Prepared for
**Color and Effects USA, LLC**

On Behalf of:
**Sun Chemical Corporation**
**Buchanan, New York**

Prepared by:
**Ramboll Americas Engineering Solutions, Inc.**
**Valhalla, New York**

Date:
**January 26, 2024**

# HAZARDOUS WASTE UNDERGROUND STORAGE TANK CLOSURE AND ASSESSMENT REPORT

## COLOR AND EFFECTS USA, LLC

RAMBOLL Bright ideas. Sustainable change.

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|---|---|
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# 1. Introduction

## 1.1 General

This underground storage tank (UST) closure report has been prepared by Ramboll Americas Engineering Solutions, Inc., on behalf of Sun Chemical Corporation (Sun Chemical) to document the closure of a 7,700-gallon hazardous waste UST at the Color and Effects USA, LLC (Color and Effects or the "Company") facility at 16 White Street, Village of Buchanan, New York. A site location map and site plan are presented as **Figures 1** and **2**, respectively.

## 1.2 Site background

Color and Effects is a subsidiary of Sun Chemical and conducted pigment manufacturing activities at the site. A bismuth oxychloride solvent waste generated as part of the manufacturing process was stored in the 7,700-gallon UST on the west side of the 16 White Street building along with a 1,500-gallon fiberglass underground tank used to store demineralized water. The Company operated under a lease agreement and ceased operations terminating its lease agreement on December 31, 2023. The focus of this report is on the removal of the 7,700-gllon hazardous waste UST, which was installed in 1989 consisting of a cathodically protected double-wall steel STI-P3 UST with a stainless-steel primary and carbon steel secondary construction. Facility personnel reported no known releases associated with this tank system, which was pressure tested on a monthly interval by Sun Chemical personnel. The final tank pressure test data, conducted on September 11, 2023, indicated a successful vacuum test of the interstitial space holding 3" hg for 1 hour. This data sheet is presented in **Attachment A**.

## 1.3 Pre-closure activities

As part of pre-closure activities, Ramboll performed the following activities:

- Westchester County Board of Health and New York State Department of Environmental Conservation (NYSDEC) Regulatory Applicability – Ramboll investigated the need to provide pre-closure notifications to Westchester County Board of Health and NYSDEC, as follows:
  - According to Natasha Court, Associate Engineer at Westchester County Department of Health, "The department does not regulate hazardous waste tanks." (E-mail correspondence dated October 26, 2023.) Further contact with County officials was not initiated following this email confirmation.
  - According to Sam VanDeusen, Environmental Program Specialist at the NYSDEC, the tank is subject to the hazardous waste large quantity generator General Closure Requirements detailed in 6 NYCRR 373-3.7(b) and (e). These regulations do not specifically require a "site assessment"; however, Michael Squire, Assistant Engineer with the Division of Environmental Remediation at NYSDEC, requested that sampling be conducted in the area of the UST to confirm the UST has not leaked (Telephone conversation on November 21, 2023 and follow-on E-mail correspondence confirming the scope of the sampling program in November and December 2023 with Michael Squire, NYSDEC).
- Village of Buchanan (VOB) Building and Fire Departments – Ramboll investigated the need to obtain tank closure permits from the VOB Building and the Fire Departments. According to Mr. Peter Cook, VOB Building Inspector, tank closures are regulated by the VOB Building Department and require a permit. According to Mr. Cook, a secondary permit from the VOB Fire Department is not needed, but Chief Robert Outhouse should be contacted and informed of the closure schedule. Chief Outhouse conducted a site inspection and reviewed confined space entry protocols with the

contractor on December 8, 2023 and voiced no objections with the project proceeding. Further interaction with the Fire Department did not occur, as was not warranted. Permit documentation obtained from the VOB Building Department is presented as **Attachment B**.

- Utility Survey – Ramboll engaged the services of a private utility locating service (Blood Hound, LLC) to conduct a utility survey on October 17, 2023 using low frequency electromagnetic radiation and ground penetrating radar (GPR) equipment in the areas of the USTs. Ramboll's drilling and excavation contractors also contacted New York State's one-call public utility mark-out service (Dig Safely New York, Ticket No. 11063-000-423-00) prior to initiating drilling or excavation activities.

### 1.4 UST closure objectives

The closure objectives were to remove and close the hazardous waste UST in accordance with NYSDEC hazardous waste and VOB regulations and to fulfill the documentation requirements listed in the lease agreement. In addition, the de-mineralized water tank was also removed, but is not regulated by NYSDEC and is not the focus of this closure report. These USTs are located on a site plan presented as **Figure 2**.

# 2. Field Activities

The following field activities associated with the closure of the two USTs were conducted. A photolog of these activities is presented in **Attachment C**.

## 2.1 UST cleaning activities

Prior to the start of UST cleaning activities, Sun Chemical contracted with a NYSDEC hazardous waste permitted transporter to remove as much of the waste from the hazardous waste UST as possible without personnel entering the tank. This final routine waste pick-up was conducted on October 26, 2023. Majority of the waste remaining in the tank was a thick sludge like material consisting primarily of bismuth oxychloride crystals with minor (less than 10%) quantities of solvents. Solvents associated with this waste stream consisted of toluene, <1% isopropanol, N-butyl acetate, and isopropyl acetate.

An initial attempt to remove the sludge was conducted on November 8, 2023 by Miller Environmental Group, Inc. (MEG) using a vacuum truck and having personnel enter the tank using OSHA confined space entry procedures. However, the tanker truck vacuum system could not effectively draw in the waste, which resulted in the clogging of the pump and vacuum piping. Miller was able to collect 340 gallons of sludge waste in the tanker truck, which was then transferred into drums (sludge) and totes (washwater).

A second and successful attempt was made by ACV Environmental Services, Inc. (ACV, a.k.a. Republic Services) starting on December 6, 2023. ACV manually shoveled and bucketed the sludge from the tank into 55-gallon drums using OSHA confined space entry procedures. This phase was conducted between December 6$^{th}$ and 12$^{th}$ with a final pressure washing conducted between December 13$^{th}$ and 14$^{th}$. Photographs of the interior of the UST after pressure washing are presented below. According to ACV personnel, an inspection of the interior of the UST did not indicate signs of perforations or rusting.



Note: West end of UST



Note: East end of UST

Cleaning operations resulted in the generation of 1,635 gallons of liquid D001 hazardous waste (washwater) and sixty-five (65) 55-gallon drums of D001 waste flammable sludge [includes personal protective equipment (PPE), containment absorbents, and poly sheeting contaminated with sludge]. Liquid, sludge, and contaminated PPE/containment waste streams were transported to Cycle Chem, Inc., a hazardous waste permitted treatment, storage, and disposal (TSD) facility (Elizabeth, New

Jersey). This volume does not include the 451 gallons of flammable liquid removed from the UST as part of the final routine manufacturing disposal process. Copies of hazardous waste manifests for disposal shipments are presented in **Attachment D**.

The 1,500-gallon UST did not go through a formal cleaning process as it was used to store demineralized water only.

## 2.2 UST removal activities

Following the cleaning of the hazardous waste UST and prior to removal, four soil borings to facilitate soil sampling were installed around the perimeter of the hazardous waste UST as part of the UST assessment detailed in Section 3.

On December 18th and 19th ACV mobilized back to the site to remove the hazardous waste and de-mineralized USTs. The surface concrete pad was removed to the extent of the nearest expansion joint and containerized in a roll-off for off-site disposal. Concrete and fiberglass waste associated with the de-mineralized UST were shipped to Taylor Holdings Group, LTD of Montgomery, New York, a NYSDEC permitted (No. 3-3342-00105-00009) solid waste construction and demolition processing facility. A copy of the waste manifest is presented in **Attachment D**.

The hazardous waste UST was unearthed with gravel temporarily staged on the abutting concrete pad and pulled from the ground. Ramboll personnel inspected the outer shell for corrosion and perforations, which were not noted. The tank was then loaded and secured on a flatbed trailer and transported to the Sun Chemical plant located at 1057 Lower South Street, Peekskill, New York. This tank will be repurposed to hold cooling water or other nonhazardous liquid aboveground as part of a future energy recovery project. A bill-of-lading documenting the transportation of this tank is provided in **Attachment D**.

The excavation was then backfilled with crushed stone to the base of the surrounding concrete surface. A new concrete pad will be poured in the springtime. As noted in Section 3, no soils were removed from the site, because no impacted soils were noted during soil boring and tank removal activities.

# 3. UST Assessment Activities

UST assessment activities, consisting of soil sampling prior to tank removal and soil screening during tank removal, were conducted on December 12th and 19th, respectively. The objective of the UST assessment was to determine if soils surrounding the hazardous waste UST exhibited concentrations of hazardous site compounds (isopropanol, toluene, N-butyl acetate, and isopropyl acetate) above Title 6 New York Code of Rules and Regulations (NYCRR) 375-6 unrestricted SCOs. Ramboll conferred with the NYSDEC Albany Office to obtain approval of the scope of the UST assessment, which was approved with the exception that n-butyl acetate and isopropyl acetate be added to the VOC compound analyte list. (E-mail correspondence dated November 29, December 1, and December 5, 2023 from Michael Squire, NYSDEC Assistant Engineer, Division of Environmental Remediation.) A summary of UST assessment data collected during the soil sampling and UST excavation activities is provided below.

## 3.1 Soil Sampling Program

- Soil Boring Installation and Sampling Activities

  On December 12, 2023, Cascade Drilling mobilized to the site with a track-mounted direct push drill rig to install four soil borings. One soil boring (SB-1, SB-2, SB-3, SB-4) was installed on each side of the hazardous waste UST, as shown on **Figure 2**. Each boring was advanced to a depth of approximately 11 to 13 feet below grade (fbg), which was boring refusal. The depth of refusal appeared to be bedrock based on the consistency in refusal depths between all four boring locations, drill rig response, and nearby bedrock outcrops. Soil boring logs are included in **Attachment E**.

  Soil samples were collected continuously to the terminal depth of the boring utilizing dedicated standard Macro Core samplers with acetate liners. Upon retrieval, the on-site Ramboll geologist described each soil sample. The descriptions were recorded on the soil boring logs, consisting of the following information: soil color, moisture content, grain-size, and staining and/or chemical odors. In addition to soil descriptions, each soil sample (approximate 2-foot intervals) was screened using a photoionization detector (PID) to evaluate the presence of total VOCs. The VOC soil headspace screening method consisted of taking a representative portion of the soil sample and placing it into a plastic bag with slide seal and letting it stand for approximately 15 minutes. The PID probe was then inserted into the bag and the reading recorded on the soil boring log.

  Two soil samples from each boring were selected for laboratory analysis based on total VOC soil screening results and visual observations. VOC soil samples were collected using a Terra Core® sampling system. Each sample was analyzed for Target Compound List (TCL) VOCs using USEPA Test Method 8260D plus isopropyl acetate and N-butyl acetate. This analysis was selected based on the hazardous site compound list and comments from NYSDEC . Soil samples collected were discrete and not composites. Consistent with NYSDEC requirements, quality assurance/quality control (QA/QC) samples were collected consisting of a blind duplicate, matrix spike (MS) and matrix spike duplicate (MSD), and equipment blank. In addition, a trip blank accompanied the coolers with VOC samples and was analyzed for VOCs. Samples were submitted under chain-of-custody to Eurofins Environment Northeast, LLC. (Eurofins) in Edison, New Jersey [a New York State Department of Health, Environmental Laboratory Accreditation Program (ELAP) certified laboratory] for analysis.

- Soil Screening and Laboratory Analytical Results
  Total VOC soil screening results are presented on the soil boring logs included in Attachment E. Soil screening results at all soil sampling intervals were below 1 part per million by volume (ppmv) with the exception of SB-1 (12 to 13 feet bg) with a reading of 10.1 ppmv. No visual observations or odors were noted.

  Two soil samples were collected from each soil boring for laboratory analysis of TCL VOCs using USEPA Test Method 8260D plus isopropyl acetate and N-butyl acetate. A summary of soil analytical results and quality control water data is presented on **Tables 1** and **2**, respectively. Eurofins laboratory report is presented in **Attachment F**. Although certain TCL VOCs were detected in soil samples, none were detected exceeding the NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs). In addition, n-Butyl acetate and isopropyl acetate were not detected above laboratory method detection limits.

### 3.2 Excavation Soil Screening Activities

At the time the hazardous waste UST was removed from the excavation numerous total VOC surface soil screening readings at representative depths from 0 to approximately 13 feet below grade were collected using a PID from the soil pile. In addition, standard headspace total VOC headspace screening data was also collected similar to the method noted during the soil sampling program. Results of these screening activities did not indicate elevated concentrations of total VOCs (*i.e.,* recordings were all below <1 ppmv). Standard headspace soil screening locations are depicted on **Figure 2**.

# 4. Conclusions

Based upon the UST closure and assessment activities conducted to date, Ramboll offers the following opinions and conclusions:

- A review of the most recent (September 2023) UST vacuum testing data indicated the tank was not leaking.
- Visual inspection of the hazardous waste UST interior and exterior walls did not indicate signs of perforations or rust.
- Total VOC soil screening data, olfactory, and visual observations at the time the hazardous waste UST was removed from the excavation did not indicate signs of pigment waste residues.
- Laboratory analysis of soil samples collected in proximity to the hazardous waste UST did not indicate detectable concentrations of VOC compounds above Title 6 NYCRR 375-6 unrestricted SCOs.
- The activities taken to physically remove the tank system along with the UST assessment results, identifying no detectable VOCs above NYCRR unrestricted SCOs, indicate the hazardous waste UST closure meets the closure requirements for large quantity generators detailed in 6 NYCRR 373-3.7(b) and (e) - *General Closure Requirements*.

Based on the findings summarized above, no further action regarding the closure of the hazardous waste UST is needed.

# TABLES

# Table 1 - VOC Soil Data Summary

## Hazardous Waste UST Closure Report - Solid

## Color and Effects USA LLC

## 16 White Street

## Buchanan, New York

| **Client ID** | NYDEC 375-6 | NYDEC 375-6 | NYDEC 375-6 | **SB-1 (7-8)** | | | **SB-1 (12-13)** | | | **SB-2 (9-10)** | | | **SB-2 (12-13)** | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | Soil Cleanup Obj | Soil Cleanup Obj | Soil Cleanup Obj | 460-294432-1 | | | 460-294432-3 | | | 460-294432-2 | | | 460-294432-4 | | |
| **Sampling Date** | UnRestricted Use | Restricted Use | Restricted Use | 12/12/2023 09:00:00 | | | 12/12/2023 09:20:00 | | | 12/12/2023 10:00:00 | | | 12/12/2023 10:20:00 | | |
| **Matrix** | | Commercial | Protection of GW | Solid | | | Solid | | | Solid | | | Solid | | |
| **Dilution Factor** | | | | 1 | | | 1 | | | 1 | | | 1 | | |
| **Unit** | ug/kg | ug/kg | ug/kg | ug/kg | | | ug/kg | | | ug/kg | | | ug/kg | | |
| | | | | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL |
| **SOLID BY 8260D** | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 680 | 500000 | 680 | 0.19 | U | 0.19 | 0.19 | U | 0.19 | 0.23 | U | 0.23 | 0.20 | U | 0.20 |
| 1,1,2,2-Tetrachloroethane | NA | NA | NA | 0.18 | U | 0.18 | 0.18 | U | 0.18 | 0.21 | U | 0.21 | 0.18 | U | 0.18 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NA | NA | NA | 0.25 | U | 0.25 | 0.25 | U | 0.25 | 0.30 | U | 0.30 | 0.25 | U | 0.25 |
| 1,1,2-Trichloroethane | NA | NA | NA | 0.15 | U | 0.15 | 0.15 | U | 0.15 | 0.17 | U | 0.17 | 0.15 | U | 0.15 |
| 1,1-Dichloroethane | 270 | 240000 | 270 | 0.17 | U | 0.17 | 0.17 | U | 0.17 | 0.20 | U | 0.20 | 0.17 | U | 0.17 |
| 1,1-Dichloroethene | 330 | 500000 | 330 | 0.19 | U | 0.19 | 0.19 | U | 0.19 | 0.22 | U | 0.22 | 0.19 | U | 0.19 |
| 1,2,3-Trichlorobenzene | NA | NA | NA | 0.15 | U | 0.15 | 0.15 | U | 0.15 | 0.18 | U | 0.18 | 0.15 | U | 0.15 |
| 1,2,4-Trichlorobenzene | NA | NA | NA | 0.30 | U | 0.30 | 0.30 | U | 0.30 | 0.35 | U | 0.35 | 0.30 | U | 0.30 |
| 1,2-Dibromo-3-Chloropropane | NA | NA | NA | 0.38 | U | 0.38 | 0.38 | U | 0.38 | 0.45 | U | 0.45 | 0.39 | U | 0.39 |
| 1,2-Dichlorobenzene | 1100 | 500000 | 1100 | 0.30 | U | 0.30 | 0.30 | U | 0.30 | 0.35 | U | 0.35 | 0.31 | U | 0.31 |
| 1,2-Dichloroethane | NA | 30000 | 20 | 0.25 | U | 0.25 | 0.25 | U | 0.25 | 0.29 | U | 0.29 | 0.25 | U | 0.25 |
| 1,2-Dichloropropane | NA | NA | NA | 0.35 | U | 0.35 | 0.35 | U | 0.35 | 0.41 | U | 0.41 | 0.36 | U | 0.36 |
| 1,3-Dichlorobenzene | 2400 | 280000 | 2400 | 0.31 | U | 0.31 | 0.30 | U | 0.30 | 0.36 | U | 0.36 | 0.31 | U | 0.31 |
| 1,4-Dichlorobenzene | 1800 | 130000 | 1800 | 0.19 | U | 0.19 | 0.19 | U | 0.19 | 0.22 | U | 0.22 | 0.19 | U | 0.19 |
| 1,4-Dioxane | 100 | 130000 | 100 | 7.7 | U | 7.7 | 7.6 | U *3 | 7.6 | 9.0 | U | 9.0 | 7.8 | U | 7.8 |
| 2-Butanone (MEK) | 120 | 500000 | 120 | 0.31 | U | 0.31 | 3.7 | J | 0.31 | 0.36 | U | 0.36 | 0.31 | U | 0.31 |
| 2-Hexanone | NA | NA | NA | 1.4 | U | 1.4 | 1.4 | U | 1.4 | 1.7 | U | 1.7 | 1.4 | U | 1.4 |
| 4-Methyl-2-pentanone (MIBK) | NA | NA | NA | 1.3 | U | 1.3 | 1.3 | U | 1.3 | 1.5 | U | 1.5 | 1.3 | U | 1.3 |
| Acetone | 50 | 500000 | 50 | 4.8 | U | 4.8 | 21 | | 4.7 | 5.6 | U | 5.6 | 4.8 | U | 4.8 |
| Benzene | 60 | 44000 | 60 | 0.22 | U | 0.22 | 0.21 | U | 0.21 | 0.25 | U | 0.25 | 0.22 | U | 0.22 |
| Bromoform | NA | NA | NA | 0.36 | U | 0.36 | 0.35 | U | 0.35 | 0.42 | U | 0.42 | 0.36 | U | 0.36 |
| Bromomethane | NA | NA | NA | 0.84 | U | 0.84 | 0.83 | U | 0.83 | 0.98 | U | 0.98 | 0.85 | U | 0.85 |
| Carbon disulfide | NA | NA | NA | 0.22 | U | 0.22 | 1.1 | | 0.22 | 0.26 | U | 0.26 | 0.23 | U | 0.23 |
| Carbon tetrachloride | 760 | 22000 | 760 | 0.32 | U | 0.32 | 0.32 | U | 0.32 | 0.38 | U | 0.38 | 0.33 | U | 0.33 |
| Chlorobenzene | 1100 | 500000 | 1100 | 0.15 | U | 0.15 | 0.15 | U | 0.15 | 0.17 | U | 0.17 | 0.15 | U | 0.15 |
| Chlorobromomethane | NA | NA | NA | 0.23 | U | 0.23 | 0.23 | U | 0.23 | 0.28 | U | 0.28 | 0.24 | U | 0.24 |
| Chlorodibromomethane | NA | NA | NA | 0.16 | U | 0.16 | 0.16 | U | 0.16 | 0.19 | U | 0.19 | 0.16 | U | 0.16 |
| Chloroethane | NA | NA | NA | 0.44 | U | 0.44 | 0.43 | U | 0.43 | 0.51 | U | 0.51 | 0.44 | U | 0.44 |
| Chloroform | 370 | 350000 | 370 | 0.81 | U | 0.81 | 0.81 | U | 0.81 | 0.95 | U | 0.95 | 0.82 | U | 0.82 |
| Chloromethane | NA | NA | NA | 0.36 | U | 0.36 | 0.36 | U | 0.36 | 0.43 | U | 0.43 | 0.37 | U | 0.37 |
| cis-1,2-Dichloroethene | 250 | 500000 | 250 | 0.30 | U | 0.30 | 0.30 | U | 0.30 | 0.35 | U | 0.35 | 0.30 | U | 0.30 |



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# Table 1 - VOC Soil Data Summary

## Hazardous Waste UST Closure Report - Solid

## Color and Effects USA LLC

## 16 White Street

## Buchanan, New York

| **Client ID** | NYDEC 375-6 | NYDEC 375-6 | NYDEC 375-6 | **SB-1 (7-8)** | | | **SB-1 (12-13)** | | | **SB-2 (9-10)** | | | **SB-2 (12-13)** | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | Soil Cleanup Obj | Soil Cleanup Obj | Soil Cleanup Obj | 460-294432-1 | | | 460-294432-3 | | | 460-294432-2 | | | 460-294432-4 | | |
| **Sampling Date** | UnRestricted Use | Restricted Use | Restricted Use | 12/12/2023 09:00:00 | | | 12/12/2023 09:20:00 | | | 12/12/2023 10:00:00 | | | 12/12/2023 10:20:00 | | |
| **Matrix** | | Commercial | Protection of GW | Solid | | | Solid | | | Solid | | | Solid | | |
| **Dilution Factor** | | | | 1 | | | 1 | | | 1 | | | 1 | | |
| **Unit** | ug/kg | ug/kg | ug/kg | ug/kg | | | ug/kg | | | ug/kg | | | ug/kg | | |
| | | | | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL |
| **SOLID BY 8260D** | | | | | | | | | | | | | | | |
| cis-1,3-Dichloropropene | NA | NA | NA | 0.23 | U | 0.23 | 0.23 | U | 0.23 | 0.27 | U | 0.27 | 0.23 | U | 0.23 |
| Cyclohexane | NA | NA | NA | 0.18 | U | 0.18 | 0.18 | U | 0.18 | 0.22 | U | 0.22 | 0.19 | U | 0.19 |
| Dichlorobromomethane | NA | NA | NA | 0.21 | U | 0.21 | 0.21 | U | 0.21 | 0.25 | U | 0.25 | 0.22 | U | 0.22 |
| Dichlorodifluoromethane | NA | NA | NA | 0.28 | U | 0.28 | 0.28 | U | 0.28 | 0.33 | U | 0.33 | 0.29 | U | 0.29 |
| Ethylbenzene | 1000 | 390000 | 1000 | 0.17 | U | 0.17 | 0.39 | J | 0.17 | 0.20 | U | 0.20 | 0.82 | J | 0.17 |
| Ethylene Dibromide | NA | NA | NA | 0.15 | U | 0.15 | 0.15 | U | 0.15 | 0.18 | U | 0.18 | 0.15 | U | 0.15 |
| Isopropyl acetate | NA | NA | NA | 0.26 | U | 0.26 | 0.25 | U | 0.25 | 0.30 | U | 0.30 | 0.26 | U | 0.26 |
| Isopropylbenzene | NA | NA | NA | 0.24 | U | 0.24 | 0.24 | U | 0.24 | 0.28 | U | 0.28 | 0.24 | U | 0.24 |
| Methyl acetate | NA | NA | NA | 3.6 | U | 3.6 | 3.6 | U | 3.6 | 4.2 | U | 4.2 | 3.6 | U | 3.6 |
| Methyl tert-butyl ether | 930 | 500000 | 930 | 0.43 | U | 0.43 | 0.43 | U | 0.43 | 0.50 | U | 0.50 | 0.43 | U | 0.43 |
| Methylcyclohexane | NA | NA | NA | 0.42 | U | 0.42 | 0.41 | U | 0.41 | 0.49 | U | 0.49 | 0.42 | U | 0.42 |
| Methylene Chloride | 50 | 500000 | 50 | 0.96 | U | 0.96 | 0.95 | U | 0.95 | 1.1 | U | 1.1 | 0.97 | U | 0.97 |
| m-Xylene & p-Xylene | NA | NA | NA | 0.15 | U | 0.15 | 1.3 | | 0.14 | 0.17 | U | 0.17 | 2.8 | | 0.15 |
| n-Butyl acetate | NA | NA | NA | 0.77 | U | 0.77 | 0.77 | U | 0.77 | 0.90 | U | 0.90 | 0.78 | U | 0.78 |
| o-Xylene | NA | NA | NA | 0.16 | U | 0.16 | 0.34 | J | 0.16 | 0.19 | U | 0.19 | 0.29 | J | 0.16 |
| Styrene | NA | NA | NA | 0.23 | U | 0.23 | 0.23 | U | 0.23 | 0.27 | U | 0.27 | 0.24 | U | 0.24 |
| Tetrachloroethene | 1300 | 150000 | 1300 | 0.25 | U | 0.25 | 0.25 | U | 0.25 | 0.30 | U | 0.30 | 0.26 | U | 0.26 |
| Toluene | 700 | 500000 | 700 | 3.4 | | 0.20 | 11 | | 0.19 | 0.23 | U | 0.23 | 0.51 | J | 0.20 |
| trans-1,2-Dichloroethene | 190 | 500000 | 190 | 0.21 | U | 0.21 | 0.20 | U | 0.20 | 0.24 | U | 0.24 | 0.21 | U | 0.21 |
| trans-1,3-Dichloropropene | NA | NA | NA | 0.22 | U | 0.22 | 0.22 | U | 0.22 | 0.26 | U | 0.26 | 0.23 | U | 0.23 |
| Trichloroethene | 470 | 200000 | 470 | 0.27 | U | 0.27 | 0.27 | U | 0.27 | 0.31 | U | 0.31 | 0.27 | U | 0.27 |
| Trichlorofluoromethane | NA | NA | NA | 0.34 | U | 0.34 | 0.34 | U | 0.34 | 0.40 | U | 0.40 | 0.34 | U | 0.34 |
| Vinyl chloride | 20 | 13000 | 20 | 0.46 | U | 0.46 | 0.45 | U | 0.45 | 0.54 | U | 0.54 | 0.46 | U | 0.46 |
| Total Conc | NA | NA | NA | 3.4 | | | 38.83 | | | | | | 4.42 | | |

*3 : ISTD response or retention time outside acceptable 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.



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# Table 1 - VOC Soil Data Summary

## Hazardous Waste UST Closure Report - Solid

## Color and Effects USA LLC

## 16 White Street

## Buchanan, New York

| Client ID | NYDEC 375-6 | NYDEC 375-6 | NYDEC 375-6 | SB-3 (11-12) | | | SB-3 (7-8) | | | SB-4 (7-8) | | | SB-4 (10-11) | | | SB-BD-1 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Soil Cleanup Obj | Soil Cleanup Obj | Soil Cleanup Obj | 460-294432-5 | | | 460-294432-6 | | | 460-294432-9 | | | 460-294432-10 | | | 460-294432-11 | | |
| Sampling Date | UnRestricted Use | Restricted Use | Restricted Use | 12/12/2023 11:20:00 | | | 12/12/2023 11:00:00 | | | 12/12/2023 12:15:00 | | | 12/12/2023 12:30:00 | | | 12/12/2023 00:00:00 | | |
| Matrix | | Commercial | Protection of GW | Solid | | | Solid | | | Solid | | | Solid | | | Solid | | |
| Dilution Factor | | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | |
| Unit | ug/kg | ug/kg | ug/kg | ug/kg | | | ug/kg | | | ug/kg | | | ug/kg | | | ug/kg | | |
| | | | | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL |
| **SOLID BY 8260D** | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 680 | 500000 | 680 | 0.18 | U | 0.18 | 0.21 | U | 0.21 | 0.23 | U | 0.23 | 0.20 | U | 0.20 | 0.19 | U | 0.19 |
| 1,1,2,2-Tetrachloroethane | NA | NA | NA | 0.17 | U | 0.17 | 0.19 | U | 0.19 | 0.21 | U | 0.21 | 0.18 | U | 0.18 | 0.18 | U | 0.18 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NA | NA | NA | 0.23 | U | 0.23 | 0.27 | U | 0.27 | 0.29 | U | 0.29 | 0.26 | U | 0.26 | 0.25 | U | 0.25 |
| 1,1,2-Trichloroethane | NA | NA | NA | 0.14 | U | 0.14 | 0.16 | U | 0.16 | 0.17 | U | 0.17 | 0.15 | U | 0.15 | 0.15 | U | 0.15 |
| 1,1-Dichloroethane | 270 | 240000 | 270 | 0.16 | U | 0.16 | 0.18 | U | 0.18 | 0.20 | U | 0.20 | 0.18 | U | 0.18 | 0.17 | U | 0.17 |
| 1,1-Dichloroethene | 330 | 500000 | 330 | 0.18 | U | 0.18 | 0.20 | U | 0.20 | 0.22 | U | 0.22 | 0.19 | U | 0.19 | 0.19 | U | 0.19 |
| 1,2,3-Trichlorobenzene | NA | NA | NA | 0.14 | U | 0.14 | 0.16 | U | 0.16 | 0.17 | U | 0.17 | 0.15 | U | 0.15 | 0.15 | U | 0.15 |
| 1,2,4-Trichlorobenzene | NA | NA | NA | 0.28 | U | 0.28 | 0.32 | U | 0.32 | 0.35 | U | 0.35 | 0.31 | U | 0.31 | 0.30 | U | 0.30 |
| 1,2-Dibromo-3-Chloropropane | NA | NA | NA | 0.36 | U | 0.36 | 0.41 | U | 0.41 | 0.44 | U | 0.44 | 0.39 | U | 0.39 | 0.38 | U | 0.38 |
| 1,2-Dichlorobenzene | 1100 | 500000 | 1100 | 0.28 | U | 0.28 | 0.32 | U | 0.32 | 0.35 | U | 0.35 | 0.31 | U | 0.31 | 0.30 | U | 0.30 |
| 1,2-Dichloroethane | NA | 30000 | 20 | 0.23 | U | 0.23 | 0.26 | U | 0.26 | 0.29 | U | 0.29 | 0.25 | U | 0.25 | 0.24 | U | 0.24 |
| 1,2-Dichloropropane | NA | NA | NA | 0.33 | U | 0.33 | 0.38 | U | 0.38 | 0.41 | U | 0.41 | 0.36 | U | 0.36 | 0.35 | U | 0.35 |
| 1,3-Dichlorobenzene | 2400 | 280000 | 2400 | 0.28 | U | 0.28 | 0.33 | U | 0.33 | 0.35 | U | 0.35 | 0.31 | U | 0.31 | 0.30 | U | 0.30 |
| 1,4-Dichlorobenzene | 1800 | 130000 | 1800 | 0.18 | U | 0.18 | 0.20 | U | 0.20 | 0.22 | U | 0.22 | 0.19 | U | 0.19 | 0.19 | U | 0.19 |
| 1,4-Dioxane | 100 | 130000 | 100 | 7.1 | U | 7.1 | 8.2 | U | 8.2 | 8.9 | U | 8.9 | 7.8 | U | 7.8 | 7.6 | U | 7.6 |
| 2-Butanone (MEK) | 120 | 500000 | 120 | 0.29 | U | 0.29 | 0.33 | U | 0.33 | 0.36 | U | 0.36 | 0.31 | U | 0.31 | 0.30 | U | 0.30 |
| 2-Hexanone | NA | NA | NA | 1.3 | U | 1.3 | 1.5 | U | 1.5 | 1.7 | U | 1.7 | 1.5 | U | 1.5 | 1.4 | U | 1.4 |
| 4-Methyl-2-pentanone (MIBK) | NA | NA | NA | 1.2 | U | 1.2 | 1.4 | U | 1.4 | 1.5 | U | 1.5 | 1.3 | U | 1.3 | 1.3 | U | 1.3 |
| Acetone | 50 | 500000 | 50 | 4.4 | U | 4.4 | 5.1 | U | 5.1 | 5.5 | U | 5.5 | 9.5 | | 4.9 | 4.7 | U | 4.7 |
| Benzene | 60 | 44000 | 60 | 0.20 | U | 0.20 | 0.23 | U | 0.23 | 0.25 | U | 0.25 | 0.69 | J | 0.22 | 0.21 | U | 0.21 |
| Bromoform | NA | NA | NA | 0.33 | U | 0.33 | 0.38 | U | 0.38 | 0.41 | U | 0.41 | 0.36 | U | 0.36 | 0.35 | U | 0.35 |
| Bromomethane | NA | NA | NA | 0.78 | U | 0.78 | 0.89 | U | 0.89 | 0.97 | U | 0.97 | 0.85 | U | 0.85 | 0.83 | U | 0.83 |
| Carbon disulfide | NA | NA | NA | 0.21 | U | 0.21 | 0.24 | U | 0.24 | 0.26 | U | 0.26 | 0.23 | U | 0.23 | 0.22 | U | 0.22 |
| Carbon tetrachloride | 760 | 22000 | 760 | 0.30 | U | 0.30 | 0.34 | U | 0.34 | 0.37 | U | 0.37 | 0.33 | U | 0.33 | 0.32 | U | 0.32 |
| Chlorobenzene | 1100 | 500000 | 1100 | 0.14 | U | 0.14 | 0.16 | U | 0.16 | 0.17 | U | 0.17 | 0.15 | U | 0.15 | 0.15 | U | 0.15 |
| Chlorobromomethane | NA | NA | NA | 0.22 | U | 0.22 | 0.25 | U | 0.25 | 0.27 | U | 0.27 | 0.24 | U | 0.24 | 0.23 | U | 0.23 |
| Chlorodibromomethane | NA | NA | NA | 0.15 | U | 0.15 | 0.17 | U | 0.17 | 0.19 | U | 0.19 | 0.17 | U | 0.17 | 0.16 | U | 0.16 |
| Chloroethane | NA | NA | NA | 0.41 | U | 0.41 | 0.47 | U | 0.47 | 0.50 | U | 0.50 | 0.44 | U | 0.44 | 0.43 | U | 0.43 |
| Chloroform | 370 | 350000 | 370 | 0.76 | U | 0.76 | 0.87 | U | 0.87 | 0.94 | U | 0.94 | 0.83 | U | 0.83 | 0.80 | U | 0.80 |
| Chloromethane | NA | NA | NA | 0.34 | U | 0.34 | 0.39 | U | 0.39 | 0.42 | U | 0.42 | 0.37 | U | 0.37 | 0.36 | U | 0.36 |
| cis-1,2-Dichloroethene | 250 | 500000 | 250 | 0.28 | U | 0.28 | 0.32 | U | 0.32 | 0.35 | U | 0.35 | 0.31 | U | 0.31 | 0.30 | U | 0.30 |



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# Table 1 - VOC Soil Data Summary

## Hazardous Waste UST Closure Report - Solid

## Color and Effects USA LLC

## 16 White Street

## Buchanan, New York

| **Client ID** | NYDEC 375-6 | NYDEC 375-6 | NYDEC 375-6 | **SB-3 (11-12)** | | | **SB-3 (7-8)** | | | **SB-4 (7-8)** | | | **SB-4 (10-11)** | | | **SB-BD-1** | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | Soil Cleanup Obj | Soil Cleanup Obj | Soil Cleanup Obj | 460-294432-5 | | | 460-294432-6 | | | 460-294432-9 | | | 460-294432-10 | | | 460-294432-11 | | |
| **Sampling Date** | UnRestricted Use | Restricted Use | Restricted Use | 12/12/2023 11:20:00 | | | 12/12/2023 11:00:00 | | | 12/12/2023 12:15:00 | | | 12/12/2023 12:30:00 | | | 12/12/2023 00:00:00 | | |
| **Matrix** | | Commercial | Protection of GW | Solid | | | Solid | | | Solid | | | Solid | | | Solid | | |
| **Dilution Factor** | | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | |
| **Unit** | ug/kg | ug/kg | ug/kg | ug/kg | | | ug/kg | | | ug/kg | | | ug/kg | | | ug/kg | | |
| | | | | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL | Result | Q | MDL |
| **SOLID BY 8260D** | | | | | | | | | | | | | | | | | | |
| cis-1,3-Dichloropropene | NA | NA | NA | 0.21 | U | 0.21 | 0.24 | U | 0.24 | 0.26 | U | 0.26 | 0.23 | U | 0.23 | 0.23 | U | 0.23 |
| Cyclohexane | NA | NA | NA | 0.17 | U | 0.17 | 0.20 | U | 0.20 | 0.21 | U | 0.21 | 0.19 | U | 0.19 | 0.18 | U | 0.18 |
| Dichlorobromomethane | NA | NA | NA | 0.20 | U | 0.20 | 0.23 | U | 0.23 | 0.25 | U | 0.25 | 0.22 | U | 0.22 | 0.21 | U | 0.21 |
| Dichlorodifluoromethane | NA | NA | NA | 0.26 | U | 0.26 | 0.30 | U | 0.30 | 0.33 | U | 0.33 | 0.29 | U | 0.29 | 0.28 | U | 0.28 |
| Ethylbenzene | 1000 | 390000 | 1000 | 0.15 | U | 0.15 | 0.18 | U | 0.18 | 0.19 | U | 0.19 | 0.17 | U | 0.17 | 0.16 | U | 0.16 |
| Ethylene Dibromide | NA | NA | NA | 0.14 | U | 0.14 | 0.16 | U | 0.16 | 0.17 | U | 0.17 | 0.15 | U | 0.15 | 0.15 | U | 0.15 |
| Isopropyl acetate | NA | NA | NA | 0.24 | U | 0.24 | 0.27 | U | 0.27 | 0.30 | U | 0.30 | 0.26 | U | 0.26 | 0.25 | U | 0.25 |
| Isopropylbenzene | NA | NA | NA | 0.22 | U | 0.22 | 0.25 | U | 0.25 | 0.28 | U | 0.28 | 0.24 | U | 0.24 | 0.24 | U | 0.24 |
| Methyl acetate | NA | NA | NA | 3.3 | U | 3.3 | 3.8 | U | 3.8 | 4.2 | U | 4.2 | 3.7 | U | 3.7 | 3.6 | U | 3.6 |
| Methyl tert-butyl ether | 930 | 500000 | 930 | 0.40 | U | 0.40 | 0.46 | U | 0.46 | 0.49 | U | 0.49 | 0.44 | U | 0.44 | 0.42 | U | 0.42 |
| Methylcyclohexane | NA | NA | NA | 0.39 | U | 0.39 | 0.44 | U | 0.44 | 0.48 | U | 0.48 | 0.43 | U | 0.43 | 0.41 | U | 0.41 |
| Methylene Chloride | 50 | 500000 | 50 | 0.89 | U | 0.89 | 1.0 | U | 1.0 | 1.1 | U | 1.1 | 0.98 | U | 0.98 | 0.95 | U | 0.95 |
| m-Xylene & p-Xylene | NA | NA | NA | 0.14 | U | 0.14 | 0.16 | U | 0.16 | 0.17 | U | 0.17 | 0.15 | U | 0.15 | 0.14 | U | 0.14 |
| n-Butyl acetate | NA | NA | NA | 0.72 | U | 0.72 | 0.82 | U | 0.82 | 0.89 | U | 0.89 | 0.79 | U | 0.79 | 0.76 | U | 0.76 |
| o-Xylene | NA | NA | NA | 0.15 | U | 0.15 | 0.17 | U | 0.17 | 0.19 | U | 0.19 | 0.17 | U | 0.17 | 0.16 | U | 0.16 |
| Styrene | NA | NA | NA | 0.22 | U | 0.22 | 0.25 | U | 0.25 | 0.27 | U | 0.27 | 0.24 | U | 0.24 | 0.23 | U | 0.23 |
| Tetrachloroethene | 1300 | 150000 | 1300 | 0.24 | U | 0.24 | 0.27 | U | 0.27 | 0.29 | U | 0.29 | 0.26 | U | 0.26 | 0.25 | U | 0.25 |
| Toluene | 700 | 500000 | 700 | 0.18 | U | 0.18 | 0.21 | U | 0.21 | 0.23 | U | 0.23 | 0.38 | J | 0.20 | 0.23 | J | 0.19 |
| trans-1,2-Dichloroethene | 190 | 500000 | 190 | 0.19 | U | 0.19 | 0.22 | U | 0.22 | 0.24 | U | 0.24 | 0.21 | U | 0.21 | 0.20 | U | 0.20 |
| trans-1,3-Dichloropropene | NA | NA | NA | 0.21 | U | 0.21 | 0.24 | U | 0.24 | 0.26 | U | 0.26 | 0.23 | U | 0.23 | 0.22 | U | 0.22 |
| Trichloroethene | 470 | 200000 | 470 | 0.25 | U | 0.25 | 0.29 | U | 0.29 | 0.31 | U | 0.31 | 0.27 | U | 0.27 | 0.27 | U | 0.27 |
| Trichlorofluoromethane | NA | NA | NA | 0.32 | U | 0.32 | 0.36 | U | 0.36 | 0.39 | U | 0.39 | 0.35 | U | 0.35 | 0.34 | U | 0.34 |
| Vinyl chloride | 20 | 13000 | 20 | 0.42 | U | 0.42 | 0.49 | U | 0.49 | 0.53 | U | 0.53 | 0.47 | U | 0.47 | 0.45 | U | 0.45 |
| Total Conc | NA | NA | NA | | | | | | | | | | 10.57 | | | 0.23 | | |

*3 : ISTD response or retention time outside acceptable limits.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an appro:

U : Indicates the analyte was analyzed for but not detected.



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# Table 2 - VOC Water Quality Control Summary
## Hazardous Waste UST Closure Report - Water
## Color and Effects USA LLC
## 16 White Street
## Buchanan, New York

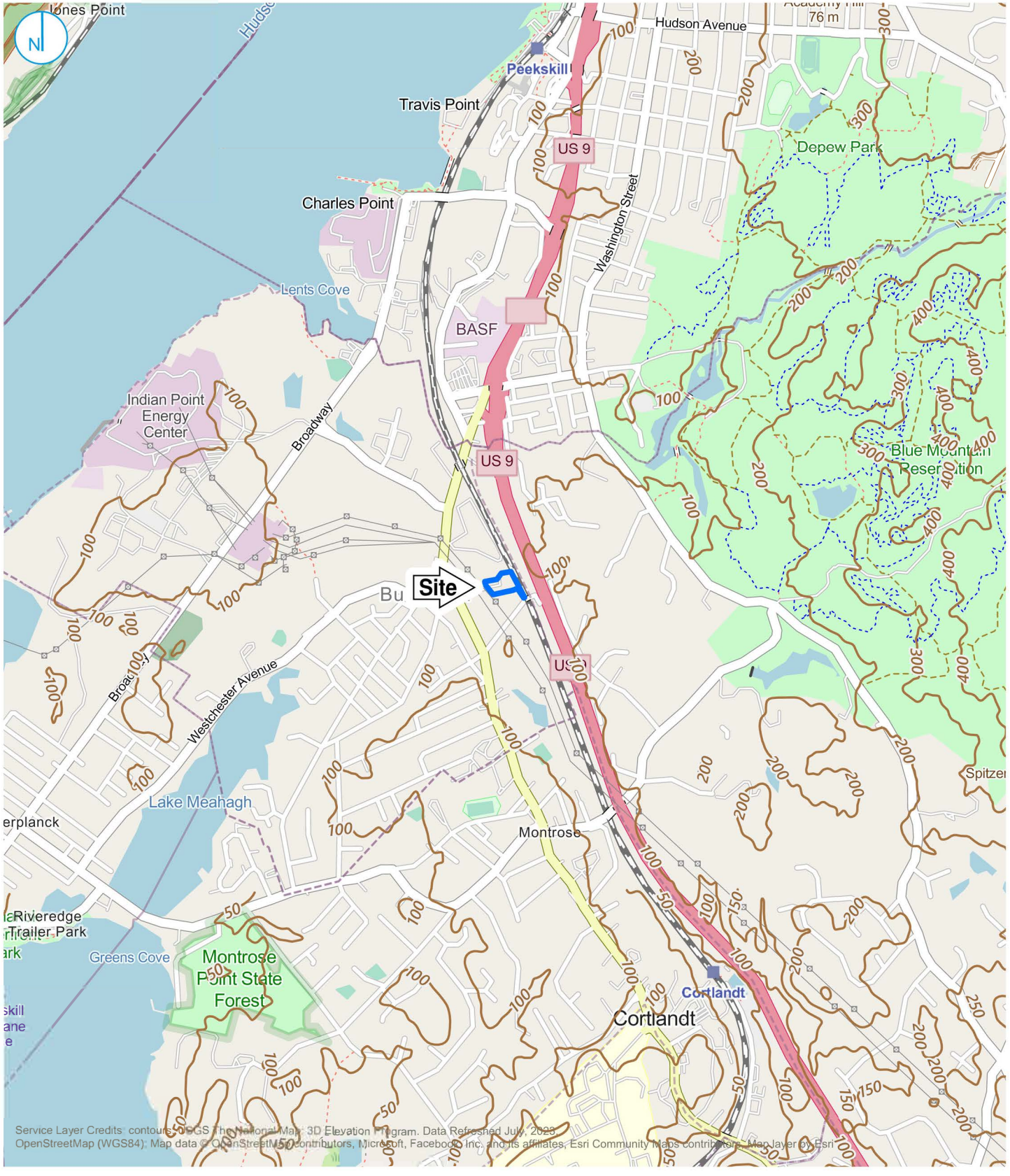
| Client ID | NY 703.6 Table 3 | Eqt. Blank-1 | | | Trip Blank-1 | | |
|---|---|---|---|---|---|---|---|
| Lab Sample ID | GW Discharge to | 460-294432-7 | | | 460-294432-8 | | |
| Sampling Date | Class GA Waters | 12/12/2023 12:00:00 | | | 12/12/2023 13:00:00 | | |
| Matrix | | Water | | | Water | | |
| Dilution Factor | | 1 | | | 1 | | |
| Unit | ug/l | ug/l | | | ug/l | | |
| | | Result | Q | MDL | Result | Q | MDL |
| WATER BY 8260D | | | | | | | |
| 1,1,1-Trichloroethane | NA | 0.24 | U | 0.24 | 0.24 | U | 0.24 |
| 1,1,2,2-Tetrachloroethane | NA | 0.37 | U | 0.37 | 0.37 | U | 0.37 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | NA | 0.31 | U | 0.31 | 0.31 | U | 0.31 |
| 1,1,2-Trichloroethane | 1 | 0.20 | U | 0.20 | 0.20 | U | 0.20 |
| 1,1-Dichloroethane | NA | 0.26 | U | 0.26 | 0.26 | U | 0.26 |
| 1,1-Dichloroethene | NA | 0.26 | U | 0.26 | 0.26 | U | 0.26 |
| 1,2,3-Trichlorobenzene | NA | 0.36 | U | 0.36 | 0.36 | U | 0.36 |
| 1,2,4-Trichlorobenzene | NA | 0.37 | U | 0.37 | 0.37 | U | 0.37 |
| 1,2-Dibromo-3-Chloropropane | 0.04 | 0.38 | U | 0.38 | 0.38 | U | 0.38 |
| 1,2-Dichlorobenzene | 3 | 0.21 | U | 0.21 | 0.21 | U | 0.21 |
| 1,2-Dichloroethane | 0.6 | 0.43 | U | 0.43 | 0.43 | U | 0.43 |
| 1,2-Dichloropropane | 1 | 0.35 | U | 0.35 | 0.35 | U | 0.35 |
| 1,3-Dichlorobenzene | 3 | 0.34 | U | 0.34 | 0.34 | U | 0.34 |
| 1,4-Dichlorobenzene | 3 | 0.33 | U | 0.33 | 0.33 | U | 0.33 |
| 1,4-Dioxane | NA | 28 | U | 28 | 28 | U | 28 |
| 2-Butanone (MEK) | NA | 1.9 | U | 1.9 | 1.9 | U | 1.9 |
| 2-Hexanone | NA | 1.1 | U | 1.1 | 1.1 | U | 1.1 |
| 4-Methyl-2-pentanone (MIBK) | NA | 1.3 | U | 1.3 | 1.3 | U | 1.3 |
| Acetone | NA | 4.4 | U | 4.4 | 4.4 | U | 4.4 |
| Benzene | 1 | 0.20 | U | 0.20 | 0.20 | U | 0.20 |
| Bromoform | NA | 0.54 | U | 0.54 | 0.54 | U | 0.54 |
| Bromomethane | NA | 0.55 | U | 0.55 | 0.55 | U | 0.55 |
| Carbon disulfide | 120 | 0.82 | U | 0.82 | 0.82 | U | 0.82 |
| Carbon tetrachloride | 5 | 0.21 | U | 0.21 | 0.21 | U | 0.21 |
| Chlorobenzene | NA | 0.38 | U | 0.38 | 0.38 | U | 0.38 |
| Chlorobromomethane | NA | 0.41 | U | 0.41 | 0.41 | U | 0.41 |
| Chlorodibromomethane | NA | 0.28 | U | 0.28 | 0.28 | U | 0.28 |
| Chloroethane | NA | 0.32 | U | 0.32 | 0.32 | U | 0.32 |
| Chloroform | 7 | 0.33 | U | 0.33 | 0.33 | U | 0.33 |
| Chloromethane | NA | 0.40 | U | 0.40 | 0.40 | U | 0.40 |
| cis-1,2-Dichloroethene | NA | 0.22 | U | 0.22 | 0.22 | U | 0.22 |
| cis-1,3-Dichloropropene | NA | 0.22 | U | 0.22 | 0.22 | U | 0.22 |
| Cyclohexane | NA | 0.32 | U | 0.32 | 0.32 | U | 0.32 |
| Dichlorobromomethane | NA | 0.34 | U | 0.34 | 0.34 | U | 0.34 |
| Dichlorodifluoromethane | NA | 0.31 | U | 0.31 | 0.31 | U | 0.31 |
| Ethylbenzene | NA | 0.30 | U | 0.30 | 0.30 | U | 0.30 |
| Ethylene Dibromide | 0.0006 | 0.50 | U | 0.50 | 0.50 | U | 0.50 |
| Isopropyl acetate | NA | 0.40 | U | 0.40 | 0.40 | U | 0.40 |
| Isopropylbenzene | NA | 0.34 | U | 0.34 | 0.34 | U | 0.34 |
| Methyl acetate | NA | 0.79 | U | 0.79 | 0.79 | U | 0.79 |
| Methyl tert-butyl ether | NA | 0.22 | U | 0.22 | 0.22 | U | 0.22 |
| Methylcyclohexane | NA | 0.71 | U | 0.71 | 0.71 | U | 0.71 |
| Methylene Chloride | 5 | 0.32 | U | 0.32 | 0.32 | U | 0.32 |
| m-Xylene & p-Xylene | NA | 0.30 | U | 0.30 | 0.30 | U | 0.30 |
| n-Butyl acetate | NA | 0.33 | U | 0.33 | 0.33 | U | 0.33 |
| o-Xylene | NA | 0.36 | U | 0.36 | 0.36 | U | 0.36 |
| Styrene | 5 | 0.42 | U | 0.42 | 0.42 | U | 0.42 |
| Tetrachloroethene | NA | 0.25 | U | 0.25 | 0.25 | U | 0.25 |
| Toluene | NA | 0.38 | U | 0.38 | 0.38 | U | 0.38 |
| trans-1,2-Dichloroethene | NA | 0.24 | U | 0.24 | 0.24 | U | 0.24 |
| trans-1,3-Dichloropropene | NA | 0.22 | U | 0.22 | 0.22 | U | 0.22 |
| Trichloroethene | 5 | 0.31 | U | 0.31 | 0.31 | U | 0.31 |
| Trichlorofluoromethane | NA | 0.32 | U | 0.32 | 0.32 | U | 0.32 |
| Vinyl chloride | 2 | 0.17 | U | 0.17 | 0.17 | U | 0.17 |
| Total Conc | NA | | | | | | |

U : Indicates the analyte was analyzed for but not detected.



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# FIGURES




Map Scale: 1:24,000 | Map Center: 73°56'2"W 41°15'45"N

PROJECT: 1690005561-069 | DATED: 8/30/2023 | DESIGNER: KMAUGHAN

F:\1690005561-069_SC_Buchanan NY\4 Delivery\Drawings-Ph1\Site Location\Site Location.aprx\Ramboll_ANSI_A_Site_Location

# SITE LOCATION

FIGURE 1



KEY MAP (not to scale)

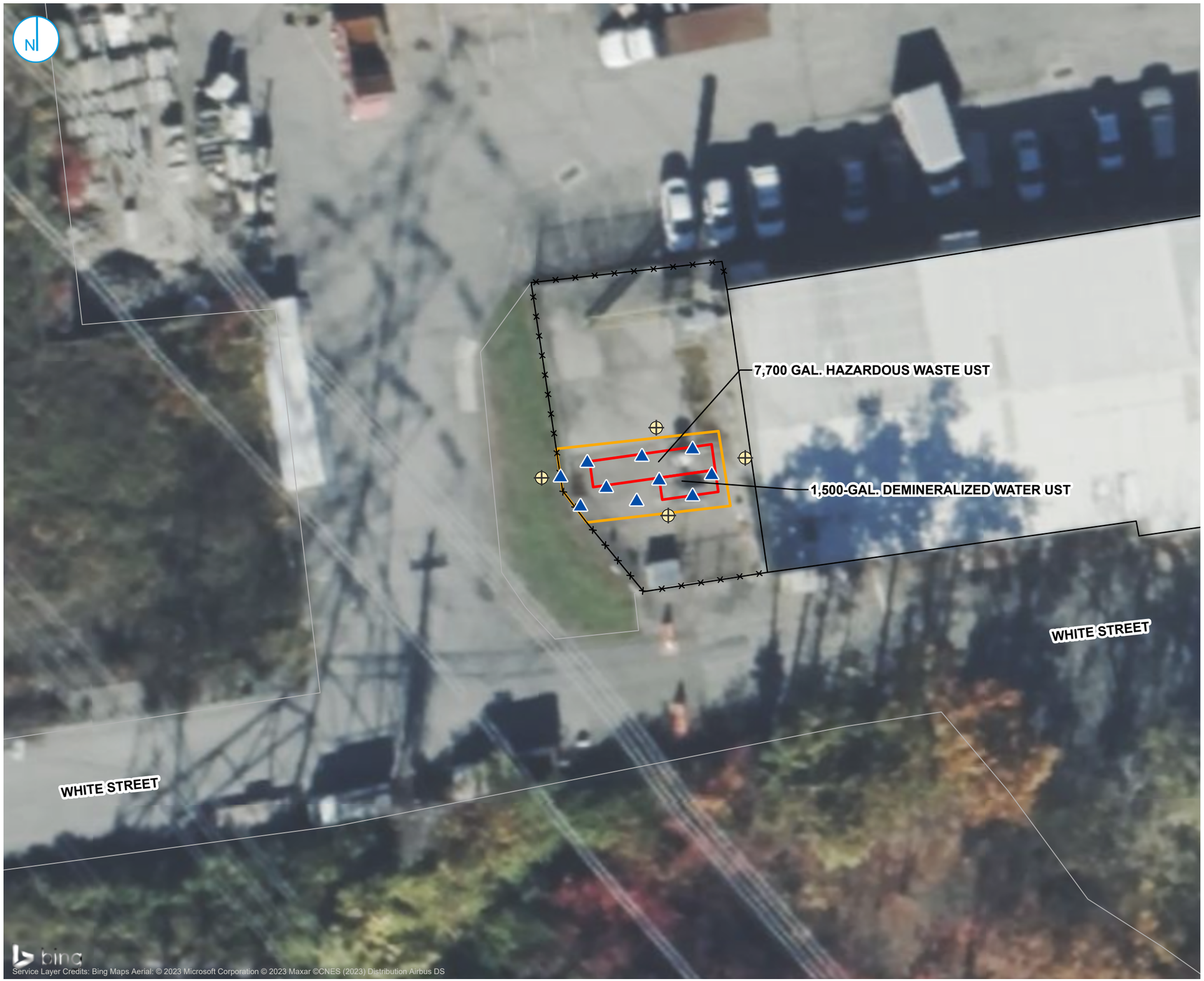
PROPERTY BOUNDARY (APPROXIMATE)

0 1,000 2,000 Feet

**SUN CHEMICAL**
16 WHITE STREET
BUCHANAN, NY

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL




**LEGEND**

- SOIL BORING LOCATION
- TOTAL VOC HEADSPACE SOIL SCREENING LOCATION 6-10 FEET BELOW GRADE. RESULTS LESS THAN 1 PPM.
- FENCE
- UNDERGROUND STORAGE TANK
- HORIZONTAL EXTENT OF EXCAVATION

**Notes**

1. Soil borings conducted on December 12, 2023.
2. Soil screening samples taken during UST removal on December 19, 2023.

0 10 20 40 Feet

# SOIL BORING/SAMPLING LOCATION MAP

**SUN CHEMICAL**
16 WHITE STREET,
BUCHANAN, NY

**FIGURE 2**

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

\\files\Projects\REH2023N035XX\REH2023N03503\Document\Sun Chemical\Sun_Chemical_Buchanan.aprx\Figure 2 - Site Plan
PROJECT: 1690000XXXX | DATED: 1/5/2024 | DESIGNER: MCCOMBSI

# ATTACHMENTS

# ATTACHMENT A
# UST INTEGRITY TESTING DATA

Title: Buchanan Waste Storage Tank Interstitial Test

DMS#: 10001980313 Ver: 00

Estimated time to complete: 2 hrs

SAFETY

1. Standard PPE Required
2. Safe Work Permit Required

Tools/Documentation:

1. Vacuum test fixture, located in the storage room in the building 17 Maintenance Hallway (Figure #3)
2. Teflon Tape
3. 2" flange blank with gasket.

Note:

1. Read all tasks prior to starting the test.
2. Return all paperwork to the Maintenance Supervisor when complete.

Planner: File this page in the Maintenance Library when complete.

Important:

1. New York State DEC Bulk Chemical Storage Regulation 598.6 requires integrity testing of the interstitial space on underground storage tanks.
2. The interstitial space must be able to hold 3" hg of vacuum for 1-hour, (+0% -5%).
3. Be sure to fill out the Work Order #, the Date, and your Name(s).
4. Check off and initial all steps to this procedure where required.
5. If the vacuum test fails the first time, verify all fittings and connections for tightness and run the test again.
6. If the vacuum test fails a second time, contact the Planner immediately.

| | |
|---|---|
| Work Order #: 300001222906 | |
| Date: 9-11-23 | |
| Mechanic(s): S. Edwards | |
| Start Time: 10:19 am | Start Vacuum Level: 3.0" |
| Finish Time: 11:20 am | Finish Vacuum Level: 3.0 |
| Pass: 3" – 2.8"hg PASS | Fail: <2.8"hg |

Interstitial Test Procedure:

| # | Task | Status: | Initials |
|---|---|---|---|
| 1 | Inform the operators that you are testing the Waste Storage Tank. | Complete: ✓ | |
| 2 | Test the functionality of the Waste Tank Interstitial Conductivity Probe by pressing the test button located outside next to the west exit door. If this test fails, then contact the Planner to have this repaired. Continue with the vacuum testing. (Figure #1) | Indicator Light: ✓ | |
| 3 | The conductivity probe must be removed and blanked off for the vacuum test.<br>A. Unplug the cable to the probe.<br>B. Carefully remove the probe from the tank at the flange and set aside<br>C. Install a blank with gasket on the flange.<br>(Figure #2) | Complete: ✓ | |
| 4 | Install the Vacuum Test Fixture on the "T" below the flange for the conductivity probe. Be sure to used Teflon tape on the threads. (Figure #4) | Complete: ✓ | |
| 5 | Connect the air line from the hose reel located on the center storage rack in the building to the vacuum generator on the test fixture. (Figure #4) | Complete: ✓ | |
| 6 | Monitor the vacuum gauge and close both valves on the test fixture as soon as the vacuum level reaches 3" hg. NOTE: DO NOT allow the vacuum to rise above 4" hg as this could damage the tank.<br>(Figure #5) | Complete: ✓ | |
| 7 | Remove the air line from the fixture and return the line to the building. | Complete: ✓ | |
| 8 | Verify that the vacuum level is holding at 3" hg. If not, then verify the flange connection and the connection of the test fixture to the "T". | Complete: ✓ | |
| 9 | Record the Start Time for the test and Vacuum level. | Start Time: 10:19<br>Vacuum Level: 3.0 " hg | |
| 10 | Leave as is for 1-hour. | | |
| 11 | Record the Finish Time and Vacuum Level | Finish Time: 11:20am<br>Vacuum Level: 3.0 " hg | |

| | | | |
|---|---|---|---|
| 12 | Pass / Fail? | Pass: ✓<br>Fail: _____ | |
| 13 | Slowly open both valves and release the vacuum until the gage reads zero. | Complete: _____ | |
| 13 | Remove the test fixture and flange blank. | Complete: ✓ | |
| 14 | Carefully Reinstall the Conductivity probe and reconnect the cable. | Complete: ✓ | |
| 15 | Test the functionality of the Waste Tank Interstitial Conductivity Probe by pressing the test button located next to the west exit door. If it fails then verify the connection and retest. If it fails again contact the Planner immediately. | Indicator Light: ✓ | |
| 16 | Return the test fixture to the maintenance storage cabinet. | Complete: ✓ | |
| 17 | Return all documentation to the Planner. | Complete: ✓ | |
| 18 | Planner: File this document in the library. | Complete: _____ | |
| 19 | Any Repairs MUST be completed within 15 days (PM_REPAR) | Complete: _____ | |

Illustrations



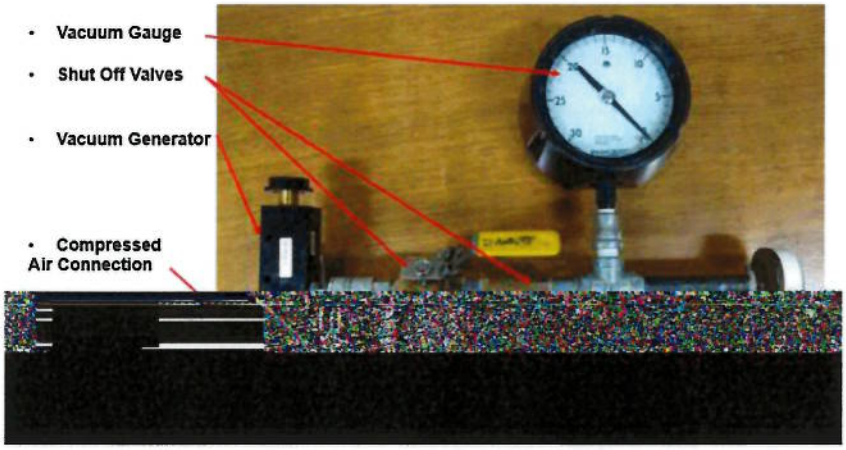

Fig 1

- Interstitial Monitor
- Please do not change the configuration of this pipe



Fig 2

- Vacuum Gauge
- Shut Off Valves
- Vacuum Generator
- Compressed Air Connection



- Int. Monitor attached to Interstitial Space Access
- Air line from hose reel



Fig 4

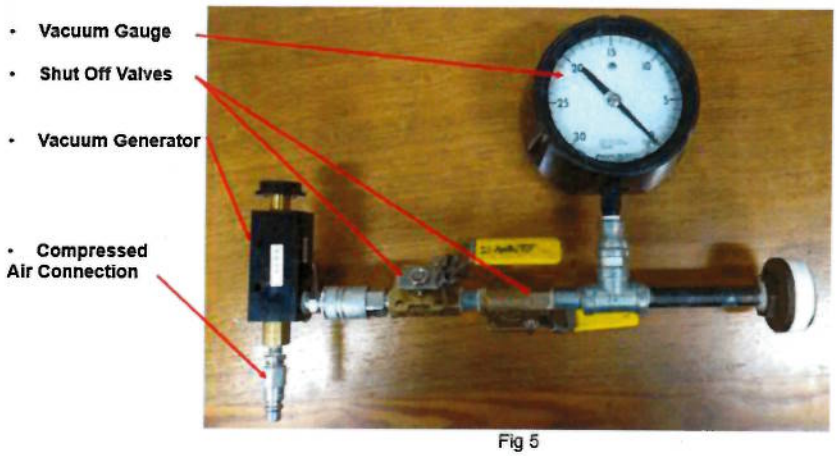



Fig 5

Suggestion(s) to improve this Work Order:

_____

_____

_____

_____

_____

Completed By: S. Edwards _____ _____

_____ _____

Date: 9-11-23 Hours: 2 hrs

Supervisor: _____

Comments: _____

_____

_____

# ATTACHMENT B
# VILLAGE OF BUCHANAN BUILDING DEPARTMENT PERMITS

# BUILDING PERMIT

## OFFICE OF THE BUILDING INSPECTOR
## VILLAGE OF BUCHANAN

3438

TAX MAP SECTION 43.16 BLOCK 03 LOT 05 M-1 710

LOCATED AT (STREET) 16 WHITE STREET

PERMISSION IS GRANTED (NAME) REPUBLIC SERVICES

FOR (PROJECT) REMOVE 8000gal SOLVENT TANK

APPLICATION NO. N/A APPROVAL DATE 12-14-2023

ESTIMATED COST OF CONSTRUCTION $175,950.00 FEE RECEIVED $2996.15

pd ONLINE RECEIPT# 7126 $2996.15 1501 2821.15125 12-14-2023

IN ACCORDANCE WITH APPROVED PLANS AND AS SPECIFIED IN THE APPLICATION ON FILE IN THE OFFICE OF THE BUILDING INSPECTOR AND IN ACCORDANCE WITH ALL APPLICABLE VILLAGE AND STATE LAWS AFFECTING SUCH CONSTRUCTION.

APPROVED PLANS MUST BE RETAINED ON THE JOB FOR INSPECTOR'S USE.

**THIS BUILDING OR ANY PORTION THEREOF FOR WHICH THIS PERMIT SHALL BE ISSUED SHALL NOT BE OCCUPIED UNTIL A CERTIFICATE OF OCCUPANCY IS ISSUED.**

CONSTRUCTION DEBRIS DISCARDED BY CONTRACTORS WILL NOT BE REMOVED BY THE VILLAGE OF BUCHANAN.

INSPECTIONS REQUIRED:

A – FRAME CONSTRUCTION:

1) FOOTING FORMS 2) FOUNDATION BEFORE BACK FILL 3) FOUNDATION SURVEY PRIOR TO FRAME CONSTRUCTION 4) FRAMING & SHEATHING 5) PLUMBING ROUGH IN 6) MECHANICAL & H.V.A.C. 7) CHIMNEY OR SMOKESHELF 8) INSULATION 9) FINAL

B – ORDINARY AND FIRE RESISTANT CONSTRUCTION:

1) ALL OF THE ABOVE, PLUS INSPECTION AT CRITICAL POINTS PRIOR TO COVERING UP ANY WORK.

2) NO REINFORCING OR STRUCTURAL STEEL OF ANY PART OF ANY WALL, BUILDING OR STRUCTURE SHALL BE COVERED OR CONCEALED IN ANY MANNER WHATSOEVER WITHOUT FIRST BEING INSPECTED AND APPROVED BY THE OFFICE OF THE BUILDING INSPECTOR.

3) NO MECHANICAL INSTALLATION IN ANY BUILDING OR STRUCTURE SHALL BE COVERED OR CONCEALED IN ANY MANNER WHATSOEVER WITHOUT FIRST BEING INSPECTED AND APPROVED BY THE OFFICE OF THE BUILDING INSPECTOR.

**HOURS OF OPERATION DURING WHICH TIME WORK CAN BE PERFORMED – 8:00 A.M. TO 7:00 P.M. (MONDAY – SATURDAY)**

PERMIT EXPIRATION DATE 12-14-2024 Robert B. Cook
BUILDING INSPECTOR

**POST IN CONSPICUOUS LOCATION**

Village of Buchanan Building Dept. 236 Tate Avenue
Buchanan, New York 10511
Office (914) 293-8396 or (914) 293-8395

Email PCook@VillageofBuchanan.com
BCook@VillageofBuchanan.com

# Application For Plumbing Permit

Date 12-4-23 Building Permit # 3438 $ Fee Paid 2996.15
PD ONLINE TRANS# 7126 1500+2501.5+25 12-14-2023

Application is hereby made for a permit to perform the work specified herein. It is requested to construct/alter the plumbing and drainage system in the new/existing building located at:

Street Address: 16 White Street, Buchanan, NY 10511

Section: 43.16 Block: 3 Lot: 6 Zone: M-1 CLS: 710

Property Owner: C&B Equipment Sale Corp.

LOCATION IN BUILDING WHERE WORK IS TO BE PERFORMED: outside building

DESCRIPTION OF WORK TO BE PERFORMED: TANK #1 8000 gallon solvent tank to be entered and cleaned. Once cleaned, the tank will be excavated and removed. A TANK #2 1500 gallon de mineralized water tank adjacent to the solvent tank will also be removed at that time. Excavation will be sampled for contaminants and backfilled.

** NEED CLOSEOUT DOCUMENTATION **

The proposed work outlined in this application conform to all provisions of the ordinances of the Village of Buchanan and the laws of the State of New York. It is agreed that the work will be performed in accordance with the provisions of such ordinances and laws.

Gas Test needed? Yes_____ No X How many?_____

| Sinks | Water Closets | Bath Tubs | Showers | Dishwasher | Heating | Cooling A/C | Other | Other | Other |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | tank cleaning | Tank Removal | |

Email Address: pbomba@republicservices.com

Plumbers Name Republic Services Signature Paul A. Bomba

Plumbers W.C. License # NA

Approved ✓ Disapproved _____

Building Inspector PETER J COOK Date 12-14-2023

## Peter Cook

**From:** Peter Cook
**Sent:** Friday, December 8, 2023 5:08 PM
**To:** 'Bomba, Paul'
**Subject:** RE: Sun Chemical HW Tank Removal - 16 White Street

Good afternoon Paul,

| | | | |
|---|---|---|---|
| **Permit #1 (Cleaning and Removal)** | | $175,950.00 | |
| | 1st $10K | -(10,000.00) | 150.00 |
| | (169.5X$17) | 165,950.00 | 2821.15 |
| | (CO Fee) | 25.00 | 25.00 |
| | | **Total Fee for Permit #1** | **$2,996.15** |

| | | | |
|---|---|---|---|
| **Permit #2 (Water Tank Removal)** | | $ 31,050.00 | |
| | 1st $10K | -(10,000.00) | 150.00 |
| | (21.050X$17) | 21,050.00 | 357.85 |
| | (CO Fee) | 25.00 | 25.00 |
| | | **Total Fee for Permit #2** | **$ 532.85** |

Contact me with any questions or concerns.

I have reached out the Village of Buchanan Fire Chief to ask about any necessary involvement or concerns.

No response as of yet. I will attempt again Monday morning.

Have an amazing evening and weekend.

Regards,

Peter Brian Cook
Building Inspector
Village of Buchanan
O(914) 293-8396
C(914) 317-1229

**From:** Bomba, Paul <PBomba@republicservices.com>
**Sent:** Friday, December 8, 2023 4:46 PM

DATE: 12/20/2023 TIME: 09:02:49

VILLAGE OF BUCHANAN
236 TATE AVENUE
BUCHANAN, NY 10511

Receipt # 7126

| | |
|---|---|
| Trans # 7499 | Batch: 699 |
| 16 WHITE STREET | 3,529.00 |
| SUB TOTAL | 3,529.00 |
| TAX | .00 |
| MUNICIPAY | 3,529.00 |
| AMT TENDERED | 3,529.00 |
| TOTAL | 3,529.00 |
| CHANGE | .00 |

BOMBA, PAUL
REPUBLIC SERVICES
560 M&M ROAD
MIDDLETOWN NY 10940

THANK YOU!

# BUILDING PERMIT

## OFFICE OF THE BUILDING INSPECTOR
## VILLAGE OF BUCHANAN

3439

TAX MAP SECTION 43.16 BLOCK 03 LOT 06 M-1 710

LOCATED AT (STREET) 16 WHITE STREET

PERMISSION IS GRANTED (NAME) REPUBLIC SERVICES

FOR (PROJECT) REMOVE 1500gal DEMINERALIZED WATER TANK

APPLICATION NO. N/A APPROVAL DATE 12-14-2023

ESTIMATED COST OF CONSTRUCTION $ 31,050.00 FEE RECEIVED $ 532.85

pd ONLINE TRANS# 7126 $ 532.85 150 357.85 +25

IN ACCORDANCE WITH APPROVED PLANS AND AS SPECIFIED IN THE APPLICATION ON FILE IN THE OFFICE OF THE BUILDING INSPECTOR AND IN ACCORDANCE WITH ALL APPLICABLE VILLAGE AND STATE LAWS AFFECTING SUCH CONSTRUCTION.

APPROVED PLANS MUST BE RETAINED ON THE JOB FOR INSPECTOR'S USE.

**THIS BUILDING OR ANY PORTION THEREOF FOR WHICH THIS PERMIT SHALL BE ISSUED SHALL NOT BE OCCUPIED UNTIL A CERTIFICATE OF OCCUPANCY IS ISSUED.**

CONSTRUCTION DEBRIS DISCARDED BY CONTRACTORS WILL NOT BE REMOVED BY THE VILLAGE OF BUCHANAN.

INSPECTIONS REQUIRED:

A – FRAME CONSTRUCTION:

1) FOOTING FORMS 2) FOUNDATION BEFORE BACK FILL 3) FOUNDATION SURVEY PRIOR TO FRAME CONSTRUCTION 4) FRAMING & SHEATHING 5) PLUMBING ROUGH IN 6) MECHANICAL & H.V.A.C. 7) CHIMNEY OR SMOKESHELF 8) INSULATION 9) FINAL

B – ORDINARY AND FIRE RESISTANT CONSTRUCTION:

1) ALL OF THE ABOVE, PLUS INSPECTION AT CRITICAL POINTS PRIOR TO COVERING UP ANY WORK.

2) NO REINFORCING OR STRUCTURAL STEEL OF ANY PART OF ANY WALL, BUILDING OR STRUCTURE SHALL BE COVERED OR CONCEALED IN ANY MANNER WHATSOEVER WITHOUT FIRST BEING INSPECTED AND APPROVED BY THE OFFICE OF THE BUILDING INSPECTOR.

3) NO MECHANICAL INSTALLATION IN ANY BUILDING OR STRUCTURE SHALL BE COVERED OR CONCEALED IN ANY MANNER WHATSOEVER WITHOUT FIRST BEING INSPECTED AND APPROVED BY THE OFFICE OF THE BUILDING INSPECTOR.

**HOURS OF OPERATION DURING WHICH TIME WORK CAN BE PERFORMED – 8:00 A.M. TO 7:00 P.M. (MONDAY – SATURDAY)**

PERMIT EXPIRATION DATE 12-14-2024 Robert Brian Cook
BUILDING INSPECTOR

**POST IN CONSPICUOUS LOCATION**

Village of Buchanan Building Dept. 236 Tate Avenue
Buchanan, New York 10511
Office (914) 293-8396 or (914) 293-8395

Email PCook@VillageofBuchanan.com
BCook@VillageofBuchanan.com

# Application For Plumbing Permit

Date 12-14-2023 Building Permit # 3439 $ Fee Paid $532.85
pd online TRANS # 706 $532.85 150+357.85+25 12-14-2023

Application is hereby made for a permit to perform the work specified herein. It is requested to construct/alter the plumbing and drainage system in the new/existing building located at:

Street Address: 16 White Street, Buchanan, NY 10511

Section: 43.16 Block: 3 Lot: 6 Zone: M-1 CKS 710

Property Owner: C&B Equipment Sale Corp.

LOCATION IN BUILDING WHERE WORK IS TO BE PERFORMED: outside building

DESCRIPTION OF WORK TO BE PERFORMED: TANK #1 8000 gallon solvent tank to be entered and cleaned. Once cleaned, the tank will be excavated and removed. A TANK #2 1500 gallon de mineralized water tank adjacent to the solvent tank will also be removed at that time. Excavation will be sampled for contaminants and backfilled.

* NEED CLOSEOUT DOCUMENTATION

The proposed work outlined in this application conform to all provisions of the ordinances of the Village of Buchanan and the laws of the State of New York. It is agreed that the work will be performed in accordance with the provisions of such ordinances and laws.

Gas Test needed? Yes_____ No X How many?_____

| Sinks | Water Closets | Bath Tubs | Showers | Dishwasher | Heating | Cooling A/C | Other | Other | Other |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | tank cleaning | Tank Removal | |

Email Address: pbomba@republicservices.com

Plumbers Name Republic Services Signature Paul A. Bomba

Plumbers W.C. License # NA

Approved OK Disapproved _____

Building Inspector PETER B COOK Date 12-14-2023

# ATTACHMENT C
# PROJECT PHOTOLOG

| | | |
|---|---|---|
| **CLIENT NAME:** SUN CHEMICAL CORPORATION | **SITE LOCATION:** COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | **PROJECT NO.**<br>1940105034 |

| **PHOTO NO.** | **DATE:** |
|---|---|
| 1 | 8/4/2023 |

**DESCRIPTION**
UST area prior to demolition activities



| | | |
|---|---|---|
| **CLIENT NAME:** SUN CHEMICAL CORPORATION | **SITE LOCATION:** COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | **PROJECT NO.**<br>1940105034 |

| **PHOTO NO.** | **DATE:** |
|---|---|
| 2 | 8/4/2023 |

**DESCRIPTION**
Photo of hazardous waste and de-mineralized (DM) UST sumps prior to demolition



| | | |
|---|---|---|
| **CLIENT NAME:** SUN CHEMICAL CORPORATION | **SITE LOCATION:** COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | **PROJECT NO.**<br>1940105034 |

| **PHOTO NO.** | **DATE:** |
|---|---|
| 3 | 12/11/2023 |

**DESCRIPTION**
Representative photo of tank cleaning operations



| | | |
|---|---|---|
| **CLIENT NAME:** SUN CHEMICAL CORPORATION | **SITE LOCATION:** COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | **PROJECT NO.**<br>1940105034 |

| **PHOTO NO.** | **DATE:** |
|---|---|
| 4 | 12/8/2023 |

**DESCRIPTION**
Representative photo of tank cleaning operations



| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|
| **PHOTO NO.** 5 / **DATE:** 12/14/2023<br>**DESCRIPTION**<br>Interior of tank post cleaning – Facing West |  | |

| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|
| **PHOTO NO.** 6 / **DATE:** 12/14/2023<br>**DESCRIPTION**<br>Interior of tank post cleaning – Facing East |  | |

| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|

| PHOTO NO. | DATE: |
|---|---|
| 7 | 12/14/2023 |

**DESCRIPTION**
Sump – post cleaning



| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|

| PHOTO NO. | DATE: |
|---|---|
| 8 | 12/18/2023 |

**DESCRIPTION**
Removal top concrete pad



| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|

| PHOTO NO. | DATE: |
|---|---|
| 9 | 12/18/2023 |

**DESCRIPTION**
Removal of DM UST



| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|

| PHOTO NO. | DATE: |
|---|---|
| 10 | 12/19/2023 |

**DESCRIPTION**
Preparing to remove UST



| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|
| **PHOTO NO.** 11 / **DATE:** 12/19/2023<br>**DESCRIPTION**<br>East and south sides of UST |  | |

| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|
| **PHOTO NO.** 12 / **DATE:** 12/19/2023<br>**DESCRIPTION**<br>North side of tank |  | |

| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|
| **PHOTO NO.** 13 / **DATE:** 12/19/2023<br>**DESCRIPTION**<br>West side of UST |  | |

| CLIENT NAME: SUN CHEMICAL CORPORATION | SITE LOCATION: COLOR AND EFFECTS USA, LLC<br>16 White Street, Buchanan, New York | PROJECT NO.<br>1940105034 |
|---|---|---|
| **PHOTO NO.** 14 / **DATE:** 12/19/2023<br>**DESCRIPTION**<br>West wall |  | |

| | | |
|---|---|---|
| **CLIENT NAME:** SUN CHEMICAL CORPORATION | **SITE LOCATION: COLOR AND EFFECTS USA, LLC**<br>16 White Street, Buchanan, New York | **PROJECT NO.**<br>1940105034 |

| | |
|---|---|
| **PHOTO NO.**<br>15 | **DA12/19/ 2023TE:**<br>12/19/2023 |

**DESCRIPTION**
Ceiling facing south



| | | |
|---|---|---|
| **CLIENT NAME:** SUN CHEMICAL CORPORATION | **SITE LOCATION: COLOR AND EFFECTS USA, LLC**<br>16 White Street, Buchanan, New York | **PROJECT NO.**<br>1940105034 |

| | |
|---|---|
| **PHOTO NO.**<br>16 | **DATE:**<br>12/19/2023 |

**DESCRIPTION**
Facing north



| | | |
|---|---|---|
| **CLIENT NAME:** SUN CHEMICAL CORPORATION | **SITE LOCATION: COLOR AND EFFECTS USA, LLC**<br>16 White Street, Buchanan, New York | **PROJECT NO.**<br>1940105034 |

| **PHOTO NO.** | **DATE:** |
|---|---|
| 17 | 1/4/2024 |

**DESCRIPTION**

Excavation backfilled



# ATTACHMENT D
# WASTE SHIPPING DOCUMENTATION

Liquid waste removal prior to tank cleaning operations. (Ramboll Note)

1818

Please print or type.

Form Approved. OMB No. 2050-0039

**UNIFORM HAZARDOUS WASTE MANIFEST**

| 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number |
|---|---|---|---|
| NYD046341400 | 1 | 908-354-0210 | 020676795 JJK |

**GENERATOR**

5. Generator's Name and Mailing Address
COLORS AND EFFECTS USA LLC
1057 LOWER SOUTH STREET
PEEKSKIL, NY 10566
Generator's Phone: 914-402-3528

Generator's Site Address (if different than mailing address)
16 WHITE STREET
BUCHANAN, NY 10511

6. Transporter 1 Company Name: ACV ENVIRONMENTAL SERVICES, INC.
U.S. EPA ID Number: NJD003812047

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CYCLE CHEM, INC.
217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
Facility's Phone: 908-355-5800
U.S. EPA ID Number: NJD002200046

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
|---|---|---|---|---|---|---|---|---|
| X | 1. RQ, UN1993, Waste Flammable Liquids, N.O.S. (n-Butyl Acetate, Toluene), 3, II | XX1 | TT | 451 | G | D001 | B | |
| | 2. | | | | | | | |
| | 3. | | | | | | | |
| | 4. | | | | | | | |

14. Special Handling Instructions and Additional Information
SP6.93
1) Profile ~~221704~~ 919759 NW102057
1) ERG # 128 LV 3216 TRK DECAL HOLD PLATE AW113N

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Keith Dickman
Signature:
Month: 10 Day: 26 Year: 23

**INTL**

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RANDALL HARDY
Signature:
Month: 10 Day: 26 Year: 23
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

**DESIGNATED FACILITY**

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: K. Gibbon
Signature:
Month: 10 Day: 26 Year: 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

LDR #3

# LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM

**Generator Name:** Colors & Effects USA LLC
**EPA ID Number:** NYD982015222
NYD046341400

**Manifest Tracking Number:** D153853
**Manifest Document No.** 020676795JJK
**Work Order:** 1232489

The EPA hazardous wastes identified below must be treated to applicable treatment standards set forth in 40 CFR 268.

| Line | Approval No. | EPA Waste No. (s) | WW | Sub Category | UHC's |
|---|---|---|---|---|---|
| 1 | 919759 | D001 | NO | Ignitable except high TOC liquids | |

I certify and warrant that the information that appears on this form, and appended documents, is true and correct. I have correctly indicated how my waste is to be managed in accordance with 40 CFR 268. My certification is based on personal examination of the information submitted, or is based on my inquiries of those individuals responsible for obtaining the information.

**Authorized Signature** _____ **Title** Mgmt. Coord **Date** 10/26/23

018884243FLE

Line No.1 - Waste generated from initial attempt to clean tank. Line Nos. 2 and 3 - Waste off-loaded from vacuum tanker truck and put into drums and totes for off-site disposal. Additional volume generated as a result of cleaning vacuum truck. (Ramboll Note)

4493

Please print or type.

Form Approved. OMB No. 2050-0039

**UNIFORM HAZARDOUS WASTE MANIFEST**

| 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number |
|---|---|---|---|
| NYD046341400 | 1 | 800-394-8606 | 018884243 FLE |

**GENERATOR**

5. Generator's Name and Mailing Address
Colors and Effects USA LLC
1057 Lower South St Peekskill, NY 10566
Generator's Phone: 914-402-3526

Generator's Site Address (if different than mailing address)
16 White St.
Buchanan, NY 10511

6. Transporter 1 Company Name: Miller Environmental Group, Inc. — U.S. EPA ID Number: NYD986908085

7. Transporter 2 Company Name: APU Environmental Inc — U.S. EPA ID Number: NJD000039537

8. Designated Facility Name and Site Address
Cycle Chem, Inc.
217 South First St Elizabeth, NJ 07206
Facility's Phone: 908-355-5800 — U.S. EPA ID Number: NJD002200046

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
|---|---|---|---|---|---|---|---|---|
| X | ~~1. UN1993, Waste Flammable Liquids, NOS. (N-Butyl Acetate, Toluene) 3 II~~ DID NOT SHIP (RC) | + | ~~DF~~ TT | 310 | G | ~~D001~~ | ~~F003~~ | ~~F005~~ B |
| X | 2. UN1993, Waste Flammable Liquids, NOS (N-Butyl Acetate, Toluene) 3, II | 4 | TP | 1060 | G | D001 | ~~F003~~ | ~~F005~~ (RC) B |
| X | 3. UN1993, Waste Flammable Sludge NOS (N-Butyl Acetate, Toluene) 3, II | 11 | DF | 4950 | P | D001 | | B |
| | 4. | | | | | | | |

14. Special Handling Instructions and Additional Information
~~1) 221704 ERG # 128~~ PO# ~~29272~~ 31222 3) 992158 (11 x 55) ERG 128
2) 992356 ERG 128 (4 x totes) Job# NYD323049 9 cleanout truck to drums/totes

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JOSEPH PIGENDRON — Signature: [signature] — Month: 11 — Day: 8 — Year: 23

**INT'L**

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: BILL TOOK — Signature: [signature] — Month: 11 — Day: 8 — Year: 23

Transporter 2 Printed/Typed Name: Blaze Vandermark — Signature: [signature] — Month: 11 — Day: 17 — Year: 23

**DESIGNATED FACILITY**

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

| 1. | 2. | 3. | 4. |
|---|---|---|---|
| | H141 | H061 | |

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 11 — Day: 17 — Year: 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

LDR #2

# Cycle Chem

*Recycling, Treatment & Disposal of Hazardous Waste*

*217 South First Street, Elizabeth, NJ 07206 * 908-355-5800, Fax (908) 355-0562*

**Generator Name:** COLORS AND EFFECTS USA LLC

**Generator EPA ID #:** NYD046341400

**Manifest #:** 018884243FLE

## LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM

This land disposal restriction (LDR) notification must be submitted with the initial shipment of all new waste streams. Subsequent notification is not required unless the waste stream changes. All sections MUST be completed. INSTRUCTION

**WASTE STREAM INFORMATION** – For each manifest line complete the following sections. For LDR's previously submitted or LAB PACK's with packing slips indicate such in column A or B and stop.

| | A | B | C | D Treatability Group | | E | F Treatment Method for Hazardous Waste per 40CFR268 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Line # | LDR on file Non RCRA | Lab Pack & Packing Slip | EPA Waste Codes and subcategory reference letter from table (if applicable) | WW Wastewater < 1% TOC < 1% TSS | NWW/ Not WW | F001 to F005 list numbers of Spent Solvent Constituents | Requires treatment mark which standard applies / For All SOIL Treatment Complete certification below | | | Meets LDR treatment standards 40CFR268 Listed Waste Certify below |
| 1 | ☐ | ☐ | ~~D001B~~ ~~F003~~ | ☒ NWW | ☐ WW | ~~F003 F005~~ (1) | ☒ Other | ☐ SOIL | ☐ DEBRIS | ☐ |
| 2 | | ☐ | D001B | ☒ NWW | ☐ WW | ~~F003 F005~~ (1) | ☒ Other | ☐ SOIL | ☐ DEBRIS | ☐ |
| 3 | | ☐ | D001B | ☒ NWW | ☐ WW | | ☒ Other | ☐ SOIL | ☐ DEBRIS | ☐ |
| 4 | | ☐ | | ☐ NWW | ☐ WW | | ☐ Other | ☐ SOIL | ☐ DEBRIS | ☐ |

**ADDITIONAL INFORMATION FOR CHARACTERISTIC CODES D001 to D043. (check one)**

☒ Some or all of these waste streams contain underlying hazardous constituents (UHCs) in excess of the treatment standard of 40CFR268.40. These are indicated on the UHC/UTS table section of this LDR form or included on the waste profile.

☐ There are no underlying hazardous constituents (UHCs) present in any of these waste streams.

**SUBCATEGORY LETTER TABLE**

| | | |
|---|---|---|
| D001 | A | Ignitable except high TOC ignitable liquids |
| | B | High TOC (> 10%) ignitable liquid |
| D003 | A | Reactive sulfide |
| | B | Reactive cyanide |
| | C | Water reactive |
| | D | Other reactive |
| D006 | A | Cadmium non-battery |
| | B | Cadmium containing batteries |
| D008 | A | Lead non-battery |
| | B | Lead acid batteries |
| D009 | A | High mercury organic (>260 PPM Total Hg) |
| | B | High mercury inorganic (> 260 PPM Total Hg) |
| | C | Low mercury (< 260 PPM Total Hg) |
| | D | Mercury wastewater |

**SPENT SOLVENT WASTE CONSTITUENTS**

*For F001-F005 indicate number of constituent in above table*

| | |
|---|---|
| 1) -acetone | 15) methanol |
| 2) benzene | 16) methylene chloride |
| 3) n-butyl alcohol | 17) methyl ethyl ketone |
| 4) iso-butyl alcohol | 18) methyl isobutyl ketone |
| 5) carbon disulfide | 19) nitrobenzene |

☐ This ***SOIL CERTIFICATION per alternate soil treatment {268.49} for indicated [circle] items.***

*This is a hazardous waste contaminated soil. This contaminated soil **does/does not** (circle one) contain listed hazardous wastes and **does/does not** (circle one) exhibit a characteristic of hazardous waste and **is subject to/complies with** (circle one) the soil treatment standards as provided by 268.49(c) or the universal treatment standards.*

☐ This ***Certification for material that meets treatment standards applies to the above listed items.***

*This is an EPA hazardous waste that meets all applicable treatment standards set forth in 40 CFR 268 subpart D, and can be landfilled without further treatment. I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or thorough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.*

***CERTIFICATION- All section MUST be completed:*** I certify that all information on this and all associated documents is complete and accurate to the best of my knowledge.

**Signature:** [signature] **Title:** EHS Spec

**Printed Name:** JOSEPH P GERARDI **Date:** 11/8/23

Line No. 1 - Sludge generated during tank cleanout.
Line No. 2 - Contaminated PPE, absorbents, and polysheeeting generated during tank cleanout. (Ramboll Note)

3592

Please print or type. Form Approved. OMB No. 2050-0039

| UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number |
|---|---|---|---|---|
| | NYD 046 341 400 | 1 | (908) 354-0210 | 025926933 JJK |

**GENERATOR**

5. Generator's Name and Mailing Address: COLORS & EFFECTS USA LLC
1057 LOWER SOUTH STREET
PEEKSKILL, NY 10566
Generator's Phone: (914) 402-3526

Generator's Site Address (if different than mailing address):
16 WHITE ST
BUCHANAN, NY 10511

6. Transporter 1 Company Name: ACV ENVIRONMENTAL SERVICE INC.
U.S. EPA ID Number: NJD 003 812 047

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CYCLE CHEM, INC.
217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
Facility's Phone: (908) 355-5800
U.S. EPA ID Number: NJD 002 200 046

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
|---|---|---|---|---|---|---|---|---|
| X | 1. UN1993, Waste, Flammable Sludge, n.o.s. , (N-Butyl Acetate, Toluene), 3, PGII, ERG #128 | ~~020~~ 034 | DM | 13,600 | P | D001 | | |
| X | 2. UN1993, Waste Flammable Solid, n.o.s , (N-Butyl Acetate, Toluene), 3, PGII, ERG #128 | ~~030~~ 020 | DM | 3,000 | P | D001 | | |
| | 3. | | | | | | | |
| | 4. | | | | | | | |

E
E

14. Special Handling Instructions and Additional Information
1. 992158-SMM / Solvent Waste Sludge 2. 992381-SSM / Contaminated Debris [W:74.67.165100].
TE 6025

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: L JOSEPH PAGENDARM
Signature: X Joseph Pagendarm
Month 12 Day 20 Year 23

**INT'L**

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: LUIS A ARITA
Signature:
Month 12 Day 20 Year 23

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

**DESIGNATED FACILITY**

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

| 1. | 2. | 3. | 4. |
|---|---|---|---|
| H141 | H141 | | |

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: JCoriano
Signature: JCoriano
Month 12 Day 24 Year 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

REPUBLIC SERVICES

# LAND DISPOSAL RESTRICTION AND CERTIFICATION FORM

**Generator:** COLORS & EFFECTS USA LLC
16 WHITE ST , BUCHANAN, NY 10511

**U.S. EPA ID No.:** NYD046341400

**Manifest:** 025926933JJK

Page - Line

1 - 01 **Approval:** 992158-SMM NWW

**Waste Code(s):** D001

**Hazardous Constituents:** 184 Toluene

**Subcategory(s):** D001 - High TOC Ignitable Characteristic Liquids Subcategory

**Certification:** Waste Subject To Treatment (40 CFR 268.7 (a)(2))
The restricted waste identified above must be treated to the applicable treatment standards in 40 CFR 268.40, or treated to comply with applicable Prohibitions set forth in Part 268.32 or RCRA Section 3004( and 268.49 (c)

1 - 02 **Approval:** 992381-SSM NWW

**Waste Code(s):** D001

**Hazardous Constituents:** 184 Toluene

**Subcategory(s):**

**Certification:** Waste Subject To Treatment (40 CFR 268.7 (a)(2))
The restricted waste identified above must be treated to the applicable treatment standards in 40 CFR 268.40, or treated to comply with applicable Prohibitions set forth in Part 268.32 or RCRA Section 3004( and 268.49 (c)

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

**Generator Signature:** Joseph Pagendarm **Title:** EHS SPECIALIST

**Printed Name:** JOSEPH PAGENDARM **Date:** 12/20/23

Line No. 1 - Wash waste generated during final tank rinse. (Ramboll Note)

3286

Please print or type.

Form Approved. OMB No. 2050-0039

| UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator ID Number NYD 043341460 (JP) | 2. Page 1 of 1 | 3. Emergency Response Phone 800-354-0210 | 4. Manifest Tracking Number 020676830 JJK |
|---|---|---|---|---|

5. Generator's Name and Mailing Address
COLORS AND EFFECTS USA LLC
1057 LOWER SOUTH STREET
PEEKSKILL, NY 10566
Generator's Phone: 914-402-3525

Generator's Site Address (if different than mailing address)
COLORS AND EFFECTS
16 WHITE STREET
BUCHANAN NY 10511

6. Transporter 1 Company Name [redacted] U.S. EPA ID Number [redacted]

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address
CYCLE CHEM, INC.
217 SOUTH FIRST STREET
ELIZABETH, NJ 07206
Facility's Phone: 908-355-5500

U.S. EPA ID Number NJD002200048

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
|---|---|---|---|---|---|---|---|---|
| | 1. RQ, UN1993, Waste Flammable Liquids, N.O.S. (n-Butyl Acetate, Toluene), 3, II (JP) | XX1 | TT | EST 575 | G | D001 | F | |
| | 2. | | | | | | | |
| | 3. | | | | | | | |
| | 4. | | | | | | | |

E

14. Special Handling Instructions and Additional Information
1) Profile #892356 Washwater Solvent, ERG #128
SO # APPROVAL #

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JOSEPH PAGENDARM Signature: [signature] Month: 12 Day: 14 Year: 23

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RANDALL HARDY Signature: [signature] Month: 12 Day: 14 Year: 23
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [signature] Signature: [signature] Month: 12 Day: 15 Year: 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

# LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM

**GENERATOR NAME** COLORS AND EFFECTS USA LLC
**EPA ID NUMBER** NYD~~982719122~~ 046341400 (JP)

**MANIFEST TRACKING NUMBER** 020676830JJK
**MANIFEST DOCUMENT NO.** 0206768307JJK
**WORK ORDER:** NW102386

The EPA hazardous wastes identified below must be treated to applicable treatment standards set forth in 40 CFR 268

| LINE | APPROVAL NO. | EPA WASTE NO.(S) | WW | SUB CATEGORY | UHC'S |
|---|---|---|---|---|---|
| 1 | | D001 | NO | Ignitable except high TOC ignitable liquids | Toluene |

I certify and warrant that the information that appears on this form, and appended documents, is true and correct. I have correctly indicated how my waste is to be managed in accordance with 40 CFR 268. My certification is based on personal examination of the information submitted, or is based on my inquiries of those individuals responsible for obtaining the information.

Authorized Signature Joseph Pagesh Title ENS Spec. Date 12/14/23

# Straight Bill of Lading

Please type or print

ACV ENVIRO

| 1. Generator EPA ID # (if applicable) | 2. Page 1 of | 3. Emergency Response # | 4. Document Tracking Number |
|---|---|---|---|
| N/A | 1 | 8008764699 | ACV 161872 |

**Generator**

5. Generator Name and Mailing Address
COLORS&EFFECTS
16 WHITE ST
BUCHANAN, NY 10511
Generator Phone: 912-402-3526

Generator's Site Address (if different)
SAME
ACV Job Number:

6. Transporter 1 Company Name: ACV Environmental Services, Inc.
US EPA ID Number (if applicable): NJD003812047

7. Transporter 2 Company Name
US EPA ID Number (if applicable)

8. Designated Facility Name and Mailing Address
TAYLOR RECYCLING
350 NEELYTOWN RD
MONTGOMERY, NY 12549
845-457-4021
US EPA ID Number (if applicable)

8. Designated Facility Phone:

| 9a. HM | 9b. Material Description (Proper shipping name required if DOT Hazardous Material) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit (Wt/Vol) | 13. Waste Codes |
|---|---|---|---|---|---|---|
| | 1. Crushed Fiberglass Tank C&D | X X 1 | CM | X X X X 5 | T | |
| | 2. | | | | | |
| | 3. | | | | | |
| | 4. | | | | | |

14. Special Handling Instructions and Additional Information
Sales Order# 8008764699
Contact: Mike Murphy Sr

TRK # 0062 CONTAINER # 25-0115

16. Generator/Offeror's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded and are in all respects proper condition for transport according to applicable international and national governmental regulations.

Printed/Typed Name: Anthony Zondervan
Signature:
Month: 12 Day: 19 Year: 23

**Transporter**

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: RANDALL HARDY
Signature:
Month: 12 Day: 19 Year: 23

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

**Facility**

19. Discrepancy Indication Space (to be completed by Designated Facility)

20. Discrepancy Facility: Certification of receipt of the materials covered by this shipping paper except as noted in item 19
Printed/Typed Name
Signature
Month Day Year

Revised January 2018

13278-40-5

# Straight Bill of Lading

Please type or print

ACV ENVIRO

| 1. Generator EPA ID # (if applicable) | 2. Page 1 of | 3. Emergency Response # | 4. Document Tracking Number |
|---|---|---|---|
| N/A | 1 | 8008764699 | ACV 161869 |

**Generator**

5. Generator Name and Mailing Address
COLORS&EFFECTS
16 WHITE ST
BUCHANAN, NY 10511
Generator Phone: 912-402-3526

Generator's Site Address (if different)
SAME
ACV Job Number:

6. Transporter 1 Company Name
ACV Environmental Services, Inc.
US EPA ID Number (if applicable)
NJD003812047

7. Transporter 2 Company Name
US EPA ID Number (if applicable)

8. Designated Facility Name and Mailing Address
TAYLOR RECYCLING
350 NEELYTOWN RD
MONTGOMERY, NY 12549
845-457-4021
US EPA ID Number (if applicable)

8. Designated Facility Phone:

| 9a. HM | 9b. Material Description (Proper shipping name required if DOT Hazardous Material) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit (Wt/Vol) | 13. Waste Codes |
|---|---|---|---|---|---|---|
| | 1. CONCRETE DEBRIS C&D | XX1 | CH | EST XXX10 | T | |
| | 2. | | | | | |
| | 3. | | | | | |
| | 4. | | | | | |

14. Special Handling Instructions and Additional Information
Sales Order# 8008764699
Contact: Mike Murphy Sr
TRK# 0062 CONTAINER# 25-0172

16. Generator/Offeror's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded and are in all respects proper condition for transport according to applicable international and national governmental regulations.

Printed/Typed Name: JOSEPH PAGGENDARM | Signature | Month: 12 | Day: 19 | Year: 23

**Transporter**

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: RANDALL HARDY | Signature | Month: 12 | Day: 19 | Year: 23

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

**Facility**

19. Discrepancy Indication Space (to be completed by Designated Facility)

20. Discrepancy Facility: Certification of receipt of the materials covered by this shipping paper except as noted in item 19
Printed/Typed Name | Signature | Month | Day | Year

# Straight Bill of Lading

Please type or print

ACV ENVIRO

| 1. Generator EPA ID # (if applicable) | 2. Page 1 of | 3. Emergency Response # | 4. Document Tracking Number |
|---|---|---|---|
| N/A | 1 | 8008764699 | ACV 161870 |

**Generator**

5. Generator Name and Mailing Address
COLORS&EFFECTS
16 WHITE ST
BUCHANAN, NY 10511
Generator Phone: 912-402-3526

Generator's Site Address (if different)
SAME
ACV Job Number:

6. Transporter 1 Company Name: ACV Environmental Services, Inc.
US EPA ID Number (if applicable): NJD003812047

7. Transporter 2 Company Name
US EPA ID Number (if applicable)

8. Designated Facility Name and Mailing Address
TAYLOR RECYCLING
350 NEELYTOWN RD
MONTGOMERY, NY 12549
845-457-4021
US EPA ID Number (if applicable)
8. Designated Facility Phone:

| 9a. HM | 9b. Material Description (Proper shipping name required if DOT Hazardous Material) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit (Wt/Vol) | 13. Waste Codes |
|---|---|---|---|---|---|---|
| | 1. CONCRETE DEBRIS C&D | X X 1 | CM | EST X X XX 1/2 | T | |
| | 2. | | | | | |
| | 3. | | | | | |
| | 4. | | | | | |

14. Special Handling Instructions and Additional Information
Sales Order#
8008764699
Contact: Mike Murphy Sr
TRK# 0062 CONTAINER# 25-0115

**Transporter**

16. Generator/Offeror's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded and are in all respects proper condition for transport according to applicable international and national governmental regulations.

| Printed/Typed Name | Signature | Month | Day | Year |
|---|---|---|---|---|
| Anthony Zondarman | | 12 | 18 | 23 |

17. Transporter 1 Acknowledgment of Receipt of Materials

| Printed/Typed Name | Signature | Month | Day | Year |
|---|---|---|---|---|
| RANDALL HARDY | | 12 | 18 | 23 |

18. Transporter 2 Acknowledgment of Receipt of Materials

| Printed/Typed Name | Signature | Month | Day | Year |
|---|---|---|---|---|
| | | | | |

**Facility**

19. Discrepancy Indication Space (to be completed by Designated Facility)

20. Discrepancy Facility: Certification of receipt of the materials covered by this shipping paper except as noted in item 19

| Printed/Typed Name | Signature | Month | Day | Year |
|---|---|---|---|---|
| | | | | |

# UST Steel BOL

SUN CHEMICAL

Non-Hazardous

STRAIGHT BILL OF LADING

MEMORANDUM

"SINGLE SHIPMENT ONLY"

| SHIPMENT NO | ACTUAL SHIP DATE | P.O. DATE | P.O. NO. | BILL OF LADING # |
|---|---|---|---|---|
| | 19-Dec-2023 | | 190 | 12192023 |
| Packing List Enclosed | MSDS Enclosed | VEHICLE NO | TRAILER NO | Placards Tendered |

| CONSIGNEE (TO) | SHIPPER (FROM) |
|---|---|
| Sun Chemical | Sun Chemical |
| STREET | STREET |
| 1967 Lower South St | 10 WHITE STREET |
| CITY, STATE, ZIP | CITY, STATE, ZIP |
| Peekskill, NY, 10566 | BUCHANAN, NY 10511 |
| DELIVERY INSTRUCTIONS/COMMENTS ⇨ | Set by BZ6 on blocks for future use |

| NUMBER SHIPPING UNITS | Hazardous Material | Kind of Packaging, Description of Articles, Special Marks and Exceptions | ERG | CLASS | WEIGHT (LBS) (SUBJECT TO CORRECTION) |
|---|---|---|---|---|---|
| 1 | No | 1 Empty 8000 gallon tank for reuse | N/A | N/A | 10,000 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| TOTAL NO. OF PIECES | 1 | TOTAL GROSS WEIGHT (lbs) | 10,000 LBS. |
|---|---|---|---|

| | | |
|---|---|---|
| | X | PREPAID |
| | | COLLECT |

PREPAID IF BOX NOT CHECKED

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. If the value is omitted, the shipment will be subject to the lowest actual or released value in OMF 100 series. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ _____ PER _____

Subject to section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and any other charges.

_____
(Signature of Consignor)

"THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION"

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. This Bill of Lading is a receipt for goods; it is not of itself a contract of cartage.

It is mutually agreed as to each carrier of all or any said property, over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be to all the items and conditions contained in the applicable contract between shipper and carrier or intermediary. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

| SHIPPER | CARRIER |
|---|---|
| Sun Chemical, 10 White St Buchanan, NY 10506 | Highland Welding |
| AUTHORIZED SIGNATURE _____ DATE 12/19/23 | AUTHORIZED SIGNATURE _____ DATE 12/19/23 |

**FOR CHEMICAL EMERGENCY-Spill, Leak, Fire, Exposure, or Accident-Day or Night

1-800-424-9300 or Dial 1-800-832-help

# ATTACHMENT E
# SOIL BORING LOGS

RAMBOLL

# SOIL BORING LOG

**BORING ID:** SB-01
**GEOLOGIST:** Mark Randazzo

| | | | | | |
|---|---|---|---|---|---|
| PROJECT: | HW UST Closure Project | SITE NAME: | Color & Effects - 16 White Street | DATE STARTED: | 12/12/2023 |
| CLIENT: | Sun Chemical | SITE LOC.: | Buchanan, New York | DATE COMPLETED: | 12/12/2023 |
| JOB #: | 1940105034 | SAMPLE ID.: | NA | SAMPLE TIME: | NA |

| | | | |
|---|---|---|---|
| DRILL CONT: | Cascade Drilling | DRILLING METHOD: | Direct Push |
| FOREMAN: | Chris Iodice | SAMPLER TYPE: | Macrocore |
| RIG TYPE: | Geoprobe 6610 DT | SAMPLER DIAM: | 2 in |
| PURPOSE: | Soil Boring | FINAL STATIC WL: | NA |

| Sample No. | Sample Start Depth (ft.) | Sample End Depth (ft.) | Penetration / Recovery | MATERIAL DESCRIPTION | General Stratum Description/ depth of change | Field Testing | |
|---|---|---|---|---|---|---|---|
| | | | | | | PID (ft) | PID (ppm) |
| | 0 | 0.5 | NA | Concrete | | | |
| 1 | 1 | 3 | 60/22 | Brown (7.5YR 4/2), Damp, F-CS SAND-M PEBBLES/trace silt and brick (FILL) | | 2.5 | <1 |
| | 3 | 6 | | Very Dark Grayish Brown (10YR 3/2), Damp, F-CS SAND-M PEBBLES/trace silt and brick | Fill | 5 | <1 |
| 2 | 6 | 8 | 60/30 | | | 7 | <1 |
| | | | | | | 9 | <1 |
| | 8 | 11 | | Very Dark Brown (7.5YR 2.5/2), Moist, SILTY-F. SAND/ | 9 | 10 | <1 |
| 3 | | | 24/24 | Little cs sand/trace fine gravel | Fill | | |
| | 11 | 13 | | Moist to wet | | 12 | 10.1 |
| | | | | Refusal (Bedrock) | 12'6" | | |

NOTES:
1. Soils screened for total volatile organic compounds using Minirae 3000 calibrated 100 ppm isobutylene.
2. Depth to bedrock based on refusal, surrounding geology, refusal at similar elevation in all borings, and drill rig response.
3. Soil samples collected for laboratory analysis of VOCs via 8260 at 7-8 and 12-13 foot intervals.
4. No visual or olfactory indications of impacted soils.




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# SOIL BORING LOG

**BORING ID:** SB-02
**GEOLOGIST:** Mark Randazzo

| | | | | | |
|---|---|---|---|---|---|
| PROJECT: | HW UST Closure Project | SITE NAME: | Color & Effects - 16 White Street | DATE STARTED: | 12/12/2023 |
| CLIENT: | Sun Chemical | SITE LOC.: | Buchanan, New York | DATE COMPLETED: | 12/12/2023 |
| JOB #: | 1940105034 | SAMPLE ID.: | NA | SAMPLE TIME: | NA |

| | | | |
|---|---|---|---|
| DRILL CONT: | Cascade Drilling | DRILLING METHOD: | Direct Push |
| FOREMAN: | Chris Iodice | SAMPLER TYPE: | Macrocore |
| RIG TYPE: | Geoprobe 6610 DT | SAMPLER DIAM: | 2 in |
| PURPOSE: | Soil Boring | FINAL STATIC WL: | NA |

| Sample No. | Sample Start Depth (ft.) | Sample End Depth (ft.) | Penetration / Recovery | MATERIAL DESCRIPTION | General Stratum Description/ depth of change | Field Testing | |
|---|---|---|---|---|---|---|---|
| | | | | | | PID (ft) | PID (ppm) |
| | 0 | 0.5 | NA | Concrete | | | |
| 1 | 1 | 3 | 60/22 | Dusky Red-Brown (2.5YR 4/2), Damp, M-CS SAND/little find sand and gravel | | 2 | <0.5 |
| | 3 | 6 | | | Fill | 4 | <0.5 |
| | | | | Brick noted at 5 feet | | | |
| 2 | 6 | 8 | 60/30 | Reddish Brown (5YR 5-4/2), Interbedded F-M PEBBLES and F-CS SAND | | 6 | <0.5 |
| | | | | | | 9 | <0.5 |
| | 8 | 11 | | | 11 | 10 | <0.5 |
| | | | 18/18 | Concrete ballast pad of UST | 11.5 | | |
| 3 | 11 | 13 | | Reddish Brown (5YR 5-4/2), moist-wet, F-CS SAND-GRAVEL/ little silt | Fill | | |
| | | | | | | 12 | <0.5 |
| | | | | Refusal (Bedrock) | 13 | | |

NOTES:
1. Soils screened for total volatile organic compounds using Minirae 3000 calibrated 100 ppm isobutylene.
2. Depth to bedrock based on refusal, surrounding geology, refusal at similar elevation in all borings, and drill rig response.
3. Soil samples collected for laboratory analysis of VOCs via 8260 at 9-10 and 12-13 foot intervals.
4. No visual or olfactory indications of impacted soils.




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# SOIL BORING LOG

**BORING ID:** SB-03
**GEOLOGIST:** Mark Randazzo

| | | | | | |
|---|---|---|---|---|---|
| PROJECT: | HW UST Closure Project | SITE NAME: | Color & Effects - 16 White Street | DATE STARTED: | 12/12/2023 |
| CLIENT: | Sun Chemical | SITE LOC.: | Buchanan, New York | DATE COMPLETED: | 12/12/2023 |
| JOB #: | 1940105034 | SAMPLE ID.: | NA | SAMPLE TIME: | NA |

| | | | |
|---|---|---|---|
| DRILL CONT: | Cascade Drilling | DRILLING METHOD: | Direct Push |
| FOREMAN: | Chris Iodice | SAMPLER TYPE: | Macrocore |
| RIG TYPE: | Geoprobe 6610 DT | SAMPLER DIAM: | 2 in |
| PURPOSE: | Soil Boring | FINAL STATIC WL: | NA |

| Sample No. | Sample Start Depth (ft.) | Sample End Depth (ft.) | Penetration / Recovery | MATERIAL DESCRIPTION | General Stratum Description/ depth of change | Field Testing | |
|---|---|---|---|---|---|---|---|
| | | | | | | PID (ft) | PID (ppm) |
| | 0 | 0.5 | NA | Concrete | 0.5 | | |
| 1 | 1 | 3 | 60/24 | Dark Brown (7.5YR 3/2), Damp, F SAND-SILT/trace pebbles | | 2.5 | <0.5 |
| | | | | | Fill | | |
| | 3 | 6 | | | 4 | 5 | <0.5 |
| | | | | Cobble 4-4.5 feet | 4.5 | | |
| 2 | 6 | 8 | 60/30 | Rust Brown (7.5YR 4/2), Damp, M-CS SAND/little silt/ trace sand-F-M Pebbles | | 7 | <0.5 |
| | | | | | | 9 | <0.5 |
| | 8 | 11 | | | | 10 | <0.5 |
| 3 | | | 24/24 | | Fill | | |
| | 11 | 13 | | Moist to wet on top of bedrock | | 12 | <0.5 |
| | | | | Refusal (Bedrock) | | | |

NOTES:
1. Soils screened for total volatile organic compounds using Minirae 3000 calibrated 100 ppm isobutylene.
2. Depth to bedrock based on refusal, surrounding geology, refusal at similar elevation in all borings, and drill rig response.
3. Soil samples collected for laboratory analysis of VOCs via 8260 at 7-8 and 11-12 foot intervals.
4. No visual or olfactory indications of impacted soils.




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# SOIL BORING LOG

**BORING ID:** SB-04
**GEOLOGIST:** Mark Randazzo

| | | | | | |
|---|---|---|---|---|---|
| PROJECT: | HW UST Closure Project | SITE NAME: | Color & Effects - 16 White Street | DATE STARTED: | 12/12/2023 |
| CLIENT: | Sun Chemical | SITE LOC.: | Buchanan, New York | DATE COMPLETED: | 12/12/2023 |
| JOB #: | 1940105034 | SAMPLE ID.: | NA | SAMPLE TIME: | NA |

| | | | |
|---|---|---|---|
| DRILL CONT: | Cascade Drilling | DRILLING METHOD: | Direct Push |
| FOREMAN: | Chris Iodice | SAMPLER TYPE: | Macrocore |
| RIG TYPE: | Geoprobe 6610 DT | SAMPLER DIAM: | 2 in |
| PURPOSE: | Soil Boring | FINAL STATIC WL: | NA |

| Sample No. | Sample Start Depth (ft.) | Sample End Depth (ft.) | Penetration / Recovery | MATERIAL DESCRIPTION | General Stratum Description/ depth of change | Field Testing | |
|---|---|---|---|---|---|---|---|
| | | | | | | PID (ft) | PID (ppm) |
| | 0 | 0.5 | NA | Concrete | | | |
| 1 | 1 | 3 | 60/30 | Dusky Red-Brown (2.5YR 4/1), Damp, F-M SAND and M-VCS PEBBLES | | 2.5 | <0.5 |
| | 3 | 6 | | | Fill | 5 | <0.5 |
| 2 | 6 | 8 | 60/30 | Reddish-Brown (2.5YR 5/4), Damp, F-CS SAND/little f-cs pebbles/trace silt and cobbles | | 6 | <0.5 |
| | | | | | | 9 | <0.5 |
| | 8 | 11 | | | | 11 | <0.5 |
| | | | | Moist to wet on top of bedrock | Fill | | |
| | | | | Refusal (Bedrock) | 11.5 | | |

NOTES:
1. Soils screened for total volatile organic compounds using Minirae 3000 calibrated 100 ppm isobutylene.
2. Depth to bedrock based on refusal, surrounding geology, refusal at similar elevation in all borings, and drill rig response.
3. Soil samples collected for laboratory analysis of VOCs via 8260 at 7-8 and 10-11 foot intervals. Blind duplicate SB-BD-1 collected at 10-11 feet.
4. No visual or olfactory indications of impacted soils.




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# ATTACHMENT F
# LABORATORY DATA

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mark Randazzo
Ramboll Americas Engineering Solutions
50 Main Street
White Plains NY 10606

Generated 12/15/2023 1:34 PM

## JOB DESCRIPTION

Buchanon, NY

## JOB NUMBER

460-294432-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.



my EOL

# Eurofins Edison

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

## Authorization



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# CASE NARRATIVE

## Client: Ramboll Americas Engineering Solutions

## Project: HW UST Closure 16 White Street, Buchanan

## Report Number: 460-294432-1

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 12/12/2023 3:45 PM. 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 2.6º C.

**Receipt Exceptions**

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. SB-BD-1 (460-294432-11) and SB-BD-1 (460-294432-12) SB-BD-1 was listed twice on the COC but only received one set. #12 was canceled.

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 (GC/MS)**

Samples SB-1 (7-8) (460-294432-1), SB-2 (9-10) (460-294432-2), SB-1 (12-13) (460-294432-3), SB-2 (12-13) (460-294432-4), SB-3 (11-12) (460-294432-5), SB-3 (7-8) (460-294432-6), SB-4 (7-8) (460-294432-9), SB-4 (10-11) (460-294432-10) and SB-BD-1 (460-294432-11) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 12/12/2023 and analyzed on 12/13/2023 and 12/14/2023.

Samples Eqt. Blank-1 (460-294432-7) and Trip Blank-1 (460-294432-8) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 12/13/2023.

The continuing calibration verification (CCV) analyzed in batch 460-949644 was outside the method criteria for the following analyte: Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-949836 was outside the method criteria for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene and Methyl acetate (biased high) and 1,2,4-Trichlorobenzene and Trichlorofluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following sample was outside of acceptance limits: SB-1 (12-13) (460-294432-3). The corresponding target analyte 1,4-Dioxane was not detected. Re-analysis was not performed.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

**PERCENT SOLIDS/PERCENT MOISTURE**

Samples SB-1 (7-8) (460-294432-1), SB-2 (9-10) (460-294432-2), SB-1 (12-13) (460-294432-3), SB-2 (12-13) (460-294432-4), SB-3 (11-12) (460-294432-5), SB-3 (7-8) (460-294432-6), SB-4 (7-8) (460-294432-9), SB-4 (10-11) (460-294432-10) and SB-BD-1

(460-294432-11) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 12/13/2023.

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

All quality control parameters were within the acceptance limits.

# Sample Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 460-294432-1
Project/Site: HW UST Closure 16 White Street, Buchanan

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 460-294432-1 | SB-1 (7-8) | Solid | 12/12/23 09:00 | 12/12/23 15:45 |
| 460-294432-2 | SB-2 (9-10) | Solid | 12/12/23 10:00 | 12/12/23 15:45 |
| 460-294432-3 | SB-1 (12-13) | Solid | 12/12/23 09:20 | 12/12/23 15:45 |
| 460-294432-4 | SB-2 (12-13) | Solid | 12/12/23 10:20 | 12/12/23 15:45 |
| 460-294432-5 | SB-3 (11-12) | Solid | 12/12/23 11:20 | 12/12/23 15:45 |
| 460-294432-6 | SB-3 (7-8) | Solid | 12/12/23 11:00 | 12/12/23 15:45 |
| 460-294432-7 | Eqt. Blank-1 | Water | 12/12/23 12:00 | 12/12/23 15:45 |
| 460-294432-8 | Trip Blank-1 | Water | 12/12/23 13:00 | 12/12/23 15:45 |
| 460-294432-9 | SB-4 (7-8) | Solid | 12/12/23 12:15 | 12/12/23 15:45 |
| 460-294432-10 | SB-4 (10-11) | Solid | 12/12/23 12:30 | 12/12/23 15:45 |
| 460-294432-11 | SB-BD-1 | Solid | 12/12/23 00:00 | 12/12/23 15:45 |

# Detection Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 460-294432-1
Project/Site: HW UST Closure 16 White Street, Buchanan

## Client Sample ID: SB-1 (7-8) — Lab Sample ID: 460-294432-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Toluene | 3.4 | | 0.84 | 0.20 | ug/Kg | 1 | ☼ | 8260D | Total/NA |

## Client Sample ID: SB-2 (9-10) — Lab Sample ID: 460-294432-2

No Detections.

## Client Sample ID: SB-1 (12-13) — Lab Sample ID: 460-294432-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | 3.7 | J | 4.2 | 0.31 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| Acetone | 21 | | 5.0 | 4.7 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| Carbon disulfide | 1.1 | | 0.83 | 0.22 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| Ethylbenzene | 0.39 | J | 0.83 | 0.17 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| m-Xylene & p-Xylene | 1.3 | | 0.83 | 0.14 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| o-Xylene | 0.34 | J | 0.83 | 0.16 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| Toluene | 11 | | 0.83 | 0.19 | ug/Kg | 1 | ☼ | 8260D | Total/NA |

## Client Sample ID: SB-2 (12-13) — Lab Sample ID: 460-294432-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.82 | J | 0.85 | 0.17 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| m-Xylene & p-Xylene | 2.8 | | 0.85 | 0.15 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| o-Xylene | 0.29 | J | 0.85 | 0.16 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| Toluene | 0.51 | J | 0.85 | 0.20 | ug/Kg | 1 | ☼ | 8260D | Total/NA |

## Client Sample ID: SB-3 (11-12) — Lab Sample ID: 460-294432-5

No Detections.

## Client Sample ID: SB-3 (7-8) — Lab Sample ID: 460-294432-6

No Detections.

## Client Sample ID: Eqt. Blank-1 — Lab Sample ID: 460-294432-7

No Detections.

## Client Sample ID: Trip Blank-1 — Lab Sample ID: 460-294432-8

No Detections.

## Client Sample ID: SB-4 (7-8) — Lab Sample ID: 460-294432-9

No Detections.

## Client Sample ID: SB-4 (10-11) — Lab Sample ID: 460-294432-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 9.5 | | 5.1 | 4.9 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| Benzene | 0.69 | J | 0.85 | 0.22 | ug/Kg | 1 | ☼ | 8260D | Total/NA |
| Toluene | 0.38 | J | 0.85 | 0.20 | ug/Kg | 1 | ☼ | 8260D | Total/NA |

## Client Sample ID: SB-BD-1 — Lab Sample ID: 460-294432-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Toluene | 0.23 | J | 0.83 | 0.19 | ug/Kg | 1 | ☼ | 8260D | Total/NA |

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 460-294432-1
Project/Site: HW UST Closure 16 White Street, Buchanan

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260D | Volatile Organic Compounds by GC/MS | SW846 | EET EDI |
| Moisture | Percent Moisture | EPA | EET EDI |
| 5030C | Purge and Trap | SW846 | EET EDI |
| 5035 | Closed System Purge and Trap | SW846 | EET EDI |

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

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

## Client Sample ID: SB-1 (7-8)
**Date Collected: 12/12/23 09:00**
**Date Received: 12/12/23 15:45**

## Lab Sample ID: 460-294432-1
**Matrix: Solid**
**Percent Solids: 96.5**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.19 | U | 0.84 | 0.19 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.84 | 0.18 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.25 | U | 0.84 | 0.25 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,1,2-Trichloroethane | 0.15 | U | 0.84 | 0.15 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,1-Dichloroethane | 0.17 | U | 0.84 | 0.17 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,1-Dichloroethene | 0.19 | U | 0.84 | 0.19 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,2,3-Trichlorobenzene | 0.15 | U | 0.84 | 0.15 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,2,4-Trichlorobenzene | 0.30 | U | 0.84 | 0.30 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 0.84 | 0.35 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,3-Dichlorobenzene | 0.31 | U | 0.84 | 0.31 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,4-Dichlorobenzene | 0.19 | U | 0.84 | 0.19 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,4-Dioxane | 7.7 | U | 84 | 7.7 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 2-Butanone (MEK) | 0.31 | U | 4.2 | 0.31 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 2-Hexanone | 1.4 | U | 4.2 | 1.4 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.2 | 1.3 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Acetone | 4.8 | U | 5.0 | 4.8 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Benzene | 0.22 | U | 0.84 | 0.22 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Bromoform | 0.36 | U | 0.84 | 0.36 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Bromomethane | 0.84 | U | 1.7 | 0.84 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Carbon disulfide | 0.22 | U | 0.84 | 0.22 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Carbon tetrachloride | 0.32 | U | 0.84 | 0.32 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Chlorobenzene | 0.15 | U | 0.84 | 0.15 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Chlorobromomethane | 0.23 | U | 0.84 | 0.23 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Chlorodibromomethane | 0.16 | U | 0.84 | 0.16 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Chloroethane | 0.44 | U | 0.84 | 0.44 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Chloroform | 0.81 | U | 0.84 | 0.81 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Chloromethane | 0.36 | U | 0.84 | 0.36 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| cis-1,2-Dichloroethene | 0.30 | U | 0.84 | 0.30 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| cis-1,3-Dichloropropene | 0.23 | U | 0.84 | 0.23 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Cyclohexane | 0.18 | U | 0.84 | 0.18 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Dichlorobromomethane | 0.21 | U | 0.84 | 0.21 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Dichlorodifluoromethane | 0.28 | U | 0.84 | 0.28 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Ethylbenzene | 0.17 | U | 0.84 | 0.17 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Ethylene Dibromide | 0.15 | U | 0.84 | 0.15 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Isopropylbenzene | 0.24 | U | 0.84 | 0.24 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Methyl acetate | 3.6 | U | 4.2 | 3.6 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Methyl tert-butyl ether | 0.43 | U | 0.84 | 0.43 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Methylcyclohexane | 0.42 | U | 0.84 | 0.42 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Methylene Chloride | 0.96 | U | 1.7 | 0.96 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| m-Xylene & p-Xylene | 0.15 | U | 0.84 | 0.15 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| o-Xylene | 0.16 | U | 0.84 | 0.16 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Styrene | 0.23 | U | 0.84 | 0.23 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Tetrachloroethene | 0.25 | U | 0.84 | 0.25 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| **Toluene** | **3.4** | | 0.84 | 0.20 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| trans-1,2-Dichloroethene | 0.21 | U | 0.84 | 0.21 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 0.84 | 0.22 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Trichloroethene | 0.27 | U | 0.84 | 0.27 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Trichlorofluoromethane | 0.34 | U | 0.84 | 0.34 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Vinyl chloride | 0.46 | U | 0.84 | 0.46 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |

## Client Sample ID: SB-1 (7-8)
**Lab Sample ID: 460-294432-1**

**Date Collected: 12/12/23 09:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 96.5**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 0.25 | U | 0.84 | 0.25 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,2-Dichlorobenzene | 0.30 | U | 0.84 | 0.30 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.38 | U | 0.84 | 0.38 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| Isopropyl acetate | 0.26 | U | 1.7 | 0.26 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |
| n-Butyl acetate | 0.77 | U | 1.7 | 0.77 | ug/Kg | ☼ | 12/12/23 23:32 | 12/13/23 13:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *72 - 138* | *12/12/23 23:32* | *12/13/23 13:59* | *1* |
| *4-Bromofluorobenzene* | *105* | | *63 - 139* | *12/12/23 23:32* | *12/13/23 13:59* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *54 - 150* | *12/12/23 23:32* | *12/13/23 13:59* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | *12/12/23 23:32* | *12/13/23 13:59* | *1* |

## Client Sample ID: SB-2 (9-10)
**Lab Sample ID: 460-294432-2**

**Date Collected: 12/12/23 10:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.6**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.23 | U | 0.98 | 0.23 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.21 | U | 0.98 | 0.21 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.30 | U | 0.98 | 0.30 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,1,2-Trichloroethane | 0.17 | U | 0.98 | 0.17 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,1-Dichloroethane | 0.20 | U | 0.98 | 0.20 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,1-Dichloroethene | 0.22 | U | 0.98 | 0.22 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,2,3-Trichlorobenzene | 0.18 | U | 0.98 | 0.18 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,2,4-Trichlorobenzene | 0.35 | U | 0.98 | 0.35 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,2-Dichloropropane | 0.41 | U | 0.98 | 0.41 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,3-Dichlorobenzene | 0.36 | U | 0.98 | 0.36 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,4-Dichlorobenzene | 0.22 | U | 0.98 | 0.22 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,4-Dioxane | 9.0 | U | 98 | 9.0 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 2-Butanone (MEK) | 0.36 | U | 4.9 | 0.36 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 2-Hexanone | 1.7 | U | 4.9 | 1.7 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.5 | U | 4.9 | 1.5 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Acetone | 5.6 | U | 5.9 | 5.6 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Benzene | 0.25 | U | 0.98 | 0.25 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Bromoform | 0.42 | U | 0.98 | 0.42 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Bromomethane | 0.98 | U | 2.0 | 0.98 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Carbon disulfide | 0.26 | U | 0.98 | 0.26 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Carbon tetrachloride | 0.38 | U | 0.98 | 0.38 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Chlorobenzene | 0.17 | U | 0.98 | 0.17 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Chlorobromomethane | 0.28 | U | 0.98 | 0.28 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Chlorodibromomethane | 0.19 | U | 0.98 | 0.19 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Chloroethane | 0.51 | U | 0.98 | 0.51 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Chloroform | 0.95 | U | 0.98 | 0.95 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Chloromethane | 0.43 | U | 0.98 | 0.43 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| cis-1,2-Dichloroethene | 0.35 | U | 0.98 | 0.35 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| cis-1,3-Dichloropropene | 0.27 | U | 0.98 | 0.27 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Cyclohexane | 0.22 | U | 0.98 | 0.22 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Dichlorobromomethane | 0.25 | U | 0.98 | 0.25 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Dichlorodifluoromethane | 0.33 | U | 0.98 | 0.33 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |

## Client Sample ID: SB-2 (9-10)
**Lab Sample ID: 460-294432-2**
**Date Collected: 12/12/23 10:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.6**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.20 | U | 0.98 | 0.20 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Ethylene Dibromide | 0.18 | U | 0.98 | 0.18 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Isopropylbenzene | 0.28 | U | 0.98 | 0.28 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Methyl acetate | 4.2 | U | 4.9 | 4.2 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Methyl tert-butyl ether | 0.50 | U | 0.98 | 0.50 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Methylcyclohexane | 0.49 | U | 0.98 | 0.49 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Methylene Chloride | 1.1 | U | 2.0 | 1.1 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| m-Xylene & p-Xylene | 0.17 | U | 0.98 | 0.17 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| o-Xylene | 0.19 | U | 0.98 | 0.19 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Styrene | 0.27 | U | 0.98 | 0.27 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Tetrachloroethene | 0.30 | U | 0.98 | 0.30 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Toluene | 0.23 | U | 0.98 | 0.23 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 0.98 | 0.24 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| trans-1,3-Dichloropropene | 0.26 | U | 0.98 | 0.26 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Trichloroethene | 0.31 | U | 0.98 | 0.31 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Trichlorofluoromethane | 0.40 | U | 0.98 | 0.40 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Vinyl chloride | 0.54 | U | 0.98 | 0.54 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,2-Dichloroethane | 0.29 | U | 0.98 | 0.29 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,2-Dichlorobenzene | 0.35 | U | 0.98 | 0.35 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.45 | U | 0.98 | 0.45 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| Isopropyl acetate | 0.30 | U | 2.0 | 0.30 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |
| n-Butyl acetate | 0.90 | U | 2.0 | 0.90 | ug/Kg | ☼ | 12/12/23 23:33 | 12/13/23 14:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *72 - 138* | *12/12/23 23:33* | *12/13/23 14:22* | *1* |
| *4-Bromofluorobenzene* | *110* | | *63 - 139* | *12/12/23 23:33* | *12/13/23 14:22* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *54 - 150* | *12/12/23 23:33* | *12/13/23 14:22* | *1* |
| *Toluene-d8 (Surr)* | *104* | | *71 - 126* | *12/12/23 23:33* | *12/13/23 14:22* | *1* |

## Client Sample ID: SB-1 (12-13)
**Lab Sample ID: 460-294432-3**
**Date Collected: 12/12/23 09:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.7**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.19 | U | 0.83 | 0.19 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.83 | 0.18 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.25 | U | 0.83 | 0.25 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,1,2-Trichloroethane | 0.15 | U | 0.83 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,1-Dichloroethane | 0.17 | U | 0.83 | 0.17 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,1-Dichloroethene | 0.19 | U | 0.83 | 0.19 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,2,3-Trichlorobenzene | 0.15 | U | 0.83 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,2,4-Trichlorobenzene | 0.30 | U | 0.83 | 0.30 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 0.83 | 0.35 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,3-Dichlorobenzene | 0.30 | U | 0.83 | 0.30 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,4-Dichlorobenzene | 0.19 | U | 0.83 | 0.19 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,4-Dioxane | 7.6 | U *3 | 83 | 7.6 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| **2-Butanone (MEK)** | **3.7** | **J** | 4.2 | 0.31 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 2-Hexanone | 1.4 | U | 4.2 | 1.4 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.2 | 1.3 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |

## Client Sample ID: SB-1 (12-13)
**Date Collected: 12/12/23 09:20**
**Date Received: 12/12/23 15:45**

## Lab Sample ID: 460-294432-3
**Matrix: Solid**
**Percent Solids: 98.7**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acetone** | **21** | | 5.0 | 4.7 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Benzene | 0.21 | U | 0.83 | 0.21 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Bromoform | 0.35 | U | 0.83 | 0.35 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Bromomethane | 0.83 | U | 1.7 | 0.83 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| **Carbon disulfide** | **1.1** | | 0.83 | 0.22 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Carbon tetrachloride | 0.32 | U | 0.83 | 0.32 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Chlorobenzene | 0.15 | U | 0.83 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Chlorobromomethane | 0.23 | U | 0.83 | 0.23 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Chlorodibromomethane | 0.16 | U | 0.83 | 0.16 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Chloroethane | 0.43 | U | 0.83 | 0.43 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Chloroform | 0.81 | U | 0.83 | 0.81 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Chloromethane | 0.36 | U | 0.83 | 0.36 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| cis-1,2-Dichloroethene | 0.30 | U | 0.83 | 0.30 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| cis-1,3-Dichloropropene | 0.23 | U | 0.83 | 0.23 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Cyclohexane | 0.18 | U | 0.83 | 0.18 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Dichlorobromomethane | 0.21 | U | 0.83 | 0.21 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Dichlorodifluoromethane | 0.28 | U | 0.83 | 0.28 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| **Ethylbenzene** | **0.39** | **J** | 0.83 | 0.17 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Ethylene Dibromide | 0.15 | U | 0.83 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Isopropylbenzene | 0.24 | U | 0.83 | 0.24 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Methyl acetate | 3.6 | U | 4.2 | 3.6 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Methyl tert-butyl ether | 0.43 | U | 0.83 | 0.43 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Methylcyclohexane | 0.41 | U | 0.83 | 0.41 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Methylene Chloride | 0.95 | U | 1.7 | 0.95 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| **m-Xylene & p-Xylene** | **1.3** | | 0.83 | 0.14 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| **o-Xylene** | **0.34** | **J** | 0.83 | 0.16 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Styrene | 0.23 | U | 0.83 | 0.23 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Tetrachloroethene | 0.25 | U | 0.83 | 0.25 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| **Toluene** | **11** | | 0.83 | 0.19 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| trans-1,2-Dichloroethene | 0.20 | U | 0.83 | 0.20 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 0.83 | 0.22 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Trichloroethene | 0.27 | U | 0.83 | 0.27 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Trichlorofluoromethane | 0.34 | U | 0.83 | 0.34 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Vinyl chloride | 0.45 | U | 0.83 | 0.45 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,2-Dichloroethane | 0.25 | U | 0.83 | 0.25 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,2-Dichlorobenzene | 0.30 | U | 0.83 | 0.30 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.38 | U | 0.83 | 0.38 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| Isopropyl acetate | 0.25 | U | 1.7 | 0.25 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |
| n-Butyl acetate | 0.77 | U | 1.7 | 0.77 | ug/Kg | ☼ | 12/12/23 23:35 | 12/14/23 12:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *129* | | *72 - 138* | *12/12/23 23:35* | *12/14/23 12:13* | *1* |
| *4-Bromofluorobenzene* | *101* | | *63 - 139* | *12/12/23 23:35* | *12/14/23 12:13* | *1* |
| *Dibromofluoromethane (Surr)* | *120* | | *54 - 150* | *12/12/23 23:35* | *12/14/23 12:13* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *71 - 126* | *12/12/23 23:35* | *12/14/23 12:13* | *1* |

## Client Sample ID: SB-2 (12-13)
**Date Collected: 12/12/23 10:20**
**Date Received: 12/12/23 15:45**

## Lab Sample ID: 460-294432-4
**Matrix: Solid**
**Percent Solids: 98.3**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.20 | U | 0.85 | 0.20 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.85 | 0.18 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.25 | U | 0.85 | 0.25 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,1,2-Trichloroethane | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,1-Dichloroethane | 0.17 | U | 0.85 | 0.17 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,1-Dichloroethene | 0.19 | U | 0.85 | 0.19 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,2,3-Trichlorobenzene | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,2,4-Trichlorobenzene | 0.30 | U | 0.85 | 0.30 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,2-Dichloropropane | 0.36 | U | 0.85 | 0.36 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,3-Dichlorobenzene | 0.31 | U | 0.85 | 0.31 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,4-Dichlorobenzene | 0.19 | U | 0.85 | 0.19 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,4-Dioxane | 7.8 | U | 85 | 7.8 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 2-Butanone (MEK) | 0.31 | U | 4.2 | 0.31 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 2-Hexanone | 1.4 | U | 4.2 | 1.4 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.2 | 1.3 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Acetone | 4.8 | U | 5.1 | 4.8 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Benzene | 0.22 | U | 0.85 | 0.22 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Bromoform | 0.36 | U | 0.85 | 0.36 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Bromomethane | 0.85 | U | 1.7 | 0.85 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Carbon disulfide | 0.23 | U | 0.85 | 0.23 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Carbon tetrachloride | 0.33 | U | 0.85 | 0.33 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Chlorobenzene | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Chlorobromomethane | 0.24 | U | 0.85 | 0.24 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Chlorodibromomethane | 0.16 | U | 0.85 | 0.16 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Chloroethane | 0.44 | U | 0.85 | 0.44 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Chloroform | 0.82 | U | 0.85 | 0.82 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Chloromethane | 0.37 | U | 0.85 | 0.37 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| cis-1,2-Dichloroethene | 0.30 | U | 0.85 | 0.30 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| cis-1,3-Dichloropropene | 0.23 | U | 0.85 | 0.23 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Cyclohexane | 0.19 | U | 0.85 | 0.19 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Dichlorobromomethane | 0.22 | U | 0.85 | 0.22 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Dichlorodifluoromethane | 0.29 | U | 0.85 | 0.29 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| **Ethylbenzene** | **0.82** | **J** | 0.85 | 0.17 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Ethylene Dibromide | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Isopropylbenzene | 0.24 | U | 0.85 | 0.24 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Methyl acetate | 3.6 | U | 4.2 | 3.6 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Methyl tert-butyl ether | 0.43 | U | 0.85 | 0.43 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Methylcyclohexane | 0.42 | U | 0.85 | 0.42 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Methylene Chloride | 0.97 | U | 1.7 | 0.97 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| **m-Xylene & p-Xylene** | **2.8** | | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| **o-Xylene** | **0.29** | **J** | 0.85 | 0.16 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Styrene | 0.24 | U | 0.85 | 0.24 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Tetrachloroethene | 0.26 | U | 0.85 | 0.26 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| **Toluene** | **0.51** | **J** | 0.85 | 0.20 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| trans-1,2-Dichloroethene | 0.21 | U | 0.85 | 0.21 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| trans-1,3-Dichloropropene | 0.23 | U | 0.85 | 0.23 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Trichloroethene | 0.27 | U | 0.85 | 0.27 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Trichlorofluoromethane | 0.34 | U | 0.85 | 0.34 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Vinyl chloride | 0.46 | U | 0.85 | 0.46 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |

## Client Sample ID: SB-2 (12-13)
**Lab Sample ID: 460-294432-4**

**Date Collected: 12/12/23 10:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.3**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 0.25 | U | 0.85 | 0.25 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,2-Dichlorobenzene | 0.31 | U | 0.85 | 0.31 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.39 | U | 0.85 | 0.39 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| Isopropyl acetate | 0.26 | U | 1.7 | 0.26 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |
| n-Butyl acetate | 0.78 | U | 1.7 | 0.78 | ug/Kg | ☼ | 12/12/23 23:35 | 12/13/23 15:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *72 - 138* | *12/12/23 23:35* | *12/13/23 15:08* | *1* |
| *4-Bromofluorobenzene* | *105* | | *63 - 139* | *12/12/23 23:35* | *12/13/23 15:08* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *54 - 150* | *12/12/23 23:35* | *12/13/23 15:08* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *71 - 126* | *12/12/23 23:35* | *12/13/23 15:08* | *1* |

## Client Sample ID: SB-3 (11-12)
**Lab Sample ID: 460-294432-5**

**Date Collected: 12/12/23 11:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.3**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.18 | U | 0.78 | 0.18 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.17 | U | 0.78 | 0.17 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.23 | U | 0.78 | 0.23 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,1,2-Trichloroethane | 0.14 | U | 0.78 | 0.14 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,1-Dichloroethane | 0.16 | U | 0.78 | 0.16 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,1-Dichloroethene | 0.18 | U | 0.78 | 0.18 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,2,3-Trichlorobenzene | 0.14 | U | 0.78 | 0.14 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,2,4-Trichlorobenzene | 0.28 | U | 0.78 | 0.28 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,2-Dichloropropane | 0.33 | U | 0.78 | 0.33 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,3-Dichlorobenzene | 0.28 | U | 0.78 | 0.28 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,4-Dichlorobenzene | 0.18 | U | 0.78 | 0.18 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,4-Dioxane | 7.1 | U | 78 | 7.1 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 2-Butanone (MEK) | 0.29 | U | 3.9 | 0.29 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 2-Hexanone | 1.3 | U | 3.9 | 1.3 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.2 | U | 3.9 | 1.2 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Acetone | 4.4 | U | 4.7 | 4.4 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Benzene | 0.20 | U | 0.78 | 0.20 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Bromoform | 0.33 | U | 0.78 | 0.33 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Bromomethane | 0.78 | U | 1.6 | 0.78 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Carbon disulfide | 0.21 | U | 0.78 | 0.21 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Carbon tetrachloride | 0.30 | U | 0.78 | 0.30 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Chlorobenzene | 0.14 | U | 0.78 | 0.14 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Chlorobromomethane | 0.22 | U | 0.78 | 0.22 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Chlorodibromomethane | 0.15 | U | 0.78 | 0.15 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Chloroethane | 0.41 | U | 0.78 | 0.41 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Chloroform | 0.76 | U | 0.78 | 0.76 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Chloromethane | 0.34 | U | 0.78 | 0.34 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| cis-1,2-Dichloroethene | 0.28 | U | 0.78 | 0.28 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| cis-1,3-Dichloropropene | 0.21 | U | 0.78 | 0.21 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Cyclohexane | 0.17 | U | 0.78 | 0.17 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Dichlorobromomethane | 0.20 | U | 0.78 | 0.20 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Dichlorodifluoromethane | 0.26 | U | 0.78 | 0.26 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |

## Client Sample ID: SB-3 (11-12)
**Lab Sample ID: 460-294432-5**

**Date Collected: 12/12/23 11:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.3**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.15 | U | 0.78 | 0.15 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Ethylene Dibromide | 0.14 | U | 0.78 | 0.14 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Isopropylbenzene | 0.22 | U | 0.78 | 0.22 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Methyl acetate | 3.3 | U | 3.9 | 3.3 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Methyl tert-butyl ether | 0.40 | U | 0.78 | 0.40 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Methylcyclohexane | 0.39 | U | 0.78 | 0.39 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Methylene Chloride | 0.89 | U | 1.6 | 0.89 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| m-Xylene & p-Xylene | 0.14 | U | 0.78 | 0.14 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| o-Xylene | 0.15 | U | 0.78 | 0.15 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Styrene | 0.22 | U | 0.78 | 0.22 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Tetrachloroethene | 0.24 | U | 0.78 | 0.24 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Toluene | 0.18 | U | 0.78 | 0.18 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| trans-1,2-Dichloroethene | 0.19 | U | 0.78 | 0.19 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| trans-1,3-Dichloropropene | 0.21 | U | 0.78 | 0.21 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Trichloroethene | 0.25 | U | 0.78 | 0.25 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Trichlorofluoromethane | 0.32 | U | 0.78 | 0.32 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Vinyl chloride | 0.42 | U | 0.78 | 0.42 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,2-Dichloroethane | 0.23 | U | 0.78 | 0.23 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,2-Dichlorobenzene | 0.28 | U | 0.78 | 0.28 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.36 | U | 0.78 | 0.36 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| Isopropyl acetate | 0.24 | U | 1.6 | 0.24 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |
| n-Butyl acetate | 0.72 | U | 1.6 | 0.72 | ug/Kg | ☼ | 12/12/23 23:36 | 12/13/23 15:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *72 - 138* | *12/12/23 23:36* | *12/13/23 15:31* | *1* |
| *4-Bromofluorobenzene* | *107* | | *63 - 139* | *12/12/23 23:36* | *12/13/23 15:31* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *54 - 150* | *12/12/23 23:36* | *12/13/23 15:31* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *71 - 126* | *12/12/23 23:36* | *12/13/23 15:31* | *1* |

## Client Sample ID: SB-3 (7-8)
**Lab Sample ID: 460-294432-6**

**Date Collected: 12/12/23 11:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 97.9**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.21 | U | 0.89 | 0.21 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.19 | U | 0.89 | 0.19 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.27 | U | 0.89 | 0.27 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,1,2-Trichloroethane | 0.16 | U | 0.89 | 0.16 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,1-Dichloroethane | 0.18 | U | 0.89 | 0.18 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.89 | 0.20 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,2,3-Trichlorobenzene | 0.16 | U | 0.89 | 0.16 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,2,4-Trichlorobenzene | 0.32 | U | 0.89 | 0.32 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,2-Dichloropropane | 0.38 | U | 0.89 | 0.38 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,3-Dichlorobenzene | 0.33 | U | 0.89 | 0.33 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,4-Dichlorobenzene | 0.20 | U | 0.89 | 0.20 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,4-Dioxane | 8.2 | U | 89 | 8.2 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 2-Butanone (MEK) | 0.33 | U | 4.5 | 0.33 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 2-Hexanone | 1.5 | U | 4.5 | 1.5 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.4 | U | 4.5 | 1.4 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |

## Client Sample ID: SB-3 (7-8)
**Date Collected: 12/12/23 11:00**
**Date Received: 12/12/23 15:45**

## Lab Sample ID: 460-294432-6
**Matrix: Solid**
**Percent Solids: 97.9**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 5.1 | U | 5.3 | 5.1 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Benzene | 0.23 | U | 0.89 | 0.23 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Bromoform | 0.38 | U | 0.89 | 0.38 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Bromomethane | 0.89 | U | 1.8 | 0.89 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Carbon disulfide | 0.24 | U | 0.89 | 0.24 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Carbon tetrachloride | 0.34 | U | 0.89 | 0.34 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Chlorobenzene | 0.16 | U | 0.89 | 0.16 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Chlorobromomethane | 0.25 | U | 0.89 | 0.25 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Chlorodibromomethane | 0.17 | U | 0.89 | 0.17 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Chloroethane | 0.47 | U | 0.89 | 0.47 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Chloroform | 0.87 | U | 0.89 | 0.87 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Chloromethane | 0.39 | U | 0.89 | 0.39 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| cis-1,2-Dichloroethene | 0.32 | U | 0.89 | 0.32 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| cis-1,3-Dichloropropene | 0.24 | U | 0.89 | 0.24 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Cyclohexane | 0.20 | U | 0.89 | 0.20 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Dichlorobromomethane | 0.23 | U | 0.89 | 0.23 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Dichlorodifluoromethane | 0.30 | U | 0.89 | 0.30 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Ethylbenzene | 0.18 | U | 0.89 | 0.18 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Ethylene Dibromide | 0.16 | U | 0.89 | 0.16 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Isopropylbenzene | 0.25 | U | 0.89 | 0.25 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Methyl acetate | 3.8 | U | 4.5 | 3.8 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Methyl tert-butyl ether | 0.46 | U | 0.89 | 0.46 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Methylcyclohexane | 0.44 | U | 0.89 | 0.44 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Methylene Chloride | 1.0 | U | 1.8 | 1.0 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| m-Xylene & p-Xylene | 0.16 | U | 0.89 | 0.16 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| o-Xylene | 0.17 | U | 0.89 | 0.17 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Styrene | 0.25 | U | 0.89 | 0.25 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Tetrachloroethene | 0.27 | U | 0.89 | 0.27 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Toluene | 0.21 | U | 0.89 | 0.21 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| trans-1,2-Dichloroethene | 0.22 | U | 0.89 | 0.22 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| trans-1,3-Dichloropropene | 0.24 | U | 0.89 | 0.24 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Trichloroethene | 0.29 | U | 0.89 | 0.29 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Trichlorofluoromethane | 0.36 | U | 0.89 | 0.36 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Vinyl chloride | 0.49 | U | 0.89 | 0.49 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,2-Dichloroethane | 0.26 | U | 0.89 | 0.26 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,2-Dichlorobenzene | 0.32 | U | 0.89 | 0.32 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.41 | U | 0.89 | 0.41 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| Isopropyl acetate | 0.27 | U | 1.8 | 0.27 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |
| n-Butyl acetate | 0.82 | U | 1.8 | 0.82 | ug/Kg | ☼ | 12/12/23 23:40 | 12/13/23 17:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *72 - 138* | *12/12/23 23:40* | *12/13/23 17:26* | *1* |
| *4-Bromofluorobenzene* | *110* | | *63 - 139* | *12/12/23 23:40* | *12/13/23 17:26* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *54 - 150* | *12/12/23 23:40* | *12/13/23 17:26* | *1* |
| *Toluene-d8 (Surr)* | *103* | | *71 - 126* | *12/12/23 23:40* | *12/13/23 17:26* | *1* |

## Client Sample ID: Eqt. Blank-1
**Lab Sample ID: 460-294432-7**

**Date Collected: 12/12/23 12:00**
**Matrix: Water**
**Date Received: 12/12/23 15:45**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.24 | U | 1.0 | 0.24 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,2,3-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,2,4-Trichlorobenzene | 0.37 | U | 1.0 | 0.37 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,3-Dichlorobenzene | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,4-Dichlorobenzene | 0.33 | U | 1.0 | 0.33 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 12/13/23 16:10 | 1 |
| 2-Butanone (MEK) | 1.9 | U | 5.0 | 1.9 | ug/L | | | 12/13/23 16:10 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 12/13/23 16:10 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 5.0 | 1.3 | ug/L | | | 12/13/23 16:10 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 12/13/23 16:10 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 12/13/23 16:10 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 12/13/23 16:10 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 12/13/23 16:10 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 12/13/23 16:10 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 12/13/23 16:10 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 16:10 | 1 |
| Chlorobromomethane | 0.41 | U | 1.0 | 0.41 | ug/L | | | 12/13/23 16:10 | 1 |
| Chlorodibromomethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 12/13/23 16:10 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 16:10 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 12/13/23 16:10 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 12/13/23 16:10 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 16:10 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 16:10 | 1 |
| Cyclohexane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 16:10 | 1 |
| Dichlorobromomethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 16:10 | 1 |
| Dichlorodifluoromethane | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 16:10 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 12/13/23 16:10 | 1 |
| Ethylene Dibromide | 0.50 | U | 1.0 | 0.50 | ug/L | | | 12/13/23 16:10 | 1 |
| Isopropylbenzene | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 16:10 | 1 |
| Methyl acetate | 0.79 | U | 5.0 | 0.79 | ug/L | | | 12/13/23 16:10 | 1 |
| Methyl tert-butyl ether | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 16:10 | 1 |
| Methylcyclohexane | 0.71 | U | 1.0 | 0.71 | ug/L | | | 12/13/23 16:10 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 16:10 | 1 |
| m-Xylene & p-Xylene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 12/13/23 16:10 | 1 |
| o-Xylene | 0.36 | U | 1.0 | 0.36 | ug/L | | | 12/13/23 16:10 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 12/13/23 16:10 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 12/13/23 16:10 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 16:10 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 12/13/23 16:10 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 16:10 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 16:10 | 1 |
| Trichlorofluoromethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 16:10 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 12/13/23 16:10 | 1 |

## Client Sample ID: Eqt. Blank-1
**Lab Sample ID: 460-294432-7**

**Date Collected: 12/12/23 12:00**
**Matrix: Water**
**Date Received: 12/12/23 15:45**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,2-Dichlorobenzene | 0.21 | U | 1.0 | 0.21 | ug/L | | | 12/13/23 16:10 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 16:10 | 1 |
| Isopropyl acetate | 0.40 | U | 2.0 | 0.40 | ug/L | | | 12/13/23 16:10 | 1 |
| n-Butyl acetate | 0.33 | U | 2.0 | 0.33 | ug/L | | | 12/13/23 16:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *70 - 128* | | *12/13/23 16:10* | *1* |
| *4-Bromofluorobenzene* | *115* | | *76 - 120* | | *12/13/23 16:10* | *1* |
| *Dibromofluoromethane (Surr)* | *111* | | *77 - 132* | | *12/13/23 16:10* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | | *12/13/23 16:10* | *1* |

## Client Sample ID: Trip Blank-1
**Lab Sample ID: 460-294432-8**

**Date Collected: 12/12/23 13:00**
**Matrix: Water**
**Date Received: 12/12/23 15:45**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.24 | U | 1.0 | 0.24 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,2,3-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,2,4-Trichlorobenzene | 0.37 | U | 1.0 | 0.37 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,3-Dichlorobenzene | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,4-Dichlorobenzene | 0.33 | U | 1.0 | 0.33 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 12/13/23 16:35 | 1 |
| 2-Butanone (MEK) | 1.9 | U | 5.0 | 1.9 | ug/L | | | 12/13/23 16:35 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 12/13/23 16:35 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 5.0 | 1.3 | ug/L | | | 12/13/23 16:35 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 12/13/23 16:35 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 12/13/23 16:35 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 12/13/23 16:35 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 12/13/23 16:35 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 12/13/23 16:35 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 12/13/23 16:35 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 16:35 | 1 |
| Chlorobromomethane | 0.41 | U | 1.0 | 0.41 | ug/L | | | 12/13/23 16:35 | 1 |
| Chlorodibromomethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 12/13/23 16:35 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 16:35 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 12/13/23 16:35 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 12/13/23 16:35 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 16:35 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 16:35 | 1 |
| Cyclohexane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 16:35 | 1 |
| Dichlorobromomethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 16:35 | 1 |
| Dichlorodifluoromethane | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 16:35 | 1 |

## Client Sample ID: Trip Blank-1
**Lab Sample ID: 460-294432-8**
**Date Collected: 12/12/23 13:00**
**Matrix: Water**
**Date Received: 12/12/23 15:45**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 12/13/23 16:35 | 1 |
| Ethylene Dibromide | 0.50 | U | 1.0 | 0.50 | ug/L | | | 12/13/23 16:35 | 1 |
| Isopropylbenzene | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 16:35 | 1 |
| Methyl acetate | 0.79 | U | 5.0 | 0.79 | ug/L | | | 12/13/23 16:35 | 1 |
| Methyl tert-butyl ether | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 16:35 | 1 |
| Methylcyclohexane | 0.71 | U | 1.0 | 0.71 | ug/L | | | 12/13/23 16:35 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 16:35 | 1 |
| m-Xylene & p-Xylene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 12/13/23 16:35 | 1 |
| o-Xylene | 0.36 | U | 1.0 | 0.36 | ug/L | | | 12/13/23 16:35 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 12/13/23 16:35 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 12/13/23 16:35 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 16:35 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 12/13/23 16:35 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 16:35 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 16:35 | 1 |
| Trichlorofluoromethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 16:35 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,2-Dichlorobenzene | 0.21 | U | 1.0 | 0.21 | ug/L | | | 12/13/23 16:35 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 16:35 | 1 |
| Isopropyl acetate | 0.40 | U | 2.0 | 0.40 | ug/L | | | 12/13/23 16:35 | 1 |
| n-Butyl acetate | 0.33 | U | 2.0 | 0.33 | ug/L | | | 12/13/23 16:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *70 - 128* | | *12/13/23 16:35* | *1* |
| *4-Bromofluorobenzene* | *117* | | *76 - 120* | | *12/13/23 16:35* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *77 - 132* | | *12/13/23 16:35* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *12/13/23 16:35* | *1* |

## Client Sample ID: SB-4 (7-8)
**Lab Sample ID: 460-294432-9**
**Date Collected: 12/12/23 12:15**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.2**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.23 | U | 0.97 | 0.23 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.21 | U | 0.97 | 0.21 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.29 | U | 0.97 | 0.29 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,1,2-Trichloroethane | 0.17 | U | 0.97 | 0.17 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,1-Dichloroethane | 0.20 | U | 0.97 | 0.20 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,1-Dichloroethene | 0.22 | U | 0.97 | 0.22 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,2,3-Trichlorobenzene | 0.17 | U | 0.97 | 0.17 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,2,4-Trichlorobenzene | 0.35 | U | 0.97 | 0.35 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,2-Dichloropropane | 0.41 | U | 0.97 | 0.41 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,3-Dichlorobenzene | 0.35 | U | 0.97 | 0.35 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,4-Dichlorobenzene | 0.22 | U | 0.97 | 0.22 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,4-Dioxane | 8.9 | U | 97 | 8.9 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 2-Butanone (MEK) | 0.36 | U | 4.8 | 0.36 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 2-Hexanone | 1.7 | U | 4.8 | 1.7 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.5 | U | 4.8 | 1.5 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |

## Client Sample ID: SB-4 (7-8)
**Date Collected: 12/12/23 12:15**
**Date Received: 12/12/23 15:45**

## Lab Sample ID: 460-294432-9
**Matrix: Solid**
**Percent Solids: 98.2**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 5.5 | U | 5.8 | 5.5 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Benzene | 0.25 | U | 0.97 | 0.25 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Bromoform | 0.41 | U | 0.97 | 0.41 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Bromomethane | 0.97 | U | 1.9 | 0.97 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Carbon disulfide | 0.26 | U | 0.97 | 0.26 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Carbon tetrachloride | 0.37 | U | 0.97 | 0.37 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Chlorobenzene | 0.17 | U | 0.97 | 0.17 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Chlorobromomethane | 0.27 | U | 0.97 | 0.27 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Chlorodibromomethane | 0.19 | U | 0.97 | 0.19 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Chloroethane | 0.50 | U | 0.97 | 0.50 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Chloroform | 0.94 | U | 0.97 | 0.94 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Chloromethane | 0.42 | U | 0.97 | 0.42 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| cis-1,2-Dichloroethene | 0.35 | U | 0.97 | 0.35 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| cis-1,3-Dichloropropene | 0.26 | U | 0.97 | 0.26 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Cyclohexane | 0.21 | U | 0.97 | 0.21 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Dichlorobromomethane | 0.25 | U | 0.97 | 0.25 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Dichlorodifluoromethane | 0.33 | U | 0.97 | 0.33 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Ethylbenzene | 0.19 | U | 0.97 | 0.19 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Ethylene Dibromide | 0.17 | U | 0.97 | 0.17 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Isopropylbenzene | 0.28 | U | 0.97 | 0.28 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Methyl acetate | 4.2 | U | 4.8 | 4.2 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Methyl tert-butyl ether | 0.49 | U | 0.97 | 0.49 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Methylcyclohexane | 0.48 | U | 0.97 | 0.48 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Methylene Chloride | 1.1 | U | 1.9 | 1.1 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| m-Xylene & p-Xylene | 0.17 | U | 0.97 | 0.17 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| o-Xylene | 0.19 | U | 0.97 | 0.19 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Styrene | 0.27 | U | 0.97 | 0.27 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Tetrachloroethene | 0.29 | U | 0.97 | 0.29 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Toluene | 0.23 | U | 0.97 | 0.23 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 0.97 | 0.24 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| trans-1,3-Dichloropropene | 0.26 | U | 0.97 | 0.26 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Trichloroethene | 0.31 | U | 0.97 | 0.31 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Trichlorofluoromethane | 0.39 | U | 0.97 | 0.39 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Vinyl chloride | 0.53 | U | 0.97 | 0.53 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,2-Dichloroethane | 0.29 | U | 0.97 | 0.29 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,2-Dichlorobenzene | 0.35 | U | 0.97 | 0.35 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.44 | U | 0.97 | 0.44 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| Isopropyl acetate | 0.30 | U | 1.9 | 0.30 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |
| n-Butyl acetate | 0.89 | U | 1.9 | 0.89 | ug/Kg | ☼ | 12/12/23 23:41 | 12/13/23 17:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *72 - 138* | *12/12/23 23:41* | *12/13/23 17:49* | *1* |
| *4-Bromofluorobenzene* | *112* | | *63 - 139* | *12/12/23 23:41* | *12/13/23 17:49* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *54 - 150* | *12/12/23 23:41* | *12/13/23 17:49* | *1* |
| *Toluene-d8 (Surr)* | *106* | | *71 - 126* | *12/12/23 23:41* | *12/13/23 17:49* | *1* |

## Client Sample ID: SB-4 (10-11)
**Date Collected: 12/12/23 12:30**
**Date Received: 12/12/23 15:45**

## Lab Sample ID: 460-294432-10
**Matrix: Solid**
**Percent Solids: 97.3**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.20 | U | 0.85 | 0.20 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.85 | 0.18 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.26 | U | 0.85 | 0.26 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,1,2-Trichloroethane | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,1-Dichloroethane | 0.18 | U | 0.85 | 0.18 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,1-Dichloroethene | 0.19 | U | 0.85 | 0.19 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,2,3-Trichlorobenzene | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,2,4-Trichlorobenzene | 0.31 | U | 0.85 | 0.31 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,2-Dichloropropane | 0.36 | U | 0.85 | 0.36 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,3-Dichlorobenzene | 0.31 | U | 0.85 | 0.31 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,4-Dichlorobenzene | 0.19 | U | 0.85 | 0.19 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,4-Dioxane | 7.8 | U | 85 | 7.8 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 2-Butanone (MEK) | 0.31 | U | 4.3 | 0.31 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 2-Hexanone | 1.5 | U | 4.3 | 1.5 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.3 | 1.3 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| **Acetone** | **9.5** | | 5.1 | 4.9 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| **Benzene** | **0.69** | **J** | 0.85 | 0.22 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Bromoform | 0.36 | U | 0.85 | 0.36 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Bromomethane | 0.85 | U | 1.7 | 0.85 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Carbon disulfide | 0.23 | U | 0.85 | 0.23 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Carbon tetrachloride | 0.33 | U | 0.85 | 0.33 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Chlorobenzene | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Chlorobromomethane | 0.24 | U | 0.85 | 0.24 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Chlorodibromomethane | 0.17 | U | 0.85 | 0.17 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Chloroethane | 0.44 | U | 0.85 | 0.44 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Chloroform | 0.83 | U | 0.85 | 0.83 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Chloromethane | 0.37 | U | 0.85 | 0.37 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| cis-1,2-Dichloroethene | 0.31 | U | 0.85 | 0.31 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| cis-1,3-Dichloropropene | 0.23 | U | 0.85 | 0.23 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Cyclohexane | 0.19 | U | 0.85 | 0.19 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Dichlorobromomethane | 0.22 | U | 0.85 | 0.22 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Dichlorodifluoromethane | 0.29 | U | 0.85 | 0.29 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Ethylbenzene | 0.17 | U | 0.85 | 0.17 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Ethylene Dibromide | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Isopropylbenzene | 0.24 | U | 0.85 | 0.24 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Methyl acetate | 3.7 | U | 4.3 | 3.7 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Methyl tert-butyl ether | 0.44 | U | 0.85 | 0.44 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Methylcyclohexane | 0.43 | U | 0.85 | 0.43 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Methylene Chloride | 0.98 | U | 1.7 | 0.98 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| m-Xylene & p-Xylene | 0.15 | U | 0.85 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| o-Xylene | 0.17 | U | 0.85 | 0.17 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Styrene | 0.24 | U | 0.85 | 0.24 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Tetrachloroethene | 0.26 | U | 0.85 | 0.26 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| **Toluene** | **0.38** | **J** | 0.85 | 0.20 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| trans-1,2-Dichloroethene | 0.21 | U | 0.85 | 0.21 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| trans-1,3-Dichloropropene | 0.23 | U | 0.85 | 0.23 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Trichloroethene | 0.27 | U | 0.85 | 0.27 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Trichlorofluoromethane | 0.35 | U | 0.85 | 0.35 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Vinyl chloride | 0.47 | U | 0.85 | 0.47 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |

## Client Sample ID: SB-4 (10-11)
**Lab Sample ID: 460-294432-10**

**Date Collected: 12/12/23 12:30**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 97.3**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 0.25 | U | 0.85 | 0.25 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,2-Dichlorobenzene | 0.31 | U | 0.85 | 0.31 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.39 | U | 0.85 | 0.39 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| Isopropyl acetate | 0.26 | U | 1.7 | 0.26 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |
| n-Butyl acetate | 0.79 | U | 1.7 | 0.79 | ug/Kg | ☼ | 12/12/23 23:43 | 12/14/23 12:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *72 - 138* | *12/12/23 23:43* | *12/14/23 12:38* | *1* |
| *4-Bromofluorobenzene* | *113* | | *63 - 139* | *12/12/23 23:43* | *12/14/23 12:38* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *54 - 150* | *12/12/23 23:43* | *12/14/23 12:38* | *1* |
| *Toluene-d8 (Surr)* | *77* | | *71 - 126* | *12/12/23 23:43* | *12/14/23 12:38* | *1* |

## Client Sample ID: SB-BD-1
**Lab Sample ID: 460-294432-11**

**Date Collected: 12/12/23 00:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 94.7**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.19 | U | 0.83 | 0.19 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.83 | 0.18 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.25 | U | 0.83 | 0.25 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,1,2-Trichloroethane | 0.15 | U | 0.83 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,1-Dichloroethane | 0.17 | U | 0.83 | 0.17 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,1-Dichloroethene | 0.19 | U | 0.83 | 0.19 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,2,3-Trichlorobenzene | 0.15 | U | 0.83 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,2,4-Trichlorobenzene | 0.30 | U | 0.83 | 0.30 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 0.83 | 0.35 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,3-Dichlorobenzene | 0.30 | U | 0.83 | 0.30 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,4-Dichlorobenzene | 0.19 | U | 0.83 | 0.19 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,4-Dioxane | 7.6 | U | 83 | 7.6 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 2-Butanone (MEK) | 0.30 | U | 4.1 | 0.30 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 2-Hexanone | 1.4 | U | 4.1 | 1.4 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.1 | 1.3 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Acetone | 4.7 | U | 5.0 | 4.7 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Benzene | 0.21 | U | 0.83 | 0.21 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Bromoform | 0.35 | U | 0.83 | 0.35 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Bromomethane | 0.83 | U | 1.7 | 0.83 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Carbon disulfide | 0.22 | U | 0.83 | 0.22 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Carbon tetrachloride | 0.32 | U | 0.83 | 0.32 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Chlorobenzene | 0.15 | U | 0.83 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Chlorobromomethane | 0.23 | U | 0.83 | 0.23 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Chlorodibromomethane | 0.16 | U | 0.83 | 0.16 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Chloroethane | 0.43 | U | 0.83 | 0.43 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Chloroform | 0.80 | U | 0.83 | 0.80 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Chloromethane | 0.36 | U | 0.83 | 0.36 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| cis-1,2-Dichloroethene | 0.30 | U | 0.83 | 0.30 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| cis-1,3-Dichloropropene | 0.23 | U | 0.83 | 0.23 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Cyclohexane | 0.18 | U | 0.83 | 0.18 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Dichlorobromomethane | 0.21 | U | 0.83 | 0.21 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Dichlorodifluoromethane | 0.28 | U | 0.83 | 0.28 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |

## Client Sample ID: SB-BD-1
**Lab Sample ID: 460-294432-11**

**Date Collected: 12/12/23 00:00**
**Matrix: Solid**

**Date Received: 12/12/23 15:45**
**Percent Solids: 94.7**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.16 | U | 0.83 | 0.16 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Ethylene Dibromide | 0.15 | U | 0.83 | 0.15 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Isopropylbenzene | 0.24 | U | 0.83 | 0.24 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Methyl acetate | 3.6 | U | 4.1 | 3.6 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Methyl tert-butyl ether | 0.42 | U | 0.83 | 0.42 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Methylcyclohexane | 0.41 | U | 0.83 | 0.41 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Methylene Chloride | 0.95 | U | 1.7 | 0.95 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| m-Xylene & p-Xylene | 0.14 | U | 0.83 | 0.14 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| o-Xylene | 0.16 | U | 0.83 | 0.16 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Styrene | 0.23 | U | 0.83 | 0.23 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Tetrachloroethene | 0.25 | U | 0.83 | 0.25 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| **Toluene** | **0.23** | **J** | 0.83 | 0.19 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| trans-1,2-Dichloroethene | 0.20 | U | 0.83 | 0.20 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 0.83 | 0.22 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Trichloroethene | 0.27 | U | 0.83 | 0.27 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Trichlorofluoromethane | 0.34 | U | 0.83 | 0.34 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Vinyl chloride | 0.45 | U | 0.83 | 0.45 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,2-Dichloroethane | 0.24 | U | 0.83 | 0.24 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,2-Dichlorobenzene | 0.30 | U | 0.83 | 0.30 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.38 | U | 0.83 | 0.38 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| Isopropyl acetate | 0.25 | U | 1.7 | 0.25 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |
| n-Butyl acetate | 0.76 | U | 1.7 | 0.76 | ug/Kg | ☼ | 12/12/23 23:43 | 12/13/23 18:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *72 - 138* | *12/12/23 23:43* | *12/13/23 18:35* | *1* |
| *4-Bromofluorobenzene* | *113* | | *63 - 139* | *12/12/23 23:43* | *12/13/23 18:35* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *54 - 150* | *12/12/23 23:43* | *12/13/23 18:35* | *1* |
| *Toluene-d8 (Surr)* | *106* | | *71 - 126* | *12/12/23 23:43* | *12/13/23 18:35* | *1* |

# Surrogate Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 460-294432-1
Project/Site: HW UST Closure 16 White Street, Buchanan

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

### Matrix: Solid

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (72-138) | (63-139) | (54-150) | (71-126) |
| 460-294432-1 | SB-1 (7-8) | 95 | 105 | 103 | 99 |
| 460-294432-2 | SB-2 (9-10) | 98 | 110 | 107 | 104 |
| 460-294432-3 | SB-1 (12-13) | 129 | 101 | 120 | 102 |
| 460-294432-4 | SB-2 (12-13) | 99 | 105 | 107 | 101 |
| 460-294432-5 | SB-3 (11-12) | 101 | 107 | 108 | 101 |
| 460-294432-5 MS | SB-3 (11-12) | 95 | 109 | 105 | 107 |
| 460-294432-5 MSD | SB-3 (11-12) | 96 | 110 | 105 | 107 |
| 460-294432-6 | SB-3 (7-8) | 100 | 110 | 107 | 103 |
| 460-294432-9 | SB-4 (7-8) | 104 | 112 | 110 | 106 |
| 460-294432-10 | SB-4 (10-11) | 116 | 113 | 106 | 77 |
| 460-294432-11 | SB-BD-1 | 103 | 113 | 109 | 106 |
| LB3 460-949575/1-A | Method Blank | 99 | 108 | 107 | 104 |
| LCS 460-949644/3 | Lab Control Sample | 98 | 107 | 102 | 103 |
| LCS 460-949836/4 | Lab Control Sample | 115 | 101 | 102 | 100 |
| LCSD 460-949644/4 | Lab Control Sample Dup | 93 | 104 | 98 | 101 |
| LCSD 460-949836/32 | Lab Control Sample Dup | 111 | 97 | 102 | 91 |
| MB 460-949644/7 | Method Blank | 100 | 104 | 106 | 100 |
| MB 460-949836/7 | Method Blank | 112 | 91 | 104 | 97 |

**Surrogate Legend**

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

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

### Matrix: Water

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (70-128) | (76-120) | (77-132) | (80-120) |
| 460-294432-7 | Eqt. Blank-1 | 95 | 115 | 111 | 102 |
| 460-294432-8 | Trip Blank-1 | 97 | 117 | 109 | 101 |
| LCS 460-949677/3 | Lab Control Sample | 91 | 117 | 105 | 101 |
| LCSD 460-949677/4 | Lab Control Sample Dup | 90 | 116 | 104 | 100 |
| MB 460-949677/8 | Method Blank | 96 | 115 | 109 | 101 |

**Surrogate Legend**

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

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

**Lab Sample ID: LB3 460-949575/1-A**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 949575**

| Analyte | LB3 Result | LB3 Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.23 | U | 1.0 | 0.23 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.21 | U | 1.0 | 0.21 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.30 | U | 1.0 | 0.30 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,1,2-Trichloroethane | 0.18 | U | 1.0 | 0.18 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,1-Dichloroethane | 0.21 | U | 1.0 | 0.21 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,1-Dichloroethene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,2,3-Trichlorobenzene | 0.18 | U | 1.0 | 0.18 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,2,4-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,2-Dichloropropane | 0.42 | U | 1.0 | 0.42 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,3-Dichlorobenzene | 0.37 | U | 1.0 | 0.37 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,4-Dichlorobenzene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,4-Dioxane | 9.2 | U | 100 | 9.2 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 2-Butanone (MEK) | 0.37 | U | 5.0 | 0.37 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 2-Hexanone | 1.7 | U | 5.0 | 1.7 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.6 | U | 5.0 | 1.6 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Acetone | 5.7 | U | 6.0 | 5.7 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Benzene | 0.26 | U | 1.0 | 0.26 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Bromoform | 0.43 | U | 1.0 | 0.43 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Bromomethane | 1.0 | U | 2.0 | 1.0 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Carbon disulfide | 0.27 | U | 1.0 | 0.27 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Carbon tetrachloride | 0.39 | U | 1.0 | 0.39 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Chlorobenzene | 0.18 | U | 1.0 | 0.18 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Chlorobromomethane | 0.28 | U | 1.0 | 0.28 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Chlorodibromomethane | 0.19 | U | 1.0 | 0.19 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Chloroethane | 0.52 | U | 1.0 | 0.52 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Chloroform | 0.97 | U | 1.0 | 0.97 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Chloromethane | 0.44 | U | 1.0 | 0.44 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| cis-1,2-Dichloroethene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| cis-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Cyclohexane | 0.22 | U | 1.0 | 0.22 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Dichlorobromomethane | 0.26 | U | 1.0 | 0.26 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Dichlorodifluoromethane | 0.34 | U | 1.0 | 0.34 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Ethylbenzene | 0.20 | U | 1.0 | 0.20 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Ethylene Dibromide | 0.18 | U | 1.0 | 0.18 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Isopropylbenzene | 0.29 | U | 1.0 | 0.29 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Methyl acetate | 4.3 | U | 5.0 | 4.3 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Methyl tert-butyl ether | 0.51 | U | 1.0 | 0.51 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Methylcyclohexane | 0.50 | U | 1.0 | 0.50 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Methylene Chloride | 1.1 | U | 2.0 | 1.1 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| m-Xylene & p-Xylene | 0.17 | U | 1.0 | 0.17 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| o-Xylene | 0.19 | U | 1.0 | 0.19 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Styrene | 0.28 | U | 1.0 | 0.28 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Tetrachloroethene | 0.31 | U | 1.0 | 0.31 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Toluene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| trans-1,2-Dichloroethene | 0.25 | U | 1.0 | 0.25 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| trans-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Trichloroethene | 0.32 | U | 1.0 | 0.32 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Trichlorofluoromethane | 0.41 | U | 1.0 | 0.41 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |

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

**Lab Sample ID: LB3 460-949575/1-A**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 949644**
**Prep Batch: 949575**

| Analyte | LB3 Result | LB3 Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | 0.55 | U | 1.0 | 0.55 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,2-Dichloroethane | 0.30 | U | 1.0 | 0.30 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,2-Dichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.46 | U | 1.0 | 0.46 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| Isopropyl acetate | 0.31 | U | 2.0 | 0.31 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |
| n-Butyl acetate | 0.92 | U | 2.0 | 0.92 | ug/Kg | | 12/12/23 23:31 | 12/13/23 13:13 | 1 |

| *Surrogate* | *LB3 %Recovery* | *LB3 Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *72 - 138* | *12/12/23 23:31* | *12/13/23 13:13* | *1* |
| *4-Bromofluorobenzene* | *108* | | *63 - 139* | *12/12/23 23:31* | *12/13/23 13:13* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *54 - 150* | *12/12/23 23:31* | *12/13/23 13:13* | *1* |
| *Toluene-d8 (Surr)* | *104* | | *71 - 126* | *12/12/23 23:31* | *12/13/23 13:13* | *1* |

**Lab Sample ID: 460-294432-5 MS**
**Client Sample ID: SB-3 (11-12)**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 949644**
**Prep Batch: 949575**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.18 | U | 18.1 | 17.4 | | ug/Kg | ☼ | 96 | 72 - 140 |
| 1,1,2,2-Tetrachloroethane | 0.17 | U | 18.1 | 15.9 | | ug/Kg | ☼ | 88 | 66 - 133 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.23 | U | 18.1 | 18.1 | | ug/Kg | ☼ | 100 | 71 - 141 |
| 1,1,2-Trichloroethane | 0.14 | U | 18.1 | 16.2 | | ug/Kg | ☼ | 89 | 80 - 120 |
| 1,1-Dichloroethane | 0.16 | U | 18.1 | 18.4 | | ug/Kg | ☼ | 101 | 77 - 129 |
| 1,1-Dichloroethene | 0.18 | U | 18.1 | 17.2 | | ug/Kg | ☼ | 95 | 70 - 132 |
| 1,2,3-Trichlorobenzene | 0.14 | U | 18.1 | 15.4 | | ug/Kg | ☼ | 85 | 68 - 124 |
| 1,2,4-Trichlorobenzene | 0.28 | U | 18.1 | 15.6 | | ug/Kg | ☼ | 86 | 68 - 124 |
| 1,2-Dichloropropane | 0.33 | U | 18.1 | 17.3 | | ug/Kg | ☼ | 96 | 73 - 124 |
| 1,3-Dichlorobenzene | 0.28 | U | 18.1 | 16.9 | | ug/Kg | ☼ | 93 | 80 - 120 |
| 1,4-Dichlorobenzene | 0.18 | U | 18.1 | 16.6 | | ug/Kg | ☼ | 92 | 80 - 120 |
| 1,4-Dioxane | 7.1 | U | 362 | 402 | | ug/Kg | ☼ | 111 | 63 - 145 |
| 2-Butanone (MEK) | 0.29 | U | 90.5 | 77.8 | | ug/Kg | ☼ | 86 | 64 - 128 |
| 2-Hexanone | 1.3 | U | 90.5 | 85.2 | | ug/Kg | ☼ | 94 | 61 - 128 |
| 4-Methyl-2-pentanone (MIBK) | 1.2 | U | 90.5 | 89.0 | | ug/Kg | ☼ | 98 | 72 - 122 |
| Acetone | 4.4 | U | 90.5 | 77.4 | | ug/Kg | ☼ | 86 | 63 - 131 |
| Benzene | 0.20 | U | 18.1 | 17.3 | | ug/Kg | ☼ | 96 | 75 - 130 |
| Bromoform | 0.33 | U | 18.1 | 14.1 | | ug/Kg | ☼ | 78 | 18 - 150 |
| Bromomethane | 0.78 | U | 18.1 | 16.0 | | ug/Kg | ☼ | 88 | 40 - 150 |
| Carbon disulfide | 0.21 | U | 18.1 | 16.1 | | ug/Kg | ☼ | 89 | 69 - 141 |
| Carbon tetrachloride | 0.30 | U | 18.1 | 17.3 | | ug/Kg | ☼ | 96 | 54 - 150 |
| Chlorobenzene | 0.14 | U | 18.1 | 16.6 | | ug/Kg | ☼ | 92 | 80 - 120 |
| Chlorobromomethane | 0.22 | U | 18.1 | 17.9 | | ug/Kg | ☼ | 99 | 76 - 127 |
| Chlorodibromomethane | 0.15 | U | 18.1 | 15.8 | | ug/Kg | ☼ | 87 | 42 - 150 |
| Chloroethane | 0.41 | U | 18.1 | 17.1 | | ug/Kg | ☼ | 94 | 60 - 141 |
| Chloroform | 0.76 | U | 18.1 | 17.5 | | ug/Kg | ☼ | 97 | 79 - 126 |
| Chloromethane | 0.34 | U | 18.1 | 15.3 | | ug/Kg | ☼ | 84 | 55 - 139 |
| cis-1,2-Dichloroethene | 0.28 | U | 18.1 | 17.0 | | ug/Kg | ☼ | 94 | 80 - 123 |
| cis-1,3-Dichloropropene | 0.21 | U | 18.1 | 16.9 | | ug/Kg | ☼ | 93 | 70 - 127 |
| Cyclohexane | 0.17 | U | 18.1 | 16.9 | | ug/Kg | ☼ | 93 | 74 - 132 |

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

**Lab Sample ID: 460-294432-5 MS**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: SB-3 (11-12)**
**Prep Type: Total/NA**
**Prep Batch: 949575**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorobromomethane | 0.20 | U | 18.1 | 16.9 | | ug/Kg | ☼ | 93 | 67 - 124 |
| Dichlorodifluoromethane | 0.26 | U | 18.1 | 15.2 | | ug/Kg | ☼ | 84 | 51 - 138 |
| Ethylbenzene | 0.15 | U | 18.1 | 16.8 | | ug/Kg | ☼ | 93 | 80 - 120 |
| Ethylene Dibromide | 0.14 | U | 18.1 | 15.3 | | ug/Kg | ☼ | 85 | 79 - 120 |
| Isopropylbenzene | 0.22 | U | 18.1 | 16.9 | | ug/Kg | ☼ | 94 | 80 - 120 |
| Methyl acetate | 3.3 | U | 36.2 | 28.2 | | ug/Kg | ☼ | 78 | 52 - 143 |
| Methyl tert-butyl ether | 0.40 | U | 18.1 | 16.4 | | ug/Kg | ☼ | 91 | 74 - 125 |
| Methylcyclohexane | 0.39 | U | 18.1 | 16.7 | | ug/Kg | ☼ | 92 | 70 - 133 |
| Methylene Chloride | 0.89 | U | 18.1 | 16.5 | | ug/Kg | ☼ | 91 | 70 - 130 |
| m-Xylene & p-Xylene | 0.14 | U | 18.1 | 16.8 | | ug/Kg | ☼ | 93 | 80 - 120 |
| o-Xylene | 0.15 | U | 18.1 | 17.0 | | ug/Kg | ☼ | 94 | 80 - 120 |
| Styrene | 0.22 | U | 18.1 | 16.8 | | ug/Kg | ☼ | 93 | 73 - 120 |
| Tetrachloroethene | 0.24 | U | 18.1 | 16.4 | | ug/Kg | ☼ | 91 | 66 - 133 |
| Toluene | 0.18 | U | 18.1 | 16.9 | | ug/Kg | ☼ | 93 | 80 - 120 |
| trans-1,2-Dichloroethene | 0.19 | U | 18.1 | 17.1 | | ug/Kg | ☼ | 94 | 78 - 128 |
| trans-1,3-Dichloropropene | 0.21 | U | 18.1 | 16.1 | | ug/Kg | ☼ | 89 | 69 - 120 |
| Trichloroethene | 0.25 | U | 18.1 | 16.4 | | ug/Kg | ☼ | 90 | 75 - 120 |
| Trichlorofluoromethane | 0.32 | U | 18.1 | 16.5 | | ug/Kg | ☼ | 91 | 55 - 142 |
| Vinyl chloride | 0.42 | U | 18.1 | 17.1 | | ug/Kg | ☼ | 94 | 58 - 147 |
| 1,2-Dichloroethane | 0.23 | U | 18.1 | 16.3 | | ug/Kg | ☼ | 90 | 70 - 123 |
| 1,2-Dichlorobenzene | 0.28 | U | 18.1 | 16.7 | | ug/Kg | ☼ | 92 | 80 - 120 |
| 1,2-Dibromo-3-Chloropropane | 0.36 | U | 18.1 | 13.5 | | ug/Kg | ☼ | 74 | 64 - 124 |
| Isopropyl acetate | 0.24 | U | 18.1 | 15.1 | | ug/Kg | ☼ | 83 | 65 - 129 |
| n-Butyl acetate | 0.72 | U | 18.1 | 13.4 | | ug/Kg | ☼ | 74 | 45 - 150 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *72 - 138* |
| *4-Bromofluorobenzene* | *109* | | *63 - 139* |
| *Dibromofluoromethane (Surr)* | *105* | | *54 - 150* |
| *Toluene-d8 (Surr)* | *107* | | *71 - 126* |

**Lab Sample ID: 460-294432-5 MSD**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: SB-3 (11-12)**
**Prep Type: Total/NA**
**Prep Batch: 949575**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.18 | U | 15.9 | 14.1 | | ug/Kg | ☼ | 89 | 72 - 140 | 21 | 30 |
| 1,1,2,2-Tetrachloroethane | 0.17 | U | 15.9 | 13.5 | | ug/Kg | ☼ | 85 | 66 - 133 | 17 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.23 | U | 15.9 | 14.4 | | ug/Kg | ☼ | 91 | 71 - 141 | 22 | 30 |
| 1,1,2-Trichloroethane | 0.14 | U | 15.9 | 13.4 | | ug/Kg | ☼ | 84 | 80 - 120 | 19 | 30 |
| 1,1-Dichloroethane | 0.16 | U | 15.9 | 15.2 | | ug/Kg | ☼ | 95 | 77 - 129 | 19 | 30 |
| 1,1-Dichloroethene | 0.18 | U | 15.9 | 13.9 | | ug/Kg | ☼ | 88 | 70 - 132 | 21 | 30 |
| 1,2,3-Trichlorobenzene | 0.14 | U | 15.9 | 13.0 | | ug/Kg | ☼ | 82 | 68 - 124 | 17 | 30 |
| 1,2,4-Trichlorobenzene | 0.28 | U | 15.9 | 12.9 | | ug/Kg | ☼ | 81 | 68 - 124 | 19 | 30 |
| 1,2-Dichloropropane | 0.33 | U | 15.9 | 14.6 | | ug/Kg | ☼ | 92 | 73 - 124 | 17 | 30 |
| 1,3-Dichlorobenzene | 0.28 | U | 15.9 | 14.1 | | ug/Kg | ☼ | 89 | 80 - 120 | 18 | 30 |
| 1,4-Dichlorobenzene | 0.18 | U | 15.9 | 14.0 | | ug/Kg | ☼ | 88 | 80 - 120 | 17 | 30 |
| 1,4-Dioxane | 7.1 | U | 318 | 356 | | ug/Kg | ☼ | 112 | 63 - 145 | 12 | 30 |

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

**Lab Sample ID: 460-294432-5 MSD**
**Client Sample ID: SB-3 (11-12)**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 949644**
**Prep Batch: 949575**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | 0.29 | U | 79.5 | 64.0 | | ug/Kg | ☼ | 80 | 64 - 128 | 20 | 30 |
| 2-Hexanone | 1.3 | U | 79.5 | 69.8 | | ug/Kg | ☼ | 88 | 61 - 128 | 20 | 30 |
| 4-Methyl-2-pentanone (MIBK) | 1.2 | U | 79.5 | 72.6 | | ug/Kg | ☼ | 91 | 72 - 122 | 20 | 30 |
| Acetone | 4.4 | U | 79.5 | 63.6 | | ug/Kg | ☼ | 80 | 63 - 131 | 20 | 30 |
| Benzene | 0.20 | U | 15.9 | 14.3 | | ug/Kg | ☼ | 90 | 75 - 130 | 19 | 30 |
| Bromoform | 0.33 | U | 15.9 | 11.9 | | ug/Kg | ☼ | 75 | 18 - 150 | 17 | 30 |
| Bromomethane | 0.78 | U | 15.9 | 14.0 | | ug/Kg | ☼ | 88 | 40 - 150 | 13 | 30 |
| Carbon disulfide | 0.21 | U | 15.9 | 13.2 | | ug/Kg | ☼ | 83 | 69 - 141 | 20 | 30 |
| Carbon tetrachloride | 0.30 | U | 15.9 | 14.4 | | ug/Kg | ☼ | 91 | 54 - 150 | 18 | 30 |
| Chlorobenzene | 0.14 | U | 15.9 | 13.9 | | ug/Kg | ☼ | 87 | 80 - 120 | 18 | 30 |
| Chlorobromomethane | 0.22 | U | 15.9 | 15.1 | | ug/Kg | ☼ | 95 | 76 - 127 | 17 | 30 |
| Chlorodibromomethane | 0.15 | U | 15.9 | 13.4 | | ug/Kg | ☼ | 84 | 42 - 150 | 17 | 30 |
| Chloroethane | 0.41 | U | 15.9 | 15.5 | | ug/Kg | ☼ | 97 | 60 - 141 | 10 | 30 |
| Chloroform | 0.76 | U | 15.9 | 14.5 | | ug/Kg | ☼ | 91 | 79 - 126 | 19 | 30 |
| Chloromethane | 0.34 | U | 15.9 | 13.8 | | ug/Kg | ☼ | 87 | 55 - 139 | 10 | 30 |
| cis-1,2-Dichloroethene | 0.28 | U | 15.9 | 14.3 | | ug/Kg | ☼ | 90 | 80 - 123 | 18 | 30 |
| cis-1,3-Dichloropropene | 0.21 | U | 15.9 | 14.2 | | ug/Kg | ☼ | 89 | 70 - 127 | 17 | 30 |
| Cyclohexane | 0.17 | U | 15.9 | 13.6 | | ug/Kg | ☼ | 85 | 74 - 132 | 22 | 30 |
| Dichlorobromomethane | 0.20 | U | 15.9 | 14.3 | | ug/Kg | ☼ | 90 | 67 - 124 | 17 | 30 |
| Dichlorodifluoromethane | 0.26 | U | 15.9 | 13.4 | | ug/Kg | ☼ | 84 | 51 - 138 | 13 | 30 |
| Ethylbenzene | 0.15 | U | 15.9 | 13.8 | | ug/Kg | ☼ | 87 | 80 - 120 | 19 | 30 |
| Ethylene Dibromide | 0.14 | U | 15.9 | 13.1 | | ug/Kg | ☼ | 82 | 79 - 120 | 16 | 30 |
| Isopropylbenzene | 0.22 | U | 15.9 | 14.0 | | ug/Kg | ☼ | 88 | 80 - 120 | 19 | 30 |
| Methyl acetate | 3.3 | U | 31.8 | 24.5 | | ug/Kg | ☼ | 77 | 52 - 143 | 14 | 30 |
| Methyl tert-butyl ether | 0.40 | U | 15.9 | 13.9 | | ug/Kg | ☼ | 87 | 74 - 125 | 16 | 30 |
| Methylcyclohexane | 0.39 | U | 15.9 | 13.5 | | ug/Kg | ☼ | 85 | 70 - 133 | 21 | 30 |
| Methylene Chloride | 0.89 | U | 15.9 | 13.8 | | ug/Kg | ☼ | 87 | 70 - 130 | 18 | 30 |
| m-Xylene & p-Xylene | 0.14 | U | 15.9 | 13.8 | | ug/Kg | ☼ | 87 | 80 - 120 | 20 | 30 |
| o-Xylene | 0.15 | U | 15.9 | 14.1 | | ug/Kg | ☼ | 89 | 80 - 120 | 18 | 30 |
| Styrene | 0.22 | U | 15.9 | 14.0 | | ug/Kg | ☼ | 88 | 73 - 120 | 19 | 30 |
| Tetrachloroethene | 0.24 | U | 15.9 | 13.3 | | ug/Kg | ☼ | 83 | 66 - 133 | 21 | 30 |
| Toluene | 0.18 | U | 15.9 | 13.9 | | ug/Kg | ☼ | 87 | 80 - 120 | 19 | 30 |
| trans-1,2-Dichloroethene | 0.19 | U | 15.9 | 13.9 | | ug/Kg | ☼ | 87 | 78 - 128 | 21 | 30 |
| trans-1,3-Dichloropropene | 0.21 | U | 15.9 | 13.7 | | ug/Kg | ☼ | 86 | 69 - 120 | 16 | 30 |
| Trichloroethene | 0.25 | U | 15.9 | 13.5 | | ug/Kg | ☼ | 85 | 75 - 120 | 19 | 30 |
| Trichlorofluoromethane | 0.32 | U | 15.9 | 14.9 | | ug/Kg | ☼ | 94 | 55 - 142 | 11 | 30 |
| Vinyl chloride | 0.42 | U | 15.9 | 15.2 | | ug/Kg | ☼ | 95 | 58 - 147 | 12 | 30 |
| 1,2-Dichloroethane | 0.23 | U | 15.9 | 13.8 | | ug/Kg | ☼ | 87 | 70 - 123 | 17 | 30 |
| 1,2-Dichlorobenzene | 0.28 | U | 15.9 | 14.0 | | ug/Kg | ☼ | 88 | 80 - 120 | 17 | 30 |
| 1,2-Dibromo-3-Chloropropane | 0.36 | U | 15.9 | 11.3 | | ug/Kg | ☼ | 71 | 64 - 124 | 18 | 30 |
| Isopropyl acetate | 0.24 | U | 15.9 | 12.9 | | ug/Kg | ☼ | 81 | 65 - 129 | 16 | 30 |
| n-Butyl acetate | 0.72 | U | 15.9 | 11.0 | | ug/Kg | ☼ | 69 | 45 - 150 | 20 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *72 - 138* |
| *4-Bromofluorobenzene* | *110* | | *63 - 139* |
| *Dibromofluoromethane (Surr)* | *105* | | *54 - 150* |
| *Toluene-d8 (Surr)* | *107* | | *71 - 126* |

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

**Lab Sample ID: MB 460-949644/7**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.23 | U | 1.0 | 0.23 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.21 | U | 1.0 | 0.21 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.30 | U | 1.0 | 0.30 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,1,2-Trichloroethane | 0.18 | U | 1.0 | 0.18 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,1-Dichloroethane | 0.21 | U | 1.0 | 0.21 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,1-Dichloroethene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,2,3-Trichlorobenzene | 0.18 | U | 1.0 | 0.18 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,2,4-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,2-Dichloropropane | 0.42 | U | 1.0 | 0.42 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,3-Dichlorobenzene | 0.37 | U | 1.0 | 0.37 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,4-Dichlorobenzene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,4-Dioxane | 9.2 | U | 100 | 9.2 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 2-Butanone (MEK) | 0.37 | U | 5.0 | 0.37 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 2-Hexanone | 1.7 | U | 5.0 | 1.7 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.6 | U | 5.0 | 1.6 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Acetone | 5.7 | U | 6.0 | 5.7 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Benzene | 0.26 | U | 1.0 | 0.26 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Bromoform | 0.43 | U | 1.0 | 0.43 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Bromomethane | 1.0 | U | 2.0 | 1.0 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Carbon disulfide | 0.27 | U | 1.0 | 0.27 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Carbon tetrachloride | 0.39 | U | 1.0 | 0.39 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Chlorobenzene | 0.18 | U | 1.0 | 0.18 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Chlorobromomethane | 0.28 | U | 1.0 | 0.28 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Chlorodibromomethane | 0.19 | U | 1.0 | 0.19 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Chloroethane | 0.52 | U | 1.0 | 0.52 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Chloroform | 0.97 | U | 1.0 | 0.97 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Chloromethane | 0.44 | U | 1.0 | 0.44 | ug/Kg | | | 12/13/23 10:11 | 1 |
| cis-1,2-Dichloroethene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | | 12/13/23 10:11 | 1 |
| cis-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Cyclohexane | 0.22 | U | 1.0 | 0.22 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Dichlorobromomethane | 0.26 | U | 1.0 | 0.26 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Dichlorodifluoromethane | 0.34 | U | 1.0 | 0.34 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Ethylbenzene | 0.20 | U | 1.0 | 0.20 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Ethylene Dibromide | 0.18 | U | 1.0 | 0.18 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Isopropylbenzene | 0.29 | U | 1.0 | 0.29 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Methyl acetate | 4.3 | U | 5.0 | 4.3 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Methyl tert-butyl ether | 0.51 | U | 1.0 | 0.51 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Methylcyclohexane | 0.50 | U | 1.0 | 0.50 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Methylene Chloride | 1.1 | U | 2.0 | 1.1 | ug/Kg | | | 12/13/23 10:11 | 1 |
| m-Xylene & p-Xylene | 0.17 | U | 1.0 | 0.17 | ug/Kg | | | 12/13/23 10:11 | 1 |
| o-Xylene | 0.19 | U | 1.0 | 0.19 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Styrene | 0.28 | U | 1.0 | 0.28 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Tetrachloroethene | 0.31 | U | 1.0 | 0.31 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Toluene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | | 12/13/23 10:11 | 1 |
| trans-1,2-Dichloroethene | 0.25 | U | 1.0 | 0.25 | ug/Kg | | | 12/13/23 10:11 | 1 |
| trans-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Trichloroethene | 0.32 | U | 1.0 | 0.32 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Trichlorofluoromethane | 0.41 | U | 1.0 | 0.41 | ug/Kg | | | 12/13/23 10:11 | 1 |

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

**Lab Sample ID: MB 460-949644/7**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | 0.55 | U | 1.0 | 0.55 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,2-Dichloroethane | 0.30 | U | 1.0 | 0.30 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,2-Dichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | | 12/13/23 10:11 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.46 | U | 1.0 | 0.46 | ug/Kg | | | 12/13/23 10:11 | 1 |
| Isopropyl acetate | 0.31 | U | 2.0 | 0.31 | ug/Kg | | | 12/13/23 10:11 | 1 |
| n-Butyl acetate | 0.92 | U | 2.0 | 0.92 | ug/Kg | | | 12/13/23 10:11 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *72 - 138* | | *12/13/23 10:11* | *1* |
| *4-Bromofluorobenzene* | *104* | | *63 - 139* | | *12/13/23 10:11* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *54 - 150* | | *12/13/23 10:11* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* | | *12/13/23 10:11* | *1* |

**Lab Sample ID: LCS 460-949644/3**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 20.1 | | ug/Kg | | 100 | 72 - 140 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 21.7 | | ug/Kg | | 109 | 66 - 133 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 19.6 | | ug/Kg | | 98 | 71 - 141 |
| 1,1,2-Trichloroethane | 20.0 | 21.4 | | ug/Kg | | 107 | 80 - 120 |
| 1,1-Dichloroethane | 20.0 | 21.5 | | ug/Kg | | 108 | 77 - 129 |
| 1,1-Dichloroethene | 20.0 | 19.6 | | ug/Kg | | 98 | 70 - 132 |
| 1,2,3-Trichlorobenzene | 20.0 | 21.1 | | ug/Kg | | 106 | 68 - 124 |
| 1,2,4-Trichlorobenzene | 20.0 | 21.2 | | ug/Kg | | 106 | 68 - 124 |
| 1,2-Dichloropropane | 20.0 | 21.2 | | ug/Kg | | 106 | 73 - 124 |
| 1,3-Dichlorobenzene | 20.0 | 21.2 | | ug/Kg | | 106 | 80 - 120 |
| 1,4-Dichlorobenzene | 20.0 | 21.6 | | ug/Kg | | 108 | 80 - 120 |
| 1,4-Dioxane | 400 | 408 | | ug/Kg | | 102 | 63 - 145 |
| 2-Butanone (MEK) | 100 | 88.9 | | ug/Kg | | 89 | 64 - 128 |
| 2-Hexanone | 100 | 102 | | ug/Kg | | 102 | 61 - 128 |
| 4-Methyl-2-pentanone (MIBK) | 100 | 104 | | ug/Kg | | 104 | 72 - 122 |
| Acetone | 100 | 86.9 | | ug/Kg | | 87 | 63 - 131 |
| Benzene | 20.0 | 20.5 | | ug/Kg | | 103 | 75 - 130 |
| Bromoform | 20.0 | 19.5 | | ug/Kg | | 98 | 18 - 150 |
| Bromomethane | 20.0 | 21.0 | | ug/Kg | | 105 | 40 - 150 |
| Carbon disulfide | 20.0 | 18.8 | | ug/Kg | | 94 | 69 - 141 |
| Carbon tetrachloride | 20.0 | 20.2 | | ug/Kg | | 101 | 54 - 150 |
| Chlorobenzene | 20.0 | 20.5 | | ug/Kg | | 103 | 80 - 120 |
| Chlorobromomethane | 20.0 | 21.8 | | ug/Kg | | 109 | 76 - 127 |
| Chlorodibromomethane | 20.0 | 20.7 | | ug/Kg | | 103 | 42 - 150 |
| Chloroethane | 20.0 | 22.3 | | ug/Kg | | 112 | 60 - 141 |
| Chloroform | 20.0 | 20.9 | | ug/Kg | | 104 | 79 - 126 |
| Chloromethane | 20.0 | 20.3 | | ug/Kg | | 101 | 55 - 139 |
| cis-1,2-Dichloroethene | 20.0 | 20.9 | | ug/Kg | | 105 | 80 - 123 |
| cis-1,3-Dichloropropene | 20.0 | 21.7 | | ug/Kg | | 108 | 70 - 127 |
| Cyclohexane | 20.0 | 19.0 | | ug/Kg | | 95 | 74 - 132 |

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

**Lab Sample ID: LCS 460-949644/3**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Dichlorobromomethane | 20.0 | 21.1 | | ug/Kg | | 106 | 67 - 124 |
| Dichlorodifluoromethane | 20.0 | 18.4 | | ug/Kg | | 92 | 51 - 138 |
| Ethylbenzene | 20.0 | 20.3 | | ug/Kg | | 102 | 80 - 120 |
| Ethylene Dibromide | 20.0 | 21.0 | | ug/Kg | | 105 | 79 - 120 |
| Isopropylbenzene | 20.0 | 20.3 | | ug/Kg | | 102 | 80 - 120 |
| Methyl acetate | 40.0 | 38.1 | | ug/Kg | | 95 | 52 - 143 |
| Methyl tert-butyl ether | 20.0 | 21.8 | | ug/Kg | | 109 | 74 - 125 |
| Methylcyclohexane | 20.0 | 18.9 | | ug/Kg | | 94 | 70 - 133 |
| Methylene Chloride | 20.0 | 20.5 | | ug/Kg | | 102 | 70 - 130 |
| m-Xylene & p-Xylene | 20.0 | 20.5 | | ug/Kg | | 102 | 80 - 120 |
| o-Xylene | 20.0 | 20.9 | | ug/Kg | | 105 | 80 - 120 |
| Styrene | 20.0 | 20.9 | | ug/Kg | | 104 | 73 - 120 |
| Tetrachloroethene | 20.0 | 19.3 | | ug/Kg | | 96 | 66 - 133 |
| Toluene | 20.0 | 20.3 | | ug/Kg | | 101 | 80 - 120 |
| trans-1,2-Dichloroethene | 20.0 | 20.0 | | ug/Kg | | 100 | 78 - 128 |
| trans-1,3-Dichloropropene | 20.0 | 21.6 | | ug/Kg | | 108 | 69 - 120 |
| Trichloroethene | 20.0 | 20.0 | | ug/Kg | | 100 | 75 - 120 |
| Trichlorofluoromethane | 20.0 | 20.9 | | ug/Kg | | 104 | 55 - 142 |
| Vinyl chloride | 20.0 | 21.7 | | ug/Kg | | 108 | 58 - 147 |
| 1,2-Dichloroethane | 20.0 | 21.2 | | ug/Kg | | 106 | 70 - 123 |
| 1,2-Dichlorobenzene | 20.0 | 20.9 | | ug/Kg | | 105 | 80 - 120 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 20.4 | | ug/Kg | | 102 | 64 - 124 |
| Isopropyl acetate | 20.0 | 20.8 | | ug/Kg | | 104 | 65 - 129 |
| n-Butyl acetate | 20.0 | 21.4 | | ug/Kg | | 107 | 45 - 150 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *72 - 138* |
| *4-Bromofluorobenzene* | *107* | | *63 - 139* |
| *Dibromofluoromethane (Surr)* | *102* | | *54 - 150* |
| *Toluene-d8 (Surr)* | *103* | | *71 - 126* |

**Lab Sample ID: LCSD 460-949644/4**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 20.5 | | ug/Kg | | 103 | 72 - 140 | 2 | 30 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 20.9 | | ug/Kg | | 104 | 66 - 133 | 4 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 21.1 | | ug/Kg | | 105 | 71 - 141 | 7 | 30 |
| 1,1,2-Trichloroethane | 20.0 | 20.8 | | ug/Kg | | 104 | 80 - 120 | 3 | 30 |
| 1,1-Dichloroethane | 20.0 | 21.6 | | ug/Kg | | 108 | 77 - 129 | 0 | 30 |
| 1,1-Dichloroethene | 20.0 | 20.1 | | ug/Kg | | 101 | 70 - 132 | 3 | 30 |
| 1,2,3-Trichlorobenzene | 20.0 | 20.8 | | ug/Kg | | 104 | 68 - 124 | 1 | 30 |
| 1,2,4-Trichlorobenzene | 20.0 | 20.9 | | ug/Kg | | 105 | 68 - 124 | 1 | 30 |
| 1,2-Dichloropropane | 20.0 | 21.1 | | ug/Kg | | 106 | 73 - 124 | 0 | 30 |
| 1,3-Dichlorobenzene | 20.0 | 21.3 | | ug/Kg | | 107 | 80 - 120 | 0 | 30 |
| 1,4-Dichlorobenzene | 20.0 | 21.1 | | ug/Kg | | 106 | 80 - 120 | 2 | 30 |
| 1,4-Dioxane | 400 | 458 | | ug/Kg | | 115 | 63 - 145 | 12 | 30 |

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

**Lab Sample ID: LCSD 460-949644/4**
**Matrix: Solid**
**Analysis Batch: 949644**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | | | 100 | 89.7 | | ug/Kg | | 90 | 64 - 128 | 1 | 30 |
| 2-Hexanone | | | 100 | 97.7 | | ug/Kg | | 98 | 61 - 128 | 4 | 30 |
| 4-Methyl-2-pentanone (MIBK) | | | 100 | 102 | | ug/Kg | | 102 | 72 - 122 | 1 | 30 |
| Acetone | | | 100 | 86.4 | | ug/Kg | | 86 | 63 - 131 | 0 | 30 |
| Benzene | | | 20.0 | 20.8 | | ug/Kg | | 104 | 75 - 130 | 1 | 30 |
| Bromoform | | | 20.0 | 19.4 | | ug/Kg | | 97 | 18 - 150 | 0 | 30 |
| Bromomethane | | | 20.0 | 20.3 | | ug/Kg | | 101 | 40 - 150 | 3 | 30 |
| Carbon disulfide | | | 20.0 | 19.5 | | ug/Kg | | 97 | 69 - 141 | 3 | 30 |
| Carbon tetrachloride | | | 20.0 | 21.2 | | ug/Kg | | 106 | 54 - 150 | 5 | 30 |
| Chlorobenzene | | | 20.0 | 20.5 | | ug/Kg | | 102 | 80 - 120 | 0 | 30 |
| Chlorobromomethane | | | 20.0 | 21.5 | | ug/Kg | | 107 | 76 - 127 | 2 | 30 |
| Chlorodibromomethane | | | 20.0 | 21.0 | | ug/Kg | | 105 | 42 - 150 | 2 | 30 |
| Chloroethane | | | 20.0 | 22.4 | | ug/Kg | | 112 | 60 - 141 | 0 | 30 |
| Chloroform | | | 20.0 | 20.8 | | ug/Kg | | 104 | 79 - 126 | 0 | 30 |
| Chloromethane | | | 20.0 | 20.0 | | ug/Kg | | 100 | 55 - 139 | 2 | 30 |
| cis-1,2-Dichloroethene | | | 20.0 | 20.8 | | ug/Kg | | 104 | 80 - 123 | 1 | 30 |
| cis-1,3-Dichloropropene | | | 20.0 | 21.6 | | ug/Kg | | 108 | 70 - 127 | 0 | 30 |
| Cyclohexane | | | 20.0 | 20.0 | | ug/Kg | | 100 | 74 - 132 | 5 | 30 |
| Dichlorobromomethane | | | 20.0 | 20.9 | | ug/Kg | | 105 | 67 - 124 | 1 | 30 |
| Dichlorodifluoromethane | | | 20.0 | 19.4 | | ug/Kg | | 97 | 51 - 138 | 5 | 30 |
| Ethylbenzene | | | 20.0 | 20.6 | | ug/Kg | | 103 | 80 - 120 | 2 | 30 |
| Ethylene Dibromide | | | 20.0 | 20.2 | | ug/Kg | | 101 | 79 - 120 | 4 | 30 |
| Isopropylbenzene | | | 20.0 | 20.9 | | ug/Kg | | 105 | 80 - 120 | 3 | 30 |
| Methyl acetate | | | 40.0 | 38.2 | | ug/Kg | | 96 | 52 - 143 | 0 | 30 |
| Methyl tert-butyl ether | | | 20.0 | 21.4 | | ug/Kg | | 107 | 74 - 125 | 2 | 30 |
| Methylcyclohexane | | | 20.0 | 20.3 | | ug/Kg | | 102 | 70 - 133 | 7 | 30 |
| Methylene Chloride | | | 20.0 | 20.0 | | ug/Kg | | 100 | 70 - 130 | 3 | 30 |
| m-Xylene & p-Xylene | | | 20.0 | 20.7 | | ug/Kg | | 104 | 80 - 120 | 1 | 30 |
| o-Xylene | | | 20.0 | 20.7 | | ug/Kg | | 104 | 80 - 120 | 1 | 30 |
| Styrene | | | 20.0 | 20.9 | | ug/Kg | | 104 | 73 - 120 | 0 | 30 |
| Tetrachloroethene | | | 20.0 | 20.0 | | ug/Kg | | 100 | 66 - 133 | 3 | 30 |
| Toluene | | | 20.0 | 20.4 | | ug/Kg | | 102 | 80 - 120 | 1 | 30 |
| trans-1,2-Dichloroethene | | | 20.0 | 20.5 | | ug/Kg | | 103 | 78 - 128 | 3 | 30 |
| trans-1,3-Dichloropropene | | | 20.0 | 21.0 | | ug/Kg | | 105 | 69 - 120 | 3 | 30 |
| Trichloroethene | | | 20.0 | 20.4 | | ug/Kg | | 102 | 75 - 120 | 2 | 30 |
| Trichlorofluoromethane | | | 20.0 | 21.6 | | ug/Kg | | 108 | 55 - 142 | 4 | 30 |
| Vinyl chloride | | | 20.0 | 22.0 | | ug/Kg | | 110 | 58 - 147 | 2 | 30 |
| 1,2-Dichloroethane | | | 20.0 | 20.5 | | ug/Kg | | 102 | 70 - 123 | 3 | 30 |
| 1,2-Dichlorobenzene | | | 20.0 | 21.0 | | ug/Kg | | 105 | 80 - 120 | 0 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 20.0 | 19.5 | | ug/Kg | | 97 | 64 - 124 | 5 | 30 |
| Isopropyl acetate | | | 20.0 | 20.0 | | ug/Kg | | 100 | 65 - 129 | 4 | 30 |
| n-Butyl acetate | | | 20.0 | 19.7 | | ug/Kg | | 98 | 45 - 150 | 8 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *93* | | *72 - 138* |
| *4-Bromofluorobenzene* | *104* | | *63 - 139* |
| *Dibromofluoromethane (Surr)* | *98* | | *54 - 150* |
| *Toluene-d8 (Surr)* | *101* | | *71 - 126* |

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

**Lab Sample ID: MB 460-949677/8**
**Matrix: Water**
**Analysis Batch: 949677**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.24 | U | 1.0 | 0.24 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,2,3-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,2,4-Trichlorobenzene | 0.37 | U | 1.0 | 0.37 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,3-Dichlorobenzene | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,4-Dichlorobenzene | 0.33 | U | 1.0 | 0.33 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 12/13/23 12:50 | 1 |
| 2-Butanone (MEK) | 1.9 | U | 5.0 | 1.9 | ug/L | | | 12/13/23 12:50 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 12/13/23 12:50 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 5.0 | 1.3 | ug/L | | | 12/13/23 12:50 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 12/13/23 12:50 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 12/13/23 12:50 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 12/13/23 12:50 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 12/13/23 12:50 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 12/13/23 12:50 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 12/13/23 12:50 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 12:50 | 1 |
| Chlorobromomethane | 0.41 | U | 1.0 | 0.41 | ug/L | | | 12/13/23 12:50 | 1 |
| Chlorodibromomethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 12/13/23 12:50 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 12:50 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 12/13/23 12:50 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 12/13/23 12:50 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 12:50 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 12:50 | 1 |
| Cyclohexane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 12:50 | 1 |
| Dichlorobromomethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 12:50 | 1 |
| Dichlorodifluoromethane | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 12:50 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 12/13/23 12:50 | 1 |
| Ethylene Dibromide | 0.50 | U | 1.0 | 0.50 | ug/L | | | 12/13/23 12:50 | 1 |
| Isopropylbenzene | 0.34 | U | 1.0 | 0.34 | ug/L | | | 12/13/23 12:50 | 1 |
| Methyl acetate | 0.79 | U | 5.0 | 0.79 | ug/L | | | 12/13/23 12:50 | 1 |
| Methyl tert-butyl ether | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 12:50 | 1 |
| Methylcyclohexane | 0.71 | U | 1.0 | 0.71 | ug/L | | | 12/13/23 12:50 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 12:50 | 1 |
| m-Xylene & p-Xylene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 12/13/23 12:50 | 1 |
| o-Xylene | 0.36 | U | 1.0 | 0.36 | ug/L | | | 12/13/23 12:50 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 12/13/23 12:50 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 12/13/23 12:50 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 12:50 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 12/13/23 12:50 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 12/13/23 12:50 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 12/13/23 12:50 | 1 |
| Trichlorofluoromethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 12/13/23 12:50 | 1 |

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

**Lab Sample ID: MB 460-949677/8**
**Matrix: Water**
**Analysis Batch: 949677**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,2-Dichlorobenzene | 0.21 | U | 1.0 | 0.21 | ug/L | | | 12/13/23 12:50 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.38 | U | 1.0 | 0.38 | ug/L | | | 12/13/23 12:50 | 1 |
| Isopropyl acetate | 0.40 | U | 2.0 | 0.40 | ug/L | | | 12/13/23 12:50 | 1 |
| n-Butyl acetate | 0.33 | U | 2.0 | 0.33 | ug/L | | | 12/13/23 12:50 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *70 - 128* | | *12/13/23 12:50* | *1* |
| *4-Bromofluorobenzene* | *115* | | *76 - 120* | | *12/13/23 12:50* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *77 - 132* | | *12/13/23 12:50* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *12/13/23 12:50* | *1* |

**Lab Sample ID: LCS 460-949677/3**
**Matrix: Water**
**Analysis Batch: 949677**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 20.1 | | ug/L | | 100 | 72 - 128 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 17.4 | | ug/L | | 87 | 63 - 139 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 21.8 | | ug/L | | 109 | 51 - 142 |
| 1,1,2-Trichloroethane | 20.0 | 17.5 | | ug/L | | 88 | 74 - 125 |
| 1,1-Dichloroethane | 20.0 | 18.6 | | ug/L | | 93 | 73 - 130 |
| 1,1-Dichloroethene | 20.0 | 19.1 | | ug/L | | 95 | 68 - 133 |
| 1,2,3-Trichlorobenzene | 20.0 | 22.3 | | ug/L | | 112 | 52 - 120 |
| 1,2,4-Trichlorobenzene | 20.0 | 23.8 | | ug/L | | 119 | 67 - 132 |
| 1,2-Dichloropropane | 20.0 | 19.9 | | ug/L | | 100 | 68 - 128 |
| 1,3-Dichlorobenzene | 20.0 | 20.0 | | ug/L | | 100 | 80 - 120 |
| 1,4-Dichlorobenzene | 20.0 | 20.2 | | ug/L | | 101 | 80 - 120 |
| 1,4-Dioxane | 400 | 408 | | ug/L | | 102 | 10 - 120 |
| 2-Butanone (MEK) | 100 | 102 | | ug/L | | 102 | 61 - 142 |
| 2-Hexanone | 100 | 103 | | ug/L | | 103 | 61 - 134 |
| 4-Methyl-2-pentanone (MIBK) | 100 | 103 | | ug/L | | 103 | 69 - 139 |
| Acetone | 100 | 96.2 | | ug/L | | 96 | 49 - 149 |
| Benzene | 20.0 | 19.2 | | ug/L | | 96 | 71 - 126 |
| Bromoform | 20.0 | 19.6 | | ug/L | | 98 | 58 - 136 |
| Bromomethane | 20.0 | 12.1 | | ug/L | | 61 | 10 - 120 |
| Carbon disulfide | 20.0 | 22.2 | | ug/L | | 111 | 68 - 138 |
| Carbon tetrachloride | 20.0 | 21.1 | | ug/L | | 105 | 65 - 142 |
| Chlorobenzene | 20.0 | 19.7 | | ug/L | | 98 | 80 - 120 |
| Chlorobromomethane | 20.0 | 19.9 | | ug/L | | 100 | 76 - 134 |
| Chlorodibromomethane | 20.0 | 20.3 | | ug/L | | 101 | 69 - 130 |
| Chloroethane | 20.0 | 18.4 | | ug/L | | 92 | 48 - 150 |
| Chloroform | 20.0 | 18.7 | | ug/L | | 94 | 78 - 125 |
| Chloromethane | 20.0 | 17.6 | | ug/L | | 88 | 43 - 140 |
| cis-1,2-Dichloroethene | 20.0 | 18.9 | | ug/L | | 95 | 78 - 121 |
| cis-1,3-Dichloropropene | 20.0 | 18.8 | | ug/L | | 94 | 74 - 125 |
| Cyclohexane | 20.0 | 22.6 | | ug/L | | 113 | 60 - 142 |

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

**Lab Sample ID: LCS 460-949677/3**
**Matrix: Water**
**Analysis Batch: 949677**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Dichlorobromomethane | 20.0 | 19.4 | | ug/L | | 97 | 76 - 121 |
| Dichlorodifluoromethane | 20.0 | 15.5 | | ug/L | | 78 | 27 - 120 |
| Ethylbenzene | 20.0 | 19.2 | | ug/L | | 96 | 78 - 120 |
| Ethylene Dibromide | 20.0 | 19.5 | | ug/L | | 98 | 79 - 126 |
| Isopropylbenzene | 20.0 | 19.8 | | ug/L | | 99 | 79 - 125 |
| Methyl acetate | 40.0 | 32.8 | | ug/L | | 82 | 43 - 120 |
| Methyl tert-butyl ether | 20.0 | 18.7 | | ug/L | | 93 | 72 - 131 |
| Methylcyclohexane | 20.0 | 21.5 | | ug/L | | 107 | 49 - 149 |
| Methylene Chloride | 20.0 | 19.5 | | ug/L | | 97 | 74 - 127 |
| m-Xylene & p-Xylene | 20.0 | 19.8 | | ug/L | | 99 | 78 - 120 |
| o-Xylene | 20.0 | 19.4 | | ug/L | | 97 | 78 - 120 |
| Styrene | 20.0 | 18.5 | | ug/L | | 93 | 82 - 127 |
| Tetrachloroethene | 20.0 | 22.3 | | ug/L | | 111 | 70 - 127 |
| Toluene | 20.0 | 18.3 | | ug/L | | 91 | 78 - 120 |
| trans-1,2-Dichloroethene | 20.0 | 19.2 | | ug/L | | 96 | 74 - 126 |
| trans-1,3-Dichloropropene | 20.0 | 17.0 | | ug/L | | 85 | 66 - 127 |
| Trichloroethene | 20.0 | 19.4 | | ug/L | | 97 | 51 - 121 |
| Trichlorofluoromethane | 20.0 | 18.8 | | ug/L | | 94 | 50 - 120 |
| Vinyl chloride | 20.0 | 19.0 | | ug/L | | 95 | 55 - 144 |
| 1,2-Dichloroethane | 20.0 | 17.8 | | ug/L | | 89 | 66 - 129 |
| 1,2-Dichlorobenzene | 20.0 | 20.2 | | ug/L | | 101 | 80 - 120 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 19.7 | | ug/L | | 98 | 58 - 132 |
| Isopropyl acetate | 20.0 | 18.1 | | ug/L | | 91 | 29 - 120 |
| n-Butyl acetate | 20.0 | 17.6 | | ug/L | | 88 | 31 - 120 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *91* | | *70 - 128* |
| *4-Bromofluorobenzene* | *117* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 460-949677/4**
**Matrix: Water**
**Analysis Batch: 949677**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.3 | | ug/L | | 97 | 72 - 128 | 4 | 30 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 16.7 | | ug/L | | 83 | 63 - 139 | 5 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 20.3 | | ug/L | | 102 | 51 - 142 | 7 | 30 |
| 1,1,2-Trichloroethane | 20.0 | 17.2 | | ug/L | | 86 | 74 - 125 | 2 | 30 |
| 1,1-Dichloroethane | 20.0 | 17.5 | | ug/L | | 88 | 73 - 130 | 6 | 30 |
| 1,1-Dichloroethene | 20.0 | 17.8 | | ug/L | | 89 | 68 - 133 | 7 | 30 |
| 1,2,3-Trichlorobenzene | 20.0 | 22.6 | | ug/L | | 113 | 52 - 120 | 1 | 30 |
| 1,2,4-Trichlorobenzene | 20.0 | 22.9 | | ug/L | | 115 | 67 - 132 | 4 | 30 |
| 1,2-Dichloropropane | 20.0 | 18.9 | | ug/L | | 94 | 68 - 128 | 6 | 30 |
| 1,3-Dichlorobenzene | 20.0 | 19.3 | | ug/L | | 96 | 80 - 120 | 3 | 30 |
| 1,4-Dichlorobenzene | 20.0 | 19.2 | | ug/L | | 96 | 80 - 120 | 5 | 30 |
| 1,4-Dioxane | 400 | 397 | | ug/L | | 99 | 10 - 120 | 3 | 30 |

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

**Lab Sample ID: LCSD 460-949677/4**
**Matrix: Water**
**Analysis Batch: 949677**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | | | 100 | 98.5 | | ug/L | | 98 | 61 - 142 | 4 | 30 |
| 2-Hexanone | | | 100 | 101 | | ug/L | | 101 | 61 - 134 | 2 | 30 |
| 4-Methyl-2-pentanone (MIBK) | | | 100 | 101 | | ug/L | | 101 | 69 - 139 | 1 | 30 |
| Acetone | | | 100 | 92.5 | | ug/L | | 93 | 49 - 149 | 4 | 30 |
| Benzene | | | 20.0 | 18.4 | | ug/L | | 92 | 71 - 126 | 4 | 30 |
| Bromoform | | | 20.0 | 18.7 | | ug/L | | 93 | 58 - 136 | 5 | 30 |
| Bromomethane | | | 20.0 | 12.1 | | ug/L | | 60 | 10 - 120 | 0 | 30 |
| Carbon disulfide | | | 20.0 | 21.2 | | ug/L | | 106 | 68 - 138 | 5 | 30 |
| Carbon tetrachloride | | | 20.0 | 20.6 | | ug/L | | 103 | 65 - 142 | 2 | 30 |
| Chlorobenzene | | | 20.0 | 18.3 | | ug/L | | 92 | 80 - 120 | 7 | 30 |
| Chlorobromomethane | | | 20.0 | 19.2 | | ug/L | | 96 | 76 - 134 | 4 | 30 |
| Chlorodibromomethane | | | 20.0 | 19.6 | | ug/L | | 98 | 69 - 130 | 3 | 30 |
| Chloroethane | | | 20.0 | 16.7 | | ug/L | | 83 | 48 - 150 | 10 | 30 |
| Chloroform | | | 20.0 | 17.9 | | ug/L | | 90 | 78 - 125 | 4 | 30 |
| Chloromethane | | | 20.0 | 16.6 | | ug/L | | 83 | 43 - 140 | 6 | 30 |
| cis-1,2-Dichloroethene | | | 20.0 | 17.4 | | ug/L | | 87 | 78 - 121 | 8 | 30 |
| cis-1,3-Dichloropropene | | | 20.0 | 18.0 | | ug/L | | 90 | 74 - 125 | 4 | 30 |
| Cyclohexane | | | 20.0 | 21.4 | | ug/L | | 107 | 60 - 142 | 5 | 30 |
| Dichlorobromomethane | | | 20.0 | 18.5 | | ug/L | | 93 | 76 - 121 | 4 | 30 |
| Dichlorodifluoromethane | | | 20.0 | 15.7 | | ug/L | | 79 | 27 - 120 | 1 | 30 |
| Ethylbenzene | | | 20.0 | 18.2 | | ug/L | | 91 | 78 - 120 | 5 | 30 |
| Ethylene Dibromide | | | 20.0 | 19.3 | | ug/L | | 96 | 79 - 126 | 1 | 30 |
| Isopropylbenzene | | | 20.0 | 18.5 | | ug/L | | 93 | 79 - 125 | 7 | 30 |
| Methyl acetate | | | 40.0 | 33.3 | | ug/L | | 83 | 43 - 120 | 2 | 30 |
| Methyl tert-butyl ether | | | 20.0 | 18.0 | | ug/L | | 90 | 72 - 131 | 4 | 30 |
| Methylcyclohexane | | | 20.0 | 20.3 | | ug/L | | 102 | 49 - 149 | 6 | 30 |
| Methylene Chloride | | | 20.0 | 18.6 | | ug/L | | 93 | 74 - 127 | 4 | 30 |
| m-Xylene & p-Xylene | | | 20.0 | 18.9 | | ug/L | | 95 | 78 - 120 | 4 | 30 |
| o-Xylene | | | 20.0 | 18.8 | | ug/L | | 94 | 78 - 120 | 3 | 30 |
| Styrene | | | 20.0 | 17.4 | | ug/L | | 87 | 82 - 127 | 6 | 30 |
| Tetrachloroethene | | | 20.0 | 21.0 | | ug/L | | 105 | 70 - 127 | 6 | 30 |
| Toluene | | | 20.0 | 17.2 | | ug/L | | 86 | 78 - 120 | 6 | 30 |
| trans-1,2-Dichloroethene | | | 20.0 | 18.1 | | ug/L | | 91 | 74 - 126 | 6 | 30 |
| trans-1,3-Dichloropropene | | | 20.0 | 16.3 | | ug/L | | 82 | 66 - 127 | 4 | 30 |
| Trichloroethene | | | 20.0 | 18.3 | | ug/L | | 91 | 51 - 121 | 6 | 30 |
| Trichlorofluoromethane | | | 20.0 | 17.6 | | ug/L | | 88 | 50 - 120 | 6 | 30 |
| Vinyl chloride | | | 20.0 | 18.5 | | ug/L | | 93 | 55 - 144 | 3 | 30 |
| 1,2-Dichloroethane | | | 20.0 | 17.7 | | ug/L | | 88 | 66 - 129 | 1 | 30 |
| 1,2-Dichlorobenzene | | | 20.0 | 19.4 | | ug/L | | 97 | 80 - 120 | 4 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 20.0 | 18.4 | | ug/L | | 92 | 58 - 132 | 6 | 30 |
| Isopropyl acetate | | | 20.0 | 17.6 | | ug/L | | 88 | 29 - 120 | 3 | 30 |
| n-Butyl acetate | | | 20.0 | 16.4 | | ug/L | | 82 | 31 - 120 | 7 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *90* | | *70 - 128* |
| *4-Bromofluorobenzene* | *116* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *104* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

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

**Lab Sample ID: MB 460-949836/7**
**Matrix: Solid**
**Analysis Batch: 949836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.23 | U | 1.0 | 0.23 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.21 | U | 1.0 | 0.21 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.30 | U | 1.0 | 0.30 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,1,2-Trichloroethane | 0.18 | U | 1.0 | 0.18 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,1-Dichloroethane | 0.21 | U | 1.0 | 0.21 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,1-Dichloroethene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,2,3-Trichlorobenzene | 0.18 | U | 1.0 | 0.18 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,2,4-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,2-Dichloropropane | 0.42 | U | 1.0 | 0.42 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,3-Dichlorobenzene | 0.37 | U | 1.0 | 0.37 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,4-Dichlorobenzene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,4-Dioxane | 9.2 | U | 100 | 9.2 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 2-Butanone (MEK) | 0.37 | U | 5.0 | 0.37 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 2-Hexanone | 1.7 | U | 5.0 | 1.7 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 1.6 | U | 5.0 | 1.6 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Acetone | 5.7 | U | 6.0 | 5.7 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Benzene | 0.26 | U | 1.0 | 0.26 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Bromoform | 0.43 | U | 1.0 | 0.43 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Bromomethane | 1.0 | U | 2.0 | 1.0 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Carbon disulfide | 0.27 | U | 1.0 | 0.27 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Carbon tetrachloride | 0.39 | U | 1.0 | 0.39 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Chlorobenzene | 0.18 | U | 1.0 | 0.18 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Chlorobromomethane | 0.28 | U | 1.0 | 0.28 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Chlorodibromomethane | 0.19 | U | 1.0 | 0.19 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Chloroethane | 0.52 | U | 1.0 | 0.52 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Chloroform | 0.97 | U | 1.0 | 0.97 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Chloromethane | 0.44 | U | 1.0 | 0.44 | ug/Kg | | | 12/14/23 08:32 | 1 |
| cis-1,2-Dichloroethene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | | 12/14/23 08:32 | 1 |
| cis-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Cyclohexane | 0.22 | U | 1.0 | 0.22 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Dichlorobromomethane | 0.26 | U | 1.0 | 0.26 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Dichlorodifluoromethane | 0.34 | U | 1.0 | 0.34 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Ethylbenzene | 0.20 | U | 1.0 | 0.20 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Ethylene Dibromide | 0.18 | U | 1.0 | 0.18 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Isopropylbenzene | 0.29 | U | 1.0 | 0.29 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Methyl acetate | 4.3 | U | 5.0 | 4.3 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Methyl tert-butyl ether | 0.51 | U | 1.0 | 0.51 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Methylcyclohexane | 0.50 | U | 1.0 | 0.50 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Methylene Chloride | 1.1 | U | 2.0 | 1.1 | ug/Kg | | | 12/14/23 08:32 | 1 |
| m-Xylene & p-Xylene | 0.17 | U | 1.0 | 0.17 | ug/Kg | | | 12/14/23 08:32 | 1 |
| o-Xylene | 0.19 | U | 1.0 | 0.19 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Styrene | 0.28 | U | 1.0 | 0.28 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Tetrachloroethene | 0.31 | U | 1.0 | 0.31 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Toluene | 0.23 | U | 1.0 | 0.23 | ug/Kg | | | 12/14/23 08:32 | 1 |
| trans-1,2-Dichloroethene | 0.25 | U | 1.0 | 0.25 | ug/Kg | | | 12/14/23 08:32 | 1 |
| trans-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Trichloroethene | 0.32 | U | 1.0 | 0.32 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Trichlorofluoromethane | 0.41 | U | 1.0 | 0.41 | ug/Kg | | | 12/14/23 08:32 | 1 |

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

**Lab Sample ID: MB 460-949836/7**
**Matrix: Solid**
**Analysis Batch: 949836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | 0.55 | U | 1.0 | 0.55 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,2-Dichloroethane | 0.30 | U | 1.0 | 0.30 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,2-Dichlorobenzene | 0.36 | U | 1.0 | 0.36 | ug/Kg | | | 12/14/23 08:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.46 | U | 1.0 | 0.46 | ug/Kg | | | 12/14/23 08:32 | 1 |
| Isopropyl acetate | 0.31 | U | 2.0 | 0.31 | ug/Kg | | | 12/14/23 08:32 | 1 |
| n-Butyl acetate | 0.92 | U | 2.0 | 0.92 | ug/Kg | | | 12/14/23 08:32 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *72 - 138* | | *12/14/23 08:32* | *1* |
| *4-Bromofluorobenzene* | *91* | | *63 - 139* | | *12/14/23 08:32* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *54 - 150* | | *12/14/23 08:32* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* | | *12/14/23 08:32* | *1* |

**Lab Sample ID: LCS 460-949836/4**
**Matrix: Solid**
**Analysis Batch: 949836**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.2 | | ug/Kg | | 96 | 72 - 140 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 22.4 | | ug/Kg | | 112 | 66 - 133 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 22.7 | | ug/Kg | | 114 | 71 - 141 |
| 1,1,2-Trichloroethane | 20.0 | 22.0 | | ug/Kg | | 110 | 80 - 120 |
| 1,1-Dichloroethane | 20.0 | 22.0 | | ug/Kg | | 110 | 77 - 129 |
| 1,1-Dichloroethene | 20.0 | 23.2 | | ug/Kg | | 116 | 70 - 132 |
| 1,2,3-Trichlorobenzene | 20.0 | 19.5 | | ug/Kg | | 97 | 68 - 124 |
| 1,2,4-Trichlorobenzene | 20.0 | 18.9 | | ug/Kg | | 95 | 68 - 124 |
| 1,2-Dichloropropane | 20.0 | 21.8 | | ug/Kg | | 109 | 73 - 124 |
| 1,3-Dichlorobenzene | 20.0 | 21.0 | | ug/Kg | | 105 | 80 - 120 |
| 1,4-Dichlorobenzene | 20.0 | 21.2 | | ug/Kg | | 106 | 80 - 120 |
| 1,4-Dioxane | 400 | 432 | | ug/Kg | | 108 | 63 - 145 |
| 2-Butanone (MEK) | 100 | 90.7 | | ug/Kg | | 91 | 64 - 128 |
| 2-Hexanone | 100 | 93.8 | | ug/Kg | | 94 | 61 - 128 |
| 4-Methyl-2-pentanone (MIBK) | 100 | 84.2 | | ug/Kg | | 84 | 72 - 122 |
| Acetone | 100 | 98.7 | | ug/Kg | | 99 | 63 - 131 |
| Benzene | 20.0 | 19.2 | | ug/Kg | | 96 | 75 - 130 |
| Bromoform | 20.0 | 18.8 | | ug/Kg | | 94 | 18 - 150 |
| Bromomethane | 20.0 | 17.6 | | ug/Kg | | 88 | 40 - 150 |
| Carbon disulfide | 20.0 | 22.4 | | ug/Kg | | 112 | 69 - 141 |
| Carbon tetrachloride | 20.0 | 19.1 | | ug/Kg | | 95 | 54 - 150 |
| Chlorobenzene | 20.0 | 20.3 | | ug/Kg | | 102 | 80 - 120 |
| Chlorobromomethane | 20.0 | 19.3 | | ug/Kg | | 96 | 76 - 127 |
| Chlorodibromomethane | 20.0 | 19.7 | | ug/Kg | | 99 | 42 - 150 |
| Chloroethane | 20.0 | 20.1 | | ug/Kg | | 100 | 60 - 141 |
| Chloroform | 20.0 | 21.6 | | ug/Kg | | 108 | 79 - 126 |
| Chloromethane | 20.0 | 19.9 | | ug/Kg | | 100 | 55 - 139 |
| cis-1,2-Dichloroethene | 20.0 | 21.6 | | ug/Kg | | 108 | 80 - 123 |
| cis-1,3-Dichloropropene | 20.0 | 16.7 | | ug/Kg | | 84 | 70 - 127 |
| Cyclohexane | 20.0 | 21.0 | | ug/Kg | | 105 | 74 - 132 |

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

**Lab Sample ID: LCS 460-949836/4**
**Matrix: Solid**
**Analysis Batch: 949836**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Dichlorobromomethane | 20.0 | 20.7 | | ug/Kg | | 104 | 67 - 124 |
| Dichlorodifluoromethane | 20.0 | 17.2 | | ug/Kg | | 86 | 51 - 138 |
| Ethylbenzene | 20.0 | 18.7 | | ug/Kg | | 94 | 80 - 120 |
| Ethylene Dibromide | 20.0 | 19.7 | | ug/Kg | | 99 | 79 - 120 |
| Isopropylbenzene | 20.0 | 19.2 | | ug/Kg | | 96 | 80 - 120 |
| Methyl acetate | 40.0 | 50.2 | | ug/Kg | | 125 | 52 - 143 |
| Methyl tert-butyl ether | 20.0 | 19.9 | | ug/Kg | | 100 | 74 - 125 |
| Methylcyclohexane | 20.0 | 20.4 | | ug/Kg | | 102 | 70 - 133 |
| Methylene Chloride | 20.0 | 22.3 | | ug/Kg | | 111 | 70 - 130 |
| m-Xylene & p-Xylene | 20.0 | 18.8 | | ug/Kg | | 94 | 80 - 120 |
| o-Xylene | 20.0 | 17.8 | | ug/Kg | | 89 | 80 - 120 |
| Styrene | 20.0 | 17.2 | | ug/Kg | | 86 | 73 - 120 |
| Tetrachloroethene | 20.0 | 19.9 | | ug/Kg | | 99 | 66 - 133 |
| Toluene | 20.0 | 20.2 | | ug/Kg | | 101 | 80 - 120 |
| trans-1,2-Dichloroethene | 20.0 | 22.1 | | ug/Kg | | 110 | 78 - 128 |
| trans-1,3-Dichloropropene | 20.0 | 18.1 | | ug/Kg | | 90 | 69 - 120 |
| Trichloroethene | 20.0 | 20.4 | | ug/Kg | | 102 | 75 - 120 |
| Trichlorofluoromethane | 20.0 | 15.1 | | ug/Kg | | 76 | 55 - 142 |
| Vinyl chloride | 20.0 | 18.7 | | ug/Kg | | 93 | 58 - 147 |
| 1,2-Dichloroethane | 20.0 | 21.4 | | ug/Kg | | 107 | 70 - 123 |
| 1,2-Dichlorobenzene | 20.0 | 21.2 | | ug/Kg | | 106 | 80 - 120 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 17.8 | | ug/Kg | | 89 | 64 - 124 |
| Isopropyl acetate | 20.0 | 20.1 | | ug/Kg | | 101 | 65 - 129 |
| n-Butyl acetate | 20.0 | 20.0 | | ug/Kg | | 100 | 45 - 150 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *72 - 138* |
| *4-Bromofluorobenzene* | *101* | | *63 - 139* |
| *Dibromofluoromethane (Surr)* | *102* | | *54 - 150* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* |

**Lab Sample ID: LCSD 460-949836/32**
**Matrix: Solid**
**Analysis Batch: 949836**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.5 | | ug/Kg | | 98 | 72 - 140 | 2 | 30 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 21.2 | | ug/Kg | | 106 | 66 - 133 | 6 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 23.8 | | ug/Kg | | 119 | 71 - 141 | 4 | 30 |
| 1,1,2-Trichloroethane | 20.0 | 19.7 | | ug/Kg | | 99 | 80 - 120 | 11 | 30 |
| 1,1-Dichloroethane | 20.0 | 22.6 | | ug/Kg | | 113 | 77 - 129 | 2 | 30 |
| 1,1-Dichloroethene | 20.0 | 24.7 | | ug/Kg | | 123 | 70 - 132 | 6 | 30 |
| 1,2,3-Trichlorobenzene | 20.0 | 17.4 | | ug/Kg | | 87 | 68 - 124 | 12 | 30 |
| 1,2,4-Trichlorobenzene | 20.0 | 17.2 | | ug/Kg | | 86 | 68 - 124 | 10 | 30 |
| 1,2-Dichloropropane | 20.0 | 22.4 | | ug/Kg | | 112 | 73 - 124 | 3 | 30 |
| 1,3-Dichlorobenzene | 20.0 | 20.4 | | ug/Kg | | 102 | 80 - 120 | 3 | 30 |
| 1,4-Dichlorobenzene | 20.0 | 21.3 | | ug/Kg | | 107 | 80 - 120 | 0 | 30 |
| 1,4-Dioxane | 400 | 429 | | ug/Kg | | 107 | 63 - 145 | 1 | 30 |

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

**Lab Sample ID: LCSD 460-949836/32**
**Matrix: Solid**
**Analysis Batch: 949836**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | | | 100 | 84.5 | | ug/Kg | | 84 | 64 - 128 | 7 | 30 |
| 2-Hexanone | | | 100 | 70.7 | | ug/Kg | | 71 | 61 - 128 | 28 | 30 |
| 4-Methyl-2-pentanone (MIBK) | | | 100 | 77.0 | | ug/Kg | | 77 | 72 - 122 | 9 | 30 |
| Acetone | | | 100 | 101 | | ug/Kg | | 101 | 63 - 131 | 2 | 30 |
| Benzene | | | 20.0 | 20.3 | | ug/Kg | | 101 | 75 - 130 | 5 | 30 |
| Bromoform | | | 20.0 | 17.6 | | ug/Kg | | 88 | 18 - 150 | 7 | 30 |
| Bromomethane | | | 20.0 | 23.8 | | ug/Kg | | 119 | 40 - 150 | 30 | 30 |
| Carbon disulfide | | | 20.0 | 26.2 | | ug/Kg | | 131 | 69 - 141 | 16 | 30 |
| Carbon tetrachloride | | | 20.0 | 19.4 | | ug/Kg | | 97 | 54 - 150 | 2 | 30 |
| Chlorobenzene | | | 20.0 | 20.3 | | ug/Kg | | 102 | 80 - 120 | 0 | 30 |
| Chlorobromomethane | | | 20.0 | 21.1 | | ug/Kg | | 106 | 76 - 127 | 9 | 30 |
| Chlorodibromomethane | | | 20.0 | 17.0 | | ug/Kg | | 85 | 42 - 150 | 15 | 30 |
| Chloroethane | | | 20.0 | 25.6 | | ug/Kg | | 128 | 60 - 141 | 24 | 30 |
| Chloroform | | | 20.0 | 22.5 | | ug/Kg | | 113 | 79 - 126 | 4 | 30 |
| Chloromethane | | | 20.0 | 26.6 | | ug/Kg | | 133 | 55 - 139 | 29 | 30 |
| cis-1,2-Dichloroethene | | | 20.0 | 21.6 | | ug/Kg | | 108 | 80 - 123 | 0 | 30 |
| cis-1,3-Dichloropropene | | | 20.0 | 16.6 | | ug/Kg | | 83 | 70 - 127 | 1 | 30 |
| Cyclohexane | | | 20.0 | 21.3 | | ug/Kg | | 107 | 74 - 132 | 1 | 30 |
| Dichlorobromomethane | | | 20.0 | 21.1 | | ug/Kg | | 105 | 67 - 124 | 2 | 30 |
| Dichlorodifluoromethane | | | 20.0 | 22.3 | | ug/Kg | | 111 | 51 - 138 | 26 | 30 |
| Ethylbenzene | | | 20.0 | 18.8 | | ug/Kg | | 94 | 80 - 120 | 1 | 30 |
| Ethylene Dibromide | | | 20.0 | 16.0 | | ug/Kg | | 80 | 79 - 120 | 21 | 30 |
| Isopropylbenzene | | | 20.0 | 18.4 | | ug/Kg | | 92 | 80 - 120 | 4 | 30 |
| Methyl acetate | | | 40.0 | 46.3 | | ug/Kg | | 116 | 52 - 143 | 8 | 30 |
| Methyl tert-butyl ether | | | 20.0 | 19.1 | | ug/Kg | | 96 | 74 - 125 | 4 | 30 |
| Methylcyclohexane | | | 20.0 | 19.9 | | ug/Kg | | 100 | 70 - 133 | 3 | 30 |
| Methylene Chloride | | | 20.0 | 22.3 | | ug/Kg | | 111 | 70 - 130 | 0 | 30 |
| m-Xylene & p-Xylene | | | 20.0 | 17.9 | | ug/Kg | | 89 | 80 - 120 | 5 | 30 |
| o-Xylene | | | 20.0 | 16.8 | | ug/Kg | | 84 | 80 - 120 | 6 | 30 |
| Styrene | | | 20.0 | 16.4 | | ug/Kg | | 82 | 73 - 120 | 5 | 30 |
| Tetrachloroethene | | | 20.0 | 19.5 | | ug/Kg | | 98 | 66 - 133 | 2 | 30 |
| Toluene | | | 20.0 | 18.5 | | ug/Kg | | 93 | 80 - 120 | 9 | 30 |
| trans-1,2-Dichloroethene | | | 20.0 | 23.0 | | ug/Kg | | 115 | 78 - 128 | 4 | 30 |
| trans-1,3-Dichloropropene | | | 20.0 | 15.4 | | ug/Kg | | 77 | 69 - 120 | 16 | 30 |
| Trichloroethene | | | 20.0 | 20.5 | | ug/Kg | | 102 | 75 - 120 | 1 | 30 |
| Trichlorofluoromethane | | | 20.0 | 19.4 | | ug/Kg | | 97 | 55 - 142 | 25 | 30 |
| Vinyl chloride | | | 20.0 | 24.5 | | ug/Kg | | 123 | 58 - 147 | 27 | 30 |
| 1,2-Dichloroethane | | | 20.0 | 21.2 | | ug/Kg | | 106 | 70 - 123 | 1 | 30 |
| 1,2-Dichlorobenzene | | | 20.0 | 20.8 | | ug/Kg | | 104 | 80 - 120 | 2 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 20.0 | 16.4 | | ug/Kg | | 82 | 64 - 124 | 9 | 30 |
| Isopropyl acetate | | | 20.0 | 17.7 | | ug/Kg | | 89 | 65 - 129 | 13 | 30 |
| n-Butyl acetate | | | 20.0 | 15.1 | | ug/Kg | | 75 | 45 - 150 | 28 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *72 - 138* |
| *4-Bromofluorobenzene* | *97* | | *63 - 139* |
| *Dibromofluoromethane (Surr)* | *102* | | *54 - 150* |
| *Toluene-d8 (Surr)* | *91* | | *71 - 126* |

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| *3 | ISTD response or retention time outside acceptable 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. |
|---|---|
| ¤ | 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 |

## GC/MS VOA

### Prep Batch: 949575

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-294432-1 | SB-1 (7-8) | Total/NA | Solid | 5035 | |
| 460-294432-2 | SB-2 (9-10) | Total/NA | Solid | 5035 | |
| 460-294432-3 | SB-1 (12-13) | Total/NA | Solid | 5035 | |
| 460-294432-4 | SB-2 (12-13) | Total/NA | Solid | 5035 | |
| 460-294432-5 | SB-3 (11-12) | Total/NA | Solid | 5035 | |
| 460-294432-6 | SB-3 (7-8) | Total/NA | Solid | 5035 | |
| 460-294432-9 | SB-4 (7-8) | Total/NA | Solid | 5035 | |
| 460-294432-10 | SB-4 (10-11) | Total/NA | Solid | 5035 | |
| 460-294432-11 | SB-BD-1 | Total/NA | Solid | 5035 | |
| LB3 460-949575/1-A | Method Blank | Total/NA | Solid | 5035 | |
| 460-294432-5 MS | SB-3 (11-12) | Total/NA | Solid | 5035 | |
| 460-294432-5 MSD | SB-3 (11-12) | Total/NA | Solid | 5035 | |

### Analysis Batch: 949644

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-294432-1 | SB-1 (7-8) | Total/NA | Solid | 8260D | 949575 |
| 460-294432-2 | SB-2 (9-10) | Total/NA | Solid | 8260D | 949575 |
| 460-294432-4 | SB-2 (12-13) | Total/NA | Solid | 8260D | 949575 |
| 460-294432-5 | SB-3 (11-12) | Total/NA | Solid | 8260D | 949575 |
| 460-294432-6 | SB-3 (7-8) | Total/NA | Solid | 8260D | 949575 |
| 460-294432-9 | SB-4 (7-8) | Total/NA | Solid | 8260D | 949575 |
| 460-294432-11 | SB-BD-1 | Total/NA | Solid | 8260D | 949575 |
| LB3 460-949575/1-A | Method Blank | Total/NA | Solid | 8260D | 949575 |
| MB 460-949644/7 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 460-949644/3 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 460-949644/4 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |
| 460-294432-5 MS | SB-3 (11-12) | Total/NA | Solid | 8260D | 949575 |
| 460-294432-5 MSD | SB-3 (11-12) | Total/NA | Solid | 8260D | 949575 |

### Analysis Batch: 949677

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-294432-7 | Eqt. Blank-1 | Total/NA | Water | 8260D | |
| 460-294432-8 | Trip Blank-1 | Total/NA | Water | 8260D | |
| MB 460-949677/8 | Method Blank | Total/NA | Water | 8260D | |
| LCS 460-949677/3 | Lab Control Sample | Total/NA | Water | 8260D | |
| LCSD 460-949677/4 | Lab Control Sample Dup | Total/NA | Water | 8260D | |

### Analysis Batch: 949836

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-294432-3 | SB-1 (12-13) | Total/NA | Solid | 8260D | 949575 |
| 460-294432-10 | SB-4 (10-11) | Total/NA | Solid | 8260D | 949575 |
| MB 460-949836/7 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 460-949836/4 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 460-949836/32 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

## General Chemistry

### Analysis Batch: 949756

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-294432-1 | SB-1 (7-8) | Total/NA | Solid | Moisture | |
| 460-294432-2 | SB-2 (9-10) | Total/NA | Solid | Moisture | |

## General Chemistry (Continued)

### Analysis Batch: 949756 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-294432-3 | SB-1 (12-13) | Total/NA | Solid | Moisture | |
| 460-294432-4 | SB-2 (12-13) | Total/NA | Solid | Moisture | |
| 460-294432-5 | SB-3 (11-12) | Total/NA | Solid | Moisture | |
| 460-294432-6 | SB-3 (7-8) | Total/NA | Solid | Moisture | |
| 460-294432-9 | SB-4 (7-8) | Total/NA | Solid | Moisture | |
| 460-294432-10 | SB-4 (10-11) | Total/NA | Solid | Moisture | |
| 460-294432-11 | SB-BD-1 | Total/NA | Solid | Moisture | |
| 460-294432-5 MS | SB-3 (11-12) | Total/NA | Solid | Moisture | |
| 460-294432-5 MSD | SB-3 (11-12) | Total/NA | Solid | Moisture | |
| 460-293740-A-2 DU | Duplicate | Total/NA | Solid | Moisture | |
| 460-294300-A-1 DU | Duplicate | Total/NA | Solid | Moisture | |

## Client Sample ID: SB-1 (7-8)
**Lab Sample ID: 460-294432-1**
**Date Collected: 12/12/23 09:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:34 |

## Client Sample ID: SB-1 (7-8)
**Lab Sample ID: 460-294432-1**
**Date Collected: 12/12/23 09:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 96.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:32 |
| Total/NA | Analysis | 8260D | | 1 | 949644 | EMM | EET EDI | 12/13/23 13:59 |

## Client Sample ID: SB-2 (9-10)
**Lab Sample ID: 460-294432-2**
**Date Collected: 12/12/23 10:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:34 |

## Client Sample ID: SB-2 (9-10)
**Lab Sample ID: 460-294432-2**
**Date Collected: 12/12/23 10:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:33 |
| Total/NA | Analysis | 8260D | | 1 | 949644 | EMM | EET EDI | 12/13/23 14:22 |

## Client Sample ID: SB-1 (12-13)
**Lab Sample ID: 460-294432-3**
**Date Collected: 12/12/23 09:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:34 |

## Client Sample ID: SB-1 (12-13)
**Lab Sample ID: 460-294432-3**
**Date Collected: 12/12/23 09:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:35 |
| Total/NA | Analysis | 8260D | | 1 | 949836 | AAT | EET EDI | 12/14/23 12:13 |

## Client Sample ID: SB-2 (12-13)
**Lab Sample ID: 460-294432-4**
**Date Collected: 12/12/23 10:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:34 |

## Client Sample ID: SB-2 (12-13)
**Lab Sample ID: 460-294432-4**
**Date Collected: 12/12/23 10:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:35 |
| Total/NA | Analysis | 8260D | | 1 | 949644 | EMM | EET EDI | 12/13/23 15:08 |

## Client Sample ID: SB-3 (11-12)
**Lab Sample ID: 460-294432-5**
**Date Collected: 12/12/23 11:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:36 |

## Client Sample ID: SB-3 (11-12)
**Lab Sample ID: 460-294432-5**
**Date Collected: 12/12/23 11:20**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:36 |
| Total/NA | Analysis | 8260D | | 1 | 949644 | EMM | EET EDI | 12/13/23 15:31 |

## Client Sample ID: SB-3 (7-8)
**Lab Sample ID: 460-294432-6**
**Date Collected: 12/12/23 11:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:34 |

## Client Sample ID: SB-3 (7-8)
**Lab Sample ID: 460-294432-6**
**Date Collected: 12/12/23 11:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 97.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:40 |
| Total/NA | Analysis | 8260D | | 1 | 949644 | EMM | EET EDI | 12/13/23 17:26 |

## Client Sample ID: Eqt. Blank-1
**Lab Sample ID: 460-294432-7**
**Date Collected: 12/12/23 12:00**
**Matrix: Water**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 949677 | KLB | EET EDI | 12/13/23 16:10 |

## Client Sample ID: Trip Blank-1
**Lab Sample ID: 460-294432-8**
**Date Collected: 12/12/23 13:00**
**Matrix: Water**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 949677 | KLB | EET EDI | 12/13/23 16:35 |

# Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Job ID: 460-294432-1
Project/Site: HW UST Closure 16 White Street, Buchanan

## Client Sample ID: SB-4 (7-8)
**Lab Sample ID: 460-294432-9**
**Date Collected: 12/12/23 12:15**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:34 |

## Client Sample ID: SB-4 (7-8)
**Lab Sample ID: 460-294432-9**
**Date Collected: 12/12/23 12:15**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 98.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:41 |
| Total/NA | Analysis | 8260D | | 1 | 949644 | EMM | EET EDI | 12/13/23 17:49 |

## Client Sample ID: SB-4 (10-11)
**Lab Sample ID: 460-294432-10**
**Date Collected: 12/12/23 12:30**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:34 |

## Client Sample ID: SB-4 (10-11)
**Lab Sample ID: 460-294432-10**
**Date Collected: 12/12/23 12:30**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 97.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:43 |
| Total/NA | Analysis | 8260D | | 1 | 949836 | AAT | EET EDI | 12/14/23 12:38 |

## Client Sample ID: SB-BD-1
**Lab Sample ID: 460-294432-11**
**Date Collected: 12/12/23 00:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 949756 | CJC | EET EDI | 12/13/23 17:34 |

## Client Sample ID: SB-BD-1
**Lab Sample ID: 460-294432-11**
**Date Collected: 12/12/23 00:00**
**Matrix: Solid**
**Date Received: 12/12/23 15:45**
**Percent Solids: 94.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 949575 | MXW | EET EDI | 12/12/23 23:43 |
| Total/NA | Analysis | 8260D | | 1 | 949644 | EMM | EET EDI | 12/13/23 18:35 |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 460-294432-1
Project/Site: HW UST Closure 16 White Street, Buchanan

## Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| New Jersey | NELAP | 12028 | 06-30-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 8260D | | Water | n-Butyl acetate |
| 8260D | 5035 | Solid | n-Butyl acetate |
| Moisture | | Solid | Percent Moisture |
| Moisture | | Solid | Percent Solids |

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| New York | NELAP | 11452 | 04-01-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 8260D | | Water | Isopropyl acetate |
| 8260D | | Water | n-Butyl acetate |
| 8260D | 5035 | Solid | Isopropyl acetate |
| 8260D | 5035 | Solid | n-Butyl acetate |
| Moisture | | Solid | Percent Moisture |
| Moisture | | Solid | Percent Solids |

# 8260D

## Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

| Client Sample ID | Lab Sample ID | DBFM # | DCA # | TOL # | BFB # |
|---|---|---|---|---|---|
| SB-1 (7-8) | 460-294432-1 | 103 | 95 | 99 | 105 |
| SB-2 (9-10) | 460-294432-2 | 107 | 98 | 104 | 110 |
| SB-1 (12-13) | 460-294432-3 | 120 | 129 | 102 | 101 |
| SB-2 (12-13) | 460-294432-4 | 107 | 99 | 101 | 105 |
| SB-3 (11-12) | 460-294432-5 | 108 | 101 | 101 | 107 |
| SB-3 (7-8) | 460-294432-6 | 107 | 100 | 103 | 110 |
| SB-4 (7-8) | 460-294432-9 | 110 | 104 | 106 | 112 |
| SB-4 (10-11) | 460-294432-10 | 106 | 116 | 77 | 113 |
| SB-BD-1 | 460-294432-11 | 109 | 103 | 106 | 113 |
| | MB 460-949644/7 | 106 | 100 | 100 | 104 |
| | MB 460-949836/7 | 104 | 112 | 97 | 91 |
| | LB3 460-949575/1-A | 107 | 99 | 104 | 108 |
| | LCS 460-949644/3 | 102 | 98 | 103 | 107 |
| | LCS 460-949836/4 | 102 | 115 | 100 | 101 |
| | LCSD 460-949644/4 | 98 | 93 | 101 | 104 |
| | LCSD 460-949836/32 | 102 | 111 | 91 | 97 |
| SB-3 (11-12) MS | 460-294432-5 MS | 105 | 95 | 107 | 109 |
| SB-3 (11-12) MSD | 460-294432-5 MSD | 105 | 96 | 107 | 110 |

| | QC LIMITS |
|---|---|
| DBFM = Dibromofluoromethane (Surr) | 54-150 |
| DCA = 1,2-Dichloroethane-d4 (Surr) | 72-138 |
| TOL = Toluene-d8 (Surr) | 71-126 |
| BFB = 4-Bromofluorobenzene | 63-139 |

# Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

| Client Sample ID | Lab Sample ID | DBFM # | DCA # | TOL # | BFB # |
|---|---|---|---|---|---|
| Eqt. Blank-1 | 460-294432-7 | 111 | 95 | 102 | 115 |
| Trip Blank-1 | 460-294432-8 | 109 | 97 | 101 | 117 |
| | MB 460-949677/8 | 109 | 96 | 101 | 115 |
| | LCS 460-949677/3 | 105 | 91 | 101 | 117 |
| | LCSD 460-949677/4 | 104 | 90 | 100 | 116 |

| | QC LIMITS |
|---|---|
| DBFM = Dibromofluoromethane (Surr) | 77-132 |
| DCA = 1,2-Dichloroethane-d4 (Surr) | 70-128 |
| TOL = Toluene-d8 (Surr) | 80-120 |
| BFB = 4-Bromofluorobenzene | 76-120 |

# Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10430.D

Lab ID: LCS 460-949644/3 Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 20.1 | 100 | 72-140 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 21.7 | 109 | 66-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 19.6 | 98 | 71-141 | |
| 1,1,2-Trichloroethane | 20.0 | 21.4 | 107 | 80-120 | |
| 1,1-Dichloroethane | 20.0 | 21.5 | 108 | 77-129 | |
| 1,1-Dichloroethene | 20.0 | 19.6 | 98 | 70-132 | |
| 1,2,3-Trichlorobenzene | 20.0 | 21.1 | 106 | 68-124 | |
| 1,2,4-Trichlorobenzene | 20.0 | 21.2 | 106 | 68-124 | |
| 1,2-Dichloropropane | 20.0 | 21.2 | 106 | 73-124 | |
| 1,3-Dichlorobenzene | 20.0 | 21.2 | 106 | 80-120 | |
| 1,4-Dichlorobenzene | 20.0 | 21.6 | 108 | 80-120 | |
| 1,4-Dioxane | 400 | 408 | 102 | 63-145 | |
| 2-Butanone (MEK) | 100 | 88.9 | 89 | 64-128 | |
| 2-Hexanone | 100 | 102 | 102 | 61-128 | |
| 4-Methyl-2-pentanone (MIBK) | 100 | 104 | 104 | 72-122 | |
| Acetone | 100 | 86.9 | 87 | 63-131 | |
| Benzene | 20.0 | 20.5 | 103 | 75-130 | |
| Bromoform | 20.0 | 19.5 | 98 | 18-150 | |
| Bromomethane | 20.0 | 21.0 | 105 | 40-150 | |
| Carbon disulfide | 20.0 | 18.8 | 94 | 69-141 | |
| Carbon tetrachloride | 20.0 | 20.2 | 101 | 54-150 | |
| Chlorobenzene | 20.0 | 20.5 | 103 | 80-120 | |
| Chlorobromomethane | 20.0 | 21.8 | 109 | 76-127 | |
| Chlorodibromomethane | 20.0 | 20.7 | 103 | 42-150 | |
| Chloroethane | 20.0 | 22.3 | 112 | 60-141 | |
| Chloroform | 20.0 | 20.9 | 104 | 79-126 | |
| Chloromethane | 20.0 | 20.3 | 101 | 55-139 | |
| cis-1,2-Dichloroethene | 20.0 | 20.9 | 105 | 80-123 | |
| cis-1,3-Dichloropropene | 20.0 | 21.7 | 108 | 70-127 | |
| Cyclohexane | 20.0 | 19.0 | 95 | 74-132 | |
| Dichlorobromomethane | 20.0 | 21.1 | 106 | 67-124 | |
| Dichlorodifluoromethane | 20.0 | 18.4 | 92 | 51-138 | |
| Ethylbenzene | 20.0 | 20.3 | 102 | 80-120 | |
| Ethylene Dibromide | 20.0 | 21.0 | 105 | 79-120 | |
| Isopropylbenzene | 20.0 | 20.3 | 102 | 80-120 | |
| Methyl acetate | 40.0 | 38.1 | 95 | 52-143 | |
| Methyl tert-butyl ether | 20.0 | 21.8 | 109 | 74-125 | |
| Methylcyclohexane | 20.0 | 18.9 | 94 | 70-133 | |
| Methylene Chloride | 20.0 | 20.5 | 102 | 70-130 | |
| m-Xylene & p-Xylene | 20.0 | 20.5 | 102 | 80-120 | |
| o-Xylene | 20.0 | 20.9 | 105 | 80-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10430.D

Lab ID: LCS 460-949644/3 Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Styrene | 20.0 | 20.9 | 104 | 73-120 | |
| Tetrachloroethene | 20.0 | 19.3 | 96 | 66-133 | |
| Toluene | 20.0 | 20.3 | 101 | 80-120 | |
| trans-1,2-Dichloroethene | 20.0 | 20.0 | 100 | 78-128 | |
| trans-1,3-Dichloropropene | 20.0 | 21.6 | 108 | 69-120 | |
| Trichloroethene | 20.0 | 20.0 | 100 | 75-120 | |
| Trichlorofluoromethane | 20.0 | 20.9 | 104 | 55-142 | |
| Vinyl chloride | 20.0 | 21.7 | 108 | 58-147 | |
| 1,2-Dichloroethane | 20.0 | 21.2 | 106 | 70-123 | |
| 1,2-Dichlorobenzene | 20.0 | 20.9 | 105 | 80-120 | |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 20.4 | 102 | 64-124 | |
| Isopropyl acetate | 20.0 | 20.8 | 104 | 65-129 | |
| n-Butyl acetate | 20.0 | 21.4 | 107 | 45-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O12100.d

Lab ID: LCS 460-949677/3 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 20.1 | 100 | 72-128 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 17.4 | 87 | 63-139 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 21.8 | 109 | 51-142 | |
| 1,1,2-Trichloroethane | 20.0 | 17.5 | 88 | 74-125 | |
| 1,1-Dichloroethane | 20.0 | 18.6 | 93 | 73-130 | |
| 1,1-Dichloroethene | 20.0 | 19.1 | 95 | 68-133 | |
| 1,2,3-Trichlorobenzene | 20.0 | 22.3 | 112 | 52-120 | |
| 1,2,4-Trichlorobenzene | 20.0 | 23.8 | 119 | 67-132 | |
| 1,2-Dichloropropane | 20.0 | 19.9 | 100 | 68-128 | |
| 1,3-Dichlorobenzene | 20.0 | 20.0 | 100 | 80-120 | |
| 1,4-Dichlorobenzene | 20.0 | 20.2 | 101 | 80-120 | |
| 1,4-Dioxane | 400 | 408 | 102 | 10-120 | |
| 2-Butanone (MEK) | 100 | 102 | 102 | 61-142 | |
| 2-Hexanone | 100 | 103 | 103 | 61-134 | |
| 4-Methyl-2-pentanone (MIBK) | 100 | 103 | 103 | 69-139 | |
| Acetone | 100 | 96.2 | 96 | 49-149 | |
| Benzene | 20.0 | 19.2 | 96 | 71-126 | |
| Bromoform | 20.0 | 19.6 | 98 | 58-136 | |
| Bromomethane | 20.0 | 12.1 | 61 | 10-120 | |
| Carbon disulfide | 20.0 | 22.2 | 111 | 68-138 | |
| Carbon tetrachloride | 20.0 | 21.1 | 105 | 65-142 | |
| Chlorobenzene | 20.0 | 19.7 | 98 | 80-120 | |
| Chlorobromomethane | 20.0 | 19.9 | 100 | 76-134 | |
| Chlorodibromomethane | 20.0 | 20.3 | 101 | 69-130 | |
| Chloroethane | 20.0 | 18.4 | 92 | 48-150 | |
| Chloroform | 20.0 | 18.7 | 94 | 78-125 | |
| Chloromethane | 20.0 | 17.6 | 88 | 43-140 | |
| cis-1,2-Dichloroethene | 20.0 | 18.9 | 95 | 78-121 | |
| cis-1,3-Dichloropropene | 20.0 | 18.8 | 94 | 74-125 | |
| Cyclohexane | 20.0 | 22.6 | 113 | 60-142 | |
| Dichlorobromomethane | 20.0 | 19.4 | 97 | 76-121 | |
| Dichlorodifluoromethane | 20.0 | 15.5 | 78 | 27-120 | |
| Ethylbenzene | 20.0 | 19.2 | 96 | 78-120 | |
| Ethylene Dibromide | 20.0 | 19.5 | 98 | 79-126 | |
| Isopropylbenzene | 20.0 | 19.8 | 99 | 79-125 | |
| Methyl acetate | 40.0 | 32.8 | 82 | 43-120 | |
| Methyl tert-butyl ether | 20.0 | 18.7 | 93 | 72-131 | |
| Methylcyclohexane | 20.0 | 21.5 | 107 | 49-149 | |
| Methylene Chloride | 20.0 | 19.5 | 97 | 74-127 | |
| m-Xylene & p-Xylene | 20.0 | 19.8 | 99 | 78-120 | |
| o-Xylene | 20.0 | 19.4 | 97 | 78-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O12100.d

Lab ID: LCS 460-949677/3 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Styrene | 20.0 | 18.5 | 93 | 82-127 | |
| Tetrachloroethene | 20.0 | 22.3 | 111 | 70-127 | |
| Toluene | 20.0 | 18.3 | 91 | 78-120 | |
| trans-1,2-Dichloroethene | 20.0 | 19.2 | 96 | 74-126 | |
| trans-1,3-Dichloropropene | 20.0 | 17.0 | 85 | 66-127 | |
| Trichloroethene | 20.0 | 19.4 | 97 | 51-121 | |
| Trichlorofluoromethane | 20.0 | 18.8 | 94 | 50-120 | |
| Vinyl chloride | 20.0 | 19.0 | 95 | 55-144 | |
| 1,2-Dichloroethane | 20.0 | 17.8 | 89 | 66-129 | |
| 1,2-Dichlorobenzene | 20.0 | 20.2 | 101 | 80-120 | |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 19.7 | 98 | 58-132 | |
| Isopropyl acetate | 20.0 | 18.1 | 91 | 29-120 | |
| n-Butyl acetate | 20.0 | 17.6 | 88 | 31-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B11188.D

Lab ID: LCS 460-949836/4 Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.2 | 96 | 72-140 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 22.4 | 112 | 66-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 22.7 | 114 | 71-141 | |
| 1,1,2-Trichloroethane | 20.0 | 22.0 | 110 | 80-120 | |
| 1,1-Dichloroethane | 20.0 | 22.0 | 110 | 77-129 | |
| 1,1-Dichloroethene | 20.0 | 23.2 | 116 | 70-132 | |
| 1,2,3-Trichlorobenzene | 20.0 | 19.5 | 97 | 68-124 | |
| 1,2,4-Trichlorobenzene | 20.0 | 18.9 | 95 | 68-124 | |
| 1,2-Dichloropropane | 20.0 | 21.8 | 109 | 73-124 | |
| 1,3-Dichlorobenzene | 20.0 | 21.0 | 105 | 80-120 | |
| 1,4-Dichlorobenzene | 20.0 | 21.2 | 106 | 80-120 | |
| 1,4-Dioxane | 400 | 432 | 108 | 63-145 | |
| 2-Butanone (MEK) | 100 | 90.7 | 91 | 64-128 | |
| 2-Hexanone | 100 | 93.8 | 94 | 61-128 | |
| 4-Methyl-2-pentanone (MIBK) | 100 | 84.2 | 84 | 72-122 | |
| Acetone | 100 | 98.7 | 99 | 63-131 | |
| Benzene | 20.0 | 19.2 | 96 | 75-130 | |
| Bromoform | 20.0 | 18.8 | 94 | 18-150 | |
| Bromomethane | 20.0 | 17.6 | 88 | 40-150 | |
| Carbon disulfide | 20.0 | 22.4 | 112 | 69-141 | |
| Carbon tetrachloride | 20.0 | 19.1 | 95 | 54-150 | |
| Chlorobenzene | 20.0 | 20.3 | 102 | 80-120 | |
| Chlorobromomethane | 20.0 | 19.3 | 96 | 76-127 | |
| Chlorodibromomethane | 20.0 | 19.7 | 99 | 42-150 | |
| Chloroethane | 20.0 | 20.1 | 100 | 60-141 | |
| Chloroform | 20.0 | 21.6 | 108 | 79-126 | |
| Chloromethane | 20.0 | 19.9 | 100 | 55-139 | |
| cis-1,2-Dichloroethene | 20.0 | 21.6 | 108 | 80-123 | |
| cis-1,3-Dichloropropene | 20.0 | 16.7 | 84 | 70-127 | |
| Cyclohexane | 20.0 | 21.0 | 105 | 74-132 | |
| Dichlorobromomethane | 20.0 | 20.7 | 104 | 67-124 | |
| Dichlorodifluoromethane | 20.0 | 17.2 | 86 | 51-138 | |
| Ethylbenzene | 20.0 | 18.7 | 94 | 80-120 | |
| Ethylene Dibromide | 20.0 | 19.7 | 99 | 79-120 | |
| Isopropylbenzene | 20.0 | 19.2 | 96 | 80-120 | |
| Methyl acetate | 40.0 | 50.2 | 125 | 52-143 | |
| Methyl tert-butyl ether | 20.0 | 19.9 | 100 | 74-125 | |
| Methylcyclohexane | 20.0 | 20.4 | 102 | 70-133 | |
| Methylene Chloride | 20.0 | 22.3 | 111 | 70-130 | |
| m-Xylene & p-Xylene | 20.0 | 18.8 | 94 | 80-120 | |
| o-Xylene | 20.0 | 17.8 | 89 | 80-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B11188.D

Lab ID: LCS 460-949836/4 Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Styrene | 20.0 | 17.2 | 86 | 73-120 | |
| Tetrachloroethene | 20.0 | 19.9 | 99 | 66-133 | |
| Toluene | 20.0 | 20.2 | 101 | 80-120 | |
| trans-1,2-Dichloroethene | 20.0 | 22.1 | 110 | 78-128 | |
| trans-1,3-Dichloropropene | 20.0 | 18.1 | 90 | 69-120 | |
| Trichloroethene | 20.0 | 20.4 | 102 | 75-120 | |
| Trichlorofluoromethane | 20.0 | 15.1 | 76 | 55-142 | |
| Vinyl chloride | 20.0 | 18.7 | 93 | 58-147 | |
| 1,2-Dichloroethane | 20.0 | 21.4 | 107 | 70-123 | |
| 1,2-Dichlorobenzene | 20.0 | 21.2 | 106 | 80-120 | |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 17.8 | 89 | 64-124 | |
| Isopropyl acetate | 20.0 | 20.1 | 101 | 65-129 | |
| n-Butyl acetate | 20.0 | 20.0 | 100 | 45-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10431.D

Lab ID: LCSD 460-949644/4 Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCSD CONCENTRATION (ug/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 20.5 | 103 | 2 | 30 | 72-140 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 20.9 | 104 | 4 | 30 | 66-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 21.1 | 105 | 7 | 30 | 71-141 | |
| 1,1,2-Trichloroethane | 20.0 | 20.8 | 104 | 3 | 30 | 80-120 | |
| 1,1-Dichloroethane | 20.0 | 21.6 | 108 | 0 | 30 | 77-129 | |
| 1,1-Dichloroethene | 20.0 | 20.1 | 101 | 3 | 30 | 70-132 | |
| 1,2,3-Trichlorobenzene | 20.0 | 20.8 | 104 | 1 | 30 | 68-124 | |
| 1,2,4-Trichlorobenzene | 20.0 | 20.9 | 105 | 1 | 30 | 68-124 | |
| 1,2-Dichloropropane | 20.0 | 21.1 | 106 | 0 | 30 | 73-124 | |
| 1,3-Dichlorobenzene | 20.0 | 21.3 | 107 | 0 | 30 | 80-120 | |
| 1,4-Dichlorobenzene | 20.0 | 21.1 | 106 | 2 | 30 | 80-120 | |
| 1,4-Dioxane | 400 | 458 | 115 | 12 | 30 | 63-145 | |
| 2-Butanone (MEK) | 100 | 89.7 | 90 | 1 | 30 | 64-128 | |
| 2-Hexanone | 100 | 97.7 | 98 | 4 | 30 | 61-128 | |
| 4-Methyl-2-pentanone (MIBK) | 100 | 102 | 102 | 1 | 30 | 72-122 | |
| Acetone | 100 | 86.4 | 86 | 0 | 30 | 63-131 | |
| Benzene | 20.0 | 20.8 | 104 | 1 | 30 | 75-130 | |
| Bromoform | 20.0 | 19.4 | 97 | 0 | 30 | 18-150 | |
| Bromomethane | 20.0 | 20.3 | 101 | 3 | 30 | 40-150 | |
| Carbon disulfide | 20.0 | 19.5 | 97 | 3 | 30 | 69-141 | |
| Carbon tetrachloride | 20.0 | 21.2 | 106 | 5 | 30 | 54-150 | |
| Chlorobenzene | 20.0 | 20.5 | 102 | 0 | 30 | 80-120 | |
| Chlorobromomethane | 20.0 | 21.5 | 107 | 2 | 30 | 76-127 | |
| Chlorodibromomethane | 20.0 | 21.0 | 105 | 2 | 30 | 42-150 | |
| Chloroethane | 20.0 | 22.4 | 112 | 0 | 30 | 60-141 | |
| Chloroform | 20.0 | 20.8 | 104 | 0 | 30 | 79-126 | |
| Chloromethane | 20.0 | 20.0 | 100 | 2 | 30 | 55-139 | |
| cis-1,2-Dichloroethene | 20.0 | 20.8 | 104 | 1 | 30 | 80-123 | |
| cis-1,3-Dichloropropene | 20.0 | 21.6 | 108 | 0 | 30 | 70-127 | |
| Cyclohexane | 20.0 | 20.0 | 100 | 5 | 30 | 74-132 | |
| Dichlorobromomethane | 20.0 | 20.9 | 105 | 1 | 30 | 67-124 | |
| Dichlorodifluoromethane | 20.0 | 19.4 | 97 | 5 | 30 | 51-138 | |
| Ethylbenzene | 20.0 | 20.6 | 103 | 2 | 30 | 80-120 | |
| Ethylene Dibromide | 20.0 | 20.2 | 101 | 4 | 30 | 79-120 | |
| Isopropylbenzene | 20.0 | 20.9 | 105 | 3 | 30 | 80-120 | |
| Methyl acetate | 40.0 | 38.2 | 96 | 0 | 30 | 52-143 | |
| Methyl tert-butyl ether | 20.0 | 21.4 | 107 | 2 | 30 | 74-125 | |
| Methylcyclohexane | 20.0 | 20.3 | 102 | 7 | 30 | 70-133 | |
| Methylene Chloride | 20.0 | 20.0 | 100 | 3 | 30 | 70-130 | |
| m-Xylene & p-Xylene | 20.0 | 20.7 | 104 | 1 | 30 | 80-120 | |
| o-Xylene | 20.0 | 20.7 | 104 | 1 | 30 | 80-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Matrix: Solid  Level: Low  Lab File ID: D10431.D

Lab ID: LCSD 460-949644/4  Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCSD CONCENTRATION (ug/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Styrene | 20.0 | 20.9 | 104 | 0 | 30 | 73-120 | |
| Tetrachloroethene | 20.0 | 20.0 | 100 | 3 | 30 | 66-133 | |
| Toluene | 20.0 | 20.4 | 102 | 1 | 30 | 80-120 | |
| trans-1,2-Dichloroethene | 20.0 | 20.5 | 103 | 3 | 30 | 78-128 | |
| trans-1,3-Dichloropropene | 20.0 | 21.0 | 105 | 3 | 30 | 69-120 | |
| Trichloroethene | 20.0 | 20.4 | 102 | 2 | 30 | 75-120 | |
| Trichlorofluoromethane | 20.0 | 21.6 | 108 | 4 | 30 | 55-142 | |
| Vinyl chloride | 20.0 | 22.0 | 110 | 2 | 30 | 58-147 | |
| 1,2-Dichloroethane | 20.0 | 20.5 | 102 | 3 | 30 | 70-123 | |
| 1,2-Dichlorobenzene | 20.0 | 21.0 | 105 | 0 | 30 | 80-120 | |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 19.5 | 97 | 5 | 30 | 64-124 | |
| Isopropyl acetate | 20.0 | 20.0 | 100 | 4 | 30 | 65-129 | |
| n-Butyl acetate | 20.0 | 19.7 | 98 | 8 | 30 | 45-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O12101.d

Lab ID: LCSD 460-949677/4 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.3 | 97 | 4 | 30 | 72-128 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 16.7 | 83 | 5 | 30 | 63-139 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 20.3 | 102 | 7 | 30 | 51-142 | |
| 1,1,2-Trichloroethane | 20.0 | 17.2 | 86 | 2 | 30 | 74-125 | |
| 1,1-Dichloroethane | 20.0 | 17.5 | 88 | 6 | 30 | 73-130 | |
| 1,1-Dichloroethene | 20.0 | 17.8 | 89 | 7 | 30 | 68-133 | |
| 1,2,3-Trichlorobenzene | 20.0 | 22.6 | 113 | 1 | 30 | 52-120 | |
| 1,2,4-Trichlorobenzene | 20.0 | 22.9 | 115 | 4 | 30 | 67-132 | |
| 1,2-Dichloropropane | 20.0 | 18.9 | 94 | 6 | 30 | 68-128 | |
| 1,3-Dichlorobenzene | 20.0 | 19.3 | 96 | 3 | 30 | 80-120 | |
| 1,4-Dichlorobenzene | 20.0 | 19.2 | 96 | 5 | 30 | 80-120 | |
| 1,4-Dioxane | 400 | 397 | 99 | 3 | 30 | 10-120 | |
| 2-Butanone (MEK) | 100 | 98.5 | 98 | 4 | 30 | 61-142 | |
| 2-Hexanone | 100 | 101 | 101 | 2 | 30 | 61-134 | |
| 4-Methyl-2-pentanone (MIBK) | 100 | 101 | 101 | 1 | 30 | 69-139 | |
| Acetone | 100 | 92.5 | 93 | 4 | 30 | 49-149 | |
| Benzene | 20.0 | 18.4 | 92 | 4 | 30 | 71-126 | |
| Bromoform | 20.0 | 18.7 | 93 | 5 | 30 | 58-136 | |
| Bromomethane | 20.0 | 12.1 | 60 | 0 | 30 | 10-120 | |
| Carbon disulfide | 20.0 | 21.2 | 106 | 5 | 30 | 68-138 | |
| Carbon tetrachloride | 20.0 | 20.6 | 103 | 2 | 30 | 65-142 | |
| Chlorobenzene | 20.0 | 18.3 | 92 | 7 | 30 | 80-120 | |
| Chlorobromomethane | 20.0 | 19.2 | 96 | 4 | 30 | 76-134 | |
| Chlorodibromomethane | 20.0 | 19.6 | 98 | 3 | 30 | 69-130 | |
| Chloroethane | 20.0 | 16.7 | 83 | 10 | 30 | 48-150 | |
| Chloroform | 20.0 | 17.9 | 90 | 4 | 30 | 78-125 | |
| Chloromethane | 20.0 | 16.6 | 83 | 6 | 30 | 43-140 | |
| cis-1,2-Dichloroethene | 20.0 | 17.4 | 87 | 8 | 30 | 78-121 | |
| cis-1,3-Dichloropropene | 20.0 | 18.0 | 90 | 4 | 30 | 74-125 | |
| Cyclohexane | 20.0 | 21.4 | 107 | 5 | 30 | 60-142 | |
| Dichlorobromomethane | 20.0 | 18.5 | 93 | 4 | 30 | 76-121 | |
| Dichlorodifluoromethane | 20.0 | 15.7 | 79 | 1 | 30 | 27-120 | |
| Ethylbenzene | 20.0 | 18.2 | 91 | 5 | 30 | 78-120 | |
| Ethylene Dibromide | 20.0 | 19.3 | 96 | 1 | 30 | 79-126 | |
| Isopropylbenzene | 20.0 | 18.5 | 93 | 7 | 30 | 79-125 | |
| Methyl acetate | 40.0 | 33.3 | 83 | 2 | 30 | 43-120 | |
| Methyl tert-butyl ether | 20.0 | 18.0 | 90 | 4 | 30 | 72-131 | |
| Methylcyclohexane | 20.0 | 20.3 | 102 | 6 | 30 | 49-149 | |
| Methylene Chloride | 20.0 | 18.6 | 93 | 4 | 30 | 74-127 | |
| m-Xylene & p-Xylene | 20.0 | 18.9 | 95 | 4 | 30 | 78-120 | |
| o-Xylene | 20.0 | 18.8 | 94 | 3 | 30 | 78-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Matrix: Water  Level: Low  Lab File ID: O12101.d

Lab ID: LCSD 460-949677/4  Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Styrene | 20.0 | 17.4 | 87 | 6 | 30 | 82-127 | |
| Tetrachloroethene | 20.0 | 21.0 | 105 | 6 | 30 | 70-127 | |
| Toluene | 20.0 | 17.2 | 86 | 6 | 30 | 78-120 | |
| trans-1,2-Dichloroethene | 20.0 | 18.1 | 91 | 6 | 30 | 74-126 | |
| trans-1,3-Dichloropropene | 20.0 | 16.3 | 82 | 4 | 30 | 66-127 | |
| Trichloroethene | 20.0 | 18.3 | 91 | 6 | 30 | 51-121 | |
| Trichlorofluoromethane | 20.0 | 17.6 | 88 | 6 | 30 | 50-120 | |
| Vinyl chloride | 20.0 | 18.5 | 93 | 3 | 30 | 55-144 | |
| 1,2-Dichloroethane | 20.0 | 17.7 | 88 | 1 | 30 | 66-129 | |
| 1,2-Dichlorobenzene | 20.0 | 19.4 | 97 | 4 | 30 | 80-120 | |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 18.4 | 92 | 6 | 30 | 58-132 | |
| Isopropyl acetate | 20.0 | 17.6 | 88 | 3 | 30 | 29-120 | |
| n-Butyl acetate | 20.0 | 16.4 | 82 | 7 | 30 | 31-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B11204.D

Lab ID: LCSD 460-949836/32 Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCSD CONCENTRATION (ug/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.5 | 98 | 2 | 30 | 72-140 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 21.2 | 106 | 6 | 30 | 66-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 23.8 | 119 | 4 | 30 | 71-141 | |
| 1,1,2-Trichloroethane | 20.0 | 19.7 | 99 | 11 | 30 | 80-120 | |
| 1,1-Dichloroethane | 20.0 | 22.6 | 113 | 2 | 30 | 77-129 | |
| 1,1-Dichloroethene | 20.0 | 24.7 | 123 | 6 | 30 | 70-132 | |
| 1,2,3-Trichlorobenzene | 20.0 | 17.4 | 87 | 12 | 30 | 68-124 | |
| 1,2,4-Trichlorobenzene | 20.0 | 17.2 | 86 | 10 | 30 | 68-124 | |
| 1,2-Dichloropropane | 20.0 | 22.4 | 112 | 3 | 30 | 73-124 | |
| 1,3-Dichlorobenzene | 20.0 | 20.4 | 102 | 3 | 30 | 80-120 | |
| 1,4-Dichlorobenzene | 20.0 | 21.3 | 107 | 0 | 30 | 80-120 | |
| 1,4-Dioxane | 400 | 429 | 107 | 1 | 30 | 63-145 | |
| 2-Butanone (MEK) | 100 | 84.5 | 84 | 7 | 30 | 64-128 | |
| 2-Hexanone | 100 | 70.7 | 71 | 28 | 30 | 61-128 | |
| 4-Methyl-2-pentanone (MIBK) | 100 | 77.0 | 77 | 9 | 30 | 72-122 | |
| Acetone | 100 | 101 | 101 | 2 | 30 | 63-131 | |
| Benzene | 20.0 | 20.3 | 101 | 5 | 30 | 75-130 | |
| Bromoform | 20.0 | 17.6 | 88 | 7 | 30 | 18-150 | |
| Bromomethane | 20.0 | 23.8 | 119 | 30 | 30 | 40-150 | |
| Carbon disulfide | 20.0 | 26.2 | 131 | 16 | 30 | 69-141 | |
| Carbon tetrachloride | 20.0 | 19.4 | 97 | 2 | 30 | 54-150 | |
| Chlorobenzene | 20.0 | 20.3 | 102 | 0 | 30 | 80-120 | |
| Chlorobromomethane | 20.0 | 21.1 | 106 | 9 | 30 | 76-127 | |
| Chlorodibromomethane | 20.0 | 17.0 | 85 | 15 | 30 | 42-150 | |
| Chloroethane | 20.0 | 25.6 | 128 | 24 | 30 | 60-141 | |
| Chloroform | 20.0 | 22.5 | 113 | 4 | 30 | 79-126 | |
| Chloromethane | 20.0 | 26.6 | 133 | 29 | 30 | 55-139 | |
| cis-1,2-Dichloroethene | 20.0 | 21.6 | 108 | 0 | 30 | 80-123 | |
| cis-1,3-Dichloropropene | 20.0 | 16.6 | 83 | 1 | 30 | 70-127 | |
| Cyclohexane | 20.0 | 21.3 | 107 | 1 | 30 | 74-132 | |
| Dichlorobromomethane | 20.0 | 21.1 | 105 | 2 | 30 | 67-124 | |
| Dichlorodifluoromethane | 20.0 | 22.3 | 111 | 26 | 30 | 51-138 | |
| Ethylbenzene | 20.0 | 18.8 | 94 | 1 | 30 | 80-120 | |
| Ethylene Dibromide | 20.0 | 16.0 | 80 | 21 | 30 | 79-120 | |
| Isopropylbenzene | 20.0 | 18.4 | 92 | 4 | 30 | 80-120 | |
| Methyl acetate | 40.0 | 46.3 | 116 | 8 | 30 | 52-143 | |
| Methyl tert-butyl ether | 20.0 | 19.1 | 96 | 4 | 30 | 74-125 | |
| Methylcyclohexane | 20.0 | 19.9 | 100 | 3 | 30 | 70-133 | |
| Methylene Chloride | 20.0 | 22.3 | 111 | 0 | 30 | 70-130 | |
| m-Xylene & p-Xylene | 20.0 | 17.9 | 89 | 5 | 30 | 80-120 | |
| o-Xylene | 20.0 | 16.8 | 84 | 6 | 30 | 80-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Matrix: Solid  Level: Low  Lab File ID: B11204.D

Lab ID: LCSD 460-949836/32  Client ID:

| COMPOUND | SPIKE ADDED (ug/Kg) | LCSD CONCENTRATION (ug/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Styrene | 20.0 | 16.4 | 82 | 5 | 30 | 73-120 | |
| Tetrachloroethene | 20.0 | 19.5 | 98 | 2 | 30 | 66-133 | |
| Toluene | 20.0 | 18.5 | 93 | 9 | 30 | 80-120 | |
| trans-1,2-Dichloroethene | 20.0 | 23.0 | 115 | 4 | 30 | 78-128 | |
| trans-1,3-Dichloropropene | 20.0 | 15.4 | 77 | 16 | 30 | 69-120 | |
| Trichloroethene | 20.0 | 20.5 | 102 | 1 | 30 | 75-120 | |
| Trichlorofluoromethane | 20.0 | 19.4 | 97 | 25 | 30 | 55-142 | |
| Vinyl chloride | 20.0 | 24.5 | 123 | 27 | 30 | 58-147 | |
| 1,2-Dichloroethane | 20.0 | 21.2 | 106 | 1 | 30 | 70-123 | |
| 1,2-Dichlorobenzene | 20.0 | 20.8 | 104 | 2 | 30 | 80-120 | |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 16.4 | 82 | 9 | 30 | 64-124 | |
| Isopropyl acetate | 20.0 | 17.7 | 89 | 13 | 30 | 65-129 | |
| n-Butyl acetate | 20.0 | 15.1 | 75 | 28 | 30 | 45-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10446.D

Lab ID: 460-294432-5 MS Client ID: SB-3 (11-12) MS

| COMPOUND | SPIKE ADDED (ug/Kg) | SAMPLE CONCENTRATION (ug/Kg) | MS CONCENTRATION (ug/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 18.1 | 0.18 U | 17.4 | 96 | 72-140 | |
| 1,1,2,2-Tetrachloroethane | 18.1 | 0.17 U | 15.9 | 88 | 66-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 18.1 | 0.23 U | 18.1 | 100 | 71-141 | |
| 1,1,2-Trichloroethane | 18.1 | 0.14 U | 16.2 | 89 | 80-120 | |
| 1,1-Dichloroethane | 18.1 | 0.16 U | 18.4 | 101 | 77-129 | |
| 1,1-Dichloroethene | 18.1 | 0.18 U | 17.2 | 95 | 70-132 | |
| 1,2,3-Trichlorobenzene | 18.1 | 0.14 U | 15.4 | 85 | 68-124 | |
| 1,2,4-Trichlorobenzene | 18.1 | 0.28 U | 15.6 | 86 | 68-124 | |
| 1,2-Dichloropropane | 18.1 | 0.33 U | 17.3 | 96 | 73-124 | |
| 1,3-Dichlorobenzene | 18.1 | 0.28 U | 16.9 | 93 | 80-120 | |
| 1,4-Dichlorobenzene | 18.1 | 0.18 U | 16.6 | 92 | 80-120 | |
| 1,4-Dioxane | 362 | 7.1 U | 402 | 111 | 63-145 | |
| 2-Butanone (MEK) | 90.5 | 0.29 U | 77.8 | 86 | 64-128 | |
| 2-Hexanone | 90.5 | 1.3 U | 85.2 | 94 | 61-128 | |
| 4-Methyl-2-pentanone (MIBK) | 90.5 | 1.2 U | 89.0 | 98 | 72-122 | |
| Acetone | 90.5 | 4.4 U | 77.4 | 86 | 63-131 | |
| Benzene | 18.1 | 0.20 U | 17.3 | 96 | 75-130 | |
| Bromoform | 18.1 | 0.33 U | 14.1 | 78 | 18-150 | |
| Bromomethane | 18.1 | 0.78 U | 16.0 | 88 | 40-150 | |
| Carbon disulfide | 18.1 | 0.21 U | 16.1 | 89 | 69-141 | |
| Carbon tetrachloride | 18.1 | 0.30 U | 17.3 | 96 | 54-150 | |
| Chlorobenzene | 18.1 | 0.14 U | 16.6 | 92 | 80-120 | |
| Chlorobromomethane | 18.1 | 0.22 U | 17.9 | 99 | 76-127 | |
| Chlorodibromomethane | 18.1 | 0.15 U | 15.8 | 87 | 42-150 | |
| Chloroethane | 18.1 | 0.41 U | 17.1 | 94 | 60-141 | |
| Chloroform | 18.1 | 0.76 U | 17.5 | 97 | 79-126 | |
| Chloromethane | 18.1 | 0.34 U | 15.3 | 84 | 55-139 | |
| cis-1,2-Dichloroethene | 18.1 | 0.28 U | 17.0 | 94 | 80-123 | |
| cis-1,3-Dichloropropene | 18.1 | 0.21 U | 16.9 | 93 | 70-127 | |
| Cyclohexane | 18.1 | 0.17 U | 16.9 | 93 | 74-132 | |
| Dichlorobromomethane | 18.1 | 0.20 U | 16.9 | 93 | 67-124 | |
| Dichlorodifluoromethane | 18.1 | 0.26 U | 15.2 | 84 | 51-138 | |
| Ethylbenzene | 18.1 | 0.15 U | 16.8 | 93 | 80-120 | |
| Ethylene Dibromide | 18.1 | 0.14 U | 15.3 | 85 | 79-120 | |
| Isopropylbenzene | 18.1 | 0.22 U | 16.9 | 94 | 80-120 | |
| Methyl acetate | 36.2 | 3.3 U | 28.2 | 78 | 52-143 | |
| Methyl tert-butyl ether | 18.1 | 0.40 U | 16.4 | 91 | 74-125 | |
| Methylcyclohexane | 18.1 | 0.39 U | 16.7 | 92 | 70-133 | |
| Methylene Chloride | 18.1 | 0.89 U | 16.5 | 91 | 70-130 | |
| m-Xylene & p-Xylene | 18.1 | 0.14 U | 16.8 | 93 | 80-120 | |
| o-Xylene | 18.1 | 0.15 U | 17.0 | 94 | 80-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10446.D

Lab ID: 460-294432-5 MS Client ID: SB-3 (11-12) MS

| COMPOUND | SPIKE ADDED (ug/Kg) | SAMPLE CONCENTRATION (ug/Kg) | MS CONCENTRATION (ug/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| Styrene | 18.1 | 0.22 U | 16.8 | 93 | 73-120 | |
| Tetrachloroethene | 18.1 | 0.24 U | 16.4 | 91 | 66-133 | |
| Toluene | 18.1 | 0.18 U | 16.9 | 93 | 80-120 | |
| trans-1,2-Dichloroethene | 18.1 | 0.19 U | 17.1 | 94 | 78-128 | |
| trans-1,3-Dichloropropene | 18.1 | 0.21 U | 16.1 | 89 | 69-120 | |
| Trichloroethene | 18.1 | 0.25 U | 16.4 | 90 | 75-120 | |
| Trichlorofluoromethane | 18.1 | 0.32 U | 16.5 | 91 | 55-142 | |
| Vinyl chloride | 18.1 | 0.42 U | 17.1 | 94 | 58-147 | |
| 1,2-Dichloroethane | 18.1 | 0.23 U | 16.3 | 90 | 70-123 | |
| 1,2-Dichlorobenzene | 18.1 | 0.28 U | 16.7 | 92 | 80-120 | |
| 1,2-Dibromo-3-Chloropropane | 18.1 | 0.36 U | 13.5 | 74 | 64-124 | |
| Isopropyl acetate | 18.1 | 0.24 U | 15.1 | 83 | 65-129 | |
| n-Butyl acetate | 18.1 | 0.72 U | 13.4 | 74 | 45-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10447.D

Lab ID: 460-294432-5 MSD Client ID: SB-3 (11-12) MSD

| COMPOUND | SPIKE ADDED (ug/Kg) | MSD CONCENTRATION (ug/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 15.9 | 14.1 | 89 | 21 | 30 | 72-140 | |
| 1,1,2,2-Tetrachloroethane | 15.9 | 13.5 | 85 | 17 | 30 | 66-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 15.9 | 14.4 | 91 | 22 | 30 | 71-141 | |
| 1,1,2-Trichloroethane | 15.9 | 13.4 | 84 | 19 | 30 | 80-120 | |
| 1,1-Dichloroethane | 15.9 | 15.2 | 95 | 19 | 30 | 77-129 | |
| 1,1-Dichloroethene | 15.9 | 13.9 | 88 | 21 | 30 | 70-132 | |
| 1,2,3-Trichlorobenzene | 15.9 | 13.0 | 82 | 17 | 30 | 68-124 | |
| 1,2,4-Trichlorobenzene | 15.9 | 12.9 | 81 | 19 | 30 | 68-124 | |
| 1,2-Dichloropropane | 15.9 | 14.6 | 92 | 17 | 30 | 73-124 | |
| 1,3-Dichlorobenzene | 15.9 | 14.1 | 89 | 18 | 30 | 80-120 | |
| 1,4-Dichlorobenzene | 15.9 | 14.0 | 88 | 17 | 30 | 80-120 | |
| 1,4-Dioxane | 318 | 356 | 112 | 12 | 30 | 63-145 | |
| 2-Butanone (MEK) | 79.5 | 64.0 | 80 | 20 | 30 | 64-128 | |
| 2-Hexanone | 79.5 | 69.8 | 88 | 20 | 30 | 61-128 | |
| 4-Methyl-2-pentanone (MIBK) | 79.5 | 72.6 | 91 | 20 | 30 | 72-122 | |
| Acetone | 79.5 | 63.6 | 80 | 20 | 30 | 63-131 | |
| Benzene | 15.9 | 14.3 | 90 | 19 | 30 | 75-130 | |
| Bromoform | 15.9 | 11.9 | 75 | 17 | 30 | 18-150 | |
| Bromomethane | 15.9 | 14.0 | 88 | 13 | 30 | 40-150 | |
| Carbon disulfide | 15.9 | 13.2 | 83 | 20 | 30 | 69-141 | |
| Carbon tetrachloride | 15.9 | 14.4 | 91 | 18 | 30 | 54-150 | |
| Chlorobenzene | 15.9 | 13.9 | 87 | 18 | 30 | 80-120 | |
| Chlorobromomethane | 15.9 | 15.1 | 95 | 17 | 30 | 76-127 | |
| Chlorodibromomethane | 15.9 | 13.4 | 84 | 17 | 30 | 42-150 | |
| Chloroethane | 15.9 | 15.5 | 97 | 10 | 30 | 60-141 | |
| Chloroform | 15.9 | 14.5 | 91 | 19 | 30 | 79-126 | |
| Chloromethane | 15.9 | 13.8 | 87 | 10 | 30 | 55-139 | |
| cis-1,2-Dichloroethene | 15.9 | 14.3 | 90 | 18 | 30 | 80-123 | |
| cis-1,3-Dichloropropene | 15.9 | 14.2 | 89 | 17 | 30 | 70-127 | |
| Cyclohexane | 15.9 | 13.6 | 85 | 22 | 30 | 74-132 | |
| Dichlorobromomethane | 15.9 | 14.3 | 90 | 17 | 30 | 67-124 | |
| Dichlorodifluoromethane | 15.9 | 13.4 | 84 | 13 | 30 | 51-138 | |
| Ethylbenzene | 15.9 | 13.8 | 87 | 19 | 30 | 80-120 | |
| Ethylene Dibromide | 15.9 | 13.1 | 82 | 16 | 30 | 79-120 | |
| Isopropylbenzene | 15.9 | 14.0 | 88 | 19 | 30 | 80-120 | |
| Methyl acetate | 31.8 | 24.5 | 77 | 14 | 30 | 52-143 | |
| Methyl tert-butyl ether | 15.9 | 13.9 | 87 | 16 | 30 | 74-125 | |
| Methylcyclohexane | 15.9 | 13.5 | 85 | 21 | 30 | 70-133 | |
| Methylene Chloride | 15.9 | 13.8 | 87 | 18 | 30 | 70-130 | |
| m-Xylene & p-Xylene | 15.9 | 13.8 | 87 | 20 | 30 | 80-120 | |
| o-Xylene | 15.9 | 14.1 | 89 | 18 | 30 | 80-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10447.D

Lab ID: 460-294432-5 MSD Client ID: SB-3 (11-12) MSD

| COMPOUND | SPIKE ADDED (ug/Kg) | MSD CONCENTRATION (ug/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Styrene | 15.9 | 14.0 | 88 | 19 | 30 | 73-120 | |
| Tetrachloroethene | 15.9 | 13.3 | 83 | 21 | 30 | 66-133 | |
| Toluene | 15.9 | 13.9 | 87 | 19 | 30 | 80-120 | |
| trans-1,2-Dichloroethene | 15.9 | 13.9 | 87 | 21 | 30 | 78-128 | |
| trans-1,3-Dichloropropene | 15.9 | 13.7 | 86 | 16 | 30 | 69-120 | |
| Trichloroethene | 15.9 | 13.5 | 85 | 19 | 30 | 75-120 | |
| Trichlorofluoromethane | 15.9 | 14.9 | 94 | 11 | 30 | 55-142 | |
| Vinyl chloride | 15.9 | 15.2 | 95 | 12 | 30 | 58-147 | |
| 1,2-Dichloroethane | 15.9 | 13.8 | 87 | 17 | 30 | 70-123 | |
| 1,2-Dichlorobenzene | 15.9 | 14.0 | 88 | 17 | 30 | 80-120 | |
| 1,2-Dibromo-3-Chloropropane | 15.9 | 11.3 | 71 | 18 | 30 | 64-124 | |
| Isopropyl acetate | 15.9 | 12.9 | 81 | 16 | 30 | 65-129 | |
| n-Butyl acetate | 15.9 | 11.0 | 69 | 20 | 30 | 45-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab File ID: B11191.D  Lab Sample ID: MB 460-949836/7

Matrix: Solid  Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2  Date Analyzed: 12/14/2023 08:32

GC Column: DB-624  ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-949836/4 | B11188.D | 12/14/2023 06:59 |
| SB-1 (12-13) | 460-294432-3 | B11200.D | 12/14/2023 12:13 |
| SB-4 (10-11) | 460-294432-10 | B11201.D | 12/14/2023 12:38 |
| | LCSD 460-949836/32 | B11204.D | 12/14/2023 13:52 |

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab File ID: D10434.D  Lab Sample ID: MB 460-949644/7

Matrix: Solid  Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4  Date Analyzed: 12/13/2023 10:11

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-949644/3 | D10430.D | 12/13/2023 08:38 |
| | LCSD 460-949644/4 | D10431.D | 12/13/2023 09:01 |
| | LB3 460-949575/1-A | D10439.D | 12/13/2023 13:13 |
| SB-1 (7-8) | 460-294432-1 | D10441.D | 12/13/2023 13:59 |
| SB-2 (9-10) | 460-294432-2 | D10442.D | 12/13/2023 14:22 |
| SB-2 (12-13) | 460-294432-4 | D10444.D | 12/13/2023 15:08 |
| SB-3 (11-12) | 460-294432-5 | D10445.D | 12/13/2023 15:31 |
| SB-3 (11-12) MS | 460-294432-5 MS | D10446.D | 12/13/2023 15:54 |
| SB-3 (11-12) MSD | 460-294432-5 MSD | D10447.D | 12/13/2023 16:17 |
| SB-3 (7-8) | 460-294432-6 | D10450.D | 12/13/2023 17:26 |
| SB-4 (7-8) | 460-294432-9 | D10451.D | 12/13/2023 17:49 |
| SB-BD-1 | 460-294432-11 | D10453.D | 12/13/2023 18:35 |

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab File ID: O12105.d  Lab Sample ID: MB 460-949677/8

Matrix: Water  Heated Purge:(Y/N) N

Instrument ID: CVOAMS12  Date Analyzed: 12/13/2023 12:50

GC Column: DB-624  ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-949677/3 | O12100.d | 12/13/2023 10:45 |
| | LCSD 460-949677/4 | O12101.d | 12/13/2023 11:10 |
| Eqt. Blank-1 | 460-294432-7 | O12113.d | 12/13/2023 16:10 |
| Trip Blank-1 | 460-294432-8 | O12114.d | 12/13/2023 16:35 |

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

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab File ID: O11256.d  BFB Injection Date: 11/22/2023

Instrument ID: CVOAMS12  BFB Injection Time: 08:50

Analysis Batch No.: 946193

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 144.0 |
| 96 | 5 - 9% of m/z 95 | 7.1 |
| 173 | Less than 2% of m/z 174 | 0.0 |
| 174 | 50 - 200% of m/z 95 | 69.4 |
| 175 | 5 - 9% of m/z 174 | 7.5 |
| 176 | 95 -105% of m/z 174 | 97.8 |
| 177 | 5 - 10% of m/z 176 | 6.6 |

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 |
|---|---|---|---|---|
| | STD8 460-946193/3 | O11258.d | 11/22/2023 | 9:38 |
| | STD05 460-946193/18 | O11259.d | 11/22/2023 | 10:03 |
| | STD1 460-946193/4 | O11260.d | 11/22/2023 | 10:28 |
| | STD5 460-946193/5 | O11261.d | 11/22/2023 | 10:53 |
| | STD20 460-946193/6 | O11262.d | 11/22/2023 | 11:18 |
| | STD50 460-946193/7 | O11263.d | 11/22/2023 | 11:43 |
| | STD200 460-946193/8 | O11264.d | 11/22/2023 | 12:08 |
| | STD500 460-946193/9 | O11265.d | 11/22/2023 | 12:33 |
| | ICV 460-946193/1019 | -O11273-ICV.d | 11/22/2023 | 15:53 |

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

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab File ID: B10141.D  BFB Injection Date: 11/16/2023

Instrument ID: CVOAMS2  BFB Injection Time: 19:48

Analysis Batch No.: 945184

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 139.1 |
| 96 | 5 - 9% of m/z 95 | 6.6 |
| 173 | Less than 2% of m/z 174 | 0.7 |
| 174 | 50 - 200% of m/z 95 | 71.9 |
| 175 | 5 - 9% of m/z 174 | 7.6 |
| 176 | 95 -105% of m/z 174 | 95.3 |
| 177 | 5 - 10% of m/z 176 | 6.8 |

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 |
|---|---|---|---|---|
| | STD1 460-945184/3 | B10143.D | 11/16/2023 | 20:36 |
| | STD5 460-945184/4 | B10144.D | 11/16/2023 | 21:00 |
| | STD20 460-945184/5 | B10145.D | 11/16/2023 | 21:26 |
| | STD50 460-945184/6 | B10146.D | 11/16/2023 | 21:50 |
| | STD200 460-945184/7 | B10147.D | 11/16/2023 | 22:15 |
| | STD500 460-945184/8 | B10148.D | 11/16/2023 | 22:39 |
| | ICV 460-945184/16 | B10156.D | 11/17/2023 | 1:56 |

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

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab File ID: D10351.D  BFB Injection Date: 12/07/2023

Instrument ID: CVOAMS4  BFB Injection Time: 04:32

Analysis Batch No.: 948537

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 145.1 |
| 96 | 5 - 9% of m/z 95 | 6.7 |
| 173 | Less than 2% of m/z 174 | 0.0 |
| 174 | 50 - 200% of m/z 95 | 68.9 |
| 175 | 5 - 9% of m/z 174 | 7.7 |
| 176 | 95 -105% of m/z 174 | 98.6 |
| 177 | 5 - 10% of m/z 176 | 6.8 |

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 |
|---|---|---|---|---|
| | STD20 460-948537/5 | D10355.D | 12/07/2023 | 6:05 |
| | STD200 460-948537/7 | D10357.D | 12/07/2023 | 6:51 |
| | STD500 460-948537/8 | D10358.D | 12/07/2023 | 7:15 |
| | STD1 460-948537/16 | D10366.D | 12/07/2023 | 10:20 |
| | STD5 460-948537/17 | D10367.D | 12/07/2023 | 10:43 |
| | STD50 460-948537/18 | D10368.D | 12/07/2023 | 11:06 |
| | ICV 460-948537/22 | D10372.D | 12/07/2023 | 12:38 |

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

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Sample No.: STD20 460-946193/6  Date Analyzed: 11/22/2023 11:18

Instrument ID: CVOAMS12  GC Column: DB-624  ID: 0.18(mm)

Lab File ID (Standard): O11262.d  Heated Purge: (Y/N) N

Calibration ID: 95162

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 206673 | 2.53 | 287175 | 3.51 | 507682 | 4.67 |
| UPPER LIMIT | | 413346 | 3.03 | 574350 | 4.01 | 1015364 | 5.17 |
| LOWER LIMIT | | 103337 | 2.03 | 143588 | 3.01 | 253841 | 4.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-946193/1019 | | 213154 | 2.53 | 289397 | 3.51 | 502096 | 4.67 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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.: 460-294432-1

SDG No.:

Sample No.: STD20 460-946193/6 Date Analyzed: 11/22/2023 11:18

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O11262.d Heated Purge: (Y/N) N

Calibration ID: 95162

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 32592 | 5.41 | 384021 | 8.53 | 186050 | 11.96 |
| UPPER LIMIT | | 65184 | 5.91 | 768042 | 9.03 | 372100 | 12.46 |
| LOWER LIMIT | | 16296 | 4.91 | 192011 | 8.03 | 93025 | 11.46 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-946193/1019 | | 33258 | 5.41 | 382680 | 8.53 | 187004 | 11.96 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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.: 460-294432-1

SDG No.:

Sample No.: CCVIS 460-949677/2 Date Analyzed: 12/13/2023 10:19

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O12099.d Heated Purge: (Y/N) N

Calibration ID: 95162

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 174057 | 2.53 | 298253 | 3.51 | 554067 | 4.67 |
| UPPER LIMIT | | 348114 | 3.03 | 596506 | 4.01 | 1108134 | 5.17 |
| LOWER LIMIT | | 87029 | 2.03 | 149127 | 3.01 | 277034 | 4.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-949677/3 | | 174034 | 2.53 | 299172 | 3.51 | 569977 | 4.66 |
| LCSD 460-949677/4 | | 163823 | 2.53 | 288516 | 3.51 | 566626 | 4.66 |
| MB 460-949677/8 | | 172910 | 2.53 | 293615 | 3.51 | 549478 | 4.66 |
| 460-294432-7 | Eqt. Blank-1 | 160563 | 2.53 | 272418 | 3.51 | 536583 | 4.66 |
| 460-294432-8 | Trip Blank-1 | 161819 | 2.53 | 271019 | 3.51 | 525601 | 4.66 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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.: 460-294432-1

SDG No.:

Sample No.: CCVIS 460-949677/2  Date Analyzed: 12/13/2023 10:19

Instrument ID: CVOAMS12  GC Column: DB-624  ID: 0.18(mm)

Lab File ID (Standard): O12099.d  Heated Purge: (Y/N) N

Calibration ID: 95162

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 38118 | 5.41 | 447459 | 8.53 | 241473 | 11.96 |
| UPPER LIMIT | | 76236 | 5.91 | 894918 | 9.03 | 482946 | 12.46 |
| LOWER LIMIT | | 19059 | 4.91 | 223730 | 8.03 | 120737 | 11.46 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-949677/3 | | 38593 | 5.41 | 466503 | 8.53 | 246960 | 11.96 |
| LCSD 460-949677/4 | | 37997 | 5.41 | 466990 | 8.53 | 245879 | 11.96 |
| MB 460-949677/8 | | 38068 | 5.41 | 444845 | 8.53 | 243759 | 11.96 |
| 460-294432-7 | Eqt. Blank-1 | 35482 | 5.41 | 434867 | 8.53 | 229654 | 11.96 |
| 460-294432-8 | Trip Blank-1 | 35340 | 5.41 | 436435 | 8.53 | 230962 | 11.96 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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.: 460-294432-1

SDG No.:

Sample No.: STD20 460-945184/5  Date Analyzed: 11/16/2023 21:26

Instrument ID: CVOAMS2  GC Column: DB-624  ID: 0.18(mm)

Lab File ID (Standard): B10145.D  Heated Purge: (Y/N) Y

Calibration ID: 95080

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 380805 | 2.23 | 358631 | 3.15 | 654460 | 4.28 |
| UPPER LIMIT | | 761610 | 2.73 | 717262 | 3.65 | 1308920 | 4.78 |
| LOWER LIMIT | | 190403 | 1.73 | 179316 | 2.65 | 327230 | 3.78 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-945184/16 | | 390356 | 2.24 | 357615 | 3.16 | 638473 | 4.29 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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.: 460-294432-1

SDG No.:

Sample No.: STD20 460-945184/5  Date Analyzed: 11/16/2023 21:26

Instrument ID: CVOAMS2  GC Column: DB-624  ID: 0.18(mm)

Lab File ID (Standard): B10145.D  Heated Purge: (Y/N) Y

Calibration ID: 95080

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 32039 | 5.06 | 531679 | 7.82 | 287200 | 9.79 |
| UPPER LIMIT | | 64078 | 5.56 | 1063358 | 8.32 | 574400 | 10.29 |
| LOWER LIMIT | | 16020 | 4.56 | 265840 | 7.32 | 143600 | 9.29 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-945184/16 | | 30457 | 5.07 | 518464 | 7.83 | 276375 | 9.79 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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.: 460-294432-1

SDG No.:

Sample No.: CCVIS 460-949836/2 Date Analyzed: 12/14/2023 06:09

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B11186.D Heated Purge: (Y/N) Y

Calibration ID: 95080

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 337967 | 2.22 | 349706 | 3.14 | 526600 | 4.26 |
| UPPER LIMIT | | 675934 | 2.72 | 699412 | 3.64 | 1053200 | 4.76 |
| LOWER LIMIT | | 168984 | 1.72 | 174853 | 2.64 | 263300 | 3.76 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-949836/4 | | 307564 | 2.22 | 328994 | 3.14 | 529203 | 4.27 |
| MB 460-949836/7 | | 251999 | 2.20 | 284198 | 3.14 | 475560 | 4.26 |
| 460-294432-3 | SB-1 (12-13) | 218695 | 2.22 | 250391 | 3.14 | 419046 | 4.27 |
| 460-294432-10 | SB-4 (10-11) | 254259 | 2.22 | 279395 | 3.14 | 484454 | 4.27 |
| LCSD 460-949836/32 | | 248637 | 2.21 | 284457 | 3.14 | 482830 | 4.27 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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.: 460-294432-1

SDG No.:

Sample No.: CCVIS 460-949836/2  Date Analyzed: 12/14/2023 06:09

Instrument ID: CVOAMS2  GC Column: DB-624  ID: 0.18(mm)

Lab File ID (Standard): B11186.D  Heated Purge: (Y/N) Y

Calibration ID: 95080

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 27063 | 5.06 | 406482 | 7.81 | 252714 | 9.78 |
| UPPER LIMIT | | 54126 | 5.56 | 812964 | 8.31 | 505428 | 10.28 |
| LOWER LIMIT | | 13532 | 4.56 | 203241 | 7.31 | 126357 | 9.28 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-949836/4 | | 26123 | 5.04 | 481718 | 7.81 | 263746 | 9.78 |
| MB 460-949836/7 | | 19711 | 5.03 | 362199 | 7.81 | 183337 | 9.78 |
| 460-294432-3 | SB-1 (12-13) | 12747*3 | 5.03 | 329732 | 7.82 | 154333 | 9.78 |
| 460-294432-10 | SB-4 (10-11) | 16815 | 5.05 | 455407 | 7.82 | 183805 | 9.78 |
| LCSD 460-949836/32 | | 21322 | 5.06 | 418710 | 7.82 | 201186 | 9.78 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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

*3=ISTD response or retention time outside acceptable limits.

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

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Sample No.: STD20 460-948537/5  Date Analyzed: 12/07/2023 06:05

Instrument ID: CVOAMS4  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): D10355.D  Heated Purge: (Y/N) Y

Calibration ID: 95358

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 194851 | 3.42 | 152702 | 4.73 | 493632 | 6.07 |
| UPPER LIMIT | | 389702 | 3.92 | 305404 | 5.23 | 987264 | 6.57 |
| LOWER LIMIT | | 97426 | 2.92 | 76351 | 4.23 | 246816 | 5.57 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-948537/22 | | 156036 | 3.43 | 133624 | 4.74 | 497737 | 6.08 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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.: 460-294432-1

SDG No.:

Sample No.: STD20 460-948537/5 Date Analyzed: 12/07/2023 06:05

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D10355.D Heated Purge: (Y/N) Y

Calibration ID: 95358

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 18402 | 6.93 | 312693 | 9.24 | 159128 | 11.07 |
| UPPER LIMIT | | 36804 | 7.43 | 625386 | 9.74 | 318256 | 11.57 |
| LOWER LIMIT | | 9201 | 6.43 | 156347 | 8.74 | 79564 | 10.57 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-948537/22 | | 16781 | 6.94 | 317659 | 9.25 | 164437 | 11.08 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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.: 460-294432-1

SDG No.:

Sample No.: CCVIS 460-949644/1  Date Analyzed: 12/13/2023 07:52

Instrument ID: CVOAMS4  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): D10428.D  Heated Purge: (Y/N) Y

Calibration ID: 95358

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 191029 | 3.41 | 155826 | 4.71 | 561082 | 6.05 |
| UPPER LIMIT | | 382058 | 3.91 | 311652 | 5.21 | 1122164 | 6.55 |
| LOWER LIMIT | | 95515 | 2.91 | 77913 | 4.21 | 280541 | 5.55 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-949644/3 | | 176115 | 3.41 | 152534 | 4.71 | 518081 | 6.05 |
| LCSD 460-949644/4 | | 178095 | 3.41 | 161207 | 4.71 | 576661 | 6.05 |
| MB 460-949644/7 | | 187679 | 3.40 | 169584 | 4.71 | 535058 | 6.04 |
| LB3 460-949575/1-A | | 147966 | 3.41 | 122883 | 4.71 | 485992 | 6.05 |
| 460-294432-1 | SB-1 (7-8) | 170230 | 3.41 | 139179 | 4.71 | 545706 | 6.05 |
| 460-294432-2 | SB-2 (9-10) | 134475 | 3.41 | 117666 | 4.71 | 519379 | 6.05 |
| 460-294432-4 | SB-2 (12-13) | 165722 | 3.41 | 133140 | 4.71 | 504582 | 6.05 |
| 460-294432-5 | SB-3 (11-12) | 165337 | 3.41 | 132767 | 4.71 | 503885 | 6.05 |
| 460-294432-5 MS | SB-3 (11-12) MS | 145052 | 3.41 | 120048 | 4.71 | 532822 | 6.05 |
| 460-294432-5 MSD | SB-3 (11-12) MSD | 145170 | 3.41 | 126730 | 4.71 | 541500 | 6.05 |
| 460-294432-6 | SB-3 (7-8) | 171423 | 3.41 | 141831 | 4.71 | 542006 | 6.05 |
| 460-294432-9 | SB-4 (7-8) | 151128 | 3.41 | 130426 | 4.71 | 516042 | 6.05 |
| 460-294432-11 | SB-BD-1 | 155387 | 3.41 | 121224 | 4.71 | 518652 | 6.05 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
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.: 460-294432-1

SDG No.:

Sample No.: CCVIS 460-949644/1  Date Analyzed: 12/13/2023 07:52

Instrument ID: CVOAMS4  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): D10428.D  Heated Purge: (Y/N) Y

Calibration ID: 95358

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 18067 | 6.91 | 360410 | 9.23 | 183206 | 11.06 |
| UPPER LIMIT | | 36134 | 7.41 | 720820 | 9.73 | 366412 | 11.56 |
| LOWER LIMIT | | 9034 | 6.41 | 180205 | 8.73 | 91603 | 10.56 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-949644/3 | | 17280 | 6.91 | 335658 | 9.23 | 173573 | 11.06 |
| LCSD 460-949644/4 | | 16775 | 6.91 | 370203 | 9.23 | 191610 | 11.06 |
| MB 460-949644/7 | | 16994 | 6.90 | 353893 | 9.23 | 182461 | 11.06 |
| LB3 460-949575/1-A | | 13169 | 6.91 | 318392 | 9.23 | 162812 | 11.06 |
| 460-294432-1 | SB-1 (7-8) | 13387 | 6.91 | 354438 | 9.23 | 172110 | 11.06 |
| 460-294432-2 | SB-2 (9-10) | 10830 | 6.91 | 339011 | 9.23 | 168815 | 11.06 |
| 460-294432-4 | SB-2 (12-13) | 13789 | 6.91 | 333045 | 9.23 | 172880 | 11.06 |
| 460-294432-5 | SB-3 (11-12) | 12910 | 6.91 | 334398 | 9.23 | 170941 | 11.06 |
| 460-294432-5 MS | SB-3 (11-12) MS | 12368 | 6.91 | 341252 | 9.23 | 176446 | 11.06 |
| 460-294432-5 MSD | SB-3 (11-12) MSD | 12287 | 6.90 | 349509 | 9.23 | 178936 | 11.06 |
| 460-294432-6 | SB-3 (7-8) | 14558 | 6.90 | 351594 | 9.23 | 175403 | 11.06 |
| 460-294432-9 | SB-4 (7-8) | 12876 | 6.91 | 335385 | 9.23 | 167957 | 11.06 |
| 460-294432-11 | SB-BD-1 | 13678 | 6.91 | 339502 | 9.23 | 170253 | 11.06 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

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 I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-1 (7-8) | Lab Sample ID: 460-294432-1

Matrix: Solid | Lab File ID: D10441.D

Analysis Method: 8260D | Date Collected: 12/12/2023 09:00

Sample wt/vol: 6.20(g) | Date Analyzed: 12/13/2023 13:59

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) Y pH:

% Moisture: 3.5 % Solids: 96.5 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.19 | U | 0.84 | 0.19 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.84 | 0.18 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.25 | U | 0.84 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.15 | U | 0.84 | 0.15 |
| 75-34-3 | 1,1-Dichloroethane | 0.17 | U | 0.84 | 0.17 |
| 75-35-4 | 1,1-Dichloroethene | 0.19 | U | 0.84 | 0.19 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.15 | U | 0.84 | 0.15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.30 | U | 0.84 | 0.30 |
| 78-87-5 | 1,2-Dichloropropane | 0.35 | U | 0.84 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.31 | U | 0.84 | 0.31 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.84 | 0.19 |
| 123-91-1 | 1,4-Dioxane | 7.7 | U | 84 | 7.7 |
| 78-93-3 | 2-Butanone (MEK) | 0.31 | U | 4.2 | 0.31 |
| 591-78-6 | 2-Hexanone | 1.4 | U | 4.2 | 1.4 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.2 | 1.3 |
| 67-64-1 | Acetone | 4.8 | U | 5.0 | 4.8 |
| 71-43-2 | Benzene | 0.22 | U | 0.84 | 0.22 |
| 75-25-2 | Bromoform | 0.36 | U | 0.84 | 0.36 |
| 74-83-9 | Bromomethane | 0.84 | U | 1.7 | 0.84 |
| 75-15-0 | Carbon disulfide | 0.22 | U | 0.84 | 0.22 |
| 56-23-5 | Carbon tetrachloride | 0.32 | U | 0.84 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.15 | U | 0.84 | 0.15 |
| 74-97-5 | Chlorobromomethane | 0.23 | U | 0.84 | 0.23 |
| 124-48-1 | Chlorodibromomethane | 0.16 | U | 0.84 | 0.16 |
| 75-00-3 | Chloroethane | 0.44 | U | 0.84 | 0.44 |
| 67-66-3 | Chloroform | 0.81 | U | 0.84 | 0.81 |
| 74-87-3 | Chloromethane | 0.36 | U | 0.84 | 0.36 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.30 | U | 0.84 | 0.30 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.23 | U | 0.84 | 0.23 |
| 110-82-7 | Cyclohexane | 0.18 | U | 0.84 | 0.18 |
| 75-27-4 | Dichlorobromomethane | 0.21 | U | 0.84 | 0.21 |
| 75-71-8 | Dichlorodifluoromethane | 0.28 | U | 0.84 | 0.28 |
| 100-41-4 | Ethylbenzene | 0.17 | U | 0.84 | 0.17 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-1 (7-8) | Lab Sample ID: 460-294432-1

Matrix: Solid | Lab File ID: D10441.D

Analysis Method: 8260D | Date Collected: 12/12/2023 09:00

Sample wt/vol: 6.20(g) | Date Analyzed: 12/13/2023 13:59

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) Y pH:

% Moisture: 3.5 % Solids: 96.5 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.15 | U | 0.84 | 0.15 |
| 98-82-8 | Isopropylbenzene | 0.24 | U | 0.84 | 0.24 |
| 79-20-9 | Methyl acetate | 3.6 | U | 4.2 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.43 | U | 0.84 | 0.43 |
| 108-87-2 | Methylcyclohexane | 0.42 | U | 0.84 | 0.42 |
| 75-09-2 | Methylene Chloride | 0.96 | U | 1.7 | 0.96 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.15 | U | 0.84 | 0.15 |
| 95-47-6 | o-Xylene | 0.16 | U | 0.84 | 0.16 |
| 100-42-5 | Styrene | 0.23 | U | 0.84 | 0.23 |
| 127-18-4 | Tetrachloroethene | 0.25 | U | 0.84 | 0.25 |
| 108-88-3 | Toluene | 3.4 | | 0.84 | 0.20 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.21 | U | 0.84 | 0.21 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.22 | U | 0.84 | 0.22 |
| 79-01-6 | Trichloroethene | 0.27 | U | 0.84 | 0.27 |
| 75-69-4 | Trichlorofluoromethane | 0.34 | U | 0.84 | 0.34 |
| 75-01-4 | Vinyl chloride | 0.46 | U | 0.84 | 0.46 |
| 107-06-2 | 1,2-Dichloroethane | 0.25 | U | 0.84 | 0.25 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.30 | U | 0.84 | 0.30 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.38 | U | 0.84 | 0.38 |
| 108-21-4 | Isopropyl acetate | 0.26 | U | 1.7 | 0.26 |
| 123-86-4 | n-Butyl acetate | 0.77 | U | 1.7 | 0.77 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 105 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 103 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 99 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10441.D
Lims ID: 460-294432-C-1-A
Client ID: SB-1 (7-8)
Sample Type: Client
Inject. Date: 13-Dec-2023 13:59:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-1-A
Misc. Info.: 460-0170079-014
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:04:24 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: RD6L Date: 13-Dec-2023 15:06:16

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 170230 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 38 | 139179 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.281 | 5.282 | -0.001 | 96 | 217450 | 51.5 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 97 | 212173 | 47.3 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 545706 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.907 | 6.908 | -0.001 | 0 | 13387 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.874 | 7.875 | -0.001 | 99 | 796645 | 49.4 | |
| 81 Toluene | 91 | 7.939 | 7.939 | 0.000 | 93 | 86132 | 4.04 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 354438 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 213435 | 52.7 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 172110 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

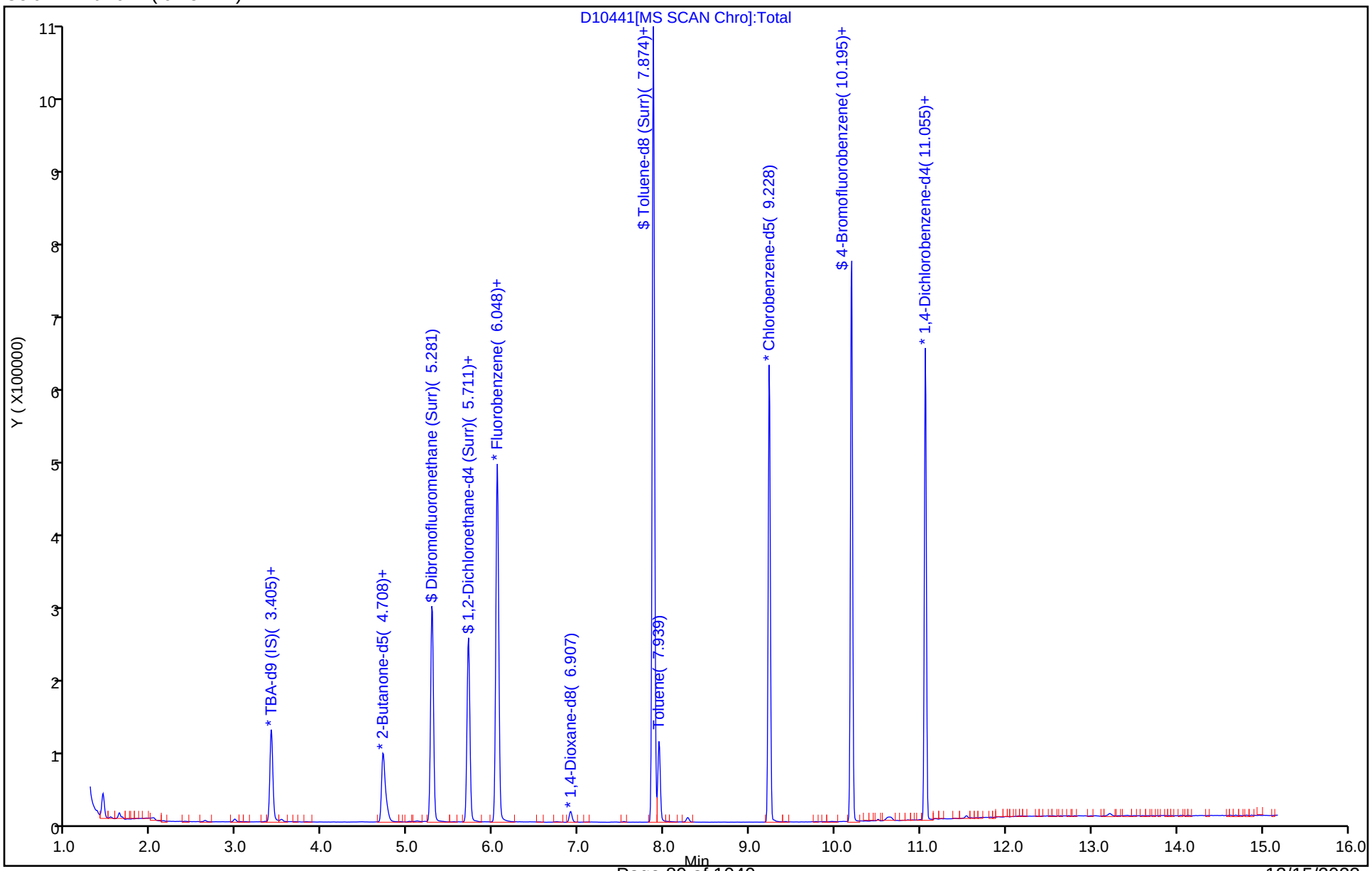
Report Date: 13-Dec-2023 15:06:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10441.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 13:59:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-294432-C-1-A | Lab Sample ID: | 460-294432-1 | Worklist Smp#: | 14 |
| Client ID: | SB-1 (7-8) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10441.D
Lims ID: 460-294432-C-1-A
Client ID: SB-1 (7-8)
Sample Type: Client
Inject. Date: 13-Dec-2023 13:59:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-1-A
Misc. Info.: 460-0170079-014
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:04:24 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1651

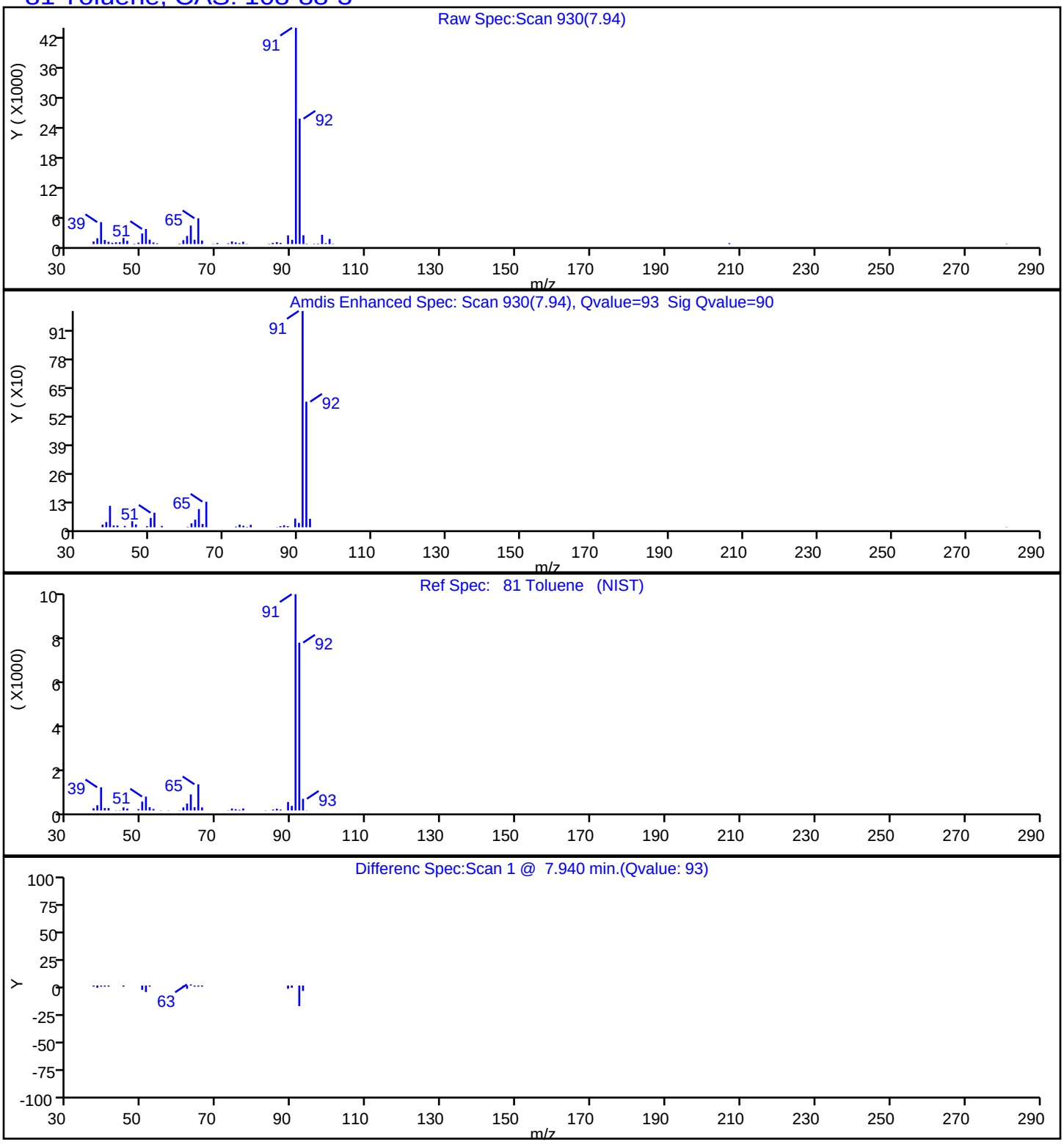
First Level Reviewer: RD6L Date: 13-Dec-2023 15:06:16

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 51.5 | 102.92 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.3 | 94.62 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 49.4 | 98.73 |
| $ 102 4-Bromofluorobenzene | 50.0 | 52.7 | 105.33 |

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10441.D
Injection Date: 13-Dec-2023 13:59:30 Instrument ID: CVOAMS4
Lims ID: 460-294432-C-1-A Lab Sample ID: 460-294432-1
Client ID: SB-1 (7-8)
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 81 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-2 (9-10) | Lab Sample ID: 460-294432-2

Matrix: Solid | Lab File ID: D10442.D

Analysis Method: 8260D | Date Collected: 12/12/2023 10:00

Sample wt/vol: 5.17(g) | Date Analyzed: 12/13/2023 14:22

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) Y pH:

% Moisture: 1.4 % Solids: 98.6 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.23 | U | 0.98 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.21 | U | 0.98 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.30 | U | 0.98 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.17 | U | 0.98 | 0.17 |
| 75-34-3 | 1,1-Dichloroethane | 0.20 | U | 0.98 | 0.20 |
| 75-35-4 | 1,1-Dichloroethene | 0.22 | U | 0.98 | 0.22 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.18 | U | 0.98 | 0.18 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.35 | U | 0.98 | 0.35 |
| 78-87-5 | 1,2-Dichloropropane | 0.41 | U | 0.98 | 0.41 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.36 | U | 0.98 | 0.36 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.22 | U | 0.98 | 0.22 |
| 123-91-1 | 1,4-Dioxane | 9.0 | U | 98 | 9.0 |
| 78-93-3 | 2-Butanone (MEK) | 0.36 | U | 4.9 | 0.36 |
| 591-78-6 | 2-Hexanone | 1.7 | U | 4.9 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.5 | U | 4.9 | 1.5 |
| 67-64-1 | Acetone | 5.6 | U | 5.9 | 5.6 |
| 71-43-2 | Benzene | 0.25 | U | 0.98 | 0.25 |
| 75-25-2 | Bromoform | 0.42 | U | 0.98 | 0.42 |
| 74-83-9 | Bromomethane | 0.98 | U | 2.0 | 0.98 |
| 75-15-0 | Carbon disulfide | 0.26 | U | 0.98 | 0.26 |
| 56-23-5 | Carbon tetrachloride | 0.38 | U | 0.98 | 0.38 |
| 108-90-7 | Chlorobenzene | 0.17 | U | 0.98 | 0.17 |
| 74-97-5 | Chlorobromomethane | 0.28 | U | 0.98 | 0.28 |
| 124-48-1 | Chlorodibromomethane | 0.19 | U | 0.98 | 0.19 |
| 75-00-3 | Chloroethane | 0.51 | U | 0.98 | 0.51 |
| 67-66-3 | Chloroform | 0.95 | U | 0.98 | 0.95 |
| 74-87-3 | Chloromethane | 0.43 | U | 0.98 | 0.43 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.35 | U | 0.98 | 0.35 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.27 | U | 0.98 | 0.27 |
| 110-82-7 | Cyclohexane | 0.22 | U | 0.98 | 0.22 |
| 75-27-4 | Dichlorobromomethane | 0.25 | U | 0.98 | 0.25 |
| 75-71-8 | Dichlorodifluoromethane | 0.33 | U | 0.98 | 0.33 |
| 100-41-4 | Ethylbenzene | 0.20 | U | 0.98 | 0.20 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-2 (9-10) | Lab Sample ID: 460-294432-2

Matrix: Solid | Lab File ID: D10442.D

Analysis Method: 8260D | Date Collected: 12/12/2023 10:00

Sample wt/vol: 5.17(g) | Date Analyzed: 12/13/2023 14:22

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) Y pH:

% Moisture: 1.4 % Solids: 98.6 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.18 | U | 0.98 | 0.18 |
| 98-82-8 | Isopropylbenzene | 0.28 | U | 0.98 | 0.28 |
| 79-20-9 | Methyl acetate | 4.2 | U | 4.9 | 4.2 |
| 1634-04-4 | Methyl tert-butyl ether | 0.50 | U | 0.98 | 0.50 |
| 108-87-2 | Methylcyclohexane | 0.49 | U | 0.98 | 0.49 |
| 75-09-2 | Methylene Chloride | 1.1 | U | 2.0 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.17 | U | 0.98 | 0.17 |
| 95-47-6 | o-Xylene | 0.19 | U | 0.98 | 0.19 |
| 100-42-5 | Styrene | 0.27 | U | 0.98 | 0.27 |
| 127-18-4 | Tetrachloroethene | 0.30 | U | 0.98 | 0.30 |
| 108-88-3 | Toluene | 0.23 | U | 0.98 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.24 | U | 0.98 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.26 | U | 0.98 | 0.26 |
| 79-01-6 | Trichloroethene | 0.31 | U | 0.98 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 0.40 | U | 0.98 | 0.40 |
| 75-01-4 | Vinyl chloride | 0.54 | U | 0.98 | 0.54 |
| 107-06-2 | 1,2-Dichloroethane | 0.29 | U | 0.98 | 0.29 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.35 | U | 0.98 | 0.35 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.45 | U | 0.98 | 0.45 |
| 108-21-4 | Isopropyl acetate | 0.30 | U | 2.0 | 0.30 |
| 123-86-4 | n-Butyl acetate | 0.90 | U | 2.0 | 0.90 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 98 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 110 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 107 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 104 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10442.D
Lims ID: 460-294432-C-2-A
Client ID: SB-2 (9-10)
Sample Type: Client
Inject. Date: 13-Dec-2023 14:22:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-2-A
Misc. Info.: 460-0170079-015
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:28:51 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: RD6L Date: 13-Dec-2023 15:06:30

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 134475 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 74 | 117666 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.281 | 5.282 | -0.001 | 96 | 214978 | 53.5 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 97 | 209894 | 49.2 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 519379 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.907 | 6.908 | -0.001 | 0 | 10830 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.874 | 7.875 | -0.001 | 99 | 800121 | 51.8 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 88 | 339011 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 217669 | 54.8 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 168815 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

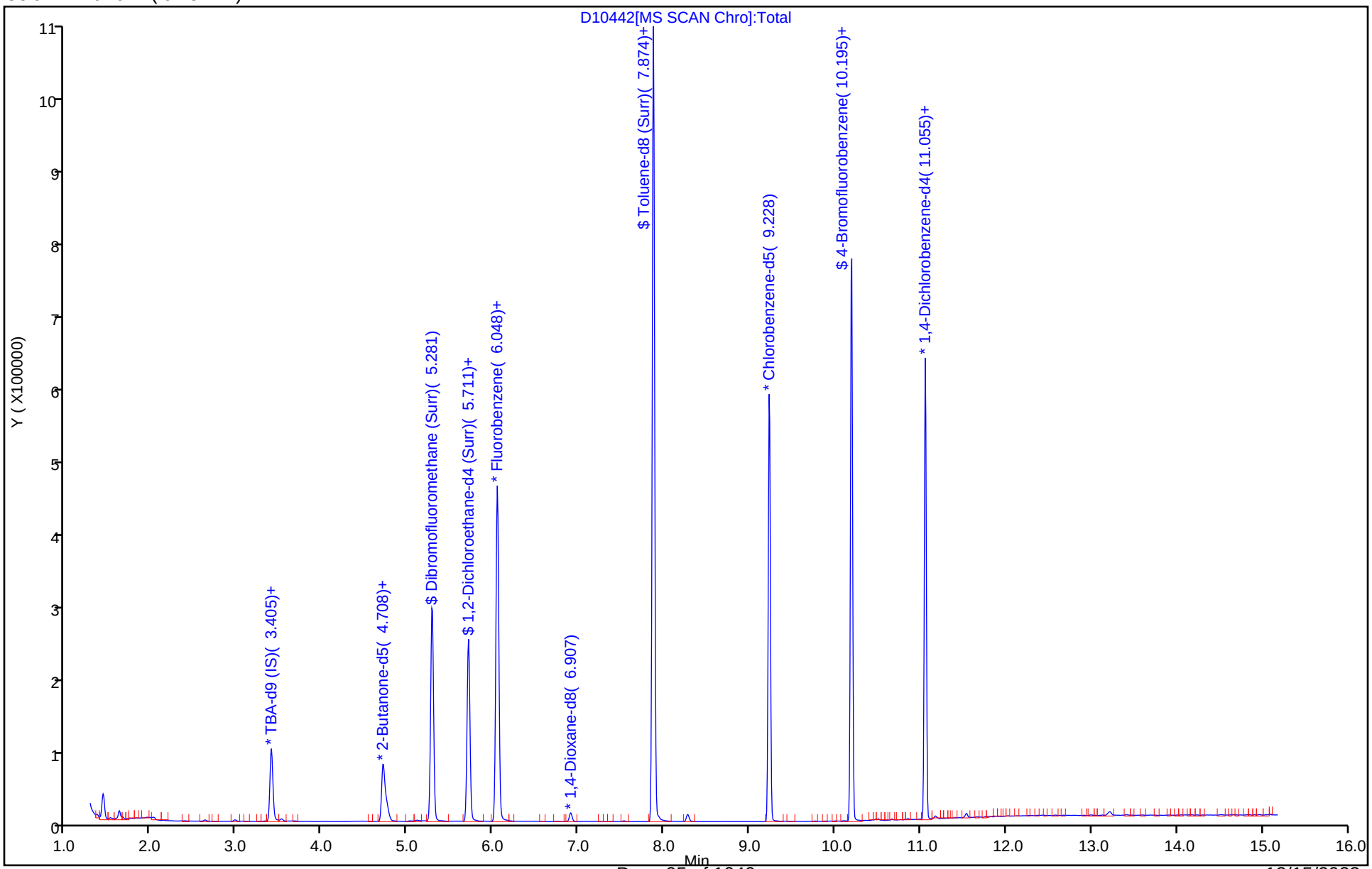
Report Date: 14-Dec-2023 11:28:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10442.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 14:22:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-294432-C-2-A | Lab Sample ID: | 460-294432-2 | Worklist Smp#: | 15 |
| Client ID: | SB-2 (9-10) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 15 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10442.D
Lims ID: 460-294432-C-2-A
Client ID: SB-2 (9-10)
Sample Type: Client
Inject. Date: 13-Dec-2023 14:22:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-2-A
Misc. Info.: 460-0170079-015
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:28:51 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: RD6L Date: 13-Dec-2023 15:06:30

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 53.5 | 106.90 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.2 | 98.34 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 51.8 | 103.67 |
| $ 102 4-Bromofluorobenzene | 50.0 | 54.8 | 109.52 |

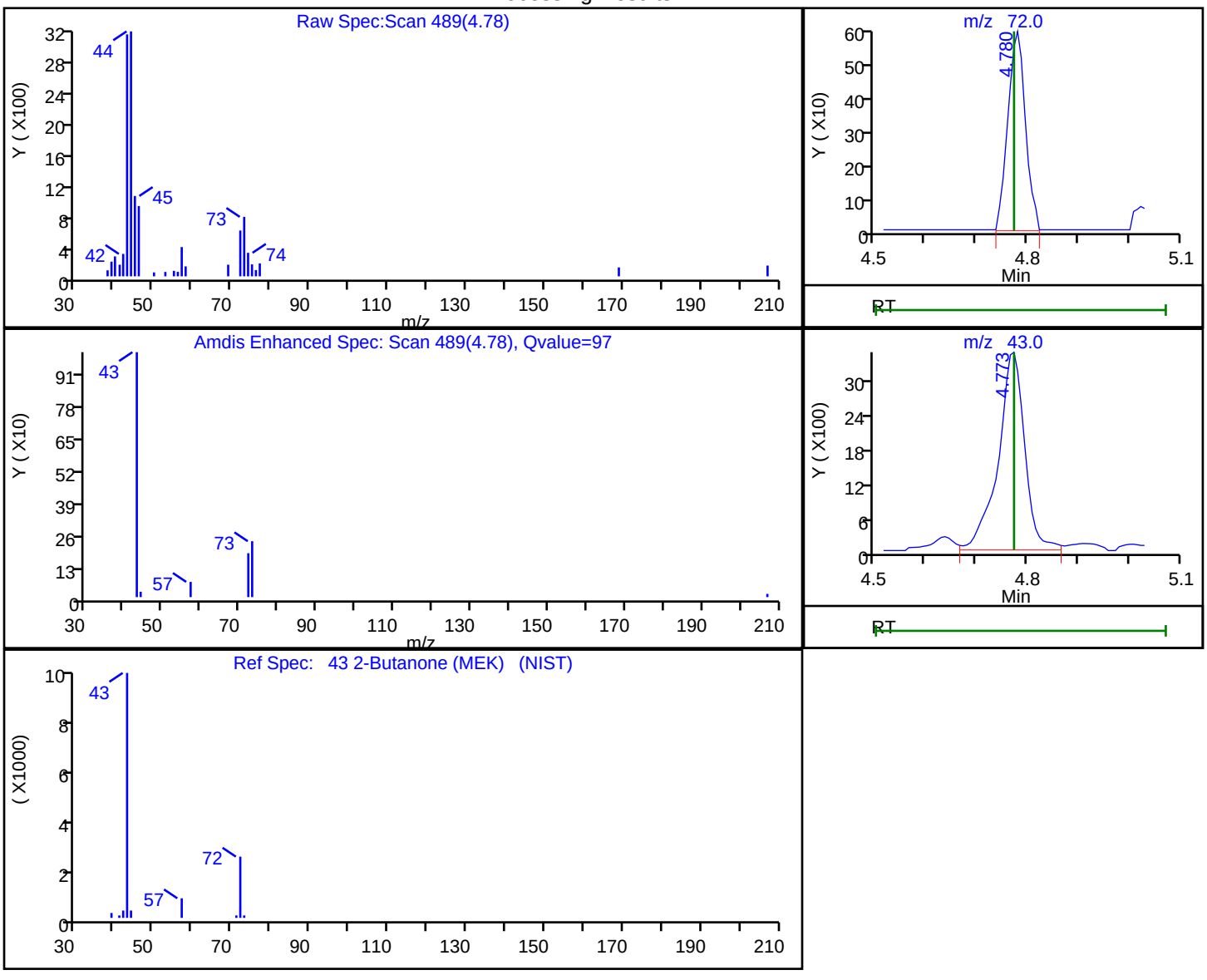
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10442.D | | | | |
| Injection Date: | 13-Dec-2023 14:22:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-294432-C-2-A | Lab Sample ID: | 460-294432-2 | | |
| Client ID: | SB-2 (9-10) | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 43 2-Butanone (MEK), CAS: 78-93-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.78 | 72.00 | 1432 | 3.997278 |
| 4.77 | 43.00 | 12863 | |

Reviewer: NN6A, 14-Dec-2023 11:28:44 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-1 (12-13) | Lab Sample ID: 460-294432-3

Matrix: Solid | Lab File ID: B11200.D

Analysis Method: 8260D | Date Collected: 12/12/2023 09:20

Sample wt/vol: 6.10(g) | Date Analyzed: 12/14/2023 12:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 1.3 % Solids: 98.7 | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.19 | U | 0.83 | 0.19 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.83 | 0.18 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.25 | U | 0.83 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.15 | U | 0.83 | 0.15 |
| 75-34-3 | 1,1-Dichloroethane | 0.17 | U | 0.83 | 0.17 |
| 75-35-4 | 1,1-Dichloroethene | 0.19 | U | 0.83 | 0.19 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.15 | U | 0.83 | 0.15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.30 | U | 0.83 | 0.30 |
| 78-87-5 | 1,2-Dichloropropane | 0.35 | U | 0.83 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.30 | U | 0.83 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.83 | 0.19 |
| 123-91-1 | 1,4-Dioxane | 7.6 | U *3 | 83 | 7.6 |
| 78-93-3 | 2-Butanone (MEK) | 3.7 | J | 4.2 | 0.31 |
| 591-78-6 | 2-Hexanone | 1.4 | U | 4.2 | 1.4 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.2 | 1.3 |
| 67-64-1 | Acetone | 21 | | 5.0 | 4.7 |
| 71-43-2 | Benzene | 0.21 | U | 0.83 | 0.21 |
| 75-25-2 | Bromoform | 0.35 | U | 0.83 | 0.35 |
| 74-83-9 | Bromomethane | 0.83 | U | 1.7 | 0.83 |
| 75-15-0 | Carbon disulfide | 1.1 | | 0.83 | 0.22 |
| 56-23-5 | Carbon tetrachloride | 0.32 | U | 0.83 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.15 | U | 0.83 | 0.15 |
| 74-97-5 | Chlorobromomethane | 0.23 | U | 0.83 | 0.23 |
| 124-48-1 | Chlorodibromomethane | 0.16 | U | 0.83 | 0.16 |
| 75-00-3 | Chloroethane | 0.43 | U | 0.83 | 0.43 |
| 67-66-3 | Chloroform | 0.81 | U | 0.83 | 0.81 |
| 74-87-3 | Chloromethane | 0.36 | U | 0.83 | 0.36 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.30 | U | 0.83 | 0.30 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.23 | U | 0.83 | 0.23 |
| 110-82-7 | Cyclohexane | 0.18 | U | 0.83 | 0.18 |
| 75-27-4 | Dichlorobromomethane | 0.21 | U | 0.83 | 0.21 |
| 75-71-8 | Dichlorodifluoromethane | 0.28 | U | 0.83 | 0.28 |
| 100-41-4 | Ethylbenzene | 0.39 | J | 0.83 | 0.17 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-1 (12-13) | Lab Sample ID: 460-294432-3

Matrix: Solid | Lab File ID: B11200.D

Analysis Method: 8260D | Date Collected: 12/12/2023 09:20

Sample wt/vol: 6.10(g) | Date Analyzed: 12/14/2023 12:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 1.3 % Solids: 98.7 | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.15 | U | 0.83 | 0.15 |
| 98-82-8 | Isopropylbenzene | 0.24 | U | 0.83 | 0.24 |
| 79-20-9 | Methyl acetate | 3.6 | U | 4.2 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.43 | U | 0.83 | 0.43 |
| 108-87-2 | Methylcyclohexane | 0.41 | U | 0.83 | 0.41 |
| 75-09-2 | Methylene Chloride | 0.95 | U | 1.7 | 0.95 |
| 179601-23-1 | m-Xylene & p-Xylene | 1.3 | | 0.83 | 0.14 |
| 95-47-6 | o-Xylene | 0.34 | J | 0.83 | 0.16 |
| 100-42-5 | Styrene | 0.23 | U | 0.83 | 0.23 |
| 127-18-4 | Tetrachloroethene | 0.25 | U | 0.83 | 0.25 |
| 108-88-3 | Toluene | 11 | | 0.83 | 0.19 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.20 | U | 0.83 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.22 | U | 0.83 | 0.22 |
| 79-01-6 | Trichloroethene | 0.27 | U | 0.83 | 0.27 |
| 75-69-4 | Trichlorofluoromethane | 0.34 | U | 0.83 | 0.34 |
| 75-01-4 | Vinyl chloride | 0.45 | U | 0.83 | 0.45 |
| 107-06-2 | 1,2-Dichloroethane | 0.25 | U | 0.83 | 0.25 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.30 | U | 0.83 | 0.30 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.38 | U | 0.83 | 0.38 |
| 108-21-4 | Isopropyl acetate | 0.25 | U | 1.7 | 0.25 |
| 123-86-4 | n-Butyl acetate | 0.77 | U | 1.7 | 0.77 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 129 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 101 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 120 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 102 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D
Lims ID: 460-294432-D-3-A
Client ID: SB-1 (12-13)
Sample Type: Client
Inject. Date: 14-Dec-2023 12:13:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-D-3-A
Misc. Info.: 460-0170114-016
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 12:32:21 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: NN6A Date: 14-Dec-2023 12:32:21

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| 21 Acetone | 43 | 1.843 | 1.843 | 0.000 | 86 | 19044 | 25.2 | |
| 23 Carbon disulfide | 76 | 1.928 | 1.928 | 0.000 | 78 | 8253 | 1.37 | |
| * 29 TBA-d9 (IS) | 65 | 2.221 | 2.215 | 0.006 | 0 | 218695 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.142 | 3.142 | 0.000 | 0 | 250391 | 250.0 | |
| 43 2-Butanone (MEK) | 72 | 3.196 | 3.196 | 0.000 | 56 | 1177 | 4.40 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.605 | 3.605 | 0.000 | 95 | 144697 | 59.8 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.916 | 3.916 | 0.000 | 0 | 184592 | 64.7 | |
| * 60 Fluorobenzene | 96 | 4.269 | 4.263 | 0.006 | 97 | 419046 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.032 | 5.056 | -0.024 | 0 | 12747 | 1000.0 | sM |
| $ 79 Toluene-d8 (Surr) | 98 | 6.123 | 6.123 | 0.000 | 97 | 530620 | 50.9 | |
| 80 Toluene | 91 | 6.208 | 6.202 | 0.006 | 93 | 120351 | 13.5 | |
| * 91 Chlorobenzene-d5 | 117 | 7.818 | 7.811 | 0.007 | 90 | 329732 | 50.0 | |
| 94 Ethylbenzene | 106 | 7.976 | 7.976 | 0.000 | 98 | 1418 | 0.4711 | |
| 95 m-Xylene & p-Xylene | 106 | 8.092 | 8.092 | 0.000 | 0 | 5716 | 1.54 | |
| 96 o-Xylene | 106 | 8.445 | 8.445 | 0.000 | 94 | 1471 | 0.4067 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.884 | 8.884 | 0.000 | 90 | 125064 | 50.3 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.781 | 9.781 | 0.001 | 98 | 154333 | 50.0 | |

## QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test
Review Flags
M - Manually Integrated

## Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

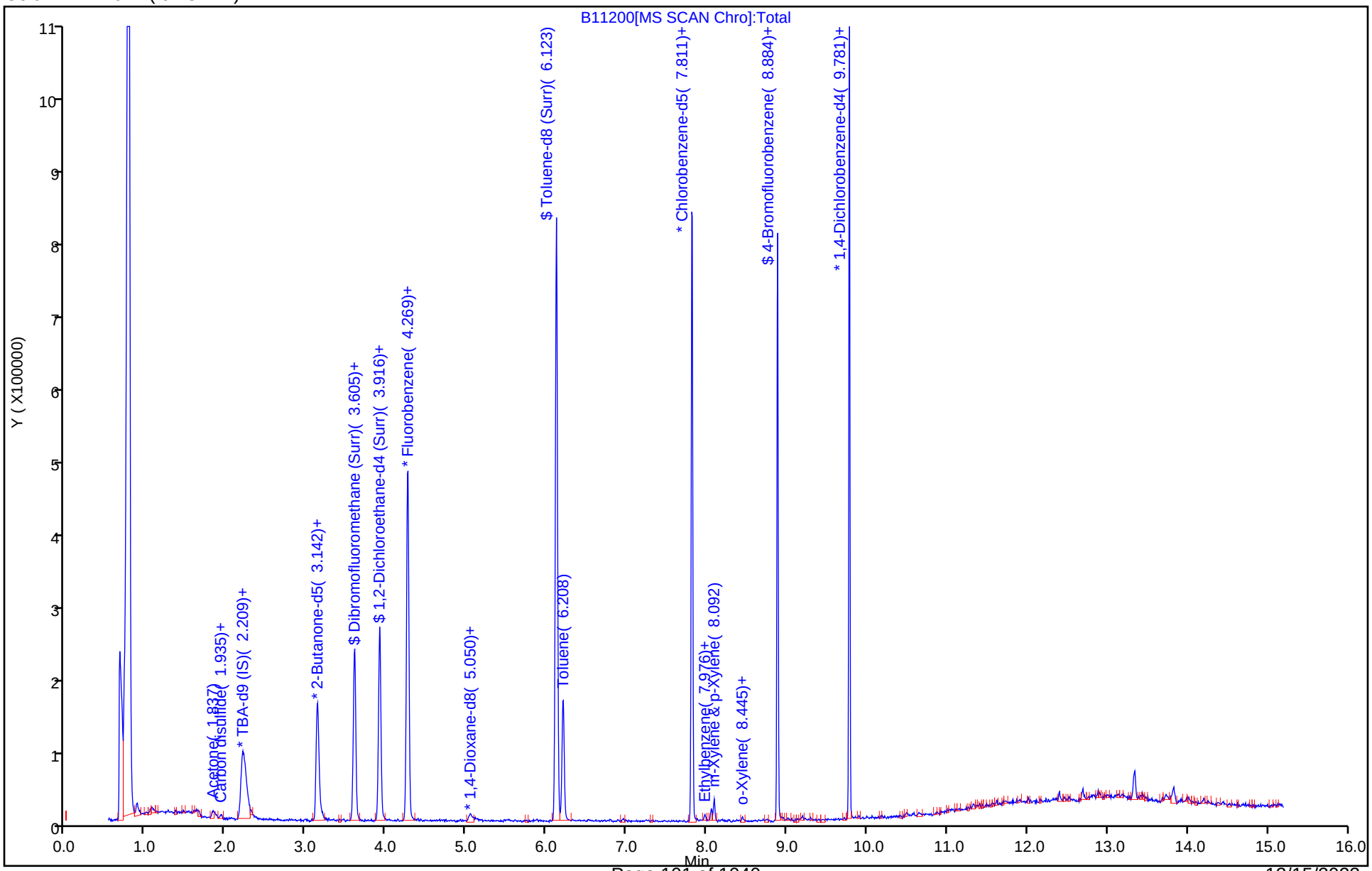
Report Date: 14-Dec-2023 12:32:22 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 | Worklist Smp#: | 16 |
| Client ID: | SB-1 (12-13) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | | | |
| Lims ID: | 460-294432-D-3-A | | | | |
| Client ID: | SB-1 (12-13) | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 14-Dec-2023 12:13:30 | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-294432-D-3-A | | | | |
| Misc. Info.: | 460-0170114-016 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS2 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 14-Dec-2023 12:32:21 | Calib Date: | 16-Nov-2023 22:39:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D | | | | |
| Column 1 : | DB-624 ( 0.18 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1654 | | | | |

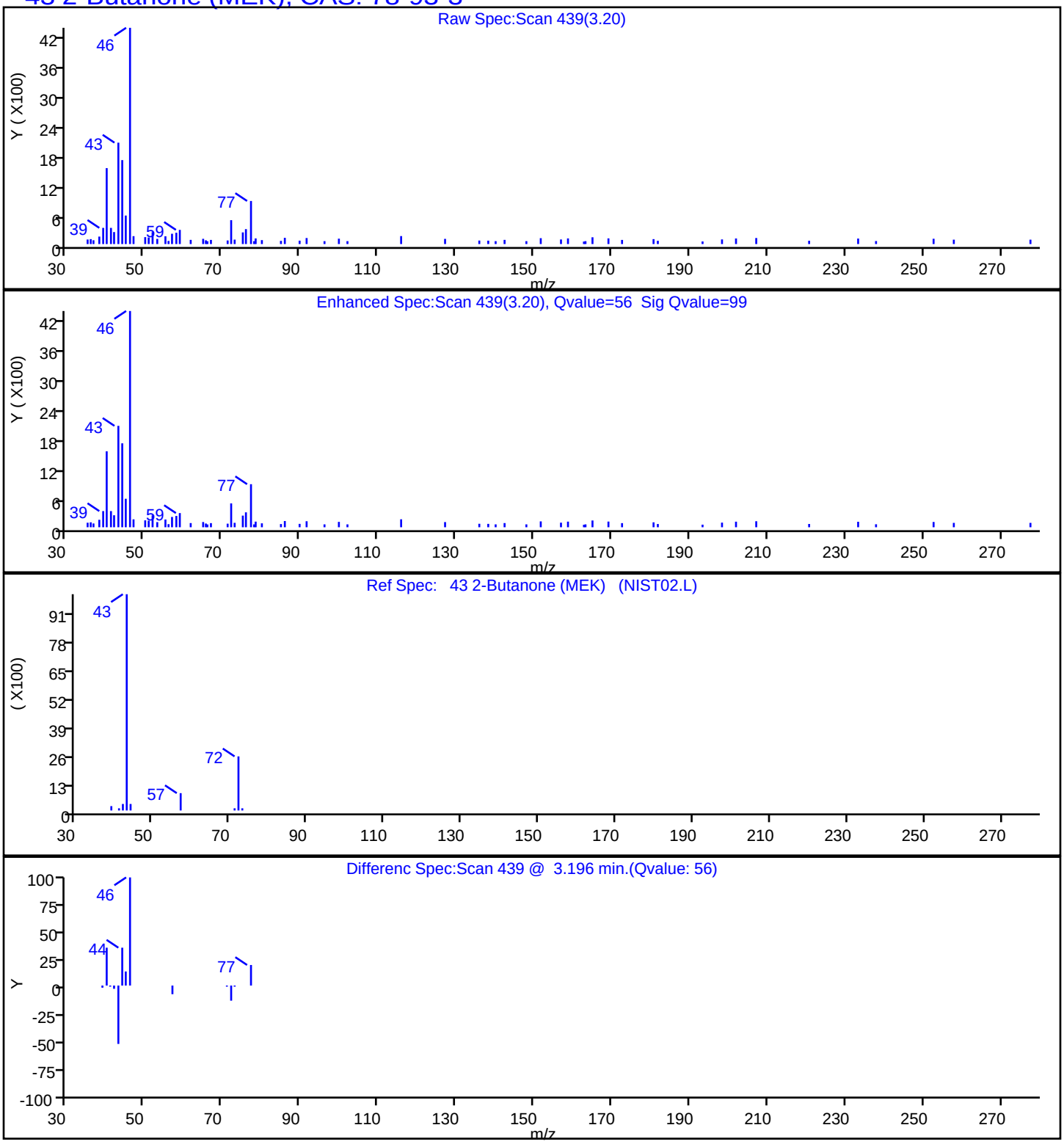
First Level Reviewer: NN6A Date: 14-Dec-2023 12:32:21

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 59.8 | 119.56 |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 50.0 | 64.7 | 129.37 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 50.9 | 101.72 |
| $ 103 4-Bromofluorobenzene | 50.0 | 50.3 | 100.52 |

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 | | |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 | | |
| Client ID: | SB-1 (12-13) | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN | | |

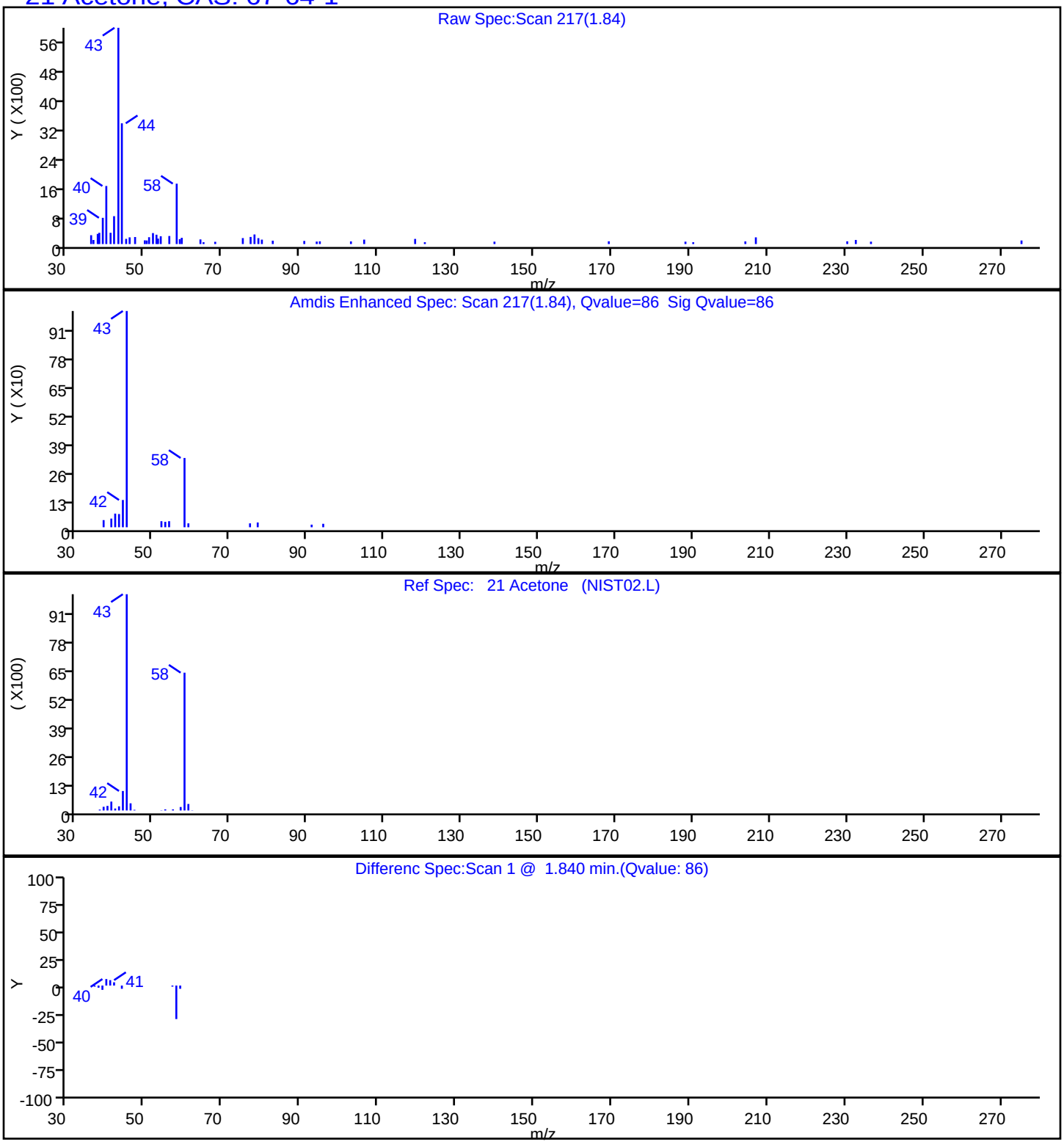
## 43 2-Butanone (MEK), CAS: 78-93-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D
Injection Date: 14-Dec-2023 12:13:30 Instrument ID: CVOAMS2
Lims ID: 460-294432-D-3-A Lab Sample ID: 460-294432-3
Client ID: SB-1 (12-13)
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

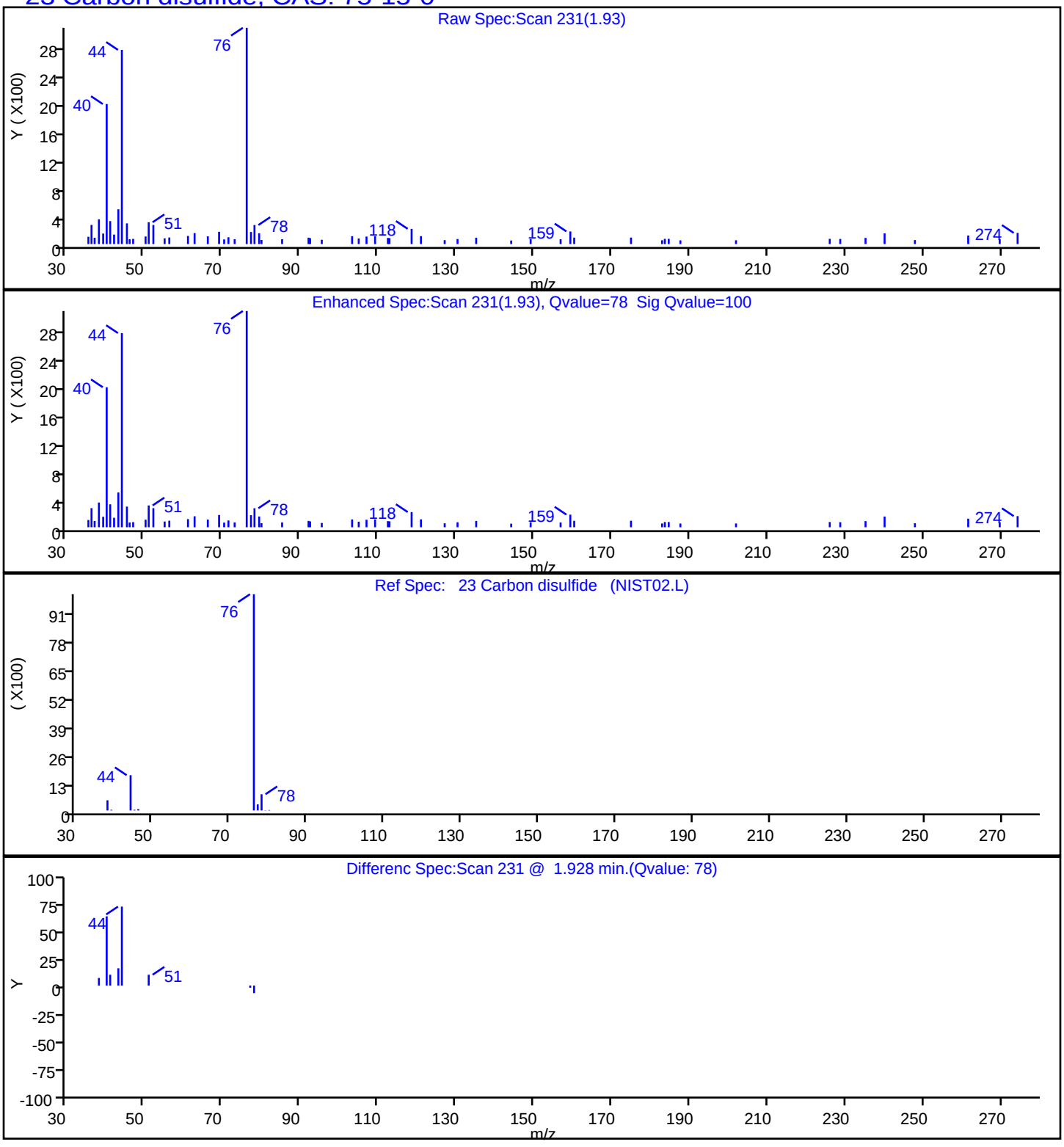
## 21 Acetone, CAS: 67-64-1



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 | | |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 | | |
| Client ID: | SB-1 (12-13) | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN | | |

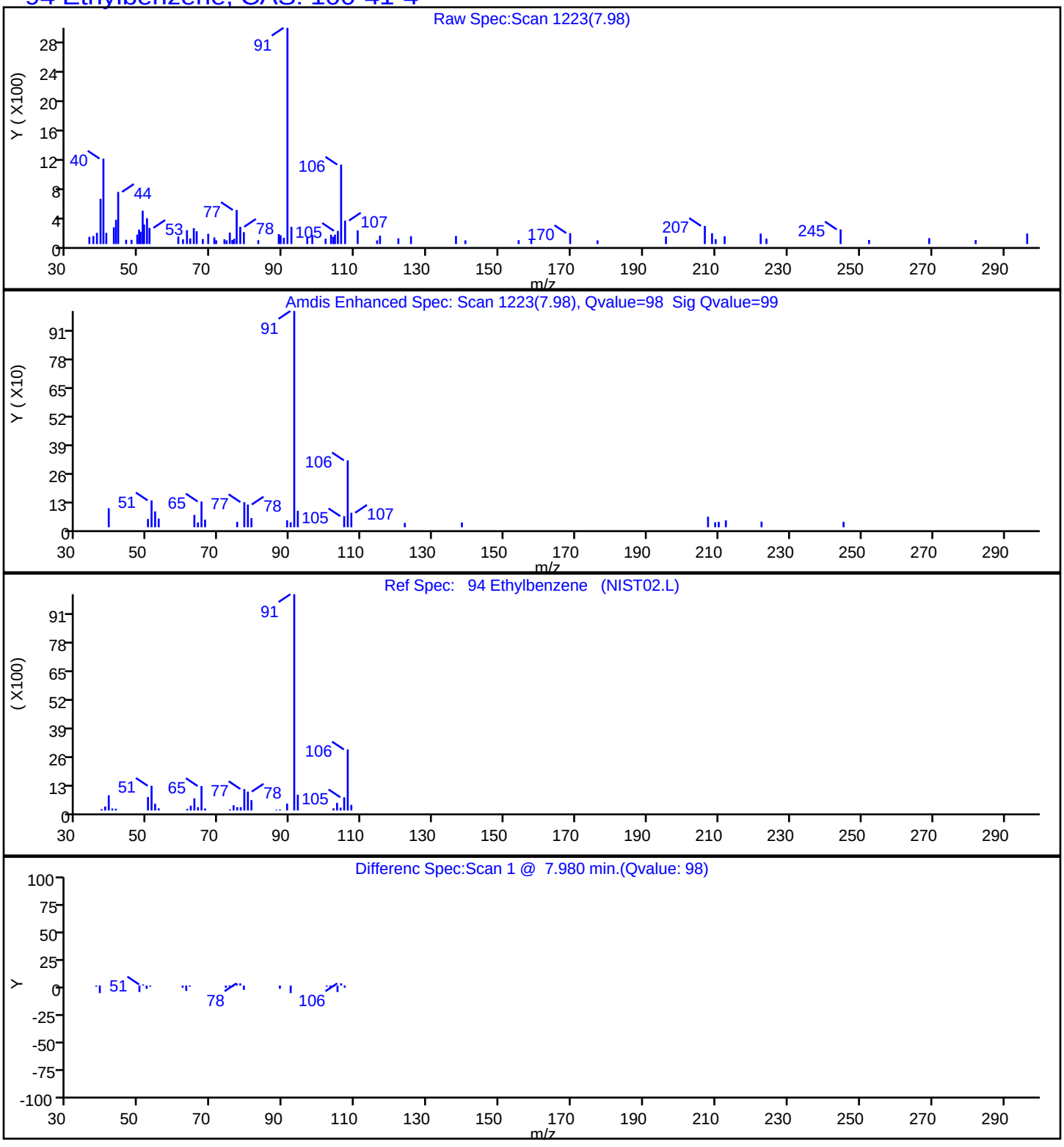
## 23 Carbon disulfide, CAS: 75-15-0



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D
Injection Date: 14-Dec-2023 12:13:30 Instrument ID: CVOAMS2
Lims ID: 460-294432-D-3-A Lab Sample ID: 460-294432-3
Client ID: SB-1 (12-13)
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

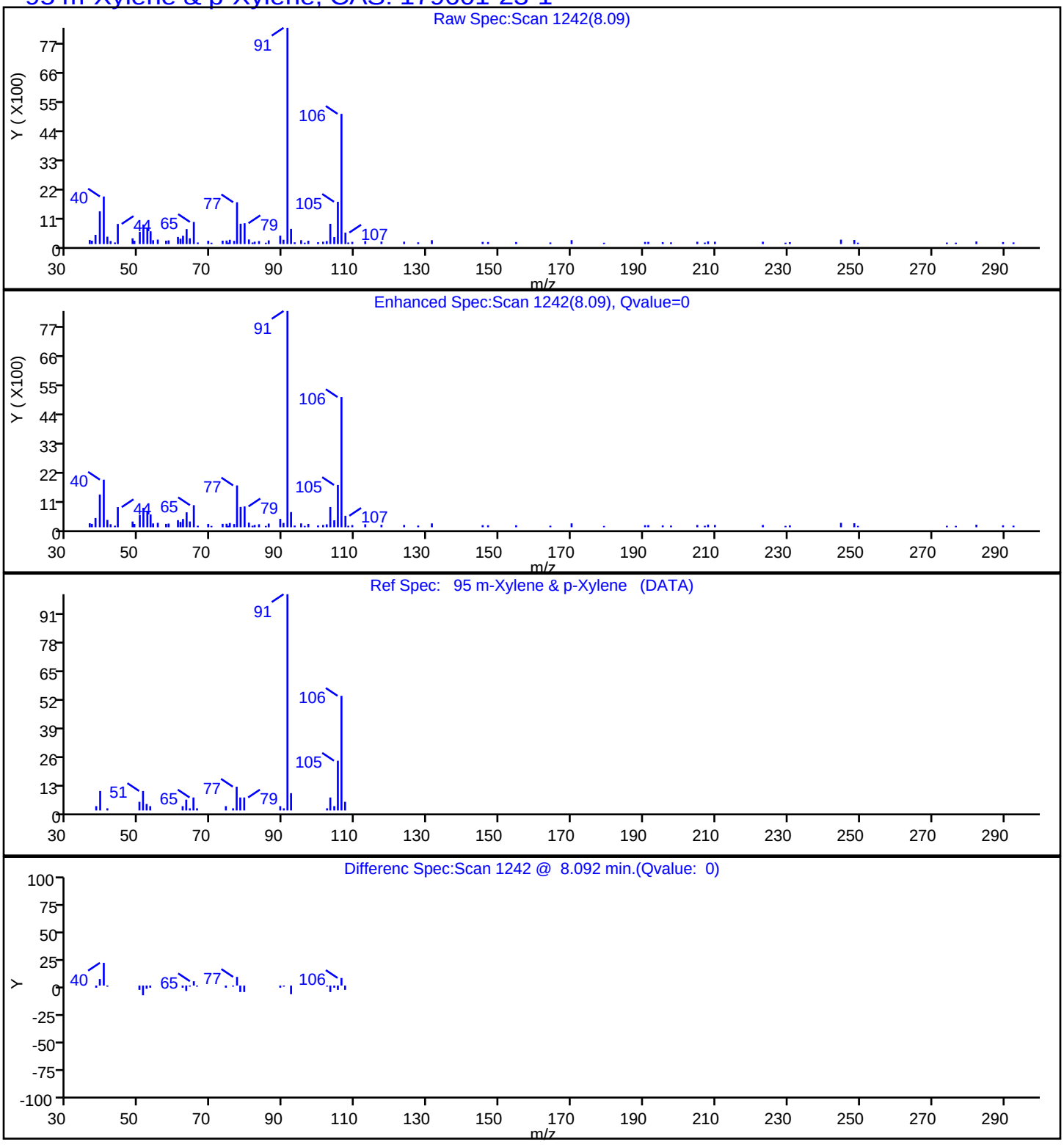
## 94 Ethylbenzene, CAS: 100-41-4



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 | | |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 | | |
| Client ID: | SB-1 (12-13) | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN | | |

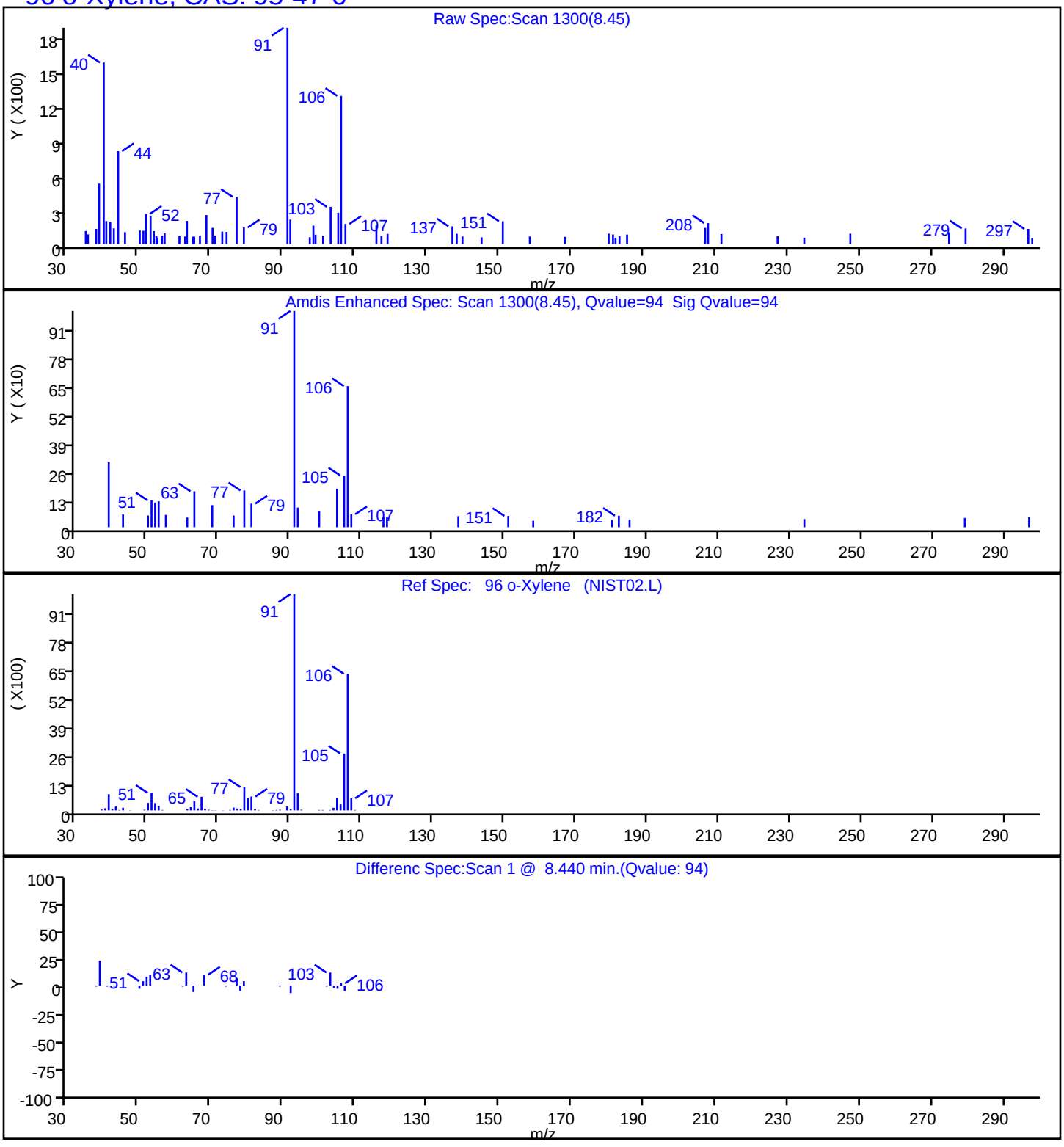
## 95 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D
Injection Date: 14-Dec-2023 12:13:30 Instrument ID: CVOAMS2
Lims ID: 460-294432-D-3-A Lab Sample ID: 460-294432-3
Client ID: SB-1 (12-13)
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 96 o-Xylene, CAS: 95-47-6



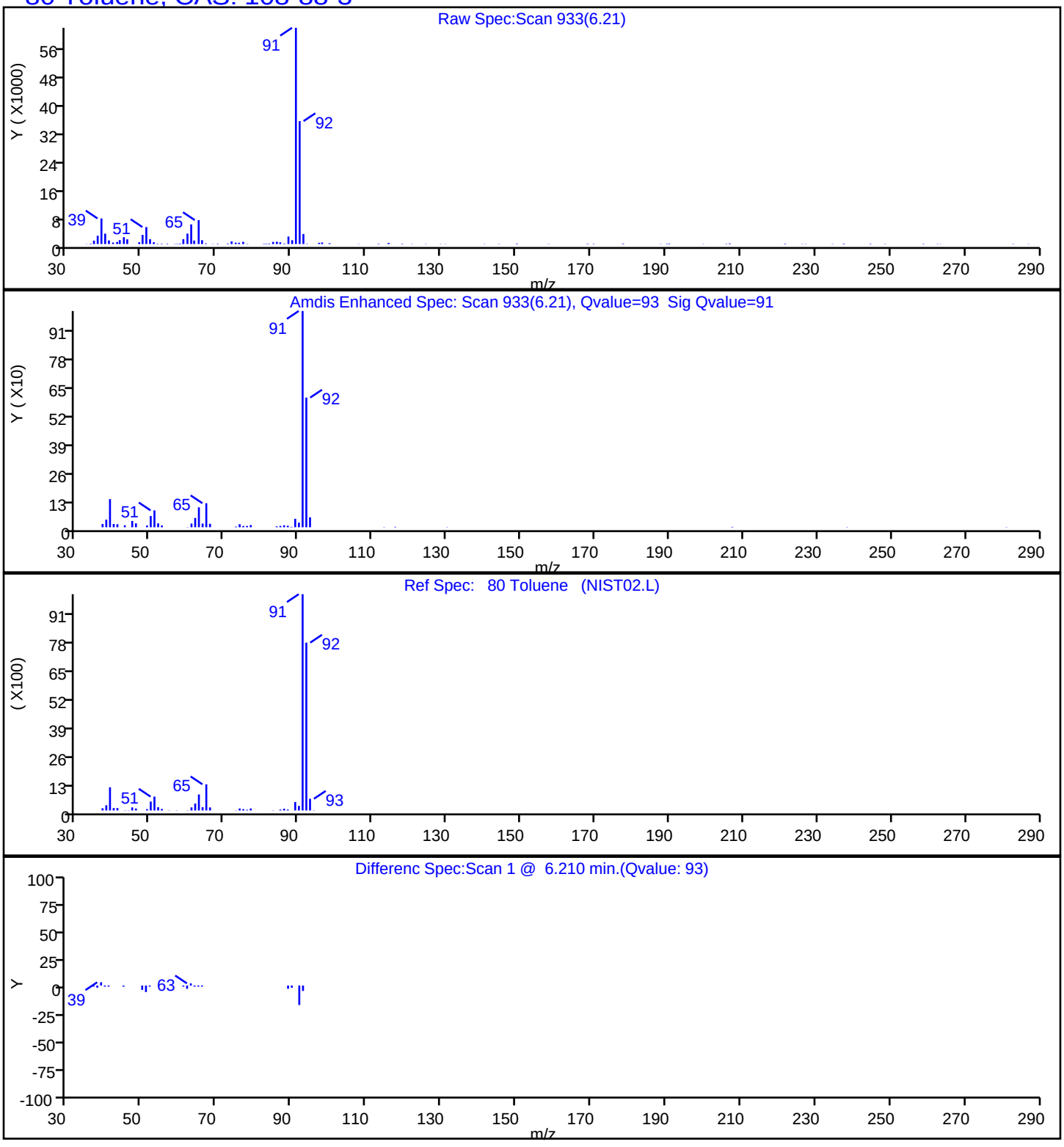
Report Date: 14-Dec-2023 12:32:22 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D

| | | | |
|---|---|---|---|
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 |
| Client ID: | SB-1 (12-13) | | |
| Operator ID: | | ALS Bottle#: | 16 Worklist Smp#: 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN |

## 80 Toluene, CAS: 108-88-3



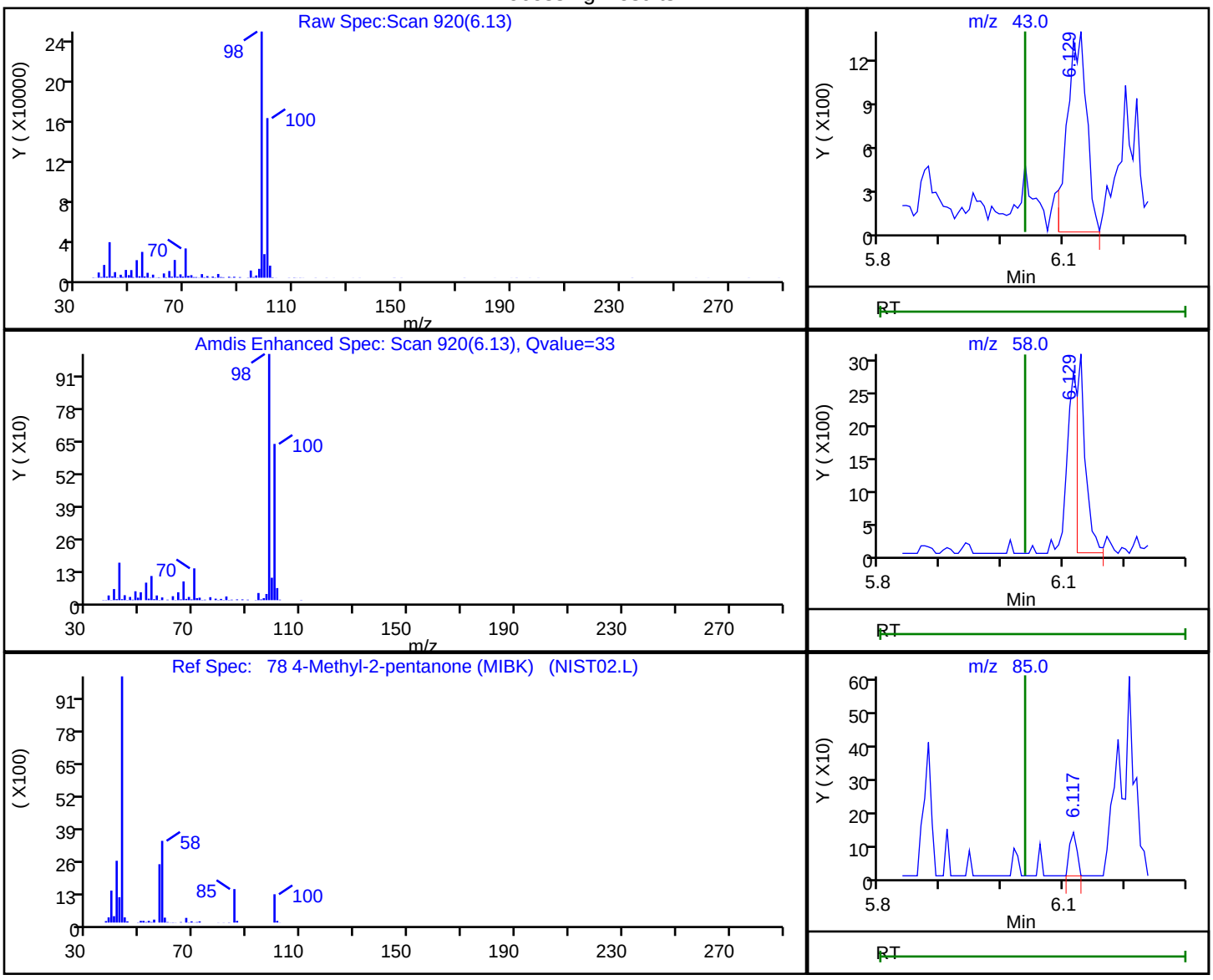
User Disabled Compound Report

Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 |
| Client ID: | SB-1 (12-13) | | |
| Operator ID: | | ALS Bottle#: | 16 Worklist Smp#: 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN |

## 78 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.13 | 43.00 | 2981 | 1.321918 |
| 6.13 | 58.00 | 3108 | |
| 6.12 | 85.00 | 110 | |
| 6.12 | 100.00 | 336852 | |

Reviewer: NN6A, 14-Dec-2023 12:31:55 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

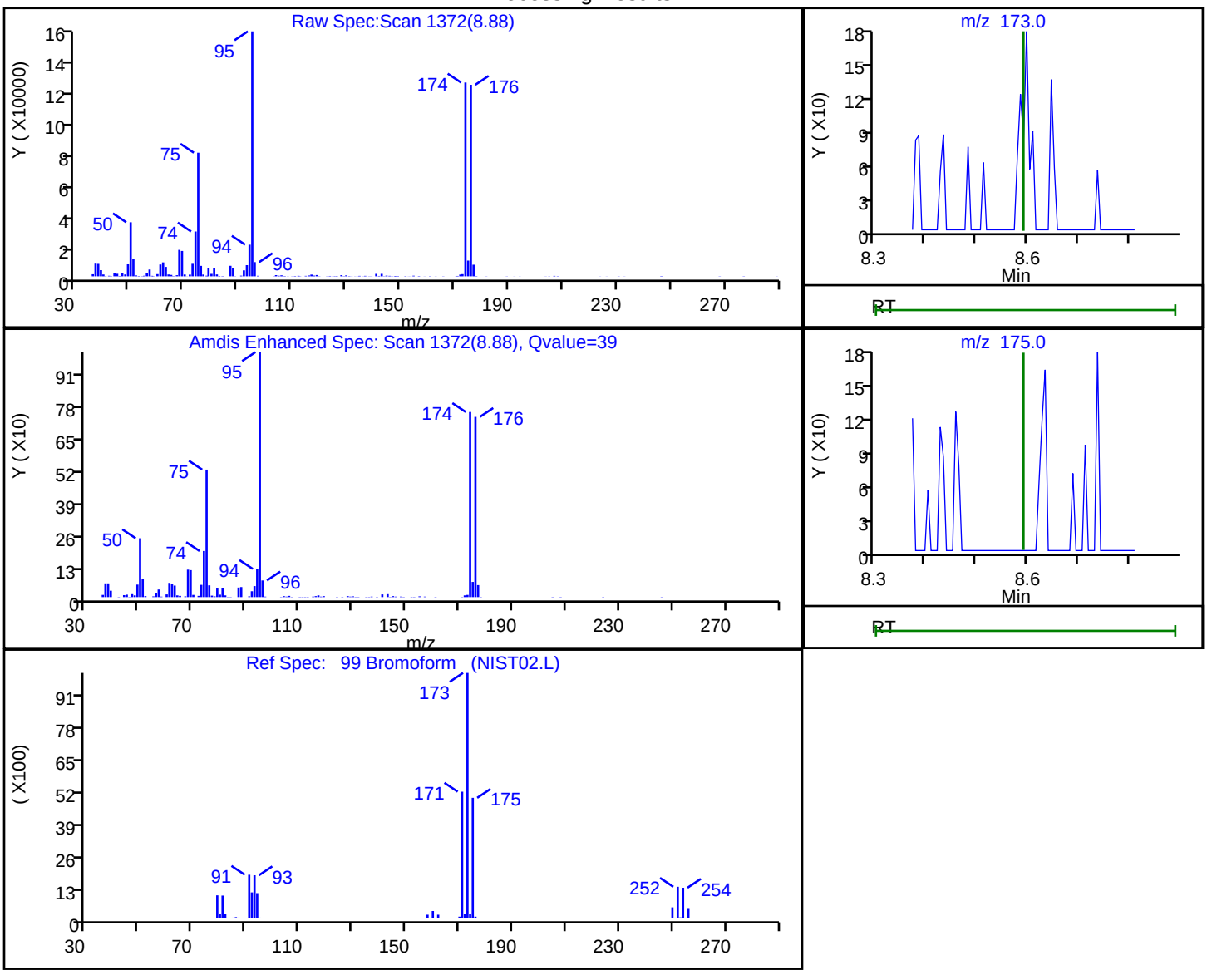
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 | | |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 | | |
| Client ID: | SB-1 (12-13) | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN | | |

## 99 Bromoform, CAS: 75-25-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.88 | 173.00 | 1643 | 1.410115 |
| 8.88 | 175.00 | 10301 | |

Reviewer: NN6A, 14-Dec-2023 12:32:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

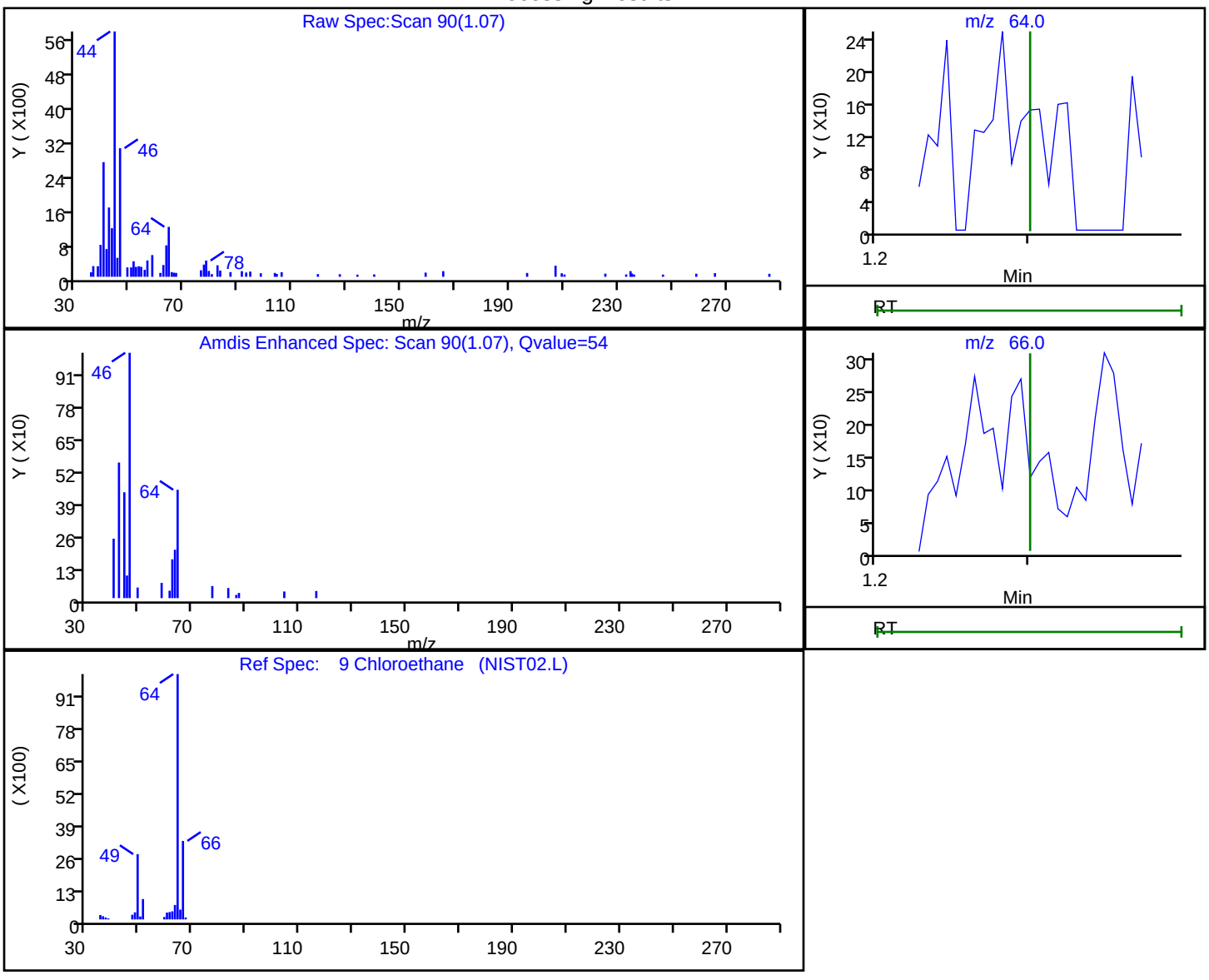
User Disabled Compound Report

Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 |
| Client ID: | SB-1 (12-13) | | |
| Operator ID: | | ALS Bottle#: | 16 Worklist Smp#: 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN |

## 9 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.07 | 64.00 | 1848 | 1.215208 |
| 1.06 | 66.00 | 132 | |

Reviewer: NN6A, 14-Dec-2023 12:31:44 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

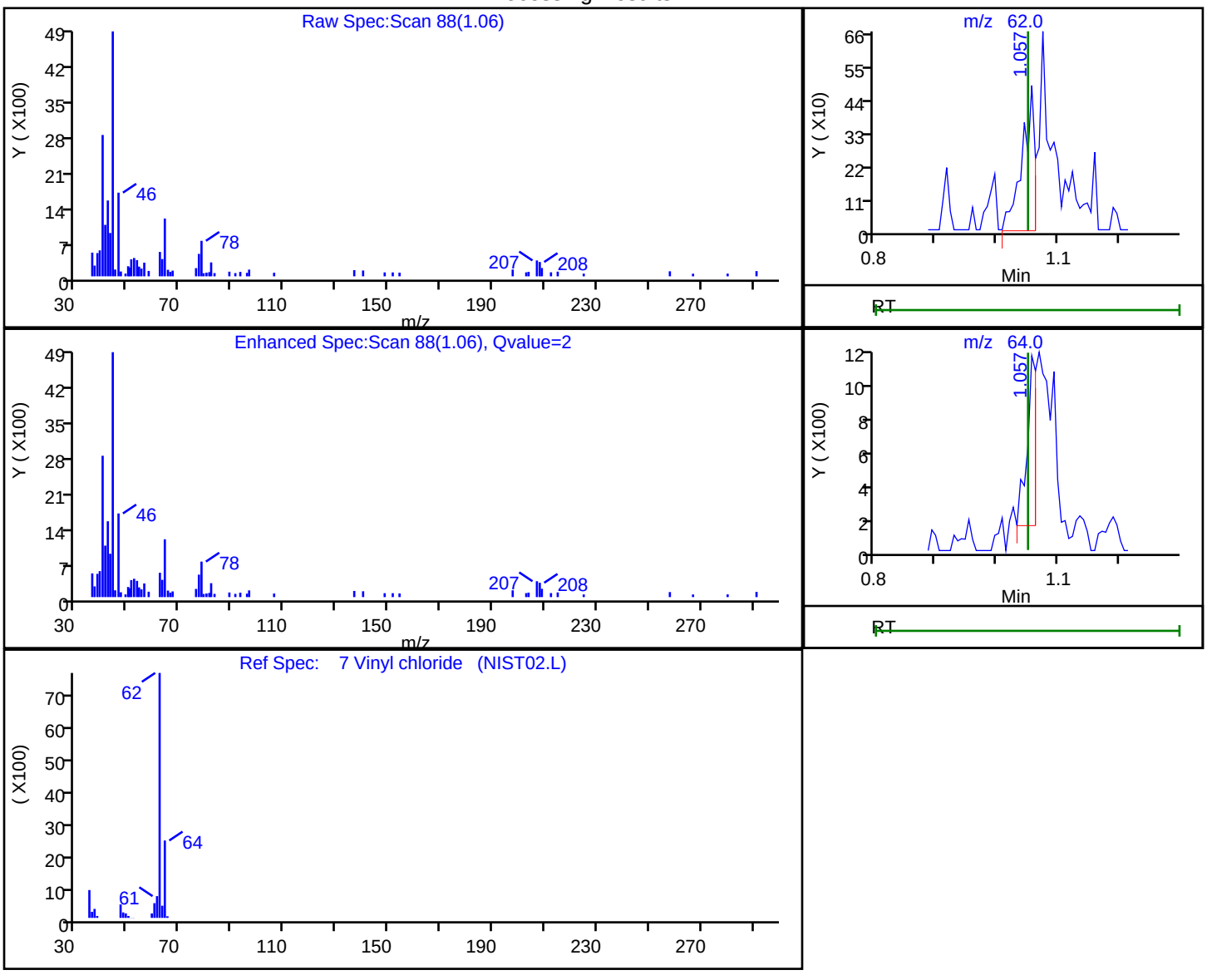
User Disabled Compound Report

Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 |
| Client ID: | SB-1 (12-13) | | |
| Operator ID: | | ALS Bottle#: | 16 Worklist Smp#: 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN |

## 7 Vinyl chloride, CAS: 75-01-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.06 | 62.00 | 685 | 0.244164 |
| 1.06 | 64.00 | 1061 | |

Reviewer: NN6A, 14-Dec-2023 12:31:42 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

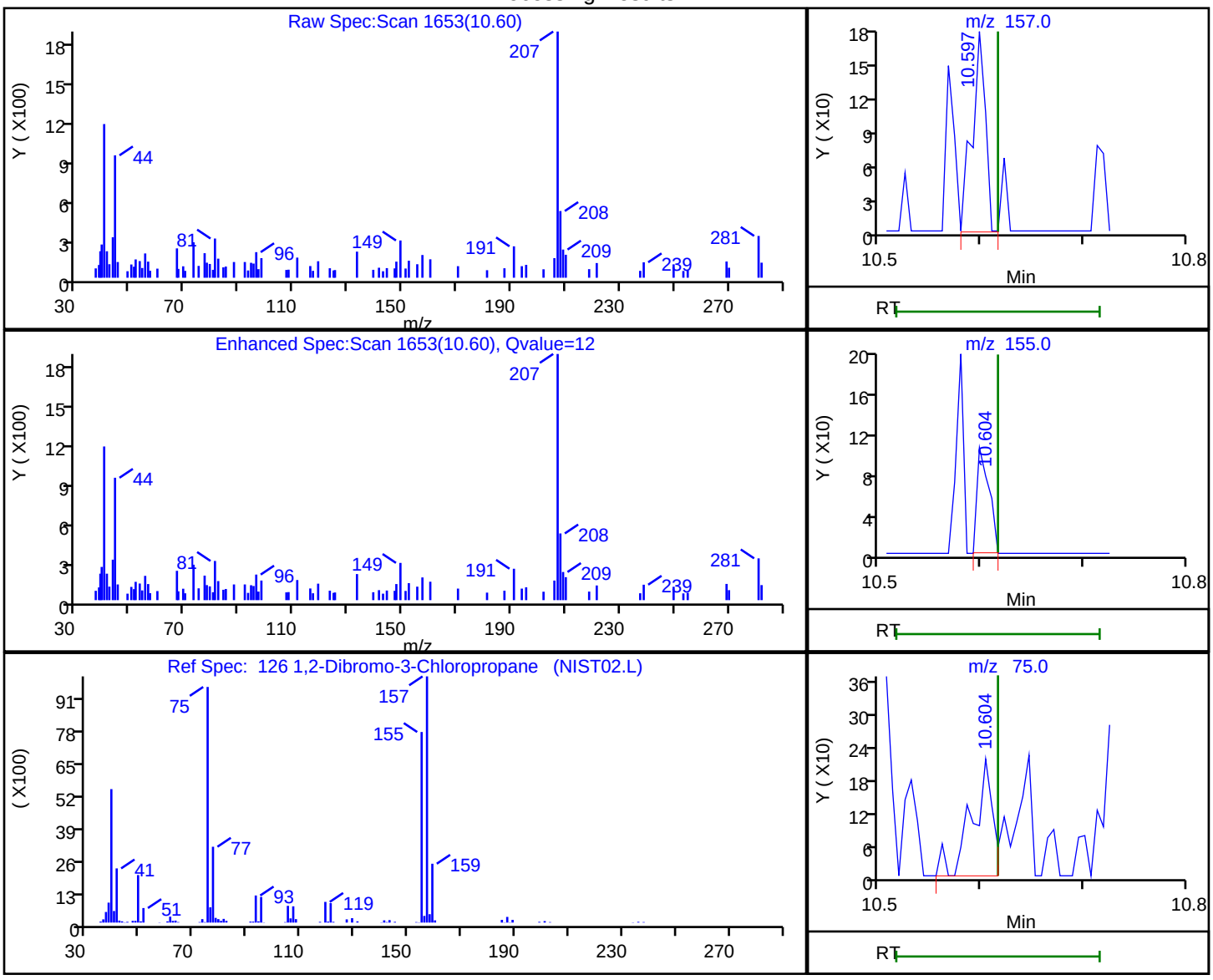
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 | | |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 | | |
| Client ID: | SB-1 (12-13) | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN | | |

## 126 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.60 | 157.00 | 158 | 0.408883 |
| 10.60 | 155.00 | 86 | |
| 10.60 | 75.00 | 298 | |

Reviewer: NN6A, 14-Dec-2023 12:32:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

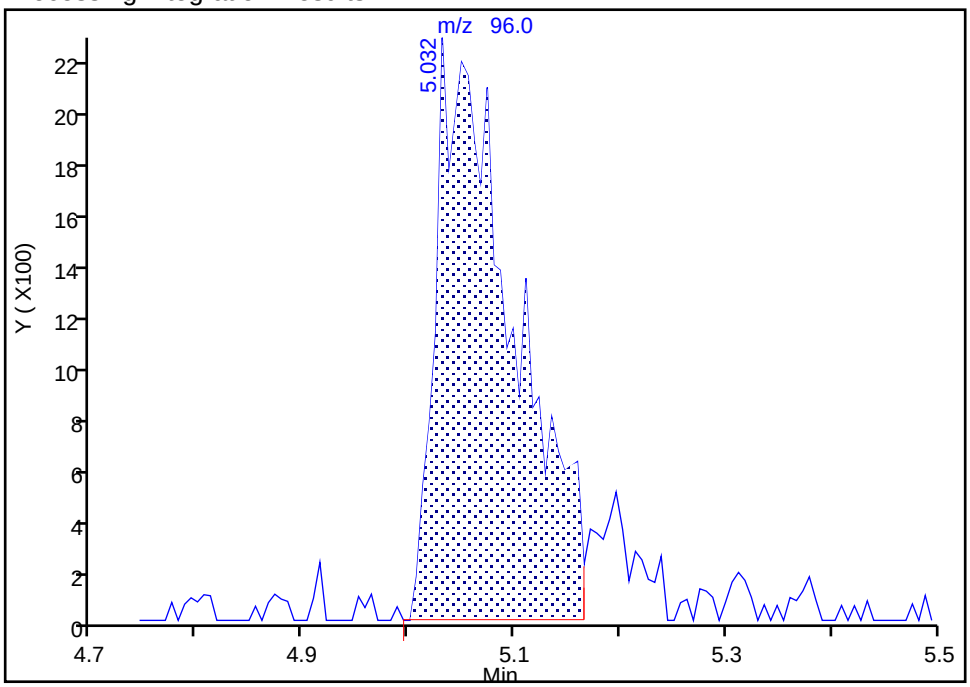
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11200.D | | |
| Injection Date: | 14-Dec-2023 12:13:30 | Instrument ID: | CVOAMS2 |
| Lims ID: | 460-294432-D-3-A | Lab Sample ID: | 460-294432-3 |
| Client ID: | SB-1 (12-13) | | |
| Operator ID: | | ALS Bottle#: | 16 Worklist Smp#: 16 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN |

## * 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

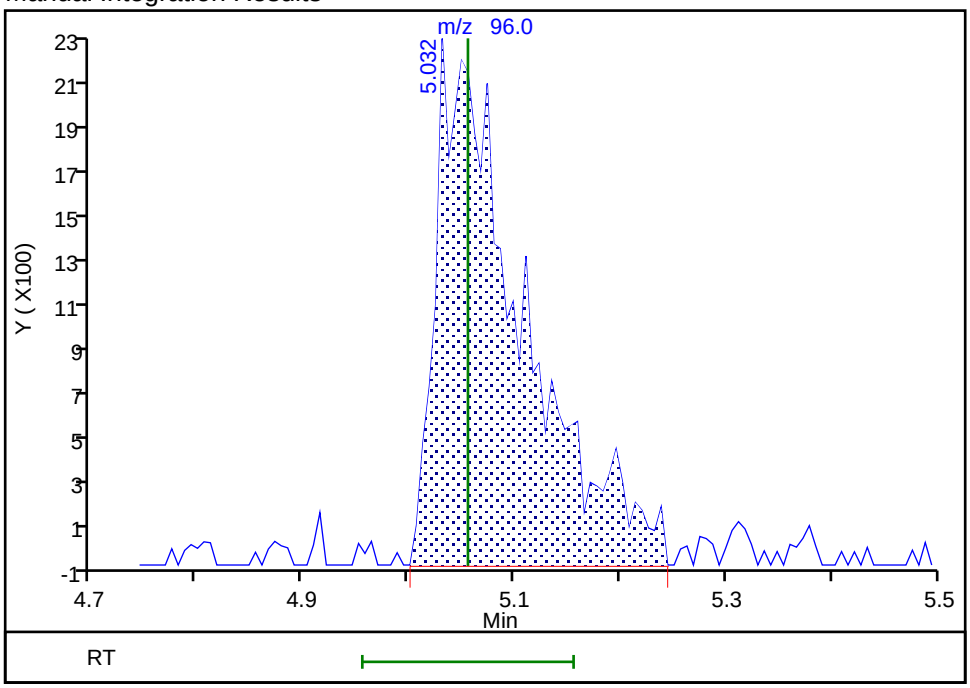
Processing Integration Results

RT: 5.03
Area: 11460
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.03
Area: 12747
Amount: 1000.0000
Amount Units: ug/l




Reviewer: NN6A, 14-Dec-2023 12:31:37 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-2 (12-13) | Lab Sample ID: 460-294432-4

Matrix: Solid | Lab File ID: D10444.D

Analysis Method: 8260D | Date Collected: 12/12/2023 10:20

Sample wt/vol: 6.01(g) | Date Analyzed: 12/13/2023 15:08

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) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.85 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.85 | 0.18 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.25 | U | 0.85 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.15 | U | 0.85 | 0.15 |
| 75-34-3 | 1,1-Dichloroethane | 0.17 | U | 0.85 | 0.17 |
| 75-35-4 | 1,1-Dichloroethene | 0.19 | U | 0.85 | 0.19 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.15 | U | 0.85 | 0.15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.30 | U | 0.85 | 0.30 |
| 78-87-5 | 1,2-Dichloropropane | 0.36 | U | 0.85 | 0.36 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.31 | U | 0.85 | 0.31 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.85 | 0.19 |
| 123-91-1 | 1,4-Dioxane | 7.8 | U | 85 | 7.8 |
| 78-93-3 | 2-Butanone (MEK) | 0.31 | U | 4.2 | 0.31 |
| 591-78-6 | 2-Hexanone | 1.4 | U | 4.2 | 1.4 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.2 | 1.3 |
| 67-64-1 | Acetone | 4.8 | U | 5.1 | 4.8 |
| 71-43-2 | Benzene | 0.22 | U | 0.85 | 0.22 |
| 75-25-2 | Bromoform | 0.36 | U | 0.85 | 0.36 |
| 74-83-9 | Bromomethane | 0.85 | U | 1.7 | 0.85 |
| 75-15-0 | Carbon disulfide | 0.23 | U | 0.85 | 0.23 |
| 56-23-5 | Carbon tetrachloride | 0.33 | U | 0.85 | 0.33 |
| 108-90-7 | Chlorobenzene | 0.15 | U | 0.85 | 0.15 |
| 74-97-5 | Chlorobromomethane | 0.24 | U | 0.85 | 0.24 |
| 124-48-1 | Chlorodibromomethane | 0.16 | U | 0.85 | 0.16 |
| 75-00-3 | Chloroethane | 0.44 | U | 0.85 | 0.44 |
| 67-66-3 | Chloroform | 0.82 | U | 0.85 | 0.82 |
| 74-87-3 | Chloromethane | 0.37 | U | 0.85 | 0.37 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.30 | U | 0.85 | 0.30 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.23 | U | 0.85 | 0.23 |
| 110-82-7 | Cyclohexane | 0.19 | U | 0.85 | 0.19 |
| 75-27-4 | Dichlorobromomethane | 0.22 | U | 0.85 | 0.22 |
| 75-71-8 | Dichlorodifluoromethane | 0.29 | U | 0.85 | 0.29 |
| 100-41-4 | Ethylbenzene | 0.82 | J | 0.85 | 0.17 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-2 (12-13) | Lab Sample ID: 460-294432-4

Matrix: Solid | Lab File ID: D10444.D

Analysis Method: 8260D | Date Collected: 12/12/2023 10:20

Sample wt/vol: 6.01(g) | Date Analyzed: 12/13/2023 15:08

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) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.15 | U | 0.85 | 0.15 |
| 98-82-8 | Isopropylbenzene | 0.24 | U | 0.85 | 0.24 |
| 79-20-9 | Methyl acetate | 3.6 | U | 4.2 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.43 | U | 0.85 | 0.43 |
| 108-87-2 | Methylcyclohexane | 0.42 | U | 0.85 | 0.42 |
| 75-09-2 | Methylene Chloride | 0.97 | U | 1.7 | 0.97 |
| 179601-23-1 | m-Xylene & p-Xylene | 2.8 | | 0.85 | 0.15 |
| 95-47-6 | o-Xylene | 0.29 | J | 0.85 | 0.16 |
| 100-42-5 | Styrene | 0.24 | U | 0.85 | 0.24 |
| 127-18-4 | Tetrachloroethene | 0.26 | U | 0.85 | 0.26 |
| 108-88-3 | Toluene | 0.51 | J | 0.85 | 0.20 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.21 | U | 0.85 | 0.21 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.23 | U | 0.85 | 0.23 |
| 79-01-6 | Trichloroethene | 0.27 | U | 0.85 | 0.27 |
| 75-69-4 | Trichlorofluoromethane | 0.34 | U | 0.85 | 0.34 |
| 75-01-4 | Vinyl chloride | 0.46 | U | 0.85 | 0.46 |
| 107-06-2 | 1,2-Dichloroethane | 0.25 | U | 0.85 | 0.25 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.31 | U | 0.85 | 0.31 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.39 | U | 0.85 | 0.39 |
| 108-21-4 | Isopropyl acetate | 0.26 | U | 1.7 | 0.26 |
| 123-86-4 | n-Butyl acetate | 0.78 | U | 1.7 | 0.78 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 99 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 105 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 107 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10444.D
Lims ID: 460-294432-C-4-A
Client ID: SB-2 (12-13)
Sample Type: Client
Inject. Date: 13-Dec-2023 15:08:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-4-A
Misc. Info.: 460-0170079-017
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 09:18:02 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:18:02

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 165722 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 75 | 133140 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.281 | 5.282 | -0.001 | 96 | 208123 | 53.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 97 | 205411 | 49.5 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 504582 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.908 | 6.908 | 0.000 | 0 | 13789 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.875 | 7.875 | -0.001 | 99 | 762064 | 50.3 | |
| 81 Toluene | 91 | 7.939 | 7.939 | 0.000 | 93 | 12038 | 0.6005 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 333045 | 50.0 | |
| 93 Ethylbenzene | 106 | 9.321 | 9.321 | 0.000 | 98 | 6421 | 0.9675 | |
| 95 m-Xylene & p-Xylene | 106 | 9.422 | 9.422 | 0.000 | 0 | 26547 | 3.27 | |
| 97 o-Xylene | 106 | 9.751 | 9.751 | 0.000 | 92 | 2618 | 0.3421 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 213834 | 52.5 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 172880 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

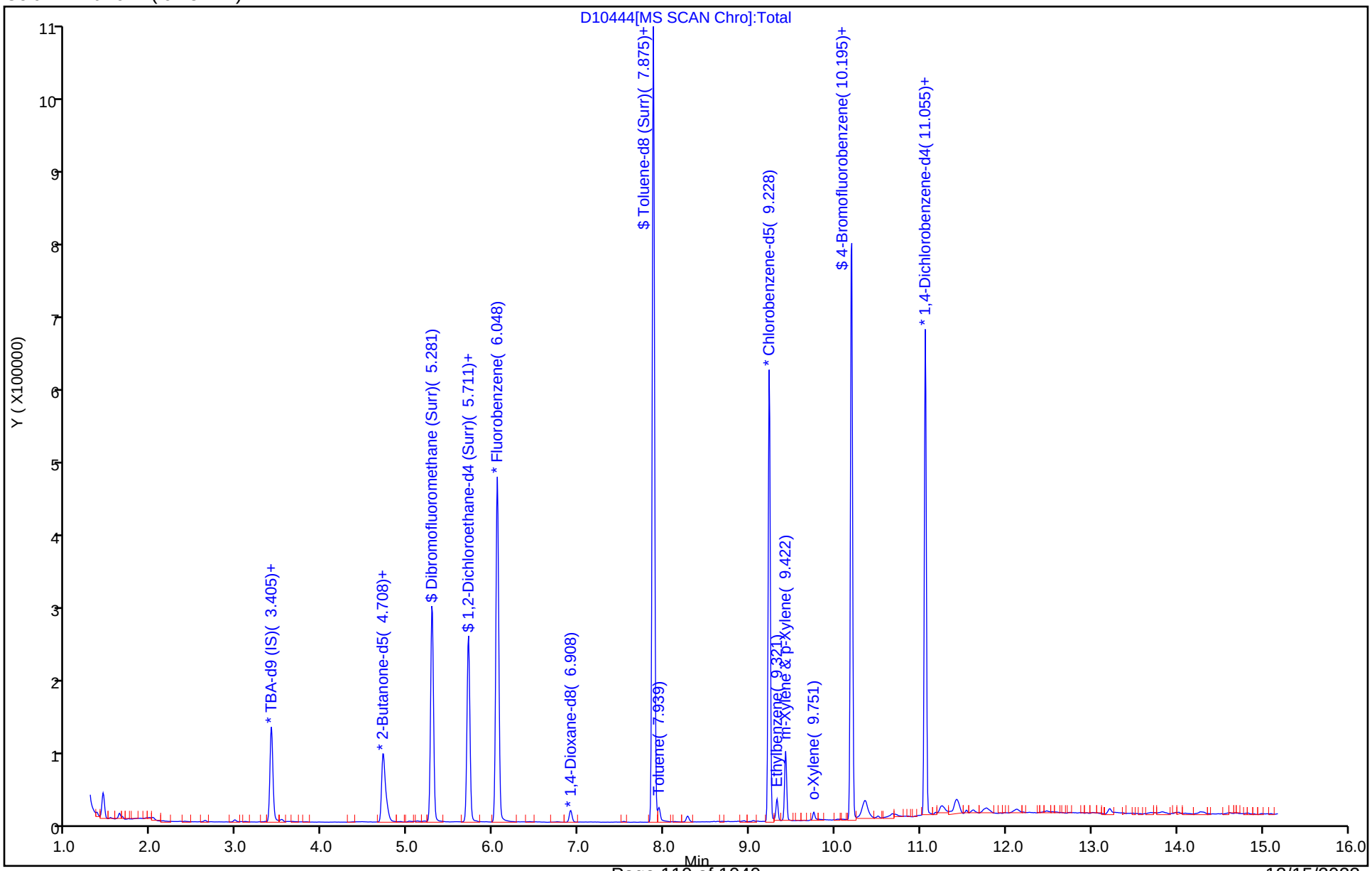
Report Date: 14-Dec-2023 09:18:02 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10444.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 15:08:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-294432-C-4-A | Lab Sample ID: | 460-294432-4 | Worklist Smp#: | 17 |
| Client ID: | SB-2 (12-13) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10444.D
Lims ID: 460-294432-C-4-A
Client ID: SB-2 (12-13)
Sample Type: Client
Inject. Date: 13-Dec-2023 15:08:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-4-A
Misc. Info.: 460-0170079-017
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 09:18:02 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1645

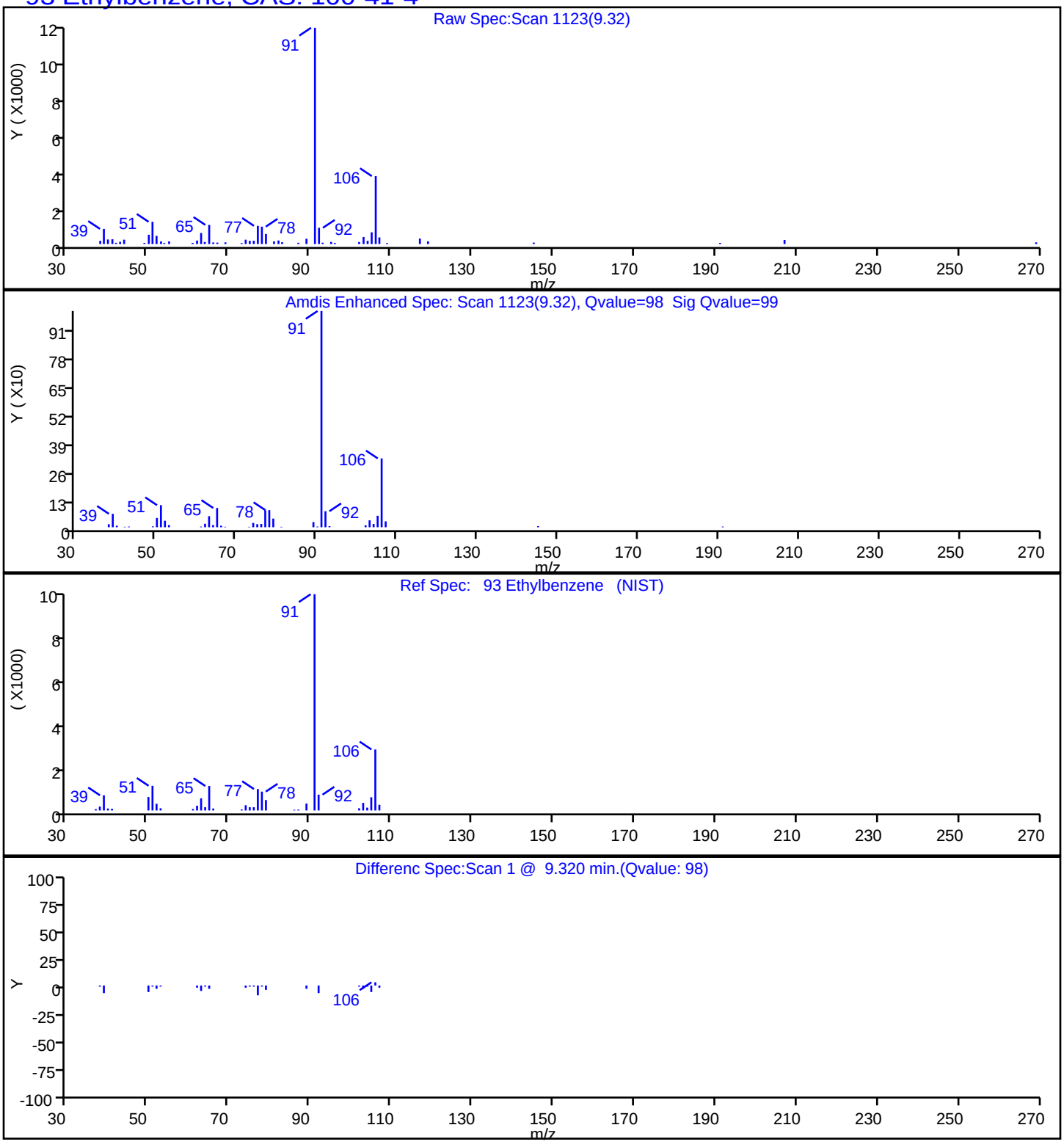
First Level Reviewer: N1JZ Date: 14-Dec-2023 09:18:02

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 53.3 | 106.53 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.5 | 99.07 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.3 | 100.51 |
| $ 102 4-Bromofluorobenzene | 50.0 | 52.5 | 105.06 |

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10444.D | | | | |
| Injection Date: | 13-Dec-2023 15:08:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-294432-C-4-A | Lab Sample ID: | 460-294432-4 | | |
| Client ID: | SB-2 (12-13) | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

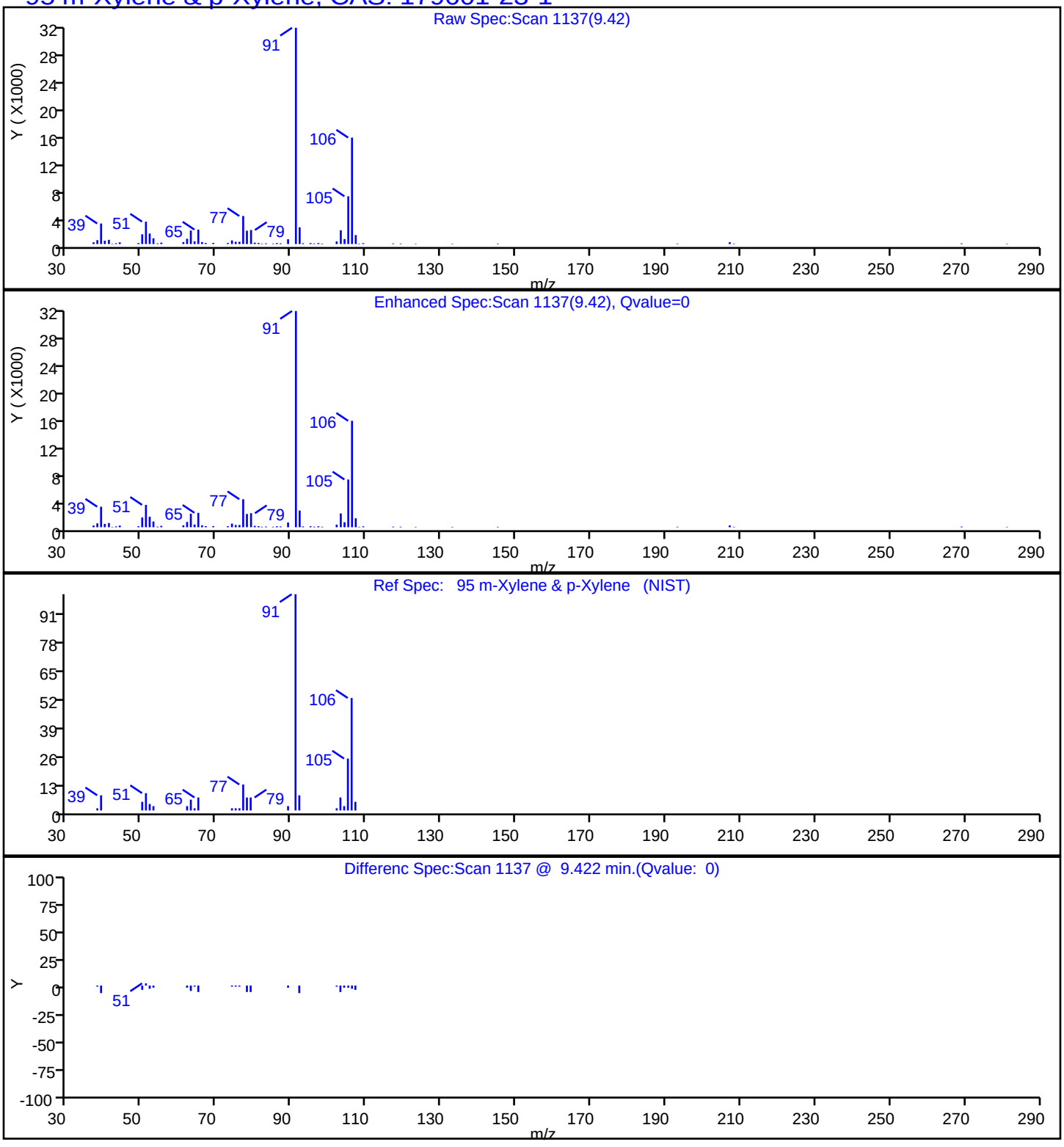
## 93 Ethylbenzene, CAS: 100-41-4



Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10444.D | | |
| Injection Date: | 13-Dec-2023 15:08:30 | Instrument ID: | CVOAMS4 |
| Lims ID: | 460-294432-C-4-A | Lab Sample ID: | 460-294432-4 |
| Client ID: | SB-2 (12-13) | | |
| Operator ID: | | ALS Bottle#: | 17 Worklist Smp#: 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

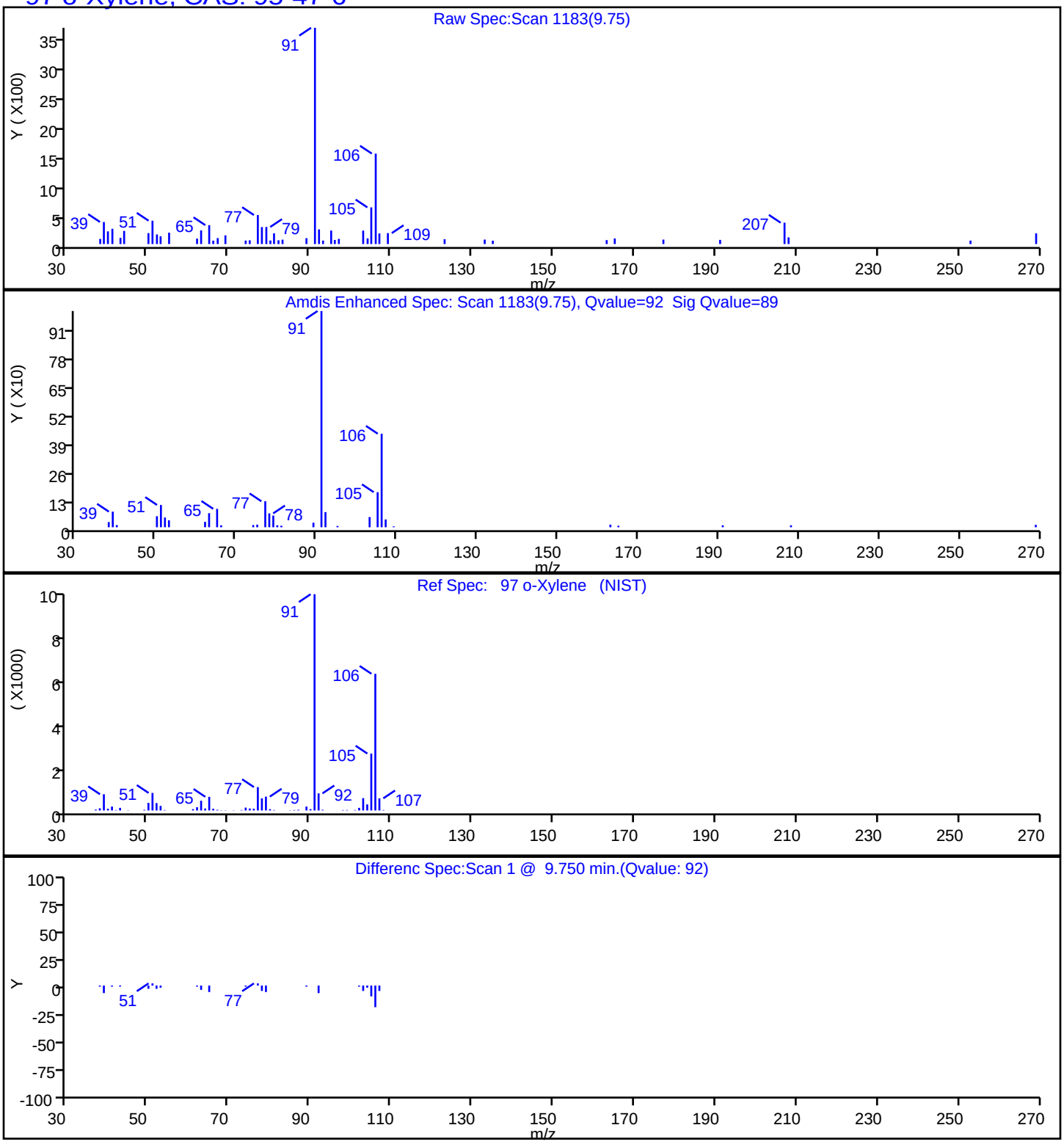
## 95 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10444.D
Injection Date: 13-Dec-2023 15:08:30 Instrument ID: CVOAMS4
Lims ID: 460-294432-C-4-A Lab Sample ID: 460-294432-4
Client ID: SB-2 (12-13)
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 97 o-Xylene, CAS: 95-47-6



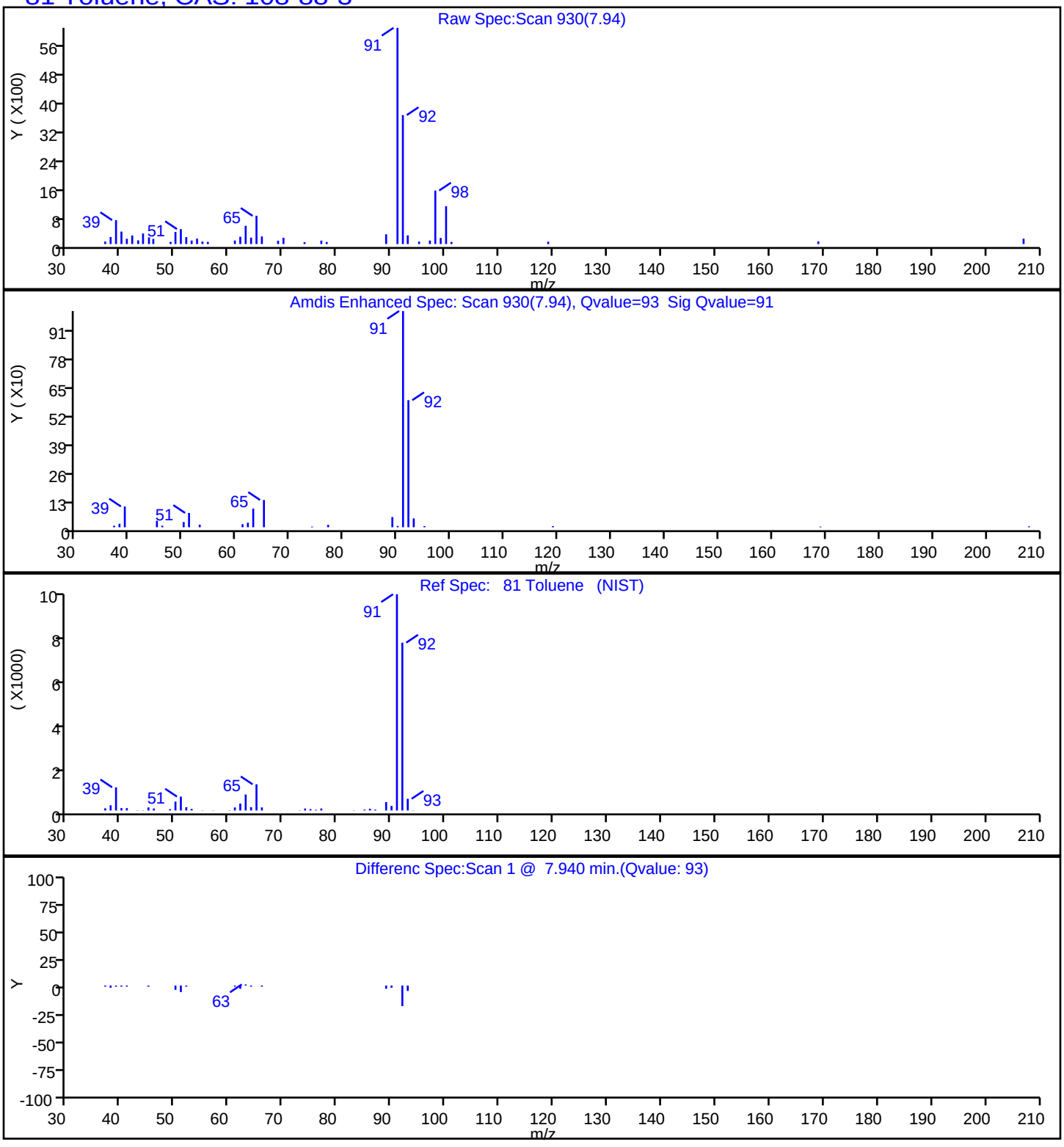
Report Date: 14-Dec-2023 09:18:02 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10444.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 15:08:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-294432-C-4-A | Lab Sample ID: | 460-294432-4 | | |
| Client ID: | SB-2 (12-13) | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 81 Toluene, CAS: 108-88-3



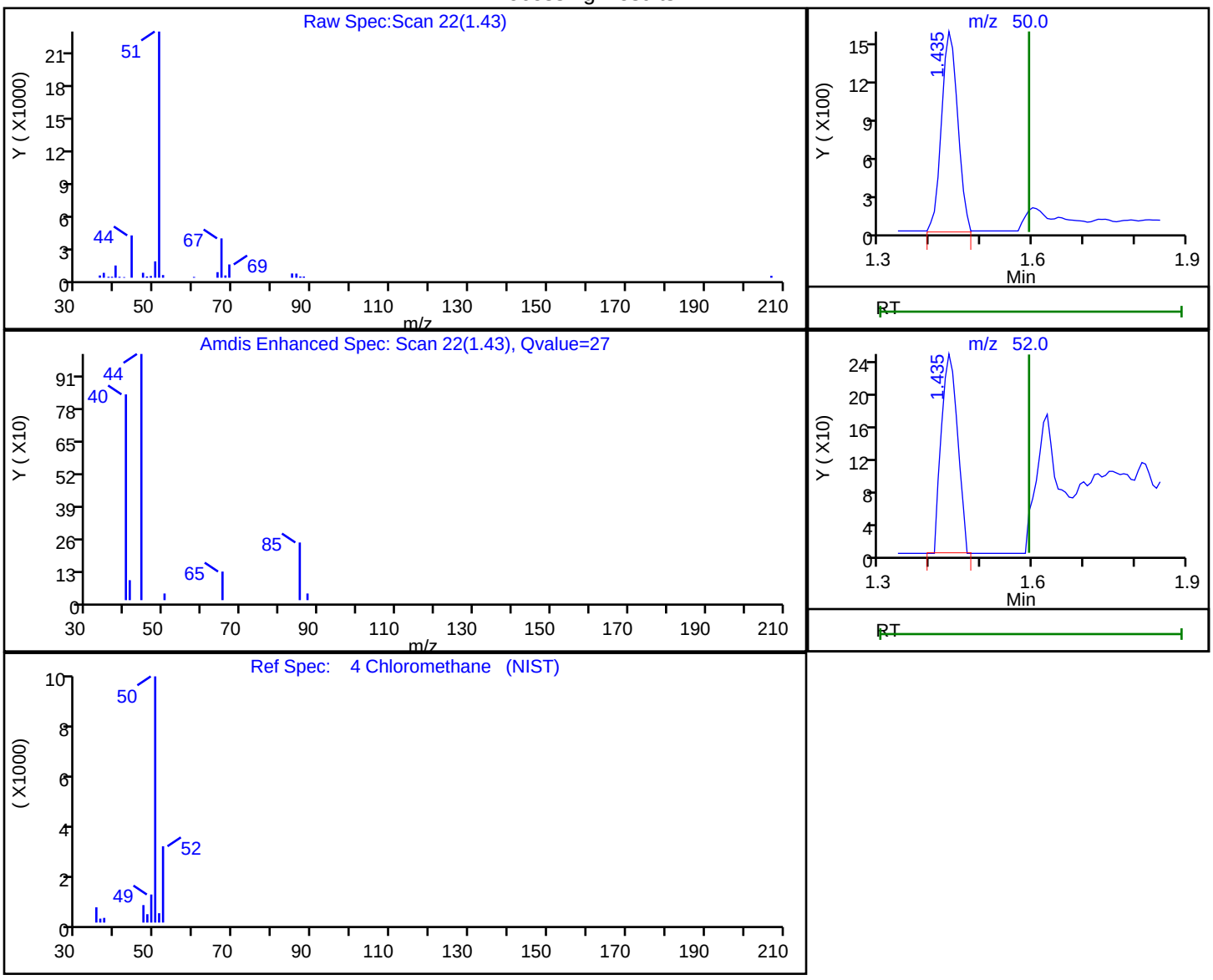
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10444.D | | | | |
| Injection Date: | 13-Dec-2023 15:08:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-294432-C-4-A | Lab Sample ID: | 460-294432-4 | | |
| Client ID: | SB-2 (12-13) | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 4 Chloromethane, CAS: 74-87-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.43 | 50.00 | 3354 | 0.453935 |
| 1.43 | 52.00 | 549 | |

Reviewer: N1JZ, 14-Dec-2023 09:17:46 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-3 (11-12) | Lab Sample ID: 460-294432-5

Matrix: Solid | Lab File ID: D10445.D

Analysis Method: 8260D | Date Collected: 12/12/2023 11:20

Sample wt/vol: 6.54(g) | Date Analyzed: 12/13/2023 15:31

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) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.18 | U | 0.78 | 0.18 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.17 | U | 0.78 | 0.17 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.23 | U | 0.78 | 0.23 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.14 | U | 0.78 | 0.14 |
| 75-34-3 | 1,1-Dichloroethane | 0.16 | U | 0.78 | 0.16 |
| 75-35-4 | 1,1-Dichloroethene | 0.18 | U | 0.78 | 0.18 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.14 | U | 0.78 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.28 | U | 0.78 | 0.28 |
| 78-87-5 | 1,2-Dichloropropane | 0.33 | U | 0.78 | 0.33 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.28 | U | 0.78 | 0.28 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.18 | U | 0.78 | 0.18 |
| 123-91-1 | 1,4-Dioxane | 7.1 | U | 78 | 7.1 |
| 78-93-3 | 2-Butanone (MEK) | 0.29 | U | 3.9 | 0.29 |
| 591-78-6 | 2-Hexanone | 1.3 | U | 3.9 | 1.3 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.2 | U | 3.9 | 1.2 |
| 67-64-1 | Acetone | 4.4 | U | 4.7 | 4.4 |
| 71-43-2 | Benzene | 0.20 | U | 0.78 | 0.20 |
| 75-25-2 | Bromoform | 0.33 | U | 0.78 | 0.33 |
| 74-83-9 | Bromomethane | 0.78 | U | 1.6 | 0.78 |
| 75-15-0 | Carbon disulfide | 0.21 | U | 0.78 | 0.21 |
| 56-23-5 | Carbon tetrachloride | 0.30 | U | 0.78 | 0.30 |
| 108-90-7 | Chlorobenzene | 0.14 | U | 0.78 | 0.14 |
| 74-97-5 | Chlorobromomethane | 0.22 | U | 0.78 | 0.22 |
| 124-48-1 | Chlorodibromomethane | 0.15 | U | 0.78 | 0.15 |
| 75-00-3 | Chloroethane | 0.41 | U | 0.78 | 0.41 |
| 67-66-3 | Chloroform | 0.76 | U | 0.78 | 0.76 |
| 74-87-3 | Chloromethane | 0.34 | U | 0.78 | 0.34 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.28 | U | 0.78 | 0.28 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.21 | U | 0.78 | 0.21 |
| 110-82-7 | Cyclohexane | 0.17 | U | 0.78 | 0.17 |
| 75-27-4 | Dichlorobromomethane | 0.20 | U | 0.78 | 0.20 |
| 75-71-8 | Dichlorodifluoromethane | 0.26 | U | 0.78 | 0.26 |
| 100-41-4 | Ethylbenzene | 0.15 | U | 0.78 | 0.15 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-3 (11-12) | Lab Sample ID: 460-294432-5

Matrix: Solid | Lab File ID: D10445.D

Analysis Method: 8260D | Date Collected: 12/12/2023 11:20

Sample wt/vol: 6.54(g) | Date Analyzed: 12/13/2023 15:31

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) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.14 | U | 0.78 | 0.14 |
| 98-82-8 | Isopropylbenzene | 0.22 | U | 0.78 | 0.22 |
| 79-20-9 | Methyl acetate | 3.3 | U | 3.9 | 3.3 |
| 1634-04-4 | Methyl tert-butyl ether | 0.40 | U | 0.78 | 0.40 |
| 108-87-2 | Methylcyclohexane | 0.39 | U | 0.78 | 0.39 |
| 75-09-2 | Methylene Chloride | 0.89 | U | 1.6 | 0.89 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.14 | U | 0.78 | 0.14 |
| 95-47-6 | o-Xylene | 0.15 | U | 0.78 | 0.15 |
| 100-42-5 | Styrene | 0.22 | U | 0.78 | 0.22 |
| 127-18-4 | Tetrachloroethene | 0.24 | U | 0.78 | 0.24 |
| 108-88-3 | Toluene | 0.18 | U | 0.78 | 0.18 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.19 | U | 0.78 | 0.19 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.21 | U | 0.78 | 0.21 |
| 79-01-6 | Trichloroethene | 0.25 | U | 0.78 | 0.25 |
| 75-69-4 | Trichlorofluoromethane | 0.32 | U | 0.78 | 0.32 |
| 75-01-4 | Vinyl chloride | 0.42 | U | 0.78 | 0.42 |
| 107-06-2 | 1,2-Dichloroethane | 0.23 | U | 0.78 | 0.23 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.28 | U | 0.78 | 0.28 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.36 | U | 0.78 | 0.36 |
| 108-21-4 | Isopropyl acetate | 0.24 | U | 1.6 | 0.24 |
| 123-86-4 | n-Butyl acetate | 0.72 | U | 1.6 | 0.72 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 101 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 107 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 108 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10445.D
Lims ID: 460-294432-C-5-A
Client ID: SB-3 (11-12)
Sample Type: Client
Inject. Date: 13-Dec-2023 15:31:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-5-A
Misc. Info.: 460-0170079-018
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 09:18:45 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:18:45

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 165337 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 75 | 132767 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.282 | 5.282 | 0.000 | 96 | 210506 | 53.9 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 97 | 209105 | 50.5 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 503885 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.908 | 6.908 | 0.000 | 0 | 12910 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.875 | 7.875 | 0.000 | 99 | 771540 | 50.7 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 334398 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 214378 | 53.3 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 170941 | 50.0 | |

## Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

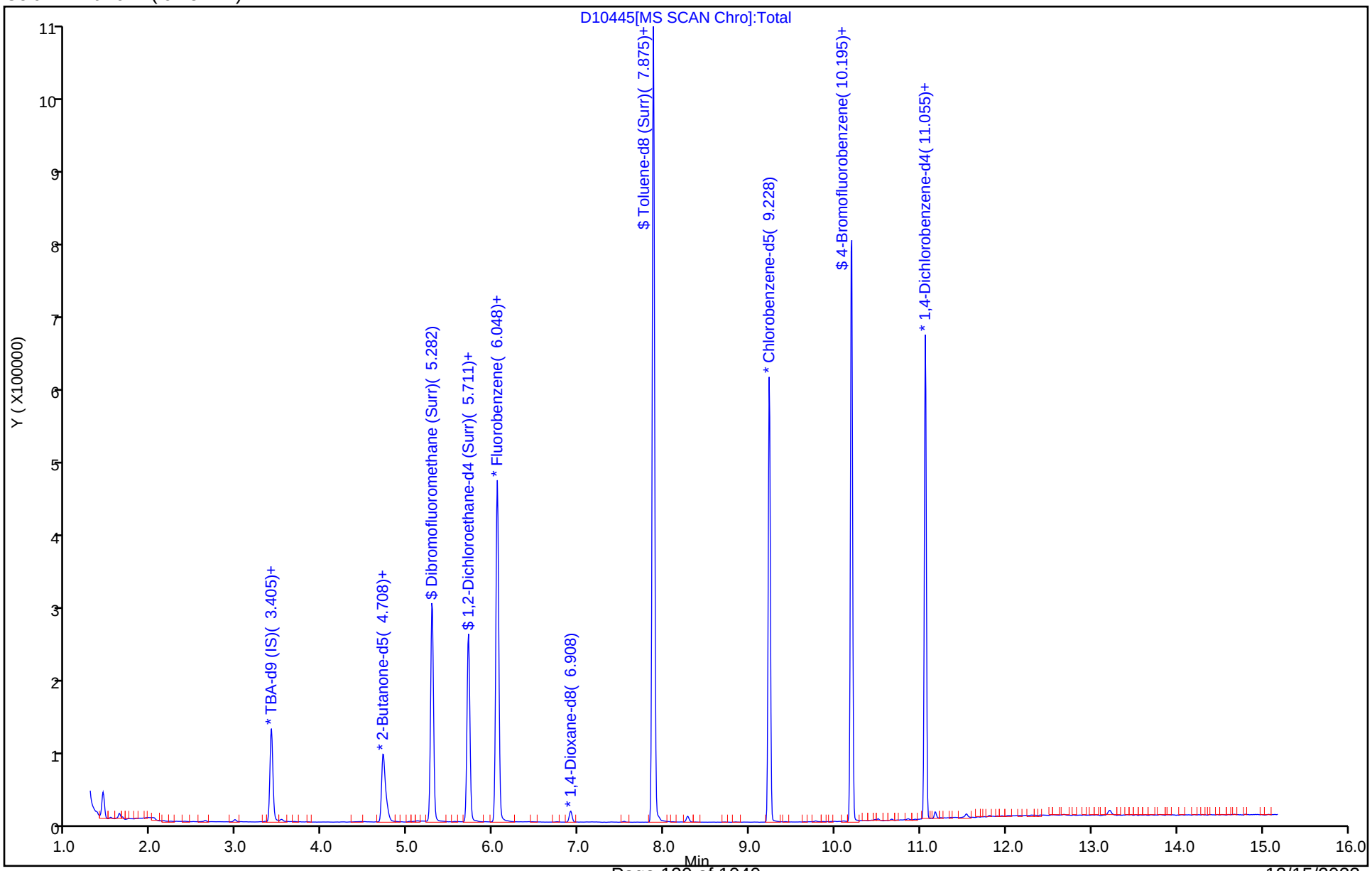
Report Date: 14-Dec-2023 09:18:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10445.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 15:31:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-294432-C-5-A | Lab Sample ID: | 460-294432-5 | Worklist Smp#: | 18 |
| Client ID: | SB-3 (11-12) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 18 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10445.D
Lims ID: 460-294432-C-5-A
Client ID: SB-3 (11-12)
Sample Type: Client
Inject. Date: 13-Dec-2023 15:31:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-5-A
Misc. Info.: 460-0170079-018
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 09:18:45 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1645

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:18:45

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 53.9 | 107.90 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.5 | 100.99 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.7 | 101.35 |
| $ 102 4-Bromofluorobenzene | 50.0 | 53.3 | 106.52 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-3 (7-8) | Lab Sample ID: 460-294432-6

Matrix: Solid | Lab File ID: D10450.D

Analysis Method: 8260D | Date Collected: 12/12/2023 11:00

Sample wt/vol: 5.73(g) | Date Analyzed: 12/13/2023 17:26

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) Y pH:

% Moisture: 2.1 % Solids: 97.9 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.21 | U | 0.89 | 0.21 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.19 | U | 0.89 | 0.19 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.27 | U | 0.89 | 0.27 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.16 | U | 0.89 | 0.16 |
| 75-34-3 | 1,1-Dichloroethane | 0.18 | U | 0.89 | 0.18 |
| 75-35-4 | 1,1-Dichloroethene | 0.20 | U | 0.89 | 0.20 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.16 | U | 0.89 | 0.16 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.32 | U | 0.89 | 0.32 |
| 78-87-5 | 1,2-Dichloropropane | 0.38 | U | 0.89 | 0.38 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.33 | U | 0.89 | 0.33 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.20 | U | 0.89 | 0.20 |
| 123-91-1 | 1,4-Dioxane | 8.2 | U | 89 | 8.2 |
| 78-93-3 | 2-Butanone (MEK) | 0.33 | U | 4.5 | 0.33 |
| 591-78-6 | 2-Hexanone | 1.5 | U | 4.5 | 1.5 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.4 | U | 4.5 | 1.4 |
| 67-64-1 | Acetone | 5.1 | U | 5.3 | 5.1 |
| 71-43-2 | Benzene | 0.23 | U | 0.89 | 0.23 |
| 75-25-2 | Bromoform | 0.38 | U | 0.89 | 0.38 |
| 74-83-9 | Bromomethane | 0.89 | U | 1.8 | 0.89 |
| 75-15-0 | Carbon disulfide | 0.24 | U | 0.89 | 0.24 |
| 56-23-5 | Carbon tetrachloride | 0.34 | U | 0.89 | 0.34 |
| 108-90-7 | Chlorobenzene | 0.16 | U | 0.89 | 0.16 |
| 74-97-5 | Chlorobromomethane | 0.25 | U | 0.89 | 0.25 |
| 124-48-1 | Chlorodibromomethane | 0.17 | U | 0.89 | 0.17 |
| 75-00-3 | Chloroethane | 0.47 | U | 0.89 | 0.47 |
| 67-66-3 | Chloroform | 0.87 | U | 0.89 | 0.87 |
| 74-87-3 | Chloromethane | 0.39 | U | 0.89 | 0.39 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.32 | U | 0.89 | 0.32 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.24 | U | 0.89 | 0.24 |
| 110-82-7 | Cyclohexane | 0.20 | U | 0.89 | 0.20 |
| 75-27-4 | Dichlorobromomethane | 0.23 | U | 0.89 | 0.23 |
| 75-71-8 | Dichlorodifluoromethane | 0.30 | U | 0.89 | 0.30 |
| 100-41-4 | Ethylbenzene | 0.18 | U | 0.89 | 0.18 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-3 (7-8) | Lab Sample ID: 460-294432-6

Matrix: Solid | Lab File ID: D10450.D

Analysis Method: 8260D | Date Collected: 12/12/2023 11:00

Sample wt/vol: 5.73(g) | Date Analyzed: 12/13/2023 17:26

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) Y pH:

% Moisture: 2.1 % Solids: 97.9 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.16 | U | 0.89 | 0.16 |
| 98-82-8 | Isopropylbenzene | 0.25 | U | 0.89 | 0.25 |
| 79-20-9 | Methyl acetate | 3.8 | U | 4.5 | 3.8 |
| 1634-04-4 | Methyl tert-butyl ether | 0.46 | U | 0.89 | 0.46 |
| 108-87-2 | Methylcyclohexane | 0.44 | U | 0.89 | 0.44 |
| 75-09-2 | Methylene Chloride | 1.0 | U | 1.8 | 1.0 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.16 | U | 0.89 | 0.16 |
| 95-47-6 | o-Xylene | 0.17 | U | 0.89 | 0.17 |
| 100-42-5 | Styrene | 0.25 | U | 0.89 | 0.25 |
| 127-18-4 | Tetrachloroethene | 0.27 | U | 0.89 | 0.27 |
| 108-88-3 | Toluene | 0.21 | U | 0.89 | 0.21 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.22 | U | 0.89 | 0.22 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.24 | U | 0.89 | 0.24 |
| 79-01-6 | Trichloroethene | 0.29 | U | 0.89 | 0.29 |
| 75-69-4 | Trichlorofluoromethane | 0.36 | U | 0.89 | 0.36 |
| 75-01-4 | Vinyl chloride | 0.49 | U | 0.89 | 0.49 |
| 107-06-2 | 1,2-Dichloroethane | 0.26 | U | 0.89 | 0.26 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.32 | U | 0.89 | 0.32 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.41 | U | 0.89 | 0.41 |
| 108-21-4 | Isopropyl acetate | 0.27 | U | 1.8 | 0.27 |
| 123-86-4 | n-Butyl acetate | 0.82 | U | 1.8 | 0.82 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 110 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 107 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 103 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10450.D
Lims ID: 460-294432-C-6-A
Client ID: SB-3 (7-8)
Sample Type: Client
Inject. Date: 13-Dec-2023 17:26:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-6-A
Misc. Info.: 460-0170079-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:31:37 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:19:49

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 171423 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.709 | 4.708 | 0.000 | 75 | 141831 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.282 | 5.282 | 0.000 | 96 | 223812 | 53.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 97 | 223722 | 50.2 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 542006 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.900 | 6.908 | -0.008 | 0 | 14558 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.875 | 7.875 | 0.000 | 99 | 827733 | 51.7 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 351594 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 228134 | 55.2 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 175403 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

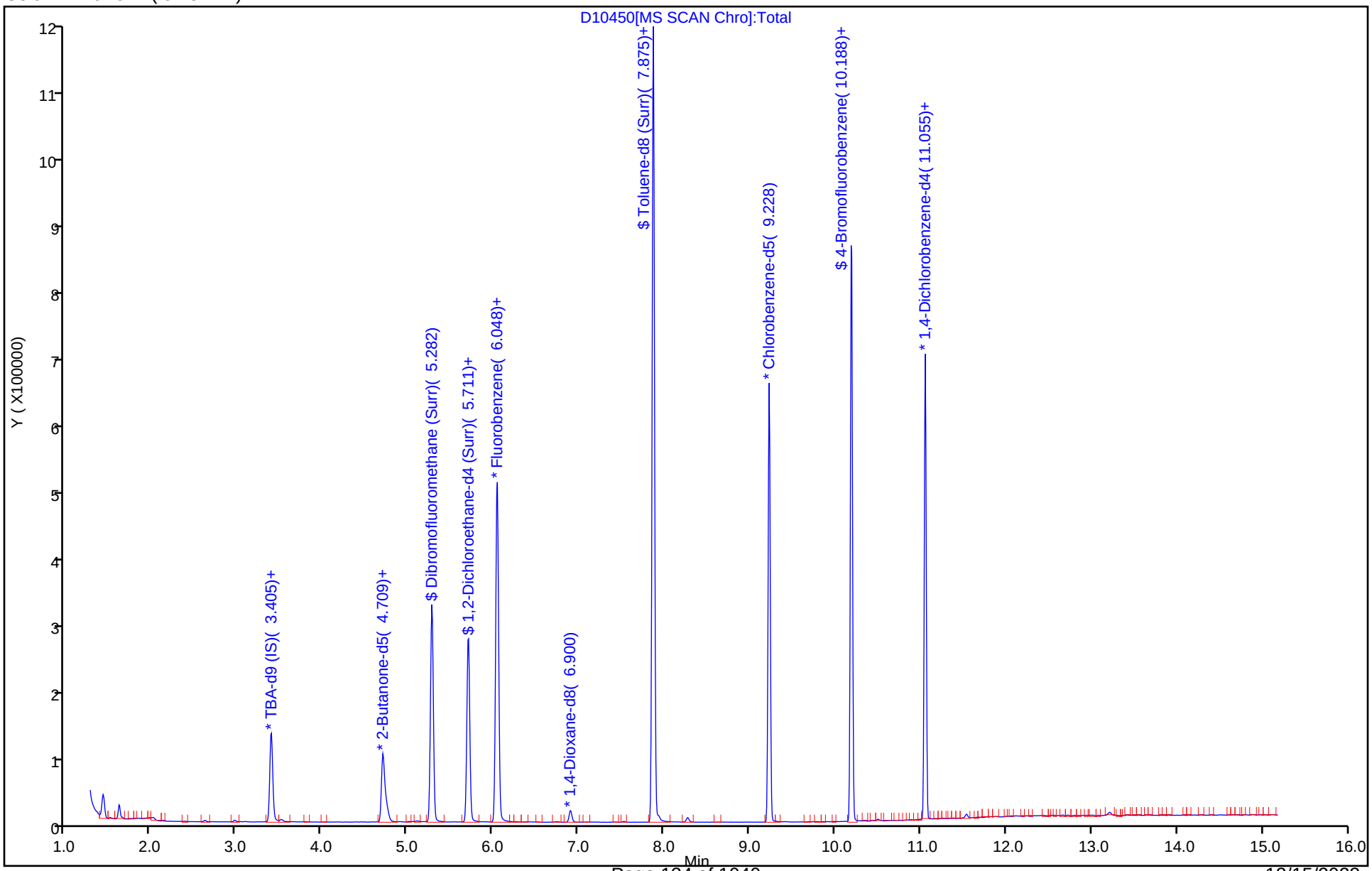
Report Date: 14-Dec-2023 11:31:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10450.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 17:26:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-294432-C-6-A | Lab Sample ID: | 460-294432-6 | Worklist Smp#: | 23 |
| Client ID: | SB-3 (7-8) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 23 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10450.D
Lims ID: 460-294432-C-6-A
Client ID: SB-3 (7-8)
Sample Type: Client
Inject. Date: 13-Dec-2023 17:26:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-6-A
Misc. Info.: 460-0170079-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:31:37 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:19:49

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 53.3 | 106.65 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.2 | 100.45 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 51.7 | 103.41 |
| $ 102 4-Bromofluorobenzene | 50.0 | 55.2 | 110.47 |

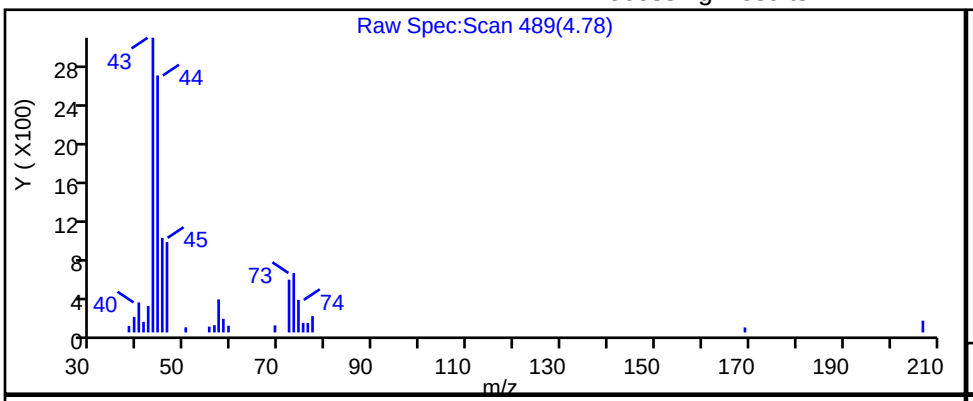
User Disabled Compound Report

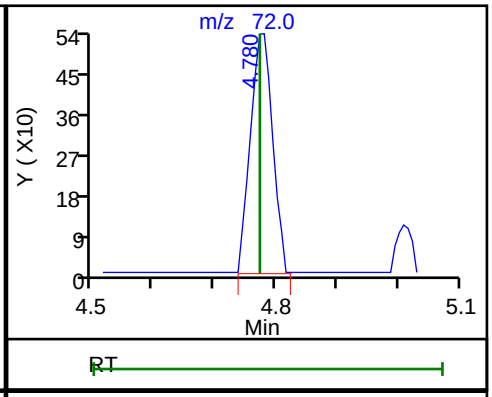
Eurofins Edison

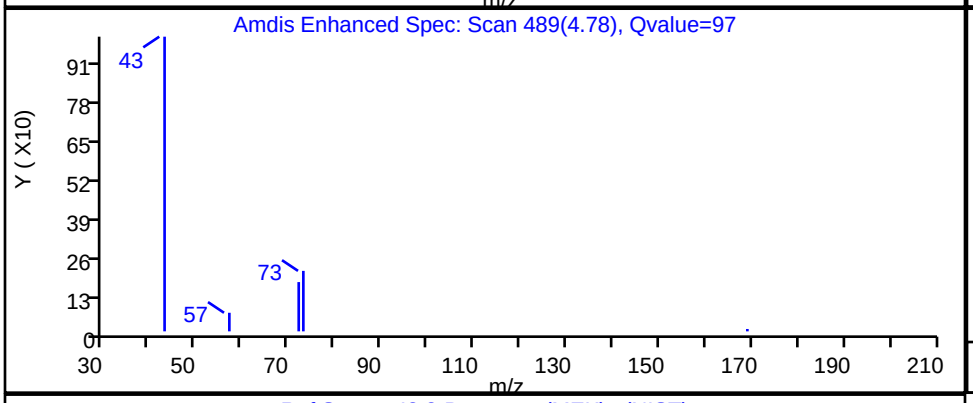
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10450.D | | | | |
| Injection Date: | 13-Dec-2023 17:26:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-294432-C-6-A | Lab Sample ID: | 460-294432-6 | | |
| Client ID: | SB-3 (7-8) | | | | |
| Operator ID: | | ALS Bottle#: | 23 | Worklist Smp#: | 23 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

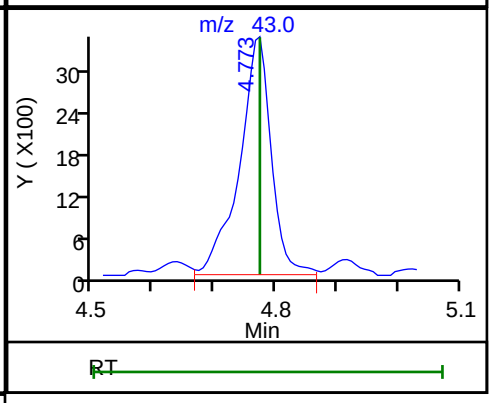
## 43 2-Butanone (MEK), CAS: 78-93-3

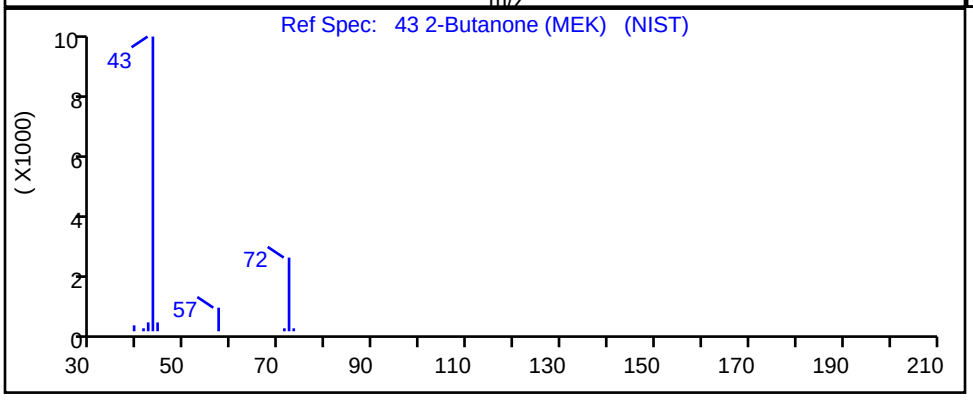
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.78 | 72.00 | 1358 | 3.144857 |
| 4.77 | 43.00 | 12696 | |

Reviewer: NN6A, 14-Dec-2023 11:31:29 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: Eqt. Blank-1 | Lab Sample ID: 460-294432-7

Matrix: Water | Lab File ID: O12113.d

Analysis Method: 8260D | Date Collected: 12/12/2023 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 16:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.24 | U | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.31 | U | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.37 | U | 1.0 | 0.37 |
| 78-87-5 | 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.34 | U | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.33 | U | 1.0 | 0.33 |
| 123-91-1 | 1,4-Dioxane | 28 | U | 50 | 28 |
| 78-93-3 | 2-Butanone (MEK) | 1.9 | U | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 1.1 | U | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 4.4 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 0.20 | U | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 0.54 | U | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 0.55 | U | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 0.82 | U | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 0.38 | U | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 0.41 | U | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 0.28 | U | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 0.32 | U | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 0.33 | U | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 0.40 | U | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 0.32 | U | 1.0 | 0.32 |
| 75-27-4 | Dichlorobromomethane | 0.34 | U | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 0.31 | U | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 0.30 | U | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: Eqt. Blank-1 | Lab Sample ID: 460-294432-7

Matrix: Water | Lab File ID: O12113.d

Analysis Method: 8260D | Date Collected: 12/12/2023 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 16:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.50 | U | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 0.34 | U | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 0.79 | U | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 0.22 | U | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 0.71 | U | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 0.32 | U | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.30 | U | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 0.36 | U | 1.0 | 0.36 |
| 100-42-5 | Styrene | 0.42 | U | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 0.25 | U | 1.0 | 0.25 |
| 108-88-3 | Toluene | 0.38 | U | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 0.31 | U | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 0.32 | U | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 0.17 | U | 1.0 | 0.17 |
| 107-06-2 | 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.21 | U | 1.0 | 0.21 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.38 | U | 1.0 | 0.38 |
| 108-21-4 | Isopropyl acetate | 0.40 | U | 2.0 | 0.40 |
| 123-86-4 | n-Butyl acetate | 0.33 | U | 2.0 | 0.33 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 115 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 111 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 102 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12113.d
Lims ID: 460-294432-A-7
Client ID: Eqt. Blank-1
Sample Type: Client
Inject. Date: 13-Dec-2023 16:10:30 ALS Bottle#: 15 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-A-7
Misc. Info.: 460-0170088-019
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 19:04:50 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: HVW2 Date: 13-Dec-2023 21:43:25

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 160563 | 1000.0 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 272418 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 97 | 100105 | 55.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 125578 | 47.7 | |
| * 65 Fluorobenzene | 96 | 4.660 | 4.672 | -0.012 | 98 | 536583 | 50.0 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 35482 | 1000.0 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.521 | 6.521 | 0.000 | 99 | 449144 | 50.8 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 87 | 434867 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.391 | 0.001 | 91 | 136667 | 57.4 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 96 | 229654 | 50.0 | |

## Reagents:

8260SURR250_00242 Amount Added: 1.00 Units: uL
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent

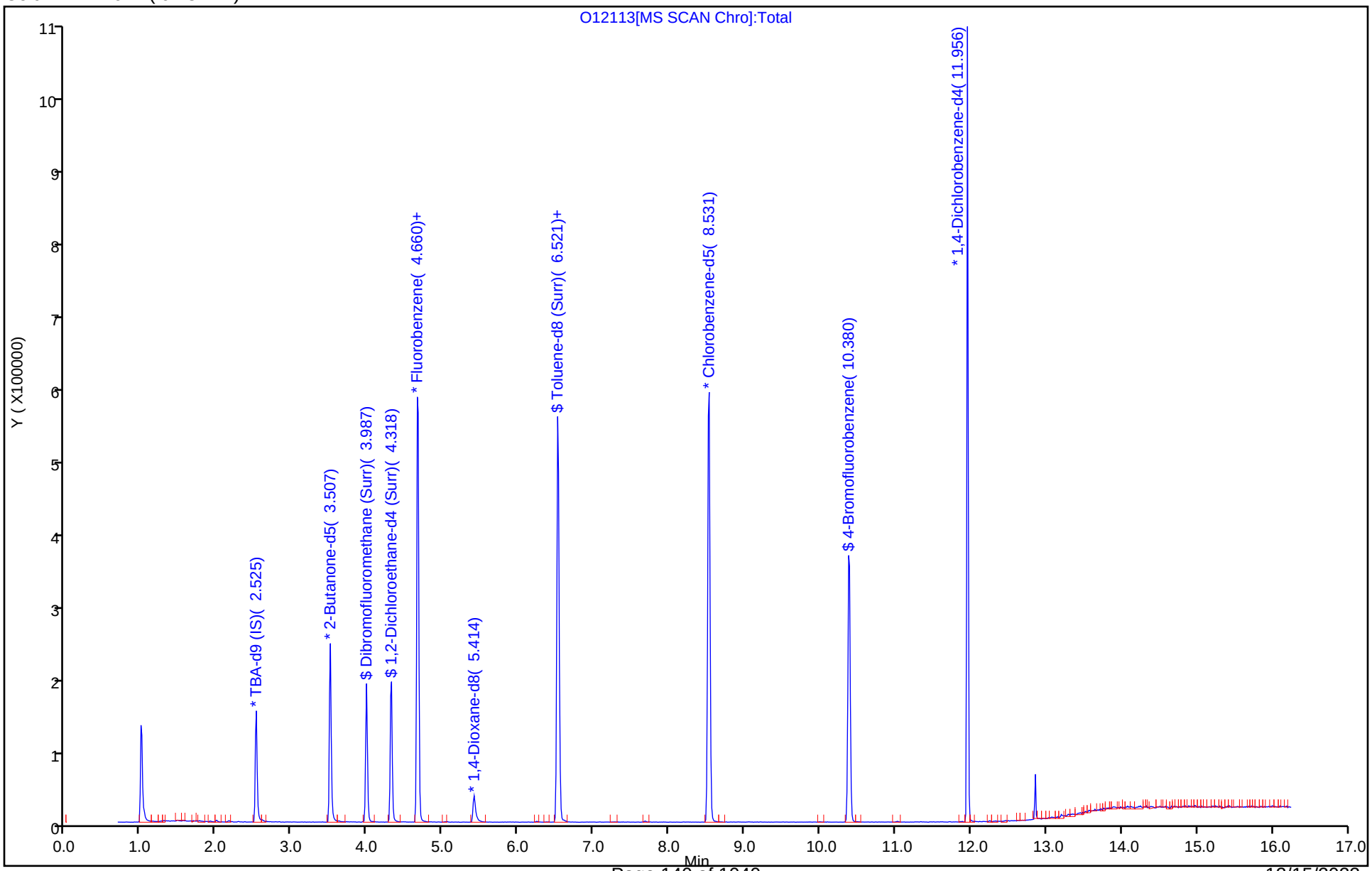
Report Date: 13-Dec-2023 21:43:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12113.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 16:10:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | 460-294432-A-7 | Lab Sample ID: | 460-294432-7 | Worklist Smp#: | 19 |
| Client ID: | Eqt. Blank-1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 15 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12113.d
Lims ID: 460-294432-A-7
Client ID: Eqt. Blank-1
Sample Type: Client
Inject. Date: 13-Dec-2023 16:10:30 ALS Bottle#: 15 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-A-7
Misc. Info.: 460-0170088-019
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 19:04:50 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: HVW2 Date: 13-Dec-2023 21:43:25

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 55.3 | 110.51 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.7 | 95.48 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 50.8 | 101.52 |
| $ 105 4-Bromofluorobenzene | 50.0 | 57.4 | 114.72 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: Trip Blank-1 | Lab Sample ID: 460-294432-8

Matrix: Water | Lab File ID: O12114.d

Analysis Method: 8260D | Date Collected: 12/12/2023 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 16:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.24 | U | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.31 | U | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.37 | U | 1.0 | 0.37 |
| 78-87-5 | 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.34 | U | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.33 | U | 1.0 | 0.33 |
| 123-91-1 | 1,4-Dioxane | 28 | U | 50 | 28 |
| 78-93-3 | 2-Butanone (MEK) | 1.9 | U | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 1.1 | U | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 4.4 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 0.20 | U | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 0.54 | U | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 0.55 | U | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 0.82 | U | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 0.38 | U | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 0.41 | U | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 0.28 | U | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 0.32 | U | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 0.33 | U | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 0.40 | U | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 0.32 | U | 1.0 | 0.32 |
| 75-27-4 | Dichlorobromomethane | 0.34 | U | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 0.31 | U | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 0.30 | U | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: Trip Blank-1 | Lab Sample ID: 460-294432-8

Matrix: Water | Lab File ID: O12114.d

Analysis Method: 8260D | Date Collected: 12/12/2023 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 16:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.50 | U | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 0.34 | U | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 0.79 | U | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 0.22 | U | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 0.71 | U | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 0.32 | U | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.30 | U | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 0.36 | U | 1.0 | 0.36 |
| 100-42-5 | Styrene | 0.42 | U | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 0.25 | U | 1.0 | 0.25 |
| 108-88-3 | Toluene | 0.38 | U | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 0.31 | U | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 0.32 | U | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 0.17 | U | 1.0 | 0.17 |
| 107-06-2 | 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.21 | U | 1.0 | 0.21 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.38 | U | 1.0 | 0.38 |
| 108-21-4 | Isopropyl acetate | 0.40 | U | 2.0 | 0.40 |
| 123-86-4 | n-Butyl acetate | 0.33 | U | 2.0 | 0.33 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 117 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 109 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12114.d
Lims ID: 460-294432-A-8
Client ID: Trip Blank-1
Sample Type: Client
Inject. Date: 13-Dec-2023 16:35:30 ALS Bottle#: 16 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-A-8
Misc. Info.: 460-0170088-020
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 19:04:50 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: HVW2 Date: 13-Dec-2023 21:43:34

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 161819 | 1000.0 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 271019 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 97 | 96831 | 54.6 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 124532 | 48.3 | |
| * 65 Fluorobenzene | 96 | 4.660 | 4.672 | -0.012 | 98 | 525601 | 50.0 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 35340 | 1000.0 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.521 | 6.521 | 0.000 | 99 | 447426 | 50.4 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 86 | 436435 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.380 | 10.391 | -0.011 | 89 | 139536 | 58.4 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 96 | 230962 | 50.0 | |

## Reagents:

8260SURR250_00242 Amount Added: 1.00 Units: uL
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent

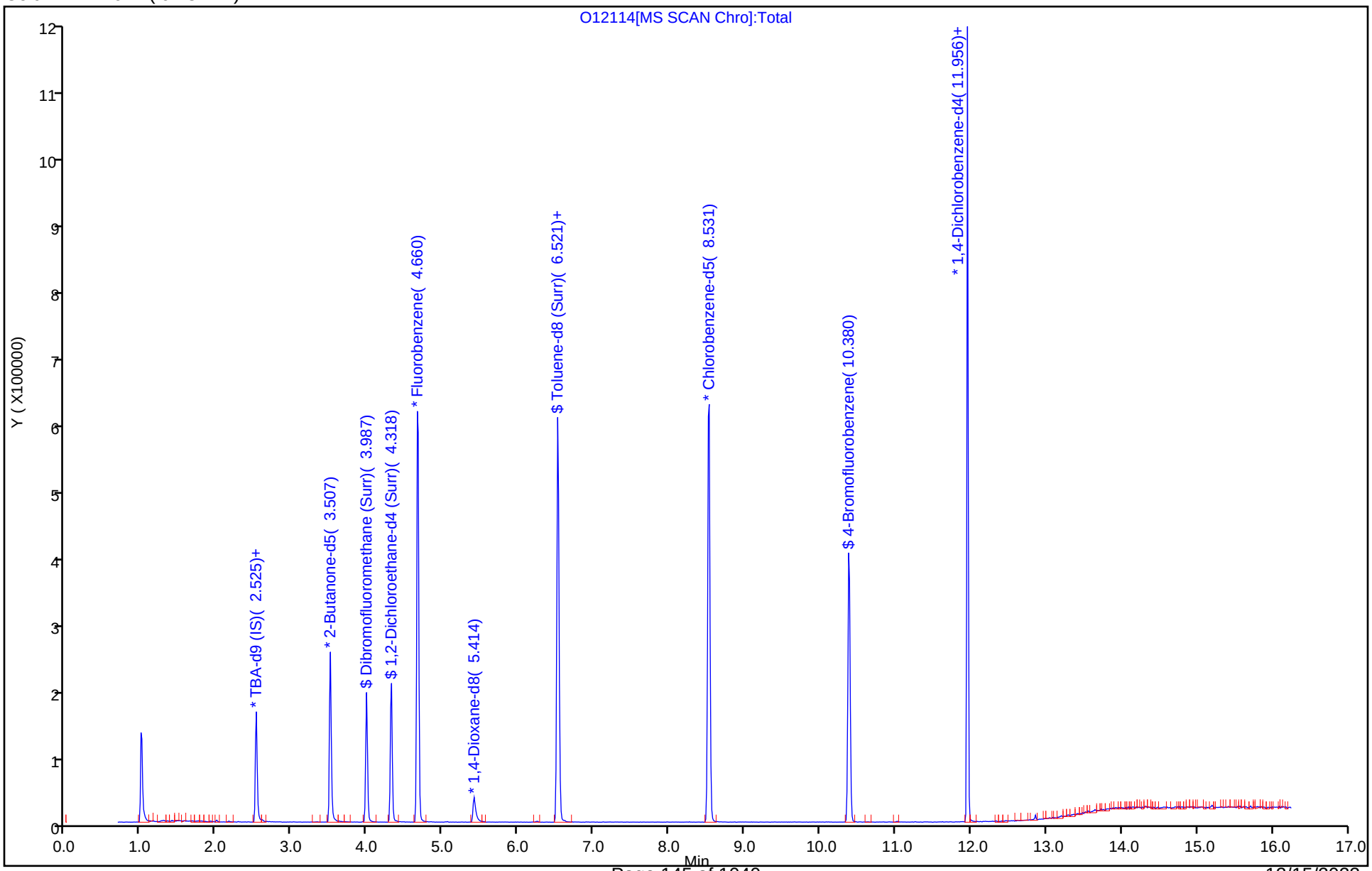
Report Date: 13-Dec-2023 21:43:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12114.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 16:35:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | 460-294432-A-8 | Lab Sample ID: | 460-294432-8 | Worklist Smp#: | 20 |
| Client ID: | Trip Blank-1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12114.d
Lims ID: 460-294432-A-8
Client ID: Trip Blank-1
Sample Type: Client
Inject. Date: 13-Dec-2023 16:35:30 ALS Bottle#: 16 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-A-8
Misc. Info.: 460-0170088-020
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 19:04:50 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: HVW2 Date: 13-Dec-2023 21:43:34

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 54.6 | 109.13 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.3 | 96.66 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 50.4 | 100.77 |
| $ 105 4-Bromofluorobenzene | 50.0 | 58.4 | 116.71 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-4 (7-8) | Lab Sample ID: 460-294432-9

Matrix: Solid | Lab File ID: D10451.D

Analysis Method: 8260D | Date Collected: 12/12/2023 12:15

Sample wt/vol: 5.27(g) | Date Analyzed: 12/13/2023 17:49

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) Y pH:

% Moisture: 1.8 % Solids: 98.2 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.23 | U | 0.97 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.21 | U | 0.97 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.29 | U | 0.97 | 0.29 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.17 | U | 0.97 | 0.17 |
| 75-34-3 | 1,1-Dichloroethane | 0.20 | U | 0.97 | 0.20 |
| 75-35-4 | 1,1-Dichloroethene | 0.22 | U | 0.97 | 0.22 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.17 | U | 0.97 | 0.17 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.35 | U | 0.97 | 0.35 |
| 78-87-5 | 1,2-Dichloropropane | 0.41 | U | 0.97 | 0.41 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.35 | U | 0.97 | 0.35 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.22 | U | 0.97 | 0.22 |
| 123-91-1 | 1,4-Dioxane | 8.9 | U | 97 | 8.9 |
| 78-93-3 | 2-Butanone (MEK) | 0.36 | U | 4.8 | 0.36 |
| 591-78-6 | 2-Hexanone | 1.7 | U | 4.8 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.5 | U | 4.8 | 1.5 |
| 67-64-1 | Acetone | 5.5 | U | 5.8 | 5.5 |
| 71-43-2 | Benzene | 0.25 | U | 0.97 | 0.25 |
| 75-25-2 | Bromoform | 0.41 | U | 0.97 | 0.41 |
| 74-83-9 | Bromomethane | 0.97 | U | 1.9 | 0.97 |
| 75-15-0 | Carbon disulfide | 0.26 | U | 0.97 | 0.26 |
| 56-23-5 | Carbon tetrachloride | 0.37 | U | 0.97 | 0.37 |
| 108-90-7 | Chlorobenzene | 0.17 | U | 0.97 | 0.17 |
| 74-97-5 | Chlorobromomethane | 0.27 | U | 0.97 | 0.27 |
| 124-48-1 | Chlorodibromomethane | 0.19 | U | 0.97 | 0.19 |
| 75-00-3 | Chloroethane | 0.50 | U | 0.97 | 0.50 |
| 67-66-3 | Chloroform | 0.94 | U | 0.97 | 0.94 |
| 74-87-3 | Chloromethane | 0.42 | U | 0.97 | 0.42 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.35 | U | 0.97 | 0.35 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.26 | U | 0.97 | 0.26 |
| 110-82-7 | Cyclohexane | 0.21 | U | 0.97 | 0.21 |
| 75-27-4 | Dichlorobromomethane | 0.25 | U | 0.97 | 0.25 |
| 75-71-8 | Dichlorodifluoromethane | 0.33 | U | 0.97 | 0.33 |
| 100-41-4 | Ethylbenzene | 0.19 | U | 0.97 | 0.19 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-4 (7-8) | Lab Sample ID: 460-294432-9

Matrix: Solid | Lab File ID: D10451.D

Analysis Method: 8260D | Date Collected: 12/12/2023 12:15

Sample wt/vol: 5.27(g) | Date Analyzed: 12/13/2023 17:49

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) Y pH:

% Moisture: 1.8 % Solids: 98.2 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.17 | U | 0.97 | 0.17 |
| 98-82-8 | Isopropylbenzene | 0.28 | U | 0.97 | 0.28 |
| 79-20-9 | Methyl acetate | 4.2 | U | 4.8 | 4.2 |
| 1634-04-4 | Methyl tert-butyl ether | 0.49 | U | 0.97 | 0.49 |
| 108-87-2 | Methylcyclohexane | 0.48 | U | 0.97 | 0.48 |
| 75-09-2 | Methylene Chloride | 1.1 | U | 1.9 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.17 | U | 0.97 | 0.17 |
| 95-47-6 | o-Xylene | 0.19 | U | 0.97 | 0.19 |
| 100-42-5 | Styrene | 0.27 | U | 0.97 | 0.27 |
| 127-18-4 | Tetrachloroethene | 0.29 | U | 0.97 | 0.29 |
| 108-88-3 | Toluene | 0.23 | U | 0.97 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.24 | U | 0.97 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.26 | U | 0.97 | 0.26 |
| 79-01-6 | Trichloroethene | 0.31 | U | 0.97 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 0.39 | U | 0.97 | 0.39 |
| 75-01-4 | Vinyl chloride | 0.53 | U | 0.97 | 0.53 |
| 107-06-2 | 1,2-Dichloroethane | 0.29 | U | 0.97 | 0.29 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.35 | U | 0.97 | 0.35 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.44 | U | 0.97 | 0.44 |
| 108-21-4 | Isopropyl acetate | 0.30 | U | 1.9 | 0.30 |
| 123-86-4 | n-Butyl acetate | 0.89 | U | 1.9 | 0.89 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 104 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 112 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 110 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 106 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10451.D
Lims ID: 460-294432-C-9-A
Client ID: SB-4 (7-8)
Sample Type: Client
Inject. Date: 13-Dec-2023 17:49:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-9-A
Misc. Info.: 460-0170079-024
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:32:00 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:20:04

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 151128 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 44 | 130426 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.281 | 5.282 | -0.001 | 96 | 219450 | 54.9 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 97 | 219572 | 51.8 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 516042 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.907 | 6.908 | -0.001 | 0 | 12876 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.874 | 7.875 | -0.001 | 99 | 811973 | 53.2 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 335385 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 222225 | 56.2 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 167957 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

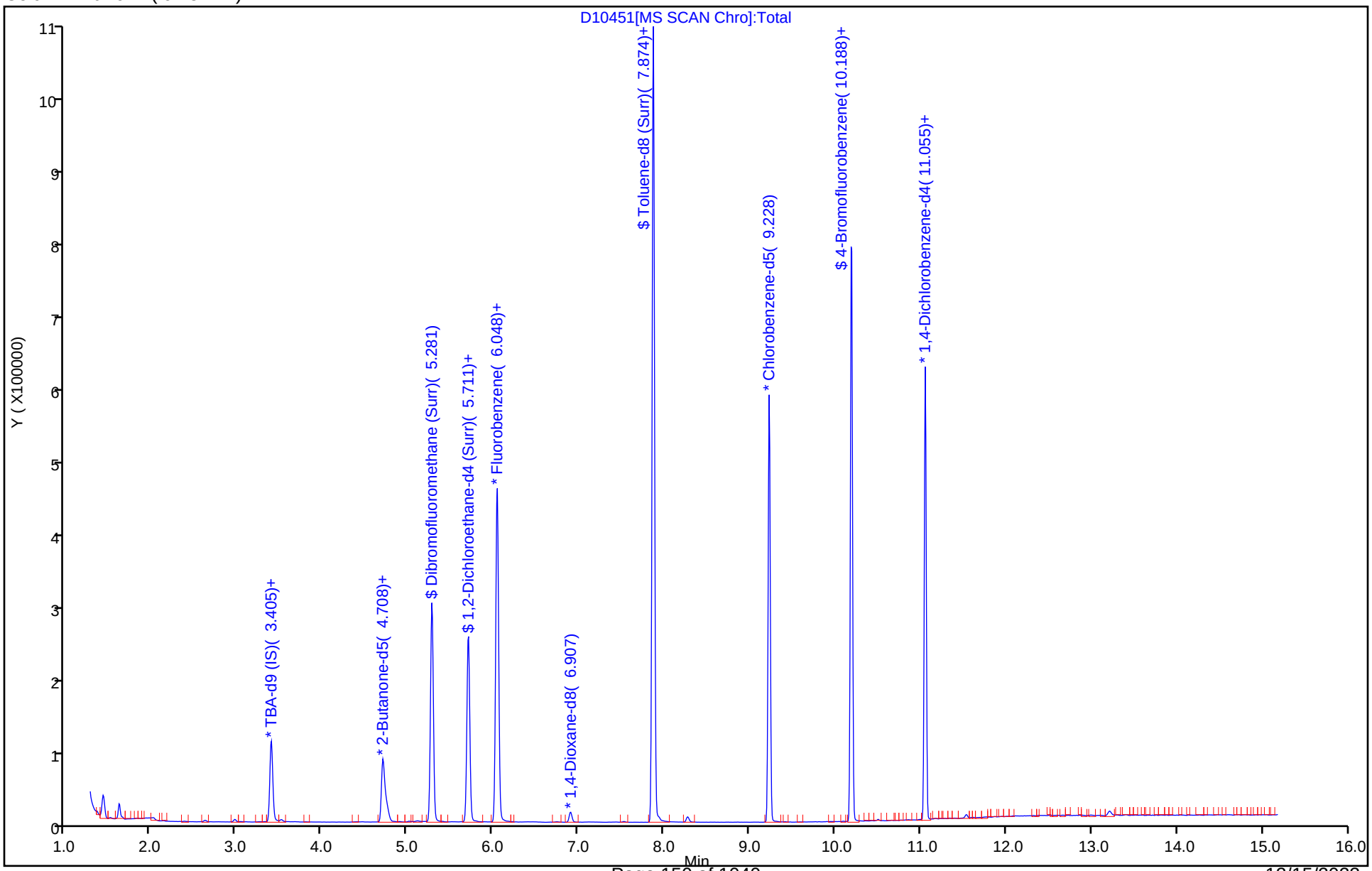
Report Date: 14-Dec-2023 11:32:00 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10451.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 17:49:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-294432-C-9-A | Lab Sample ID: | 460-294432-9 | Worklist Smp#: | 24 |
| Client ID: | SB-4 (7-8) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 24 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10451.D
Lims ID: 460-294432-C-9-A
Client ID: SB-4 (7-8)
Sample Type: Client
Inject. Date: 13-Dec-2023 17:49:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-9-A
Misc. Info.: 460-0170079-024
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:32:00 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:20:04

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 54.9 | 109.83 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.8 | 103.54 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 53.2 | 106.34 |
| $ 102 4-Bromofluorobenzene | 50.0 | 56.2 | 112.38 |

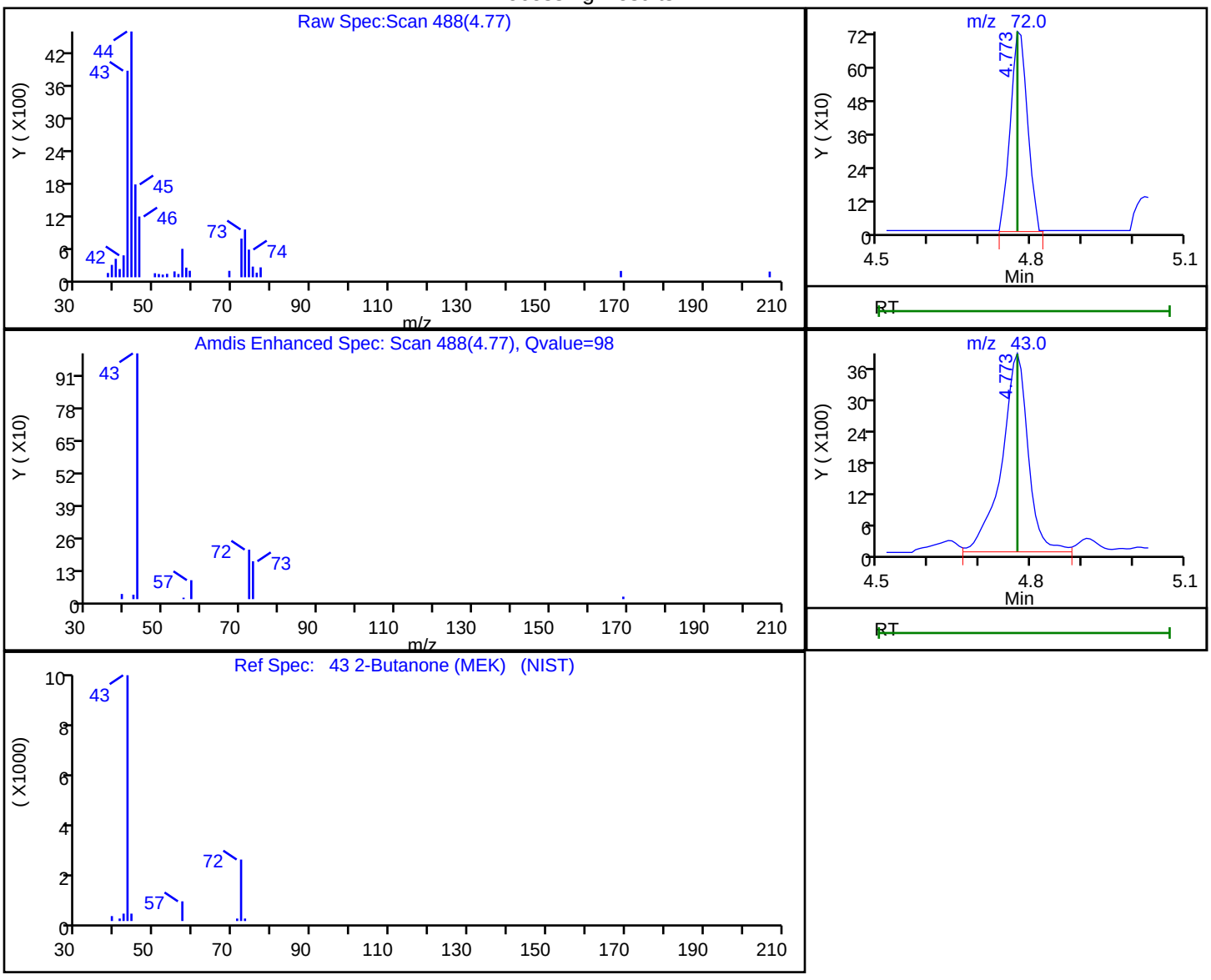
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10451.D | | | | |
| Injection Date: | 13-Dec-2023 17:49:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-294432-C-9-A | Lab Sample ID: | 460-294432-9 | | |
| Client ID: | SB-4 (7-8) | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 43 2-Butanone (MEK), CAS: 78-93-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.77 | 72.00 | 1673 | 4.213122 |
| 4.77 | 43.00 | 14131 | |

Reviewer: NN6A, 14-Dec-2023 11:31:52 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-4 (10-11) | Lab Sample ID: 460-294432-10

Matrix: Solid | Lab File ID: B11201.D

Analysis Method: 8260D | Date Collected: 12/12/2023 12:30

Sample wt/vol: 6.03(g) | Date Analyzed: 12/14/2023 12:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.7 % Solids: 97.3 | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.85 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.85 | 0.18 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.26 | U | 0.85 | 0.26 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.15 | U | 0.85 | 0.15 |
| 75-34-3 | 1,1-Dichloroethane | 0.18 | U | 0.85 | 0.18 |
| 75-35-4 | 1,1-Dichloroethene | 0.19 | U | 0.85 | 0.19 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.15 | U | 0.85 | 0.15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.31 | U | 0.85 | 0.31 |
| 78-87-5 | 1,2-Dichloropropane | 0.36 | U | 0.85 | 0.36 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.31 | U | 0.85 | 0.31 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.85 | 0.19 |
| 123-91-1 | 1,4-Dioxane | 7.8 | U | 85 | 7.8 |
| 78-93-3 | 2-Butanone (MEK) | 0.31 | U | 4.3 | 0.31 |
| 591-78-6 | 2-Hexanone | 1.5 | U | 4.3 | 1.5 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.3 | 1.3 |
| 67-64-1 | Acetone | 9.5 | | 5.1 | 4.9 |
| 71-43-2 | Benzene | 0.69 | J | 0.85 | 0.22 |
| 75-25-2 | Bromoform | 0.36 | U | 0.85 | 0.36 |
| 74-83-9 | Bromomethane | 0.85 | U | 1.7 | 0.85 |
| 75-15-0 | Carbon disulfide | 0.23 | U | 0.85 | 0.23 |
| 56-23-5 | Carbon tetrachloride | 0.33 | U | 0.85 | 0.33 |
| 108-90-7 | Chlorobenzene | 0.15 | U | 0.85 | 0.15 |
| 74-97-5 | Chlorobromomethane | 0.24 | U | 0.85 | 0.24 |
| 124-48-1 | Chlorodibromomethane | 0.17 | U | 0.85 | 0.17 |
| 75-00-3 | Chloroethane | 0.44 | U | 0.85 | 0.44 |
| 67-66-3 | Chloroform | 0.83 | U | 0.85 | 0.83 |
| 74-87-3 | Chloromethane | 0.37 | U | 0.85 | 0.37 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.31 | U | 0.85 | 0.31 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.23 | U | 0.85 | 0.23 |
| 110-82-7 | Cyclohexane | 0.19 | U | 0.85 | 0.19 |
| 75-27-4 | Dichlorobromomethane | 0.22 | U | 0.85 | 0.22 |
| 75-71-8 | Dichlorodifluoromethane | 0.29 | U | 0.85 | 0.29 |
| 100-41-4 | Ethylbenzene | 0.17 | U | 0.85 | 0.17 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-4 (10-11) | Lab Sample ID: 460-294432-10

Matrix: Solid | Lab File ID: B11201.D

Analysis Method: 8260D | Date Collected: 12/12/2023 12:30

Sample wt/vol: 6.03(g) | Date Analyzed: 12/14/2023 12:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.7 % Solids: 97.3 | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.15 | U | 0.85 | 0.15 |
| 98-82-8 | Isopropylbenzene | 0.24 | U | 0.85 | 0.24 |
| 79-20-9 | Methyl acetate | 3.7 | U | 4.3 | 3.7 |
| 1634-04-4 | Methyl tert-butyl ether | 0.44 | U | 0.85 | 0.44 |
| 108-87-2 | Methylcyclohexane | 0.43 | U | 0.85 | 0.43 |
| 75-09-2 | Methylene Chloride | 0.98 | U | 1.7 | 0.98 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.15 | U | 0.85 | 0.15 |
| 95-47-6 | o-Xylene | 0.17 | U | 0.85 | 0.17 |
| 100-42-5 | Styrene | 0.24 | U | 0.85 | 0.24 |
| 127-18-4 | Tetrachloroethene | 0.26 | U | 0.85 | 0.26 |
| 108-88-3 | Toluene | 0.38 | J | 0.85 | 0.20 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.21 | U | 0.85 | 0.21 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.23 | U | 0.85 | 0.23 |
| 79-01-6 | Trichloroethene | 0.27 | U | 0.85 | 0.27 |
| 75-69-4 | Trichlorofluoromethane | 0.35 | U | 0.85 | 0.35 |
| 75-01-4 | Vinyl chloride | 0.47 | U | 0.85 | 0.47 |
| 107-06-2 | 1,2-Dichloroethane | 0.25 | U | 0.85 | 0.25 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.31 | U | 0.85 | 0.31 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.39 | U | 0.85 | 0.39 |
| 108-21-4 | Isopropyl acetate | 0.26 | U | 1.7 | 0.26 |
| 123-86-4 | n-Butyl acetate | 0.79 | U | 1.7 | 0.79 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 116 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 113 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 106 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 77 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11201.D
Lims ID: 460-294432-D-10-A
Client ID: SB-4 (10-11)
Sample Type: Client
Inject. Date: 14-Dec-2023 12:38:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-D-10-A
Misc. Info.: 460-0170114-017
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 13:04:52 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: NN6A Date: 14-Dec-2023 13:04:52

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| 21 Acetone | 43 | 1.843 | 1.843 | 0.000 | 60 | 9425 | 11.2 | |
| * 29 TBA-d9 (IS) | 65 | 2.221 | 2.215 | 0.006 | 0 | 254259 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.142 | 3.142 | 0.000 | 0 | 279395 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.605 | 3.605 | 0.000 | 95 | 147866 | 52.8 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.916 | 3.916 | 0.000 | 0 | 191992 | 58.2 | |
| 56 Benzene | 78 | 3.971 | 3.971 | 0.000 | 90 | 9205 | 0.8063 | |
| * 60 Fluorobenzene | 96 | 4.269 | 4.263 | 0.006 | 97 | 484454 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.050 | 5.056 | -0.006 | 0 | 16815 | 1000.0 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.123 | 6.123 | 0.000 | 98 | 554286 | 38.5 | |
| 80 Toluene | 91 | 6.214 | 6.202 | 0.012 | 86 | 5479 | 0.4456 | |
| * 91 Chlorobenzene-d5 | 117 | 7.817 | 7.811 | 0.006 | 90 | 455407 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.884 | 8.884 | 0.000 | 87 | 167098 | 56.4 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.780 | 9.781 | 0.000 | 98 | 183805 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

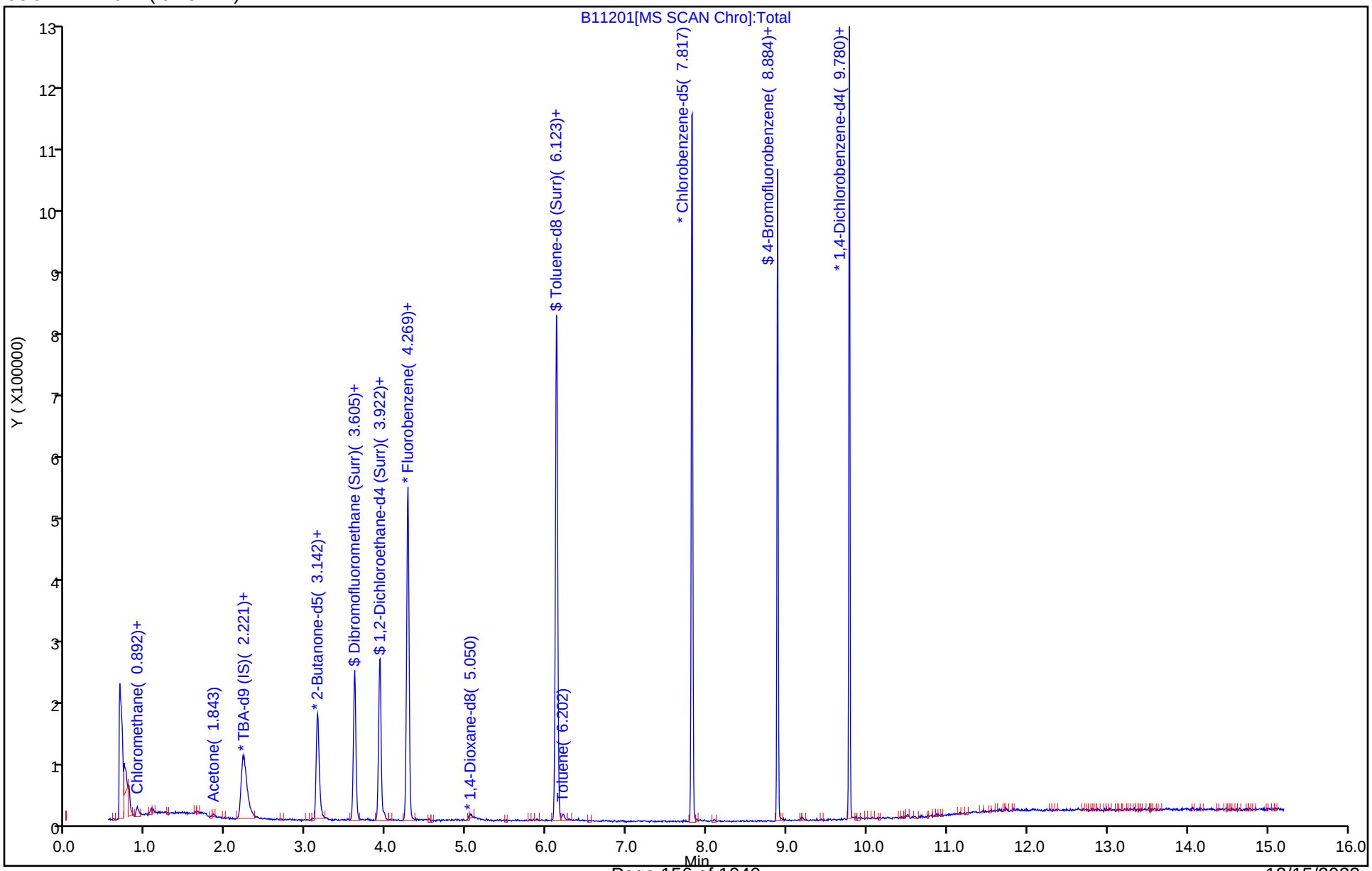
Report Date: 14-Dec-2023 13:04:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11201.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Dec-2023 12:38:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | 460-294432-D-10-A | Lab Sample ID: | 460-294432-10 | Worklist Smp#: | 17 |
| Client ID: | SB-4 (10-11) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11201.D
Lims ID: 460-294432-D-10-A
Client ID: SB-4 (10-11)
Sample Type: Client
Inject. Date: 14-Dec-2023 12:38:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-D-10-A
Misc. Info.: 460-0170114-017
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 13:04:52 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

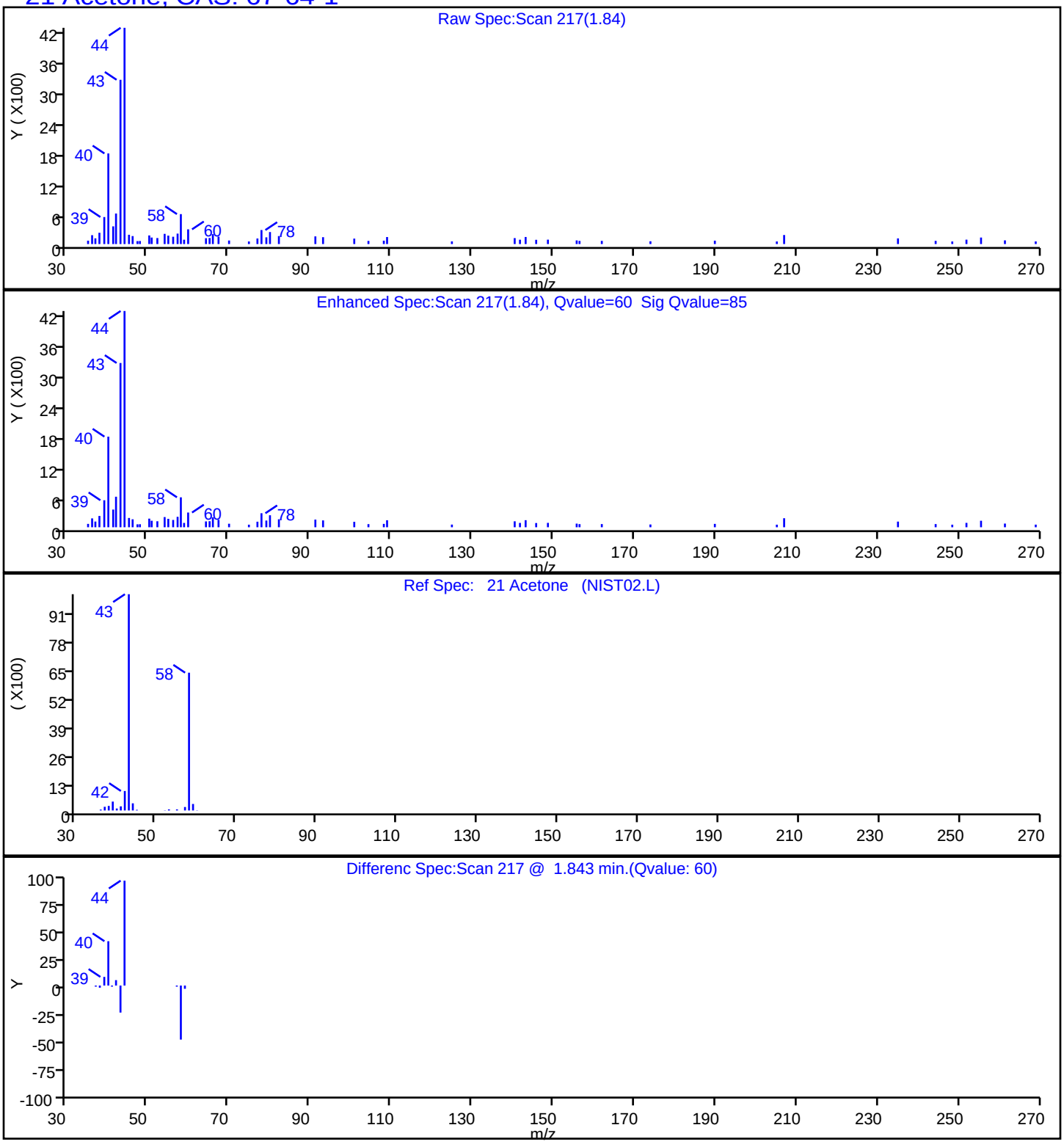
First Level Reviewer: NN6A Date: 14-Dec-2023 13:04:52

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 52.8 | 105.68 |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 50.0 | 58.2 | 116.39 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 38.5 | 76.93 |
| $ 103 4-Bromofluorobenzene | 50.0 | 56.4 | 112.77 |

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11201.D | | | | |
| Injection Date: | 14-Dec-2023 12:38:30 | Instrument ID: | CVOAMS2 | | |
| Lims ID: | 460-294432-D-10-A | Lab Sample ID: | 460-294432-10 | | |
| Client ID: | SB-4 (10-11) | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN | | |

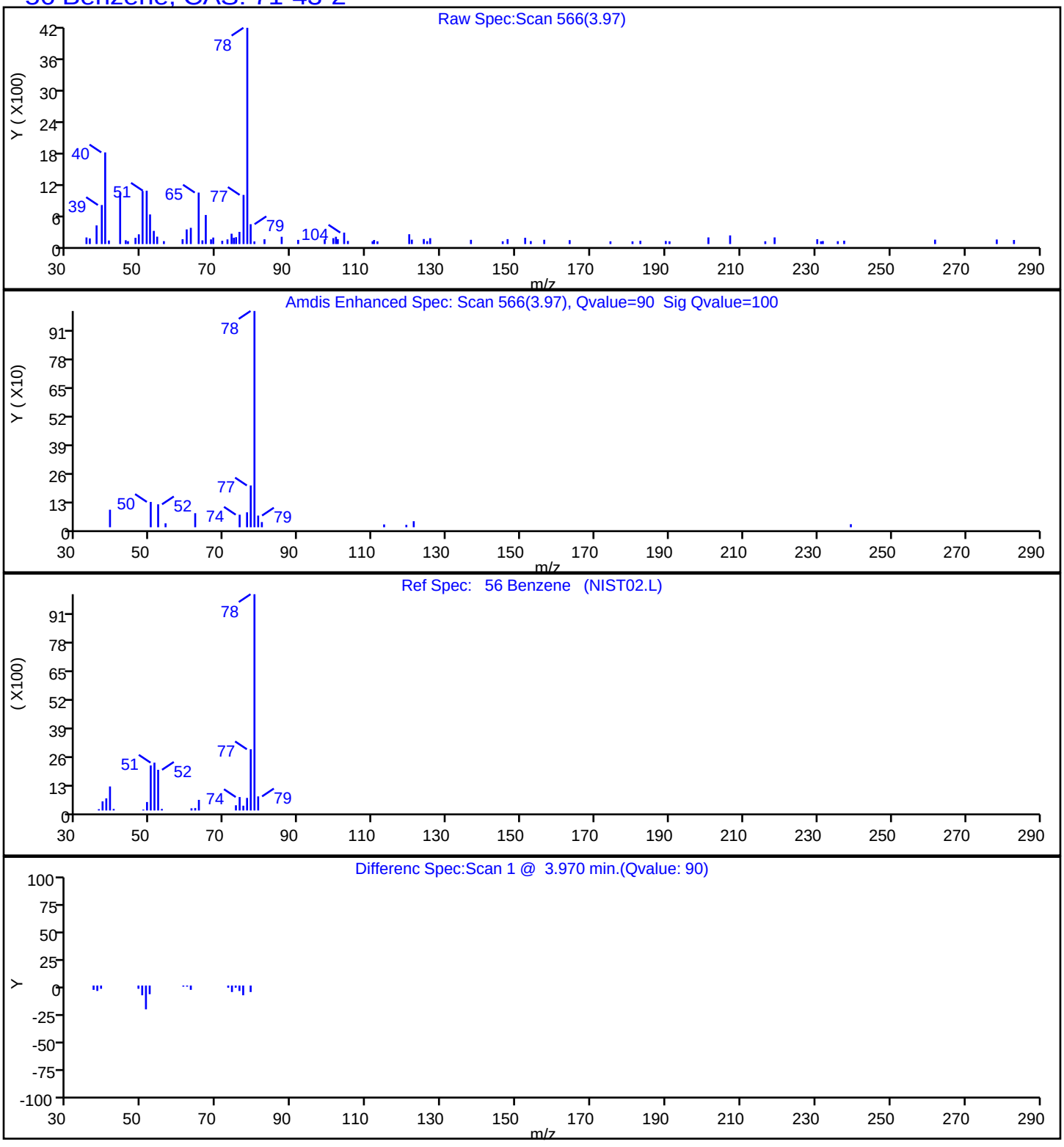
## 21 Acetone, CAS: 67-64-1



Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11201.D | | |
| Injection Date: | 14-Dec-2023 12:38:30 | Instrument ID: | CVOAMS2 |
| Lims ID: | 460-294432-D-10-A | Lab Sample ID: | 460-294432-10 |
| Client ID: | SB-4 (10-11) | | |
| Operator ID: | | ALS Bottle#: | 17 Worklist Smp#: 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN |

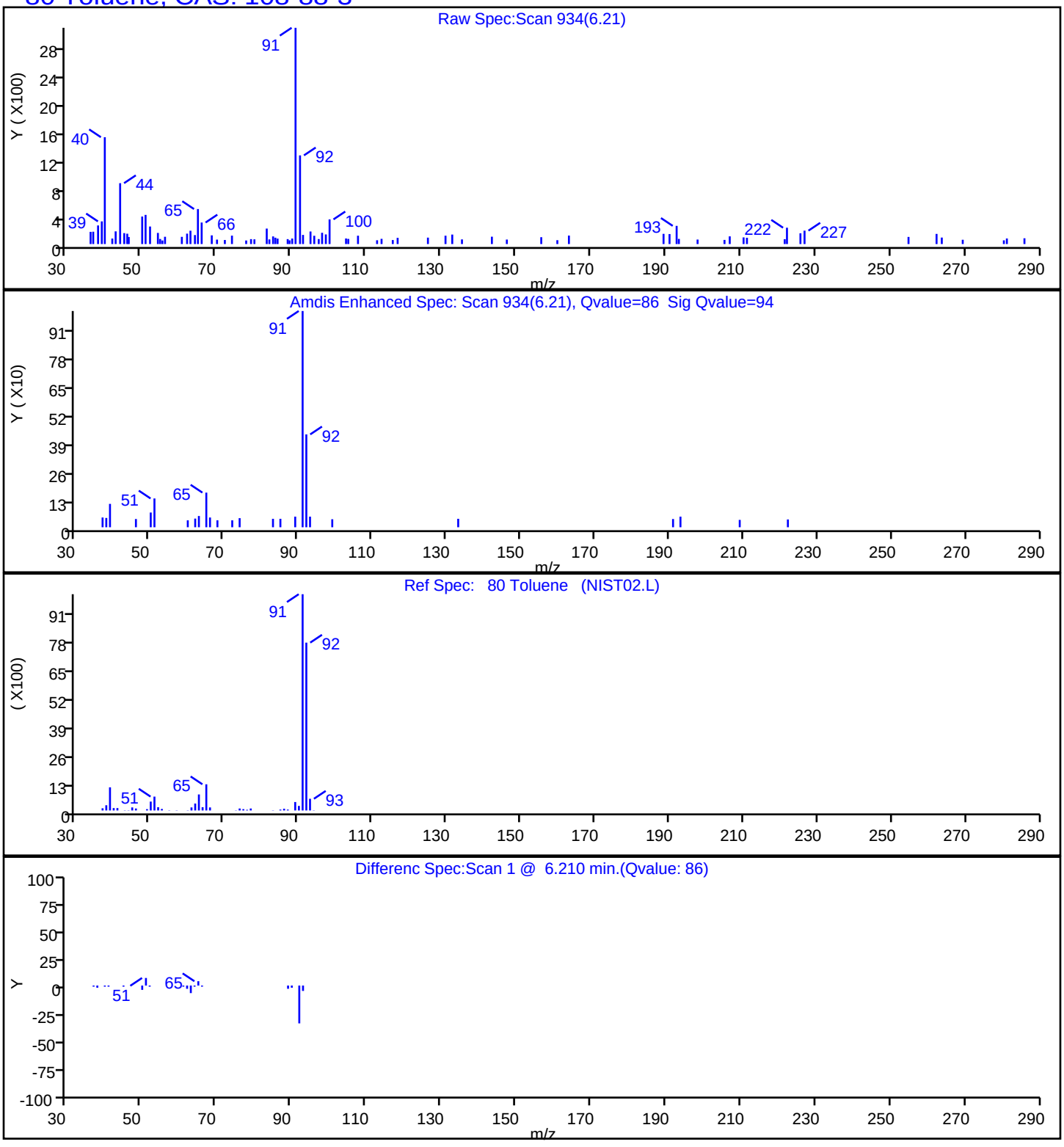
## 56 Benzene, CAS: 71-43-2



Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11201.D | | |
| Injection Date: | 14-Dec-2023 12:38:30 | Instrument ID: | CVOAMS2 |
| Lims ID: | 460-294432-D-10-A | Lab Sample ID: | 460-294432-10 |
| Client ID: | SB-4 (10-11) | | |
| Operator ID: | | ALS Bottle#: | 17 Worklist Smp#: 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN |

## 80 Toluene, CAS: 108-88-3



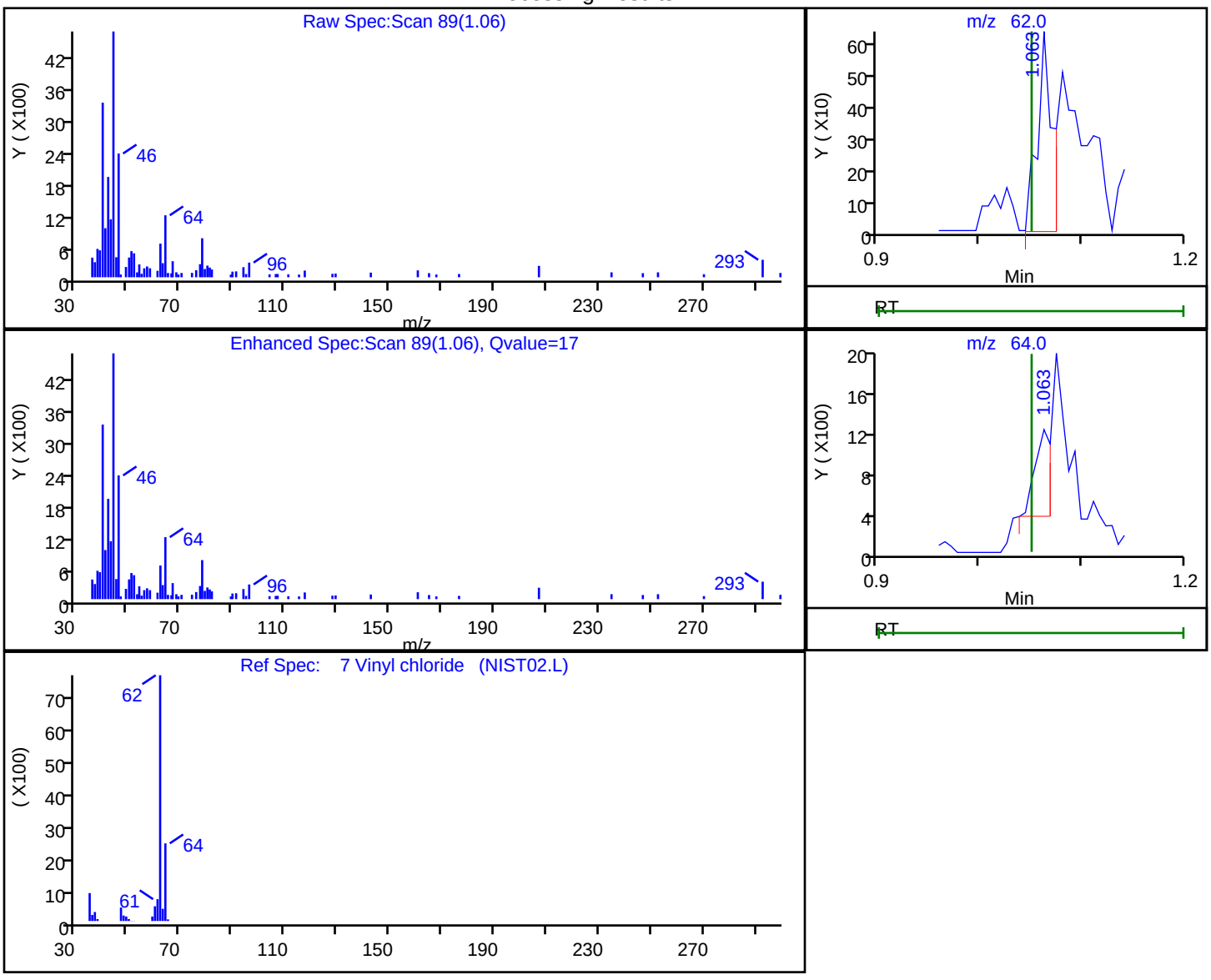
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11201.D | | | | |
| Injection Date: | 14-Dec-2023 12:38:30 | Instrument ID: | CVOAMS2 | | |
| Lims ID: | 460-294432-D-10-A | Lab Sample ID: | 460-294432-10 | | |
| Client ID: | SB-4 (10-11) | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN | | |

## 7 Vinyl chloride, CAS: 75-01-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.06 | 62.00 | 648 | 0.199791 |
| 1.06 | 64.00 | 916 | |

Reviewer: NN6A, 14-Dec-2023 13:04:31 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-BD-1 | Lab Sample ID: 460-294432-11

Matrix: Solid | Lab File ID: D10453.D

Analysis Method: 8260D | Date Collected: 12/12/2023 00:00

Sample wt/vol: 6.39(g) | Date Analyzed: 12/13/2023 18:35

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) Y pH:

% Moisture: 5.3 % Solids: 94.7 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.19 | U | 0.83 | 0.19 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.18 | U | 0.83 | 0.18 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.25 | U | 0.83 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.15 | U | 0.83 | 0.15 |
| 75-34-3 | 1,1-Dichloroethane | 0.17 | U | 0.83 | 0.17 |
| 75-35-4 | 1,1-Dichloroethene | 0.19 | U | 0.83 | 0.19 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.15 | U | 0.83 | 0.15 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.30 | U | 0.83 | 0.30 |
| 78-87-5 | 1,2-Dichloropropane | 0.35 | U | 0.83 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.30 | U | 0.83 | 0.30 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.83 | 0.19 |
| 123-91-1 | 1,4-Dioxane | 7.6 | U | 83 | 7.6 |
| 78-93-3 | 2-Butanone (MEK) | 0.30 | U | 4.1 | 0.30 |
| 591-78-6 | 2-Hexanone | 1.4 | U | 4.1 | 1.4 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 4.1 | 1.3 |
| 67-64-1 | Acetone | 4.7 | U | 5.0 | 4.7 |
| 71-43-2 | Benzene | 0.21 | U | 0.83 | 0.21 |
| 75-25-2 | Bromoform | 0.35 | U | 0.83 | 0.35 |
| 74-83-9 | Bromomethane | 0.83 | U | 1.7 | 0.83 |
| 75-15-0 | Carbon disulfide | 0.22 | U | 0.83 | 0.22 |
| 56-23-5 | Carbon tetrachloride | 0.32 | U | 0.83 | 0.32 |
| 108-90-7 | Chlorobenzene | 0.15 | U | 0.83 | 0.15 |
| 74-97-5 | Chlorobromomethane | 0.23 | U | 0.83 | 0.23 |
| 124-48-1 | Chlorodibromomethane | 0.16 | U | 0.83 | 0.16 |
| 75-00-3 | Chloroethane | 0.43 | U | 0.83 | 0.43 |
| 67-66-3 | Chloroform | 0.80 | U | 0.83 | 0.80 |
| 74-87-3 | Chloromethane | 0.36 | U | 0.83 | 0.36 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.30 | U | 0.83 | 0.30 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.23 | U | 0.83 | 0.23 |
| 110-82-7 | Cyclohexane | 0.18 | U | 0.83 | 0.18 |
| 75-27-4 | Dichlorobromomethane | 0.21 | U | 0.83 | 0.21 |
| 75-71-8 | Dichlorodifluoromethane | 0.28 | U | 0.83 | 0.28 |
| 100-41-4 | Ethylbenzene | 0.16 | U | 0.83 | 0.16 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-BD-1 | Lab Sample ID: 460-294432-11

Matrix: Solid | Lab File ID: D10453.D

Analysis Method: 8260D | Date Collected: 12/12/2023 00:00

Sample wt/vol: 6.39(g) | Date Analyzed: 12/13/2023 18:35

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) Y pH:

% Moisture: 5.3 % Solids: 94.7 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.15 | U | 0.83 | 0.15 |
| 98-82-8 | Isopropylbenzene | 0.24 | U | 0.83 | 0.24 |
| 79-20-9 | Methyl acetate | 3.6 | U | 4.1 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 0.42 | U | 0.83 | 0.42 |
| 108-87-2 | Methylcyclohexane | 0.41 | U | 0.83 | 0.41 |
| 75-09-2 | Methylene Chloride | 0.95 | U | 1.7 | 0.95 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.14 | U | 0.83 | 0.14 |
| 95-47-6 | o-Xylene | 0.16 | U | 0.83 | 0.16 |
| 100-42-5 | Styrene | 0.23 | U | 0.83 | 0.23 |
| 127-18-4 | Tetrachloroethene | 0.25 | U | 0.83 | 0.25 |
| 108-88-3 | Toluene | 0.23 | J | 0.83 | 0.19 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.20 | U | 0.83 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.22 | U | 0.83 | 0.22 |
| 79-01-6 | Trichloroethene | 0.27 | U | 0.83 | 0.27 |
| 75-69-4 | Trichlorofluoromethane | 0.34 | U | 0.83 | 0.34 |
| 75-01-4 | Vinyl chloride | 0.45 | U | 0.83 | 0.45 |
| 107-06-2 | 1,2-Dichloroethane | 0.24 | U | 0.83 | 0.24 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.30 | U | 0.83 | 0.30 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.38 | U | 0.83 | 0.38 |
| 108-21-4 | Isopropyl acetate | 0.25 | U | 1.7 | 0.25 |
| 123-86-4 | n-Butyl acetate | 0.76 | U | 1.7 | 0.76 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 113 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 109 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 106 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10453.D
Lims ID: 460-294432-C-11-A
Client ID: SB-BD-1
Sample Type: Client
Inject. Date: 13-Dec-2023 18:35:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-11-A
Misc. Info.: 460-0170079-026
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:36:11 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:20:50

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 155387 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.709 | 4.708 | 0.000 | 37 | 121224 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.282 | 5.282 | 0.000 | 96 | 218180 | 54.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 97 | 219783 | 51.6 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 518652 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.908 | 6.908 | 0.000 | 0 | 13678 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.875 | 7.875 | 0.000 | 99 | 817843 | 52.9 | |
| 81 Toluene | 91 | 7.939 | 7.939 | 0.000 | 92 | 5653 | 0.2766 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 339502 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 226060 | 56.4 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 170253 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

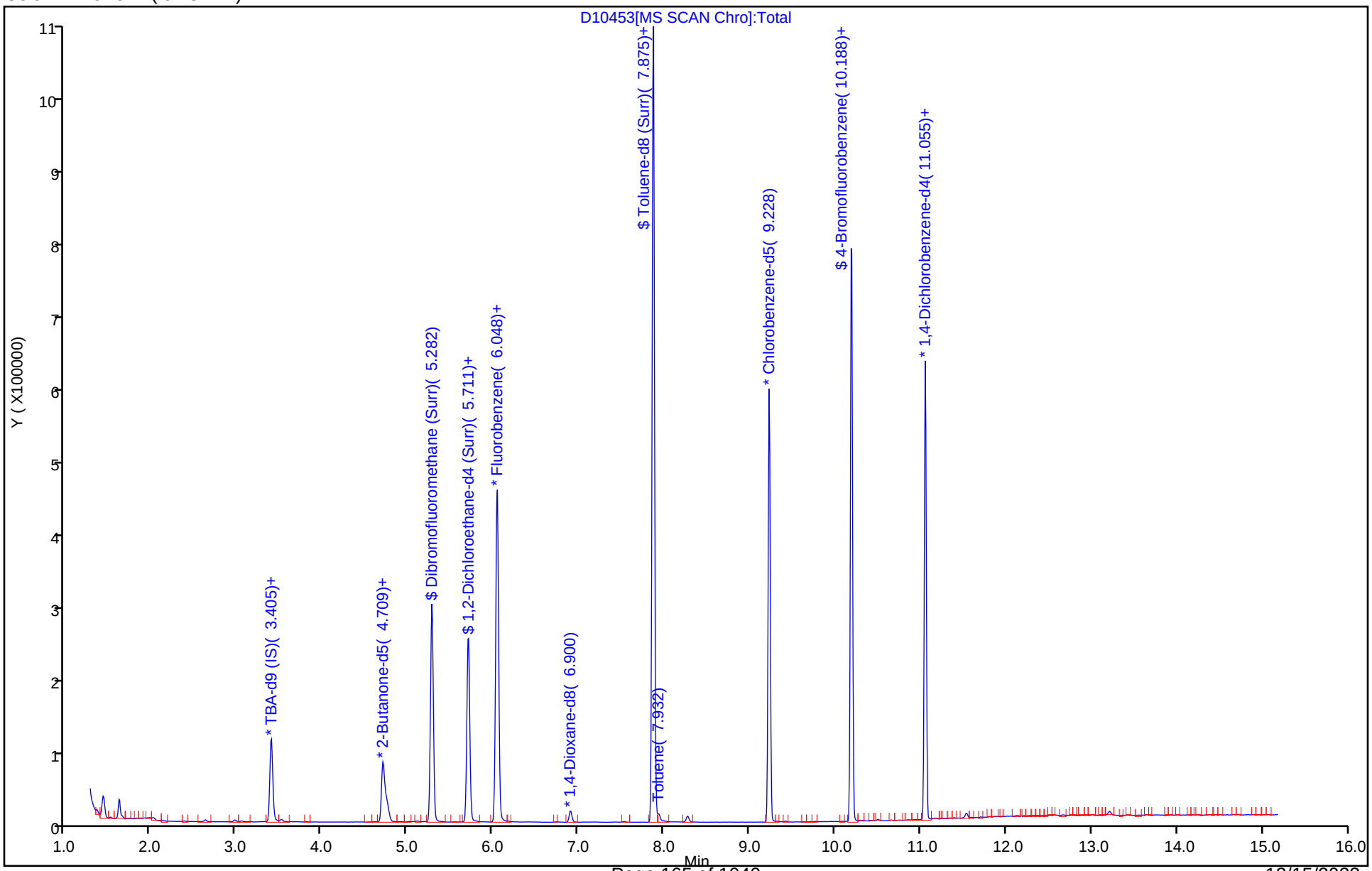
Report Date: 14-Dec-2023 11:36:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10453.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 18:35:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-294432-C-11-A | Lab Sample ID: | 460-294432-11 | Worklist Smp#: | 26 |
| Client ID: | SB-BD-1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 26 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10453.D
Lims ID: 460-294432-C-11-A
Client ID: SB-BD-1
Sample Type: Client
Inject. Date: 13-Dec-2023 18:35:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-11-A
Misc. Info.: 460-0170079-026
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:36:11 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:20:50

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 54.3 | 108.65 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.6 | 103.12 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 52.9 | 105.81 |
| $ 102 4-Bromofluorobenzene | 50.0 | 56.4 | 112.78 |

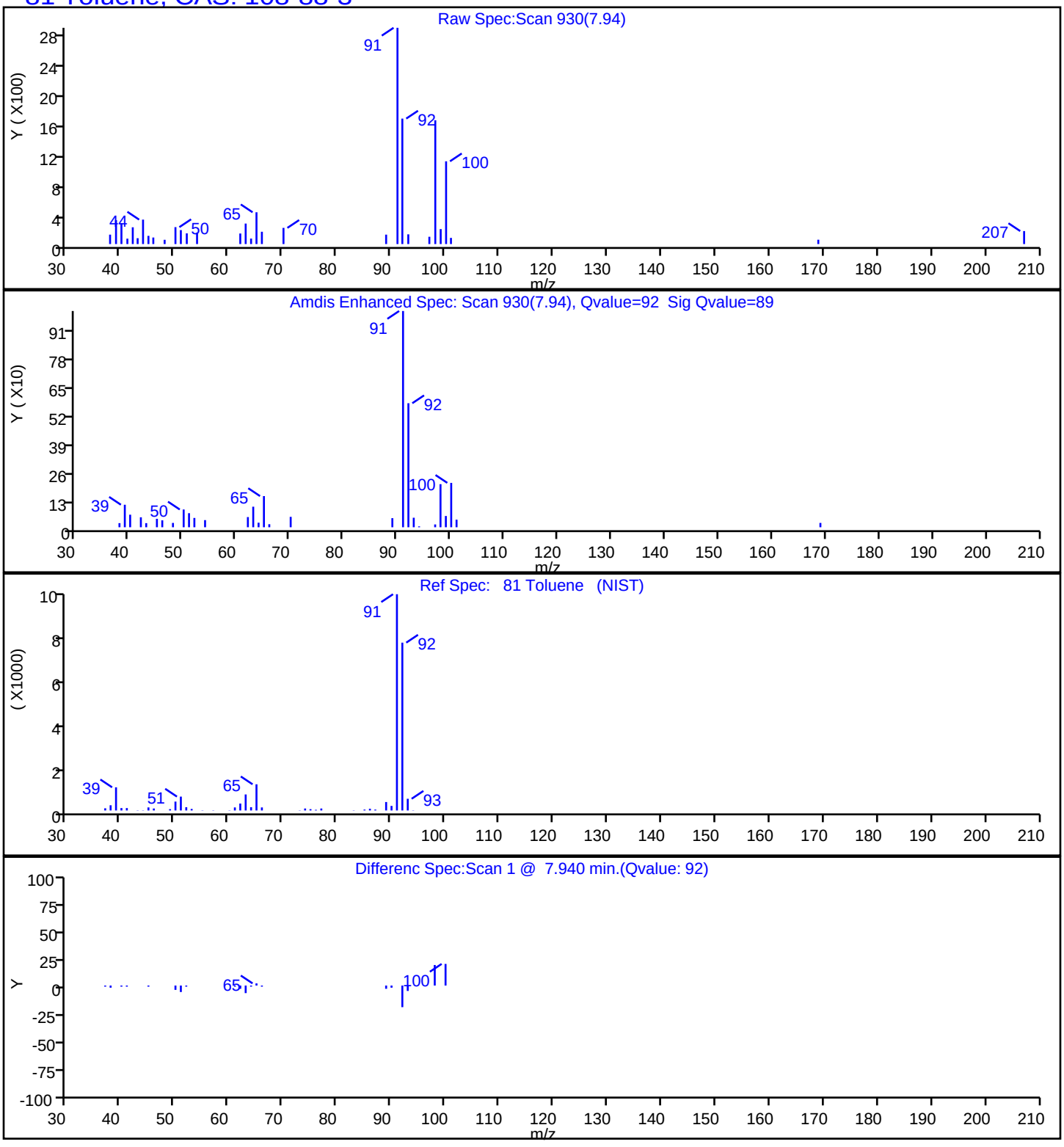
Report Date: 14-Dec-2023 11:36:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10453.D

| | | | |
|---|---|---|---|
| Injection Date: | 13-Dec-2023 18:35:30 | Instrument ID: | CVOAMS4 |
| Lims ID: | 460-294432-C-11-A | Lab Sample ID: | 460-294432-11 |
| Client ID: | SB-BD-1 | | |
| Operator ID: | | ALS Bottle#: | 26 Worklist Smp#: 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 81 Toluene, CAS: 108-88-3



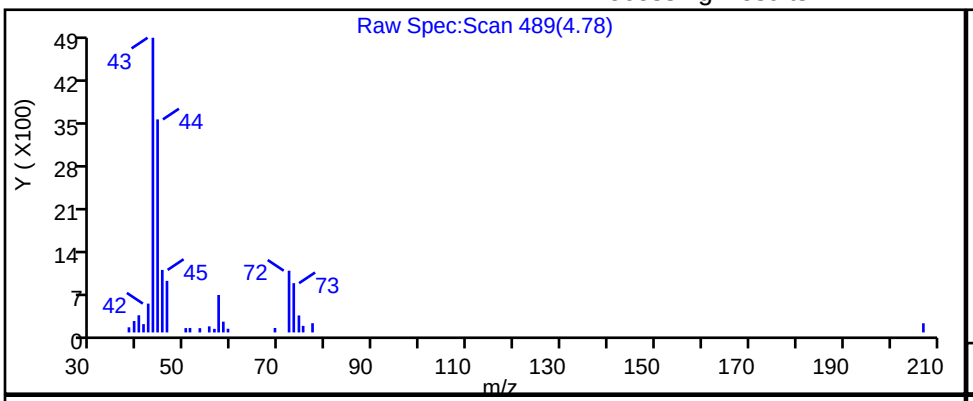
User Disabled Compound Report

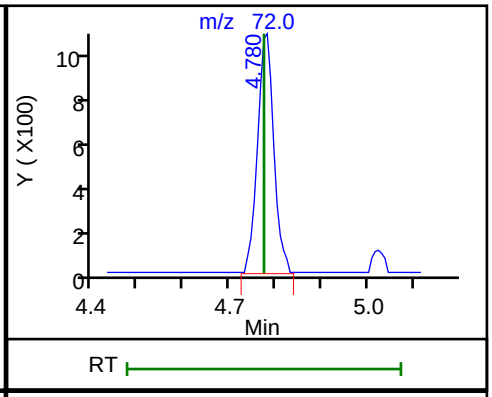
Eurofins Edison

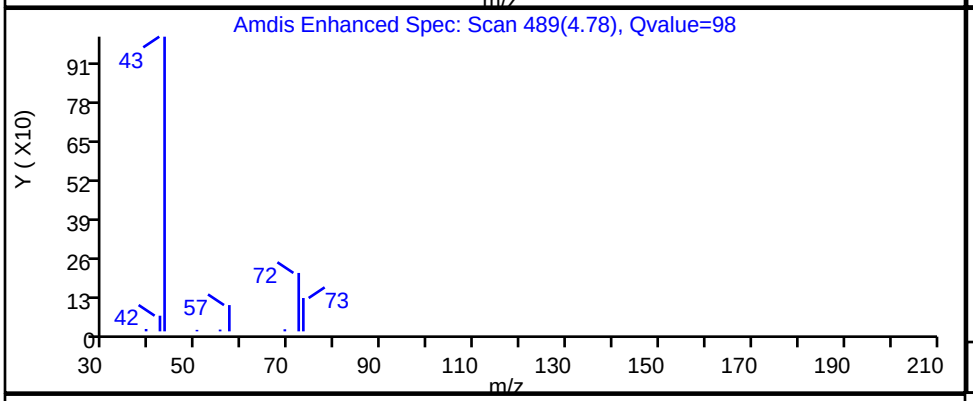
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10453.D | | | | |
| Injection Date: | 13-Dec-2023 18:35:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-294432-C-11-A | Lab Sample ID: | 460-294432-11 | | |
| Client ID: | SB-BD-1 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

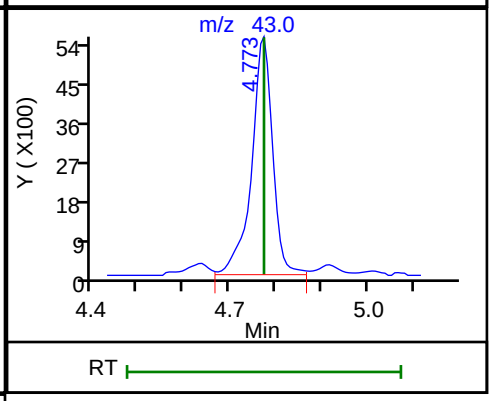
## 43 2-Butanone (MEK), CAS: 78-93-3

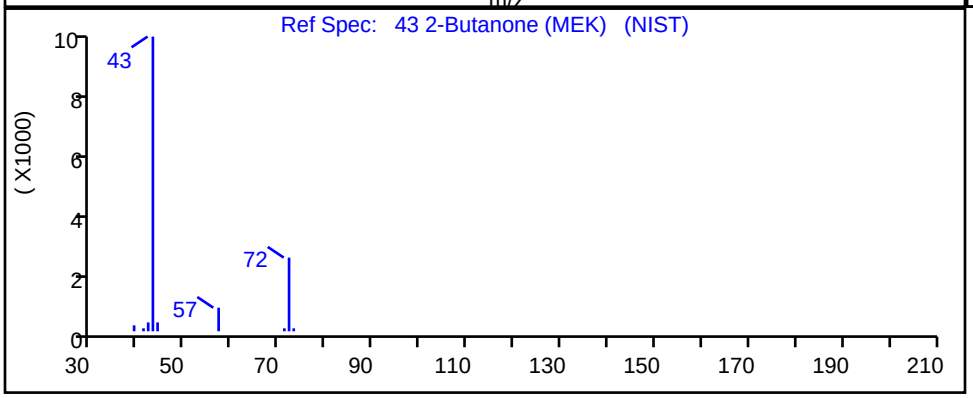
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.78 | 72.00 | 2529 | 6.852239 |
| 4.77 | 43.00 | 17533 | |

Reviewer: NN6A, 14-Dec-2023 11:36:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Edison  Job No.: 460-294432-1  Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12  GC Column: DB-624  ID: 0.18(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38  Calibration End Date: 11/22/2023 12:33  Calibration ID: 95162

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD8 460-946193/3 | O11258.d |
| Level 2 | STD05 460-946193/18 | O11259.d |
| Level 3 | STD1 460-946193/4 | O11260.d |
| Level 4 | STD5 460-946193/5 | O11261.d |
| Level 5 | STD20 460-946193/6 | O11262.d |
| Level 6 | STD50 460-946193/7 | O11263.d |
| Level 7 | STD200 460-946193/8 | O11264.d |
| Level 8 | STD500 460-946193/9 | O11265.d |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlorotrifluoroethene | +++++ 0.6584 | 0.6892 0.6094 | 0.4118 0.5831 | 0.6659 | 0.6174 | Ave | | 0.6050 | | | | 15.3 | | 20.0 | | | |
| Dichlorodifluoromethane | +++++ 0.4045 | 0.3450 0.3409 | 0.3279 0.3582 | 0.3545 | 0.3761 | Ave | | 0.3582 | | | 0.1000 | 7.1 | | 20.0 | | | |
| Chlorodifluoromethane | +++++ 0.0568 | 0.0933 0.0504 | 0.0818 0.0524 | 0.0602 | 0.0519 | Lin | 0.0191 | 0.0521 | | | | | | | 1.0000 | | 0.9900 |
| Chloromethane | +++++ 0.4050 | 0.5005 0.3455 | 0.4099 0.3538 | 0.3839 | 0.3782 | Ave | | 0.3967 | | | 0.1000 | 13.0 | | 20.0 | | | |
| Vinyl chloride | +++++ 0.3682 | 0.3223 0.3194 | 0.3214 0.3289 | 0.3362 | 0.3383 | Ave | | 0.3335 | | | 0.1000 | 5.1 | | 20.0 | | | |
| Butadiene | 0.4453 0.3648 | 0.3630 0.3220 | 0.3609 0.3247 | 0.3113 | 0.3203 | Ave | | 0.3515 | | | | 12.4 | | 20.0 | | | |
| Bromomethane | +++++ 0.2367 | 0.3587 0.2187 | 0.2909 0.1264 | 0.2398 | 0.2070 | QuaF | | 0.2747 | -0.000296 | | 0.1000 | | | | 0.9990 | | 0.9900 |
| Chloroethane | +++++ 0.2245 | 0.2617 0.1959 | 0.2400 0.2104 | 0.2060 | 0.2076 | Ave | | 0.2209 | | | 0.1000 | 10.4 | | 20.0 | | | |
| Dichlorofluoromethane | +++++ 0.5381 | 0.5400 0.5098 | 0.5459 0.5251 | 0.5255 | 0.5090 | Ave | | 0.5276 | | | | 2.8 | | 20.0 | | | |
| Trichlorofluoromethane | +++++ 0.4084 | 0.3626 0.3760 | 0.3466 0.3902 | 0.3477 | 0.3587 | Ave | | 0.3700 | | | 0.1000 | 6.2 | | 20.0 | | | |
| Pentane | +++++ 0.0609 | 0.0517 0.0513 | 0.0513 0.0507 | 0.0642 | 0.0525 | Ave | | 0.0546 | | | | 10.1 | | 20.0 | | | |
| Ethanol | +++++ 0.0581 | 0.1017 0.0535 | 0.0793 0.0526 | 0.0576 | 0.0569 | Lin2 | 0.9499 | 0.0546 | | | | | | | 0.9990 | | 0.9900 |
| 1,2-Dichloro-1,1,2-trifluoroethane | +++++ 0.2022 | 0.1880 0.2036 | 0.1753 0.2029 | 0.1880 | 0.1793 | Ave | | 0.1913 | | | | 6.1 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Ethyl ether | +++++ 0.2212 | 0.4283 0.2090 | 0.3639 0.2153 | 0.2464 | 0.2106 | Lin2 | 0.1138 | 0.2174 | | | | | | | 0.9930 | | 0.9900 |
| 2-Methyl-1,3-butadiene | +++++ 0.2541 | 0.3012 0.2300 | 0.2792 0.2390 | 0.2504 | 0.2203 | Ave | | 0.2535 | | | | 11.2 | | 20.0 | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | +++++ 0.3376 | 0.3713 0.3391 | 0.3584 0.3629 | 0.3670 | 0.3127 | Ave | | 0.3499 | | | | 6.0 | | 20.0 | | | |
| Acrolein | +++++ 1.2977 | 1.9018 1.4248 | 1.4256 1.3439 | 1.1968 | 1.2104 | Ave | | 1.4001 | | | | 17.1 | | 20.0 | | | |
| 1,1-Dichloroethene | +++++ 0.2039 | 0.2087 0.1942 | 0.2080 0.2041 | 0.2018 | 0.1741 | Ave | | 0.1993 | | | 0.1000 | 6.1 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | +++++ 0.2284 | 0.2422 0.2036 | 0.1845 0.2099 | 0.2206 | 0.1915 | Ave | | 0.2115 | | | 0.1000 | 9.7 | | 20.0 | | | |
| Acetone | +++++ 0.1611 | 0.1967 0.1817 | 0.1401 0.1712 | 0.1487 | 0.1395 | Ave | | 0.1627 | | | 0.0500 | 13.4 | | 20.0 | | | |
| Iodomethane | +++++ 0.3228 | 0.2104 0.2942 | 0.2195 0.2971 | 0.2582 | 0.2875 | Ave | | 0.2700 | | | | 15.6 | | 20.0 | | | |
| Isopropyl alcohol | +++++ 0.6019 | 0.8718 0.6765 | 0.7661 0.6811 | 0.5842 | 0.5496 | Ave | | 0.6759 | | | | 16.7 | | 20.0 | | | |
| Carbon disulfide | +++++ 0.7832 | 0.7618 0.6271 | 0.8076 0.6521 | 0.7753 | 0.6886 | Ave | | 0.7280 | | | 0.1000 | 9.8 | | 20.0 | | | |
| Acetonitrile | +++++ 0.4821 | 0.8135 0.4650 | 0.5625 +++++ | 0.5459 | 0.4633 | Lin2 | 1.5817 | 0.4690 | | | | | | | 0.9910 | | 0.9900 |
| 3-Chloro-1-propene | +++++ 0.1508 | 0.1381 0.1428 | 0.1469 0.1429 | 0.1447 | 0.1336 | Ave | | 0.1428 | | | | 4.0 | | 20.0 | | | |
| Methyl acetate | +++++ 5.8050 | 5.7714 7.6498 | 5.7931 7.4576 | 6.4691 | 5.5529 | Ave | | 6.3570 | | | 0.1000 | 13.6 | | 20.0 | | | |
| Cyclopentene | +++++ 0.4929 | 0.5429 0.4640 | 0.5406 0.5044 | 0.5644 | 0.4527 | Ave | | 0.5088 | | | | 8.3 | | 20.0 | | | |
| Methylene Chloride | +++++ 0.2640 | 0.3090 0.2420 | 0.2897 0.2475 | 0.2753 | 0.2447 | Ave | | 0.2675 | | | 0.1000 | 9.5 | | 20.0 | | | |
| 2-Methyl-2-propanol | 1.2670 1.0992 | 1.2287 1.0593 | 1.3145 1.0540 | 1.1638 | 1.0289 | Ave | | 1.1519 | | | | 9.4 | | 20.0 | | | |
| Acrylonitrile | 0.0797 0.0837 | 0.0723 0.0888 | 0.0737 0.0959 | 0.0779 | 0.0729 | Ave | | 0.0806 | | | | 10.4 | | 20.0 | | | |
| trans-1,2-Dichloroethene | +++++ 0.2294 | 0.3298 0.2225 | 0.2493 0.2376 | 0.2407 | 0.2149 | Ave | | 0.2463 | | | 0.1000 | 15.7 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Methyl tert-butyl ether | +++++ 0.8153 | 0.8060 0.8064 | 0.7964 0.8107 | 0.8502 | 0.7431 | Ave | | 0.8040 | | | 0.1000 | 4.0 | | 20.0 | | | |
| Hexane | +++++ 0.2689 | 0.3329 0.2174 | 0.2870 0.2173 | 0.2662 | 0.2309 | Ave | | 0.2601 | | | | 16.2 | | 20.0 | | | |
| 1,1-Dichloroethane | +++++ 0.4629 | 0.5651 0.4476 | 0.4716 0.4753 | 0.4801 | 0.4190 | Ave | | 0.4745 | | | 0.2000 | 9.5 | | 20.0 | | | |
| Vinyl acetate | +++++ 0.4028 | 0.3564 0.3950 | 0.4397 0.3813 | 0.3585 | 0.4065 | Ave | | 0.3915 | | | | 7.5 | | 20.0 | | | |
| Isopropyl ether | +++++ 0.9384 | 0.9928 0.9014 | 0.9525 0.9180 | 0.9376 | 0.8496 | Ave | | 0.9272 | | | | 4.8 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | +++++ 0.2408 | 0.2515 0.2299 | 0.2336 0.2440 | 0.2459 | 0.2161 | Ave | | 0.2374 | | | | 5.0 | | 20.0 | | | |
| Tert-butyl ethyl ether | +++++ 0.8931 | 0.8476 0.8611 | 0.8796 0.8917 | 0.8743 | 0.8175 | Ave | | 0.8664 | | | | 3.1 | | 20.0 | | | |
| 2,2-Dichloropropane | +++++ 0.0908 | 0.1047 0.0844 | 0.1040 0.0882 | 0.1054 | 0.0813 | Ave | | 0.0941 | | | | 11.0 | | 20.0 | | | |
| cis-1,2-Dichloroethene | +++++ 0.2628 | 0.3092 0.2596 | 0.2744 0.2792 | 0.2669 | 0.2411 | Ave | | 0.2705 | | | 0.1000 | 7.8 | | 20.0 | | | |
| 2-Butanone (MEK) | +++++ 0.2747 | 0.2700 0.2780 | 0.2677 0.2725 | 0.2675 | 0.2498 | Ave | | 0.2686 | | | 0.0500 | 3.4 | | 20.0 | | | |
| Propionitrile | +++++ 1.6213 | 1.6806 1.7467 | 1.4478 1.6233 | 1.5142 | 1.4747 | Ave | | 1.5869 | | | | 7.0 | | 20.0 | | | |
| Ethyl acetate | +++++ 2.4193 | 3.1055 2.4123 | 2.9225 2.4310 | 2.4081 | 2.2556 | Ave | | 2.5649 | | | | 12.4 | | 20.0 | | | |
| Methyl acrylate | +++++ 0.2812 | 0.3443 0.2660 | 0.3813 0.3319 | 0.2970 | 0.2683 | Ave | | 0.3100 | | | | 14.1 | | 20.0 | | | |
| Methacrylonitrile | +++++ 0.1158 | 0.1211 0.1160 | 0.1189 0.1237 | 0.1175 | 0.1062 | Ave | | 0.1170 | | | | 4.7 | | 20.0 | | | |
| Chlorobromomethane | +++++ 0.1204 | 0.1524 0.1162 | 0.1239 0.1221 | 0.1100 | 0.1094 | Ave | | 0.1220 | | | | 11.9 | | 20.0 | | | |
| Tetrahydrofuran | +++++ 0.5880 | 1.2035 0.6159 | 0.6562 0.6500 | 0.6264 | 0.5412 | QuaF | | 0.5905 | 0.0000595 | | | | | | 1.0000 | | 0.9900 |
| Chloroform | +++++ 0.4322 | 0.5007 0.4185 | 0.4840 0.4425 | 0.4680 | 0.4097 | Ave | | 0.4508 | | | 0.2000 | 7.6 | | 20.0 | | | |
| 1,1,1-Trichloroethane | +++++ 0.3860 | 0.4301 0.3570 | 0.3990 0.3744 | 0.3898 | 0.3399 | Ave | | 0.3823 | | | 0.1000 | 7.6 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Cyclohexane | +++++ 0.3372 | 0.3207 0.2858 | 0.2770 0.2957 | 0.3318 | 0.2850 | Ave | | 0.3048 | | | 0.1000 | 8.1 | | 20.0 | | | |
| 1,1-Dichloropropene | +++++ 0.3690 | 0.4206 0.3380 | 0.3668 0.3509 | 0.3673 | 0.3243 | Ave | | 0.3624 | | | | 8.5 | | 20.0 | | | |
| Carbon tetrachloride | +++++ 0.2994 | 0.2980 0.2794 | 0.2842 0.3002 | 0.2889 | 0.2568 | Ave | | 0.2867 | | | 0.1000 | 5.4 | | 20.0 | | | |
| Isobutyl alcohol | +++++ 0.6228 | 0.7924 0.6341 | 0.4910 0.5849 | 0.5560 | 0.5676 | Ave | | 0.6070 | | | | 15.5 | | 20.0 | | | |
| Benzene | +++++ 1.3885 | 1.6382 1.2719 | 1.4956 1.3022 | 1.4555 | 1.3311 | Ave | | 1.4119 | | | 0.5000 | 9.1 | | 20.0 | | | |
| 1,2-Dichloroethane | +++++ 0.3696 | 0.4303 0.3557 | 0.3953 0.3671 | 0.3747 | 0.3520 | Ave | | 0.3778 | | | 0.1000 | 7.2 | | 20.0 | | | |
| Isopropyl acetate | +++++ 0.1082 | 0.0912 0.1089 | 0.0867 0.1141 | 0.1042 | 0.0998 | Ave | | 0.1019 | | | | 9.8 | | 20.0 | | | |
| Isooctane | +++++ 0.5255 | 0.7383 0.4952 | 0.5892 0.5013 | 0.5326 | 0.4460 | Lin2 | 0.1187 | 0.4913 | | | | | | | 0.9960 | | 0.9900 |
| Tert-amyl methyl ether | +++++ 0.8170 | 0.7982 0.7930 | 0.8018 0.8299 | 0.7719 | 0.7351 | Ave | | 0.7924 | | | | 3.9 | | 20.0 | | | |
| n-Heptane | +++++ 0.2160 | 0.2314 0.1804 | 0.2798 0.1792 | 0.2147 | 0.1854 | Ave | | 0.2124 | | | | 17.0 | | 20.0 | | | |
| n-Butanol | +++++ 0.4219 | 0.5916 0.4283 | 0.4397 0.3912 | 0.4209 | 0.3984 | Ave | | 0.4417 | | | | 15.4 | | 20.0 | | | |
| Trichloroethene | +++++ 0.2835 | 0.3107 0.2627 | 0.3252 0.2699 | 0.2849 | 0.2545 | Ave | | 0.2845 | | | 0.2000 | 9.0 | | 20.0 | | | |
| Ethyl acrylate | +++++ 0.3842 | 0.3975 0.3859 | 0.2883 0.4134 | 0.3385 | 0.3354 | Ave | | 0.3633 | | | | 12.1 | | 20.0 | | | |
| Methylcyclohexane | +++++ 0.3160 | 0.2924 0.2805 | 0.2769 0.2854 | 0.2968 | 0.2589 | Ave | | 0.2867 | | | 0.1000 | 6.2 | | 20.0 | | | |
| 1,2-Dichloropropane | +++++ 0.2916 | 0.3385 0.2749 | 0.3188 0.2893 | 0.2923 | 0.2689 | Ave | | 0.2963 | | | 0.1000 | 8.2 | | 20.0 | | | |
| Dibromomethane | +++++ 0.1552 | 0.1805 0.1520 | 0.1605 0.1609 | 0.1663 | 0.1428 | Ave | | 0.1597 | | | | 7.4 | | 20.0 | | | |
| Methyl methacrylate | +++++ 0.0810 | 0.0790 0.0788 | 0.0825 0.0825 | 0.0789 | 0.0737 | Ave | | 0.0795 | | | | 3.8 | | 20.0 | | | |
| 1,4-Dioxane | +++++ 1.1888 | 1.1498 1.0766 | 1.1388 0.9563 | 1.1801 | 1.1689 | Ave | | 1.1228 | | | | 7.3 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| n-Propyl acetate | +++++ 0.4248 | 0.4951 0.4159 | 0.4651 0.4364 | 0.3993 | 0.3714 | Ave | | 0.4297 | | | | 9.6 | | 20.0 | | | |
| Dichlorobromomethane | +++++ 0.3515 | 0.3871 0.3462 | 0.3444 0.3657 | 0.3313 | 0.3217 | Ave | | 0.3497 | | | 0.2000 | 6.2 | | 20.0 | | | |
| 2-Nitropropane | +++++ 0.0724 | 0.1363 0.0775 | 0.0888 0.0876 | 0.0728 | 0.0644 | Qua2 | 0.0672 | 0.0645 | 0.0000246 | | | | | | 0.9940 | | 0.9900 |
| 2-Chloroethyl vinyl ether | +++++ 0.2008 | 0.1328 0.2019 | 0.1501 0.2173 | 0.1617 | 0.1699 | Ave | | 0.1763 | | | | 17.6 | | 20.0 | | | |
| Epichlorohydrin | 0.3307 0.2765 | 0.3097 0.2740 | 0.2966 0.2800 | 0.2690 | 0.2597 | Ave | | 0.2870 | | | | 8.2 | | 20.0 | | | |
| cis-1,3-Dichloropropene | +++++ 0.6134 | 0.5476 0.5835 | 0.5914 0.6062 | 0.6324 | 0.5811 | Ave | | 0.5937 | | | 0.2000 | 4.6 | | 20.0 | | | |
| 4-Methyl-2-pentanone (MIBK) | +++++ 2.4760 | 2.4148 2.5295 | 2.3434 2.4944 | 2.3289 | 2.2802 | Ave | | 2.4096 | | | 0.0500 | 3.9 | | 20.0 | | | |
| Toluene | +++++ 1.4971 | 2.0357 1.4117 | 1.8242 1.4439 | 1.5697 | 1.4201 | Ave | | 1.6004 | | | 0.4000 | 15.0 | | 20.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.5774 | 0.6852 0.5653 | 0.5583 0.5947 | 0.5691 | 0.5356 | Ave | | 0.5837 | | | 0.1000 | 8.3 | | 20.0 | | | |
| Ethyl methacrylate | +++++ 0.4801 | 0.5520 0.4872 | 0.4553 0.5097 | 0.4754 | 0.4264 | Ave | | 0.4837 | | | | 8.2 | | 20.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.2772 | 0.3507 0.2650 | 0.2724 0.2772 | 0.2740 | 0.2619 | Ave | | 0.2826 | | | 0.1000 | 10.8 | | 20.0 | | | |
| Tetrachloroethene | +++++ 0.2929 | 0.3085 0.2736 | 0.3343 0.2847 | 0.3024 | 0.2722 | Ave | | 0.2955 | | | 0.2000 | 7.4 | | 20.0 | | | |
| 1,3-Dichloropropane | +++++ 0.5772 | 0.6550 0.5560 | 0.5834 0.5718 | 0.6174 | 0.5555 | Ave | | 0.5881 | | | | 6.1 | | 20.0 | | | |
| 2-Hexanone | +++++ 1.7140 | 1.5915 1.7832 | 1.5343 1.7647 | 1.6623 | 1.5307 | Ave | | 1.6544 | | | 0.0500 | 6.3 | | 20.0 | | | |
| Chlorodibromomethane | +++++ 0.2957 | 0.2837 0.3067 | 0.2765 0.3340 | 0.2863 | 0.2761 | Ave | | 0.2941 | | | 0.1000 | 7.0 | | 20.0 | | | |
| n-Butyl acetate | +++++ 0.5532 | 0.6469 0.5726 | 0.5750 0.6018 | 0.4997 | 0.4924 | Ave | | 0.5631 | | | | 9.7 | | 20.0 | | | |
| Ethylene Dibromide | +++++ 0.3283 | 0.2778 0.3155 | 0.2768 0.3241 | 0.3220 | 0.3112 | Ave | | 0.3079 | | | 0.1000 | 7.0 | | 20.0 | | | |
| Chlorobenzene | +++++ 0.8935 | 1.0482 0.8680 | 0.9651 0.9109 | 0.9215 | 0.8636 | Ave | | 0.9244 | | | 0.5000 | 7.0 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.2889 | 0.2762 0.2896 | 0.2680 0.3100 | 0.2742 | 0.2698 | Ave | | 0.2824 | | | | 5.3 | | 20.0 | | | |
| Ethylbenzene | +++++ 0.4812 | 0.5568 0.4538 | 0.5477 0.4703 | 0.4915 | 0.4490 | Ave | | 0.4929 | | | 0.1000 | 8.8 | | 20.0 | | | |
| m-Xylene & p-Xylene | +++++ 0.5648 | 0.5809 0.5412 | 0.6032 0.5661 | 0.5688 | 0.5283 | Ave | | 0.5647 | | | 0.1000 | 4.4 | | 20.0 | | | |
| o-Xylene | +++++ 0.5680 | 0.6001 0.5572 | 0.5592 0.5850 | 0.5652 | 0.5373 | Ave | | 0.5674 | | | 0.3000 | 3.6 | | 20.0 | | | |
| Styrene | +++++ 1.0023 | 1.0950 0.9998 | 0.9921 1.0610 | 0.9769 | 0.9306 | Ave | | 1.0082 | | | 0.3000 | 5.4 | | 20.0 | | | |
| n-Butyl acrylate | +++++ 0.2295 | 0.2039 0.2675 | 0.2410 0.3042 | 0.1973 | 0.1934 | Ave | | 0.2338 | | | | 17.5 | | 20.0 | | | |
| Bromoform | +++++ 0.1927 | 0.1969 0.2112 | 0.2006 0.2320 | 0.1699 | 0.1701 | Ave | | 0.1962 | | | 0.1000 | 11.2 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | +++++ 1.0695 | 1.2624 1.1425 | 1.1113 1.3147 | 1.0079 | 0.9491 | Ave | | 1.1225 | | | | 11.7 | | 20.0 | | | |
| Isopropylbenzene | +++++ 1.3311 | 1.4653 1.2772 | 1.3746 1.3350 | 1.2959 | 1.1914 | Ave | | 1.3244 | | | 0.1000 | 6.4 | | 20.0 | | | |
| Bromobenzene | +++++ 0.7275 | 0.8150 0.7000 | 0.8116 0.7293 | 0.7894 | 0.7246 | Ave | | 0.7568 | | | | 6.2 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 0.8588 | 0.9934 0.8277 | 0.9886 0.8713 | 0.9069 | 0.8483 | Ave | | 0.8993 | | | 0.3000 | 7.5 | | 20.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.7540 | 1.0025 0.7095 | 0.8344 0.7222 | 0.7870 | 0.7303 | Ave | | 0.7914 | | | | 13.0 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | +++++ 0.3970 | 0.4485 0.3961 | 0.3997 0.4268 | 0.3960 | 0.3593 | Ave | | 0.4033 | | | | 6.9 | | 20.0 | | | |
| N-Propylbenzene | +++++ 2.9434 | 3.3654 2.8272 | 3.1686 2.8362 | 2.9008 | 2.7469 | Ave | | 2.9698 | | | | 7.4 | | 20.0 | | | |
| 2-Chlorotoluene | +++++ 2.0147 | 2.5215 1.8918 | 2.2115 1.9576 | 2.1160 | 1.9567 | Ave | | 2.0957 | | | | 10.3 | | 20.0 | | | |
| 4-Ethyltoluene | +++++ 2.3059 | 2.6212 2.2086 | 2.3918 2.3024 | 2.2731 | 2.1680 | Ave | | 2.3244 | | | | 6.4 | | 20.0 | | | |
| 4-Chlorotoluene | +++++ 2.2928 | 2.6699 2.1761 | 2.5091 2.2373 | 2.3376 | 2.1766 | Ave | | 2.3428 | | | | 7.9 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 1.7976 | 2.0629 1.6908 | 1.9579 1.7427 | 1.8288 | 1.7399 | Ave | | 1.8315 | | | | 7.3 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Butyl Methacrylate | +++++ 0.6225 | 0.4897 0.7045 | 0.6147 +++++ | 0.5455 | 0.5508 | Ave | | 0.5880 | | | | 12.8 | | 20.0 | | | |
| tert-Butylbenzene | +++++ 1.5416 | 1.6246 1.4909 | 1.4852 1.5675 | 1.5028 | 1.3986 | Ave | | 1.5159 | | | | 4.7 | | 20.0 | | | |
| 1,2,4-Trimethylbenzene | +++++ 1.8500 | 2.1968 1.7651 | 2.1056 1.8360 | 1.9941 | 1.7696 | Ave | | 1.9310 | | | | 8.8 | | 20.0 | | | |
| sec-Butylbenzene | +++++ 2.1618 | 2.2681 2.0896 | 2.1165 2.1763 | 2.0362 | 1.8975 | Ave | | 2.1066 | | | | 5.6 | | 20.0 | | | |
| 1,3-Dichlorobenzene | +++++ 1.2444 | 1.2859 1.1712 | 1.3342 1.2289 | 1.2889 | 1.1776 | Ave | | 1.2473 | | | 0.6000 | 4.8 | | 20.0 | | | |
| 4-Isopropyltoluene | +++++ 1.6779 | 1.6819 1.6955 | 1.7570 1.8171 | 1.5673 | 1.5027 | Ave | | 1.6713 | | | | 6.4 | | 20.0 | | | |
| 1,4-Dichlorobenzene | +++++ 1.2628 | 1.1782 1.2171 | 1.3956 1.2954 | 1.2666 | 1.2072 | Ave | | 1.2604 | | | 0.5000 | 5.7 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | +++++ 1.9871 | 2.2397 1.8655 | 2.1488 1.9766 | 2.1303 | 1.9865 | Ave | | 2.0478 | | | | 6.3 | | 20.0 | | | |
| Benzyl chloride | +++++ 0.3225 | 0.3767 0.3438 | 0.2414 0.3680 | 0.3078 | 0.2926 | Ave | | 0.3218 | | | | 14.5 | | 20.0 | | | |
| Indan | +++++ 2.3059 | 2.2874 2.2284 | 2.4029 2.2808 | 2.3191 | 2.2057 | Ave | | 2.2900 | | | | 2.8 | | 20.0 | | | |
| 1,2-Dichlorobenzene | +++++ 1.2205 | 1.2259 1.1952 | 1.3046 1.2547 | 1.2273 | 1.1852 | Ave | | 1.2305 | | | 0.4000 | 3.2 | | 20.0 | | | |
| p-Diethylbenzene | +++++ 0.9721 | 1.0668 0.9438 | 0.9142 1.0235 | 0.9244 | 0.8734 | Ave | | 0.9597 | | | | 7.0 | | 20.0 | | | |
| n-Butylbenzene | +++++ 0.7912 | 0.7287 0.7496 | 0.8805 0.8082 | 0.7765 | 0.6997 | Ave | | 0.7763 | | | | 7.6 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | +++++ 1.9454 | 2.4272 1.5489 | 2.1010 1.3207 | 2.0553 | 1.8782 | Ave | | 1.8967 | | | | 19.3 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | +++++ 0.1722 | 0.1388 0.1778 | 0.1757 0.1881 | 0.1691 | 0.1596 | Ave | | 0.1687 | | | 0.0500 | 9.4 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | +++++ 0.6209 | 0.7464 0.5212 | 0.7002 0.5308 | 0.6526 | 0.6104 | Ave | | 0.6261 | | | | 13.2 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | +++++ 0.6100 | 0.6580 0.5190 | 0.6801 0.5299 | 0.6621 | 0.6058 | Ave | | 0.6093 | | | 0.2000 | 10.5 | | 20.0 | | | |
| Hexachlorobutadiene | +++++ 0.2196 | 0.2004 0.2053 | 0.2278 0.2149 | 0.2048 | 0.1849 | Ave | | 0.2083 | | | | 6.7 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Naphthalene | +++++<br>2.1449 | 2.7760<br>1.7205 | 2.3915<br>1.6510 | 2.3911 | 2.2091 | Ave | | 2.1834 | | | | 18.1 | | 20.0 | | | |
| 1,2,3-Trichlorobenzene | +++++<br>0.5901 | 0.6815<br>0.4921 | 0.6533<br>0.4749 | 0.5990 | 0.5634 | Ave | | 0.5792 | | | | 13.2 | | 20.0 | | | |
| Dibromofluoromethane (Surr) | 0.1776<br>0.1766 | 0.1621<br>0.1581 | 0.1734<br>0.1761 | 0.1634 | 0.1632 | Ave | | 0.1688 | | | | 4.7 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.2574<br>0.2496 | 0.2420<br>0.2324 | 0.2541<br>0.2513 | 0.2425 | 0.2316 | Ave | | 0.2451 | | | | 3.9 | | 20.0 | | | |
| Toluene-d8 (Surr) | 1.0722<br>1.0503 | 0.9940<br>0.9540 | 1.0580<br>1.0087 | 0.9971 | 1.0045 | Ave | | 1.0173 | | | | 3.9 | | 20.0 | | | |
| 4-Bromofluorobenzene | 0.2914<br>0.2802 | 0.2678<br>0.2556 | 0.2804<br>0.2754 | 0.2676 | 0.2731 | Ave | | 0.2739 | | | | 3.9 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 | Calibration End Date: 11/22/2023 12:33 | Calibration ID: 95162

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD8 460-946193/3 | O11258.d |
| Level 2 | STD05 460-946193/18 | O11259.d |
| Level 3 | STD1 460-946193/4 | O11260.d |
| Level 4 | STD5 460-946193/5 | O11261.d |
| Level 5 | STD20 460-946193/6 | O11262.d |
| Level 6 | STD50 460-946193/7 | O11263.d |
| Level 7 | STD200 460-946193/8 | O11264.d |
| Level 8 | STD500 460-946193/9 | O11265.d |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Chlorotrifluoroethene | BUT | Ave | +++++<br>38485 | 410<br>143676 | 488<br>369297 | 3964 | 14185 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Dichlorodifluoromethane | FB | Ave | +++++<br>201481 | 1789<br>696550 | 3345<br>1870399 | 18012 | 76376 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Chlorodifluoromethane | FB | Lin | +++++<br>28313 | 484<br>103064 | 834<br>273370 | 3060 | 10539 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Chloromethane | FB | Ave | +++++<br>201736 | 2595<br>705856 | 4181<br>1847374 | 19506 | 76807 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Vinyl chloride | FB | Ave | +++++<br>183379 | 1671<br>652628 | 3278<br>1717011 | 17079 | 68691 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Butadiene | FB | Ave | 1165<br>181690 | 1882<br>657962 | 3681<br>1695535 | 15815 | 65054 | 0.250<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Bromomethane | FB | QuaF | +++++<br>117916 | 1860<br>446765 | 2967<br>660147 | 12183 | 42039 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Chloroethane | FB | Ave | +++++<br>111798 | 1357<br>400353 | 2448<br>1098691 | 10464 | 42157 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Dichlorofluoromethane | FB | Ave | +++++<br>268008 | 2800<br>1041722 | 5568<br>2741468 | 26695 | 103355 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Trichlorofluoromethane | FB | Ave | +++++<br>203390 | 1880<br>768293 | 3535<br>2037304 | 17664 | 72841 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Pentane | FB | Ave | +++++<br>60665 | 536<br>209480 | 1046<br>529377 | 6520 | 21339 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Ethanol | TBAd9 | Lin2 | +++++<br>24998 | 432<br>90793 | 700<br>279687 | 2498 | 9410 | +++++<br>2000 | 20.0<br>8000 | 40.0<br>20000 | 200 | 800 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | +++++<br>100706 | 975<br>416067 | 1788<br>1059279 | 9553 | 36402 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethyl ether | FB | Lin2 | +++++<br>110176 | 2221<br>427107 | 3712<br>1123904 | 12520 | 42773 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Methyl-1,3-butadiene | FB | Ave | +++++<br>126579 | 1562<br>469874 | 2848<br>1247854 | 12721 | 44736 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 | Calibration End Date: 11/22/2023 12:33 | Calibration ID: 95162

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | +++++<br>168158 | 1925<br>692952 | 3656<br>1894514 | 18644 | 63504 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acrolein | TBAd9 | Ave | +++++<br>27897 | 808<br>60400 | 1258<br>142827 | 5192 | 10006 | +++++<br>100 | 2.00<br>200 | 4.00<br>400 | 20.0 | 40.0 |
| 1,1-Dichloroethene | FB | Ave | +++++<br>101579 | 1082<br>396787 | 2122<br>1065521 | 10253 | 35364 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | +++++<br>113746 | 1256<br>415932 | 1882<br>1095846 | 11206 | 38897 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acetone | BUT | Ave | +++++<br>47086 | 585<br>214144 | 830<br>542178 | 4425 | 16019 | +++++<br>250 | 2.50<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Iodomethane | FB | Ave | +++++<br>160788 | 1091<br>601109 | 2239<br>1550952 | 13120 | 58379 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isopropyl alcohol | TBAd9 | Ave | +++++<br>64691 | 926<br>286805 | 1690<br>904745 | 6336 | 22716 | +++++<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Carbon disulfide | FB | Ave | +++++<br>390064 | 3950<br>1281235 | 8238<br>3404893 | 39390 | 139833 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acetonitrile | TBAd9 | Lin2 | +++++<br>51817 | 864<br>197137 | 1241<br>+++++ | 5920 | 19150 | +++++<br>500 | 5.00<br>2000 | 10.0<br>+++++ | 50.0 | 200 |
| 3-Chloro-1-propene | FB | Ave | +++++<br>75127 | 716<br>291862 | 1498<br>745848 | 7351 | 27130 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methyl acetate | TBAd9 | Ave | +++++<br>124791 | 1226<br>648596 | 2556<br>1981409 | 14032 | 45905 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Cyclopentene | FB | Ave | +++++<br>245506 | 2815<br>948080 | 5514<br>2633488 | 28673 | 91936 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methylene Chloride | FB | Ave | +++++<br>131500 | 1602<br>494430 | 2955<br>1292474 | 13987 | 49691 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Methyl-2-propanol | TBAd9 | Ave | 569<br>118148 | 1305<br>449051 | 2900<br>1400208 | 12622 | 42530 | 2.00<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Acrylonitrile | FB | Ave | 1669<br>416694 | 3747<br>1814558 | 7516<br>5006050 | 39589 | 148130 | 2.00<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| trans-1,2-Dichloroethene | FB | Ave | +++++<br>114238 | 1710<br>454634 | 2543<br>1240497 | 12229 | 43639 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methyl tert-butyl ether | FB | Ave | +++++<br>406087 | 4179<br>1647561 | 8124<br>4232494 | 43196 | 150901 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Hexane | FB | Ave | +++++<br>133924 | 1726<br>444228 | 2927<br>1134375 | 13522 | 46886 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1-Dichloroethane | FB | Ave | +++++<br>230539 | 2930<br>914640 | 4811<br>2481813 | 24393 | 85081 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Vinyl acetate | BUT | Ave | +++++<br>47092 | 424<br>186278 | 1042<br>482948 | 4268 | 18679 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Isopropyl ether | FB | Ave | +++++<br>467391 | 5148<br>1841704 | 9716<br>4793131 | 47633 | 172535 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Chloro-1,3-butadiene | FB | Ave | +++++<br>119926 | 1304<br>469719 | 2383<br>1273686 | 12494 | 43875 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tert-butyl ethyl ether | FB | Ave | +++++<br>444820 | 4395<br>1759364 | 8972<br>4655383 | 44418 | 166007 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2,2-Dichloropropane | FB | Ave | +++++<br>45220 | 543<br>172377 | 1061<br>460523 | 5354 | 16519 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| cis-1,2-Dichloroethene | FB | Ave | +++++<br>130910 | 1603<br>530388 | 2799<br>1457856 | 13558 | 48970 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Butanone (MEK) | BUT | Ave | +++++<br>80297 | 803<br>327725 | 1586<br>862892 | 7961 | 28695 | +++++<br>250 | 2.50<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Propionitrile | TBAd9 | Ave | +++++<br>174267 | 1785<br>740488 | 3194<br>2156503 | 16422 | 60957 | +++++<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Ethyl acetate | BUT | Ave | +++++<br>282830 | 3695<br>1137487 | 6926<br>3079223 | 28671 | 103640 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Methyl acrylate | FB | Ave | +++++<br>140081 | 1785<br>543450 | 3889<br>1732927 | 15088 | 54494 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methacrylonitrile | FB | Ave | +++++<br>576934 | 6281<br>2369483 | 12127<br>6456959 | 59697 | 215717 | +++++<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Chlorobromomethane | FB | Ave | +++++<br>59977 | 790<br>237353 | 1264<br>637258 | 5590 | 22214 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tetrahydrofuran | BUT | QuaF | +++++<br>68742 | 1432<br>290419 | 1555<br>823283 | 7458 | 24865 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Chloroform | FB | Ave | +++++<br>215250 | 2596<br>855118 | 4937<br>2310284 | 23778 | 83204 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,1-Trichloroethane | FB | Ave | +++++<br>192249 | 2230<br>729348 | 4070<br>1954574 | 19801 | 69032 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Cyclohexane | FB | Ave | +++++<br>167944 | 1663<br>584036 | 2826<br>1543715 | 16859 | 57877 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1-Dichloropropene | FB | Ave | +++++<br>183812 | 2181<br>690601 | 3742<br>1832291 | 18658 | 65859 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Carbon tetrachloride | FB | Ave | +++++<br>149122 | 1545<br>570956 | 2899<br>1567288 | 14678 | 52156 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isobutyl alcohol | TBAd9 | Ave | +++++<br>167343 | 2104<br>671990 | 2708<br>1942554 | 15075 | 58657 | +++++<br>1250 | 12.5<br>5000 | 25.0<br>12500 | 125 | 500 |
| Benzene | CBNZd5 | Ave | +++++<br>545048 | 6405<br>2057850 | 11520<br>5443496 | 56543 | 204475 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dichloroethane | FB | Ave | +++++<br>184085 | 2231<br>726815 | 4032<br>1916618 | 19036 | 71477 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Isopropyl acetate | FB | Ave | +++++<br>53916 | 473<br>222409 | 884<br>595584 | 5292 | 20266 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isooctane | FB | Lin2 | +++++<br>261721 | 3828<br>1011774 | 6010<br>2617460 | 27060 | 90568 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tert-amyl methyl ether | FB | Ave | +++++<br>406911 | 4139<br>1620374 | 8179<br>4332979 | 39214 | 149277 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Heptane | FB | Ave | +++++<br>107604 | 1200<br>368669 | 2854<br>935481 | 10909 | 37643 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Butanol | TBAd9 | Ave | +++++<br>113374 | 1571<br>453908 | 2425<br>1299079 | 11412 | 41169 | +++++<br>1250 | 12.5<br>5000 | 25.0<br>12500 | 125 | 500 |
| Trichloroethene | FB | Ave | +++++<br>141192 | 1611<br>536810 | 3317<br>1409179 | 14473 | 51686 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethyl acrylate | FB | Ave | +++++<br>191373 | 2061<br>788575 | 2941<br>2158162 | 17196 | 68109 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methylcyclohexane | FB | Ave | +++++<br>157377 | 1516<br>573193 | 2824<br>1490259 | 15077 | 52574 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dichloropropane | FB | Ave | +++++<br>145217 | 1755<br>561699 | 3252<br>1510272 | 14852 | 54606 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Dibromomethane | FB | Ave | +++++<br>77291 | 936<br>310498 | 1637<br>840063 | 8448 | 28990 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methyl methacrylate | FB | Ave | +++++<br>80674 | 819<br>321997 | 1683<br>861378 | 8020 | 29917 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| 1,4-Dioxane | DXE | Ave | +++++<br>39657 | 956<br>152090 | 1950<br>399026 | 3974 | 15239 | +++++<br>1000 | 25.0<br>4000 | 50.0<br>10000 | 100 | 400 |
| n-Propyl acetate | FB | Ave | +++++<br>211568 | 2567<br>849756 | 4744<br>2278373 | 20288 | 75419 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Dichlorobromomethane | FB | Ave | +++++<br>175093 | 2007<br>707384 | 3513<br>1909372 | 16833 | 65329 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Nitropropane | FB | Qua2 | +++++<br>72136 | 1413<br>316585 | 1811<br>914496 | 7395 | 26163 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| 2-Chloroethyl vinyl ether | FB | Ave | +++++<br>100235 | 690<br>413437 | 1535<br>1137127 | 8233 | 34595 | +++++<br>50.1 | 0.501<br>200 | 1.00<br>501 | 5.01 | 20.0 |
| Epichlorohydrin | BUT | Ave | 2023<br>323190 | 3685<br>1292186 | 7030<br>3547184 | 32029 | 119350 | 5.00<br>1000 | 10.0<br>4000 | 20.0<br>10000 | 100 | 400 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>240783 | 2141<br>944106 | 4555<br>2533980 | 24568 | 89266 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 4-Methyl-2-pentanone (MIBK) | BUT | Ave | +++++<br>723648 | 7183<br>2981881 | 13884<br>7899028 | 69321 | 261922 | +++++<br>250 | 2.50<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Toluene | CBNZd5 | Ave | +++++ | 7959 | 14051 | 60981 | 218144 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 | Calibration End Date: 11/22/2023 12:33 | Calibration ID: 95162

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 587672 | 2284067 | 6035937 | | | 50.0 | 200 | 500 | | |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>226651 | 2679<br>914663 | 4300<br>2486071 | 22107 | 82273 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethyl methacrylate | CBNZd5 | Ave | +++++<br>188462 | 2158<br>788245 | 3507<br>2130843 | 18467 | 65494 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | +++++<br>108806 | 1371<br>428795 | 2098<br>1158736 | 10646 | 40236 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tetrachloroethene | CBNZd5 | Ave | +++++<br>114978 | 1206<br>442668 | 2575<br>1190212 | 11748 | 41812 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,3-Dichloropropane | CBNZd5 | Ave | +++++<br>226559 | 2561<br>899639 | 4494<br>2390249 | 23984 | 85337 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Hexanone | BUT | Ave | +++++<br>500927 | 4734<br>2102137 | 9090<br>5588196 | 49480 | 175829 | +++++<br>250 | 2.50<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Chlorodibromomethane | CBNZd5 | Ave | +++++<br>116064 | 1109<br>496198 | 2130<br>1396372 | 11121 | 42412 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Butyl acetate | CBNZd5 | Ave | +++++<br>217159 | 2529<br>926442 | 4429<br>2515893 | 19411 | 75641 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethylene Dibromide | CBNZd5 | Ave | +++++<br>128857 | 1086<br>510437 | 2132<br>1354623 | 12509 | 47808 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Chlorobenzene | CBNZd5 | Ave | +++++<br>350736 | 4098<br>1404436 | 7434<br>3807645 | 35797 | 132658 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,1,2-Tetrachloroethane | CBNZd5 | Ave | +++++<br>113421 | 1080<br>468540 | 2064<br>1295817 | 10653 | 41445 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethylbenzene | CBNZd5 | Ave | +++++<br>188905 | 2177<br>734266 | 4219<br>1966068 | 19095 | 68969 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| m-Xylene & p-Xylene | CBNZd5 | Ave | +++++<br>221723 | 2271<br>875683 | 4646<br>2366325 | 22097 | 81144 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| o-Xylene | CBNZd5 | Ave | +++++<br>222967 | 2346<br>901594 | 4307<br>2445271 | 21959 | 82538 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 Calibration End Date: 11/22/2023 12:33 Calibration ID: 95162

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| Styrene | CBNZd5 | Ave | +++++ 393449 | 4281 1617599 | 7642 4435078 | 37950 | 142955 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| n-Butyl acrylate | CBNZd5 | Ave | +++++ 90076 | 797 432760 | 1856 1271524 | 7666 | 29714 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Bromoform | CBNZd5 | Ave | +++++ 75643 | 770 341674 | 1545 970011 | 6600 | 26128 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Amyl acetate (mixed isomers) | DCBd4 | Ave | +++++ 209006 | 2356 942507 | 4093 2825357 | 18596 | 70630 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Isopropylbenzene | CBNZd5 | Ave | +++++ 522505 | 5729 2066498 | 10588 5580498 | 50343 | 183002 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Bromobenzene | DCBd4 | Ave | +++++ 142171 | 1521 577523 | 2989 1567289 | 14565 | 53928 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,1,2,2-Tetrachloroethane | DCBd4 | Ave | +++++ 167829 | 1854 682850 | 3641 1872414 | 16732 | 63130 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,2,3-Trichloropropane | DCBd4 | Ave | +++++ 147344 | 1871 585309 | 3073 1551993 | 14519 | 54348 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| trans-1,4-Dichloro-2-butene | DCBd4 | Ave | +++++ 77584 | 837 326784 | 1472 917214 | 7306 | 26740 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| N-Propylbenzene | DCBd4 | Ave | +++++ 575192 | 6281 2332395 | 11670 6095223 | 53518 | 204427 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 2-Chlorotoluene | DCBd4 | Ave | +++++ 393711 | 4706 1560707 | 8145 4206972 | 39039 | 145617 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 4-Ethyltoluene | DCBd4 | Ave | +++++ 450613 | 4892 1822070 | 8809 4947915 | 41938 | 161340 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 4-Chlorotoluene | DCBd4 | Ave | +++++ 448061 | 4983 1795261 | 9241 4808157 | 43128 | 161985 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,3,5-Trimethylbenzene | DCBd4 | Ave | +++++ 351290 | 3850 1394859 | 7211 3745150 | 33741 | 129483 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Butyl Methacrylate | DCBd4 | Ave | +++++ 121648 | 914 581167 | 2264 +++++ | 10065 | 40993 | +++++ 50.0 | 0.500 200 | 1.00 +++++ | 5.00 | 20.0 |
| tert-Butylbenzene | DCBd4 | Ave | +++++ 301258 | 3032 1229954 | 5470 3368653 | 27726 | 104087 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,2,4-Trimethylbenzene | DCBd4 | Ave | +++++ 361524 | 4100 1456152 | 7755 3945558 | 36791 | 131691 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| sec-Butylbenzene | DCBd4 | Ave | +++++ 422457 | 4233 1723888 | 7795 4677066 | 37567 | 141211 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | +++++ 243179 | 2400 966233 | 4914 2640917 | 23780 | 87636 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |

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

Lab Name: Eurofins Edison  Job No.: 460-294432-1  Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12  GC Column: DB-624  ID: 0.18(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38  Calibration End Date: 11/22/2023 12:33  Calibration ID: 95162

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 4-Isopropyltoluene | DCBd4 | Ave | +++++<br>327889 | 3139<br>1398777 | 6471<br>3905084 | 28917 | 111828 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | +++++<br>246774 | 2199<br>1004044 | 5140<br>2783962 | 23369 | 89841 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,3-Trimethylbenzene | DCBd4 | Ave | +++++<br>388317 | 4180<br>1538966 | 7914<br>4247726 | 39303 | 147839 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Benzyl chloride | DCBd4 | Ave | +++++<br>63028 | 703<br>283589 | 889<br>790790 | 5679 | 21773 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Indan | DCBd4 | Ave | +++++<br>450616 | 4269<br>1838384 | 8850<br>4901646 | 42786 | 164149 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | +++++<br>238515 | 2288<br>985992 | 4805<br>2696394 | 22644 | 88200 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| p-Diethylbenzene | DCBd4 | Ave | +++++<br>189970 | 1991<br>778618 | 3367<br>2199608 | 17054 | 64996 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Butylbenzene | DCBd4 | Ave | +++++<br>154618 | 1360<br>618406 | 3243<br>1736776 | 14327 | 52071 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | DCBd4 | Ave | +++++<br>380173 | 4530<br>1277804 | 7738<br>2838343 | 37920 | 139778 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | DCBd4 | Ave | +++++<br>33647 | 259<br>146670 | 647<br>404205 | 3119 | 11879 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,3,5-Trichlorobenzene | DCBd4 | Ave | +++++<br>121343 | 1393<br>429996 | 2579<br>1140648 | 12040 | 45424 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,4-Trichlorobenzene | DCBd4 | Ave | +++++<br>119201 | 1228<br>428153 | 2505<br>1138769 | 12216 | 45085 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Hexachlorobutadiene | DCBd4 | Ave | +++++<br>42922 | 374<br>169403 | 839<br>461895 | 3778 | 13762 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Naphthalene | DCBd4 | Ave | +++++<br>419160 | 5181<br>1419353 | 8808<br>3548075 | 44115 | 164399 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,3-Trichlorobenzene | DCBd4 | Ave | +++++<br>115317 | 1272<br>406012 | 2406<br>1020595 | 11052 | 41929 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Dibromofluoromethane (Surr) | FB | Ave | 92939<br>87966 | 84058<br>80751 | 88454<br>91932 | 83021 | 82841 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 134667<br>124298 | 125504<br>118700 | 129619<br>131187 | 123224 | 117596 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZd5 | Ave | 421899<br>412303 | 388612<br>385891 | 407447<br>421659 | 387350 | 385739 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 |
| 4-Bromofluorobenzene | CBNZd5 | Ave | 114643<br>109993 | 104712<br>103375 | 108001<br>115127 | 103972 | 104873 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 | Calibration End Date: 11/22/2023 12:33 | Calibration ID: 95162

Curve Type Legend:

| |
|---|
| Ave = Average ISTD |
| Lin = Linear ISTD |
| Lin2 = Linear 1/conc^2 ISTD |
| Qua2 = Quadratic 1/conc^2 ISTD |
| QuaF = Quadratic ISTD forced zero |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 946193

SDG No.:

Instrument ID: CVOAMS12 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/22/2023 09:38 | Calibration End Date: 11/22/2023 12:33 | Calibration ID: 95162

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD8 460-946193/3 | O11258.d |
| Level 2 | STD05 460-946193/18 | O11259.d |
| Level 3 | STD1 460-946193/4 | O11260.d |
| Level 4 | STD5 460-946193/5 | O11261.d |
| Level 5 | STD20 460-946193/6 | O11262.d |
| Level 6 | STD50 460-946193/7 | O11263.d |
| Level 7 | STD200 460-946193/8 | O11264.d |
| Level 8 | STD500 460-946193/9 | O11265.d |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Chlorodifluoromethane | +++++ | 5.9 | | | | | | 30 | | | | |
| Ethanol | +++++ | -0.7 | | | | | | 30 | | | | |
| Ethyl ether | +++++ | -7.7 | | | | | | 30 | | | | |
| Acetonitrile | +++++ | 6.0 +++++ | | | | | | 30 | | | | |
| Isooctane | +++++ | 2.0 | | | | | | 30 | | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 22-Nov-2023 09:38:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0169242-003
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:40:28 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: NN6A Date: 22-Nov-2023 11:13:12

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 84 | 1165 | 0.2500 | 0.3167 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 224546 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 56 | 569 | 2.00 | 2.20 | |
| 33 Acrylonitrile | 53 | 2.697 | 2.685 | 0.012 | 95 | 1669 | 2.00 | 1.98 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 305900 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 96 | 92939 | 50.0 | 52.6 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 134667 | 50.0 | 52.5 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 98 | 523229 | 50.0 | 50.0 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 34789 | 1000.0 | 1000.0 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 93 | 2023 | 5.00 | 5.76 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 99 | 421899 | 50.0 | 52.7 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 89 | 393485 | 50.0 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 84 | 114643 | 50.0 | 53.2 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 98 | 189594 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 0.00 | Units: uL | |
| GASES Li_00558 | Amount Added: | 2.50 | Units: uL | |
| GAS Hi_00456 | Amount Added: | 0.00 | Units: uL | |
| ACRY/EPIH MIX_00119 | Amount Added: | 20.00 | Units: uL | |
| Ethanol mix_00083 | Amount Added: | 0.00 | Units: uL | |
| MIX 2 Hi_00142 | Amount Added: | 0.00 | Units: uL | |
| MIX I Hi_00170 | Amount Added: | 0.00 | Units: uL | |
| 14DIOXINTER_00162 | Amount Added: | 0.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 7 Freons Hi_00002 | Amount Added: | 0.00 | Units: uL | |
| VMTBA500_00042 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 0.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

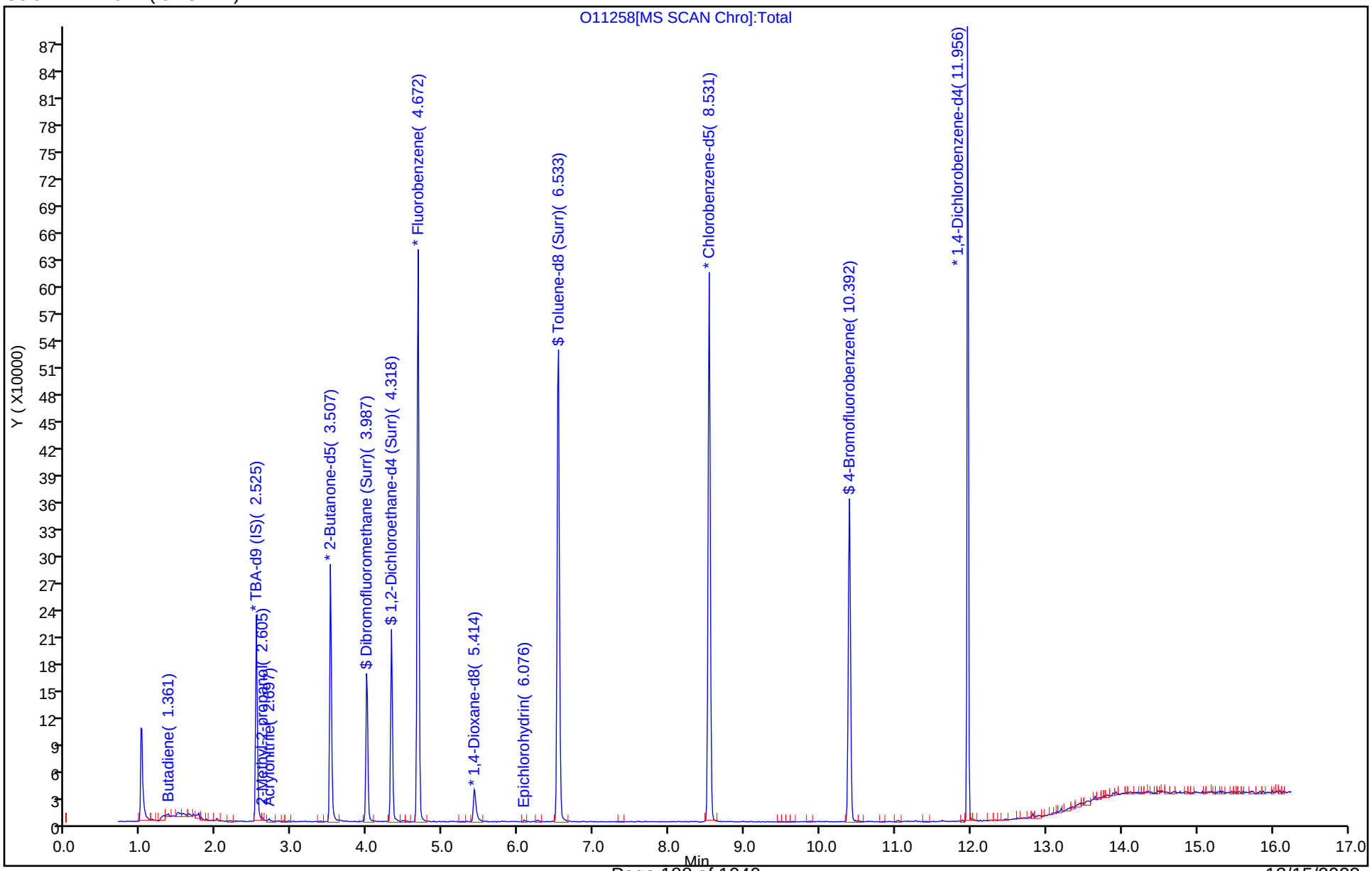
Report Date: 22-Nov-2023 14:40:29 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Nov-2023 09:38:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | STD8 | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

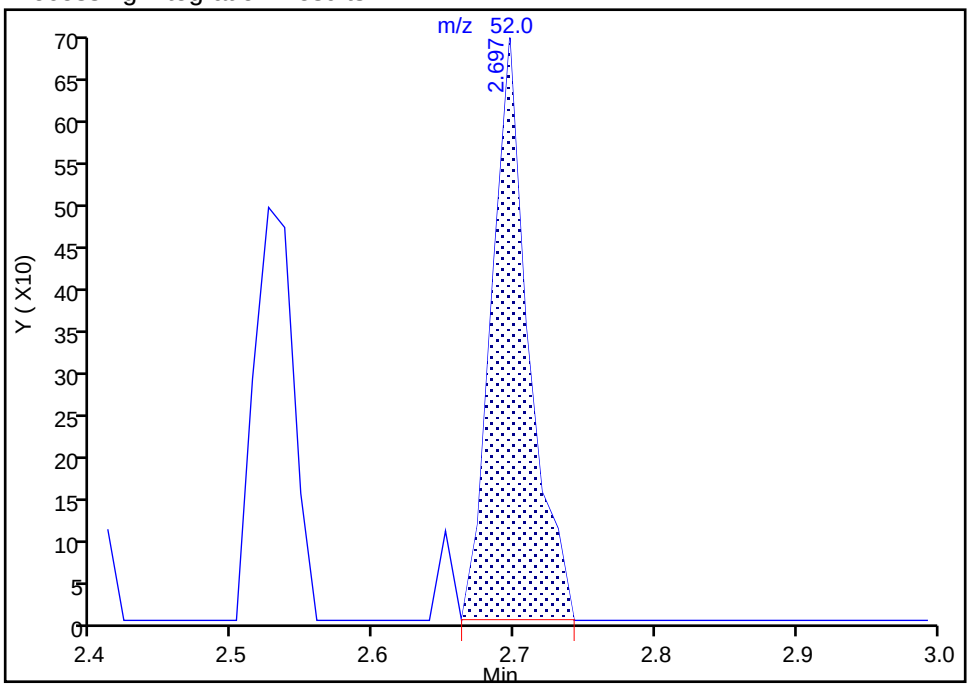
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 33 Acrylonitrile, CAS: 107-13-1

Signal: 2

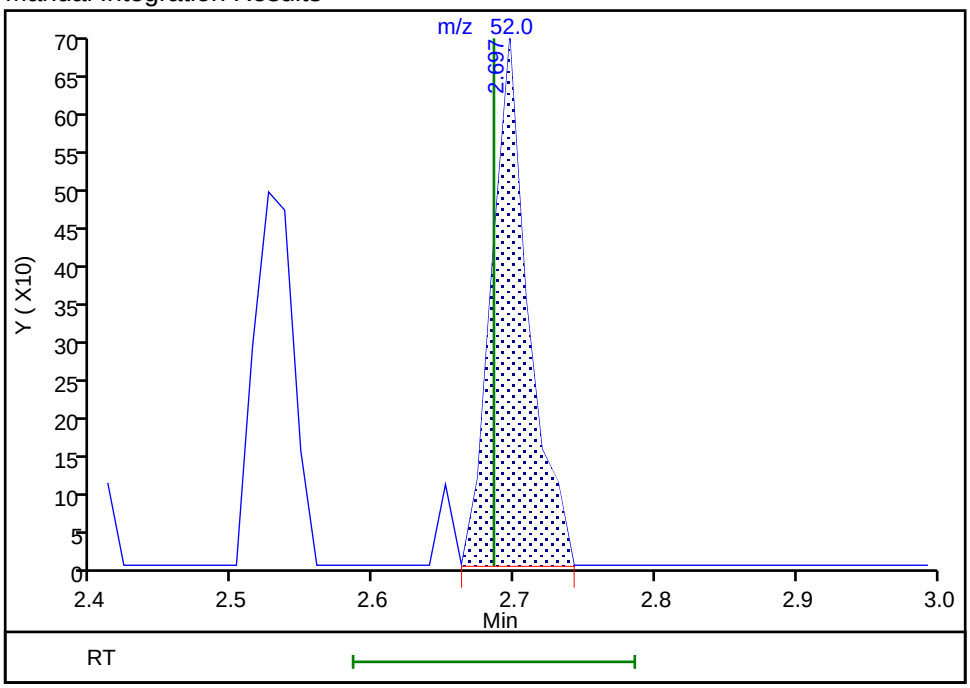
Processing Integration Results

RT: 2.70
Area: 1272
Amount: 1.806815
Amount Units: ug/l




Manual Integration Results

RT: 2.70
Area: 1272
Amount: 1.978440
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:12:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

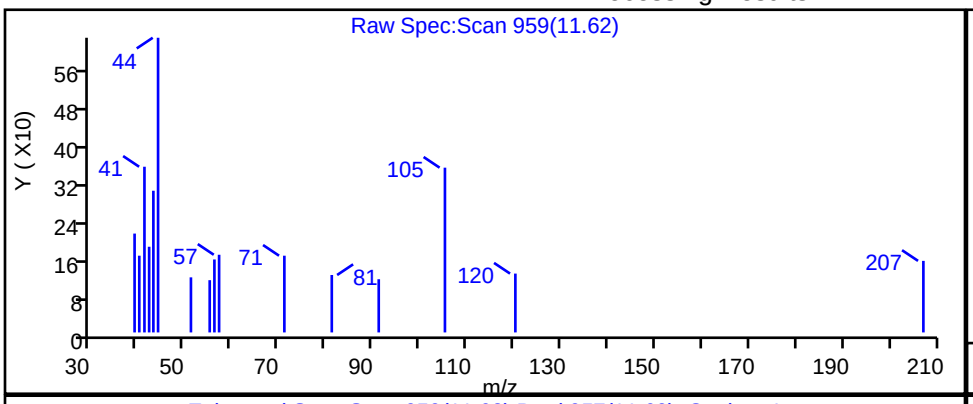
User Disabled Compound Report

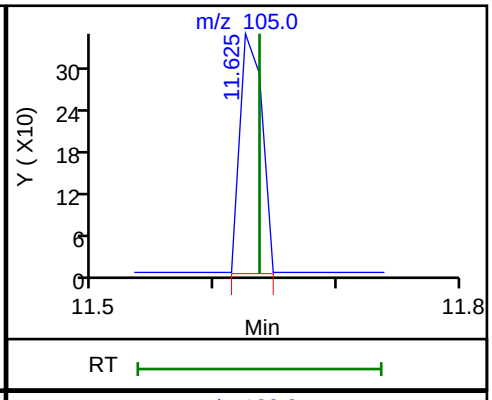
Eurofins Edison

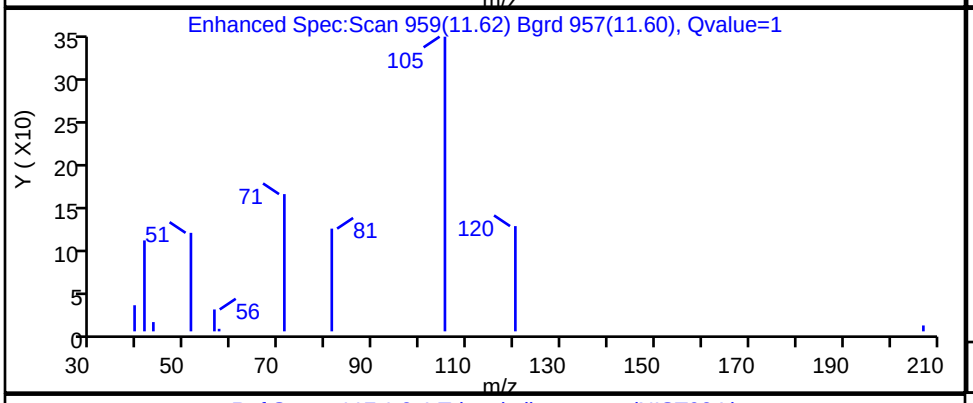
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

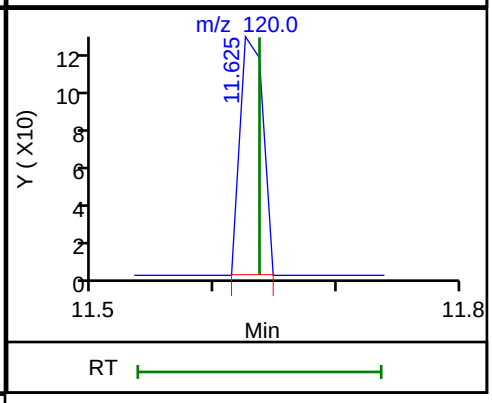
## 117 1,2,4-Trimethylbenzene, CAS: 95-63-6

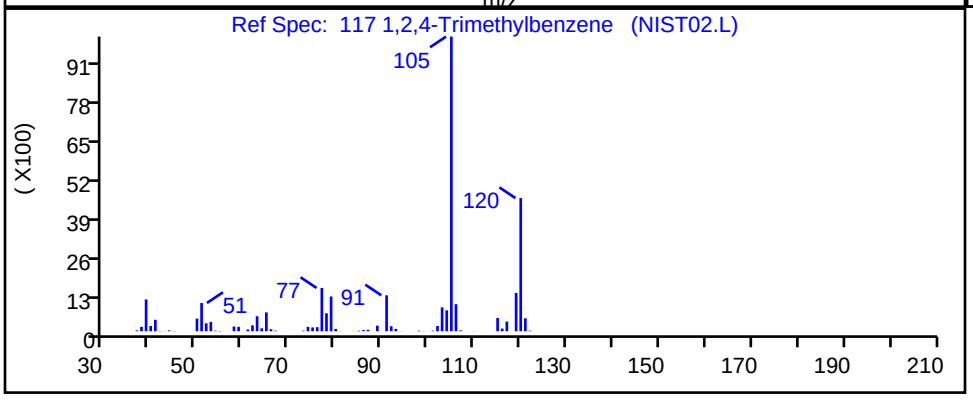
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.62 | 105.00 | 440 | 0.063223 |
| 11.62 | 120.00 | 164 | |

Reviewer: NN6A, 22-Nov-2023 11:12:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

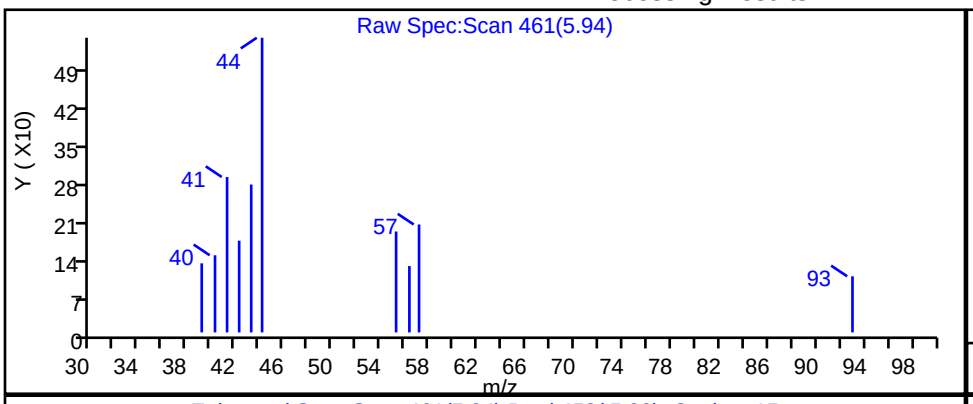
User Disabled Compound Report

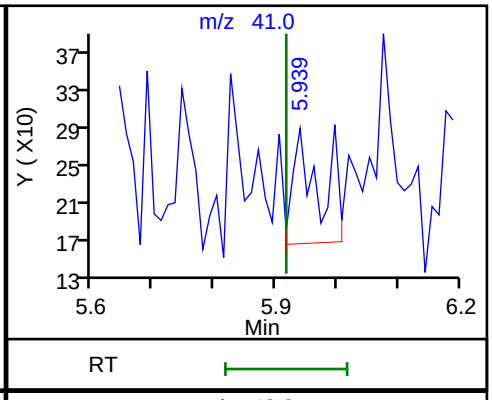
Eurofins Edison

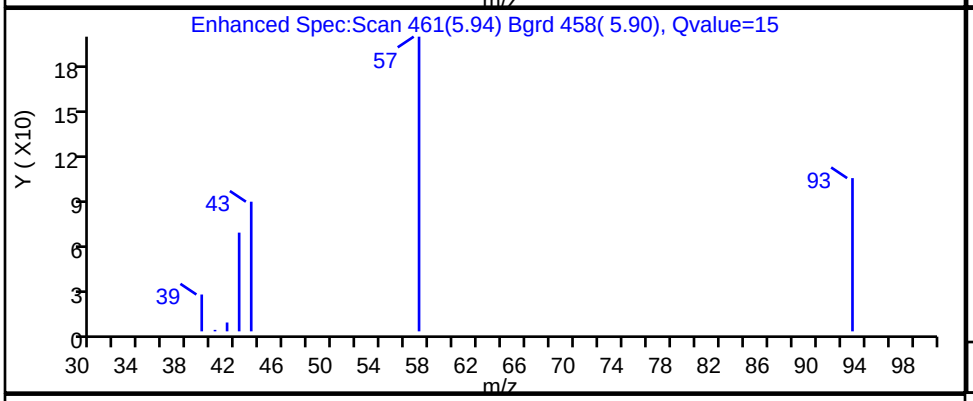
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

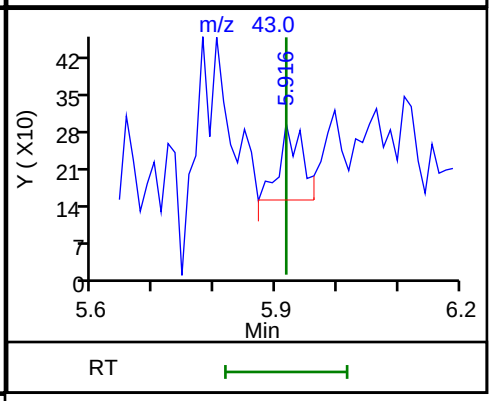
## 78 2-Nitropropane, CAS: 79-46-9

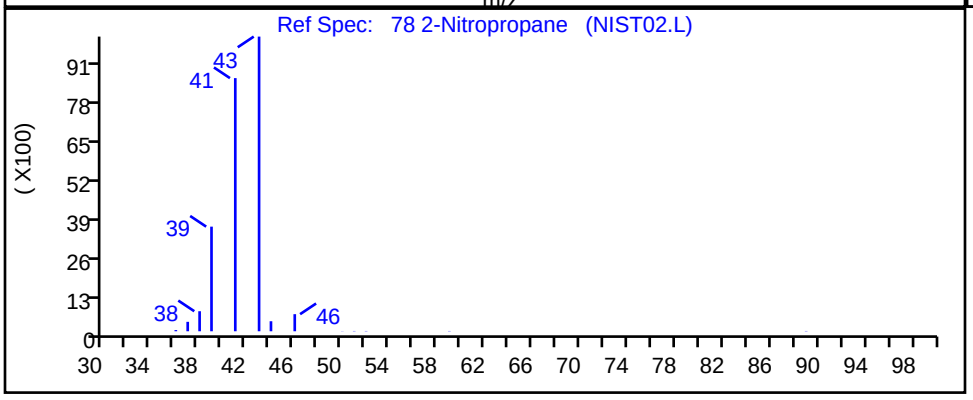
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.94 | 41.00 | 376 | 0.484556 |
| 5.92 | 43.00 | 390 | |

Reviewer: NN6A, 22-Nov-2023 11:12:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

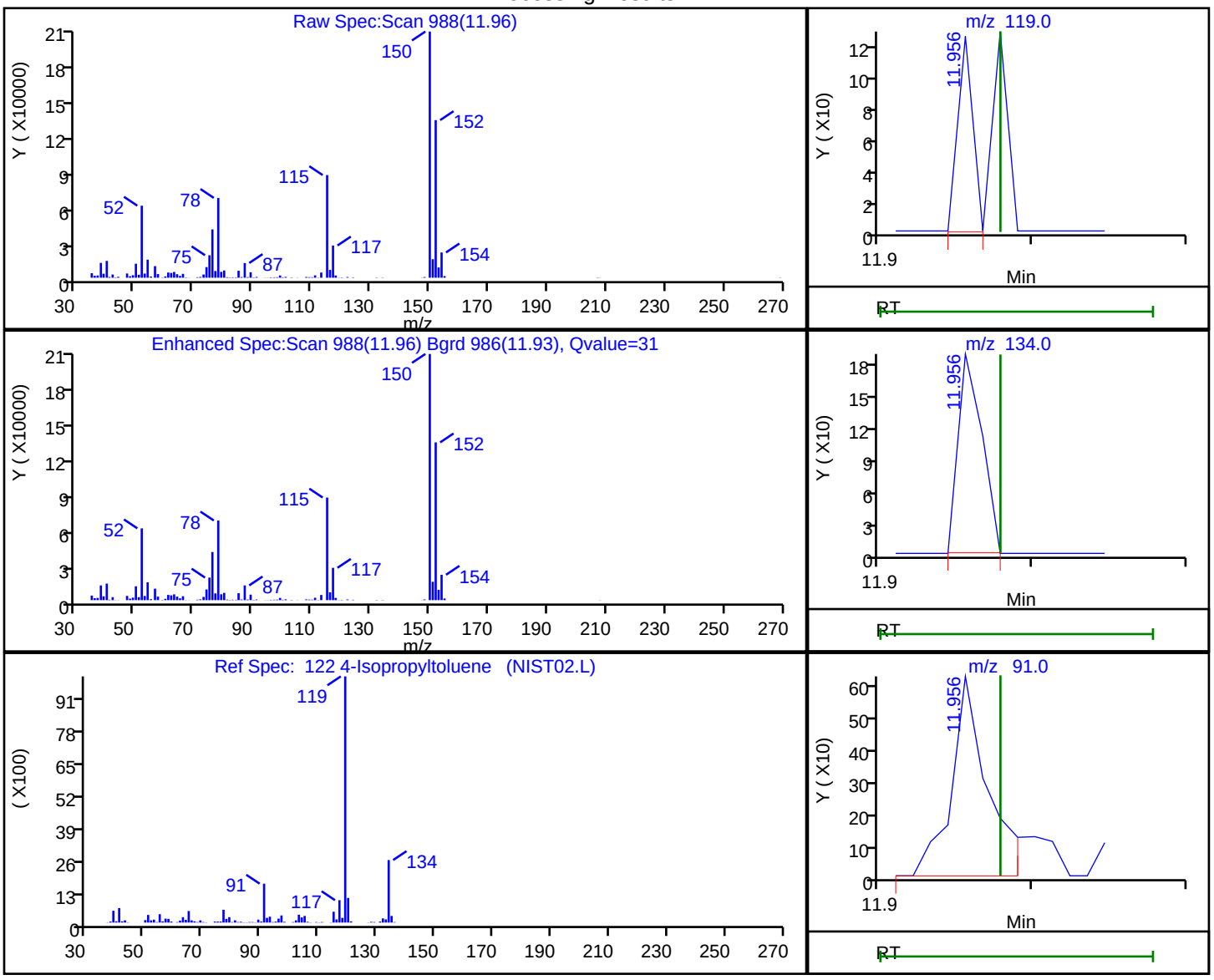
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.96 | 119.00 | 84 | 0.013594 |
| 11.96 | 134.00 | 198 | |
| 11.96 | 91.00 | 1030 | |

Reviewer: NN6A, 22-Nov-2023 11:13:01 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

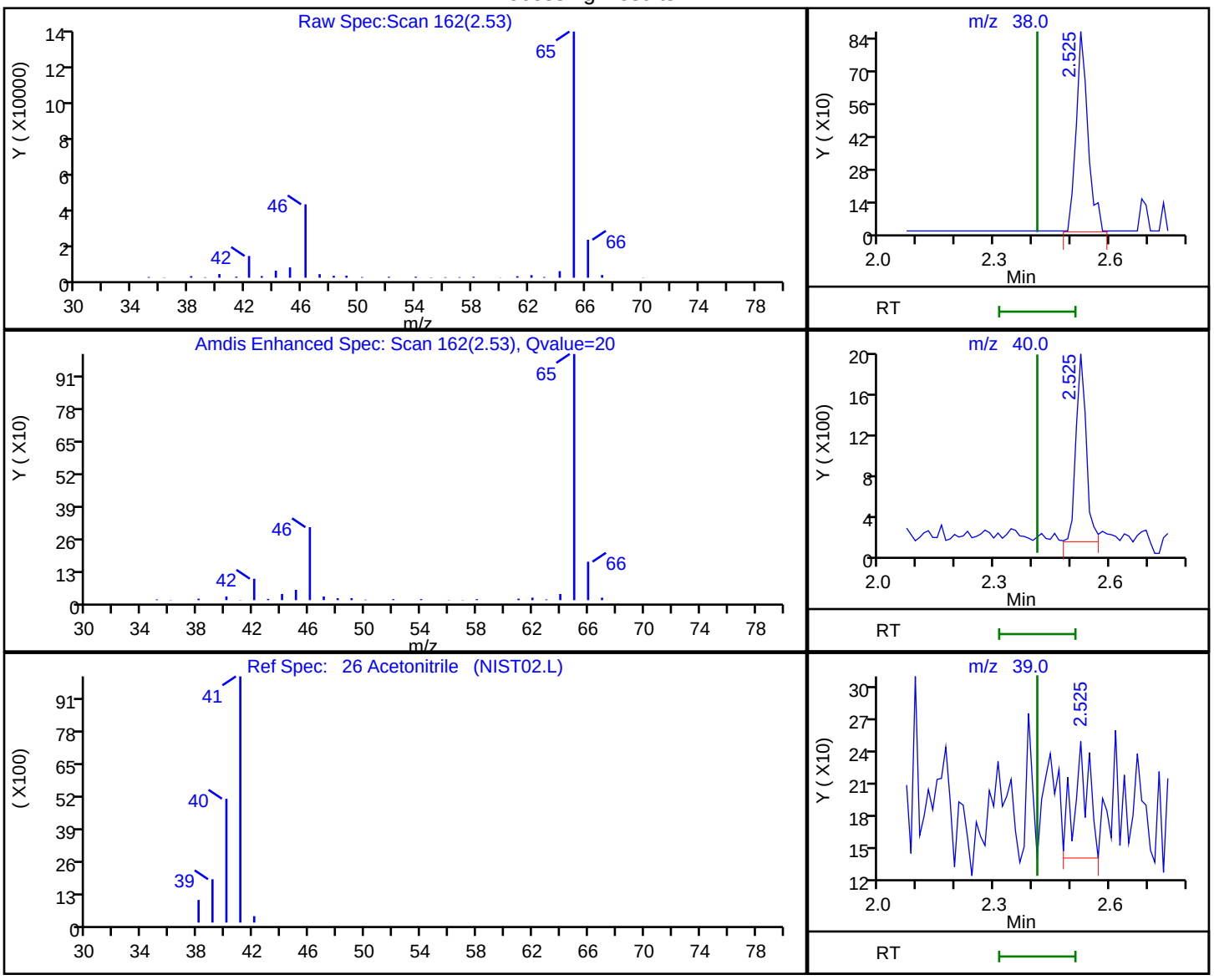
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 26 Acetonitrile, CAS: 75-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.53 | 38.00 | 1828 | 18.334165 |
| 2.53 | 40.00 | 3371 | |
| 2.53 | 39.00 | 283 | |
| 2.53 | 41.00 | 808 | |

Reviewer: NN6A, 22-Nov-2023 11:12:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

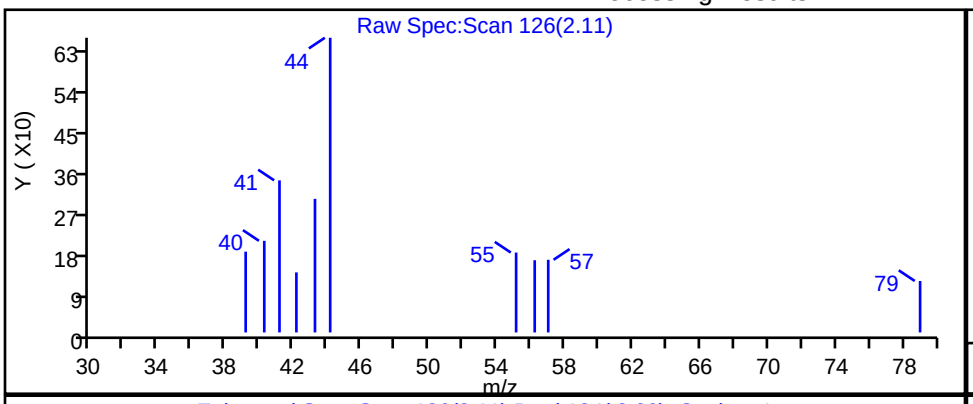
User Disabled Compound Report

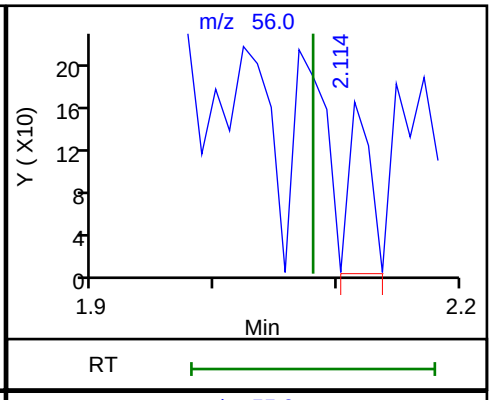
Eurofins Edison

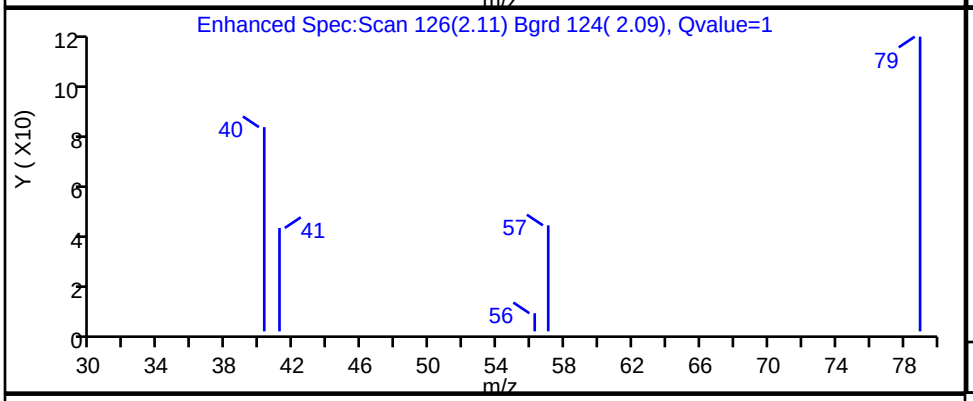
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

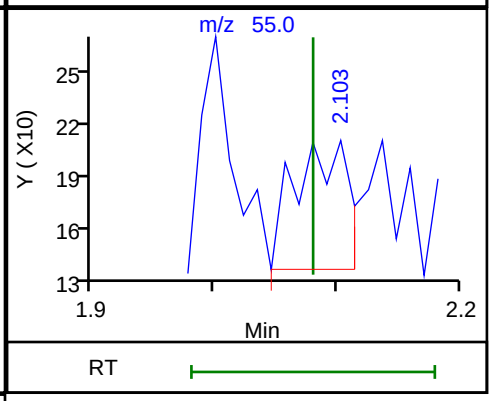
## 19 Acrolein, CAS: 107-02-8

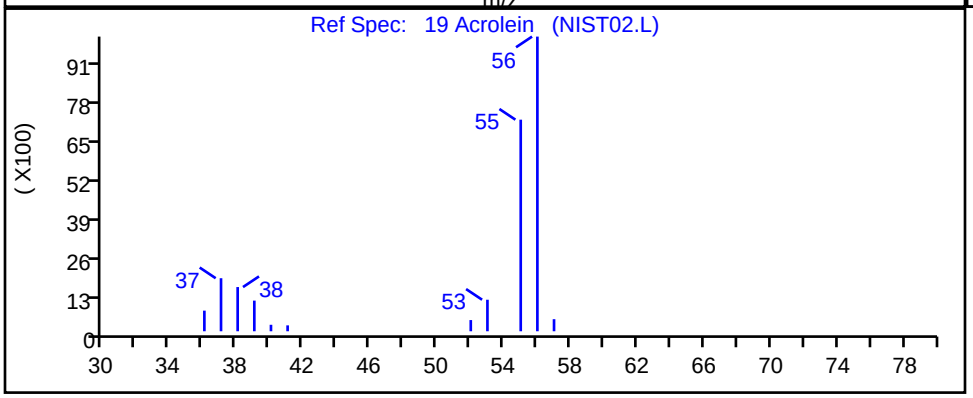
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.11 | 56.00 | 191 | 0.669629 |
| 2.10 | 55.00 | 218 | |

Reviewer: NN6A, 22-Nov-2023 11:12:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

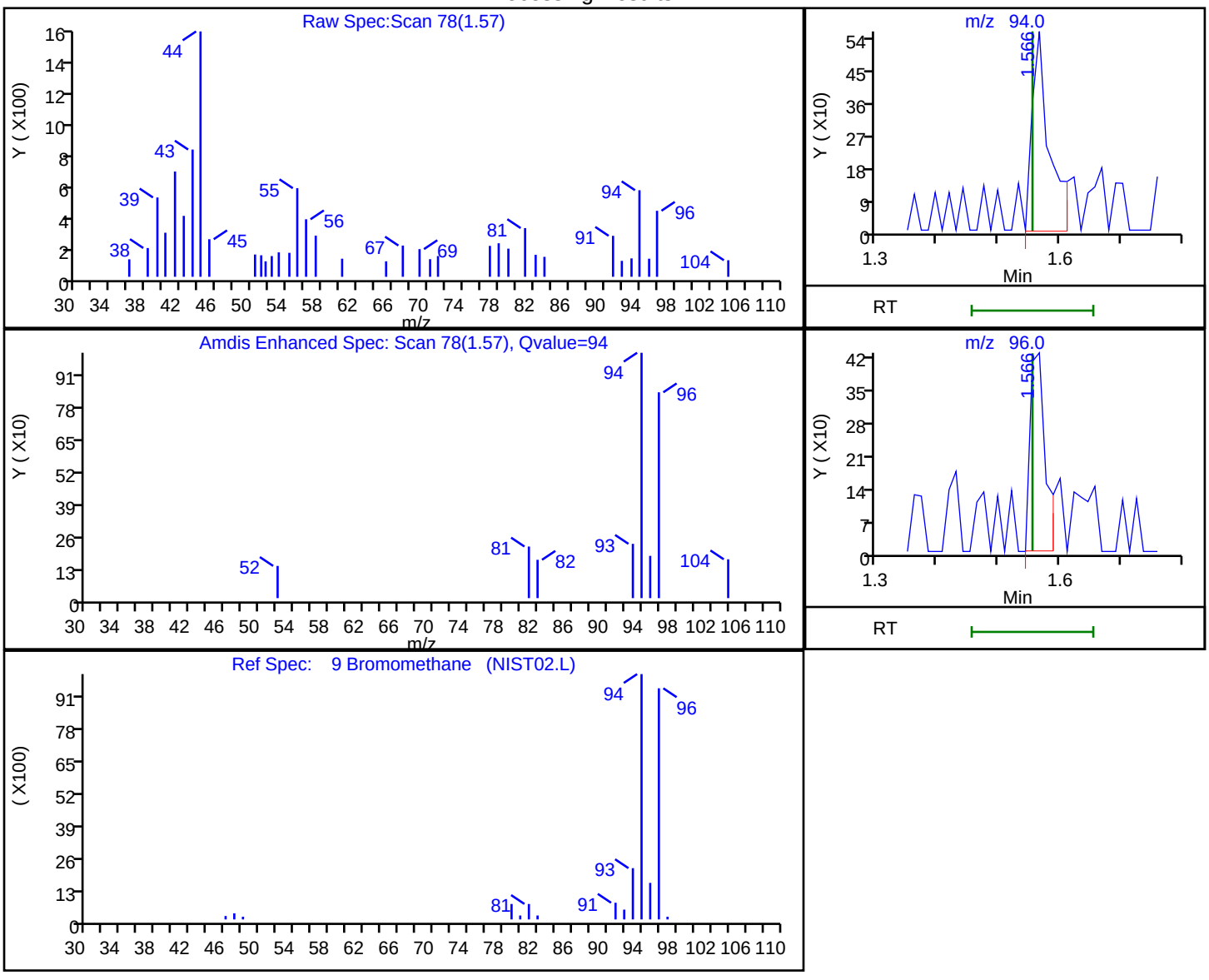
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 9 Bromomethane, CAS: 74-83-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.57 | 94.00 | 1108 | 0.451220 |
| 1.57 | 96.00 | 756 | |

Reviewer: NN6A, 22-Nov-2023 11:12:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

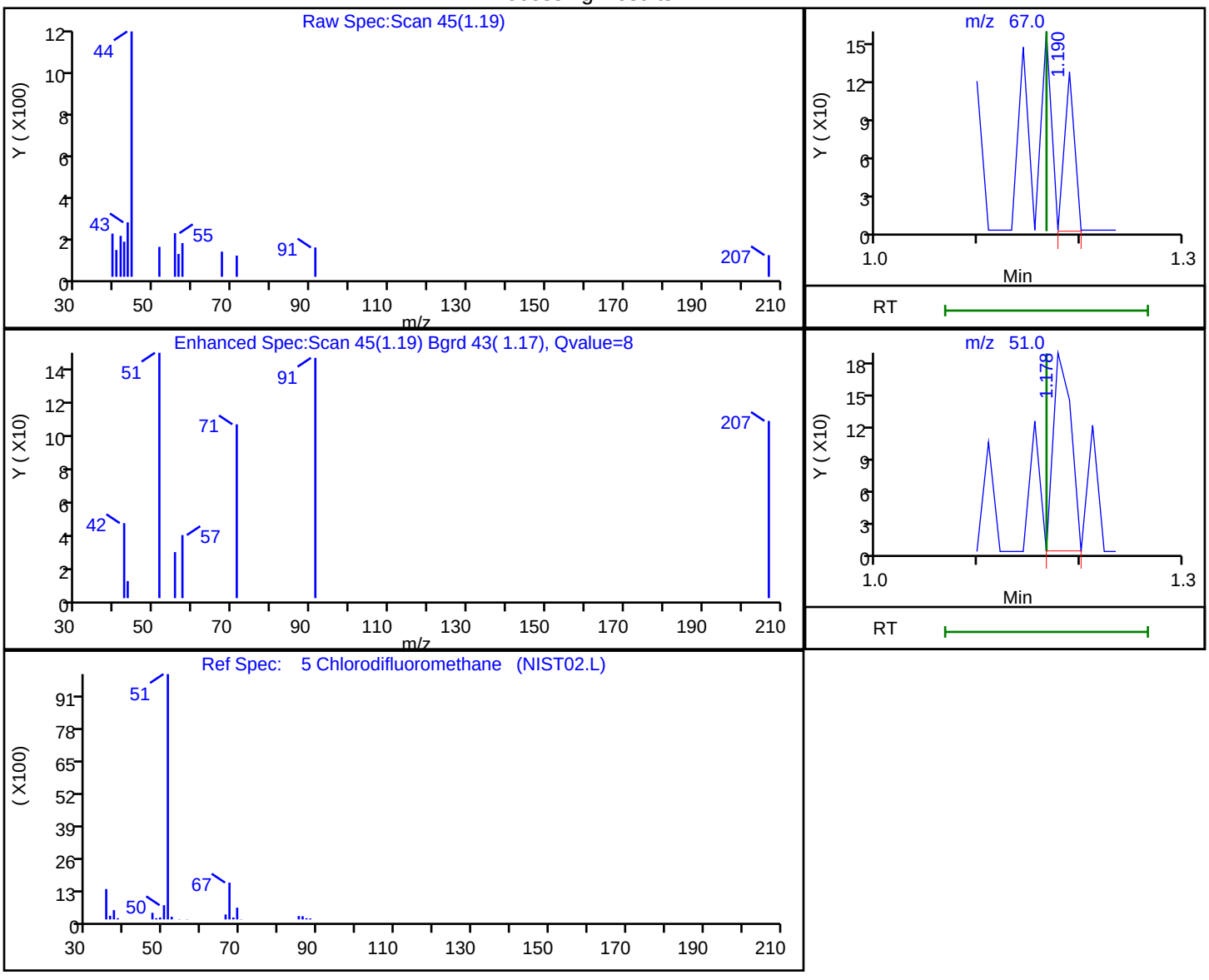
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.19 | 67.00 | 83 | 0.163389 |
| 1.18 | 51.00 | 228 | |

Reviewer: NN6A, 22-Nov-2023 11:11:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

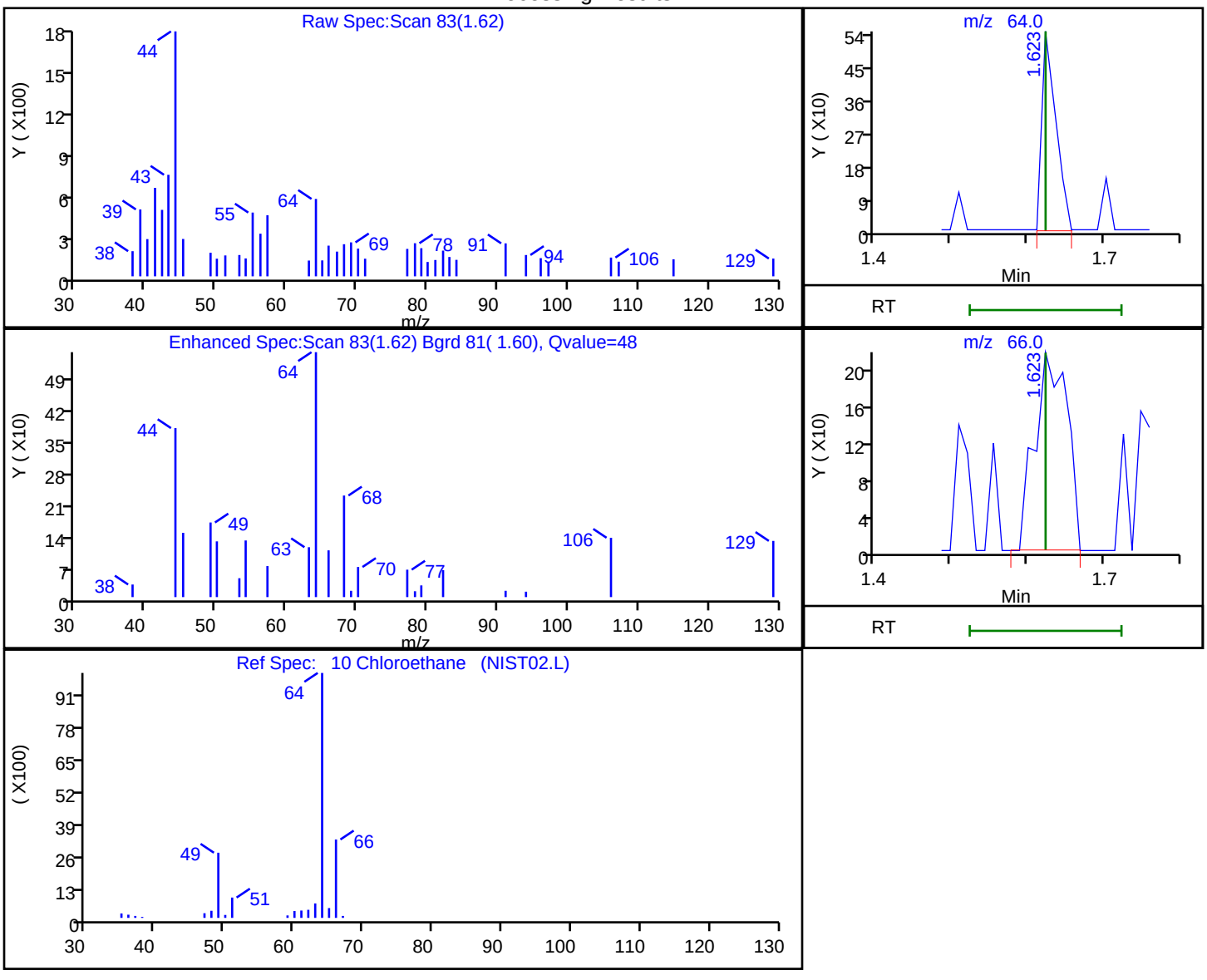
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.62 | 64.00 | 703 | 0.299247 |
| 1.62 | 66.00 | 641 | |

Reviewer: NN6A, 22-Nov-2023 11:12:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

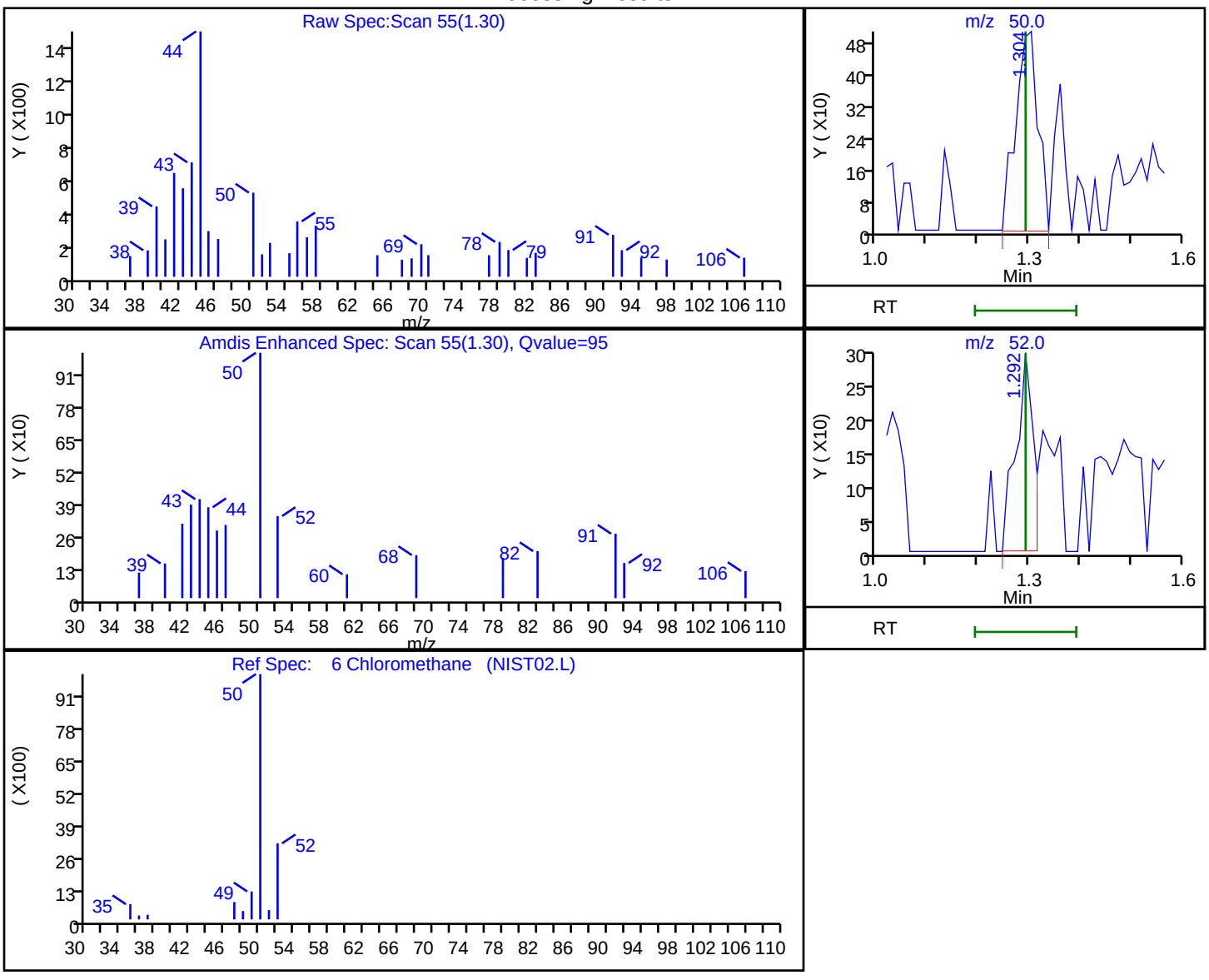
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.30 | 50.00 | 1535 | 0.334301 |
| 1.29 | 52.00 | 700 | |

Reviewer: NN6A, 22-Nov-2023 11:11:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

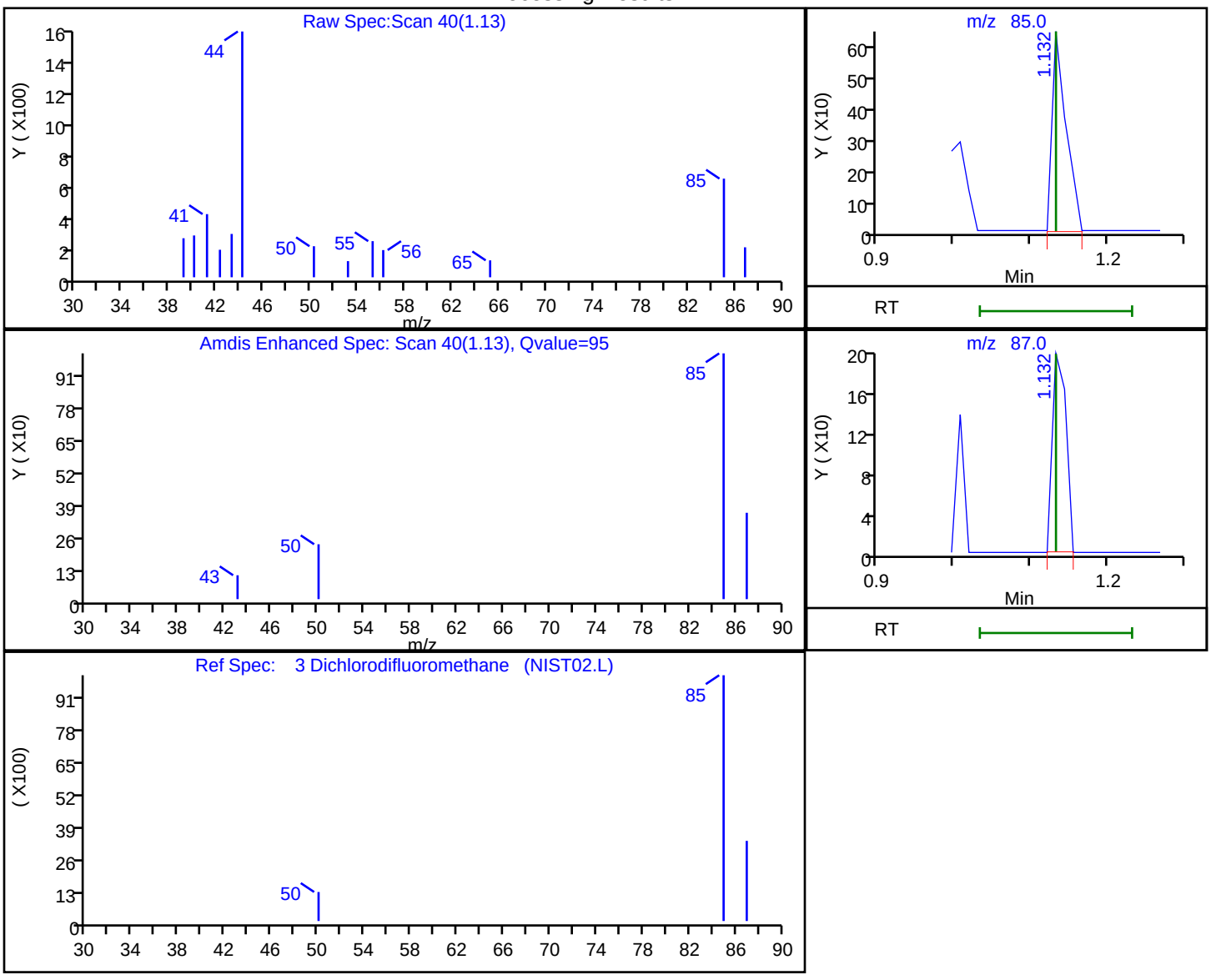
User Disabled Compound Report

Eurofins Edison

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Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.13 | 85.00 | 816 | 0.219979 |
| 1.13 | 87.00 | 243 | |

Reviewer: NN6A, 22-Nov-2023 11:11:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

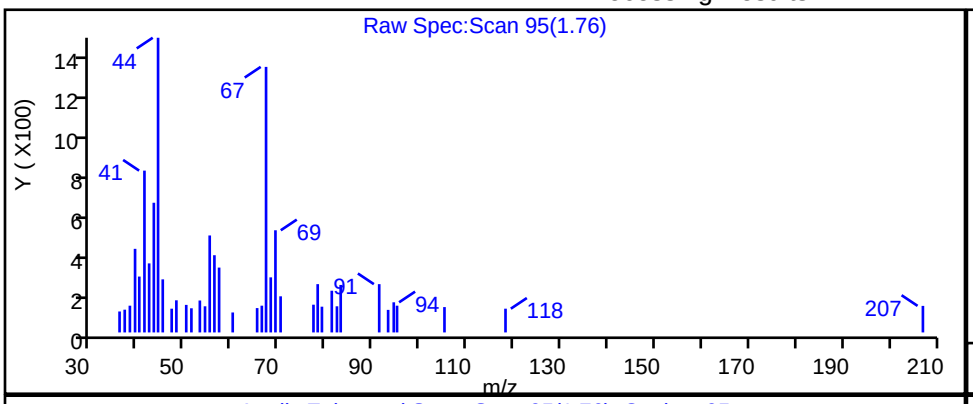
User Disabled Compound Report

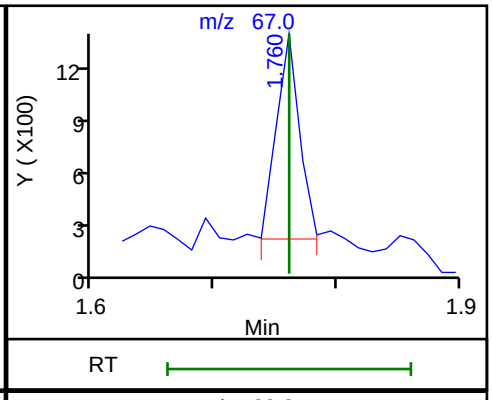
Eurofins Edison

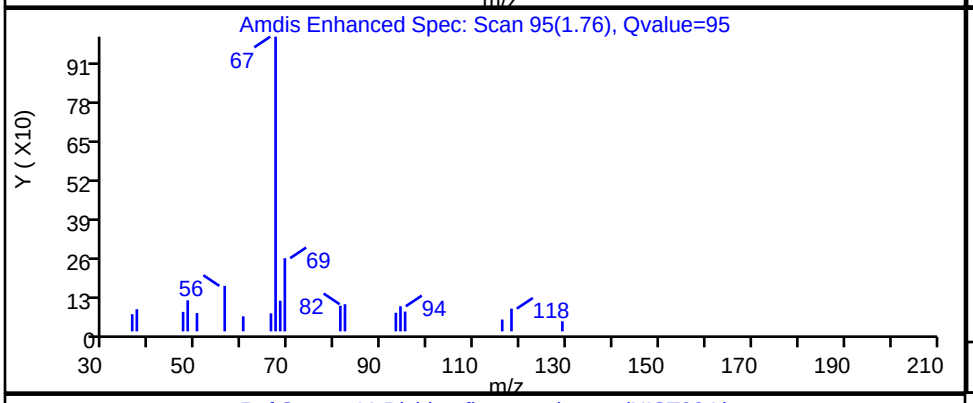
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

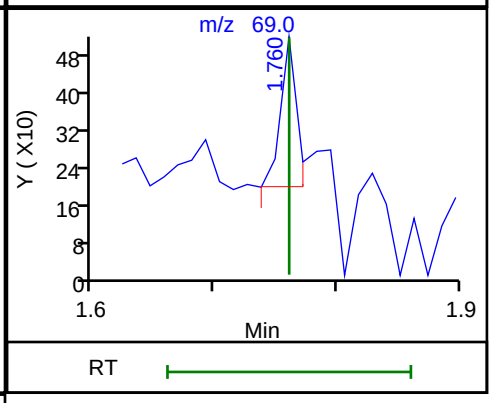
## 11 Dichlorofluoromethane, CAS: 75-43-4

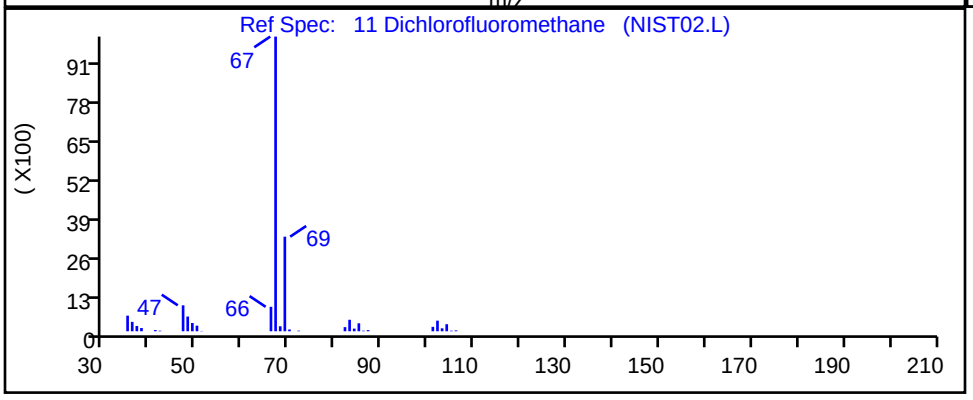
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.76 | 67.00 | 1484 | 0.285656 |
| 1.76 | 69.00 | 300 | |

Reviewer: NN6A, 22-Nov-2023 11:12:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

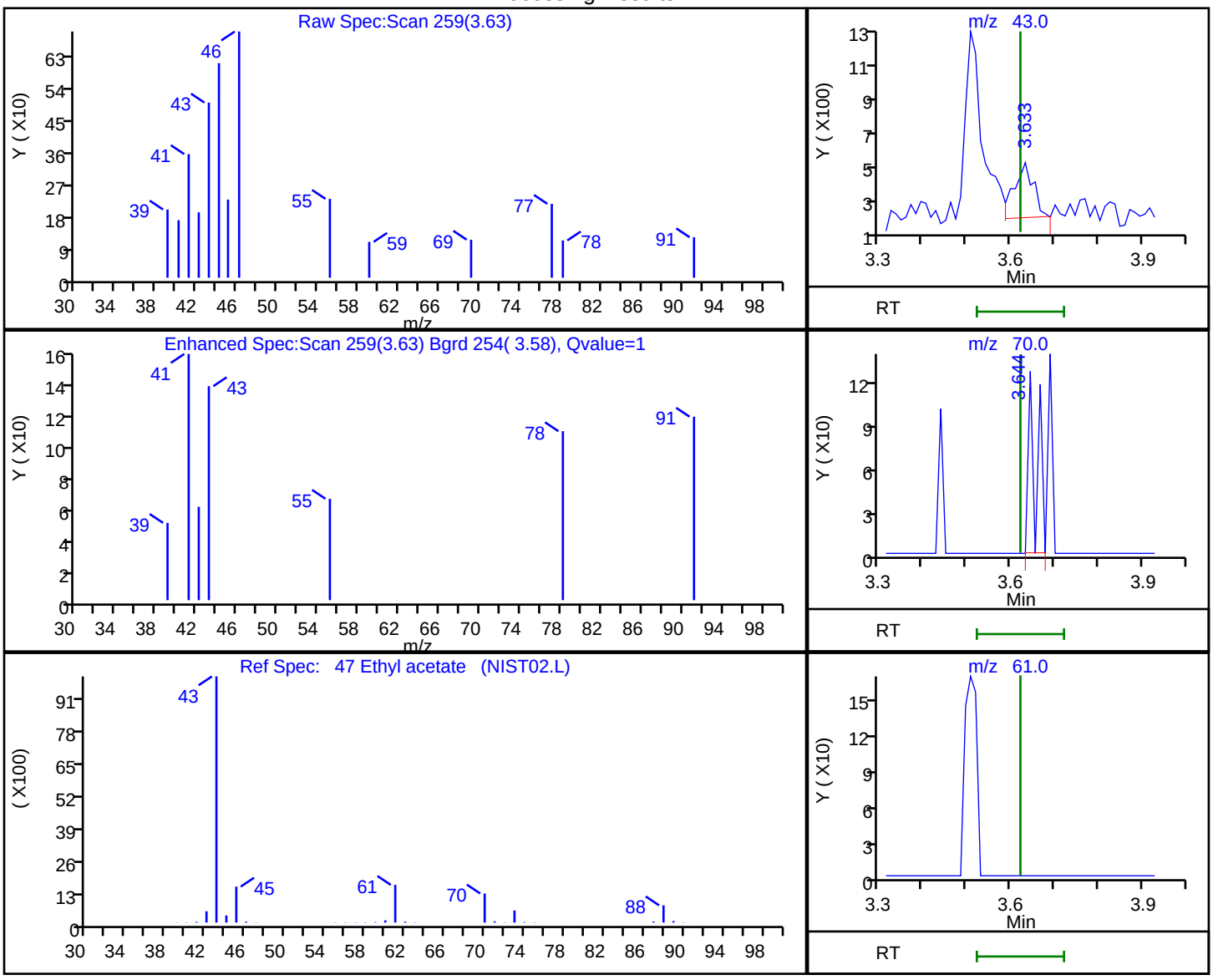
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 47 Ethyl acetate, CAS: 141-78-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.63 | 43.00 | 920 | 0.288085 |
| 3.64 | 70.00 | 166 | |
| 3.63 | 61.00 | 0 | |

Reviewer: NN6A, 22-Nov-2023 11:12:29 -05:00:00 (UTC)
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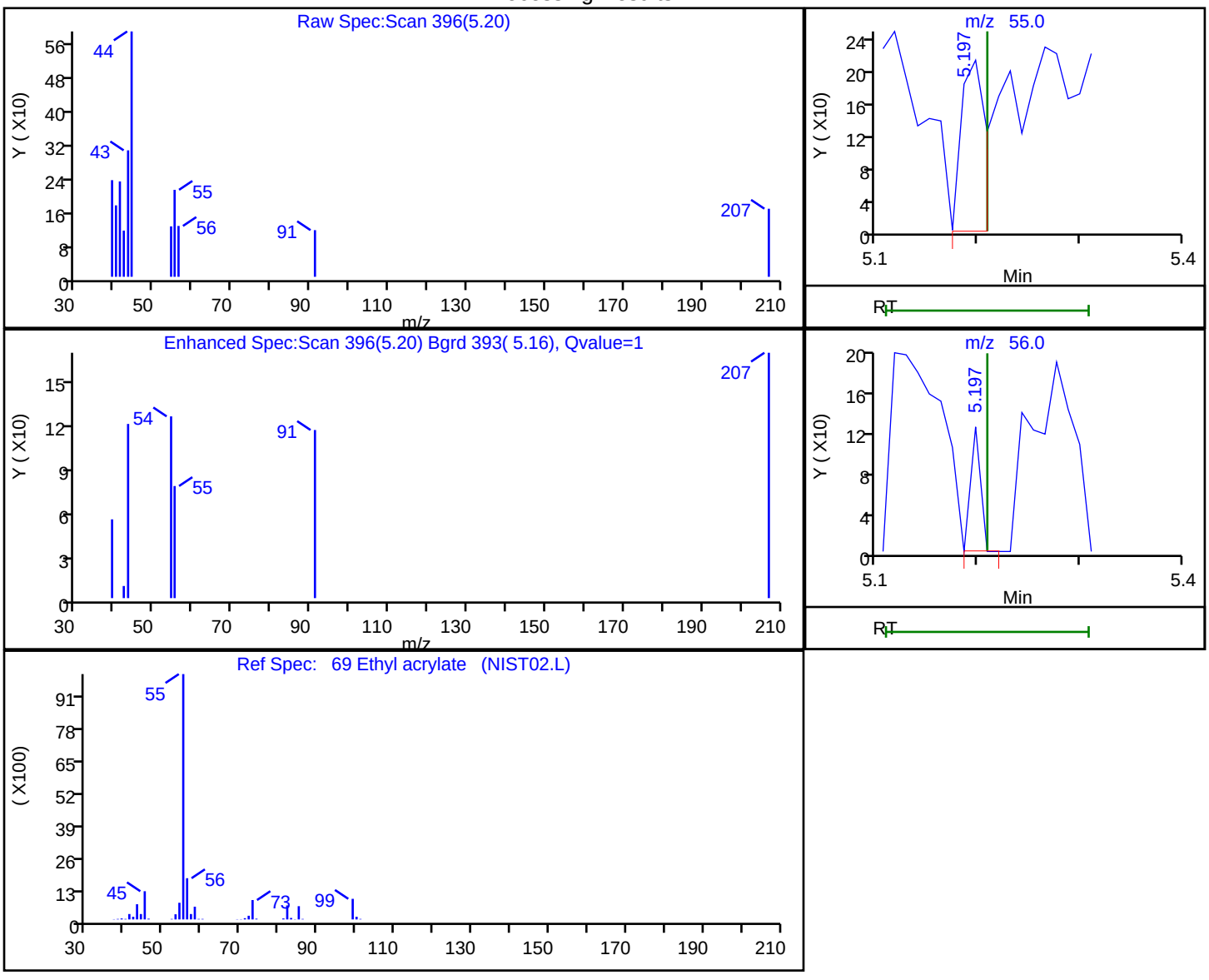
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 69 Ethyl acrylate, CAS: 140-88-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.20 | 55.00 | 346 | 0.087987 |
| 5.20 | 56.00 | 83 | |

Reviewer: NN6A, 22-Nov-2023 11:12:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

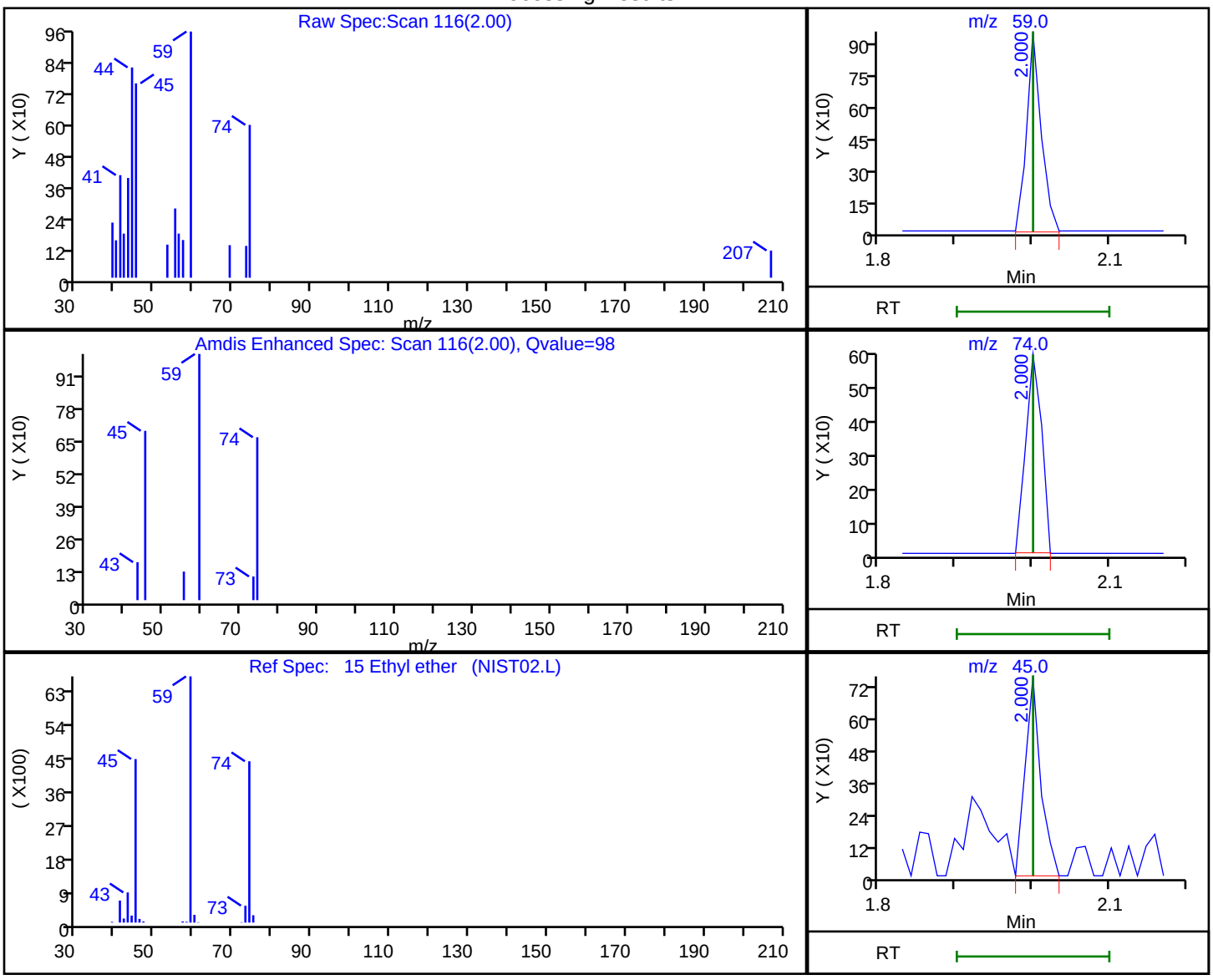
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 Ethyl ether, CAS: 60-29-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.00 | 59.00 | 1261 | 0.551704 |
| 2.00 | 74.00 | 860 | |
| 2.00 | 45.00 | 1069 | |

Reviewer: NN6A, 22-Nov-2023 11:12:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

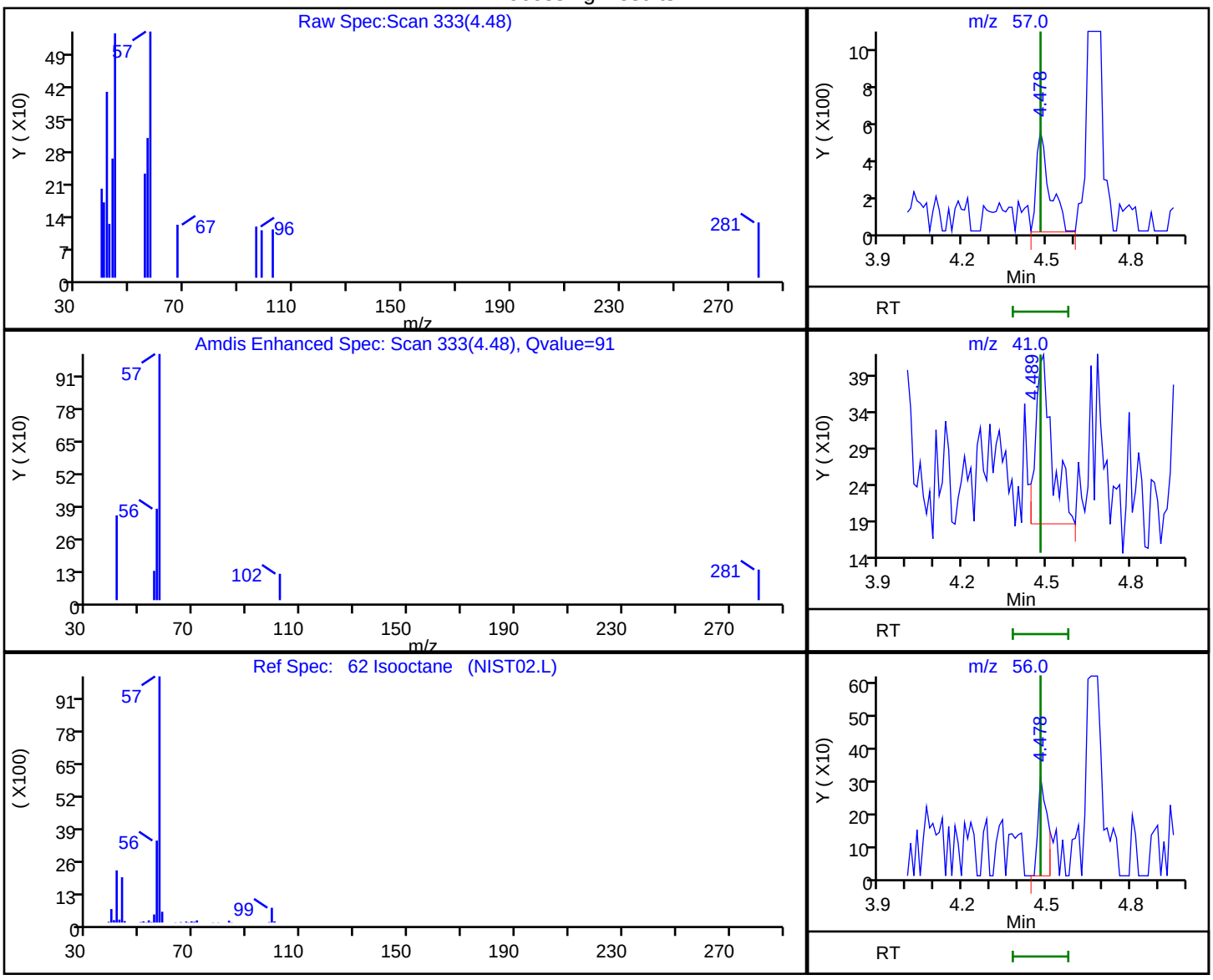
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 62 Isooctane, CAS: 540-84-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.48 | 57.00 | 1754 | 0.298305 |
| 4.49 | 41.00 | 949 | |
| 4.48 | 56.00 | 681 | |

Reviewer: NN6A, 22-Nov-2023 11:12:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

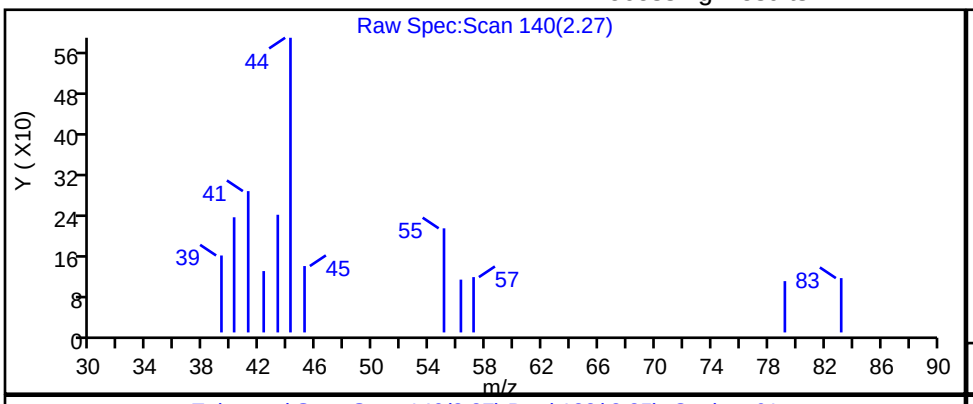
User Disabled Compound Report

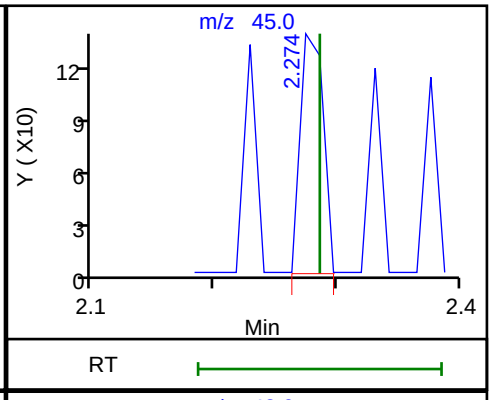
Eurofins Edison

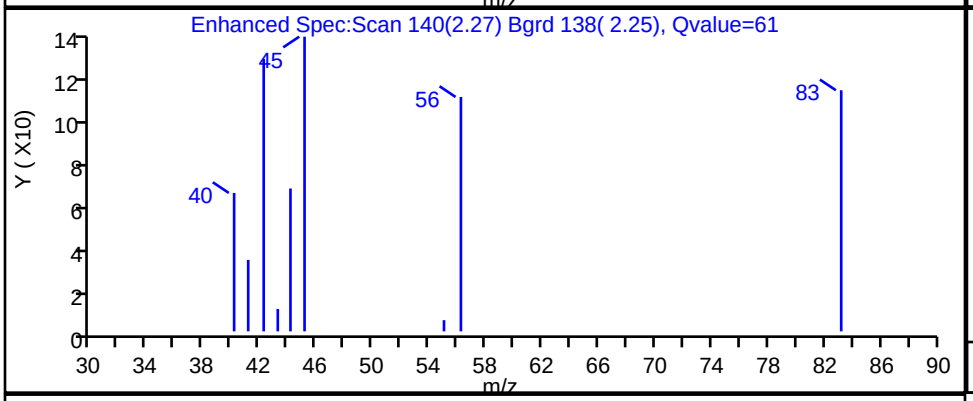
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

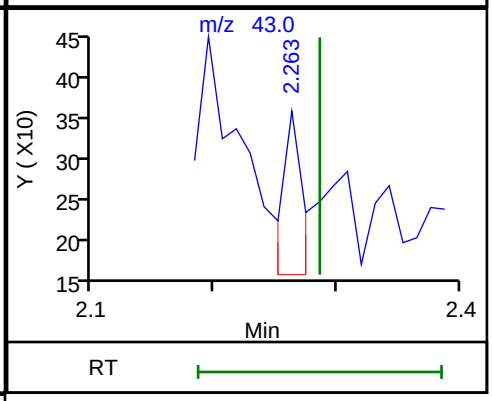
## 24 Isopropyl alcohol, CAS: 67-63-0

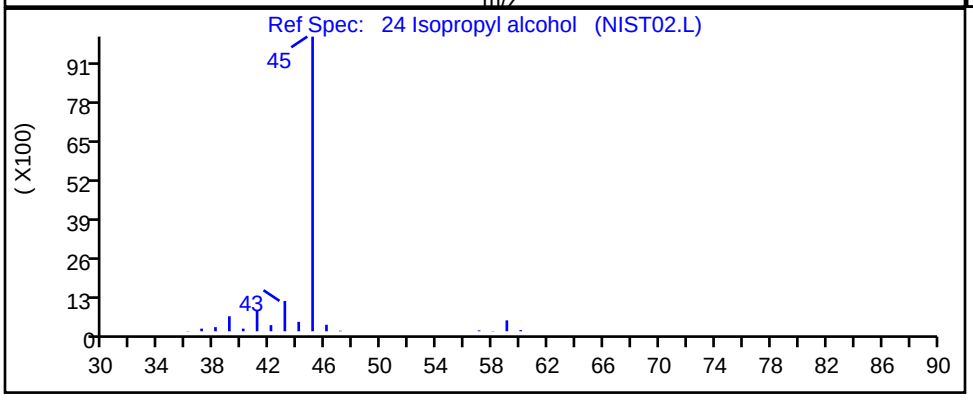
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.27 | 45.00 | 173 | 1.083463 |
| 2.26 | 43.00 | 229 | |

Reviewer: NN6A, 22-Nov-2023 11:12:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

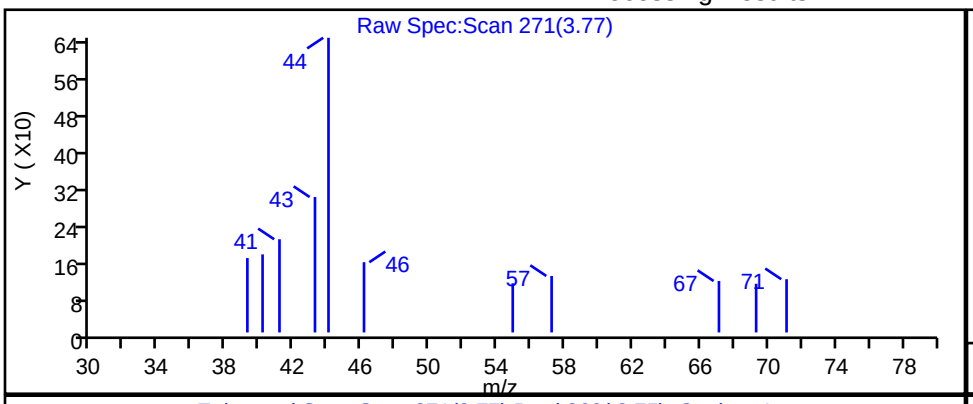
User Disabled Compound Report

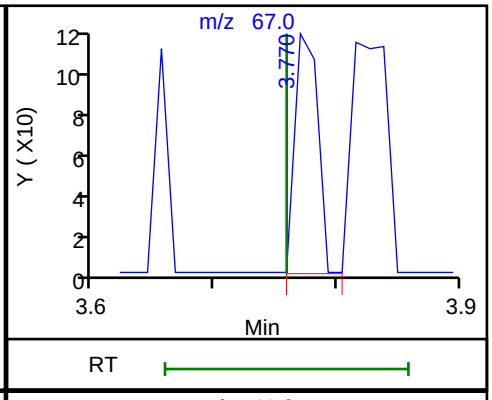
Eurofins Edison

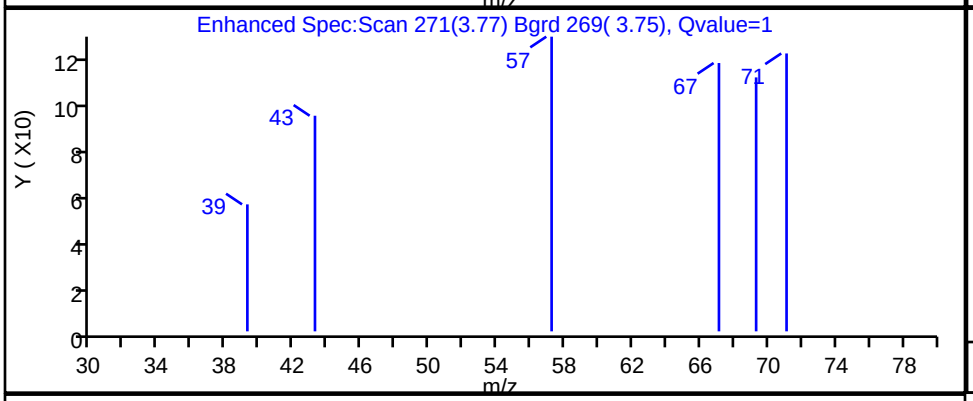
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

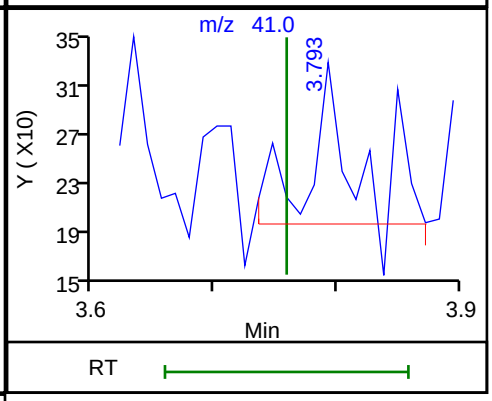
## 50 Methacrylonitrile, CAS: 126-98-7

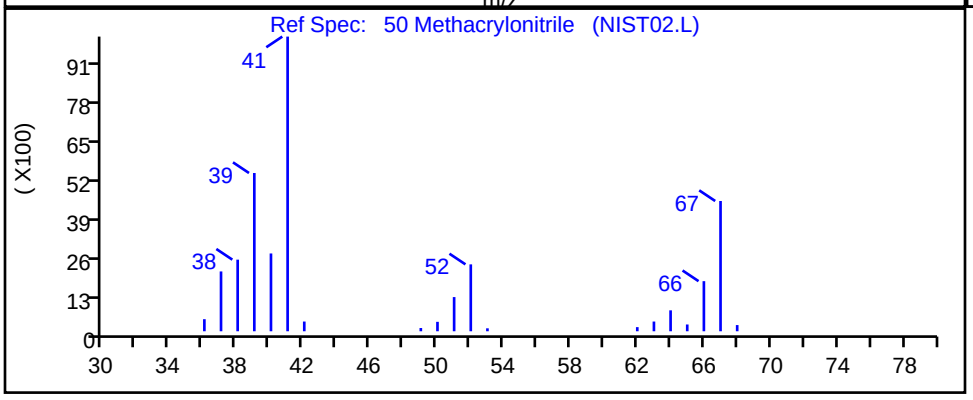
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.77 | 67.00 | 145 | 0.112331 |
| 3.79 | 41.00 | 338 | |

Reviewer: NN6A, 22-Nov-2023 11:12:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

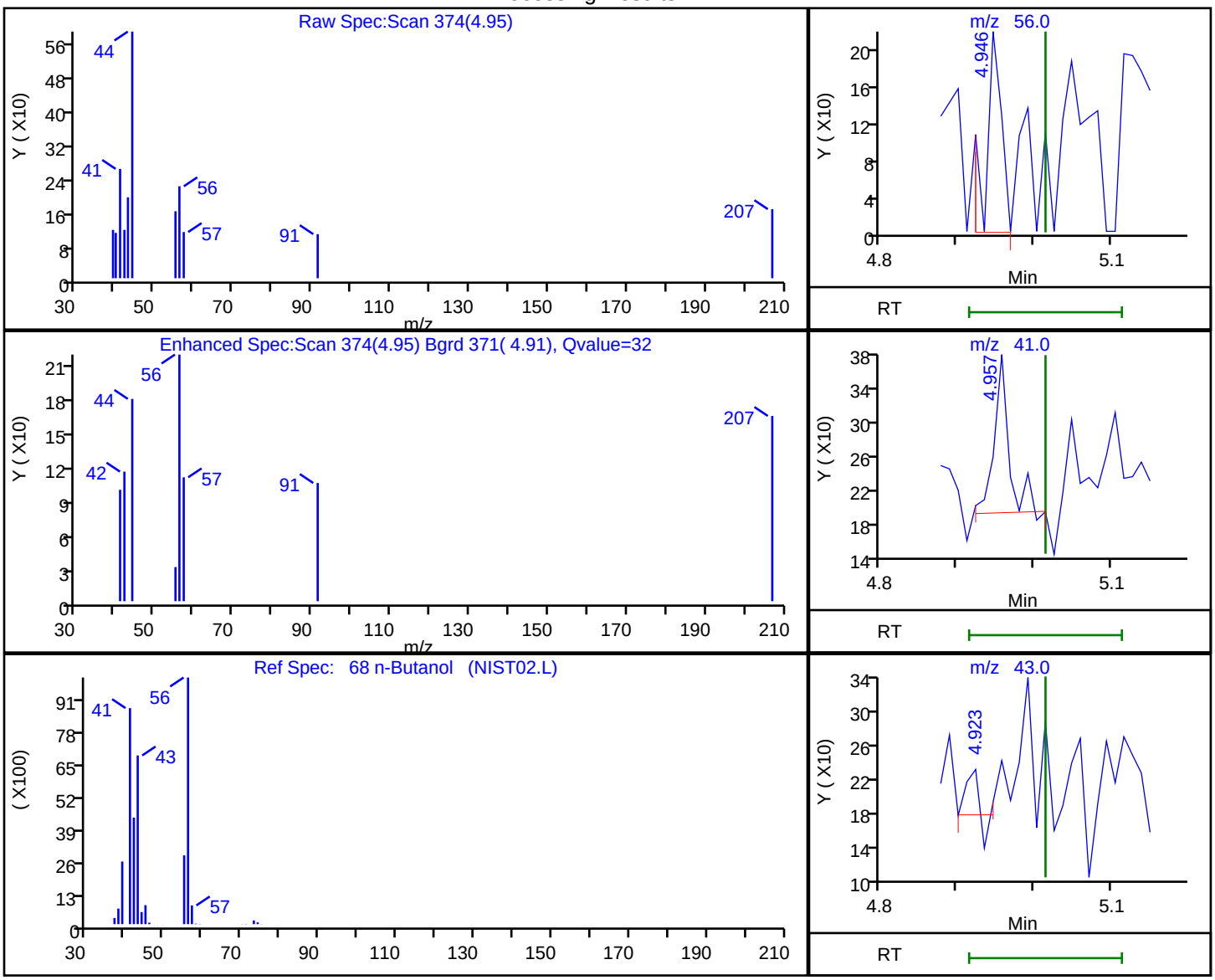
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 68 n-Butanol, CAS: 71-36-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.95 | 56.00 | 306 | 3.071931 |
| 4.96 | 41.00 | 239 | |
| 4.92 | 43.00 | 47 | |

Reviewer: NN6A, 22-Nov-2023 11:12:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

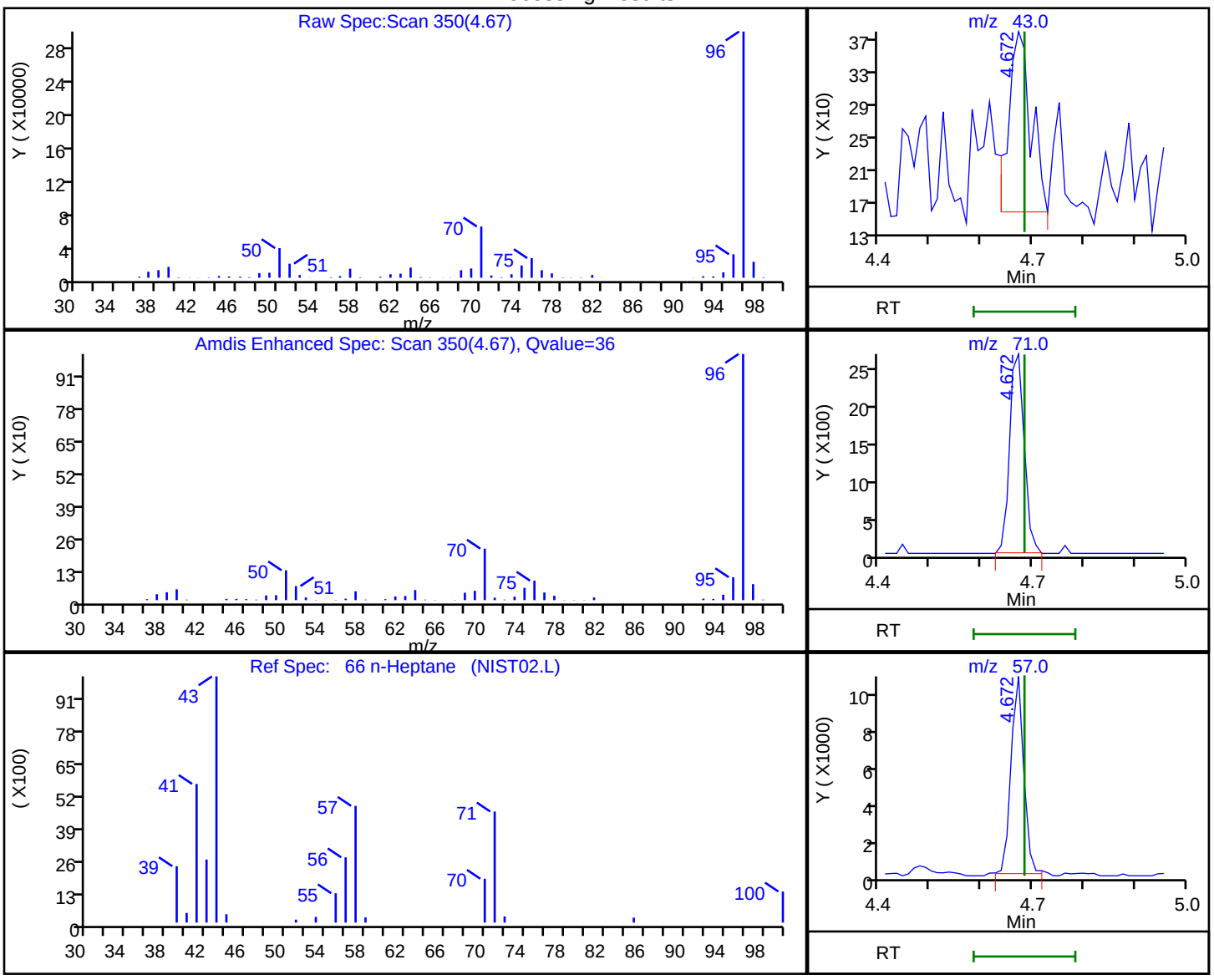
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 66 n-Heptane, CAS: 142-82-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.67 | 43.00 | 653 | 0.356255 |
| 4.67 | 71.00 | 5375 | |
| 4.67 | 57.00 | 18330 | |

Reviewer: NN6A, 22-Nov-2023 11:12:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

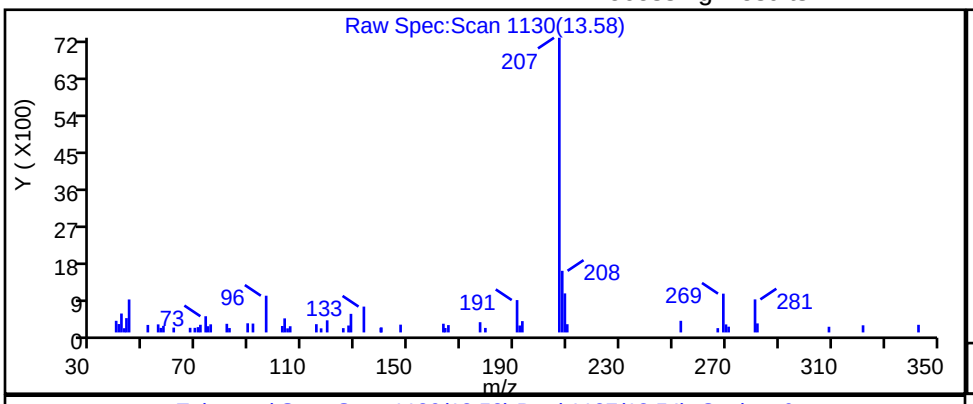
User Disabled Compound Report

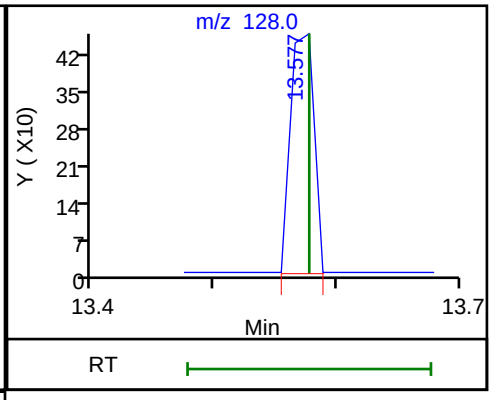
Eurofins Edison

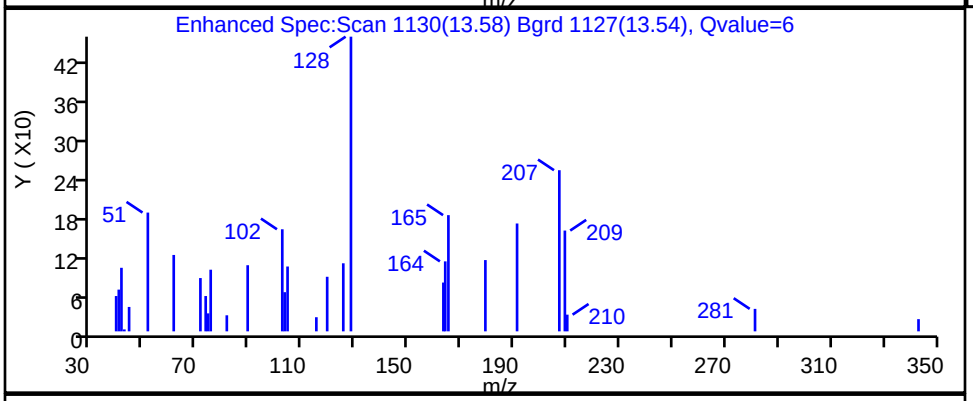
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

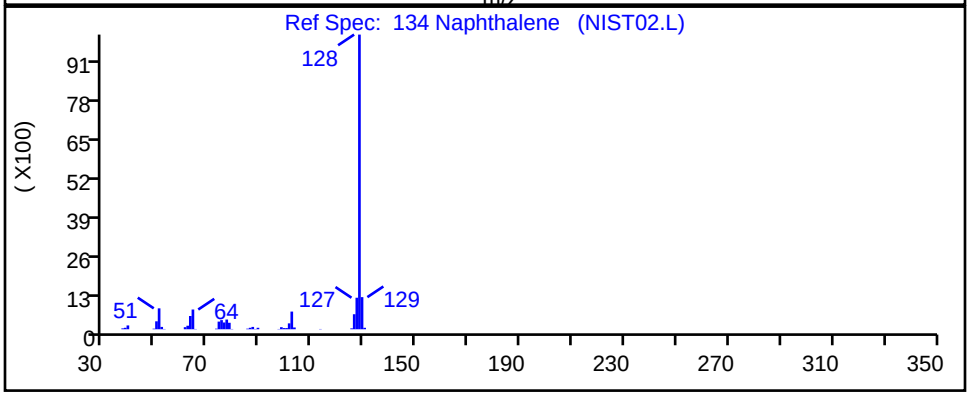
## 134 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.58 | 128.00 | 617 | 0.096530 |

Reviewer: NN6A, 22-Nov-2023 11:13:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

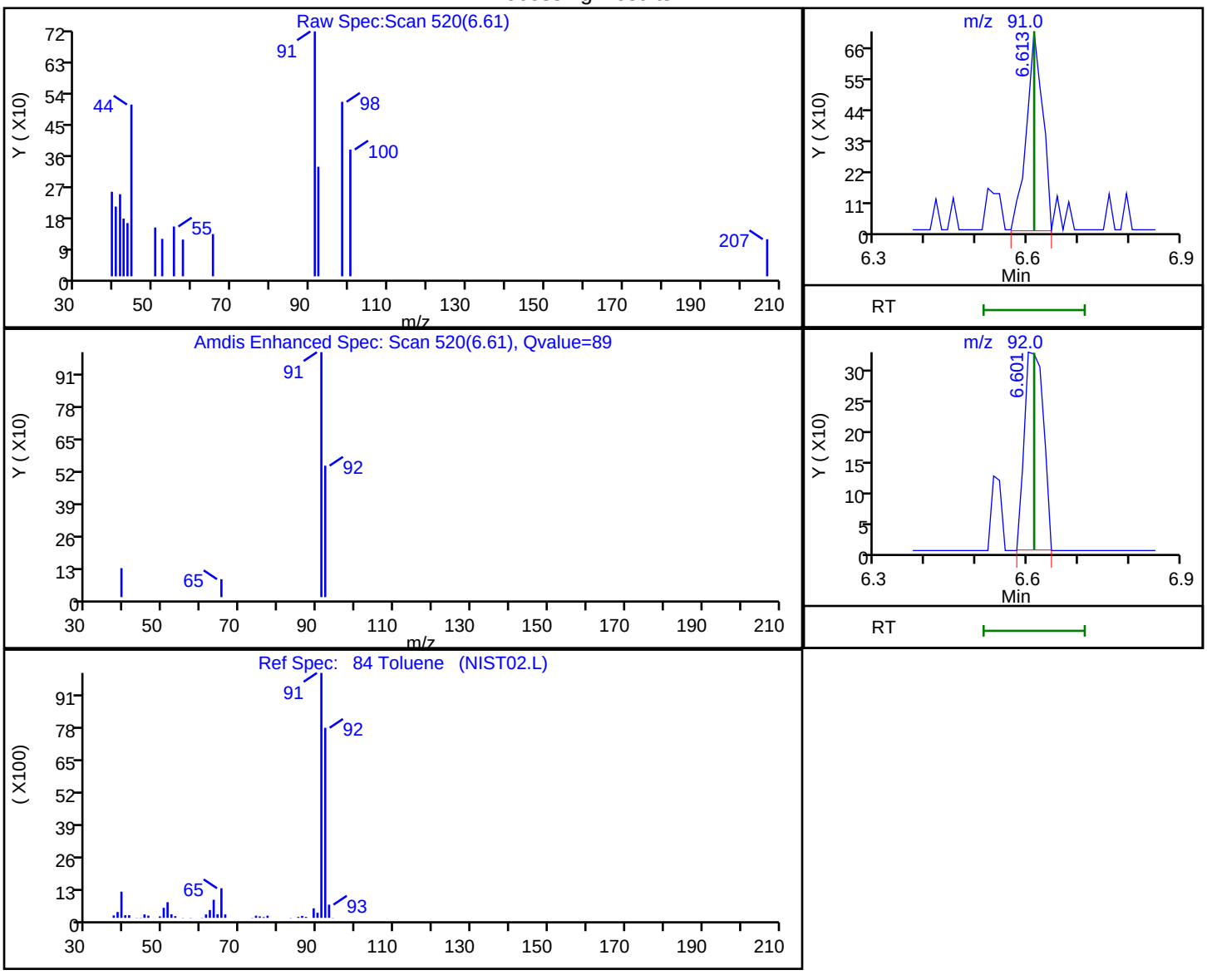
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 84 Toluene, CAS: 108-88-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.61 | 91.00 | 1575 | 0.125537 |
| 6.60 | 92.00 | 847 | |

Reviewer: NN6A, 22-Nov-2023 11:12:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

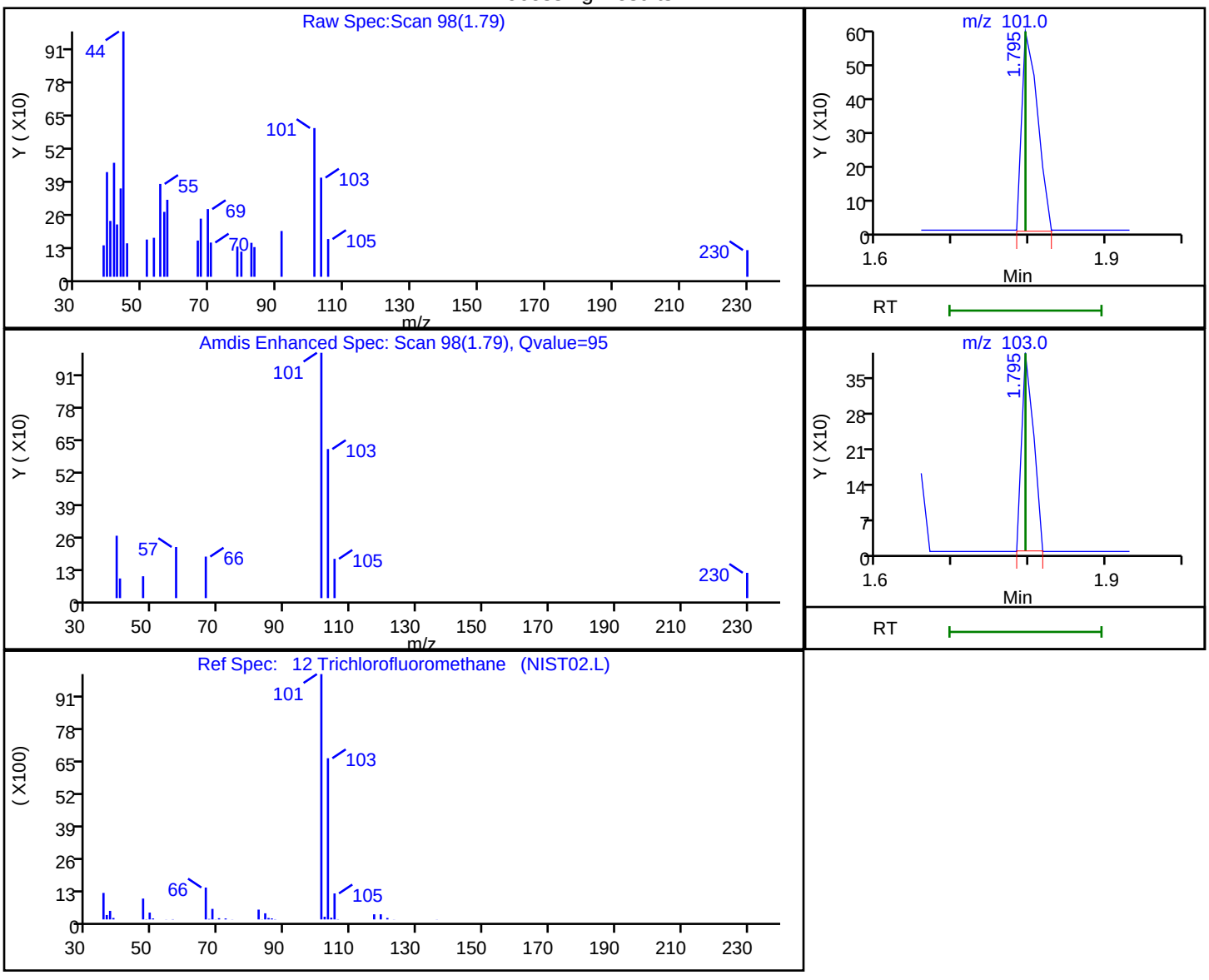
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.79 | 101.00 | 848 | 0.223327 |
| 1.79 | 103.00 | 425 | |

Reviewer: NN6A, 22-Nov-2023 11:12:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

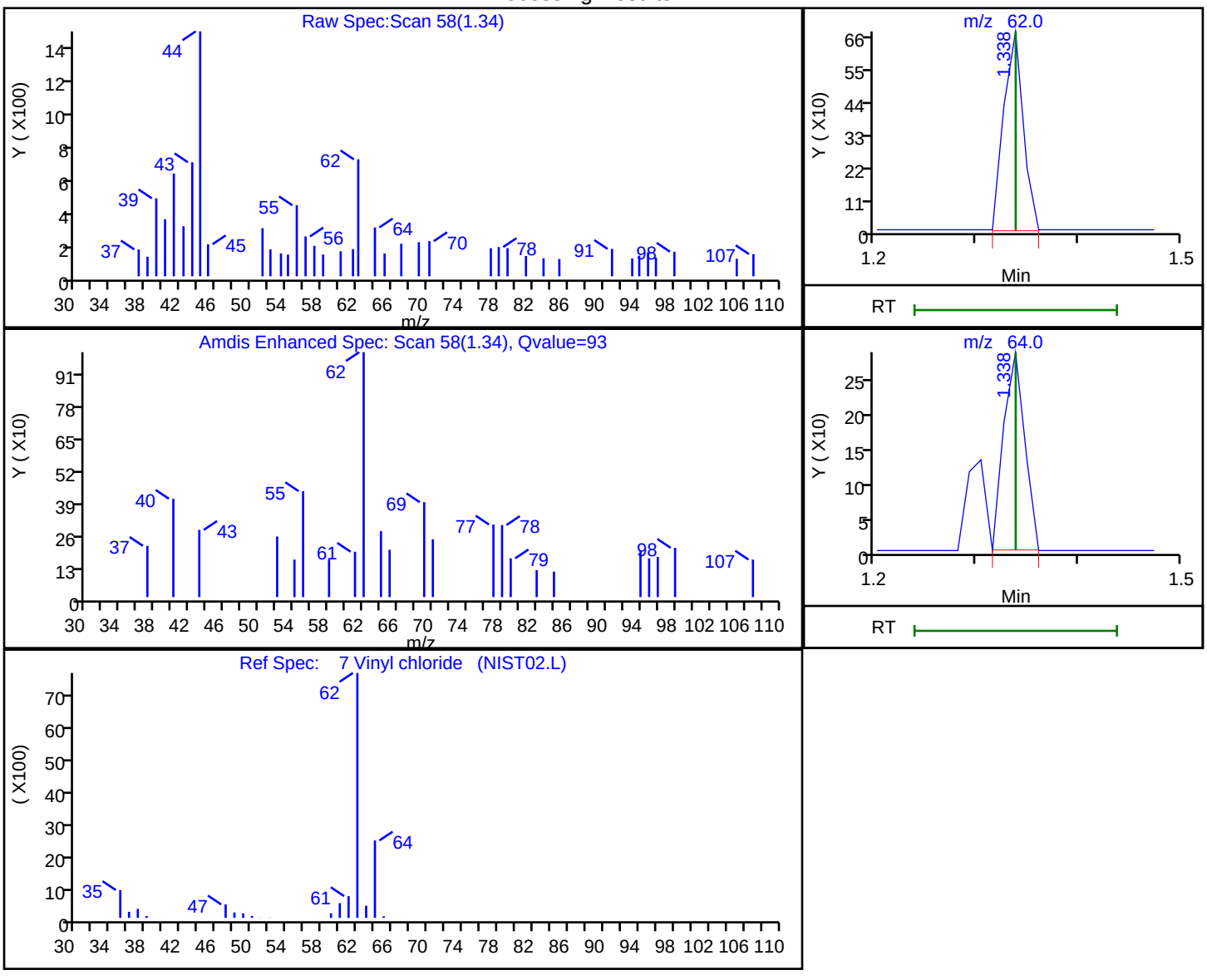
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11258.d
Injection Date: 22-Nov-2023 09:38:30 Instrument ID: CVOAMS12
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.34 | 62.00 | 896 | 0.252914 |
| 1.34 | 64.00 | 406 | |

Reviewer: NN6A, 22-Nov-2023 11:11:59 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11260.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Nov-2023 10:28:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0169242-004
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:40:35 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: RD6L Date: 22-Nov-2023 10:57:19

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 45 | 488 | 1.00 | 0.6807 | |
| 3 Dichlorodifluoromethane | 85 | 1.133 | 1.133 | 0.000 | 99 | 3345 | 1.00 | 0.9155 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 95 | 834 | 1.00 | 1.20 | M |
| 6 Chloromethane | 50 | 1.304 | 1.292 | 0.012 | 98 | 4181 | 1.00 | 1.03 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 98 | 3278 | 1.00 | 0.9636 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 93 | 3681 | 1.00 | 1.03 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 97 | 2967 | 1.00 | 1.06 | M |
| 10 Chloroethane | 64 | 1.624 | 1.624 | 0.000 | 97 | 2448 | 1.00 | 1.09 | |
| 11 Dichlorofluoromethane | 67 | 1.761 | 1.761 | 0.000 | 97 | 5568 | 1.00 | 1.03 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.795 | 0.000 | 98 | 3535 | 1.00 | 0.9366 | |
| 13 Pentane | 57 | 1.863 | 1.852 | 0.011 | 92 | 1046 | 2.00 | 1.88 | M |
| 14 Ethanol | 46 | 1.909 | 1.920 | -0.011 | 91 | 700 | 40.0 | 40.7 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 99 | 3712 | 1.00 | 1.15 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 82 | 1788 | 1.00 | 0.9161 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.023 | 2.012 | 0.011 | 94 | 2848 | 1.00 | 1.10 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 93 | 3656 | 1.00 | 1.02 | |
| 19 Acrolein | 56 | 2.080 | 2.080 | 0.000 | 33 | 1258 | 4.00 | 4.07 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 94 | 2122 | 1.00 | 1.04 | a |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.172 | 2.160 | 0.012 | 80 | 1882 | 1.00 | 0.8722 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 83 | 830 | 5.00 | 4.31 | |
| 23 Iodomethane | 142 | 2.274 | 2.263 | 0.011 | 98 | 2239 | 1.00 | 0.8131 | |
| 24 Isopropyl alcohol | 45 | 2.286 | 2.286 | 0.000 | 43 | 1690 | 10.0 | 11.3 | |
| 25 Carbon disulfide | 76 | 2.320 | 2.320 | 0.000 | 99 | 8238 | 1.00 | 1.11 | |
| 26 Acetonitrile | 38 | 2.423 | 2.411 | 0.012 | 74 | 1241 | 10.0 | 8.62 | a |
| 27 3-Chloro-1-propene | 76 | 2.423 | 2.423 | 0.000 | 88 | 1498 | 1.00 | 1.03 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 96 | 2556 | 2.00 | 1.82 | Ma |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 97 | 5514 | 1.00 | 1.06 | |
| 30 Methylene Chloride | 84 | 2.514 | 2.503 | 0.011 | 95 | 2955 | 1.00 | 1.08 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 220609 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 97 | 2900 | 10.0 | 11.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.697 | 2.685 | 0.012 | 93 | 7516 | 10.0 | 9.14 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.720 | 2.720 | 0.000 | 93 | 2543 | 1.00 | 1.01 | |
| 35 Methyl tert-butyl ether | 73 | 2.731 | 2.720 | 0.011 | 98 | 8124 | 1.00 | 0.99 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 91 | 2927 | 1.00 | 1.10 | |
| 37 1,1-Dichloroethane | 63 | 3.051 | 3.051 | 0.000 | 99 | 4811 | 1.00 | 0.99 | |
| 38 Vinyl acetate | 86 | 3.108 | 3.096 | 0.012 | 100 | 1042 | 2.00 | 2.25 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 97 | 9716 | 1.00 | 1.03 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.131 | 3.131 | 0.000 | 92 | 2383 | 1.00 | 0.9841 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 87 | 8972 | 1.00 | 1.02 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 296232 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 86 | 2799 | 1.00 | 1.01 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 53 | 1061 | 1.00 | 1.11 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 99 | 1586 | 5.00 | 4.98 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 92 | 3194 | 10.0 | 9.12 | |
| 47 Ethyl acetate | 43 | 3.633 | 3.622 | 0.011 | 98 | 6926 | 2.00 | 2.28 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 97 | 3889 | 1.00 | 1.23 | Ma |
| 50 Methacrylonitrile | 67 | 3.758 | 3.759 | 0.000 | 92 | 12127 | 10.0 | 10.2 | |
| 49 Chlorobromomethane | 128 | 3.758 | 3.759 | 0.000 | 46 | 1264 | 1.00 | 1.02 | |
| 51 Tetrahydrofuran | 42 | 3.816 | 3.816 | 0.000 | 85 | 1555 | 2.00 | 2.22 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 97 | 4937 | 1.00 | 1.07 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 95 | 88454 | 50.0 | 51.4 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 96 | 4070 | 1.00 | 1.04 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 94 | 2826 | 1.00 | 0.9091 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 91 | 3742 | 1.00 | 1.01 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 74 | 2899 | 1.00 | 0.99 | |
| 61 Isobutyl alcohol | 43 | 4.306 | 4.307 | -0.001 | 28 | 2708 | 25.0 | 20.2 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 129619 | 50.0 | 51.8 | |
| 59 Benzene | 78 | 4.386 | 4.375 | 0.011 | 96 | 11520 | 1.00 | 1.06 | |
| 60 1,2-Dichloroethane | 62 | 4.398 | 4.398 | 0.000 | 97 | 4032 | 1.00 | 1.05 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 68 | 6010 | 1.00 | 0.9577 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 92 | 884 | 1.00 | 0.8508 | |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 93 | 8179 | 1.00 | 1.01 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 98 | 510019 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 36 | 2854 | 1.00 | 1.32 | |
| 68 n-Butanol | 56 | 5.026 | 5.014 | 0.012 | 85 | 2425 | 25.0 | 24.9 | |
| 67 Trichloroethene | 95 | 5.071 | 5.060 | 0.011 | 91 | 3317 | 1.00 | 1.14 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 97 | 2941 | 1.00 | 0.7936 | |
| 70 Methylcyclohexane | 83 | 5.277 | 5.277 | 0.000 | 93 | 2824 | 1.00 | 0.9657 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 93 | 3252 | 1.00 | 1.08 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 34247 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 26 | 1637 | 1.00 | 1.00 | |
| 75 Methyl methacrylate | 100 | 5.482 | 5.471 | 0.011 | 90 | 1683 | 2.00 | 2.08 | |
| 74 1,4-Dioxane | 88 | 5.482 | 5.482 | 0.000 | 47 | 1950 | 50.0 | 50.7 | |
| 76 n-Propyl acetate | 43 | 5.562 | 5.562 | 0.000 | 99 | 4744 | 1.00 | 1.08 | M |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 97 | 3513 | 1.00 | 0.9848 | |
| 78 2-Nitropropane | 41 | 5.916 | 5.916 | 0.000 | 98 | 1811 | 2.00 | 1.71 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.030 | 6.030 | 0.000 | 90 | 1535 | 1.00 | 0.8534 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 98 | 7030 | 20.0 | 20.7 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.190 | 6.190 | 0.000 | 95 | 4555 | 1.00 | 1.00 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 98 | 13884 | 5.00 | 4.86 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 98 | 407447 | 50.0 | 52.0 | |
| 84 Toluene | 91 | 6.613 | 6.613 | 0.000 | 92 | 14051 | 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 | 6.921 | 6.921 | 0.000 | 96 | 4300 | 1.00 | 0.9565 | |
| 86 Ethyl methacrylate | 69 | 7.092 | 7.092 | 0.000 | 88 | 3507 | 1.00 | 0.9413 | |
| 87 1,1,2-Trichloroethane | 83 | 7.149 | 7.161 | -0.012 | 90 | 2098 | 1.00 | 0.9637 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 95 | 2575 | 1.00 | 1.13 | |
| 89 1,3-Dichloropropane | 76 | 7.378 | 7.389 | -0.011 | 96 | 4494 | 1.00 | 0.99 | |
| 90 2-Hexanone | 43 | 7.549 | 7.549 | 0.000 | 95 | 9090 | 5.00 | 4.64 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 94 | 2130 | 1.00 | 0.9402 | |
| 92 n-Butyl acetate | 43 | 7.777 | 7.766 | 0.011 | 97 | 4429 | 1.00 | 1.02 | |
| 93 Ethylene Dibromide | 107 | 7.834 | 7.834 | 0.000 | 98 | 2132 | 1.00 | 0.8988 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 89 | 385125 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.576 | 8.576 | 0.000 | 95 | 7434 | 1.00 | 1.04 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.702 | 8.713 | -0.011 | 89 | 2064 | 1.00 | 0.9489 | |
| 97 Ethylbenzene | 106 | 8.770 | 8.771 | -0.001 | 98 | 4219 | 1.00 | 1.11 | |
| 98 m-Xylene & p-Xylene | 106 | 8.965 | 8.965 | 0.000 | 0 | 4646 | 1.00 | 1.07 | |
| 99 o-Xylene | 106 | 9.558 | 9.570 | -0.012 | 91 | 4307 | 1.00 | 0.9854 | |
| 100 Styrene | 104 | 9.593 | 9.593 | -0.001 | 96 | 7642 | 1.00 | 0.9840 | |
| 101 n-Butyl acrylate | 73 | 9.615 | 9.615 | 0.000 | 78 | 1856 | 1.00 | 1.03 | |
| 102 Bromoform | 173 | 9.832 | 9.832 | 0.000 | 89 | 1545 | 1.00 | 1.02 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.004 | 10.004 | 0.000 | 89 | 4093 | 1.00 | 0.99 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 97 | 10588 | 1.00 | 1.04 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 83 | 108001 | 50.0 | 51.2 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 93 | 2989 | 1.00 | 1.07 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 97 | 3641 | 1.00 | 1.10 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 95 | 3073 | 1.00 | 1.05 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 80 | 1472 | 1.00 | 0.99 | |
| 110 N-Propylbenzene | 91 | 10.848 | 10.860 | -0.012 | 98 | 11670 | 1.00 | 1.07 | |
| 111 2-Chlorotoluene | 91 | 10.940 | 10.940 | 0.000 | 95 | 8145 | 1.00 | 1.06 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 98 | 8809 | 1.00 | 1.03 | a |
| 113 4-Chlorotoluene | 91 | 11.134 | 11.134 | 0.000 | 97 | 9241 | 1.00 | 1.07 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.157 | 11.168 | -0.011 | 91 | 7211 | 1.00 | 1.07 | |
| 115 Butyl Methacrylate | 87 | 11.374 | 11.374 | 0.000 | 89 | 2264 | 1.00 | 1.05 | |
| 116 tert-Butylbenzene | 119 | 11.579 | 11.579 | 0.000 | 93 | 5470 | 1.00 | 0.9798 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.625 | 11.636 | -0.011 | 98 | 7755 | 1.00 | 1.09 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 98 | 7795 | 1.00 | 1.00 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 93 | 4914 | 1.00 | 1.07 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 98 | 184151 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.979 | 0.000 | 96 | 6471 | 1.00 | 1.05 | |
| 121 1,4-Dichlorobenzene | 146 | 11.979 | 11.979 | 0.000 | 72 | 5140 | 1.00 | 1.11 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 98 | 7914 | 1.00 | 1.05 | |
| 124 Benzyl chloride | 126 | 12.127 | 12.116 | 0.011 | 86 | 889 | 1.00 | 0.7501 | |
| 125 2,3-Dihydroindene | 117 | 12.218 | 12.218 | 0.000 | 92 | 8850 | 1.00 | 1.05 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 94 | 4805 | 1.00 | 1.06 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 92 | 3367 | 1.00 | 0.9525 | |
| 128 n-Butylbenzene | 92 | 12.333 | 12.333 | 0.000 | 97 | 3243 | 1.00 | 1.13 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 96 | 7738 | 1.00 | 1.11 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.903 | 12.903 | 0.000 | 36 | 647 | 1.00 | 1.04 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 94 | 2579 | 1.00 | 1.12 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 91 | 2505 | 1.00 | 1.12 | |
| 133 Hexachlorobutadiene | 225 | 13.543 | 13.543 | 0.000 | 90 | 839 | 1.00 | 1.09 | |
| 134 Naphthalene | 128 | 13.577 | 13.577 | 0.000 | 98 | 8808 | 1.00 | 1.10 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 92 | 2406 | 1.00 | 1.13 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 2.03 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 2.00 | 2.05 | |
| S 139 Total BTEX | 1 | | | | 0 | | 5.00 | 5.36 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00558 | Amount Added: | 10.00 | Units: uL | |
| 8260MIX1COMB_00179 | Amount Added: | 10.00 | Units: uL | |
| 14DIOXINTER_00162 | Amount Added: | 30.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 10.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 22-Nov-2023 14:40:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11260.d

Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12 Operator ID:

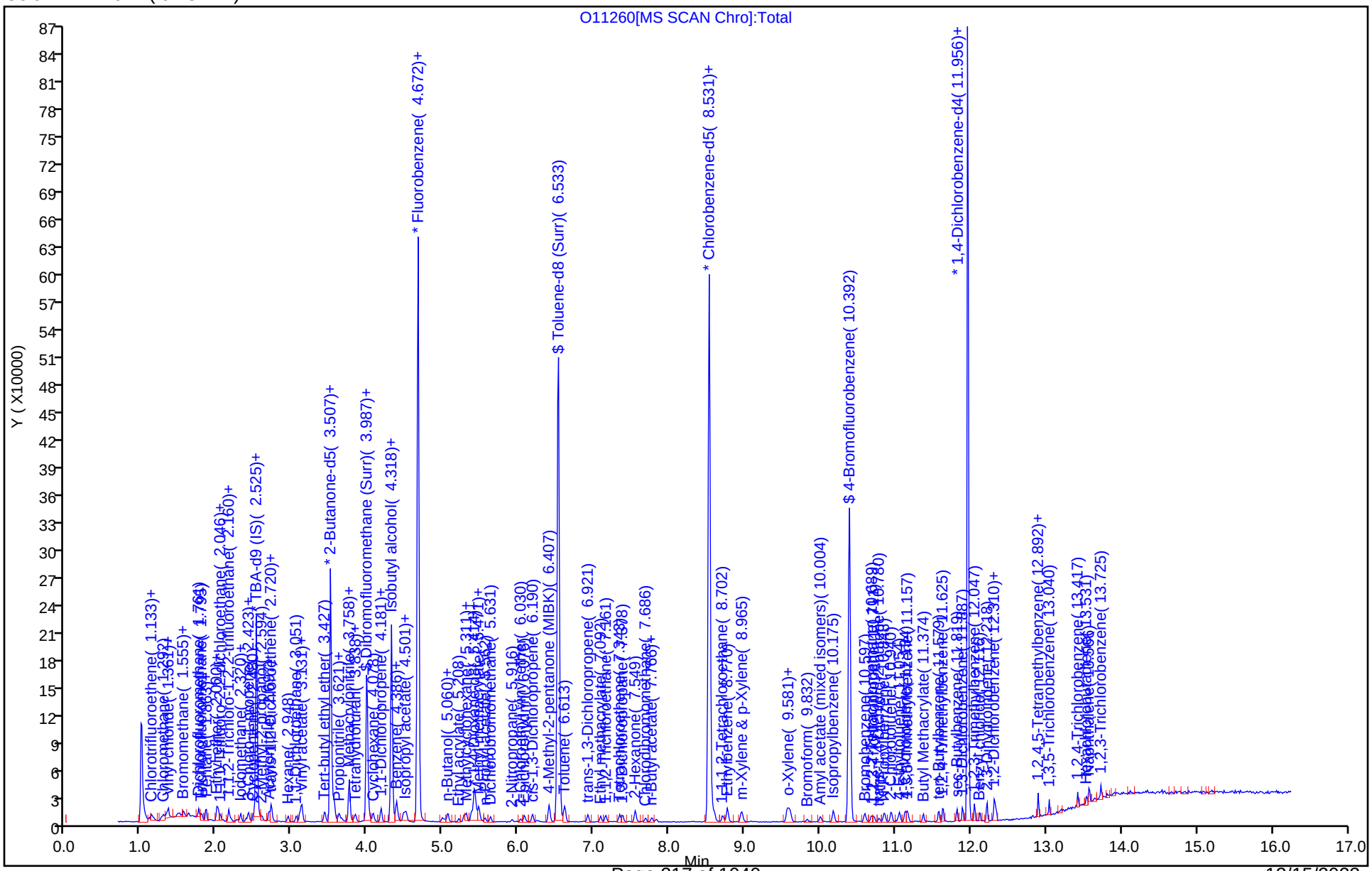
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

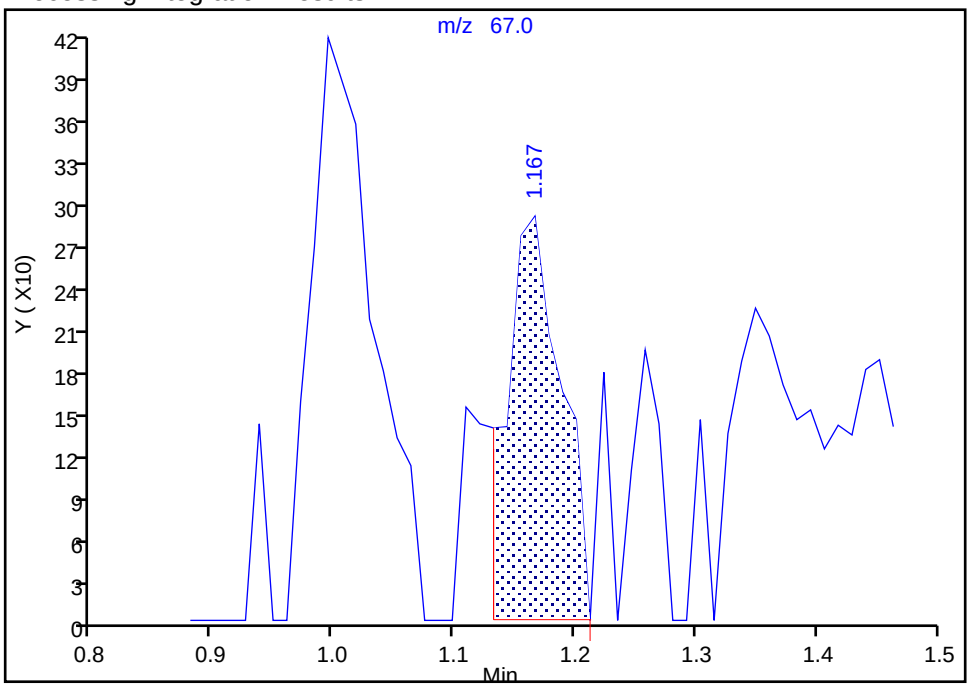
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Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

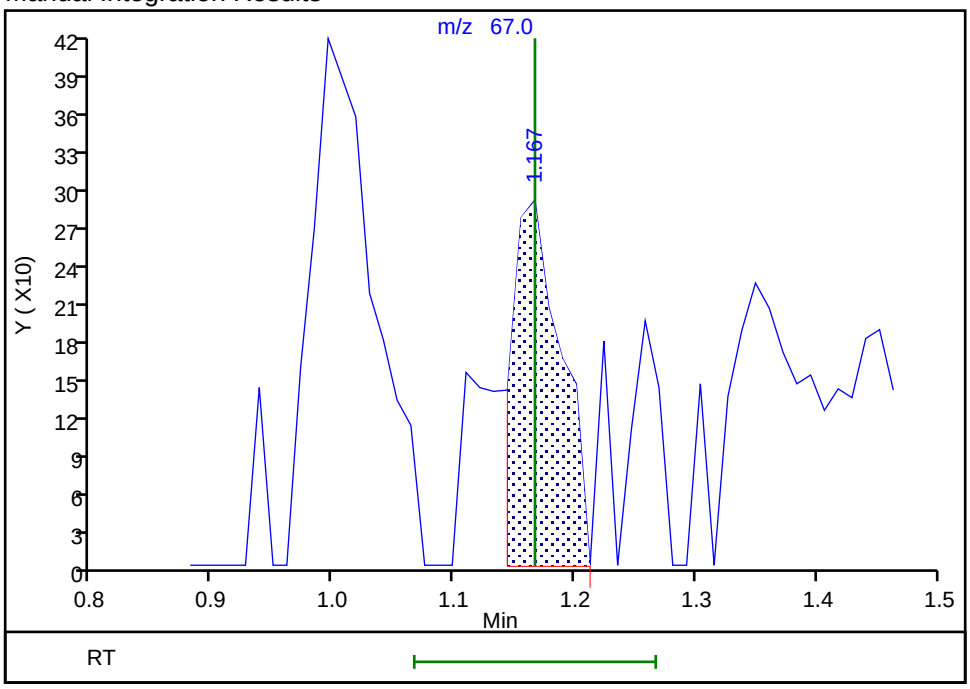
Processing Integration Results

RT: 1.17
Area: 929
Amount: 1.346182
Amount Units: ug/l




Manual Integration Results

RT: 1.17
Area: 834
Amount: 1.203332
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 13:44:51 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

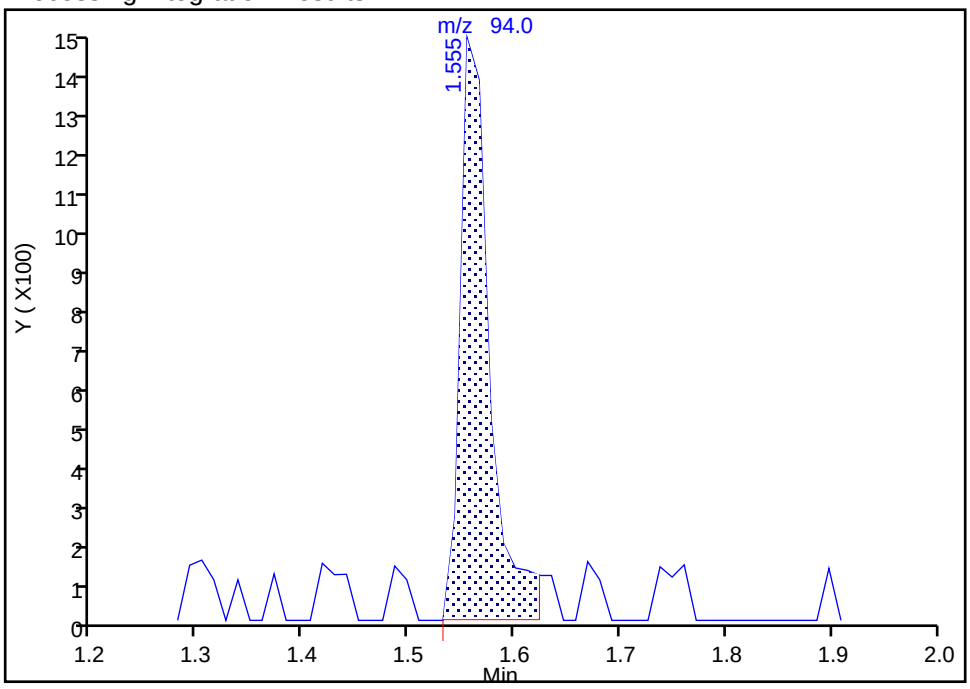
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Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 9 Bromomethane, CAS: 74-83-9

Signal: 1

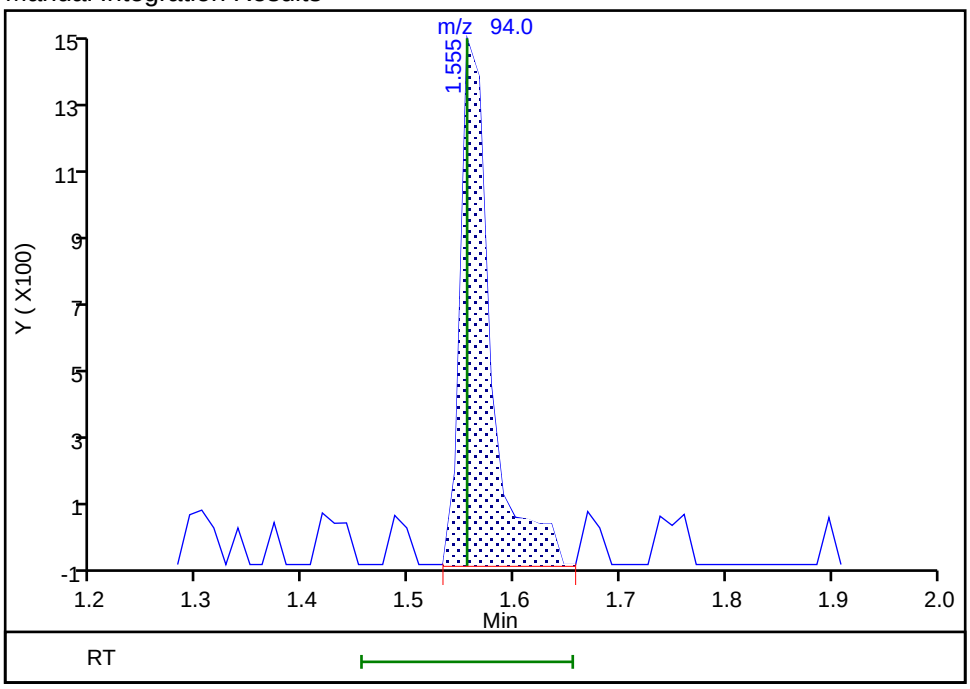
Processing Integration Results

RT: 1.56
Area: 2873
Amount: 1.026468
Amount Units: ug/l




Manual Integration Results

RT: 1.56
Area: 2967
Amount: 1.060089
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 13:46:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

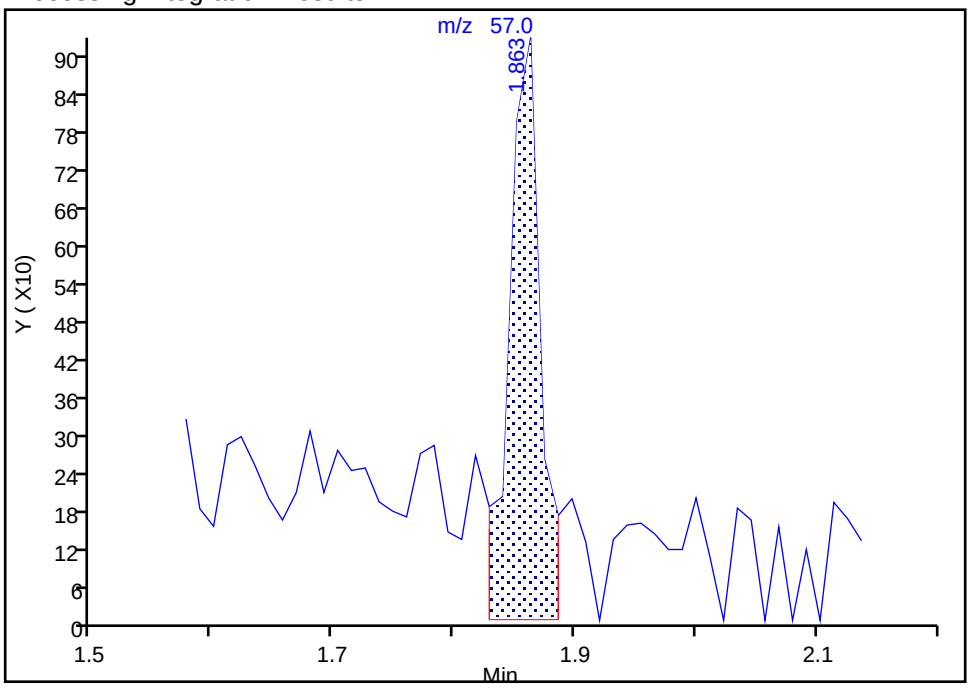
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Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 Pentane, CAS: 109-66-0

Signal: 1

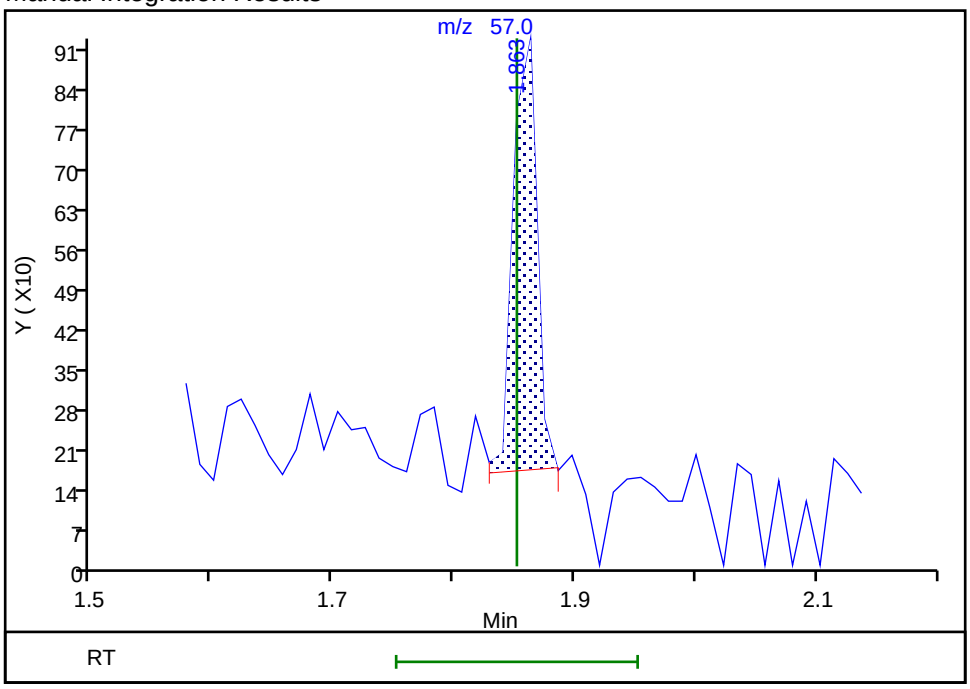
Processing Integration Results

RT: 1.86
Area: 1732
Amount: 3.206740
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 1046
Amount: 1.876519
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 13:47:14 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

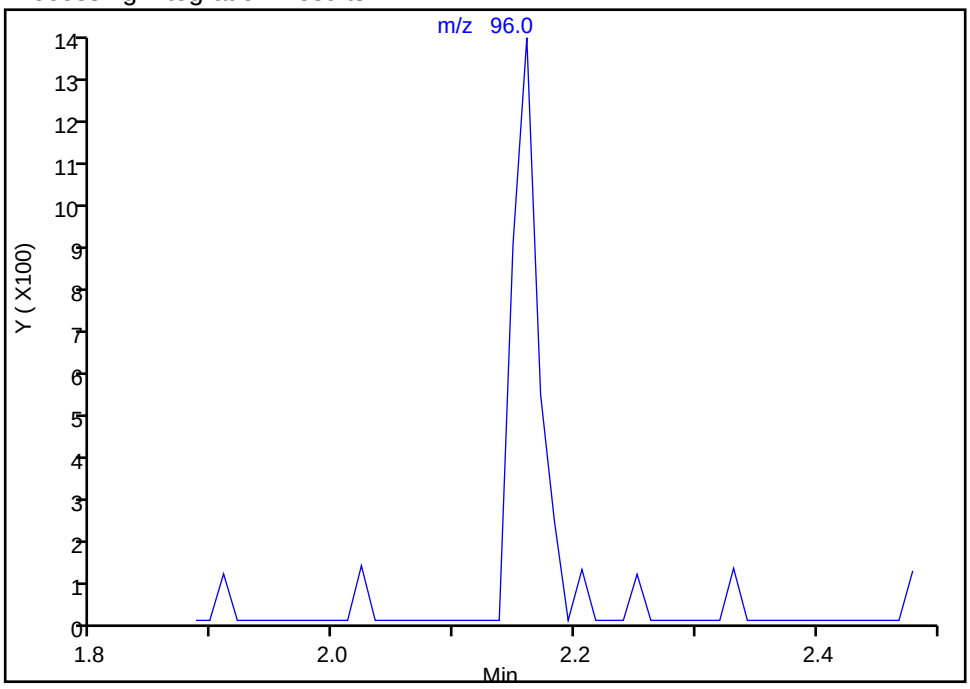
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Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

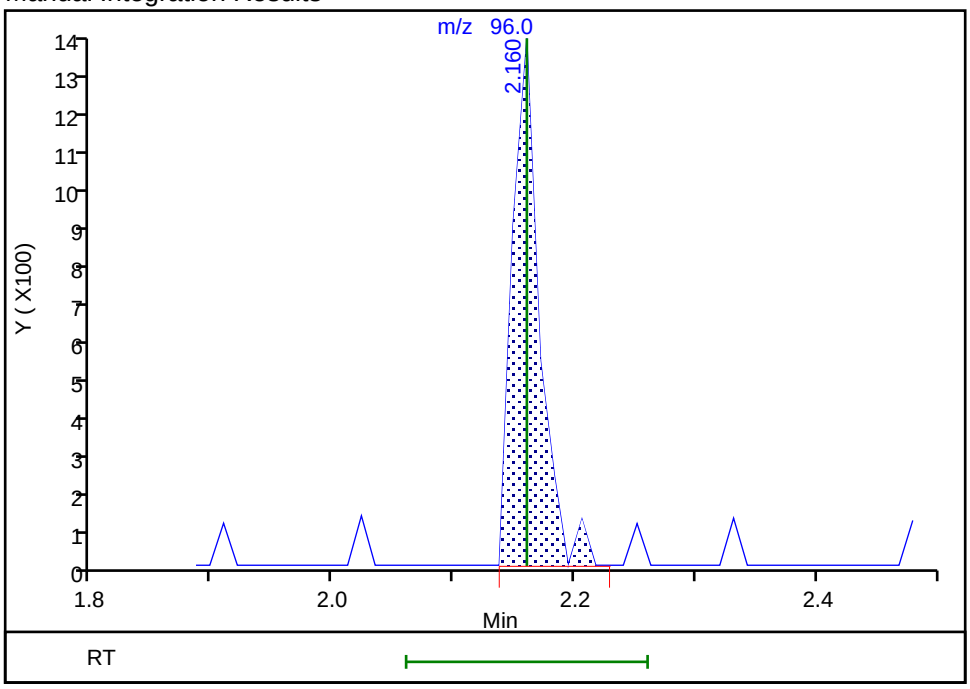
Not Detected
Expected RT: 2.16

Processing Integration Results




Manual Integration Results

RT: 2.16
Area: 2122
Amount: 1.043971
Amount Units: ug/l




Reviewer: RD6L, 22-Nov-2023 10:52:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

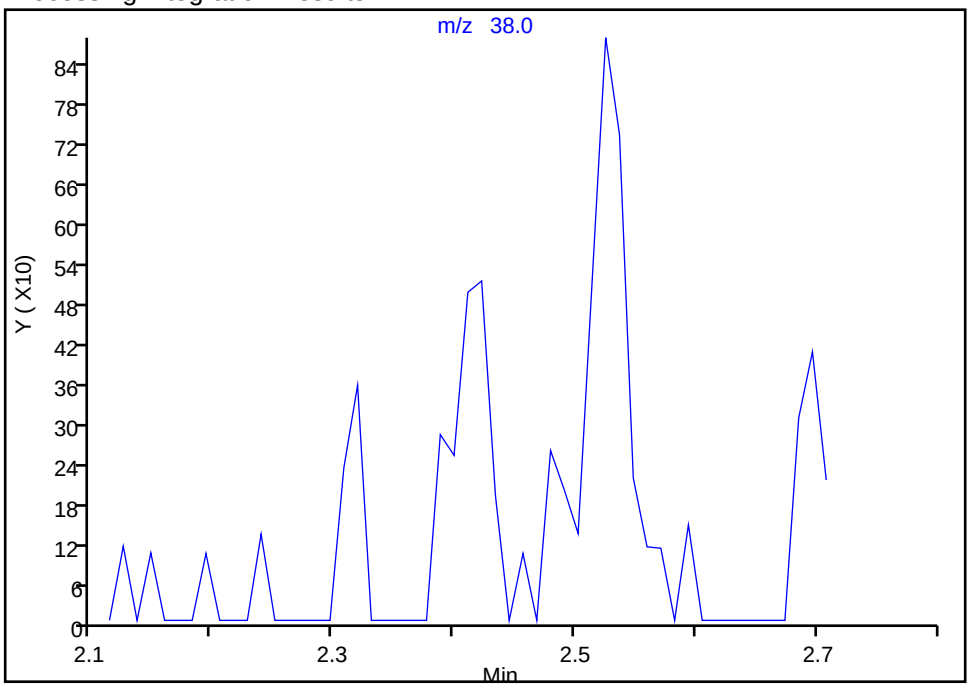
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Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 26 Acetonitrile, CAS: 75-05-8

Signal: 1

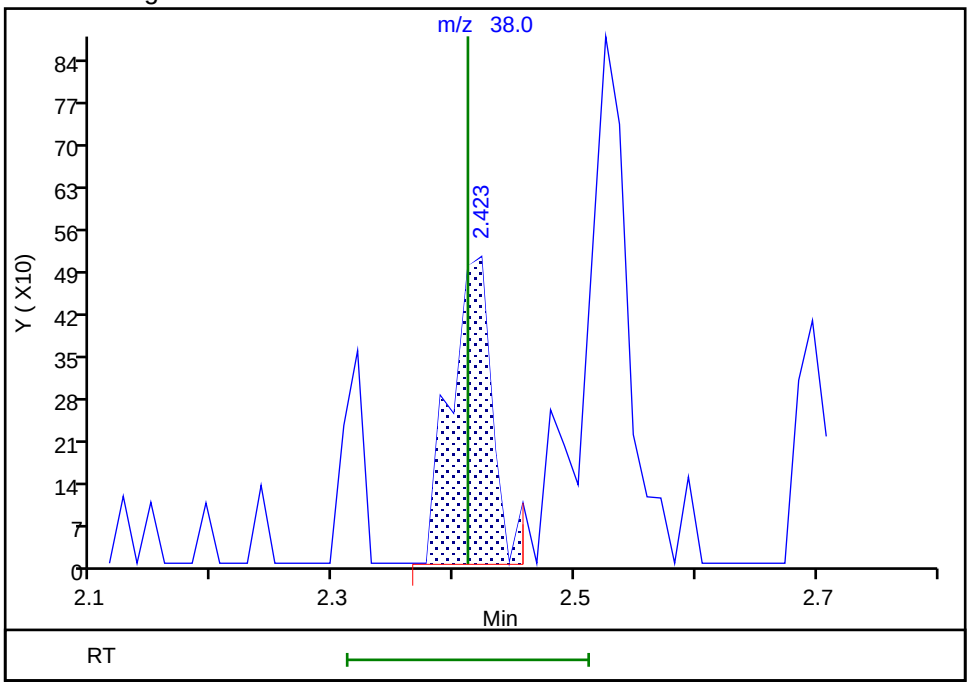
Not Detected
Expected RT: 2.41

Processing Integration Results




Manual Integration Results

RT: 2.42
Area: 1241
Amount: 8.621096
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:13:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

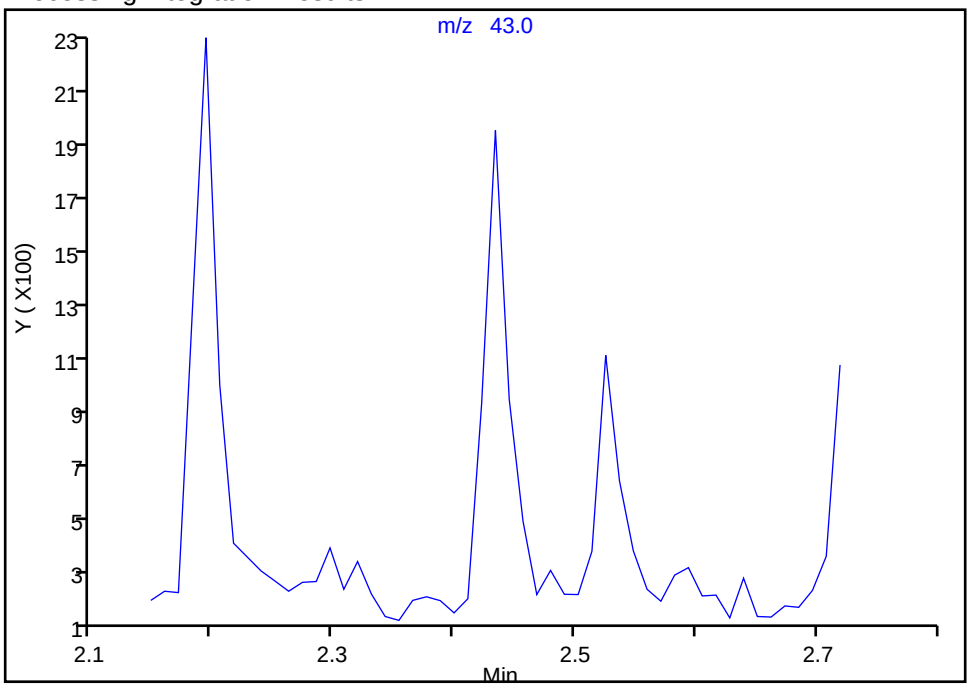
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Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 28 Methyl acetate, CAS: 79-20-9

Signal: 1

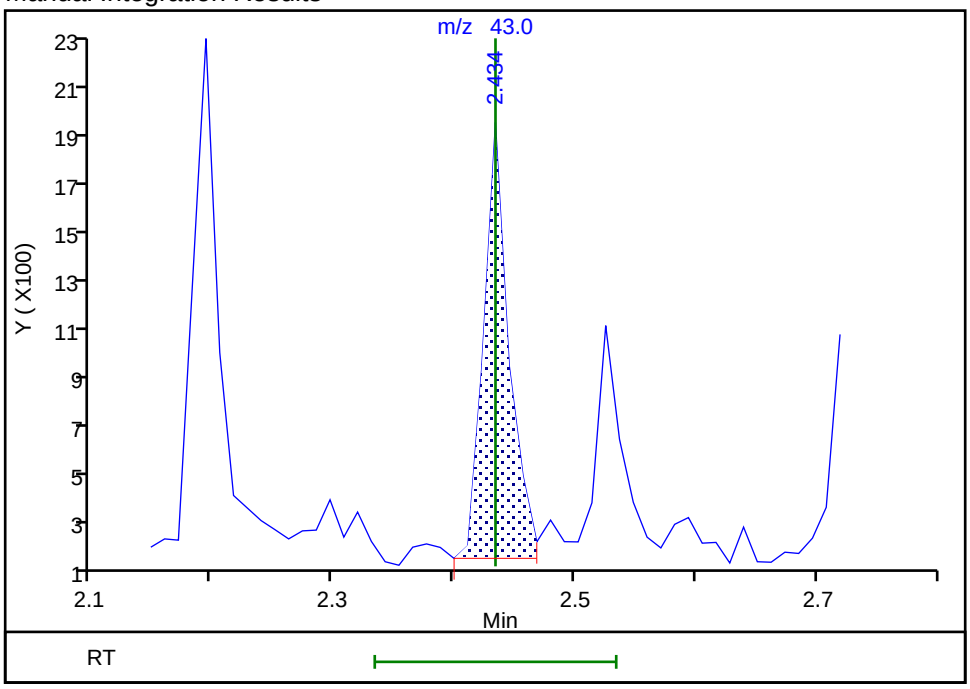
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Expected RT: 2.43

Processing Integration Results




Manual Integration Results

RT: 2.43
Area: 2556
Amount: 1.822583
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:13:59 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

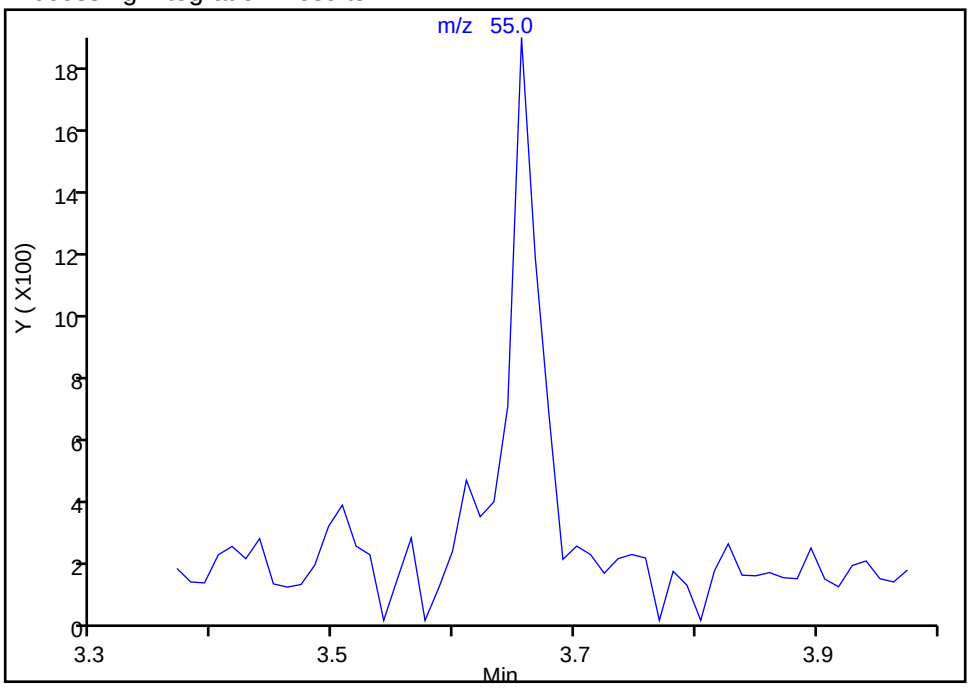
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11260.d
Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 48 Methyl acrylate, CAS: 96-33-3

Signal: 1

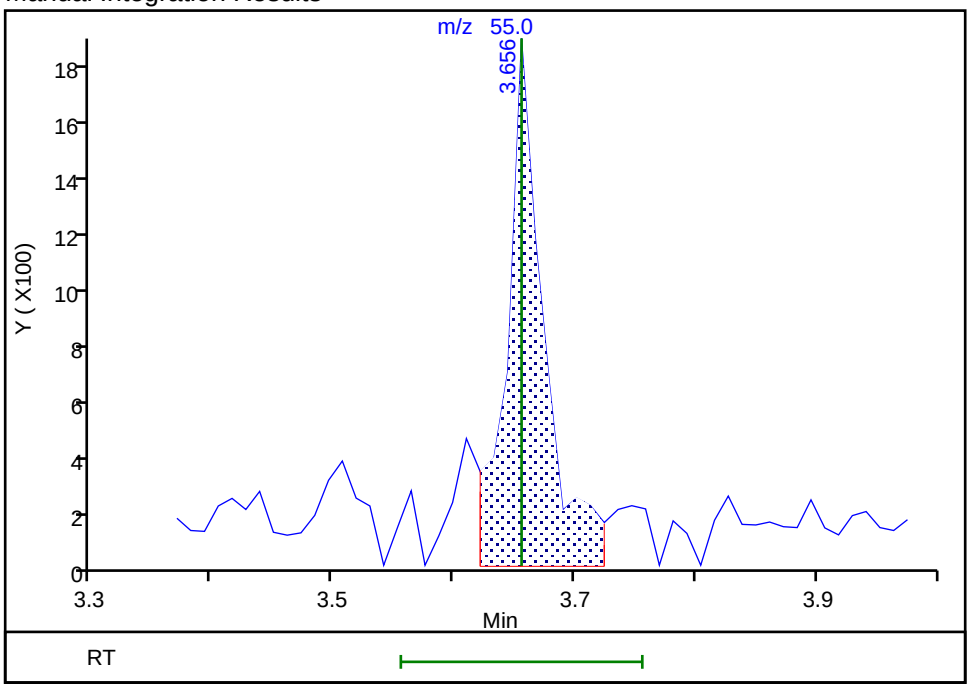
Not Detected
Expected RT: 3.66

Processing Integration Results




Manual Integration Results

RT: 3.66
Area: 3889
Amount: 1.229884
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:14:17 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

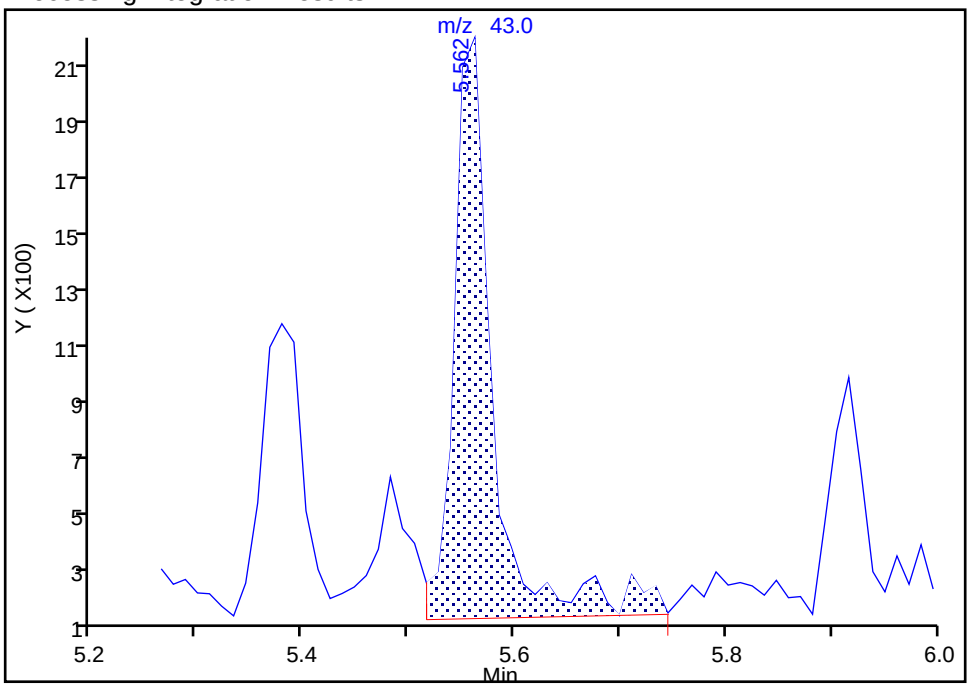
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11260.d
Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 76 n-Propyl acetate, CAS: 109-60-4

Signal: 1

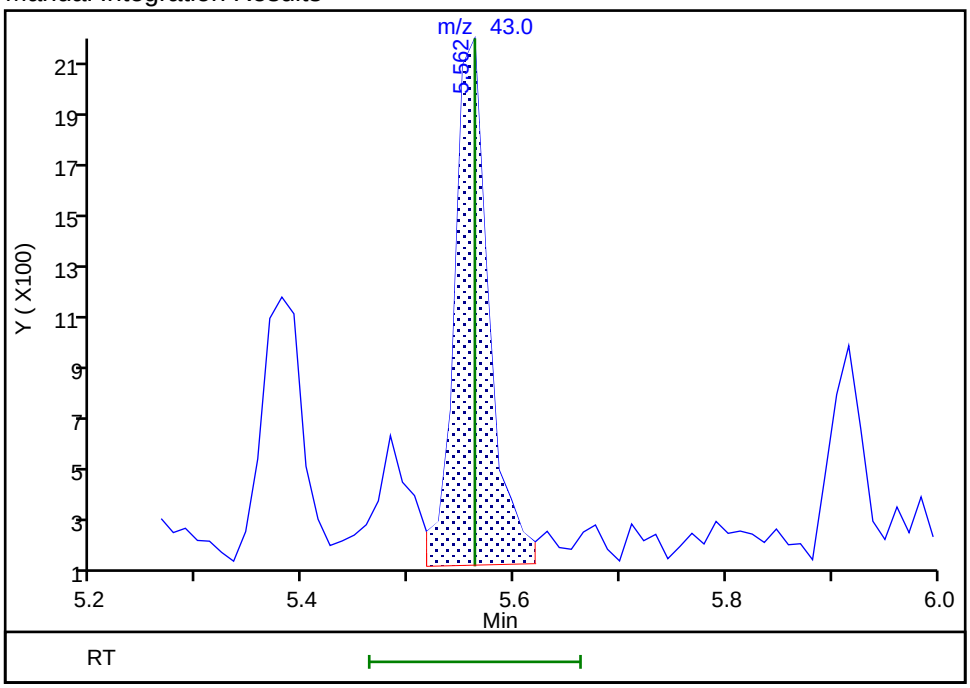
Processing Integration Results

RT: 5.56
Area: 5311
Amount: 1.114458
Amount Units: ug/l




Manual Integration Results

RT: 5.56
Area: 4744
Amount: 1.082331
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:14:38 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

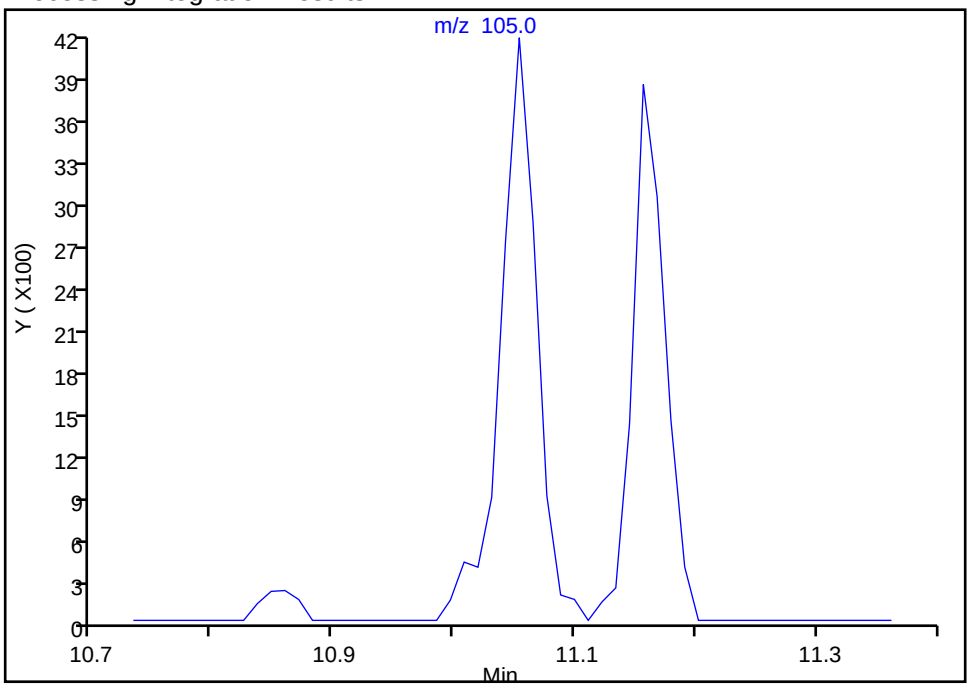
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11260.d
Injection Date: 22-Nov-2023 10:28:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 112 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

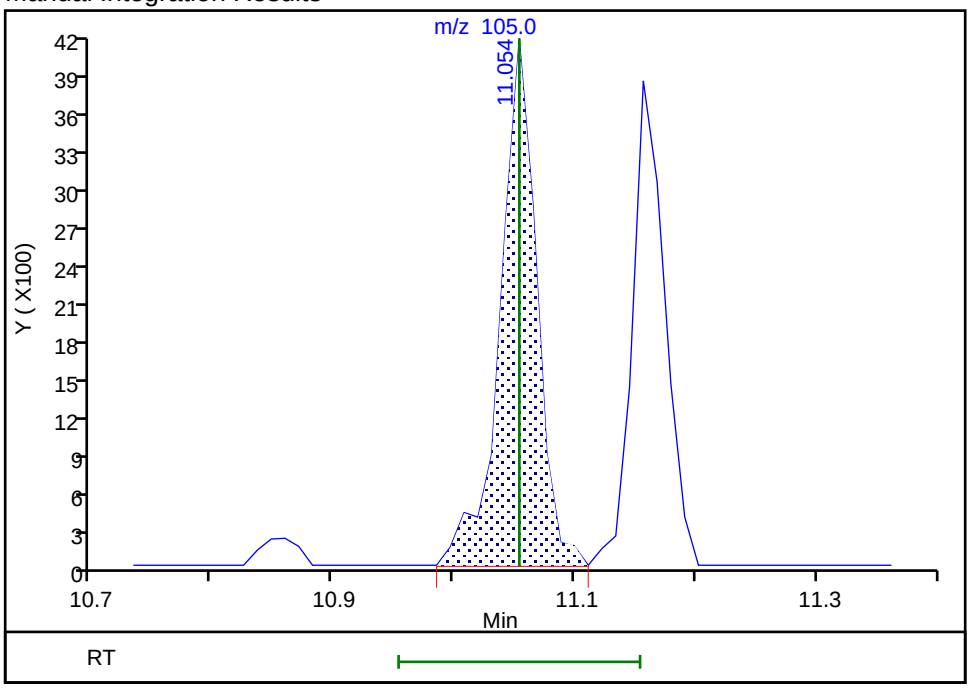
Not Detected
Expected RT: 11.05

Processing Integration Results




Manual Integration Results

RT: 11.05
Area: 8809
Amount: 1.028985
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:14:54 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11261.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 22-Nov-2023 10:53:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0169242-005
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:40:42 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: NN6A Date: 22-Nov-2023 11:16:45

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 92 | 3964 | 5.00 | 5.50 | |
| 3 Dichlorodifluoromethane | 85 | 1.133 | 1.133 | 0.000 | 99 | 18012 | 5.00 | 4.95 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 94 | 3060 | 5.00 | 5.42 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 100 | 19506 | 5.00 | 4.84 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 99 | 17079 | 5.00 | 5.04 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 99 | 15815 | 5.00 | 4.43 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 99 | 12183 | 5.00 | 4.39 | |
| 10 Chloroethane | 64 | 1.624 | 1.624 | 0.000 | 100 | 10464 | 5.00 | 4.66 | |
| 11 Dichlorofluoromethane | 67 | 1.761 | 1.761 | 0.000 | 99 | 26695 | 5.00 | 4.98 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.795 | 0.000 | 98 | 17664 | 5.00 | 4.70 | |
| 13 Pentane | 57 | 1.852 | 1.852 | 0.000 | 97 | 6520 | 10.0 | 11.7 | |
| 14 Ethanol | 46 | 1.920 | 1.920 | 0.000 | 97 | 2498 | 200.0 | 193.6 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 96 | 12520 | 5.00 | 5.14 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 96 | 9553 | 5.00 | 4.91 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.023 | 2.012 | 0.011 | 95 | 12721 | 5.00 | 4.94 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 95 | 18644 | 5.00 | 5.24 | |
| 19 Acrolein | 56 | 2.080 | 2.080 | 0.000 | 45 | 5192 | 20.0 | 17.1 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 98 | 10253 | 5.00 | 5.06 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 91 | 11206 | 5.00 | 5.21 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 87 | 4425 | 25.0 | 22.8 | |
| 23 Iodomethane | 142 | 2.263 | 2.263 | 0.000 | 100 | 13120 | 5.00 | 4.78 | |
| 24 Isopropyl alcohol | 45 | 2.286 | 2.286 | 0.000 | 98 | 6336 | 50.0 | 43.2 | |
| 25 Carbon disulfide | 76 | 2.320 | 2.320 | 0.000 | 100 | 39390 | 5.00 | 5.33 | |
| 26 Acetonitrile | 38 | 2.411 | 2.411 | 0.000 | 96 | 5920 | 50.0 | 54.8 | |
| 27 3-Chloro-1-propene | 76 | 2.423 | 2.423 | 0.000 | 90 | 7351 | 5.00 | 5.07 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 100 | 14032 | 10.0 | 10.2 | a |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 97 | 28673 | 5.00 | 5.55 | |
| 30 Methylene Chloride | 84 | 2.503 | 2.503 | 0.000 | 94 | 13987 | 5.00 | 5.15 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 216909 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 98 | 12622 | 50.0 | 50.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.685 | 2.685 | 0.000 | 93 | 39589 | 50.0 | 48.3 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.720 | 2.720 | 0.000 | 96 | 12229 | 5.00 | 4.89 | |
| 35 Methyl tert-butyl ether | 73 | 2.720 | 2.720 | 0.000 | 97 | 43196 | 5.00 | 5.29 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 91 | 13522 | 5.00 | 5.12 | |
| 37 1,1-Dichloroethane | 63 | 3.051 | 3.051 | 0.000 | 100 | 24393 | 5.00 | 5.06 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 4268 | 10.0 | 9.16 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 94 | 47633 | 5.00 | 5.06 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.131 | 3.131 | 0.000 | 93 | 12494 | 5.00 | 5.18 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 88 | 44418 | 5.00 | 5.05 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 297654 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 90 | 13558 | 5.00 | 4.93 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 80 | 5354 | 5.00 | 5.60 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 100 | 7961 | 25.0 | 24.9 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 96 | 16422 | 50.0 | 47.7 | |
| 47 Ethyl acetate | 43 | 3.622 | 3.622 | 0.000 | 100 | 28671 | 10.0 | 9.39 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 99 | 15088 | 5.00 | 4.79 | |
| 50 Methacrylonitrile | 67 | 3.759 | 3.759 | 0.001 | 92 | 59697 | 50.0 | 50.2 | |
| 49 Chlorobromomethane | 128 | 3.759 | 3.759 | 0.001 | 96 | 5590 | 5.00 | 4.51 | |
| 51 Tetrahydrofuran | 42 | 3.816 | 3.816 | 0.000 | 92 | 7458 | 10.0 | 10.6 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 98 | 23778 | 5.00 | 5.19 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 95 | 83021 | 50.0 | 48.4 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 98 | 19801 | 5.00 | 5.10 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 93 | 16859 | 5.00 | 5.44 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 92 | 18658 | 5.00 | 5.07 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 78 | 14678 | 5.00 | 5.04 | |
| 61 Isobutyl alcohol | 43 | 4.307 | 4.307 | 0.000 | 98 | 15075 | 125.0 | 114.5 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 123224 | 50.0 | 49.5 | |
| 59 Benzene | 78 | 4.386 | 4.375 | 0.011 | 97 | 56543 | 5.00 | 5.15 | |
| 60 1,2-Dichloroethane | 62 | 4.398 | 4.398 | 0.000 | 97 | 19036 | 5.00 | 4.96 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 94 | 27060 | 5.00 | 5.18 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 97 | 5292 | 5.00 | 5.11 | |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 97 | 39214 | 5.00 | 4.87 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 98 | 508039 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 95 | 10909 | 5.00 | 5.05 | |
| 68 n-Butanol | 56 | 5.014 | 5.014 | 0.000 | 92 | 11412 | 125.0 | 119.1 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 96 | 14473 | 5.00 | 5.01 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 98 | 17196 | 5.00 | 4.66 | |
| 70 Methylcyclohexane | 83 | 5.288 | 5.277 | 0.011 | 97 | 15077 | 5.00 | 5.18 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 92 | 14852 | 5.00 | 4.93 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 33676 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 91 | 8448 | 5.00 | 5.21 | |
| 75 Methyl methacrylate | 100 | 5.471 | 5.471 | 0.000 | 91 | 8020 | 10.0 | 9.93 | |
| 74 1,4-Dioxane | 88 | 5.482 | 5.482 | 0.000 | 32 | 3974 | 100.0 | 105.1 | |
| 76 n-Propyl acetate | 43 | 5.562 | 5.562 | 0.000 | 98 | 20288 | 5.00 | 4.65 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 98 | 16833 | 5.00 | 4.74 | |
| 78 2-Nitropropane | 41 | 5.916 | 5.916 | 0.000 | 93 | 7395 | 10.0 | 10.2 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.030 | 6.030 | 0.000 | 93 | 8233 | 5.01 | 4.59 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 99 | 32029 | 100.0 | 93.7 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.190 | 6.190 | 0.000 | 96 | 24568 | 5.00 | 5.33 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 97 | 69321 | 25.0 | 24.2 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 99 | 387350 | 50.0 | 49.0 | |
| 84 Toluene | 91 | 6.613 | 6.613 | 0.000 | 92 | 60981 | 5.00 | 4.90 | |

| 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 | 6.921 | 6.921 | 0.000 | 98 | 22107 | 5.00 | 4.87 | |
| 86 Ethyl methacrylate | 69 | 7.092 | 7.092 | 0.000 | 89 | 18467 | 5.00 | 4.91 | |
| 87 1,1,2-Trichloroethane | 83 | 7.161 | 7.161 | 0.000 | 95 | 10646 | 5.00 | 4.85 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 94 | 11748 | 5.00 | 5.12 | |
| 89 1,3-Dichloropropane | 76 | 7.389 | 7.389 | 0.000 | 95 | 23984 | 5.00 | 5.25 | |
| 90 2-Hexanone | 43 | 7.549 | 7.549 | 0.000 | 98 | 49480 | 25.0 | 25.1 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 96 | 11121 | 5.00 | 4.87 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 98 | 19411 | 5.00 | 4.44 | |
| 93 Ethylene Dibromide | 107 | 7.834 | 7.834 | 0.000 | 98 | 12509 | 5.00 | 5.23 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 88 | 388485 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.576 | 8.576 | 0.000 | 93 | 35797 | 5.00 | 4.98 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.713 | 8.713 | 0.000 | 93 | 10653 | 5.00 | 4.86 | |
| 97 Ethylbenzene | 106 | 8.771 | 8.771 | 0.000 | 99 | 19095 | 5.00 | 4.99 | |
| 98 m-Xylene & p-Xylene | 106 | 8.965 | 8.965 | 0.000 | 0 | 22097 | 5.00 | 5.04 | |
| 99 o-Xylene | 106 | 9.570 | 9.570 | 0.000 | 93 | 21959 | 5.00 | 4.98 | |
| 100 Styrene | 104 | 9.593 | 9.593 | 0.000 | 94 | 37950 | 5.00 | 4.84 | |
| 101 n-Butyl acrylate | 73 | 9.615 | 9.615 | 0.000 | 98 | 7666 | 5.00 | 4.22 | |
| 102 Bromoform | 173 | 9.832 | 9.832 | 0.000 | 94 | 6600 | 5.00 | 4.33 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.004 | 10.004 | 0.000 | 89 | 18596 | 5.00 | 4.49 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 97 | 50343 | 5.00 | 4.89 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 84 | 103972 | 50.0 | 48.8 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 94 | 14565 | 5.00 | 5.22 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 97 | 16732 | 5.00 | 5.04 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 96 | 14519 | 5.00 | 4.97 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 88 | 7306 | 5.00 | 4.91 | |
| 110 N-Propylbenzene | 91 | 10.860 | 10.860 | 0.000 | 98 | 53518 | 5.00 | 4.88 | |
| 111 2-Chlorotoluene | 91 | 10.940 | 10.940 | 0.000 | 98 | 39039 | 5.00 | 5.05 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 99 | 41938 | 5.00 | 4.89 | |
| 113 4-Chlorotoluene | 91 | 11.134 | 11.134 | 0.000 | 98 | 43128 | 5.00 | 4.99 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.157 | 11.168 | -0.011 | 92 | 33741 | 5.00 | 4.99 | |
| 115 Butyl Methacrylate | 87 | 11.374 | 11.374 | 0.000 | 93 | 10065 | 5.00 | 4.64 | |
| 116 tert-Butylbenzene | 119 | 11.579 | 11.579 | 0.000 | 92 | 27726 | 5.00 | 4.96 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.636 | 11.636 | 0.000 | 97 | 36791 | 5.00 | 5.16 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 98 | 37567 | 5.00 | 4.83 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 95 | 23780 | 5.00 | 5.17 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 98 | 184497 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.979 | 0.000 | 98 | 28917 | 5.00 | 4.69 | |
| 121 1,4-Dichlorobenzene | 146 | 11.979 | 11.979 | 0.000 | 96 | 23369 | 5.00 | 5.02 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 99 | 39303 | 5.00 | 5.20 | |
| 124 Benzyl chloride | 126 | 12.116 | 12.116 | 0.000 | 98 | 5679 | 5.00 | 4.78 | |
| 125 2,3-Dihydroindene | 117 | 12.218 | 12.218 | 0.000 | 94 | 42786 | 5.00 | 5.06 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 94 | 22644 | 5.00 | 4.99 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 92 | 17054 | 5.00 | 4.82 | |
| 128 n-Butylbenzene | 92 | 12.333 | 12.333 | 0.000 | 97 | 14327 | 5.00 | 5.00 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 96 | 37920 | 5.00 | 5.42 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.903 | 12.903 | 0.000 | 92 | 3119 | 5.00 | 5.01 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 94 | 12040 | 5.00 | 5.21 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 92 | 12216 | 5.00 | 5.43 | |
| 133 Hexachlorobutadiene | 225 | 13.543 | 13.543 | 0.000 | 90 | 3778 | 5.00 | 4.92 | |
| 134 Naphthalene | 128 | 13.577 | 13.577 | 0.000 | 99 | 44115 | 5.00 | 5.48 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 94 | 11052 | 5.00 | 5.17 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 9.82 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 10.0 | 10.0 | |
| S 139 Total BTEX | 1 | | | | 0 | | 25.0 | 25.1 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00558 | Amount Added: | 10.00 | Units: uL | |
| 8260MIX1COMB_00179 | Amount Added: | 10.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 10.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

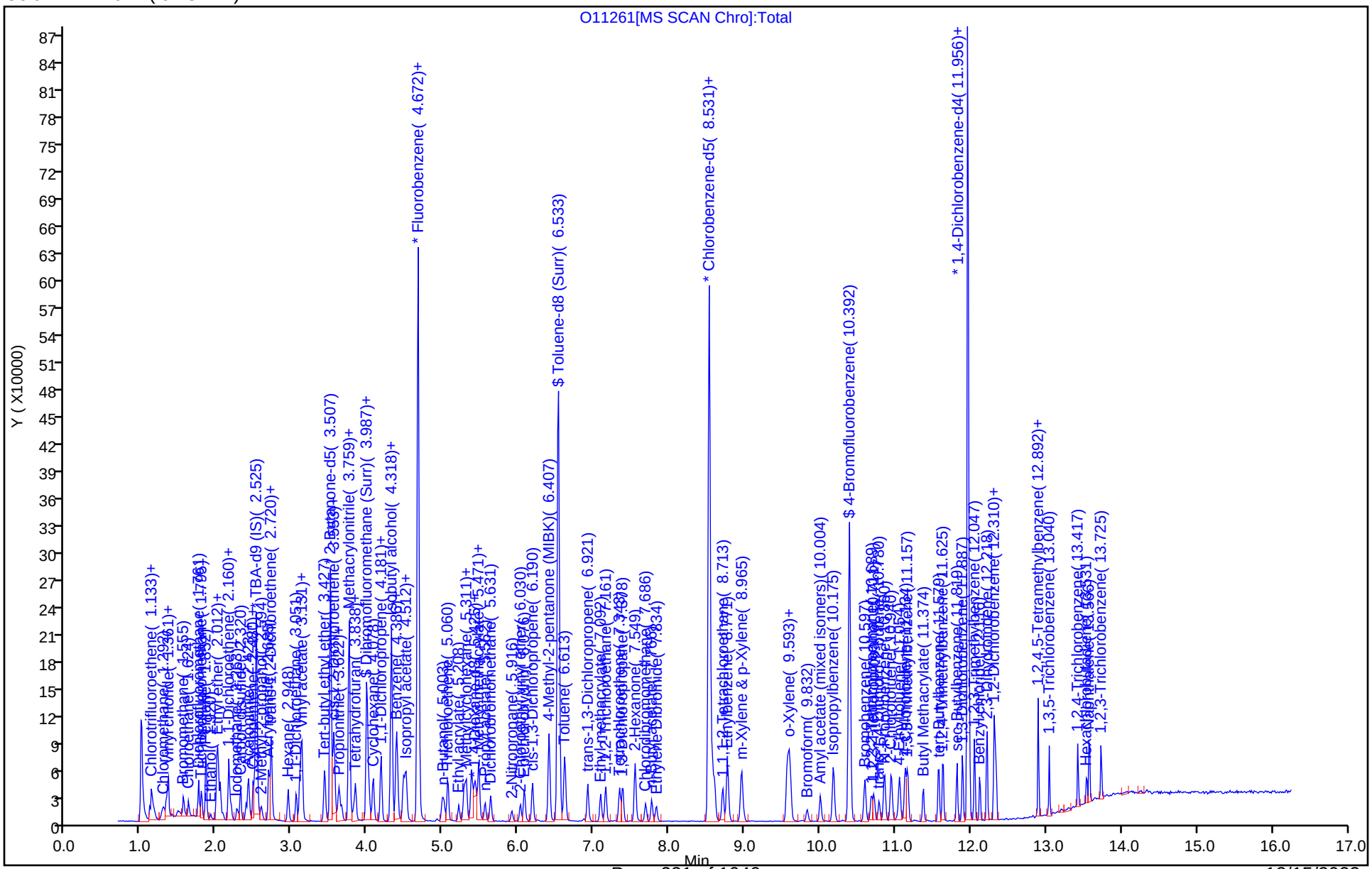
Report Date: 22-Nov-2023 14:40:43 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11261.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Nov-2023 10:53:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | STD5 | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

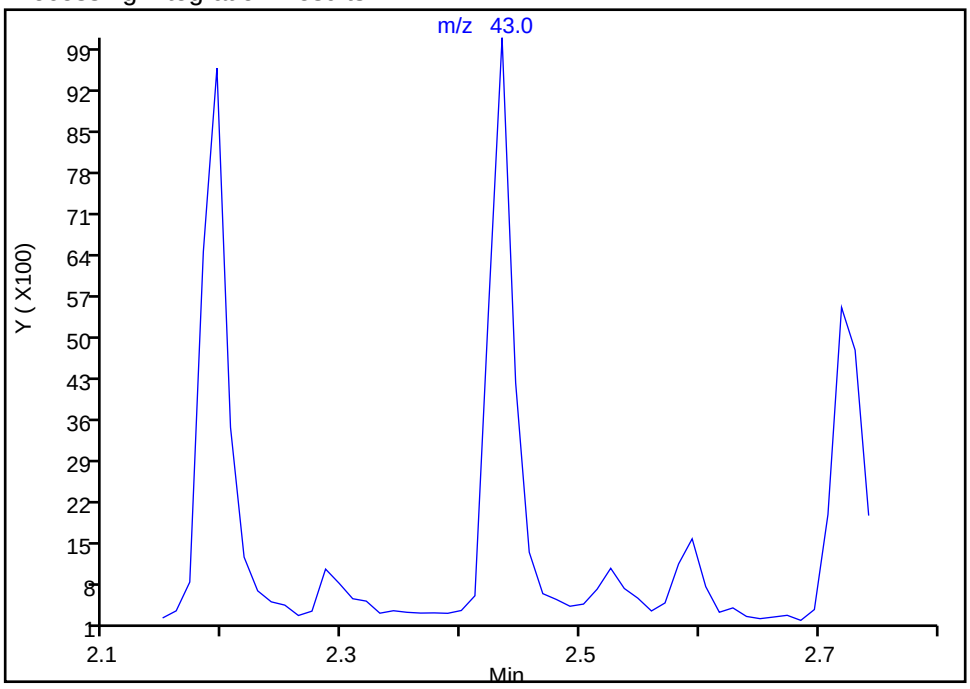
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11261.d
Injection Date: 22-Nov-2023 10:53:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 28 Methyl acetate, CAS: 79-20-9

Signal: 1

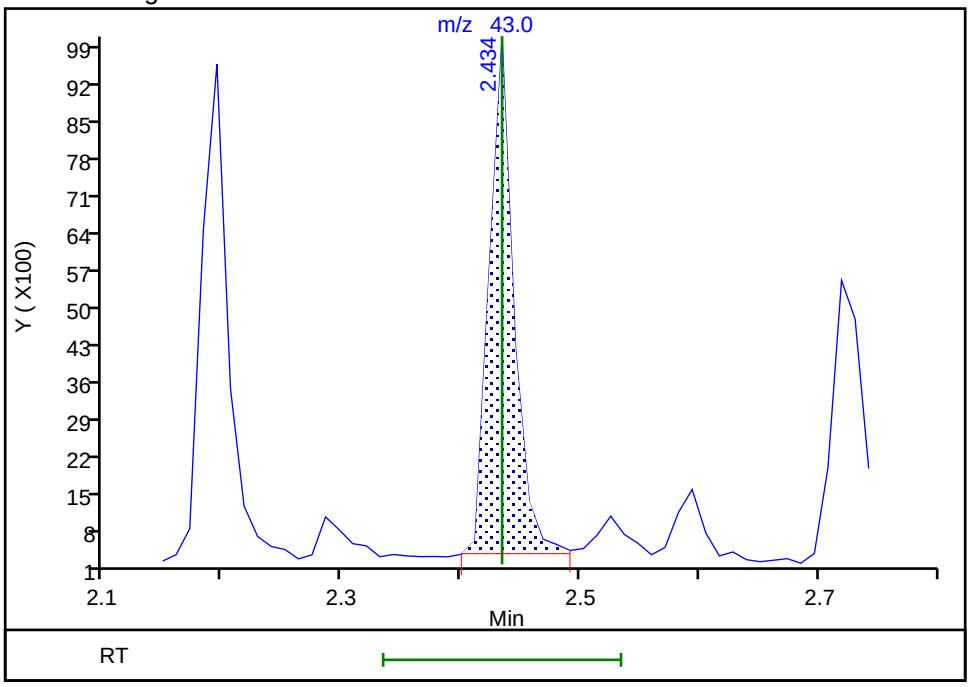
Not Detected
Expected RT: 2.43

Processing Integration Results




Manual Integration Results

RT: 2.43
Area: 14032
Amount: 10.176344
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:16:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11262.d
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 22-Nov-2023 11:18:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0169242-006
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:40:50 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: NN6A Date: 22-Nov-2023 14:39:37

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 97 | 14185 | 20.0 | 20.4 | |
| 3 Dichlorodifluoromethane | 85 | 1.133 | 1.133 | 0.000 | 100 | 76376 | 20.0 | 21.0 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 98 | 10539 | 20.0 | 19.6 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 100 | 76807 | 20.0 | 19.1 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 99 | 68691 | 20.0 | 20.3 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 97 | 65054 | 20.0 | 18.2 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 99 | 42039 | 20.0 | 15.3 | |
| 10 Chloroethane | 64 | 1.624 | 1.624 | 0.000 | 100 | 42157 | 20.0 | 18.8 | |
| 11 Dichlorofluoromethane | 67 | 1.761 | 1.761 | 0.000 | 99 | 103355 | 20.0 | 19.3 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.795 | 0.000 | 99 | 72841 | 20.0 | 19.4 | |
| 13 Pentane | 57 | 1.852 | 1.852 | 0.000 | 96 | 21339 | 40.0 | 38.5 | |
| 14 Ethanol | 46 | 1.920 | 1.920 | 0.000 | 98 | 9410 | 800.0 | 816.9 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 96 | 42773 | 20.0 | 18.9 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 97 | 36402 | 20.0 | 18.7 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.012 | 2.012 | 0.000 | 99 | 44736 | 20.0 | 17.4 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 97 | 63504 | 20.0 | 17.9 | |
| 19 Acrolein | 56 | 2.080 | 2.080 | 0.000 | 93 | 10006 | 40.0 | 34.6 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 97 | 35364 | 20.0 | 17.5 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 93 | 38897 | 20.0 | 18.1 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 86 | 16019 | 100.0 | 85.7 | |
| 23 Iodomethane | 142 | 2.263 | 2.263 | 0.000 | 98 | 58379 | 20.0 | 21.3 | |
| 24 Isopropyl alcohol | 45 | 2.286 | 2.286 | 0.000 | 98 | 22716 | 200.0 | 162.6 | |
| 25 Carbon disulfide | 76 | 2.320 | 2.320 | 0.000 | 99 | 139833 | 20.0 | 18.9 | |
| 26 Acetonitrile | 38 | 2.411 | 2.411 | 0.000 | 97 | 19150 | 200.0 | 194.2 | |
| 27 3-Chloro-1-propene | 76 | 2.423 | 2.423 | 0.000 | 90 | 27130 | 20.0 | 18.7 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 100 | 45905 | 40.0 | 34.9 | |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 96 | 91936 | 20.0 | 17.8 | |
| 30 Methylene Chloride | 84 | 2.503 | 2.503 | 0.000 | 96 | 49691 | 20.0 | 18.3 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 206673 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 99 | 42530 | 200.0 | 178.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.685 | 2.685 | 0.000 | 94 | 148130 | 200.0 | 181.0 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.720 | 2.720 | 0.000 | 97 | 43639 | 20.0 | 17.4 | |
| 35 Methyl tert-butyl ether | 73 | 2.720 | 2.720 | 0.000 | 97 | 150901 | 20.0 | 18.5 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 92 | 46886 | 20.0 | 17.8 | |
| 37 1,1-Dichloroethane | 63 | 3.051 | 3.051 | 0.000 | 100 | 85081 | 20.0 | 17.7 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 18679 | 40.0 | 41.5 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 96 | 172535 | 20.0 | 18.3 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.131 | 3.131 | 0.000 | 93 | 43875 | 20.0 | 18.2 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 89 | 166007 | 20.0 | 18.9 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 287175 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 92 | 48970 | 20.0 | 17.8 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 94 | 16519 | 20.0 | 17.3 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 99 | 28695 | 100.0 | 93.0 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 95 | 60957 | 200.0 | 185.9 | |
| 47 Ethyl acetate | 43 | 3.622 | 3.622 | 0.000 | 100 | 103640 | 40.0 | 35.2 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 99 | 54494 | 20.0 | 17.3 | |
| 50 Methacrylonitrile | 67 | 3.759 | 3.759 | 0.000 | 93 | 215717 | 200.0 | 181.5 | |
| 49 Chlorobromomethane | 128 | 3.759 | 3.759 | 0.000 | 96 | 22214 | 20.0 | 17.9 | |
| 51 Tetrahydrofuran | 42 | 3.816 | 3.816 | 0.000 | 94 | 24865 | 40.0 | 36.5 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 98 | 83204 | 20.0 | 18.2 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 95 | 82841 | 50.0 | 48.3 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 98 | 69032 | 20.0 | 17.8 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 93 | 57877 | 20.0 | 18.7 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 92 | 65859 | 20.0 | 17.9 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 80 | 52156 | 20.0 | 17.9 | |
| 61 Isobutyl alcohol | 43 | 4.307 | 4.307 | 0.000 | 97 | 58657 | 500.0 | 467.6 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 117596 | 50.0 | 47.2 | |
| 59 Benzene | 78 | 4.375 | 4.375 | 0.000 | 97 | 204475 | 20.0 | 18.9 | |
| 60 1,2-Dichloroethane | 62 | 4.398 | 4.398 | 0.000 | 95 | 71477 | 20.0 | 18.6 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 95 | 90568 | 20.0 | 17.9 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 98 | 20266 | 20.0 | 19.6 | |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 96 | 149277 | 20.0 | 18.6 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 98 | 507682 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 95 | 37643 | 20.0 | 17.5 | |
| 68 n-Butanol | 56 | 5.014 | 5.014 | 0.000 | 89 | 41169 | 500.0 | 451.0 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 96 | 51686 | 20.0 | 17.9 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 98 | 68109 | 20.0 | 18.5 | |
| 70 Methylcyclohexane | 83 | 5.277 | 5.277 | 0.000 | 96 | 52574 | 20.0 | 18.1 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 91 | 54606 | 20.0 | 18.1 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 32592 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 95 | 28990 | 20.0 | 17.9 | |
| 75 Methyl methacrylate | 100 | 5.471 | 5.471 | 0.000 | 91 | 29917 | 40.0 | 37.1 | |
| 74 1,4-Dioxane | 88 | 5.482 | 5.482 | 0.000 | 88 | 15239 | 400.0 | 416.4 | |
| 76 n-Propyl acetate | 43 | 5.562 | 5.562 | 0.000 | 98 | 75419 | 20.0 | 17.3 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 99 | 65329 | 20.0 | 18.4 | |
| 78 2-Nitropropane | 41 | 5.916 | 5.916 | 0.000 | 98 | 26163 | 40.0 | 38.4 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.030 | 6.030 | 0.000 | 94 | 34595 | 20.0 | 19.3 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 99 | 119350 | 400.0 | 362.0 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.190 | 6.190 | 0.000 | 96 | 89266 | 20.0 | 19.6 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 98 | 261922 | 100.0 | 94.6 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 98 | 385739 | 50.0 | 49.4 | |
| 84 Toluene | 91 | 6.613 | 6.613 | 0.000 | 93 | 218144 | 20.0 | 17.7 | |

| 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 | 6.921 | 6.921 | 0.000 | 98 | 82273 | 20.0 | 18.4 | |
| 86 Ethyl methacrylate | 69 | 7.092 | 7.092 | 0.000 | 90 | 65494 | 20.0 | 17.6 | |
| 87 1,1,2-Trichloroethane | 83 | 7.161 | 7.161 | 0.000 | 94 | 40236 | 20.0 | 18.5 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 94 | 41812 | 20.0 | 18.4 | |
| 89 1,3-Dichloropropane | 76 | 7.389 | 7.389 | 0.000 | 95 | 85337 | 20.0 | 18.9 | |
| 90 2-Hexanone | 43 | 7.549 | 7.549 | 0.000 | 96 | 175829 | 100.0 | 92.5 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 96 | 42412 | 20.0 | 18.8 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 98 | 75641 | 20.0 | 17.5 | |
| 93 Ethylene Dibromide | 107 | 7.834 | 7.834 | 0.000 | 97 | 47808 | 20.0 | 20.2 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 88 | 384021 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.576 | 8.576 | 0.000 | 92 | 132658 | 20.0 | 18.7 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.713 | 8.713 | 0.000 | 93 | 41445 | 20.0 | 19.1 | |
| 97 Ethylbenzene | 106 | 8.771 | 8.771 | 0.000 | 99 | 68969 | 20.0 | 18.2 | |
| 98 m-Xylene & p-Xylene | 106 | 8.965 | 8.965 | 0.000 | 0 | 81144 | 20.0 | 18.7 | |
| 99 o-Xylene | 106 | 9.570 | 9.570 | 0.000 | 93 | 82538 | 20.0 | 18.9 | |
| 100 Styrene | 104 | 9.593 | 9.593 | 0.000 | 94 | 142955 | 20.0 | 18.5 | |
| 101 n-Butyl acrylate | 73 | 9.615 | 9.615 | 0.000 | 96 | 29714 | 20.0 | 16.5 | |
| 102 Bromoform | 173 | 9.832 | 9.832 | 0.000 | 93 | 26128 | 20.0 | 17.3 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.004 | 10.004 | 0.000 | 90 | 70630 | 20.0 | 16.9 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 97 | 183002 | 20.0 | 18.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 84 | 104873 | 50.0 | 49.8 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 94 | 53928 | 20.0 | 19.2 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 99 | 63130 | 20.0 | 18.9 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 96 | 54348 | 20.0 | 18.5 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 90 | 26740 | 20.0 | 17.8 | |
| 110 N-Propylbenzene | 91 | 10.860 | 10.860 | 0.000 | 98 | 204427 | 20.0 | 18.5 | |
| 111 2-Chlorotoluene | 91 | 10.940 | 10.940 | 0.000 | 97 | 145617 | 20.0 | 18.7 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 99 | 161340 | 20.0 | 18.7 | |
| 113 4-Chlorotoluene | 91 | 11.134 | 11.134 | 0.000 | 98 | 161985 | 20.0 | 18.6 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.168 | 11.168 | 0.000 | 93 | 129483 | 20.0 | 19.0 | |
| 115 Butyl Methacrylate | 87 | 11.374 | 11.374 | 0.000 | 94 | 40993 | 20.0 | 18.7 | |
| 116 tert-Butylbenzene | 119 | 11.579 | 11.579 | 0.000 | 92 | 104087 | 20.0 | 18.5 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.636 | 11.636 | 0.000 | 98 | 131691 | 20.0 | 18.3 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 98 | 141211 | 20.0 | 18.0 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 94 | 87636 | 20.0 | 18.9 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 99 | 186050 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.979 | 0.000 | 98 | 111828 | 20.0 | 18.0 | |
| 121 1,4-Dichlorobenzene | 146 | 11.979 | 11.979 | 0.000 | 96 | 89841 | 20.0 | 19.2 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 100 | 147839 | 20.0 | 19.4 | |
| 124 Benzyl chloride | 126 | 12.116 | 12.116 | 0.000 | 98 | 21773 | 20.0 | 18.2 | |
| 125 2,3-Dihydroindene | 117 | 12.218 | 12.218 | 0.000 | 94 | 164149 | 20.0 | 19.3 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 95 | 88200 | 20.0 | 19.3 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 91 | 64996 | 20.0 | 18.2 | |
| 128 n-Butylbenzene | 92 | 12.333 | 12.333 | 0.000 | 96 | 52071 | 20.0 | 18.0 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 96 | 139778 | 20.0 | 19.8 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.903 | 12.903 | 0.000 | 94 | 11879 | 20.0 | 18.9 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 96 | 45424 | 20.0 | 19.5 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 94 | 45085 | 20.0 | 19.9 | |
| 133 Hexachlorobutadiene | 225 | 13.543 | 13.543 | 0.000 | 93 | 13762 | 20.0 | 17.8 | |
| 134 Naphthalene | 128 | 13.577 | 13.577 | 0.000 | 99 | 164399 | 20.0 | 20.2 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 94 | 41929 | 20.0 | 19.5 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 35.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 40.0 | 37.6 | |
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 92.5 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00558 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00179 | Amount Added: | 20.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 22-Nov-2023 14:40:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11262.d

Injection Date: 22-Nov-2023 11:18:30 Instrument ID: CVOAMS12 Operator ID:

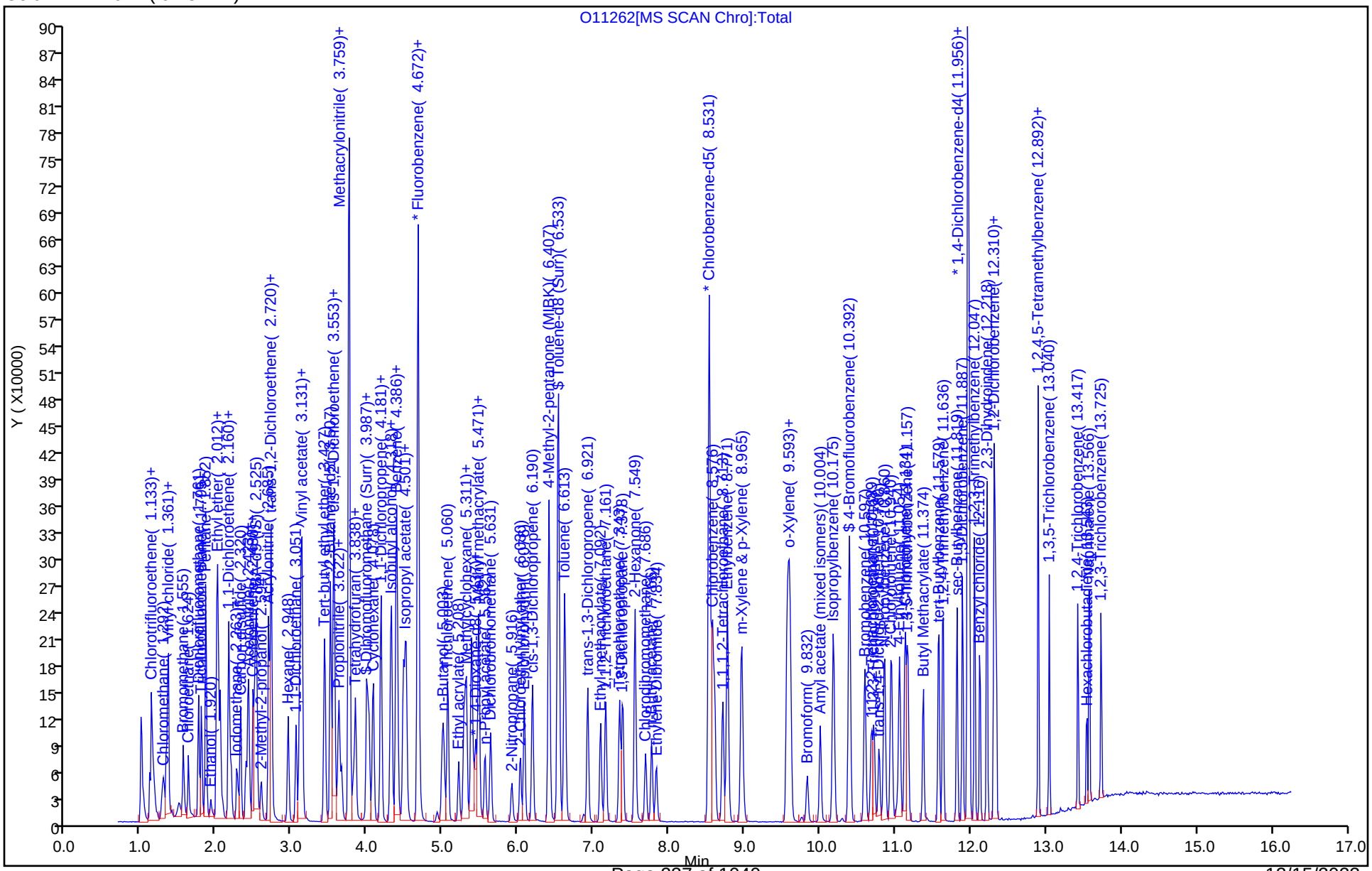
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11263.d
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Nov-2023 11:43:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0169242-007
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:41:00 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: NN6A Date: 22-Nov-2023 12:04:53

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 98 | 38485 | 50.0 | 54.4 | |
| 3 Dichlorodifluoromethane | 85 | 1.133 | 1.133 | 0.000 | 100 | 201481 | 50.0 | 56.5 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 96 | 28313 | 50.0 | 54.2 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 100 | 201736 | 50.0 | 51.1 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 99 | 183379 | 50.0 | 55.2 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 97 | 181690 | 50.0 | 51.9 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 99 | 117916 | 50.0 | 45.3 | |
| 10 Chloroethane | 64 | 1.623 | 1.624 | -0.001 | 100 | 111798 | 50.0 | 50.8 | |
| 11 Dichlorofluoromethane | 67 | 1.760 | 1.761 | -0.001 | 99 | 268008 | 50.0 | 51.0 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.795 | 0.000 | 100 | 203390 | 50.0 | 55.2 | |
| 13 Pentane | 57 | 1.852 | 1.852 | 0.000 | 96 | 60665 | 100.0 | 111.4 | |
| 14 Ethanol | 46 | 1.932 | 1.920 | 0.012 | 96 | 24998 | 2000.0 | 2113.5 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 96 | 110176 | 50.0 | 50.3 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 94 | 100706 | 50.0 | 52.8 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.012 | 2.012 | 0.000 | 97 | 126579 | 50.0 | 50.1 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 96 | 168158 | 50.0 | 48.3 | |
| 19 Acrolein | 56 | 2.080 | 2.080 | 0.000 | 94 | 27897 | 100.0 | 92.7 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 97 | 101579 | 50.0 | 51.2 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 93 | 113746 | 50.0 | 54.0 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 86 | 47086 | 250.0 | 247.6 | |
| 23 Iodomethane | 142 | 2.263 | 2.263 | 0.000 | 98 | 160788 | 50.0 | 59.8 | |
| 24 Isopropyl alcohol | 45 | 2.297 | 2.286 | 0.011 | 98 | 64691 | 500.0 | 445.2 | |
| 25 Carbon disulfide | 76 | 2.320 | 2.320 | 0.000 | 99 | 390064 | 50.0 | 53.8 | |
| 26 Acetonitrile | 38 | 2.411 | 2.411 | 0.000 | 92 | 51817 | 500.0 | 510.5 | |
| 27 3-Chloro-1-propene | 76 | 2.423 | 2.423 | 0.000 | 90 | 75127 | 50.0 | 52.8 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 100 | 124791 | 100.0 | 91.3 | |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 96 | 245506 | 50.0 | 48.4 | |
| 30 Methylene Chloride | 84 | 2.503 | 2.503 | 0.000 | 96 | 131500 | 50.0 | 49.4 | |
| * 31 TBA-d9 (IS) | 65 | 2.537 | 2.525 | 0.012 | 0 | 214972 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 99 | 118148 | 500.0 | 477.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.685 | 2.685 | 0.000 | 94 | 416694 | 500.0 | 518.9 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.719 | 2.720 | -0.001 | 97 | 114238 | 50.0 | 46.6 | |
| 35 Methyl tert-butyl ether | 73 | 2.719 | 2.720 | -0.001 | 97 | 406087 | 50.0 | 50.7 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 93 | 133924 | 50.0 | 51.7 | |
| 37 1,1-Dichloroethane | 63 | 3.051 | 3.051 | 0.000 | 100 | 230539 | 50.0 | 48.8 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 47092 | 100.0 | 102.9 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 91 | 467391 | 50.0 | 50.6 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.130 | 3.131 | -0.001 | 92 | 119926 | 50.0 | 50.7 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 89 | 444820 | 50.0 | 51.5 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 292263 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 92 | 130910 | 50.0 | 48.6 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 83 | 45220 | 50.0 | 48.2 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 100 | 80297 | 250.0 | 255.7 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 94 | 174267 | 500.0 | 510.8 | |
| 47 Ethyl acetate | 43 | 3.621 | 3.622 | -0.001 | 100 | 282830 | 100.0 | 94.3 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 99 | 140081 | 50.0 | 45.4 | |
| 50 Methacrylonitrile | 67 | 3.758 | 3.759 | 0.000 | 92 | 576934 | 500.0 | 494.9 | |
| 49 Chlorobromomethane | 128 | 3.770 | 3.759 | 0.012 | 97 | 59977 | 50.0 | 49.3 | |
| 51 Tetrahydrofuran | 42 | 3.816 | 3.816 | 0.000 | 97 | 68742 | 100.0 | 98.6 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 98 | 215250 | 50.0 | 47.9 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 96 | 87966 | 50.0 | 52.3 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 99 | 192249 | 50.0 | 50.5 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 93 | 167944 | 50.0 | 55.3 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 92 | 183812 | 50.0 | 50.9 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 79 | 149122 | 50.0 | 52.2 | |
| 61 Isobutyl alcohol | 43 | 4.306 | 4.307 | -0.001 | 98 | 167343 | 1250.0 | 1282.5 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 124298 | 50.0 | 50.9 | |
| 59 Benzene | 78 | 4.375 | 4.375 | 0.000 | 97 | 545048 | 50.0 | 49.2 | |
| 60 1,2-Dichloroethane | 62 | 4.398 | 4.398 | 0.000 | 97 | 184085 | 50.0 | 48.9 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 96 | 261721 | 50.0 | 53.2 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 98 | 53916 | 50.0 | 53.1 | |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 96 | 406911 | 50.0 | 51.5 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 97 | 498070 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 93 | 107604 | 50.0 | 50.9 | |
| 68 n-Butanol | 56 | 5.014 | 5.014 | 0.000 | 90 | 113374 | 1250.0 | 1194.0 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 96 | 141192 | 50.0 | 49.8 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 98 | 191373 | 50.0 | 52.9 | |
| 70 Methylcyclohexane | 83 | 5.288 | 5.277 | 0.011 | 96 | 157377 | 50.0 | 55.1 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 92 | 145217 | 50.0 | 49.2 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 33358 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 94 | 77291 | 50.0 | 48.6 | |
| 75 Methyl methacrylate | 100 | 5.471 | 5.471 | 0.000 | 90 | 80674 | 100.0 | 101.9 | |
| 74 1,4-Dioxane | 88 | 5.482 | 5.482 | 0.000 | 32 | 39657 | 1000.0 | 1058.8 | |
| 76 n-Propyl acetate | 43 | 5.562 | 5.562 | 0.000 | 99 | 211568 | 50.0 | 49.4 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 99 | 175093 | 50.0 | 50.3 | |
| 78 2-Nitropropane | 41 | 5.916 | 5.916 | 0.000 | 98 | 72136 | 100.0 | 106.9 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.030 | 6.030 | 0.000 | 96 | 100235 | 50.1 | 57.1 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 99 | 323190 | 1000.0 | 963.1 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.190 | 6.190 | 0.000 | 96 | 240783 | 50.0 | 51.7 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 98 | 723648 | 250.0 | 256.9 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 98 | 412303 | 50.0 | 51.6 | |
| 84 Toluene | 91 | 6.613 | 6.613 | 0.000 | 93 | 587672 | 50.0 | 46.8 | |

| 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 | 6.921 | 6.921 | 0.000 | 98 | 226651 | 50.0 | 49.5 | |
| 86 Ethyl methacrylate | 69 | 7.092 | 7.092 | 0.000 | 90 | 188462 | 50.0 | 49.6 | |
| 87 1,1,2-Trichloroethane | 83 | 7.161 | 7.161 | 0.000 | 95 | 108806 | 50.0 | 49.0 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 95 | 114978 | 50.0 | 49.6 | |
| 89 1,3-Dichloropropane | 76 | 7.389 | 7.389 | 0.000 | 95 | 226559 | 50.0 | 49.1 | |
| 90 2-Hexanone | 43 | 7.549 | 7.549 | 0.000 | 97 | 500927 | 250.0 | 259.0 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 98 | 116064 | 50.0 | 50.3 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 98 | 217159 | 50.0 | 49.1 | |
| 93 Ethylene Dibromide | 107 | 7.834 | 7.834 | 0.000 | 97 | 128857 | 50.0 | 53.3 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 87 | 392543 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.576 | 8.576 | 0.000 | 92 | 350736 | 50.0 | 48.3 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.713 | 8.713 | 0.000 | 93 | 113421 | 50.0 | 51.2 | |
| 97 Ethylbenzene | 106 | 8.770 | 8.771 | -0.001 | 99 | 188905 | 50.0 | 48.8 | |
| 98 m-Xylene & p-Xylene | 106 | 8.965 | 8.965 | 0.000 | 0 | 221723 | 50.0 | 50.0 | |
| 99 o-Xylene | 106 | 9.570 | 9.570 | 0.000 | 93 | 222967 | 50.0 | 50.1 | |
| 100 Styrene | 104 | 9.592 | 9.593 | -0.001 | 93 | 393449 | 50.0 | 49.7 | |
| 101 n-Butyl acrylate | 73 | 9.615 | 9.615 | 0.000 | 96 | 90076 | 50.0 | 49.1 | |
| 102 Bromoform | 173 | 9.832 | 9.832 | 0.000 | 93 | 75643 | 50.0 | 49.1 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.003 | 10.004 | -0.001 | 90 | 209006 | 50.0 | 47.6 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 97 | 522505 | 50.0 | 50.3 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 83 | 109993 | 50.0 | 51.1 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 94 | 142171 | 50.0 | 48.1 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 98 | 167829 | 50.0 | 47.7 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 97 | 147344 | 50.0 | 47.6 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 91 | 77584 | 50.0 | 49.2 | |
| 110 N-Propylbenzene | 91 | 10.860 | 10.860 | 0.000 | 98 | 575192 | 50.0 | 49.6 | |
| 111 2-Chlorotoluene | 91 | 10.951 | 10.940 | 0.011 | 97 | 393711 | 50.0 | 48.1 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 99 | 450613 | 50.0 | 49.6 | |
| 113 4-Chlorotoluene | 91 | 11.134 | 11.134 | 0.000 | 98 | 448061 | 50.0 | 48.9 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.168 | 11.168 | 0.000 | 92 | 351290 | 50.0 | 49.1 | |
| 115 Butyl Methacrylate | 87 | 11.374 | 11.374 | 0.000 | 93 | 121648 | 50.0 | 52.9 | |
| 116 tert-Butylbenzene | 119 | 11.579 | 11.579 | 0.000 | 92 | 301258 | 50.0 | 50.8 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.636 | 11.636 | 0.000 | 98 | 361524 | 50.0 | 47.9 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 99 | 422457 | 50.0 | 51.3 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 94 | 243179 | 50.0 | 49.9 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 98 | 195420 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.979 | 0.000 | 97 | 327889 | 50.0 | 50.2 | |
| 121 1,4-Dichlorobenzene | 146 | 11.979 | 11.979 | 0.000 | 93 | 246774 | 50.0 | 50.1 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 99 | 388317 | 50.0 | 48.5 | |
| 124 Benzyl chloride | 126 | 12.127 | 12.116 | 0.011 | 99 | 63028 | 50.0 | 50.1 | |
| 125 2,3-Dihydroindene | 117 | 12.218 | 12.218 | 0.000 | 94 | 450616 | 50.0 | 50.3 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 95 | 238515 | 50.0 | 49.6 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 92 | 189970 | 50.0 | 50.6 | |
| 128 n-Butylbenzene | 92 | 12.333 | 12.333 | 0.000 | 97 | 154618 | 50.0 | 51.0 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 96 | 380173 | 50.0 | 51.3 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.903 | 12.903 | 0.000 | 94 | 33647 | 50.0 | 51.0 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 95 | 121343 | 50.0 | 49.6 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 93 | 119201 | 50.0 | 50.1 | |
| 133 Hexachlorobutadiene | 225 | 13.543 | 13.543 | 0.000 | 96 | 42922 | 50.0 | 52.7 | |
| 134 Naphthalene | 128 | 13.577 | 13.577 | 0.000 | 99 | 419160 | 50.0 | 49.1 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 95 | 115317 | 50.0 | 50.9 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 95.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 100.0 | 100.1 | |
| S 139 Total BTEX | 1 | | | | 0 | | 250.0 | 244.8 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 10.00 | Units: uL | |
| GASES Li_00558 | Amount Added: | 50.00 | Units: uL | |
| 8260MIX1COMB_00179 | Amount Added: | 50.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 50.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 22-Nov-2023 14:41:01 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11263.d

Injection Date: 22-Nov-2023 11:43:30 Instrument ID: CVOAMS12 Operator ID:

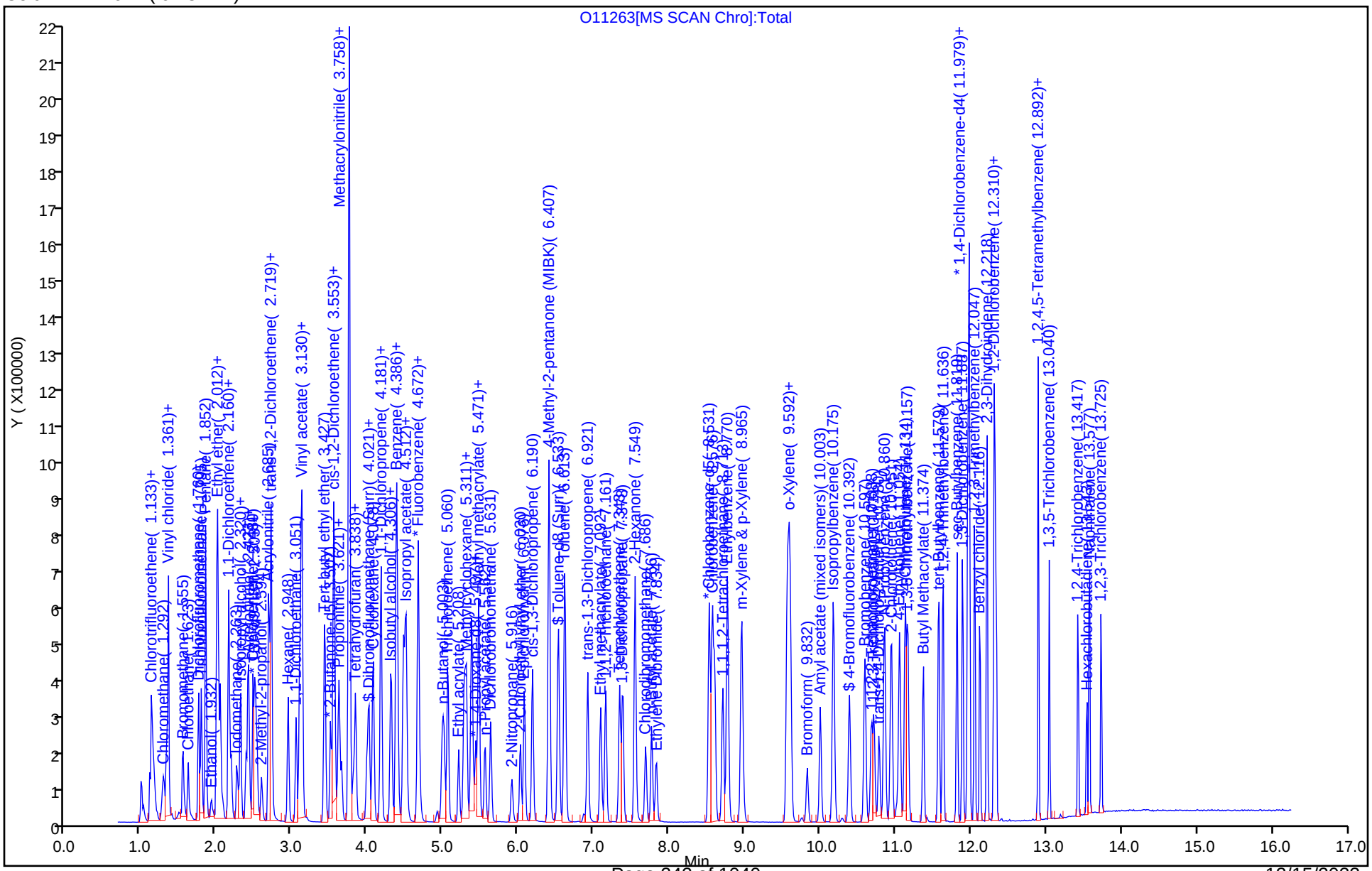
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11264.d
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-Nov-2023 12:08:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0169242-008
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:41:07 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: NN6A Date: 22-Nov-2023 12:30:40

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 97 | 143676 | 200.0 | 201.4 | |
| 3 Dichlorodifluoromethane | 85 | 1.133 | 1.133 | 0.000 | 100 | 696550 | 200.0 | 190.4 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 98 | 103064 | 200.0 | 193.3 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 100 | 705856 | 200.0 | 174.2 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 99 | 652628 | 200.0 | 191.5 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 97 | 657962 | 200.0 | 183.2 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 99 | 446765 | 200.0 | 204.1 | |
| 10 Chloroethane | 64 | 1.623 | 1.624 | -0.001 | 100 | 400353 | 200.0 | 177.4 | |
| 11 Dichlorofluoromethane | 67 | 1.760 | 1.761 | -0.001 | 99 | 1041722 | 200.0 | 193.3 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.795 | 0.000 | 100 | 768293 | 200.0 | 203.2 | |
| 13 Pentane | 57 | 1.852 | 1.852 | 0.000 | 96 | 209480 | 400.0 | 375.2 | |
| 14 Ethanol | 46 | 1.920 | 1.920 | 0.000 | 98 | 90793 | 8000.0 | 7831.7 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 95 | 427107 | 200.0 | 191.8 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 97 | 416067 | 200.0 | 212.9 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.012 | 2.012 | 0.000 | 94 | 469874 | 200.0 | 181.5 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 97 | 692952 | 200.0 | 193.9 | |
| 19 Acrolein | 56 | 2.080 | 2.080 | 0.000 | 97 | 60400 | 200.0 | 203.5 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 98 | 396787 | 200.0 | 194.9 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 94 | 415932 | 200.0 | 192.5 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 86 | 214144 | 1000.0 | 1116.6 | |
| 23 Iodomethane | 142 | 2.263 | 2.263 | 0.000 | 98 | 601109 | 200.0 | 218.0 | |
| 24 Isopropyl alcohol | 45 | 2.297 | 2.286 | 0.011 | 99 | 286805 | 2000.0 | 2002.0 | |
| 25 Carbon disulfide | 76 | 2.320 | 2.320 | 0.000 | 99 | 1281235 | 200.0 | 172.3 | |
| 26 Acetonitrile | 38 | 2.423 | 2.411 | 0.012 | 97 | 197137 | 2000.0 | 1979.5 | a |
| 27 3-Chloro-1-propene | 76 | 2.423 | 2.423 | 0.000 | 89 | 291862 | 200.0 | 200.0 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 99 | 648596 | 400.0 | 481.4 | |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 97 | 948080 | 200.0 | 182.4 | |
| 30 Methylene Chloride | 84 | 2.514 | 2.503 | 0.011 | 93 | 494430 | 200.0 | 181.0 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 211964 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 99 | 449051 | 2000.0 | 1839.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.697 | 2.685 | 0.012 | 94 | 1814558 | 2000.0 | 2203.3 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.719 | 2.720 | -0.001 | 96 | 454634 | 200.0 | 180.7 | |
| 35 Methyl tert-butyl ether | 73 | 2.719 | 2.720 | -0.001 | 97 | 1647561 | 200.0 | 200.6 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 93 | 444228 | 200.0 | 167.2 | |
| 37 1,1-Dichloroethane | 63 | 3.051 | 3.051 | 0.000 | 100 | 914640 | 200.0 | 188.7 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 186278 | 400.0 | 403.7 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 91 | 1841704 | 200.0 | 194.4 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.130 | 3.131 | -0.001 | 92 | 469719 | 200.0 | 193.7 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 89 | 1759364 | 200.0 | 198.8 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 294710 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 92 | 530388 | 200.0 | 192.0 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 84 | 172377 | 200.0 | 179.3 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 100 | 327725 | 1000.0 | 1035.0 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 95 | 740488 | 2000.0 | 2201.4 | |
| 47 Ethyl acetate | 43 | 3.621 | 3.622 | -0.001 | 100 | 1137487 | 400.0 | 376.2 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 100 | 543450 | 200.0 | 171.6 | |
| 50 Methacrylonitrile | 67 | 3.758 | 3.759 | 0.000 | 92 | 2369483 | 2000.0 | 1981.8 | |
| 49 Chlorobromomethane | 128 | 3.770 | 3.759 | 0.012 | 97 | 237353 | 200.0 | 190.4 | |
| 51 Tetrahydrofuran | 42 | 3.816 | 3.816 | 0.000 | 92 | 290419 | 400.0 | 401.0 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 98 | 855118 | 200.0 | 185.7 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 95 | 80751 | 50.0 | 46.8 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 99 | 729348 | 200.0 | 186.7 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 93 | 584036 | 200.0 | 187.6 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 93 | 690601 | 200.0 | 186.5 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 81 | 570956 | 200.0 | 194.9 | |
| 61 Isobutyl alcohol | 43 | 4.306 | 4.307 | -0.001 | 97 | 671990 | 5000.0 | 5223.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 118700 | 50.0 | 47.4 | |
| 59 Benzene | 78 | 4.386 | 4.375 | 0.011 | 96 | 2057850 | 200.0 | 180.2 | |
| 60 1,2-Dichloroethane | 62 | 4.398 | 4.398 | 0.000 | 97 | 726815 | 200.0 | 188.3 | |
| 62 Isooctane | 57 | 4.489 | 4.478 | 0.011 | 96 | 1011774 | 200.0 | 201.3 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 98 | 222409 | 200.0 | 213.7 | |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 96 | 1620374 | 200.0 | 200.2 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 99 | 510808 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 93 | 368669 | 200.0 | 169.9 | |
| 68 n-Butanol | 56 | 5.014 | 5.014 | 0.000 | 89 | 453908 | 5000.0 | 4848.1 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 96 | 536810 | 200.0 | 184.7 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 98 | 788575 | 200.0 | 212.5 | |
| 70 Methylcyclohexane | 83 | 5.288 | 5.277 | 0.011 | 96 | 573193 | 200.0 | 195.7 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 92 | 561699 | 200.0 | 185.5 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.425 | 5.414 | 0.011 | 0 | 35316 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 94 | 310498 | 200.0 | 190.3 | |
| 75 Methyl methacrylate | 100 | 5.482 | 5.471 | 0.011 | 90 | 321997 | 400.0 | 396.6 | |
| 74 1,4-Dioxane | 88 | 5.482 | 5.482 | 0.000 | 32 | 152090 | 4000.0 | 3835.7 | |
| 76 n-Propyl acetate | 43 | 5.562 | 5.562 | 0.000 | 99 | 849756 | 200.0 | 193.6 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 99 | 707384 | 200.0 | 198.0 | |
| 78 2-Nitropropane | 41 | 5.916 | 5.916 | 0.000 | 98 | 316585 | 400.0 | 414.1 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.030 | 6.030 | 0.000 | 97 | 413437 | 200.5 | 229.5 | |
| 80 Epichlorohydrin | 57 | 6.087 | 6.076 | 0.011 | 99 | 1292186 | 4000.0 | 3818.8 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.190 | 6.190 | 0.000 | 95 | 944106 | 200.0 | 196.6 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 97 | 2981881 | 1000.0 | 1049.8 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 99 | 385891 | 50.0 | 46.9 | |
| 84 Toluene | 91 | 6.613 | 6.613 | 0.000 | 93 | 2284067 | 200.0 | 176.4 | |

| 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 | 6.921 | 6.921 | 0.000 | 98 | 914663 | 200.0 | 193.7 | |
| 86 Ethyl methacrylate | 69 | 7.092 | 7.092 | 0.000 | 90 | 788245 | 200.0 | 201.4 | |
| 87 1,1,2-Trichloroethane | 83 | 7.161 | 7.161 | 0.000 | 95 | 428795 | 200.0 | 187.5 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 96 | 442668 | 200.0 | 185.2 | |
| 89 1,3-Dichloropropane | 76 | 7.389 | 7.389 | 0.000 | 95 | 899639 | 200.0 | 189.1 | |
| 90 2-Hexanone | 43 | 7.549 | 7.549 | 0.000 | 97 | 2102137 | 1000.0 | 1077.9 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 98 | 496198 | 200.0 | 208.5 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 98 | 926442 | 200.0 | 203.4 | |
| 93 Ethylene Dibromide | 107 | 7.834 | 7.834 | 0.000 | 98 | 510437 | 200.0 | 204.9 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 89 | 404487 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.576 | 8.576 | 0.000 | 92 | 1404436 | 200.0 | 187.8 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.713 | 8.713 | 0.000 | 94 | 468540 | 200.0 | 205.1 | |
| 97 Ethylbenzene | 106 | 8.770 | 8.771 | -0.001 | 99 | 734266 | 200.0 | 184.1 | |
| 98 m-Xylene & p-Xylene | 106 | 8.965 | 8.965 | 0.000 | 0 | 875683 | 200.0 | 191.7 | |
| 99 o-Xylene | 106 | 9.570 | 9.570 | 0.000 | 93 | 901594 | 200.0 | 196.4 | |
| 100 Styrene | 104 | 9.592 | 9.593 | -0.001 | 93 | 1617599 | 200.0 | 198.3 | |
| 101 n-Butyl acrylate | 73 | 9.615 | 9.615 | 0.000 | 97 | 432760 | 200.0 | 228.8 | |
| 102 Bromoform | 173 | 9.832 | 9.832 | 0.000 | 95 | 341674 | 200.0 | 215.3 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.003 | 10.004 | -0.001 | 90 | 942507 | 200.0 | 203.6 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 96 | 2066498 | 200.0 | 192.9 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 83 | 103375 | 50.0 | 46.6 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 94 | 577523 | 200.0 | 185.0 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.688 | 10.677 | 0.011 | 98 | 682850 | 200.0 | 184.1 | |
| 108 1,2,3-Trichloropropane | 75 | 10.723 | 10.711 | 0.012 | 98 | 585309 | 200.0 | 179.3 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.791 | 10.780 | 0.011 | 93 | 326784 | 200.0 | 196.4 | |
| 110 N-Propylbenzene | 91 | 10.860 | 10.860 | 0.000 | 98 | 2332395 | 200.0 | 190.4 | |
| 111 2-Chlorotoluene | 91 | 10.951 | 10.940 | 0.011 | 97 | 1560707 | 200.0 | 180.5 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 99 | 1822070 | 200.0 | 190.0 | |
| 113 4-Chlorotoluene | 91 | 11.134 | 11.134 | 0.000 | 98 | 1795261 | 200.0 | 185.8 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.168 | 11.168 | 0.000 | 92 | 1394859 | 200.0 | 184.6 | |
| 115 Butyl Methacrylate | 87 | 11.373 | 11.374 | -0.001 | 93 | 581167 | 200.0 | 239.6 | |
| 116 tert-Butylbenzene | 119 | 11.579 | 11.579 | 0.000 | 93 | 1229954 | 200.0 | 196.7 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.636 | 11.636 | 0.000 | 98 | 1456152 | 200.0 | 182.8 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 99 | 1723888 | 200.0 | 198.4 | |
| 119 1,3-Dichlorobenzene | 146 | 11.899 | 11.887 | 0.012 | 95 | 966233 | 200.0 | 187.8 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.967 | 11.956 | 0.011 | 97 | 206245 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.979 | 0.000 | 98 | 1398777 | 200.0 | 202.9 | |
| 121 1,4-Dichlorobenzene | 146 | 11.979 | 11.979 | 0.000 | 92 | 1004044 | 200.0 | 193.1 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.059 | 12.047 | 0.011 | 99 | 1538966 | 200.0 | 182.2 | |
| 124 Benzyl chloride | 126 | 12.127 | 12.116 | 0.011 | 98 | 283589 | 200.0 | 213.6 | |
| 125 2,3-Dihydroindene | 117 | 12.218 | 12.218 | 0.000 | 94 | 1838384 | 200.0 | 194.6 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 95 | 985992 | 200.0 | 194.3 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 92 | 778618 | 200.0 | 196.7 | |
| 128 n-Butylbenzene | 92 | 12.344 | 12.333 | 0.011 | 98 | 618406 | 200.0 | 193.1 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 96 | 1277804 | 200.0 | 163.3 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.903 | 12.903 | 0.000 | 92 | 146670 | 200.0 | 210.7 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 96 | 429996 | 200.0 | 166.5 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.429 | 13.417 | 0.012 | 94 | 428153 | 200.0 | 170.4 | |
| 133 Hexachlorobutadiene | 225 | 13.543 | 13.543 | 0.000 | 96 | 169403 | 200.0 | 197.2 | |
| 134 Naphthalene | 128 | 13.577 | 13.577 | 0.000 | 99 | 1419353 | 200.0 | 157.6 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 95 | 406012 | 200.0 | 169.9 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 372.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 400.0 | 388.1 | |
| S 139 Total BTEX | 1 | | | | 0 | | 1000.0 | 928.8 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| Ethanol mix_00083 | Amount Added: | 20.00 | Units: uL | |
| MIX 2 Hi_00142 | Amount Added: | 20.00 | Units: uL | |
| MIX I Hi_00170 | Amount Added: | 20.00 | Units: uL | |
| GAS Hi_00456 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 20.00 | Units: uL | |
| 7 Freons Hi_00002 | Amount Added: | 20.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

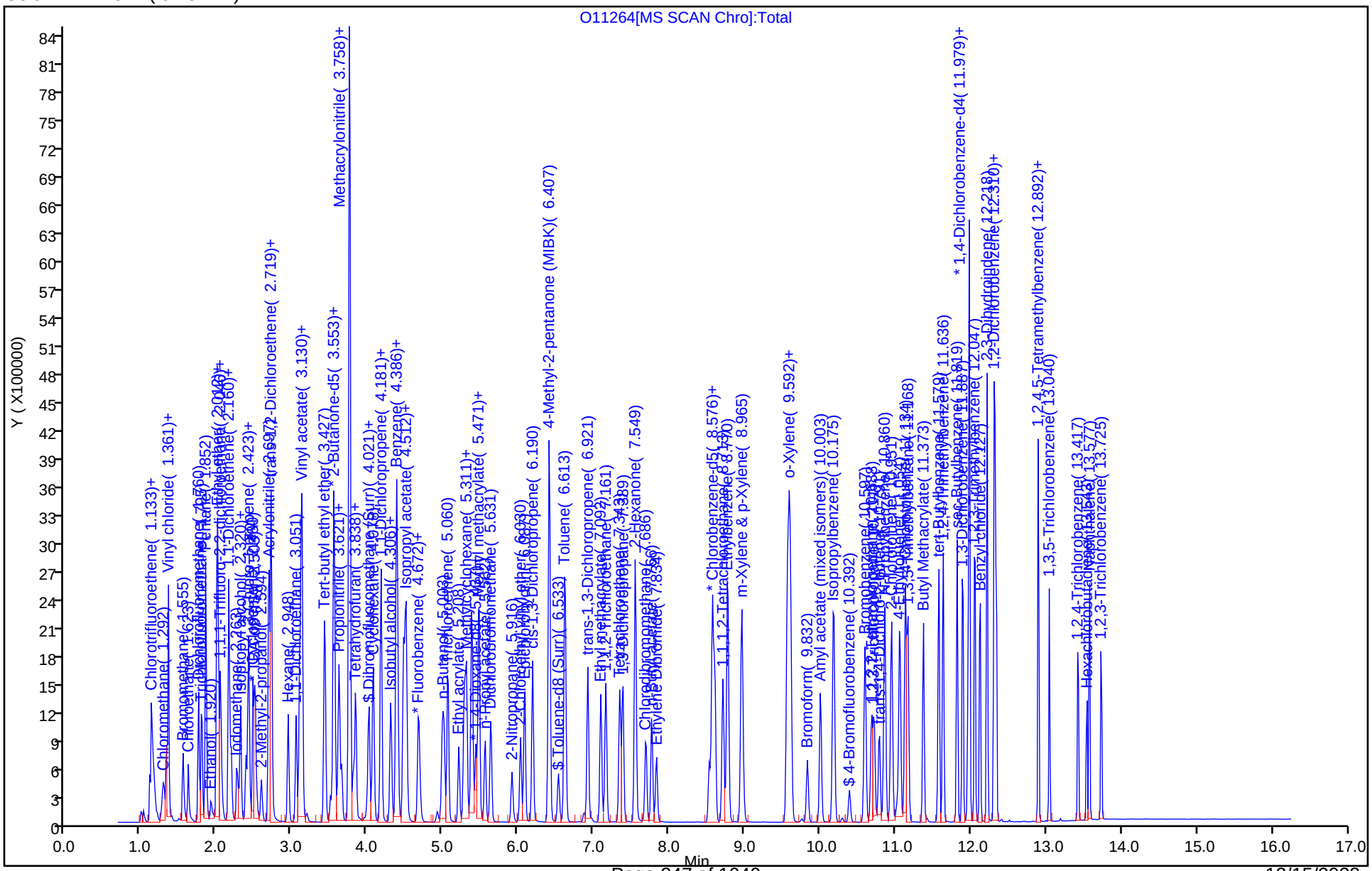
Report Date: 22-Nov-2023 14:41:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11264.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Nov-2023 12:08:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | STD200 | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

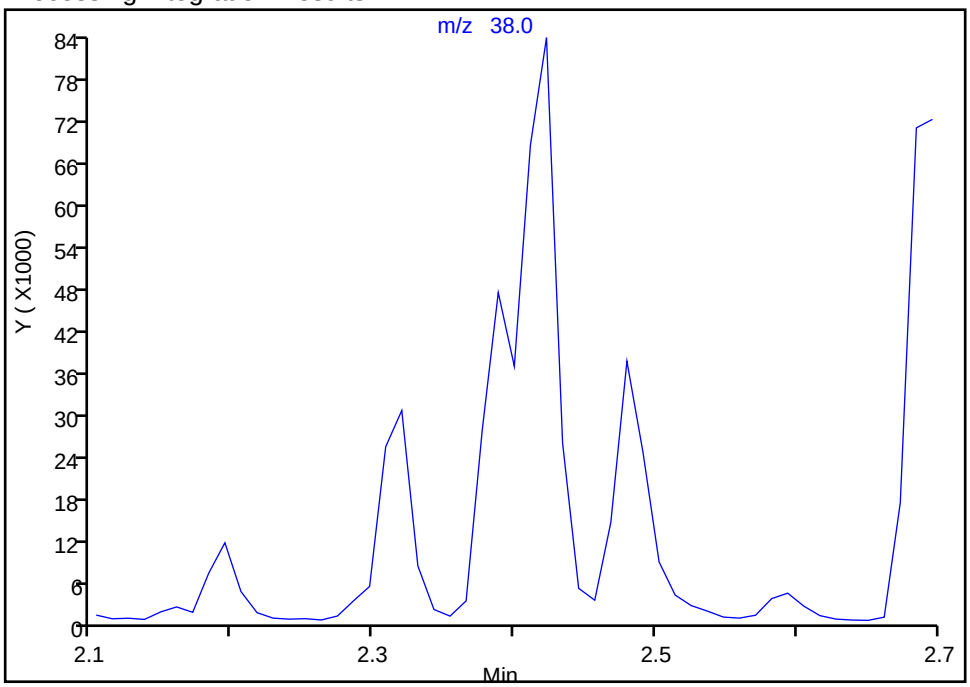
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11264.d
Injection Date: 22-Nov-2023 12:08:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 26 Acetonitrile, CAS: 75-05-8

Signal: 1

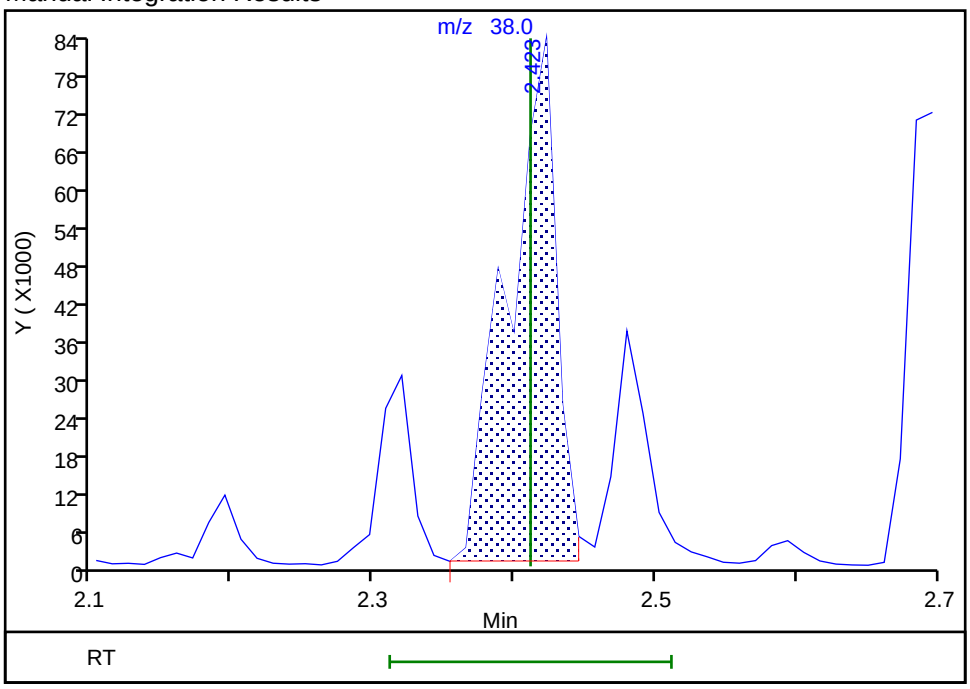
Not Detected
Expected RT: 2.41

Processing Integration Results




Manual Integration Results

RT: 2.42
Area: 197137
Amount: 1979.5161
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 12:28:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-Nov-2023 12:33:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0169242-009
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:41:14 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: NN6A Date: 22-Nov-2023 13:43:09

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 97 | 369297 | 500.0 | 481.9 | |
| 3 Dichlorodifluoromethane | 85 | 1.132 | 1.133 | -0.001 | 100 | 1870399 | 500.0 | 500.1 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 99 | 273370 | 500.0 | 502.3 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 100 | 1847374 | 500.0 | 446.0 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 99 | 1717011 | 500.0 | 493.0 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 97 | 1695535 | 500.0 | 461.9 | |
| 9 Bromomethane | 94 | 1.544 | 1.555 | -0.011 | 98 | 660147 | 500.0 | 423.6 | |
| 10 Chloroethane | 64 | 1.612 | 1.624 | -0.012 | 100 | 1098691 | 500.0 | 476.4 | |
| 11 Dichlorofluoromethane | 67 | 1.760 | 1.761 | -0.001 | 99 | 2741468 | 500.0 | 497.6 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.795 | 0.000 | 99 | 2037304 | 500.0 | 527.3 | |
| 13 Pentane | 57 | 1.852 | 1.852 | 0.000 | 97 | 529377 | 1000.0 | 927.7 | |
| 14 Ethanol | 46 | 1.943 | 1.920 | 0.023 | 99 | 279687 | 20000 | 19272 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 97 | 1123904 | 500.0 | 494.5 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 97 | 1059279 | 500.0 | 530.2 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.012 | 2.012 | 0.000 | 87 | 1247854 | 500.0 | 471.5 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 96 | 1894514 | 500.0 | 518.6 | |
| 19 Acrolein | 56 | 2.080 | 2.080 | 0.000 | 93 | 142827 | 400.0 | 383.9 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 98 | 1065521 | 500.0 | 512.1 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 87 | 1095846 | 500.0 | 496.1 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 86 | 542178 | 2500.0 | 2630.9 | |
| 23 Iodomethane | 142 | 2.263 | 2.263 | 0.000 | 98 | 1550952 | 500.0 | 550.2 | |
| 24 Isopropyl alcohol | 45 | 2.308 | 2.286 | 0.022 | 99 | 904745 | 5000.0 | 5038.3 | |
| 25 Carbon disulfide | 76 | 2.308 | 2.320 | -0.012 | 100 | 3404893 | 500.0 | 447.9 | |
| 26 Acetonitrile | 38 | 2.423 | 2.411 | 0.012 | 91 | 483572 | 5000.0 | 3877.0 | |
| 27 3-Chloro-1-propene | 76 | 2.423 | 2.423 | 0.000 | 92 | 745848 | 500.0 | 500.1 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 99 | 1981409 | 1000.0 | 1173.1 | |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 96 | 2633488 | 500.0 | 495.6 | |
| 30 Methylene Chloride | 84 | 2.503 | 2.503 | 0.000 | 96 | 1292474 | 500.0 | 462.8 | |
| * 31 TBA-d9 (IS) | 65 | 2.548 | 2.525 | 0.023 | 0 | 265690 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.617 | 2.594 | 0.023 | 99 | 1400208 | 5000.0 | 4575.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.697 | 2.685 | 0.012 | 94 | 5006050 | 5000.0 | 5946.9 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.719 | 2.720 | -0.001 | 96 | 1240497 | 500.0 | 482.3 | |
| 35 Methyl tert-butyl ether | 73 | 2.731 | 2.720 | 0.011 | 97 | 4232494 | 500.0 | 504.1 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 93 | 1134375 | 500.0 | 417.7 | |
| 37 1,1-Dichloroethane | 63 | 3.051 | 3.051 | 0.000 | 100 | 2481813 | 500.0 | 500.9 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 482948 | 1000.0 | 974.0 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 97 | 4793131 | 500.0 | 495.1 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.130 | 3.131 | -0.001 | 92 | 1273686 | 500.0 | 513.8 | |
| 41 Tert-butyl ethyl ether | 59 | 3.439 | 3.427 | 0.012 | 89 | 4655383 | 500.0 | 514.6 | |
| * 43 2-Butanone-d5 | 46 | 3.519 | 3.507 | 0.012 | 0 | 316666 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 92 | 1457856 | 500.0 | 516.2 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 81 | 460523 | 500.0 | 468.6 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 99 | 862892 | 2500.0 | 2536.3 | |
| 42 Propionitrile | 54 | 3.633 | 3.610 | 0.023 | 97 | 2156503 | 5000.0 | 5114.6 | |
| 47 Ethyl acetate | 43 | 3.633 | 3.622 | 0.011 | 100 | 3079223 | 1000.0 | 947.8 | |
| 48 Methyl acrylate | 55 | 3.667 | 3.656 | 0.011 | 100 | 1732927 | 500.0 | 535.3 | |
| 50 Methacrylonitrile | 67 | 3.781 | 3.759 | 0.023 | 91 | 6456959 | 5000.0 | 5283.6 | |
| 49 Chlorobromomethane | 128 | 3.770 | 3.759 | 0.012 | 93 | 637258 | 500.0 | 500.0 | |
| 51 Tetrahydrofuran | 42 | 3.815 | 3.816 | -0.001 | 82 | 823283 | 1000.0 | 999.9 | |
| 52 Chloroform | 83 | 3.850 | 3.838 | 0.012 | 98 | 2310284 | 500.0 | 490.8 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.998 | 3.987 | 0.011 | 96 | 91932 | 50.0 | 52.2 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 99 | 1954574 | 500.0 | 489.6 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 93 | 1543715 | 500.0 | 485.1 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 94 | 1832291 | 500.0 | 484.1 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 82 | 1567288 | 500.0 | 523.5 | |
| 61 Isobutyl alcohol | 43 | 4.329 | 4.307 | 0.022 | 97 | 1942554 | 12500 | 12046 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 131187 | 50.0 | 51.3 | |
| 59 Benzene | 78 | 4.386 | 4.375 | 0.011 | 96 | 5443496 | 500.0 | 461.2 | |
| 60 1,2-Dichloroethane | 62 | 4.398 | 4.398 | 0.000 | 98 | 1916618 | 500.0 | 485.8 | |
| 62 Isooctane | 57 | 4.489 | 4.478 | 0.011 | 96 | 2617460 | 500.0 | 510.0 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 98 | 595584 | 500.0 | 559.9 | |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 97 | 4332979 | 500.0 | 523.6 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 98 | 522107 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 95 | 935481 | 500.0 | 421.7 | |
| 68 n-Butanol | 56 | 5.037 | 5.014 | 0.023 | 89 | 1299079 | 12500 | 11069 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 97 | 1409179 | 500.0 | 474.4 | |
| 69 Ethyl acrylate | 55 | 5.220 | 5.208 | 0.012 | 98 | 2158162 | 500.0 | 568.9 | |
| 70 Methylcyclohexane | 83 | 5.288 | 5.277 | 0.011 | 97 | 1490259 | 500.0 | 497.8 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 93 | 1510272 | 500.0 | 488.1 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.437 | 5.414 | 0.023 | 0 | 41725 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 95 | 840063 | 500.0 | 503.7 | |
| 75 Methyl methacrylate | 100 | 5.482 | 5.471 | 0.011 | 90 | 861378 | 1000.0 | 1037.9 | |
| 74 1,4-Dioxane | 88 | 5.494 | 5.482 | 0.012 | 93 | 399026 | 10000 | 8517.6 | |
| 76 n-Propyl acetate | 43 | 5.562 | 5.562 | 0.000 | 99 | 2278373 | 500.0 | 507.8 | |
| 77 Dichlorobromomethane | 83 | 5.642 | 5.631 | 0.011 | 99 | 1909372 | 500.0 | 522.9 | |
| 78 2-Nitropropane | 41 | 5.916 | 5.916 | 0.000 | 98 | 914496 | 1000.0 | 986.2 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.042 | 6.030 | 0.012 | 97 | 1137127 | 501.2 | 617.5 | |
| 80 Epichlorohydrin | 57 | 6.099 | 6.076 | 0.023 | 99 | 3547184 | 10000 | 9756.2 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.190 | 6.190 | 0.000 | 95 | 2533980 | 500.0 | 510.5 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.419 | 6.407 | 0.012 | 97 | 7899028 | 2500.0 | 2588.0 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 99 | 421659 | 50.0 | 49.6 | |
| 84 Toluene | 91 | 6.624 | 6.613 | 0.011 | 93 | 6035937 | 500.0 | 451.1 | |

| 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 | 6.921 | 6.921 | 0.000 | 98 | 2486071 | 500.0 | 509.5 | |
| 86 Ethyl methacrylate | 69 | 7.104 | 7.092 | 0.012 | 90 | 2130843 | 500.0 | 526.9 | |
| 87 1,1,2-Trichloroethane | 83 | 7.161 | 7.161 | 0.000 | 95 | 1158736 | 500.0 | 490.4 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 96 | 1190212 | 500.0 | 481.7 | |
| 89 1,3-Dichloropropane | 76 | 7.389 | 7.389 | 0.000 | 95 | 2390249 | 500.0 | 486.2 | |
| 90 2-Hexanone | 43 | 7.560 | 7.549 | 0.011 | 96 | 5588196 | 2500.0 | 2666.7 | |
| 91 Chlorodibromomethane | 129 | 7.697 | 7.686 | 0.011 | 98 | 1396372 | 500.0 | 567.8 | |
| 92 n-Butyl acetate | 43 | 7.777 | 7.766 | 0.011 | 98 | 2515893 | 500.0 | 534.4 | |
| 93 Ethylene Dibromide | 107 | 7.834 | 7.834 | 0.000 | 98 | 1354623 | 500.0 | 526.2 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 89 | 418027 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.576 | 8.576 | 0.000 | 92 | 3807645 | 500.0 | 492.7 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.713 | 8.713 | 0.000 | 95 | 1295817 | 500.0 | 548.9 | |
| 97 Ethylbenzene | 106 | 8.782 | 8.771 | 0.011 | 99 | 1966068 | 500.0 | 477.1 | |
| 98 m-Xylene & p-Xylene | 106 | 8.964 | 8.965 | -0.001 | 0 | 2366325 | 500.0 | 501.2 | |
| 99 o-Xylene | 106 | 9.570 | 9.570 | 0.000 | 93 | 2445271 | 500.0 | 515.4 | |
| 100 Styrene | 104 | 9.604 | 9.593 | 0.011 | 94 | 4435078 | 500.0 | 526.1 | |
| 101 n-Butyl acrylate | 73 | 9.615 | 9.615 | 0.000 | 97 | 1271524 | 500.0 | 650.5 | |
| 102 Bromoform | 173 | 9.832 | 9.832 | 0.000 | 95 | 970011 | 500.0 | 591.3 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.015 | 10.004 | 0.011 | 90 | 2825357 | 500.0 | 585.6 | |
| 104 Isopropylbenzene | 105 | 10.186 | 10.175 | 0.011 | 96 | 5580498 | 500.0 | 504.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 83 | 115127 | 50.0 | 50.3 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 95 | 1567289 | 500.0 | 481.8 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.688 | 10.677 | 0.011 | 98 | 1872414 | 500.0 | 484.4 | |
| 108 1,2,3-Trichloropropane | 75 | 10.723 | 10.711 | 0.012 | 98 | 1551993 | 500.0 | 456.3 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.791 | 10.780 | 0.011 | 93 | 917214 | 500.0 | 529.1 | |
| 110 N-Propylbenzene | 91 | 10.871 | 10.860 | 0.011 | 99 | 6095223 | 500.0 | 477.5 | |
| 111 2-Chlorotoluene | 91 | 10.962 | 10.940 | 0.022 | 97 | 4206972 | 500.0 | 467.1 | |
| 112 4-Ethyltoluene | 105 | 11.065 | 11.054 | 0.011 | 99 | 4947915 | 500.0 | 495.3 | |
| 113 4-Chlorotoluene | 91 | 11.134 | 11.134 | 0.000 | 99 | 4808157 | 500.0 | 477.5 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.168 | 11.168 | 0.000 | 92 | 3745150 | 500.0 | 475.8 | |
| 115 Butyl Methacrylate | 87 | 11.373 | 11.374 | -0.001 | 93 | 1870626 | 500.0 | 740.2 | |
| 116 tert-Butylbenzene | 119 | 11.579 | 11.579 | 0.000 | 93 | 3368653 | 500.0 | 517.0 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.636 | 11.636 | 0.000 | 98 | 3945558 | 500.0 | 475.4 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 99 | 4677066 | 500.0 | 516.6 | |
| 119 1,3-Dichlorobenzene | 146 | 11.899 | 11.887 | 0.012 | 95 | 2640917 | 500.0 | 492.6 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.967 | 11.956 | 0.011 | 83 | 214905 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.979 | 0.000 | 97 | 3905084 | 500.0 | 543.6 | |
| 121 1,4-Dichlorobenzene | 146 | 11.990 | 11.979 | 0.011 | 94 | 2783962 | 500.0 | 513.9 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.058 | 12.047 | 0.011 | 99 | 4247726 | 500.0 | 482.6 | |
| 124 Benzyl chloride | 126 | 12.127 | 12.116 | 0.011 | 98 | 790790 | 500.0 | 571.7 | |
| 125 2,3-Dihydroindene | 117 | 12.218 | 12.218 | 0.000 | 94 | 4901646 | 500.0 | 498.0 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 94 | 2696394 | 500.0 | 509.8 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 91 | 2199608 | 500.0 | 533.2 | |
| 128 n-Butylbenzene | 92 | 12.344 | 12.333 | 0.011 | 97 | 1736776 | 500.0 | 520.5 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 96 | 2838343 | 500.0 | 348.2 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.903 | 12.903 | 0.000 | 90 | 404205 | 500.0 | 557.3 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 96 | 1140648 | 500.0 | 423.9 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.429 | 13.417 | 0.011 | 94 | 1138769 | 500.0 | 434.9 | |
| 133 Hexachlorobutadiene | 225 | 13.543 | 13.543 | 0.000 | 95 | 461895 | 500.0 | 516.0 | |
| 134 Naphthalene | 128 | 13.577 | 13.577 | 0.000 | 99 | 3548075 | 500.0 | 378.1 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.737 | 13.725 | 0.012 | 96 | 1020595 | 500.0 | 410.0 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 998.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 1016.6 | |
| S 139 Total BTEX | 1 | | | | 0 | | 2500.0 | 2406.0 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| Ethanol mix_00083 | Amount Added: | 50.00 | Units: uL | |
| MIX 2 Hi_00142 | Amount Added: | 50.00 | Units: uL | |
| MIX I Hi_00170 | Amount Added: | 50.00 | Units: uL | |
| GAS Hi_00456 | Amount Added: | 50.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 40.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 7 Freons Hi_00002 | Amount Added: | 50.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 22-Nov-2023 14:41:15 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Injection Date: 22-Nov-2023 12:33:30 Instrument ID: CVOAMS12 Operator ID:

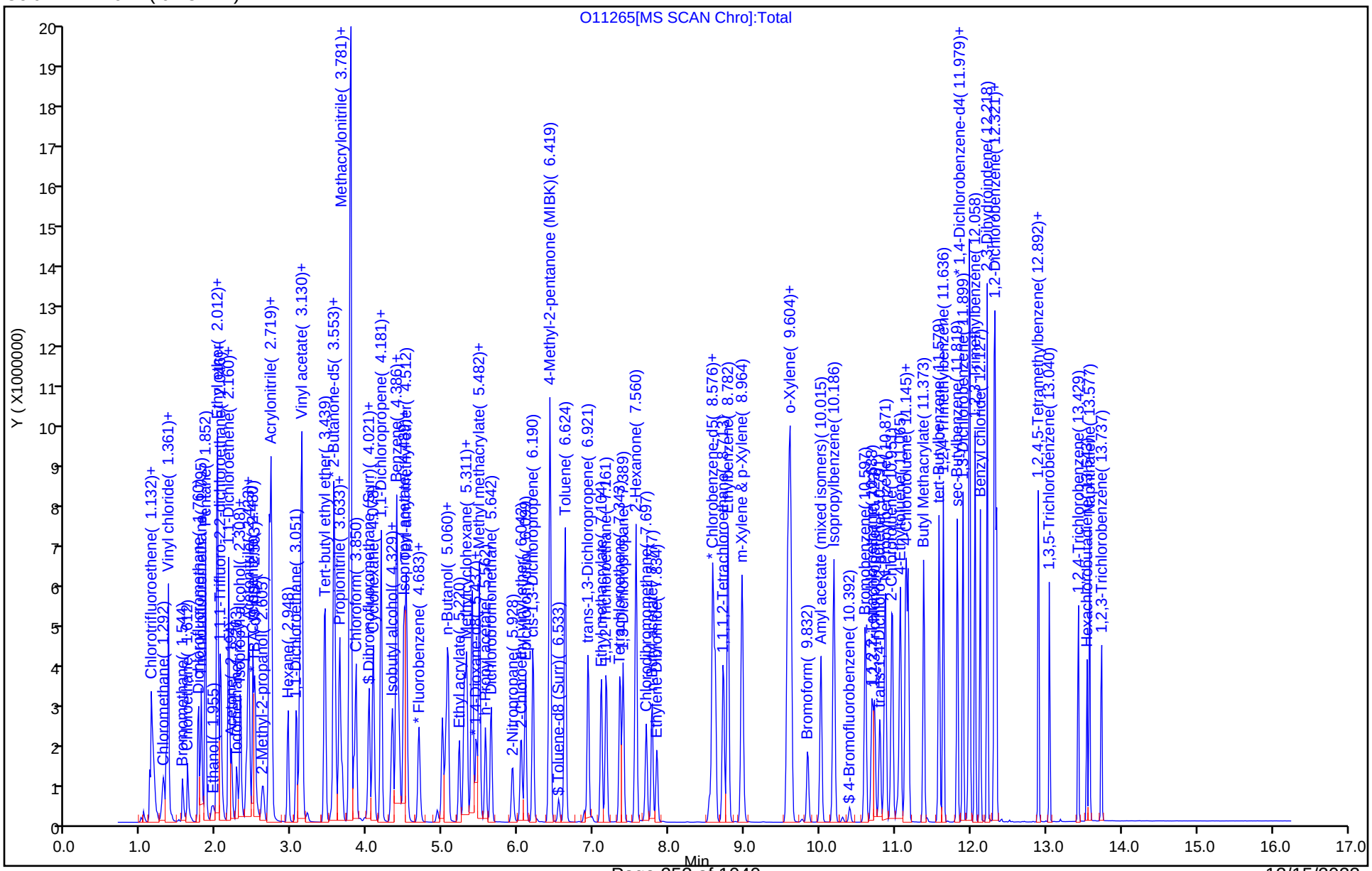
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Nov-2023 10:03:30 ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0169242-018
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:41:21 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: NN6A Date: 22-Nov-2023 11:11:09

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 22 | 410 | 0.5000 | 0.5695 | a |
| 3 Dichlorodifluoromethane | 85 | 1.133 | 1.133 | 0.000 | 97 | 1789 | 0.5000 | 0.4816 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 27 | 484 | 0.5000 | 0.5296 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 96 | 2595 | 0.5000 | 0.6308 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 98 | 1671 | 0.5000 | 0.4832 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 90 | 1882 | 0.5000 | 0.5162 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 95 | 1860 | 0.5000 | 0.6534 | |
| 10 Chloroethane | 64 | 1.624 | 1.624 | 0.000 | 92 | 1357 | 0.5000 | 0.5924 | |
| 11 Dichlorofluoromethane | 67 | 1.761 | 1.761 | 0.000 | 96 | 2800 | 0.5000 | 0.5117 | |
| 12 Trichlorofluoromethane | 101 | 1.806 | 1.795 | 0.011 | 90 | 1880 | 0.5000 | 0.4899 | |
| 13 Pentane | 57 | 1.863 | 1.852 | 0.011 | 94 | 536 | 1.00 | 0.9458 | M |
| 14 Ethanol | 46 | 1.909 | 1.920 | -0.011 | 60 | 432 | 20.0 | 19.9 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 90 | 2221 | 0.5000 | 0.4617 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 81 | 975 | 0.5000 | 0.4914 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.023 | 2.012 | 0.011 | 89 | 1562 | 0.5000 | 0.5943 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 93 | 1925 | 0.5000 | 0.5306 | |
| 19 Acrolein | 56 | 2.092 | 2.080 | 0.012 | 27 | 808 | 2.00 | 2.72 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 93 | 1082 | 0.5000 | 0.5236 | a |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 63 | 1256 | 0.5000 | 0.5726 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 89 | 585 | 2.50 | 3.02 | |
| 23 Iodomethane | 142 | 2.263 | 2.263 | 0.000 | 92 | 1091 | 0.5000 | 0.3897 | |
| 24 Isopropyl alcohol | 45 | 2.286 | 2.286 | 0.000 | 71 | 926 | 5.00 | 6.45 | |
| 25 Carbon disulfide | 76 | 2.320 | 2.320 | 0.000 | 98 | 3950 | 0.5000 | 0.5232 | |
| 26 Acetonitrile | 38 | 2.411 | 2.411 | 0.000 | 80 | 864 | 5.00 | 5.30 | a |
| 27 3-Chloro-1-propene | 76 | 2.423 | 2.423 | 0.000 | 91 | 716 | 0.5000 | 0.4834 | a |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 20 | 1226 | 1.00 | 0.9079 | Ma |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 45 | 2815 | 0.5000 | 0.5335 | |
| 30 Methylene Chloride | 84 | 2.514 | 2.503 | 0.011 | 87 | 1602 | 0.5000 | 0.5776 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 212427 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 97 | 1305 | 5.00 | 5.33 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.697 | 2.685 | 0.012 | 87 | 3747 | 5.00 | 4.48 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.720 | 2.720 | 0.000 | 82 | 1710 | 0.5000 | 0.6695 | |
| 35 Methyl tert-butyl ether | 73 | 2.731 | 2.720 | 0.011 | 95 | 4179 | 0.5000 | 0.5012 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 88 | 1726 | 0.5000 | 0.6400 | |
| 37 1,1-Dichloroethane | 63 | 3.051 | 3.051 | 0.000 | 98 | 2930 | 0.5000 | 0.5954 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 99 | 424 | 1.00 | 0.9103 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 84 | 5148 | 0.5000 | 0.5354 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.142 | 3.131 | 0.011 | 92 | 1304 | 0.5000 | 0.5297 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 91 | 4395 | 0.5000 | 0.4892 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 297459 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 86 | 1603 | 0.5000 | 0.5715 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 78 | 543 | 0.5000 | 0.5563 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 79 | 803 | 2.50 | 2.51 | |
| 42 Propionitrile | 54 | 3.622 | 3.610 | 0.012 | 56 | 1785 | 5.00 | 5.29 | |
| 47 Ethyl acetate | 43 | 3.633 | 3.622 | 0.011 | 98 | 3695 | 1.00 | 1.21 | |
| 48 Methyl acrylate | 55 | 3.667 | 3.656 | 0.011 | 97 | 1785 | 0.5000 | 0.5553 | a |
| 50 Methacrylonitrile | 67 | 3.759 | 3.759 | 0.000 | 93 | 6281 | 5.00 | 5.18 | |
| 49 Chlorobromomethane | 128 | 3.759 | 3.759 | 0.000 | 45 | 790 | 0.5000 | 0.6242 | |
| 51 Tetrahydrofuran | 42 | 3.827 | 3.816 | 0.011 | 1 | 1432 | 1.00 | 2.04 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 93 | 2596 | 0.5000 | 0.5553 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 96 | 84058 | 50.0 | 48.0 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 94 | 2230 | 0.5000 | 0.5625 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 90 | 1663 | 0.5000 | 0.5262 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 88 | 2181 | 0.5000 | 0.5803 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 75 | 1545 | 0.5000 | 0.5196 | |
| 61 Isobutyl alcohol | 43 | 4.307 | 4.307 | 0.000 | 28 | 2104 | 12.5 | 16.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 125504 | 50.0 | 49.4 | |
| 59 Benzene | 78 | 4.386 | 4.375 | 0.011 | 94 | 6405 | 0.5000 | 0.5802 | |
| 60 1,2-Dichloroethane | 62 | 4.398 | 4.398 | 0.000 | 90 | 2231 | 0.5000 | 0.5694 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 67 | 3828 | 0.5000 | 0.5098 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 91 | 473 | 0.5000 | 0.4478 | a |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 82 | 4139 | 0.5000 | 0.5037 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 98 | 518515 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 36 | 1200 | 0.5000 | 0.5447 | |
| 68 n-Butanol | 56 | 5.026 | 5.014 | 0.012 | 80 | 1571 | 12.5 | 16.7 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 89 | 1611 | 0.5000 | 0.5461 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 96 | 2061 | 0.5000 | 0.5470 | |
| 70 Methylcyclohexane | 83 | 5.288 | 5.277 | 0.011 | 84 | 1516 | 0.5000 | 0.5099 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 93 | 1755 | 0.5000 | 0.5711 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 33259 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 22 | 936 | 0.5000 | 0.5651 | |
| 75 Methyl methacrylate | 100 | 5.471 | 5.471 | 0.000 | 85 | 819 | 1.00 | 0.99 | |
| 74 1,4-Dioxane | 88 | 5.482 | 5.482 | 0.000 | 40 | 956 | 25.0 | 25.6 | |
| 76 n-Propyl acetate | 43 | 5.562 | 5.562 | 0.000 | 98 | 2567 | 0.5000 | 0.5761 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 95 | 2007 | 0.5000 | 0.5534 | |
| 78 2-Nitropropane | 41 | 5.905 | 5.916 | -0.011 | 38 | 1413 | 1.00 | 1.07 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.030 | 6.030 | 0.000 | 82 | 690 | 0.5012 | 0.3773 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 97 | 3685 | 10.0 | 10.8 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.190 | 6.190 | 0.000 | 92 | 2141 | 0.5000 | 0.4612 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 97 | 7183 | 2.50 | 2.51 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 98 | 388612 | 50.0 | 48.9 | |
| 84 Toluene | 91 | 6.613 | 6.613 | 0.000 | 94 | 7959 | 0.5000 | 0.6360 | |

| 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 | 6.921 | 6.921 | 0.000 | 92 | 2679 | 0.5000 | 0.5870 | |
| 86 Ethyl methacrylate | 69 | 7.092 | 7.092 | 0.000 | 86 | 2158 | 0.5000 | 0.5705 | |
| 87 1,1,2-Trichloroethane | 83 | 7.161 | 7.161 | 0.000 | 81 | 1371 | 0.5000 | 0.6204 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 81 | 1206 | 0.5000 | 0.5219 | |
| 89 1,3-Dichloropropane | 76 | 7.389 | 7.389 | 0.000 | 90 | 2561 | 0.5000 | 0.5570 | |
| 90 2-Hexanone | 43 | 7.549 | 7.549 | 0.000 | 95 | 4734 | 2.50 | 2.40 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 88 | 1109 | 0.5000 | 0.4822 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 99 | 2529 | 0.5000 | 0.5744 | |
| 93 Ethylene Dibromide | 107 | 7.834 | 7.834 | 0.000 | 98 | 1086 | 0.5000 | 0.4510 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 89 | 390967 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.576 | 8.576 | 0.000 | 92 | 4098 | 0.5000 | 0.5669 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.713 | 8.713 | 0.000 | 89 | 1080 | 0.5000 | 0.4891 | |
| 97 Ethylbenzene | 106 | 8.771 | 8.771 | 0.000 | 98 | 2177 | 0.5000 | 0.5648 | |
| 98 m-Xylene & p-Xylene | 106 | 8.965 | 8.965 | 0.000 | 0 | 2271 | 0.5000 | 0.5143 | |
| 99 o-Xylene | 106 | 9.558 | 9.570 | -0.012 | 93 | 2346 | 0.5000 | 0.5287 | |
| 100 Styrene | 104 | 9.593 | 9.593 | 0.000 | 98 | 4281 | 0.5000 | 0.5430 | |
| 101 n-Butyl acrylate | 73 | 9.615 | 9.615 | 0.000 | 97 | 797 | 0.5000 | 0.4359 | |
| 102 Bromoform | 173 | 9.832 | 9.832 | 0.000 | 88 | 770 | 0.5000 | 0.5019 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.004 | 10.004 | 0.000 | 91 | 2356 | 0.5000 | 0.5623 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 96 | 5729 | 0.5000 | 0.5532 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 83 | 104712 | 50.0 | 48.9 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 92 | 1521 | 0.5000 | 0.5384 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 95 | 1854 | 0.5000 | 0.5523 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 59 | 1871 | 0.5000 | 0.6334 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 9 | 837 | 0.5000 | 0.5559 | |
| 110 N-Propylbenzene | 91 | 10.848 | 10.860 | -0.012 | 98 | 6281 | 0.5000 | 0.5666 | |
| 111 2-Chlorotoluene | 91 | 10.951 | 10.940 | 0.011 | 94 | 4706 | 0.5000 | 0.6016 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 97 | 4892 | 0.5000 | 0.5638 | |
| 113 4-Chlorotoluene | 91 | 11.122 | 11.134 | -0.012 | 97 | 4983 | 0.5000 | 0.5698 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.157 | 11.168 | -0.011 | 91 | 3850 | 0.5000 | 0.5632 | |
| 115 Butyl Methacrylate | 87 | 11.374 | 11.374 | 0.000 | 88 | 914 | 0.5000 | 0.4165 | |
| 116 tert-Butylbenzene | 119 | 11.579 | 11.579 | 0.000 | 92 | 3032 | 0.5000 | 0.5358 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.625 | 11.636 | -0.011 | 97 | 4100 | 0.5000 | 0.5688 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 98 | 4233 | 0.5000 | 0.5383 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 87 | 2400 | 0.5000 | 0.5155 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 98 | 186634 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.979 | 0.000 | 94 | 3139 | 0.5000 | 0.5032 | |
| 121 1,4-Dichlorobenzene | 146 | 11.979 | 11.979 | 0.000 | 67 | 2199 | 0.5000 | 0.4674 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 97 | 4180 | 0.5000 | 0.5469 | |
| 124 Benzyl chloride | 126 | 12.127 | 12.116 | 0.011 | 71 | 703 | 0.5000 | 0.5852 | |
| 125 2,3-Dihydroindene | 117 | 12.218 | 12.218 | 0.000 | 95 | 4269 | 0.5000 | 0.4994 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 94 | 2288 | 0.5000 | 0.4981 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 93 | 1991 | 0.5000 | 0.5558 | |
| 128 n-Butylbenzene | 92 | 12.333 | 12.333 | 0.000 | 94 | 1360 | 0.5000 | 0.4693 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 97 | 4530 | 0.5000 | 0.6399 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.903 | 12.903 | 0.000 | 35 | 259 | 0.5000 | 0.4112 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 93 | 1393 | 0.5000 | 0.5961 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 89 | 1228 | 0.5000 | 0.5400 | |
| 133 Hexachlorobutadiene | 225 | 13.543 | 13.543 | 0.000 | 1 | 374 | 0.5000 | 0.4811 | |
| 134 Naphthalene | 128 | 13.577 | 13.577 | 0.000 | 99 | 5181 | 0.5000 | 0.6357 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 88 | 1272 | 0.5000 | 0.5884 | Ma |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1.00 | 1.24 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 1.00 | 1.04 | |
| S 139 Total BTEX | 1 | | | | 0 | | 2.50 | 2.82 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00558 | Amount Added: | 5.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 5.00 | Units: uL | |
| 8260MIX1COMB_00179 | Amount Added: | 5.00 | Units: uL | |
| 14DIOXINTER_00162 | Amount Added: | 15.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 22-Nov-2023 14:41:22 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d

Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12 Operator ID:

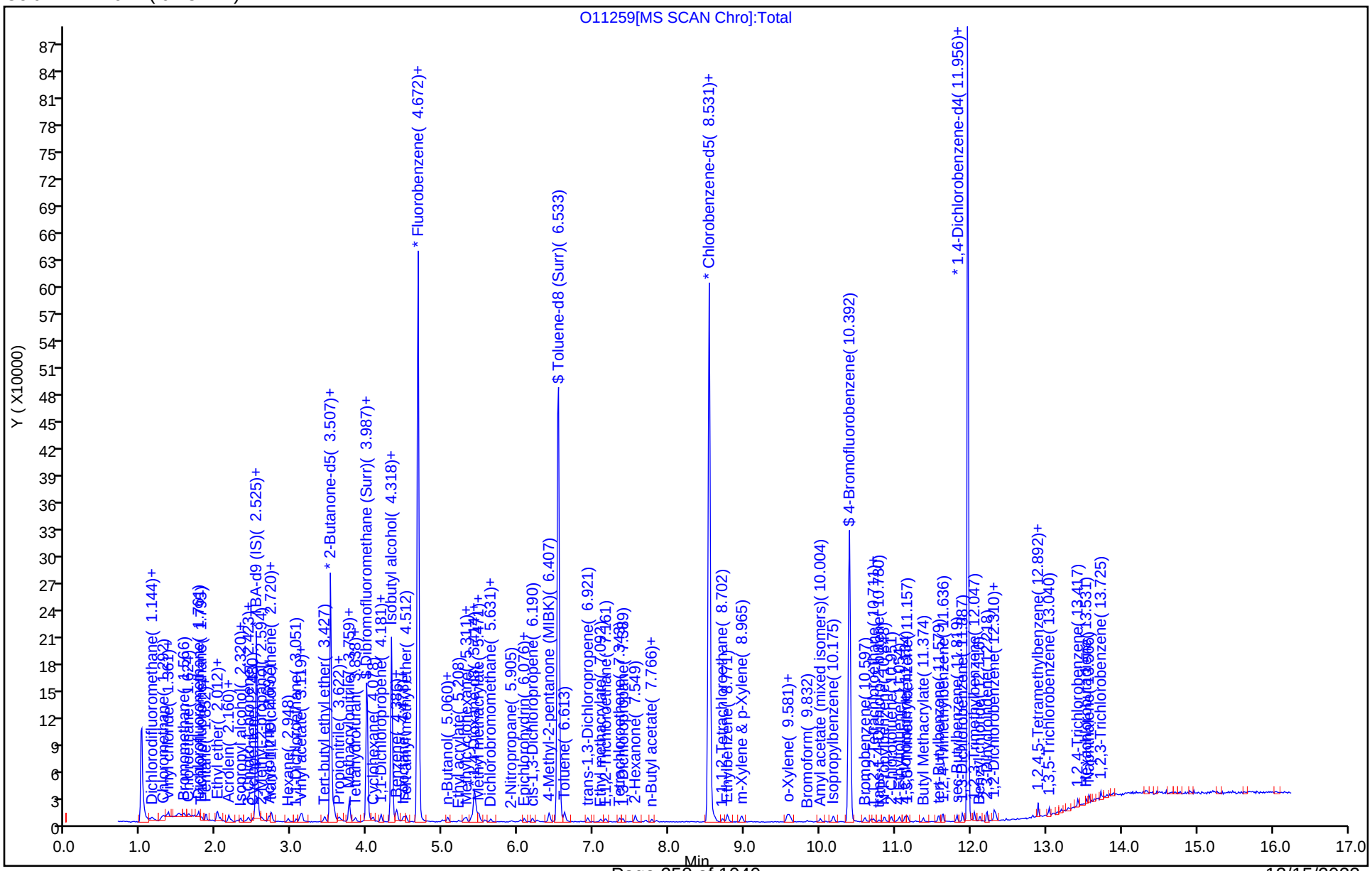
Lims ID: STD05 Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Eurofins Edison

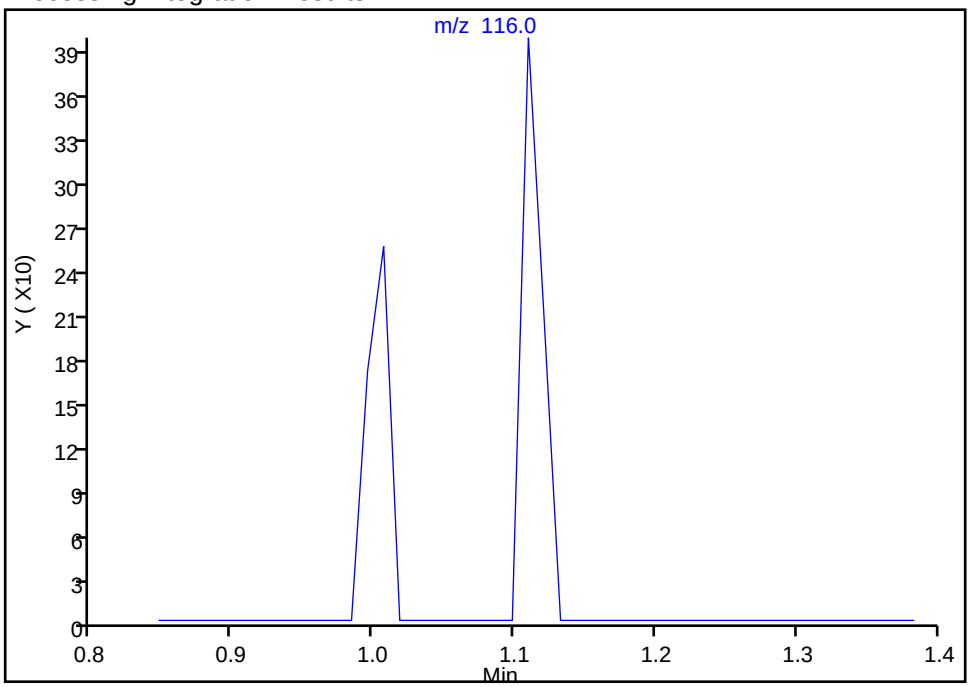
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

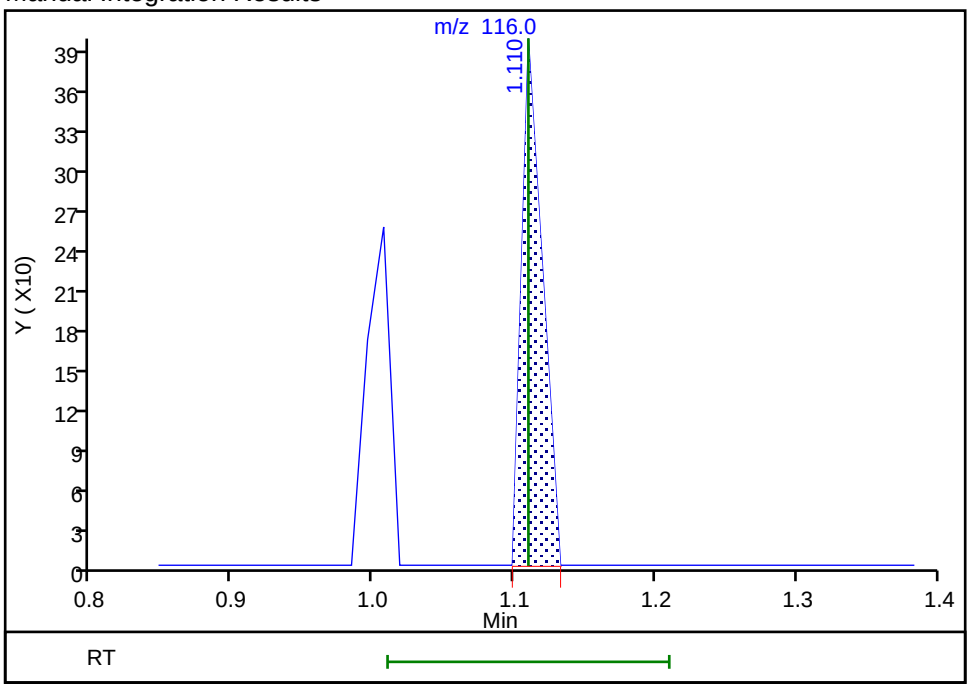
Not Detected
Expected RT: 1.11

Processing Integration Results




Manual Integration Results

RT: 1.11
Area: 410
Amount: 0.569534
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:10:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

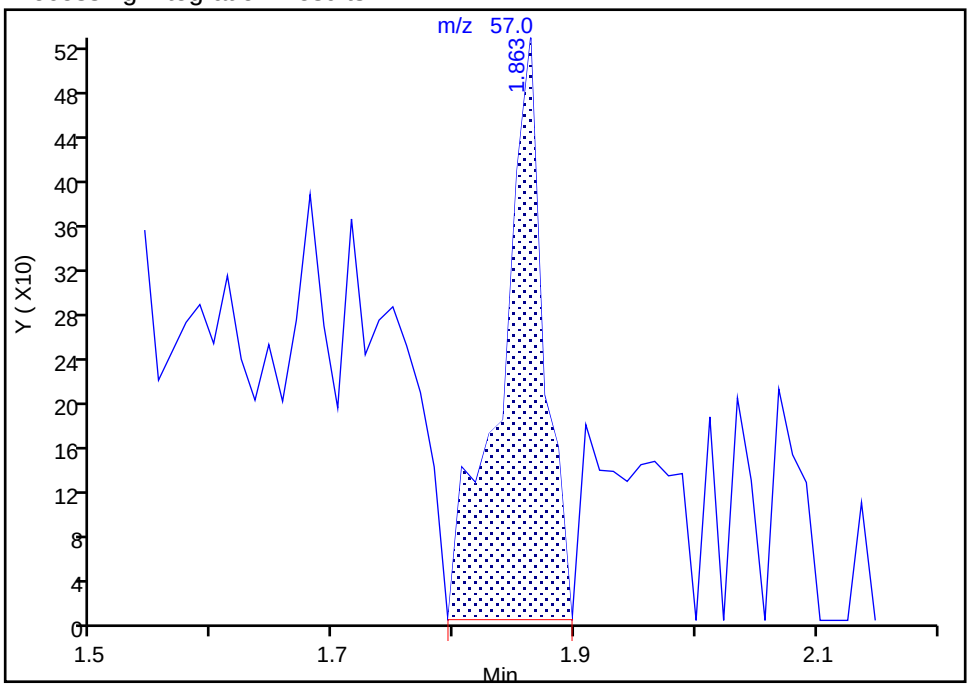
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 Pentane, CAS: 109-66-0

Signal: 1

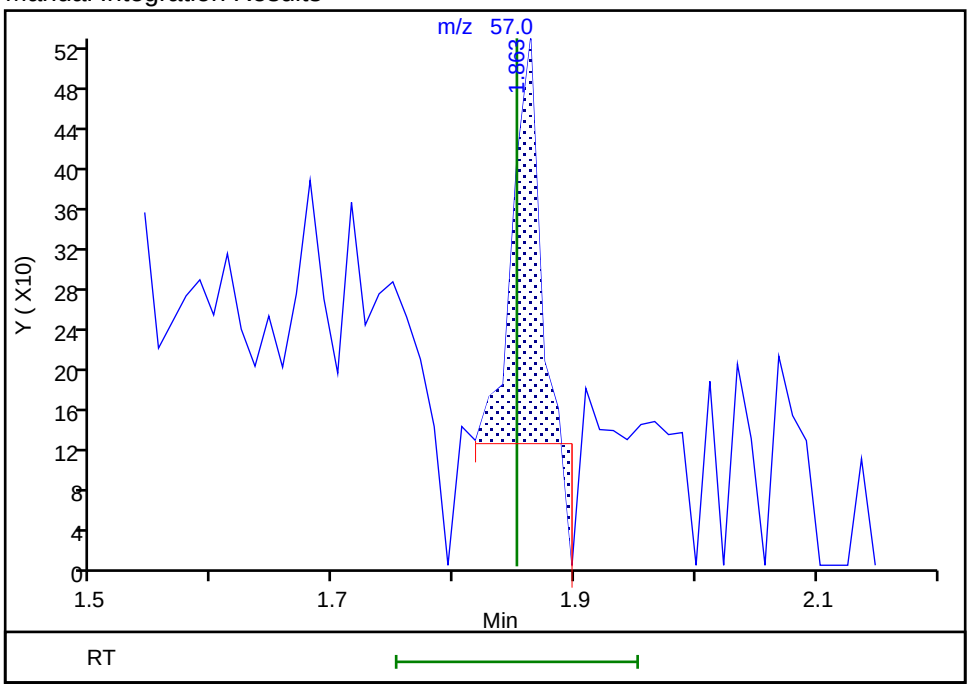
Processing Integration Results

RT: 1.86
Area: 1299
Amount: 2.650204
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 536
Amount: 0.945826
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 13:48:03 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

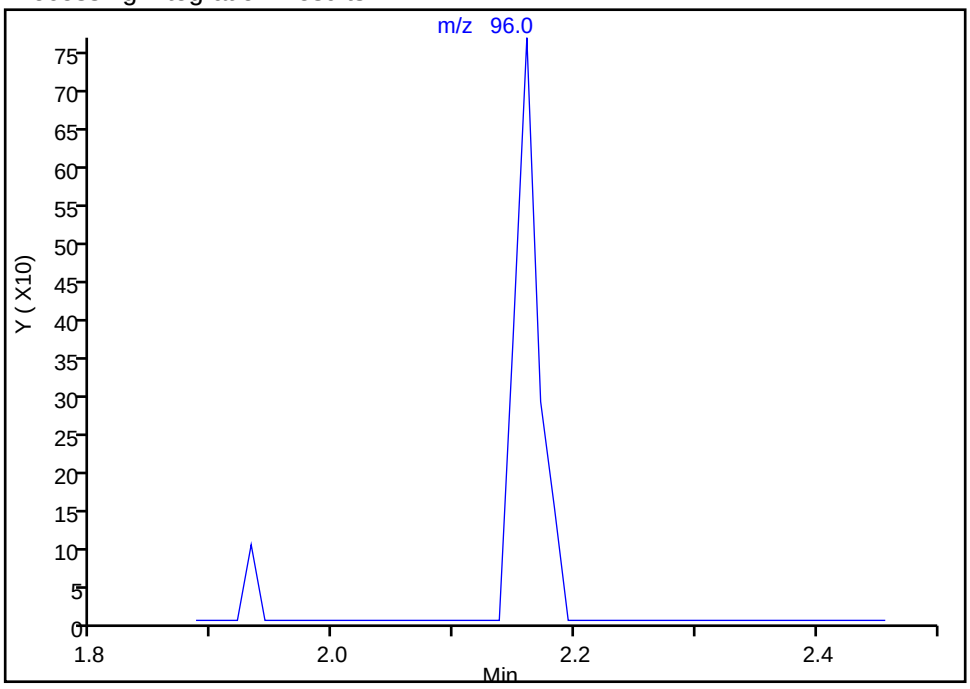
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 20 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

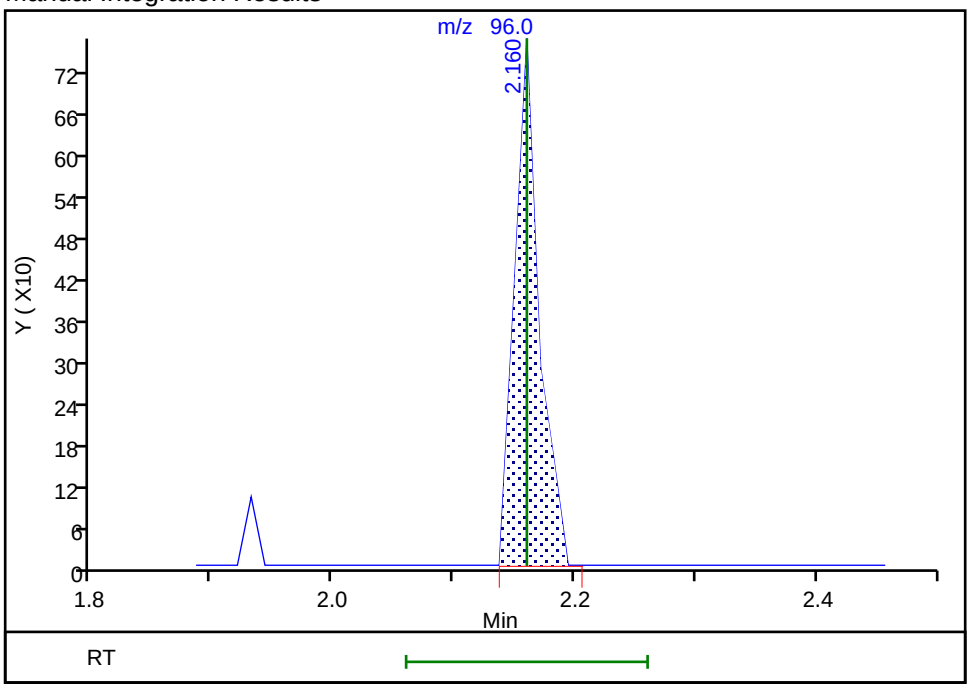
Not Detected
Expected RT: 2.16

Processing Integration Results




Manual Integration Results

RT: 2.16
Area: 1082
Amount: 0.523595
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:09:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

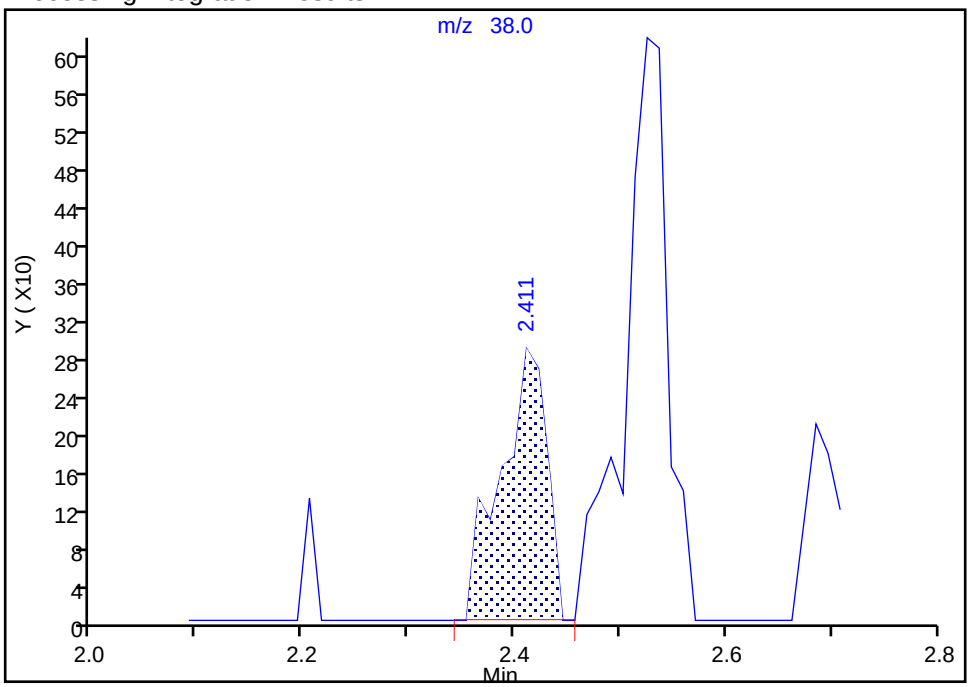
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 26 Acetonitrile, CAS: 75-05-8

Signal: 1

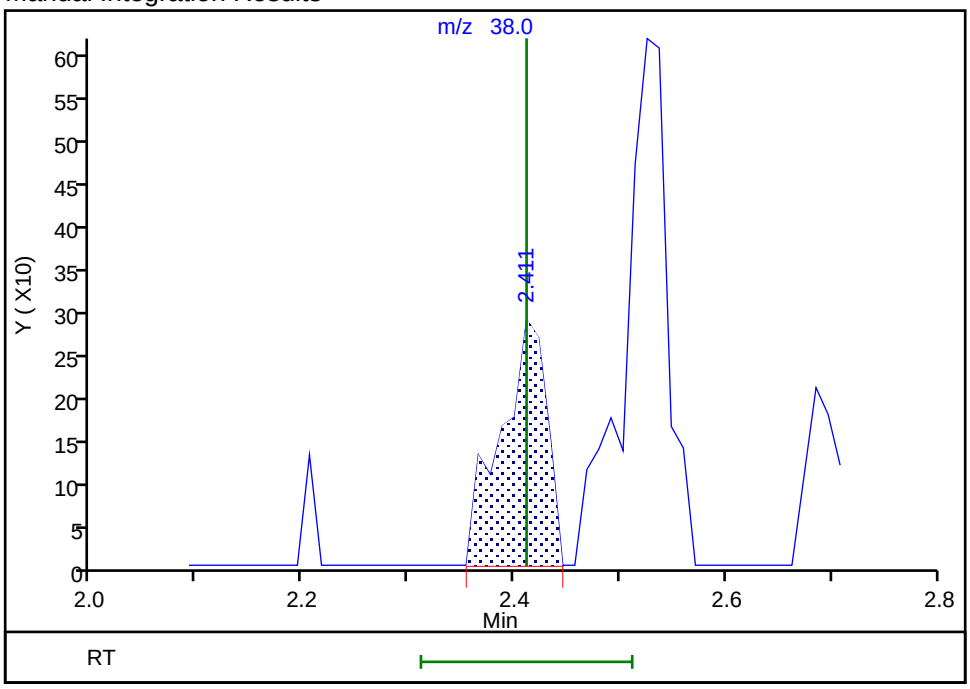
Processing Integration Results

RT: 2.41
Area: 864
Amount: 9.158011
Amount Units: ug/l




Manual Integration Results

RT: 2.41
Area: 864
Amount: 5.299278
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:56:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

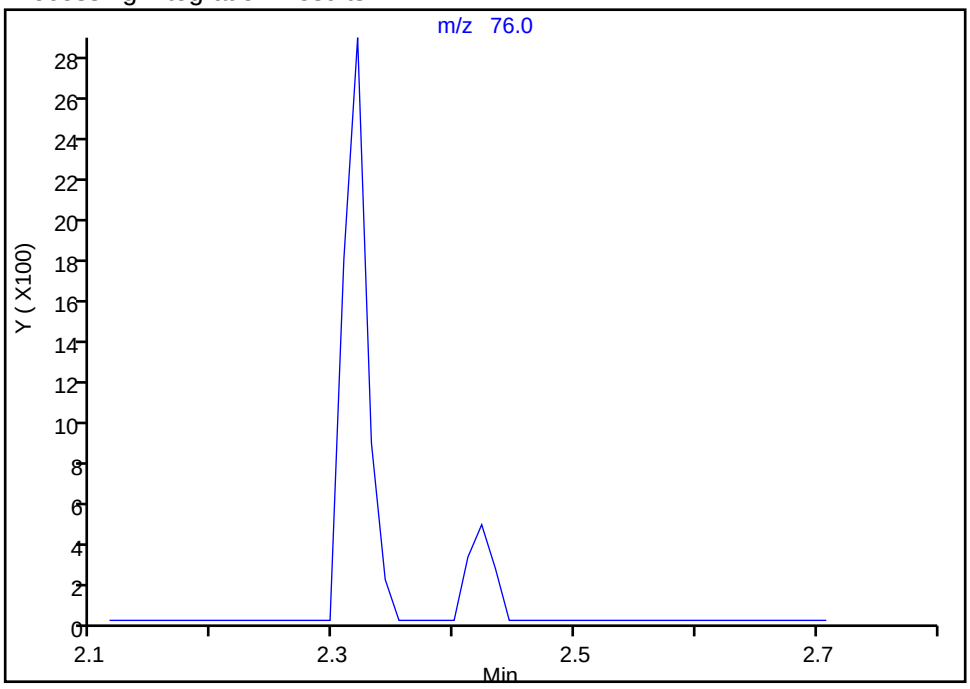
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

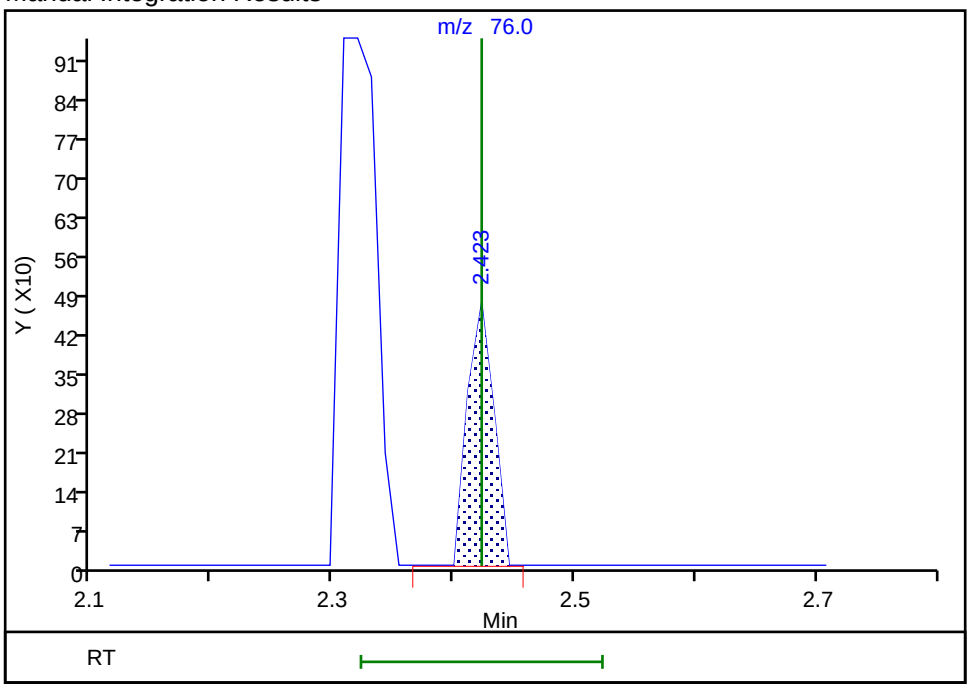
Not Detected
Expected RT: 2.42

Processing Integration Results




Manual Integration Results

RT: 2.42
Area: 716
Amount: 0.483415
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:09:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins Edison

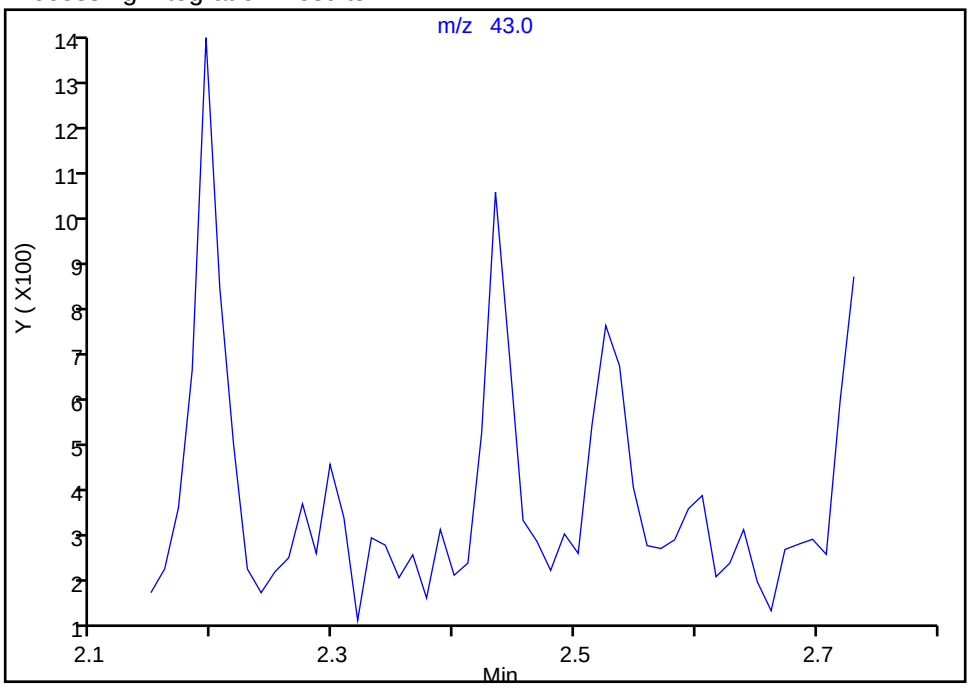
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 28 Methyl acetate, CAS: 79-20-9

Signal: 1

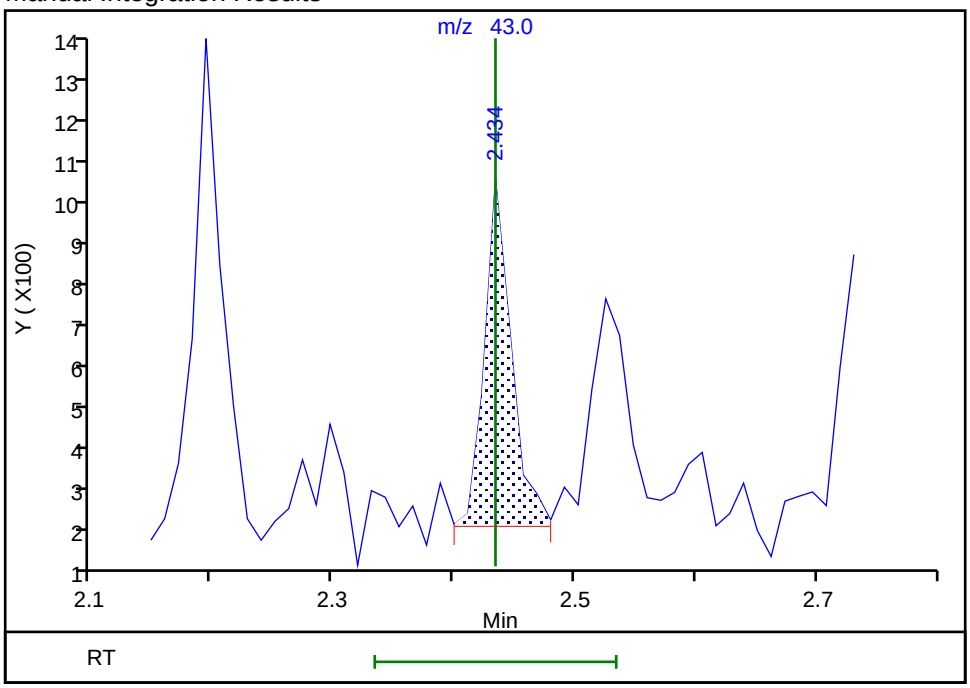
Not Detected
Expected RT: 2.43

Processing Integration Results




Manual Integration Results

RT: 2.43
Area: 1226
Amount: 0.907884
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:09:27 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

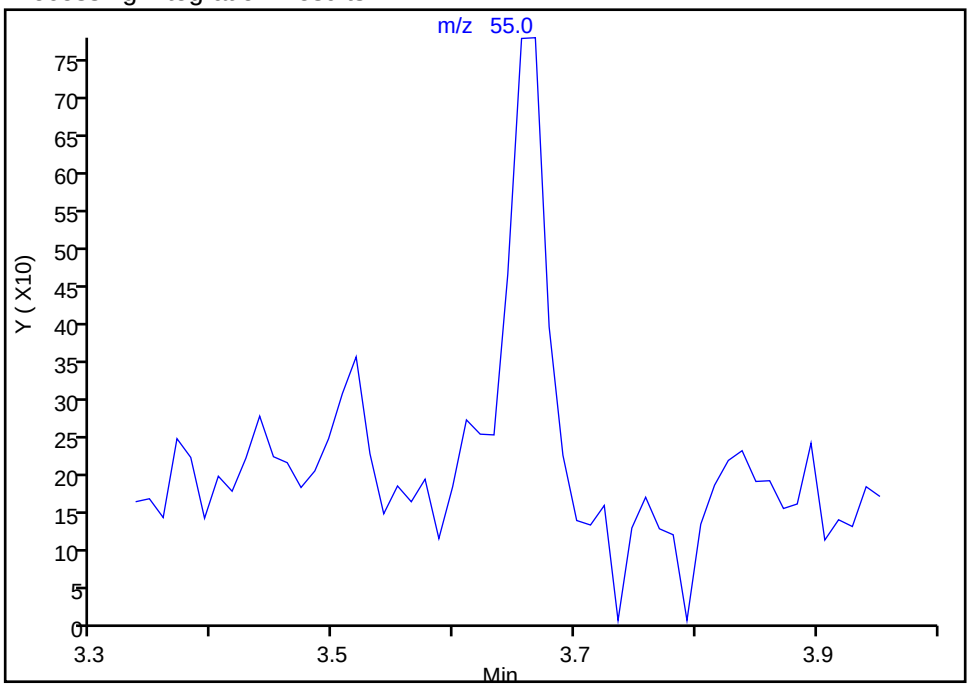
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 48 Methyl acrylate, CAS: 96-33-3

Signal: 1

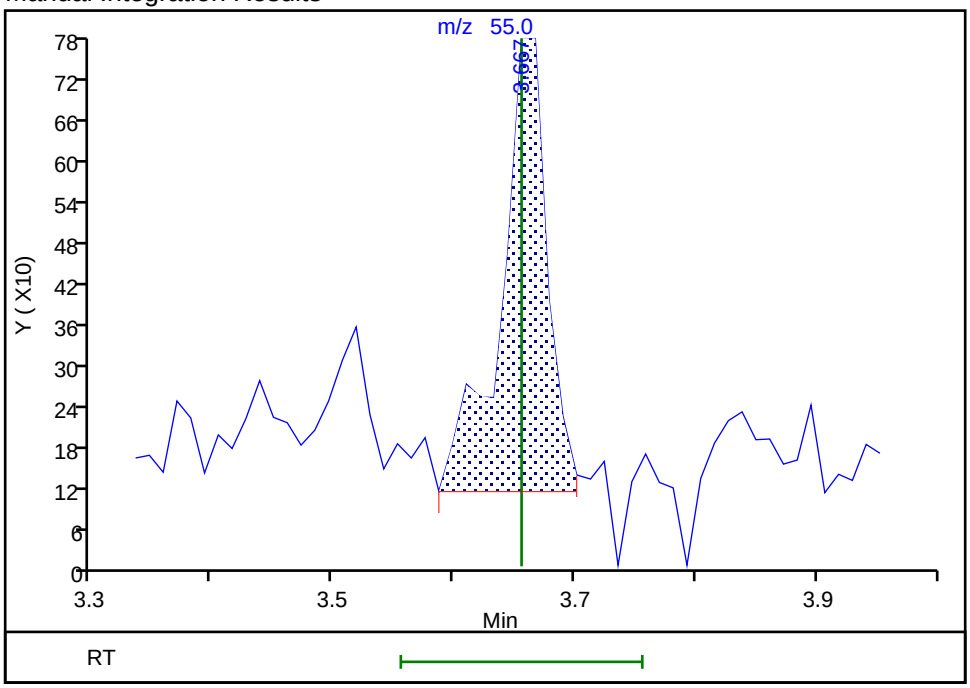
Not Detected
Expected RT: 3.66

Processing Integration Results




Manual Integration Results

RT: 3.67
Area: 1785
Amount: 0.555251
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:10:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins Edison

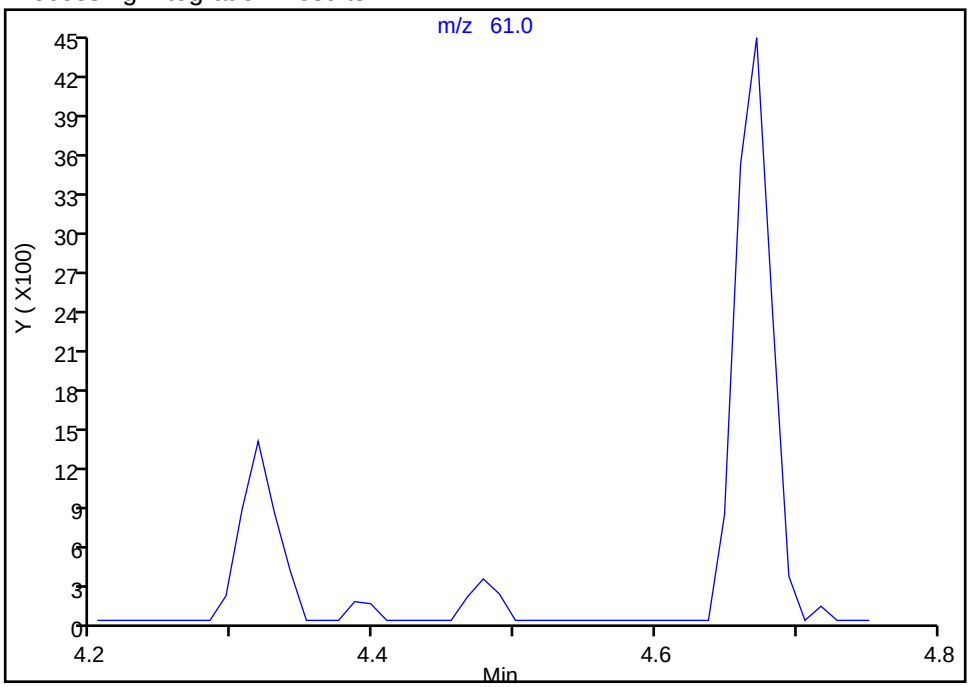
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

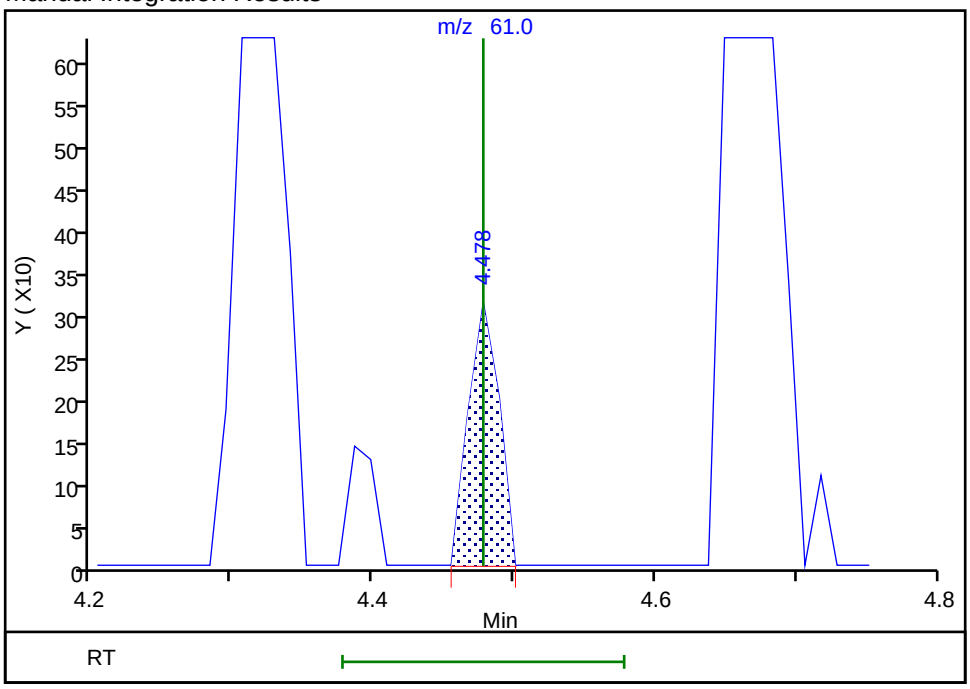
Not Detected
Expected RT: 4.48

Processing Integration Results




Manual Integration Results

RT: 4.48
Area: 473
Amount: 0.447780
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:10:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

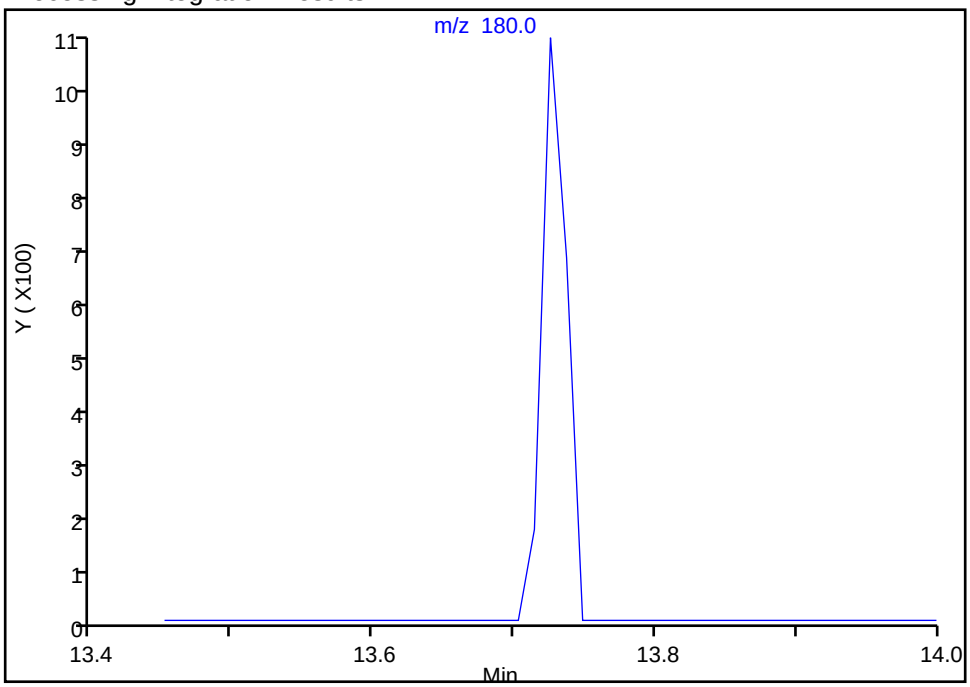
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11259.d
Injection Date: 22-Nov-2023 10:03:30 Instrument ID: CVOAMS12
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

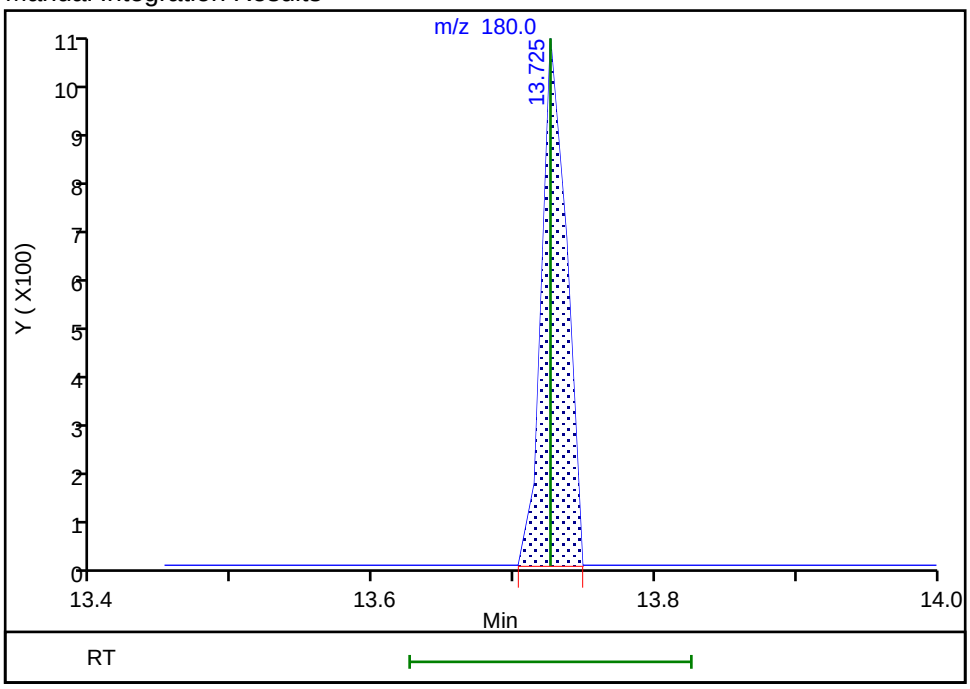
Not Detected
Expected RT: 13.73

Processing Integration Results




Manual Integration Results

RT: 13.73
Area: 1272
Amount: 0.588351
Amount Units: ug/l




Reviewer: NN6A, 22-Nov-2023 11:10:49 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

## Calibration / Chlorotrifluoroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

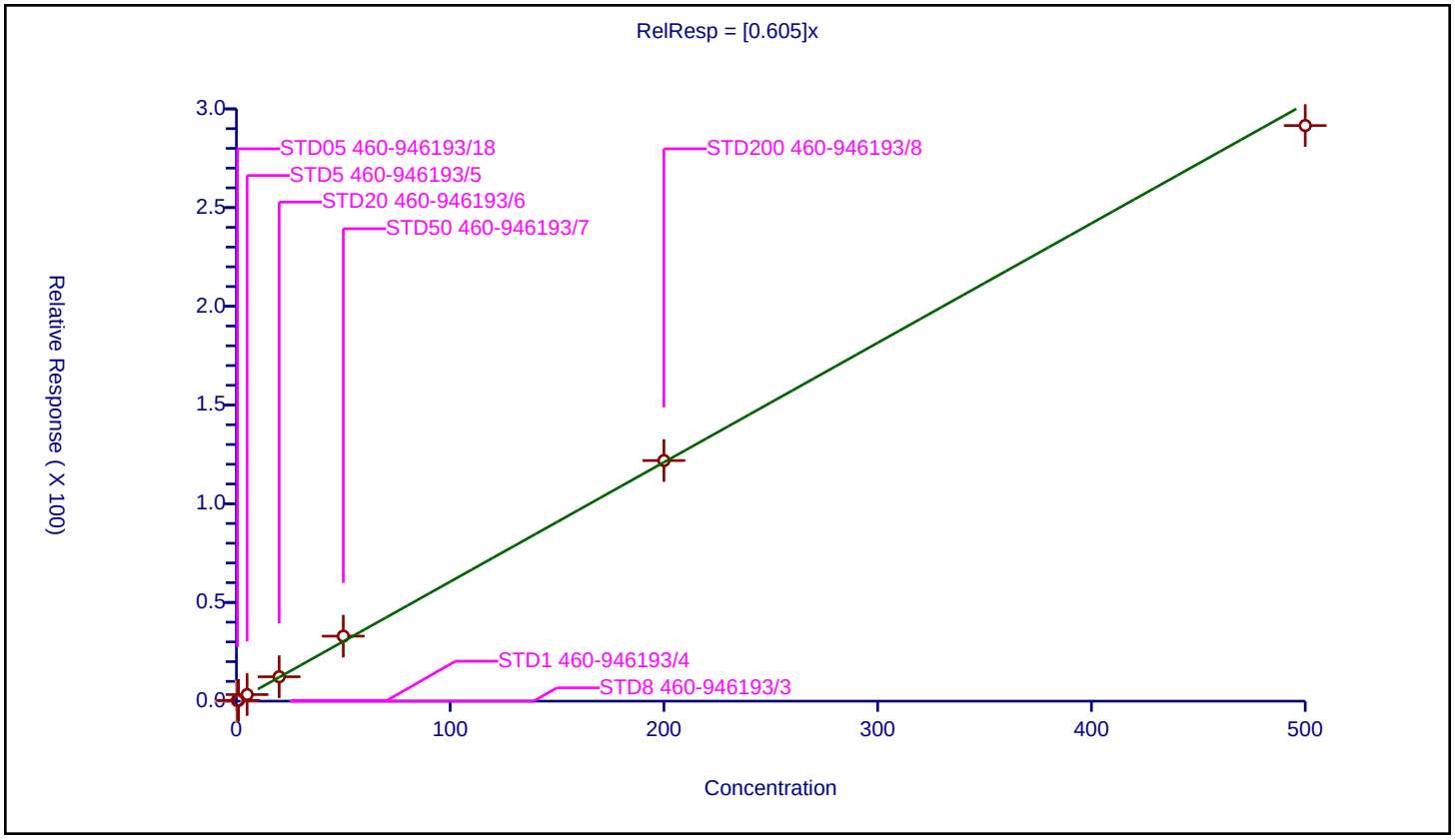
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.605 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 163000 |
| **Relative Standard Error:** | 15.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.972 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 250.0 | 305900.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.344585 | 250.0 | 297459.0 | 0.689171 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.411839 | 250.0 | 296232.0 | 0.411839 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.329369 | 250.0 | 297654.0 | 0.665874 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 12.348742 | 250.0 | 287175.0 | 0.617437 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 32.919836 | 250.0 | 292263.0 | 0.658397 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 121.879135 | 250.0 | 294710.0 | 0.609396 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 291.550877 | 250.0 | 316666.0 | 0.583102 | Y |



## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

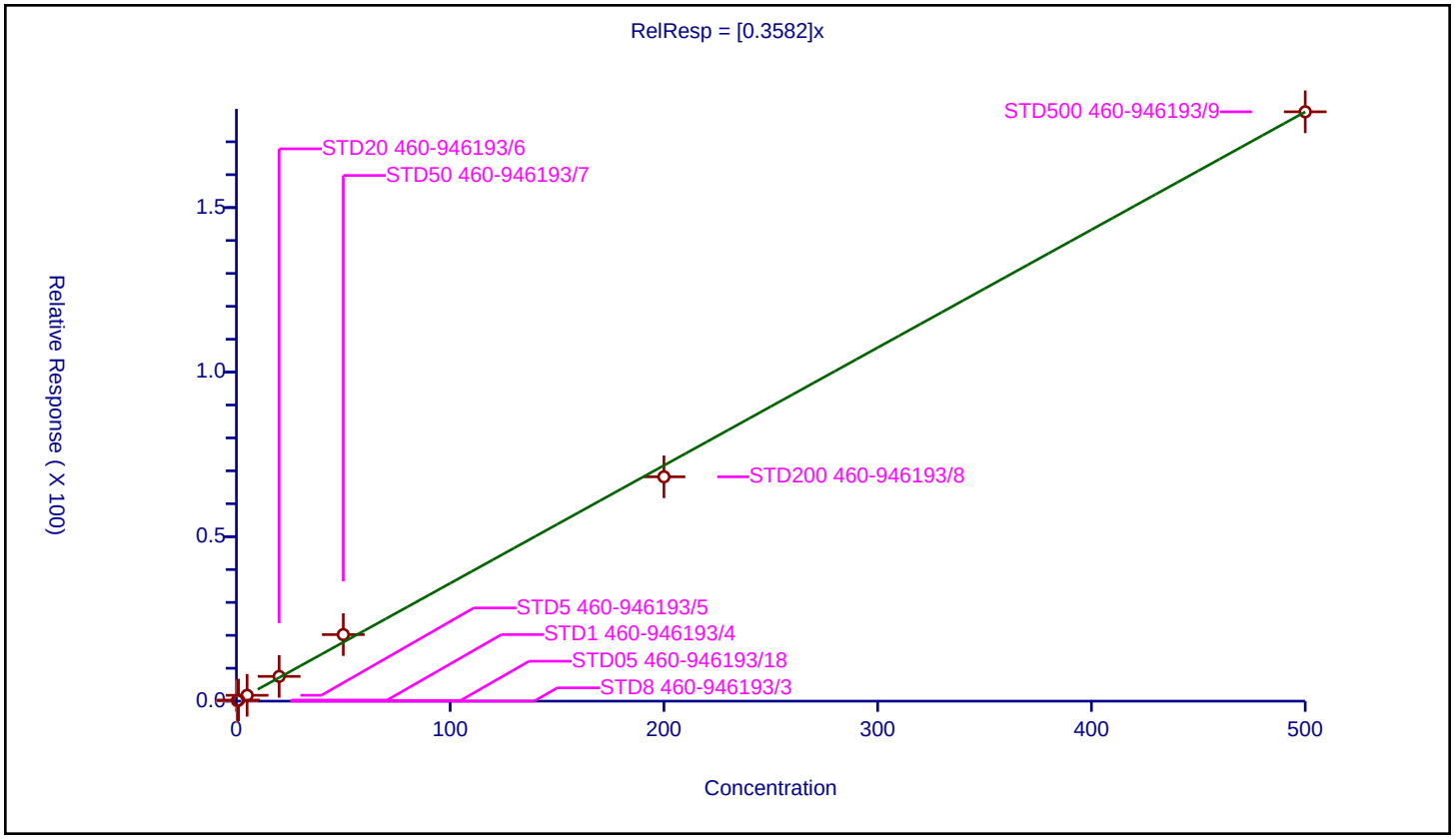
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3582 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 820000 |
| **Relative Standard Error:** | 7.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.25 | 0.0 | 50.0 | 523229.0 | 0.0 | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.172512 | 50.0 | 518515.0 | 0.345024 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.327929 | 50.0 | 510019.0 | 0.327929 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.772699 | 50.0 | 508039.0 | 0.35454 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 7.522032 | 50.0 | 507682.0 | 0.376102 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 20.226173 | 50.0 | 498070.0 | 0.404523 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 68.181195 | 50.0 | 510808.0 | 0.340906 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 179.120276 | 50.0 | 522107.0 | 0.358241 | Y |






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## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | None |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

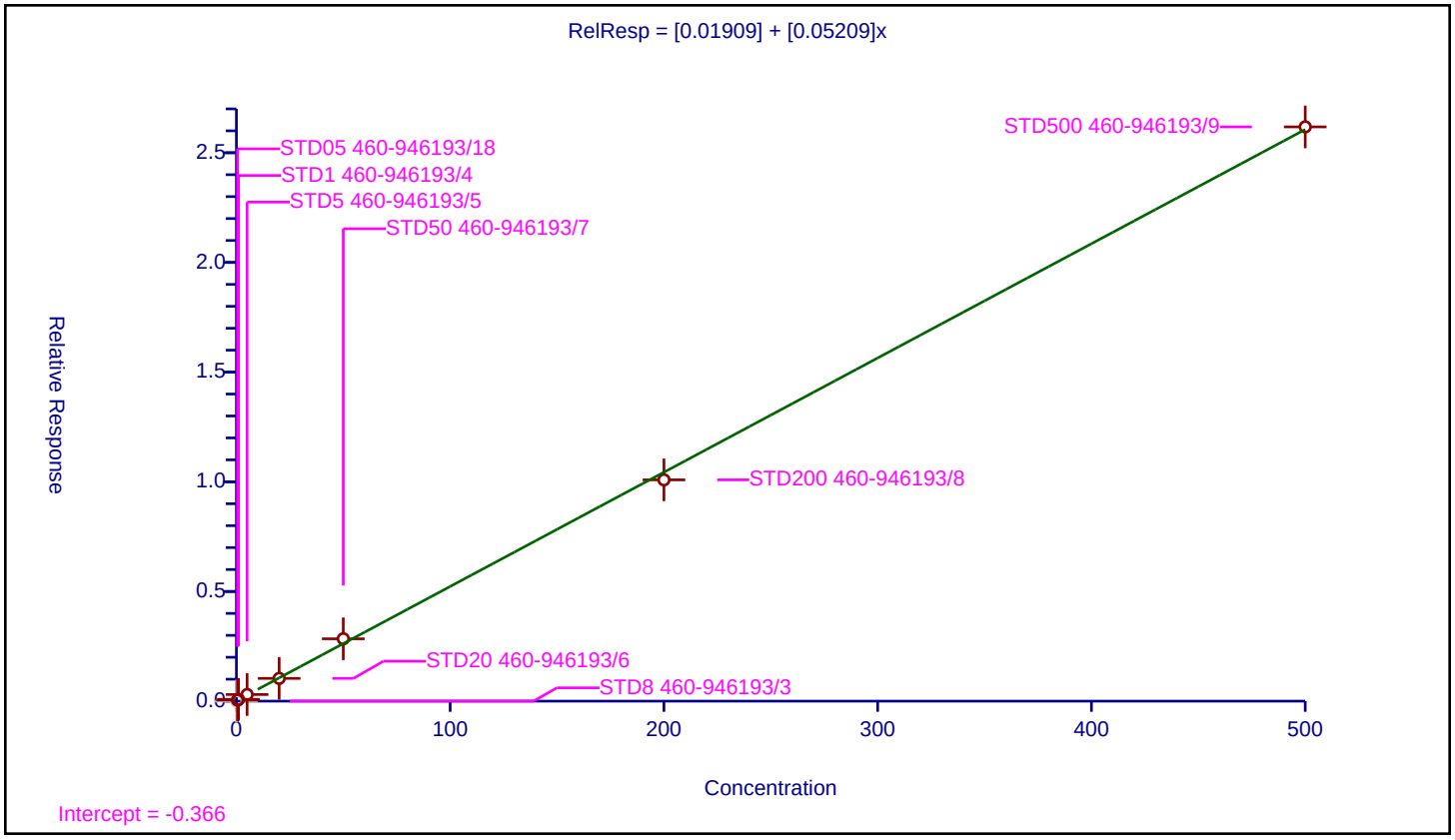
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.01909 |
| **Slope:** | 0.05209 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 131000 |
| **Relative Standard Error:** | 11.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.046672 | 50.0 | 518515.0 | 0.093343 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.081762 | 50.0 | 510019.0 | 0.081762 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.301158 | 50.0 | 508039.0 | 0.060232 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 1.037953 | 50.0 | 507682.0 | 0.051898 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 2.842271 | 50.0 | 498070.0 | 0.056845 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 10.088331 | 50.0 | 510808.0 | 0.050442 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 26.1795 | 50.0 | 522107.0 | 0.052359 | Y |






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## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

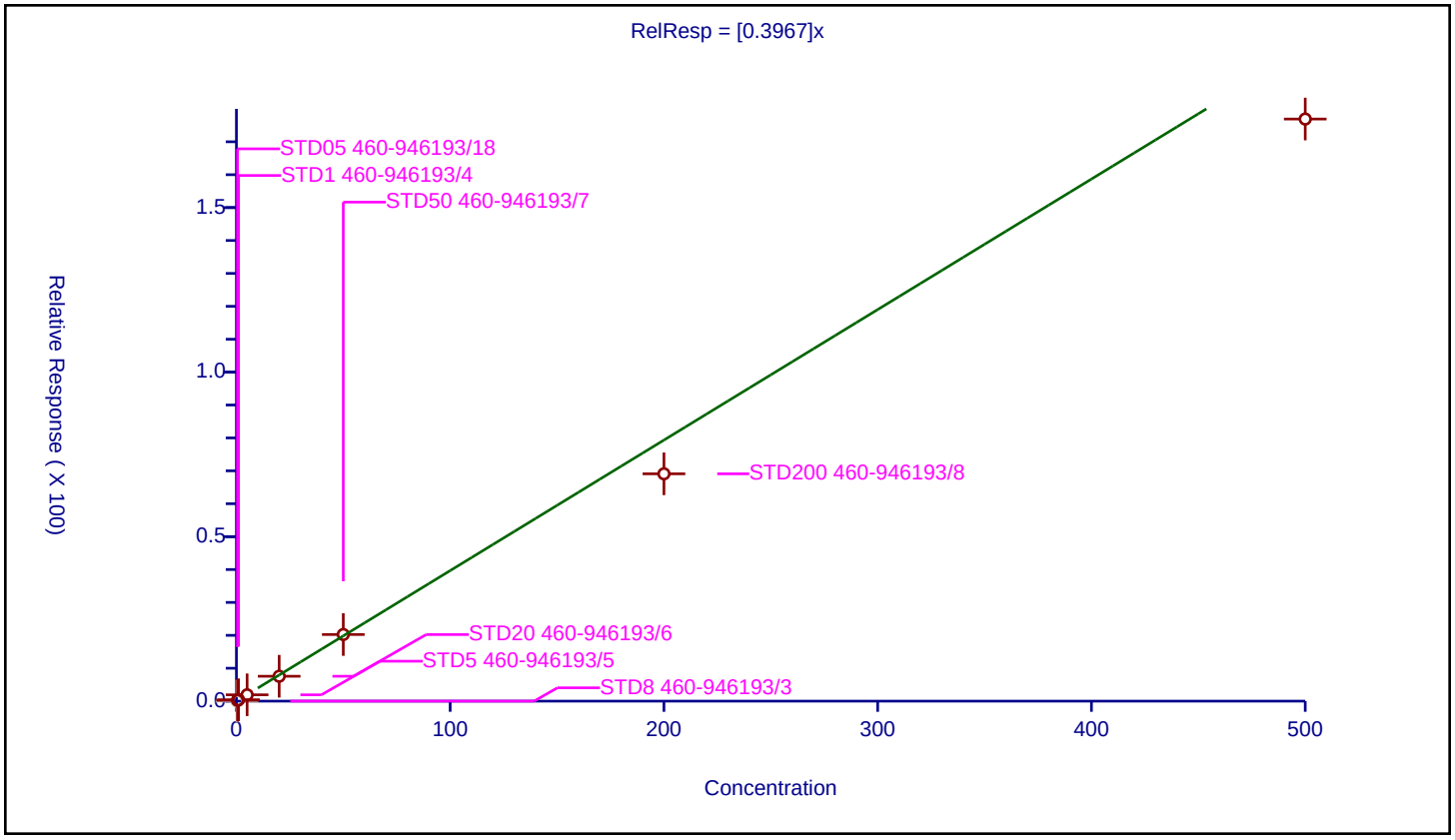
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3967 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 812000 |
| **Relative Standard Error:** | 13.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.976 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.25 | 0.0 | 50.0 | 523229.0 | 0.0 | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.250234 | 50.0 | 518515.0 | 0.500468 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.409887 | 50.0 | 510019.0 | 0.409887 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.919735 | 50.0 | 508039.0 | 0.383947 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 7.564479 | 50.0 | 507682.0 | 0.378224 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 20.251772 | 50.0 | 498070.0 | 0.405035 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 69.092105 | 50.0 | 510808.0 | 0.345461 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 176.915268 | 50.0 | 522107.0 | 0.353831 | Y |






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## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

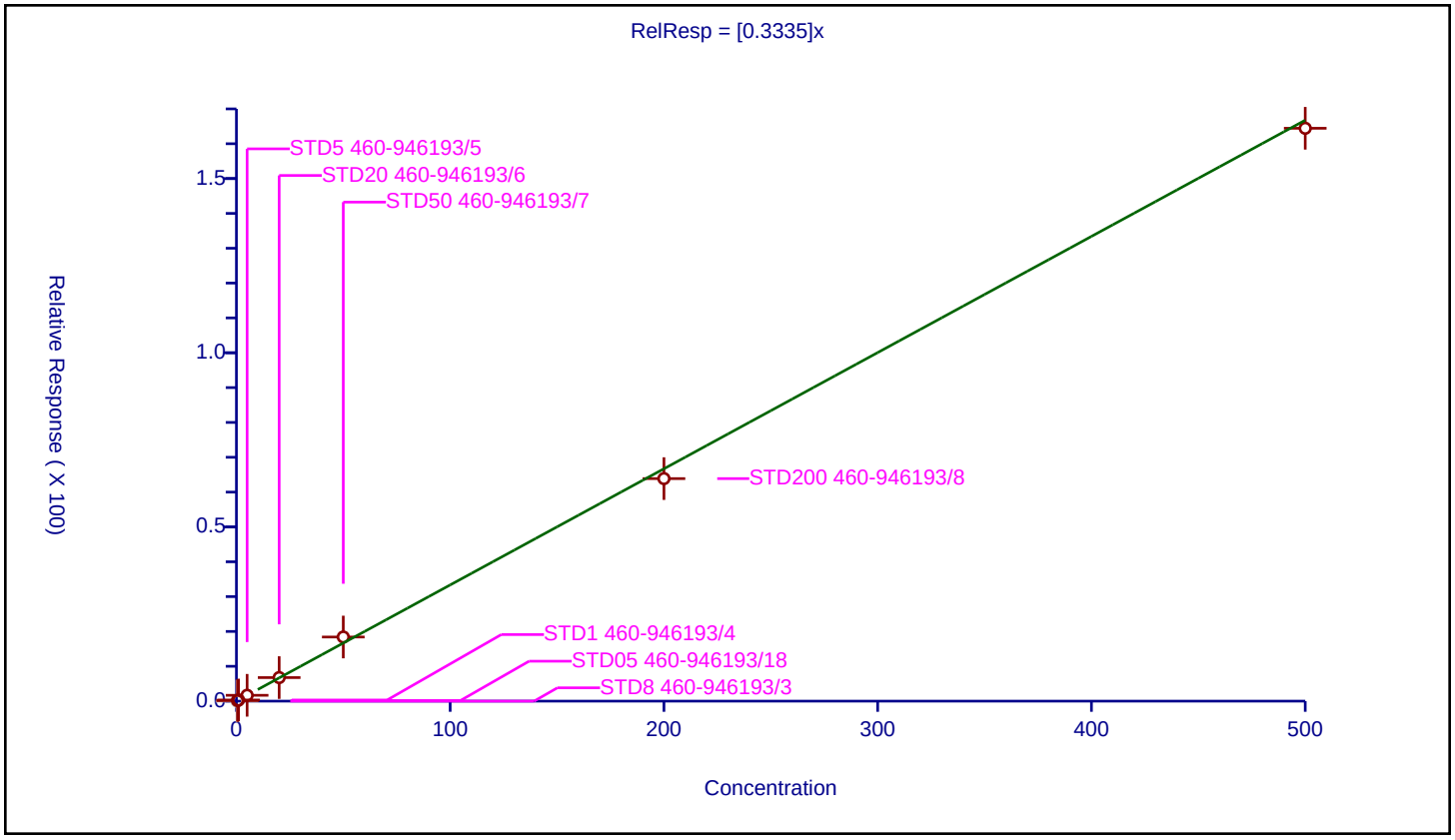
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3335 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 754000 |
| **Relative Standard Error:** | 5.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.25 | 0.0 | 50.0 | 523229.0 | 0.0 | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.161133 | 50.0 | 518515.0 | 0.322266 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.321361 | 50.0 | 510019.0 | 0.321361 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.680875 | 50.0 | 508039.0 | 0.336175 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 6.76516 | 50.0 | 507682.0 | 0.338258 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 18.408959 | 50.0 | 498070.0 | 0.368179 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 63.881928 | 50.0 | 510808.0 | 0.31941 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 164.43095 | 50.0 | 522107.0 | 0.328862 | Y |






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## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

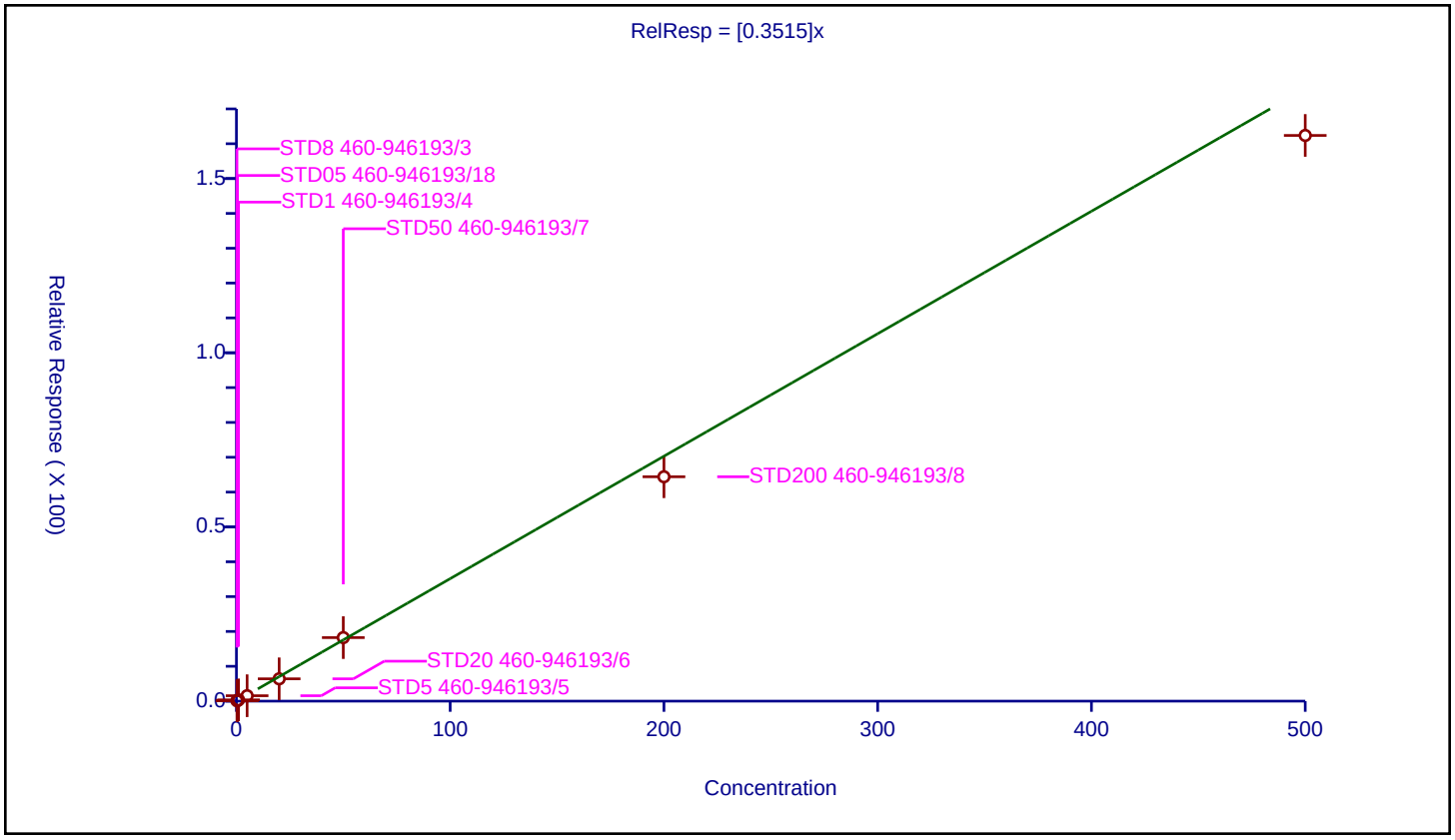
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3515 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 691000 |
| **Relative Standard Error:** | 12.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.977 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.25 | 0.111328 | 50.0 | 523229.0 | 0.445312 | Y |
| 2 | STD05 460-946193/18 | 0.5 | 0.18148 | 50.0 | 518515.0 | 0.36296 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.360869 | 50.0 | 510019.0 | 0.360869 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.556475 | 50.0 | 508039.0 | 0.311295 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 6.406963 | 50.0 | 507682.0 | 0.320348 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 18.239404 | 50.0 | 498070.0 | 0.364788 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 64.404042 | 50.0 | 510808.0 | 0.32202 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 162.374283 | 50.0 | 522107.0 | 0.324749 | Y |



## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

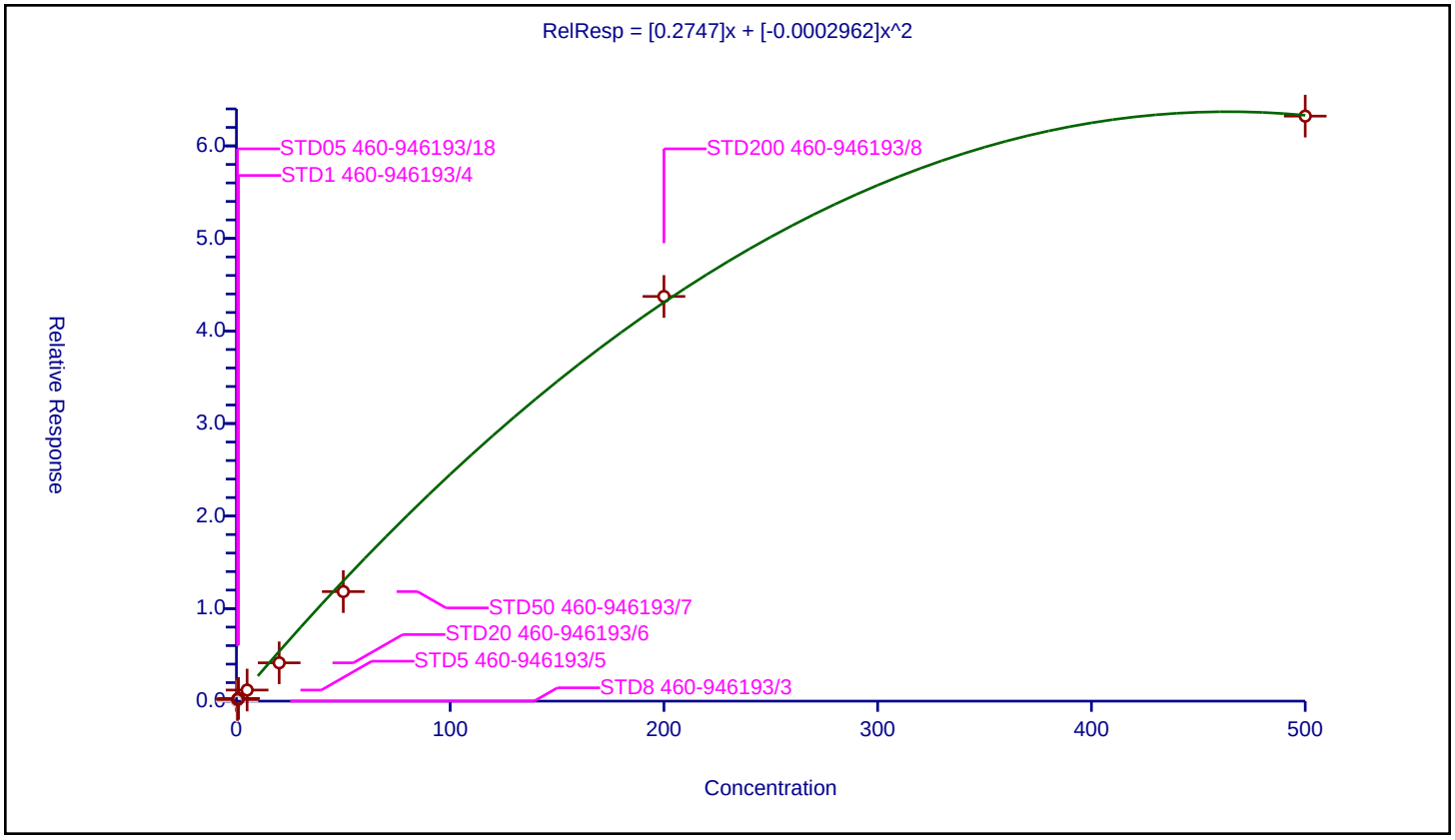
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2747 |
| **Second Order:** | -0.0002962 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 361000 |
| **Relative Standard Error:** | 20.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.25 | 0.0 | 50.0 | 523229.0 | 0.0 | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.179358 | 50.0 | 518515.0 | 0.358717 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.290872 | 50.0 | 510019.0 | 0.290872 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.199022 | 50.0 | 508039.0 | 0.239804 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.140289 | 50.0 | 507682.0 | 0.207014 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 11.837292 | 50.0 | 498070.0 | 0.236746 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 43.731206 | 50.0 | 510808.0 | 0.218656 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 63.219512 | 50.0 | 522107.0 | 0.126439 | Y |






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## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

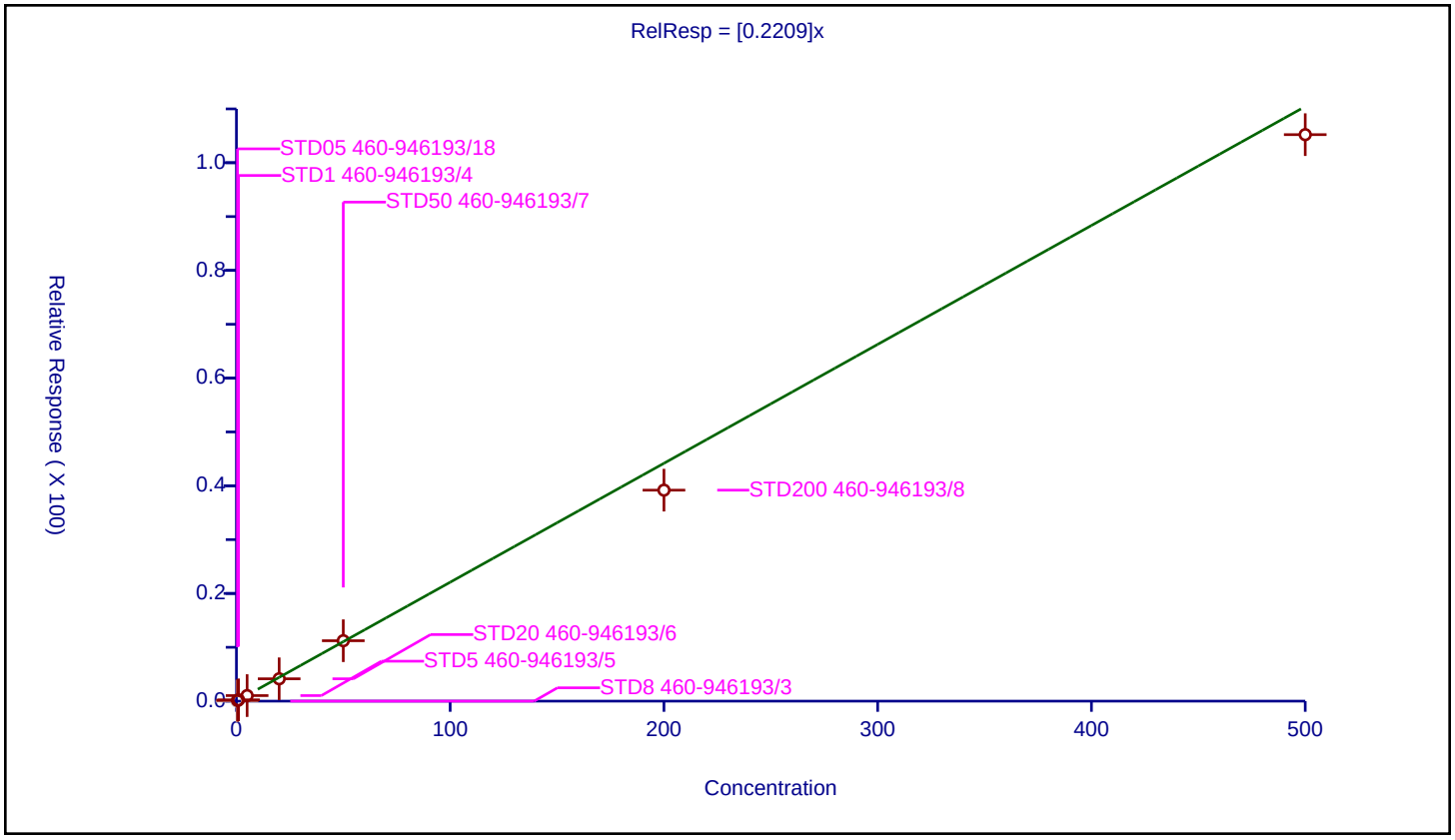
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2209 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 480000 |
| **Relative Standard Error:** | 10.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.25 | 0.0 | 50.0 | 523229.0 | 0.0 | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.130854 | 50.0 | 518515.0 | 0.261709 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.239991 | 50.0 | 510019.0 | 0.239991 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.029842 | 50.0 | 508039.0 | 0.205968 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.15191 | 50.0 | 507682.0 | 0.207596 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 11.223121 | 50.0 | 498070.0 | 0.224462 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 39.188208 | 50.0 | 510808.0 | 0.195941 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 105.217034 | 50.0 | 522107.0 | 0.210434 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

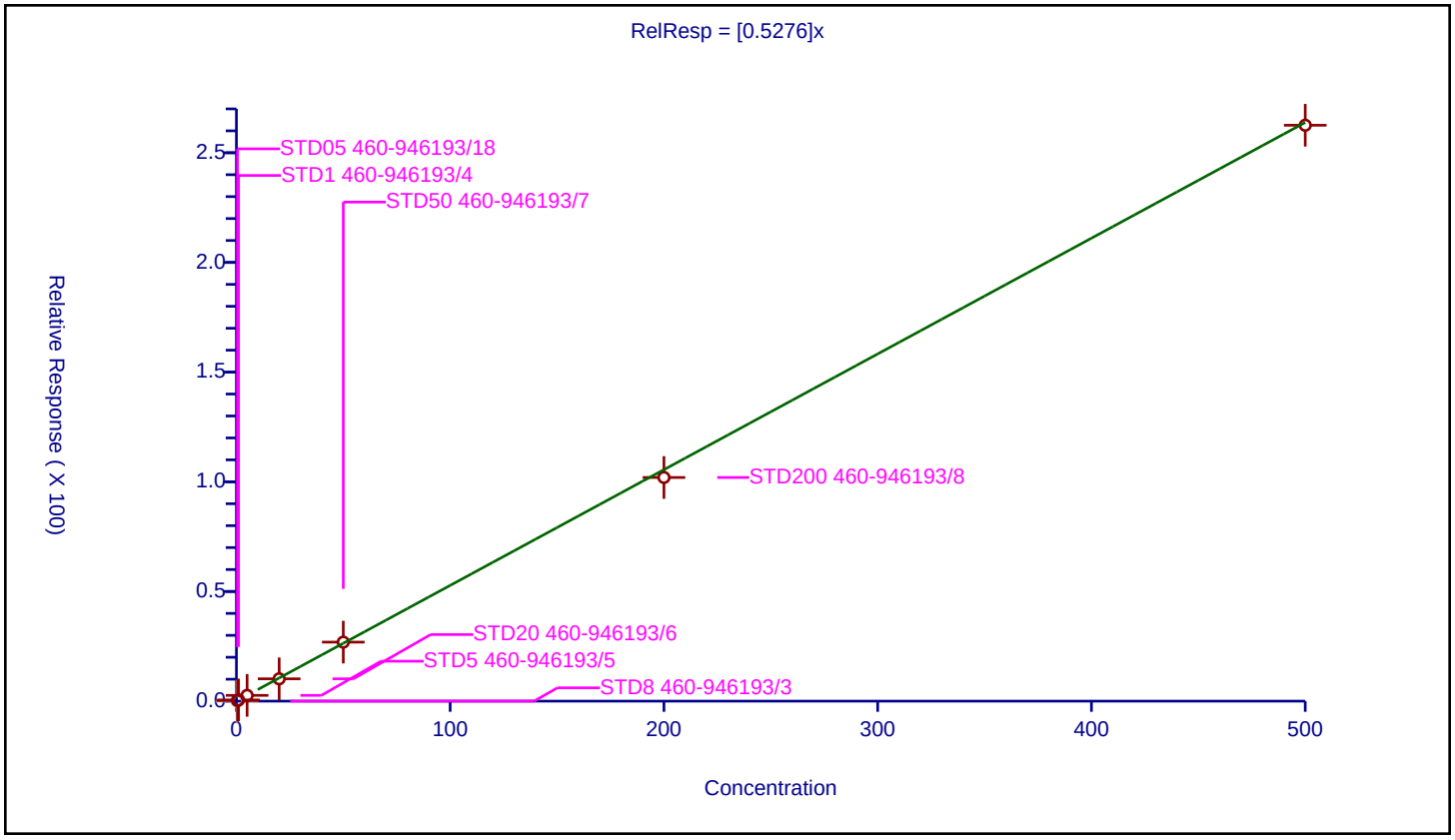
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5276 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1200000 |
| **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 | STD8 460-946193/3 | 0.25 | 0.0 | 50.0 | 523229.0 | 0.0 | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.270002 | 50.0 | 518515.0 | 0.540004 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.545862 | 50.0 | 510019.0 | 0.545862 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.627259 | 50.0 | 508039.0 | 0.525452 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 10.179108 | 50.0 | 507682.0 | 0.508955 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 26.904652 | 50.0 | 498070.0 | 0.538093 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 101.968058 | 50.0 | 510808.0 | 0.50984 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 262.538905 | 50.0 | 522107.0 | 0.525078 | Y |



## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

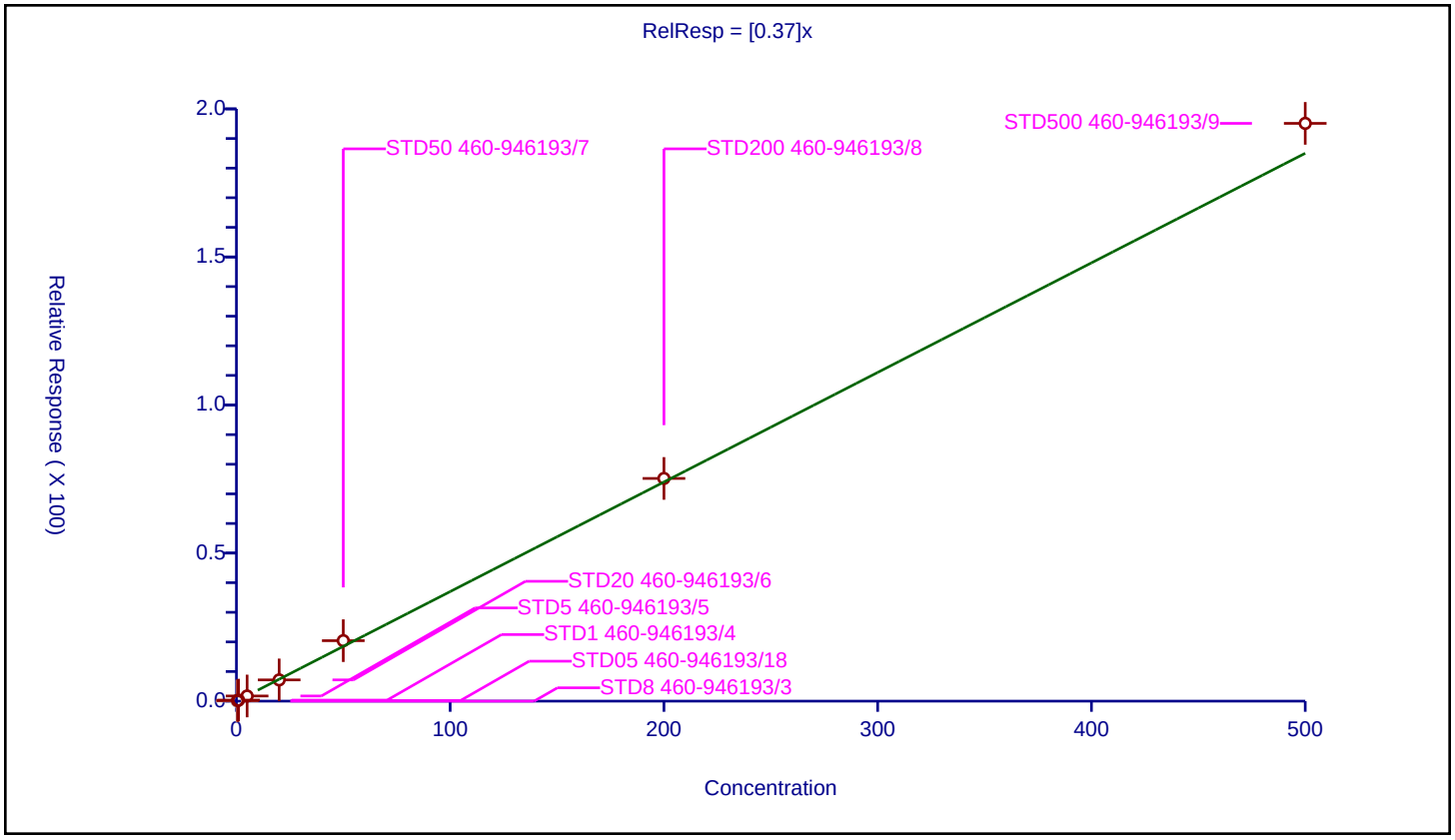
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.37 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 893000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.25 | 0.0 | 50.0 | 523229.0 | 0.0 | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.181287 | 50.0 | 518515.0 | 0.362574 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.346556 | 50.0 | 510019.0 | 0.346556 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.738449 | 50.0 | 508039.0 | 0.34769 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 7.17388 | 50.0 | 507682.0 | 0.358694 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 20.417813 | 50.0 | 498070.0 | 0.408356 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 75.203697 | 50.0 | 510808.0 | 0.376018 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 195.104069 | 50.0 | 522107.0 | 0.390208 | Y |






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## Calibration / Pentane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

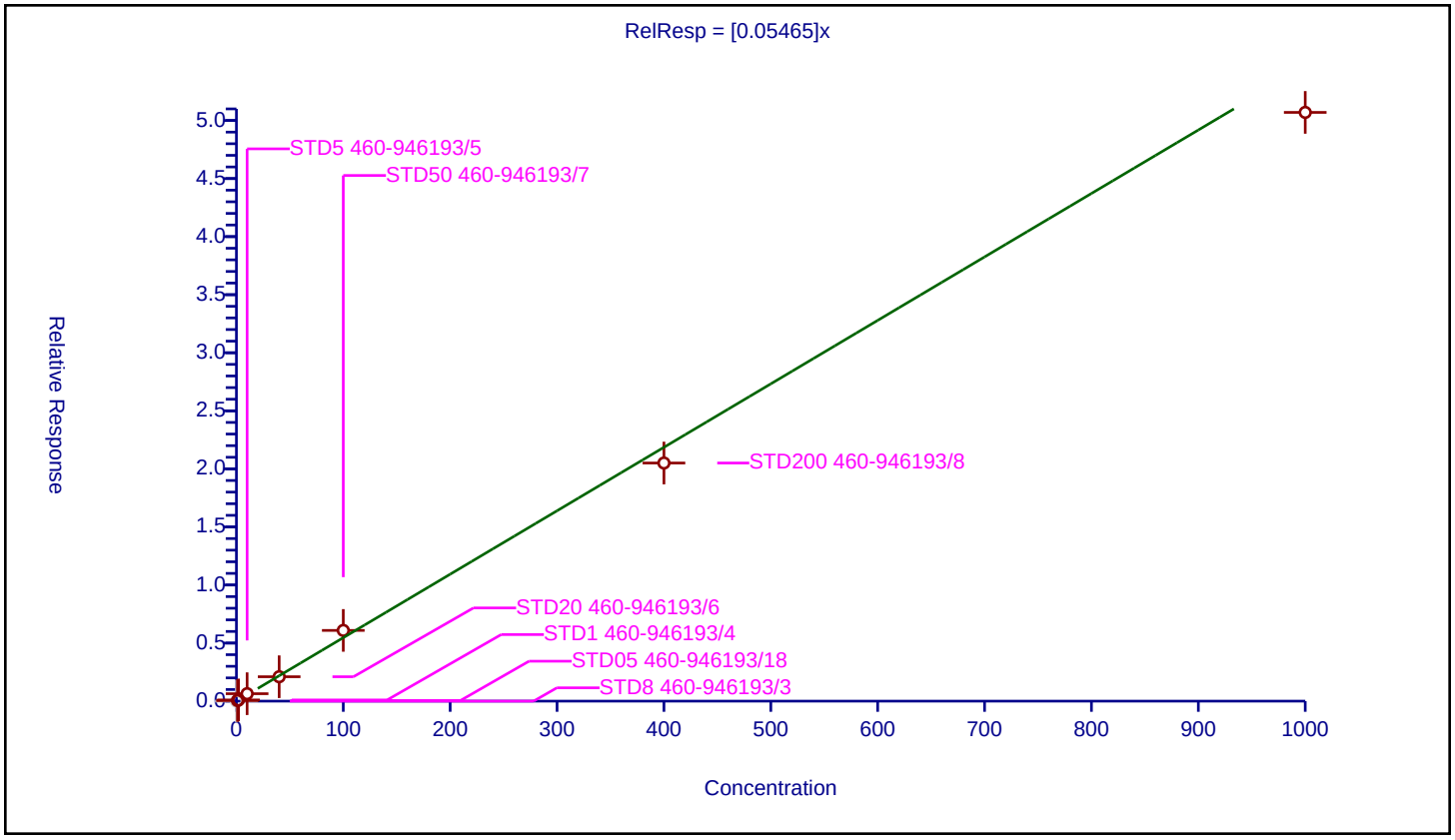
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05465 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 234000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 1.0 | 0.051686 | 50.0 | 518515.0 | 0.051686 | Y |
| 3 | STD1 460-946193/4 | 2.0 | 0.102545 | 50.0 | 510019.0 | 0.051273 | Y |
| 4 | STD5 460-946193/5 | 10.0 | 0.641683 | 50.0 | 508039.0 | 0.064168 | Y |
| 5 | STD20 460-946193/6 | 40.0 | 2.101611 | 50.0 | 507682.0 | 0.05254 | Y |
| 6 | STD50 460-946193/7 | 100.0 | 6.090007 | 50.0 | 498070.0 | 0.0609 | Y |
| 7 | STD200 460-946193/8 | 400.0 | 20.504769 | 50.0 | 510808.0 | 0.051262 | Y |
| 8 | STD500 460-946193/9 | 1000.0 | 50.696217 | 50.0 | 522107.0 | 0.050696 | Y |



## Calibration / Ethanol

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

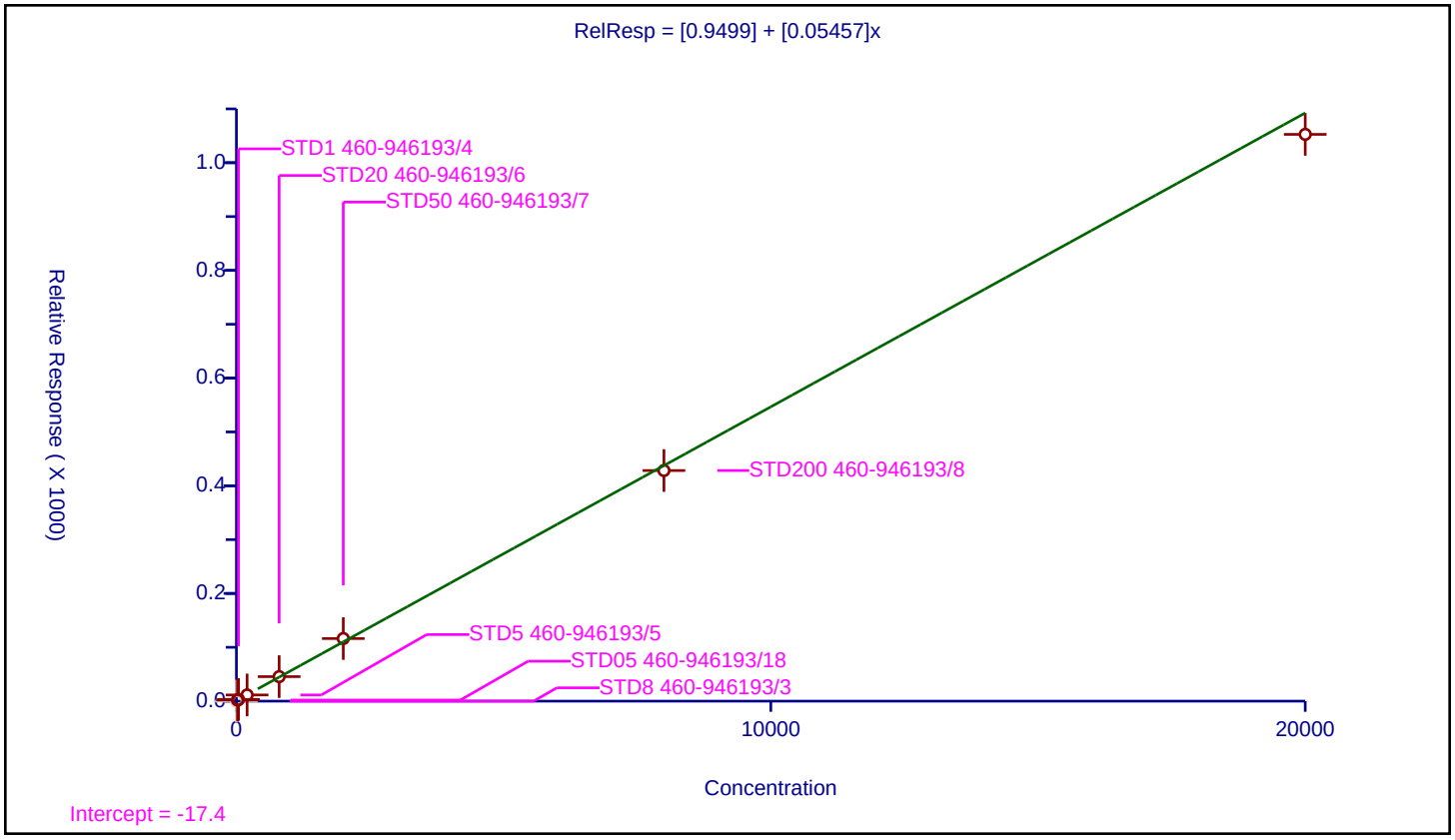
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.9499 |
| **Slope:** | 0.05457 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 132000 |
| **Relative Standard Error:** | 3.7 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 224546.0 | NaN | N |
| 2 | STD05 460-946193/18 | 20.0 | 2.03364 | 1000.0 | 212427.0 | 0.101682 | Y |
| 3 | STD1 460-946193/4 | 40.0 | 3.173035 | 1000.0 | 220609.0 | 0.079326 | Y |
| 4 | STD5 460-946193/5 | 200.0 | 11.51635 | 1000.0 | 216909.0 | 0.057582 | Y |
| 5 | STD20 460-946193/6 | 800.0 | 45.530863 | 1000.0 | 206673.0 | 0.056914 | Y |
| 6 | STD50 460-946193/7 | 2000.0 | 116.284912 | 1000.0 | 214972.0 | 0.058142 | Y |
| 7 | STD200 460-946193/8 | 8000.0 | 428.341605 | 1000.0 | 211964.0 | 0.053543 | Y |
| 8 | STD500 460-946193/9 | 20000.0 | 1052.681697 | 1000.0 | 265690.0 | 0.052634 | Y |






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## Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

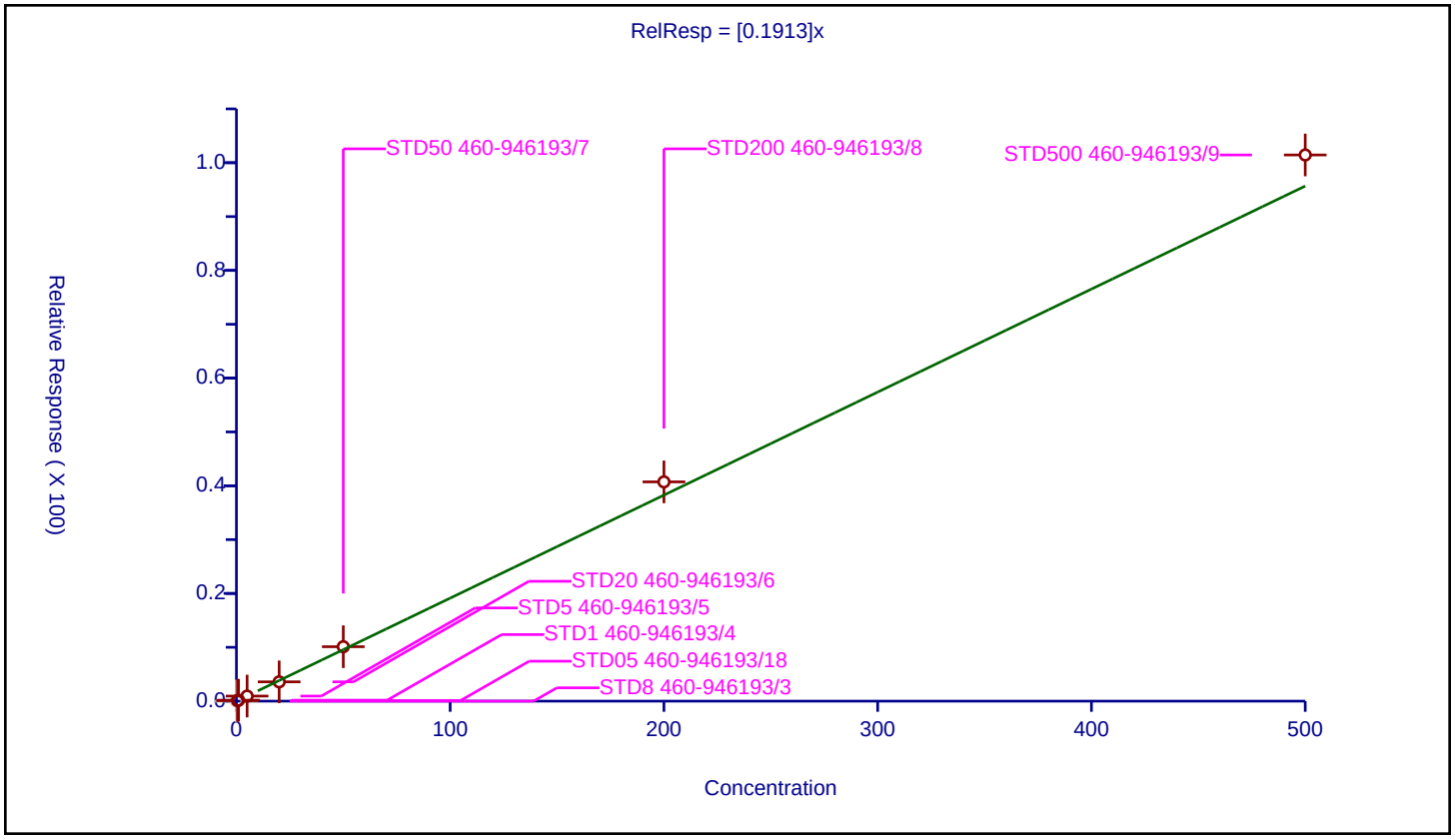
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1913 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 467000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.094018 | 50.0 | 518515.0 | 0.188037 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.175288 | 50.0 | 510019.0 | 0.175288 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.940184 | 50.0 | 508039.0 | 0.188037 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 3.585118 | 50.0 | 507682.0 | 0.179256 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 10.109623 | 50.0 | 498070.0 | 0.202192 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 40.726359 | 50.0 | 510808.0 | 0.203632 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 101.442712 | 50.0 | 522107.0 | 0.202885 | Y |






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## Calibration / Ethyl ether

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

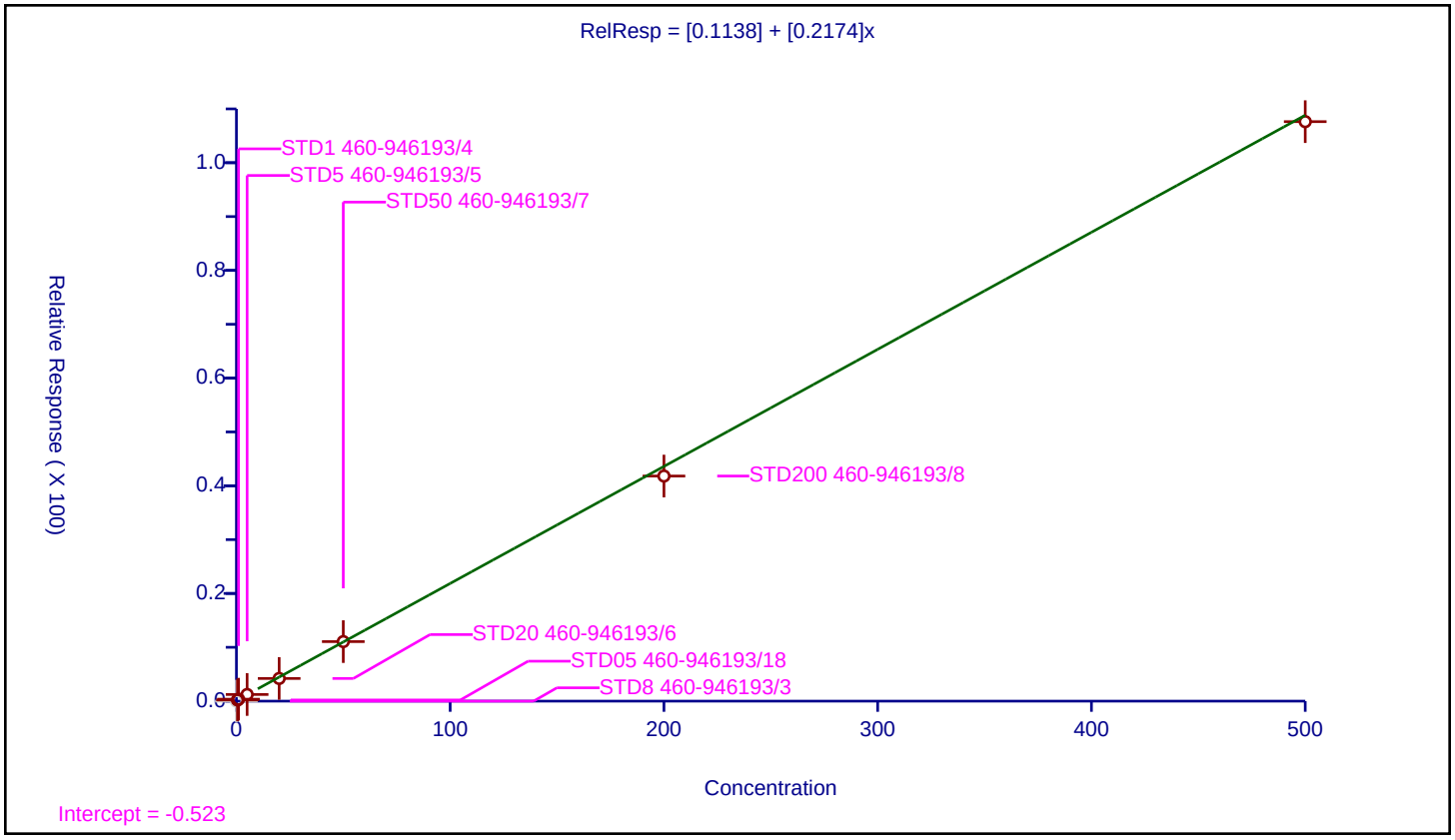
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.1138 |
| **Slope:** | 0.2174 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 540000 |
| **Relative Standard Error:** | 8.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.214169 | 50.0 | 518515.0 | 0.428339 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.363908 | 50.0 | 510019.0 | 0.363908 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.232189 | 50.0 | 508039.0 | 0.246438 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.212578 | 50.0 | 507682.0 | 0.210629 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 11.060293 | 50.0 | 498070.0 | 0.221206 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 41.807 | 50.0 | 510808.0 | 0.209035 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 107.631577 | 50.0 | 522107.0 | 0.215263 | Y |






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## 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 |

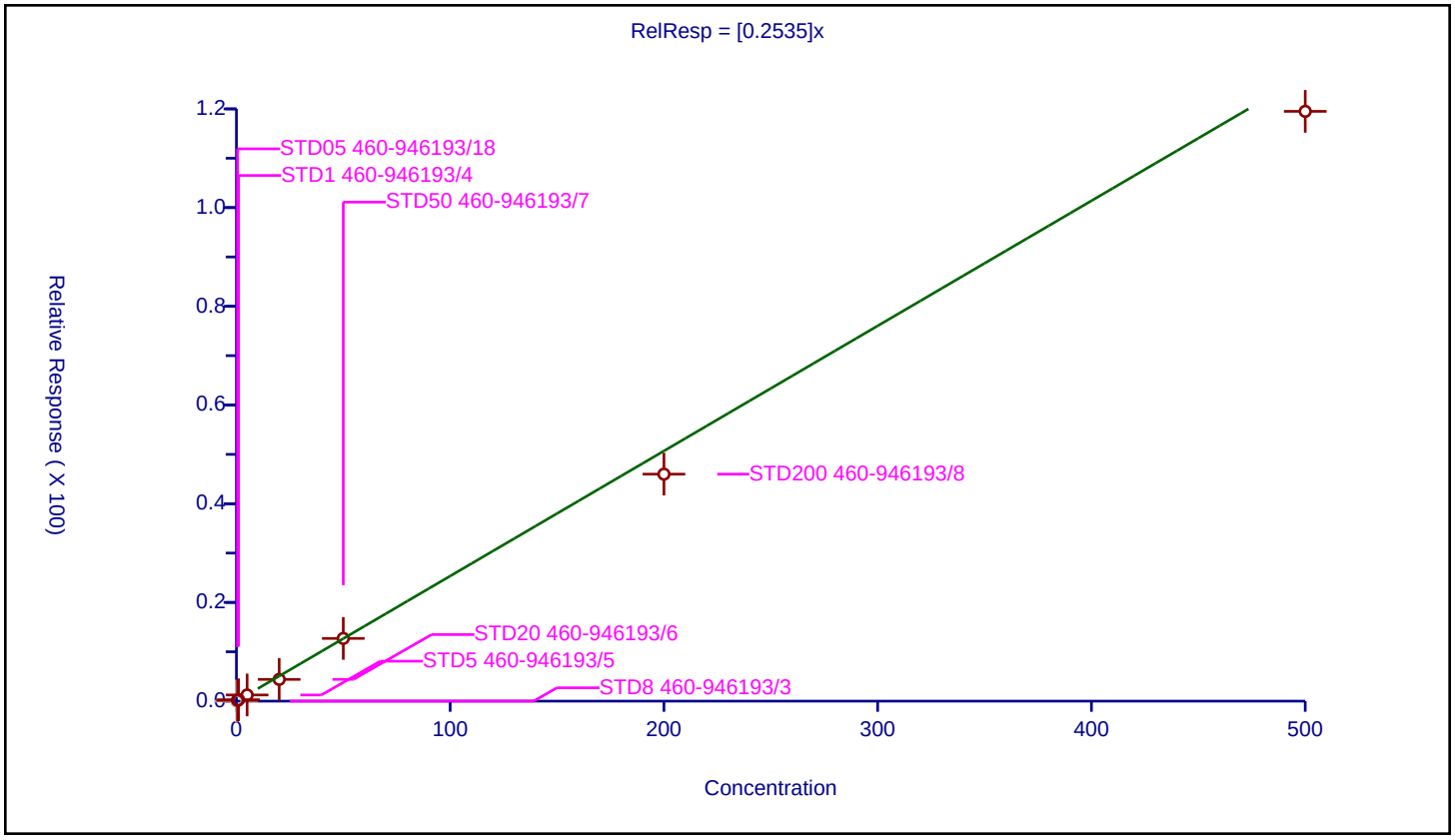
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2535 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 547000 |
| **Relative Standard Error:** | 11.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.150622 | 50.0 | 518515.0 | 0.301245 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.279205 | 50.0 | 510019.0 | 0.279205 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.251971 | 50.0 | 508039.0 | 0.250394 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.405908 | 50.0 | 507682.0 | 0.220295 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 12.706949 | 50.0 | 498070.0 | 0.254139 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 45.993211 | 50.0 | 510808.0 | 0.229966 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 119.50175 | 50.0 | 522107.0 | 0.239003 | Y |






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## Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

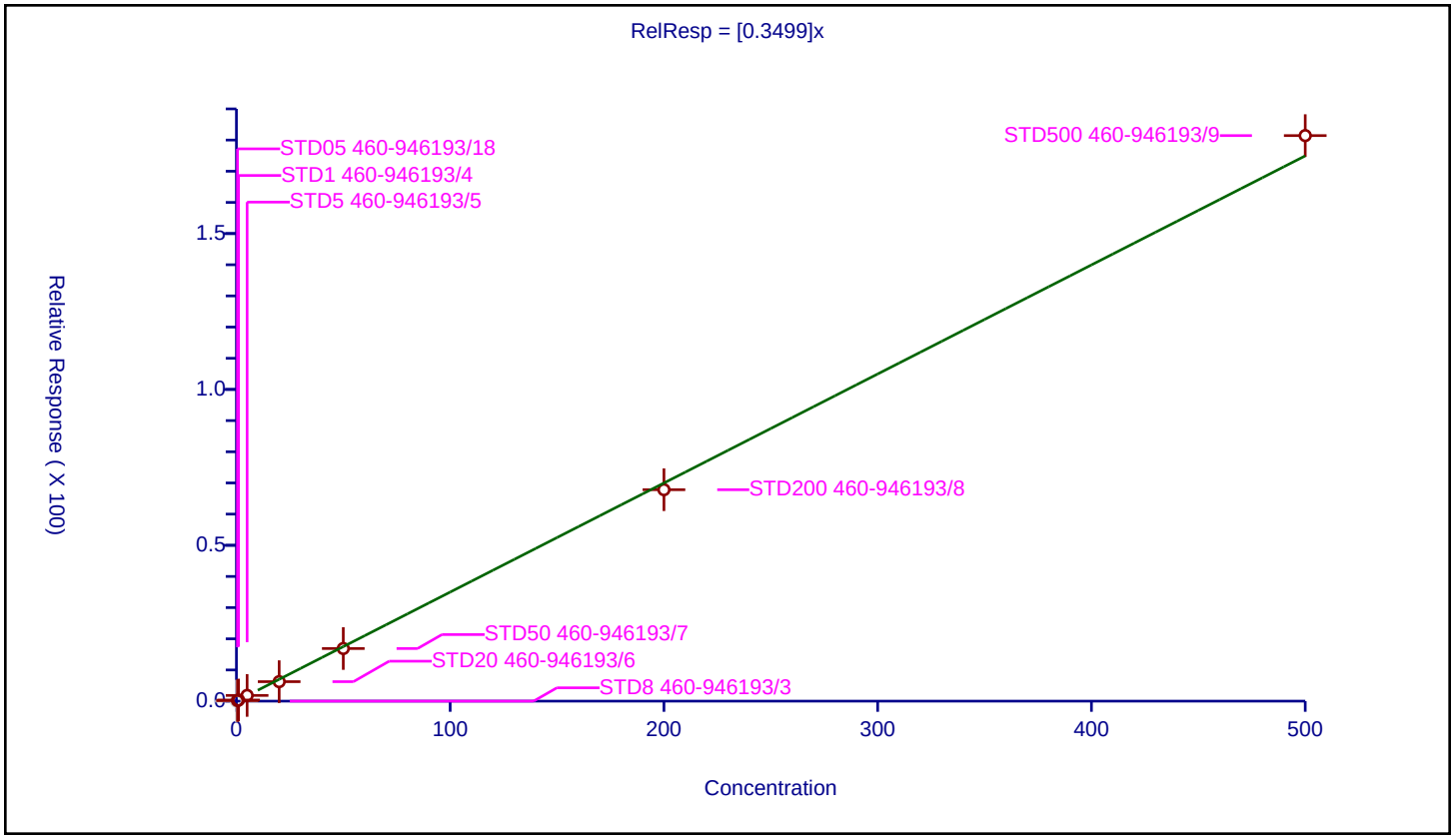
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3499 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 827000 |
| **Relative Standard Error:** | 6.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.185626 | 50.0 | 518515.0 | 0.371253 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.358418 | 50.0 | 510019.0 | 0.358418 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.834899 | 50.0 | 508039.0 | 0.36698 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 6.254309 | 50.0 | 507682.0 | 0.312715 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 16.880961 | 50.0 | 498070.0 | 0.337619 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 67.829008 | 50.0 | 510808.0 | 0.339145 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 181.429669 | 50.0 | 522107.0 | 0.362859 | Y |






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## Calibration / Acrolein

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

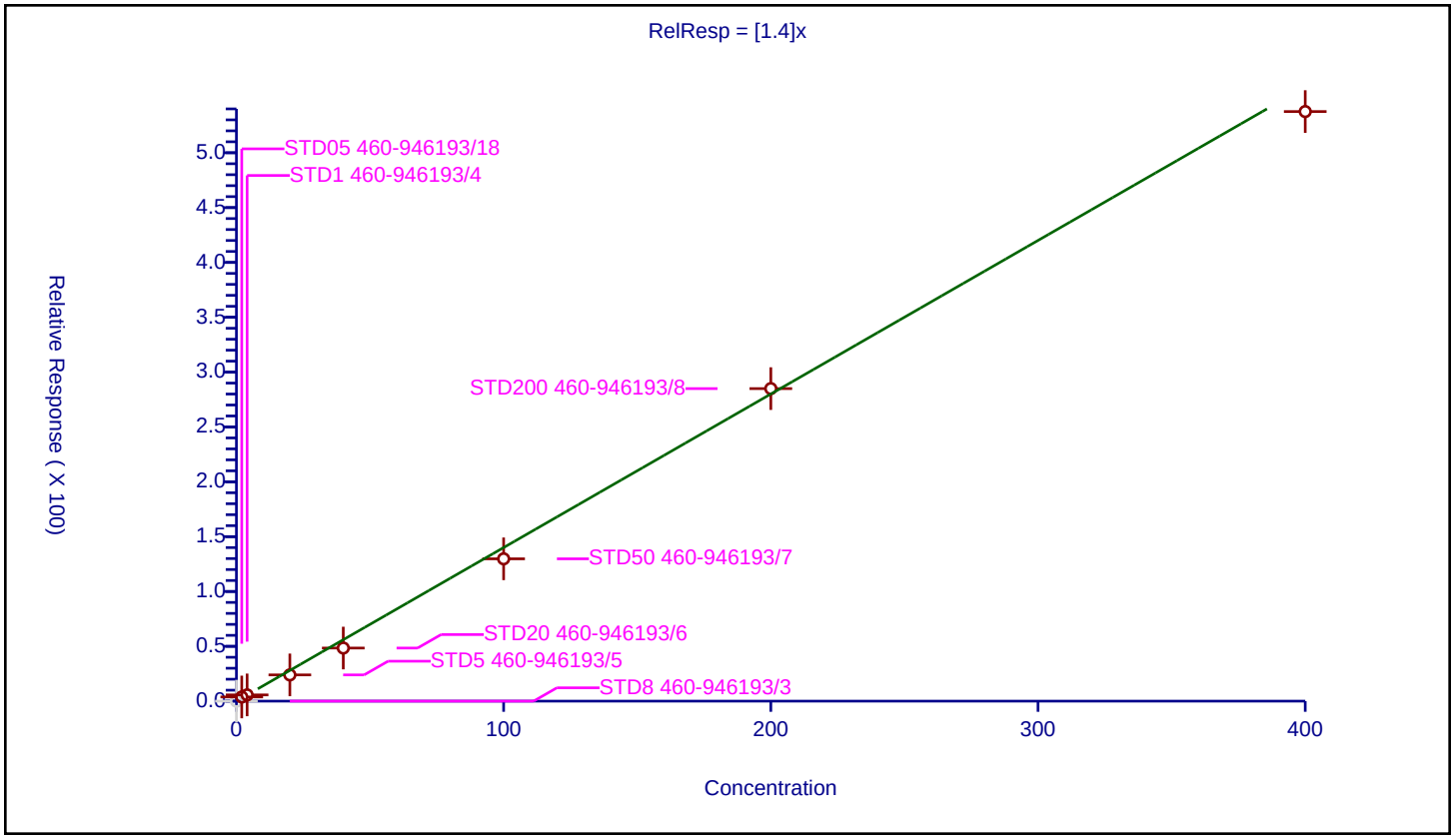
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.4 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 64200 |
| **Relative Standard Error:** | 17.1 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.955 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 224546.0 | NaN | N |
| 2 | STD05 460-946193/18 | 2.0 | 3.80366 | 1000.0 | 212427.0 | 1.90183 | Y |
| 3 | STD1 460-946193/4 | 4.0 | 5.702397 | 1000.0 | 220609.0 | 1.425599 | Y |
| 4 | STD5 460-946193/5 | 20.0 | 23.936305 | 1000.0 | 216909.0 | 1.196815 | Y |
| 5 | STD20 460-946193/6 | 40.0 | 48.414645 | 1000.0 | 206673.0 | 1.210366 | Y |
| 6 | STD50 460-946193/7 | 100.0 | 129.770389 | 1000.0 | 214972.0 | 1.297704 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 284.954049 | 1000.0 | 211964.0 | 1.42477 | Y |
| 8 | STD500 460-946193/9 | 400.0 | 537.5701 | 1000.0 | 265690.0 | 1.343925 | 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 |

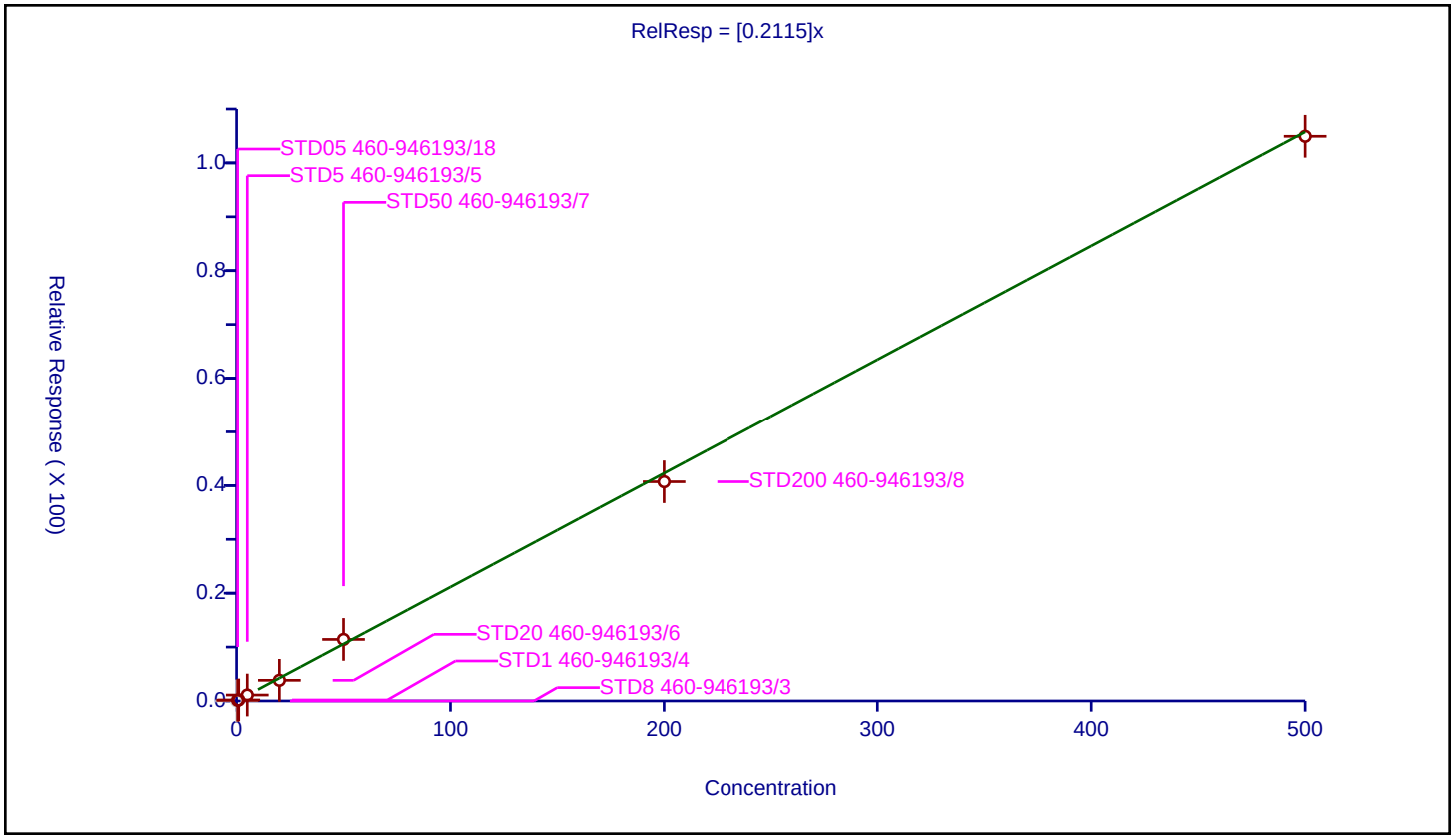
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2115 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 481000 |
| **Relative Standard Error:** | 9.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.121115 | 50.0 | 518515.0 | 0.24223 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.184503 | 50.0 | 510019.0 | 0.184503 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.102868 | 50.0 | 508039.0 | 0.220574 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 3.830843 | 50.0 | 507682.0 | 0.191542 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 11.418676 | 50.0 | 498070.0 | 0.228374 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 40.713145 | 50.0 | 510808.0 | 0.203566 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 104.94458 | 50.0 | 522107.0 | 0.209889 | Y |






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## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

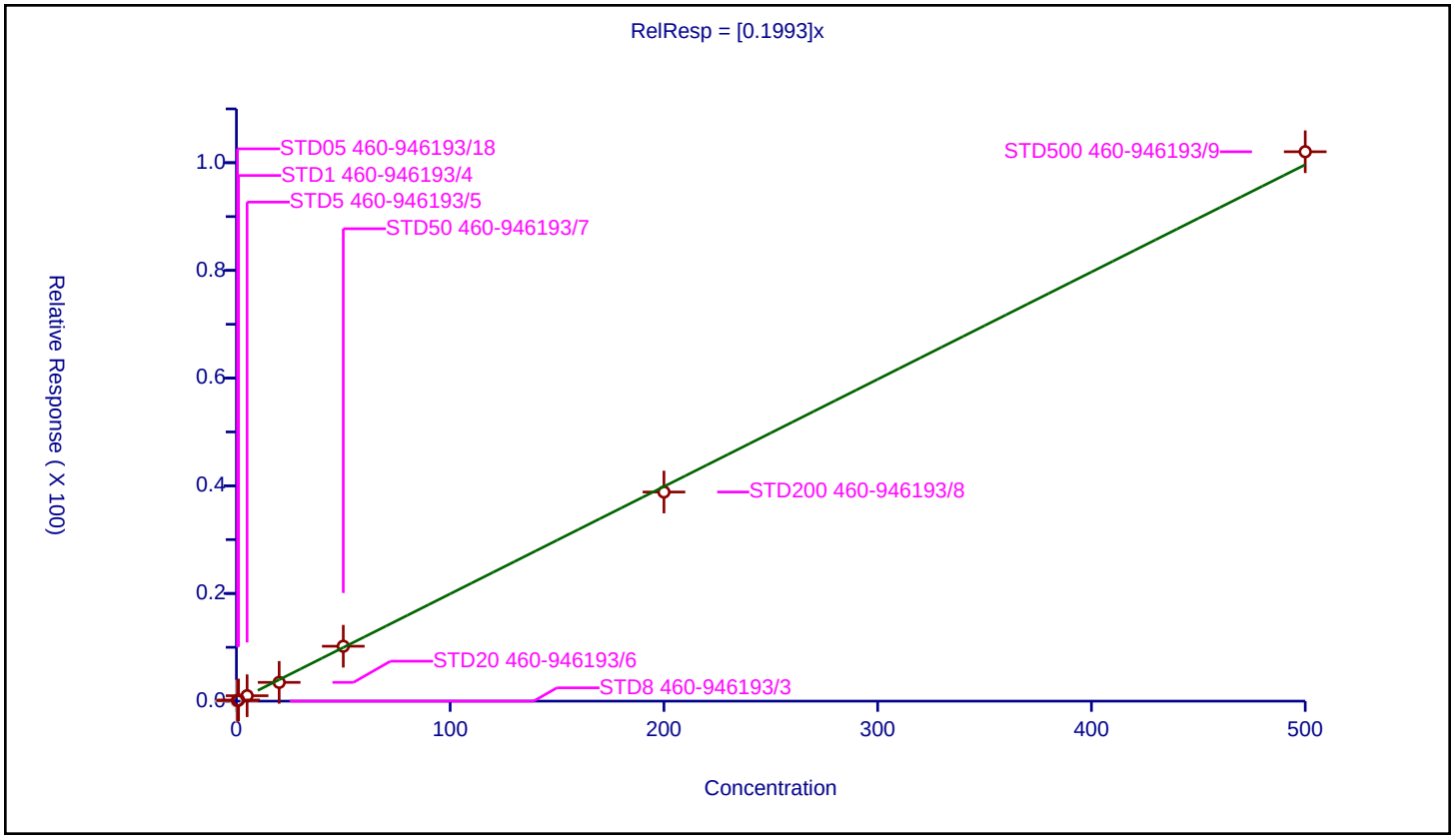
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1993 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 466000 |
| **Relative Standard Error:** | 6.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.104336 | 50.0 | 518515.0 | 0.208673 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.208031 | 50.0 | 510019.0 | 0.208031 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.009076 | 50.0 | 508039.0 | 0.201815 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 3.482889 | 50.0 | 507682.0 | 0.174144 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 10.197261 | 50.0 | 498070.0 | 0.203945 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 38.839153 | 50.0 | 510808.0 | 0.194196 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 102.040482 | 50.0 | 522107.0 | 0.204081 | Y |






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## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

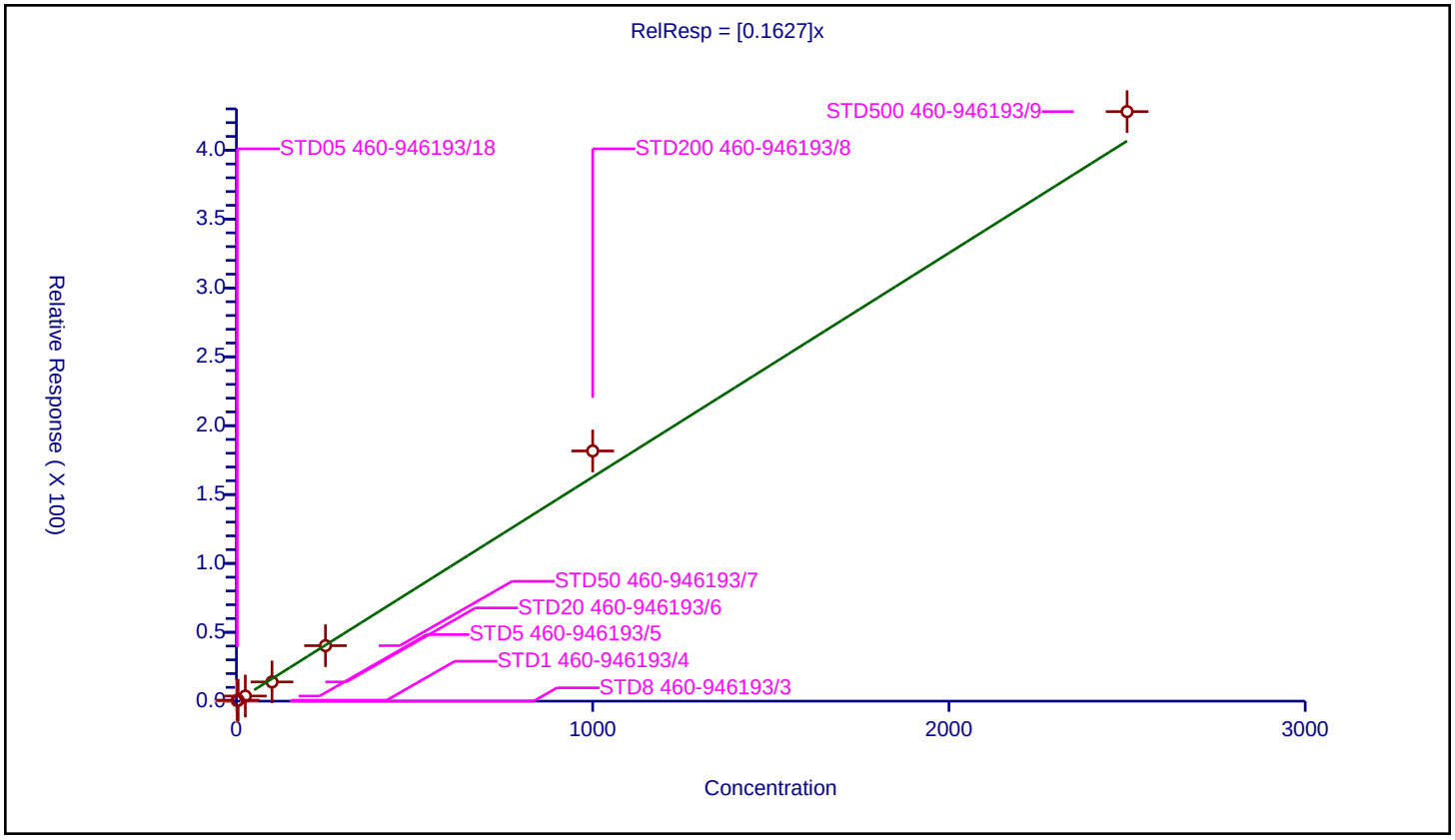
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1627 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 239000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 250.0 | 305900.0 | NaN | N |
| 2 | STD05 460-946193/18 | 2.5 | 0.491664 | 250.0 | 297459.0 | 0.196666 | Y |
| 3 | STD1 460-946193/4 | 5.0 | 0.700465 | 250.0 | 296232.0 | 0.140093 | Y |
| 4 | STD5 460-946193/5 | 25.0 | 3.716564 | 250.0 | 297654.0 | 0.148663 | Y |
| 5 | STD20 460-946193/6 | 100.0 | 13.94533 | 250.0 | 287175.0 | 0.139453 | Y |
| 6 | STD50 460-946193/7 | 250.0 | 40.277079 | 250.0 | 292263.0 | 0.161108 | Y |
| 7 | STD200 460-946193/8 | 1000.0 | 181.656544 | 250.0 | 294710.0 | 0.181657 | Y |
| 8 | STD500 460-946193/9 | 2500.0 | 428.036164 | 250.0 | 316666.0 | 0.171214 | Y |






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## Calibration / Iodomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

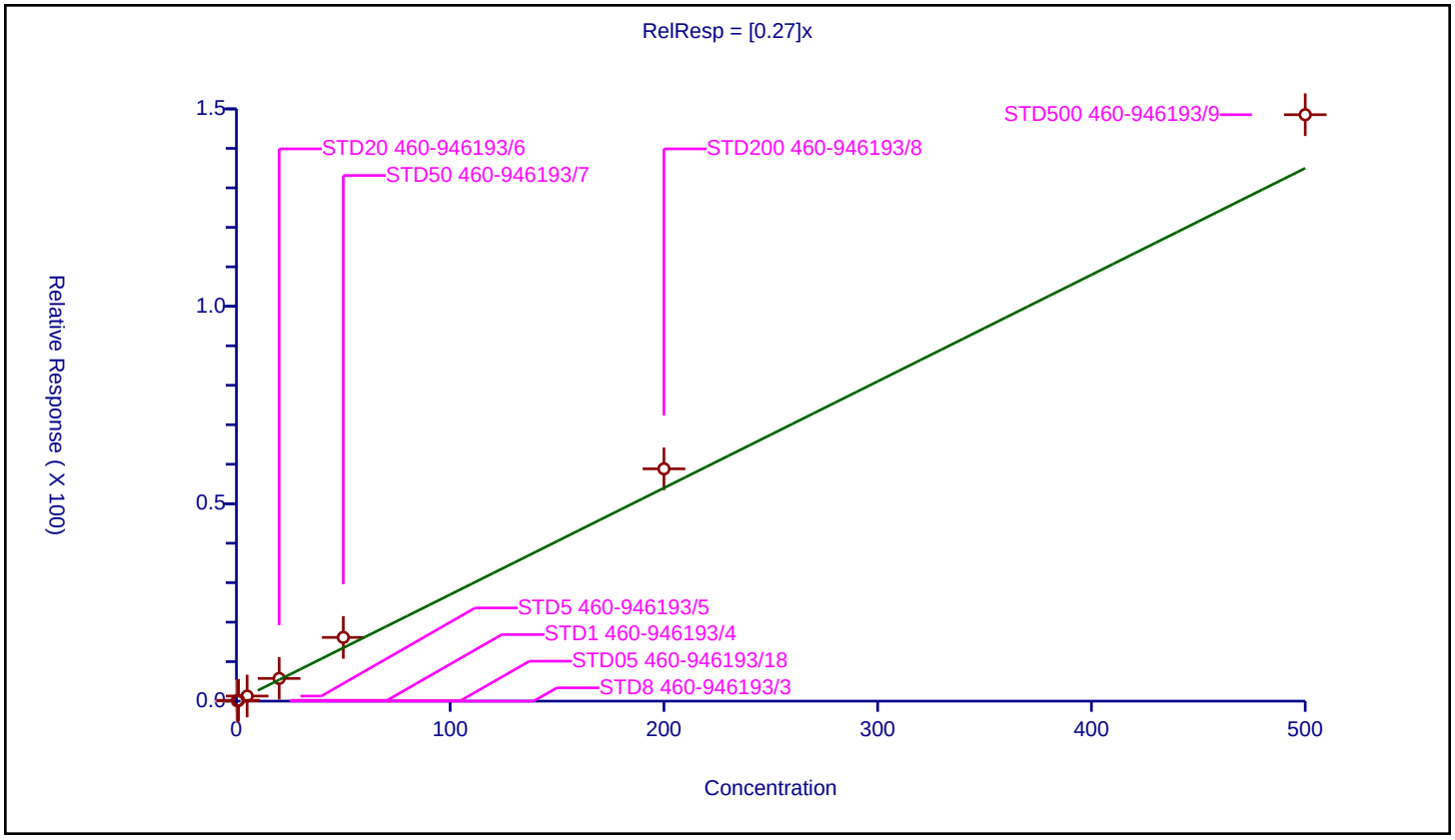
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.27 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 683000 |
| **Relative Standard Error:** | 15.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.975 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.105204 | 50.0 | 518515.0 | 0.210409 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.219502 | 50.0 | 510019.0 | 0.219502 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.291239 | 50.0 | 508039.0 | 0.258248 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.749564 | 50.0 | 507682.0 | 0.287478 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 16.141105 | 50.0 | 498070.0 | 0.322822 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 58.839035 | 50.0 | 510808.0 | 0.294195 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 148.528175 | 50.0 | 522107.0 | 0.297056 | Y |






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## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

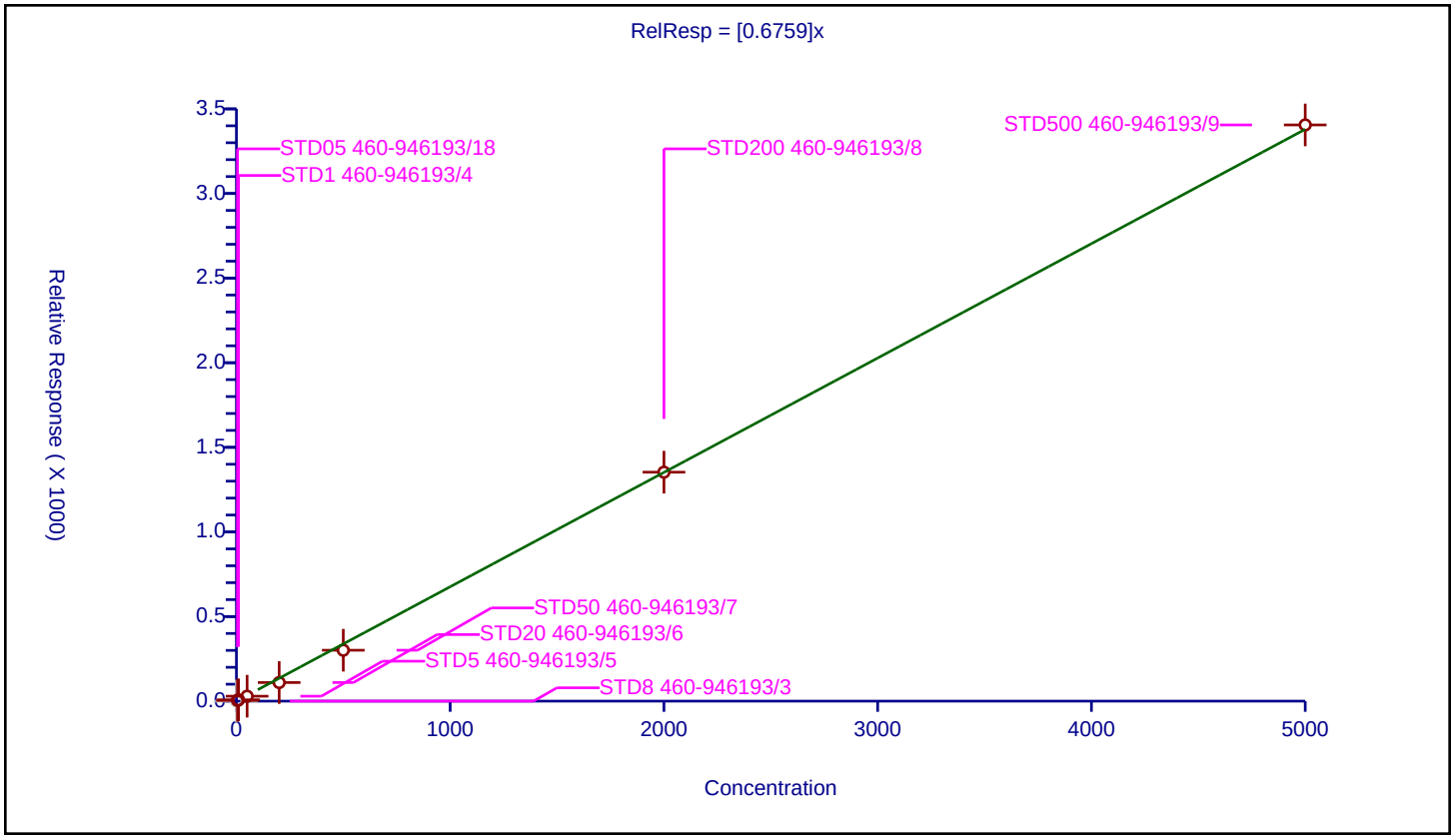
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6759 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 387000 |
| **Relative Standard Error:** | 16.7 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.959 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 224546.0 | NaN | N |
| 2 | STD05 460-946193/18 | 5.0 | 4.359145 | 1000.0 | 212427.0 | 0.871829 | Y |
| 3 | STD1 460-946193/4 | 10.0 | 7.660612 | 1000.0 | 220609.0 | 0.766061 | Y |
| 4 | STD5 460-946193/5 | 50.0 | 29.210406 | 1000.0 | 216909.0 | 0.584208 | Y |
| 5 | STD20 460-946193/6 | 200.0 | 109.912761 | 1000.0 | 206673.0 | 0.549564 | Y |
| 6 | STD50 460-946193/7 | 500.0 | 300.927563 | 1000.0 | 214972.0 | 0.601855 | Y |
| 7 | STD200 460-946193/8 | 2000.0 | 1353.083542 | 1000.0 | 211964.0 | 0.676542 | Y |
| 8 | STD500 460-946193/9 | 5000.0 | 3405.265535 | 1000.0 | 265690.0 | 0.681053 | Y |



## Calibration / Carbon disulfide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

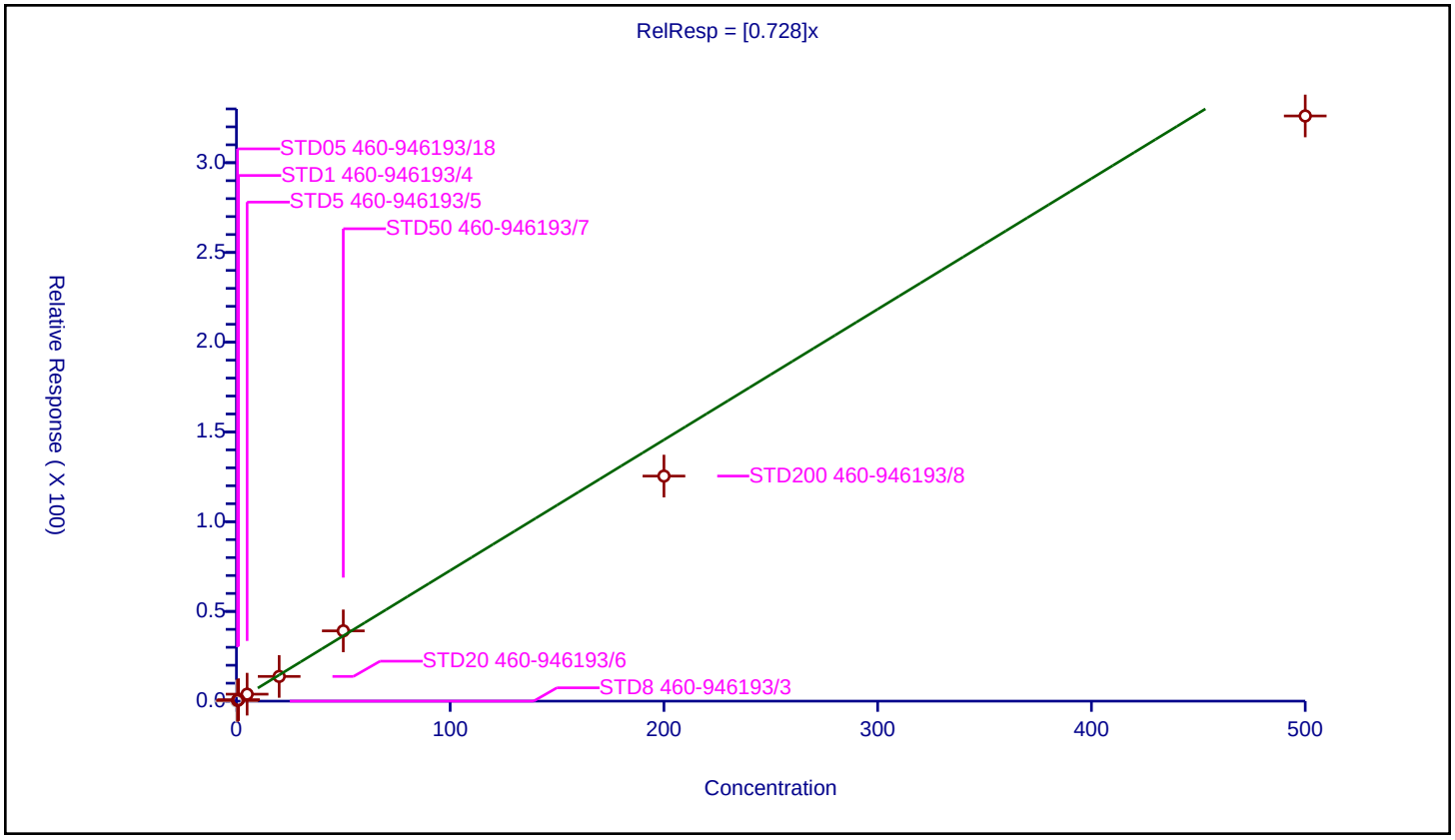
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.728 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1490000 |
| **Relative Standard Error:** | 9.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.380895 | 50.0 | 518515.0 | 0.761791 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.807617 | 50.0 | 510019.0 | 0.807617 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.876671 | 50.0 | 508039.0 | 0.775334 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 13.771711 | 50.0 | 507682.0 | 0.688586 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 39.157548 | 50.0 | 498070.0 | 0.783151 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 125.412582 | 50.0 | 510808.0 | 0.627063 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 326.072338 | 50.0 | 522107.0 | 0.652145 | Y |






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## Calibration / Acetonitrile

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

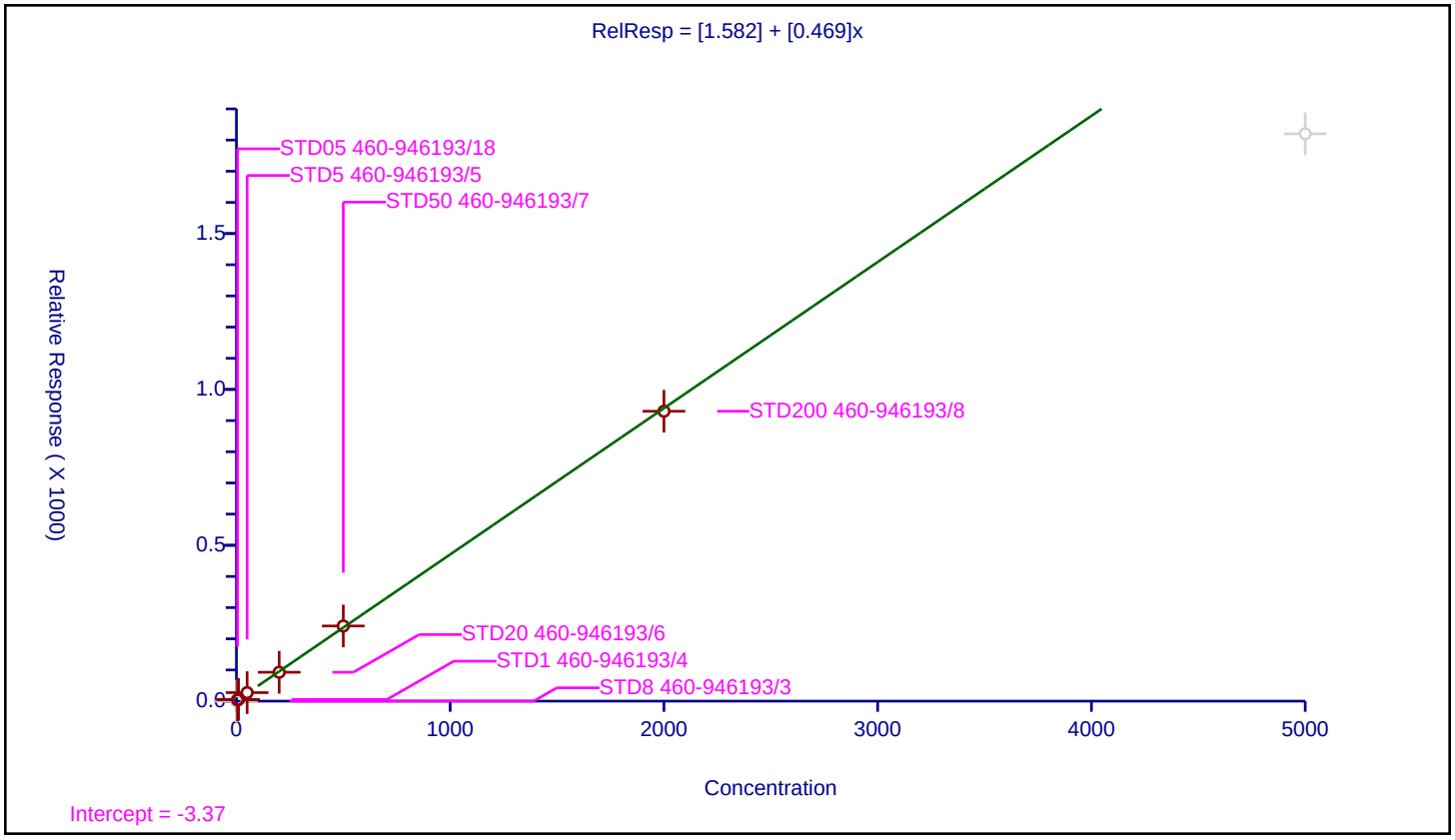
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 1.582 |
| **Slope:** | 0.469 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 102000 |
| **Relative Standard Error:** | 9.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 224546.0 | NaN | N |
| 2 | STD05 460-946193/18 | 5.0 | 4.06728 | 1000.0 | 212427.0 | 0.813456 | Y |
| 3 | STD1 460-946193/4 | 10.0 | 5.625337 | 1000.0 | 220609.0 | 0.562534 | Y |
| 4 | STD5 460-946193/5 | 50.0 | 27.292551 | 1000.0 | 216909.0 | 0.545851 | Y |
| 5 | STD20 460-946193/6 | 200.0 | 92.658451 | 1000.0 | 206673.0 | 0.463292 | Y |
| 6 | STD50 460-946193/7 | 500.0 | 241.040694 | 1000.0 | 214972.0 | 0.482081 | Y |
| 7 | STD200 460-946193/8 | 2000.0 | 930.049442 | 1000.0 | 211964.0 | 0.465025 | Y |
| 8 | STD500 460-946193/9 | 5000.0 | 1820.060973 | 1000.0 | 265690.0 | 0.364012 | N |






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## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

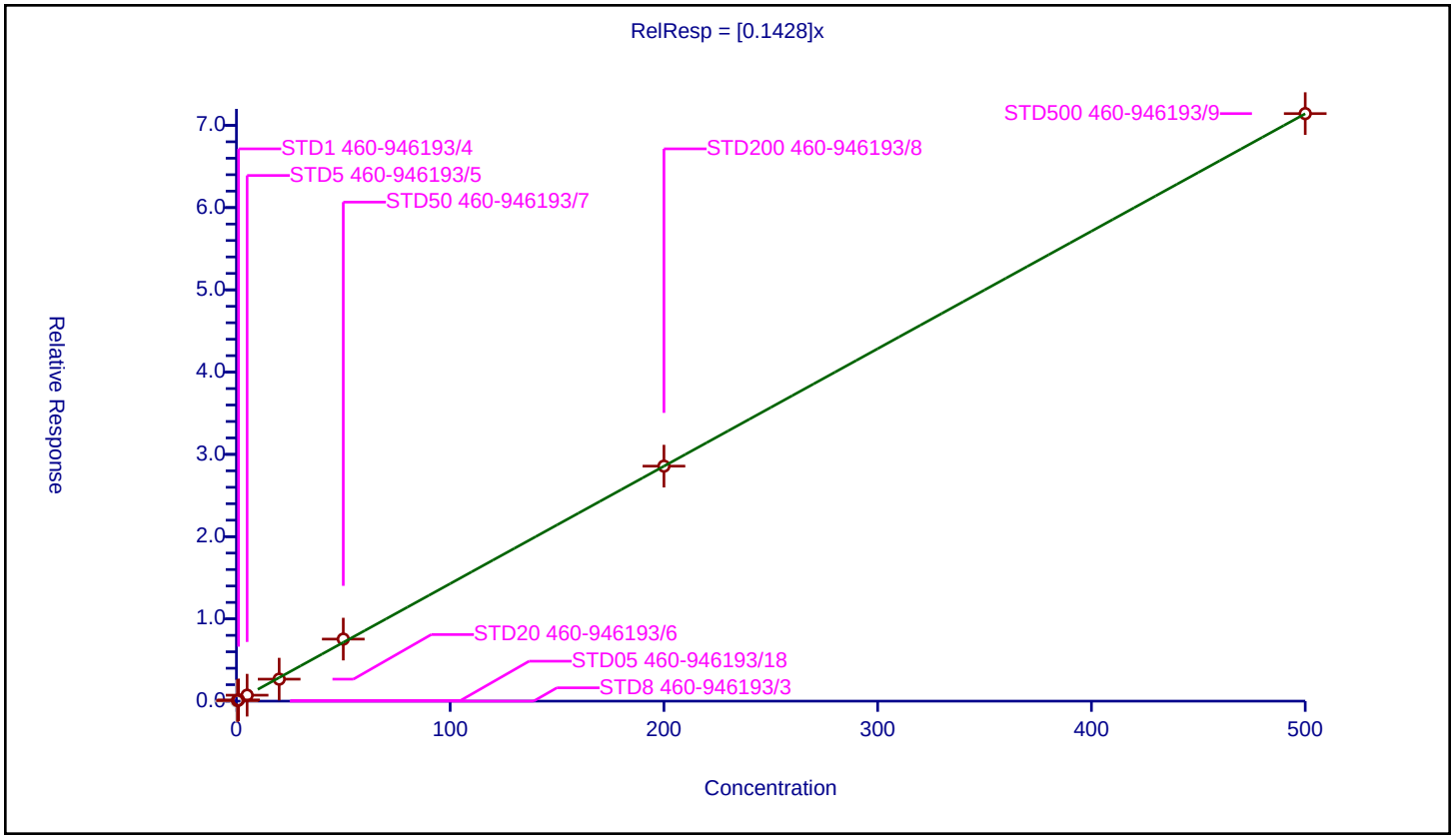
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1428 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 329000 |
| **Relative Standard Error:** | 4.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.069043 | 50.0 | 518515.0 | 0.138087 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.146857 | 50.0 | 510019.0 | 0.146857 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.723468 | 50.0 | 508039.0 | 0.144694 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 2.671948 | 50.0 | 507682.0 | 0.133597 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 7.541811 | 50.0 | 498070.0 | 0.150836 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 28.56866 | 50.0 | 510808.0 | 0.142843 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 71.426738 | 50.0 | 522107.0 | 0.142853 | Y |



## Calibration / Methyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

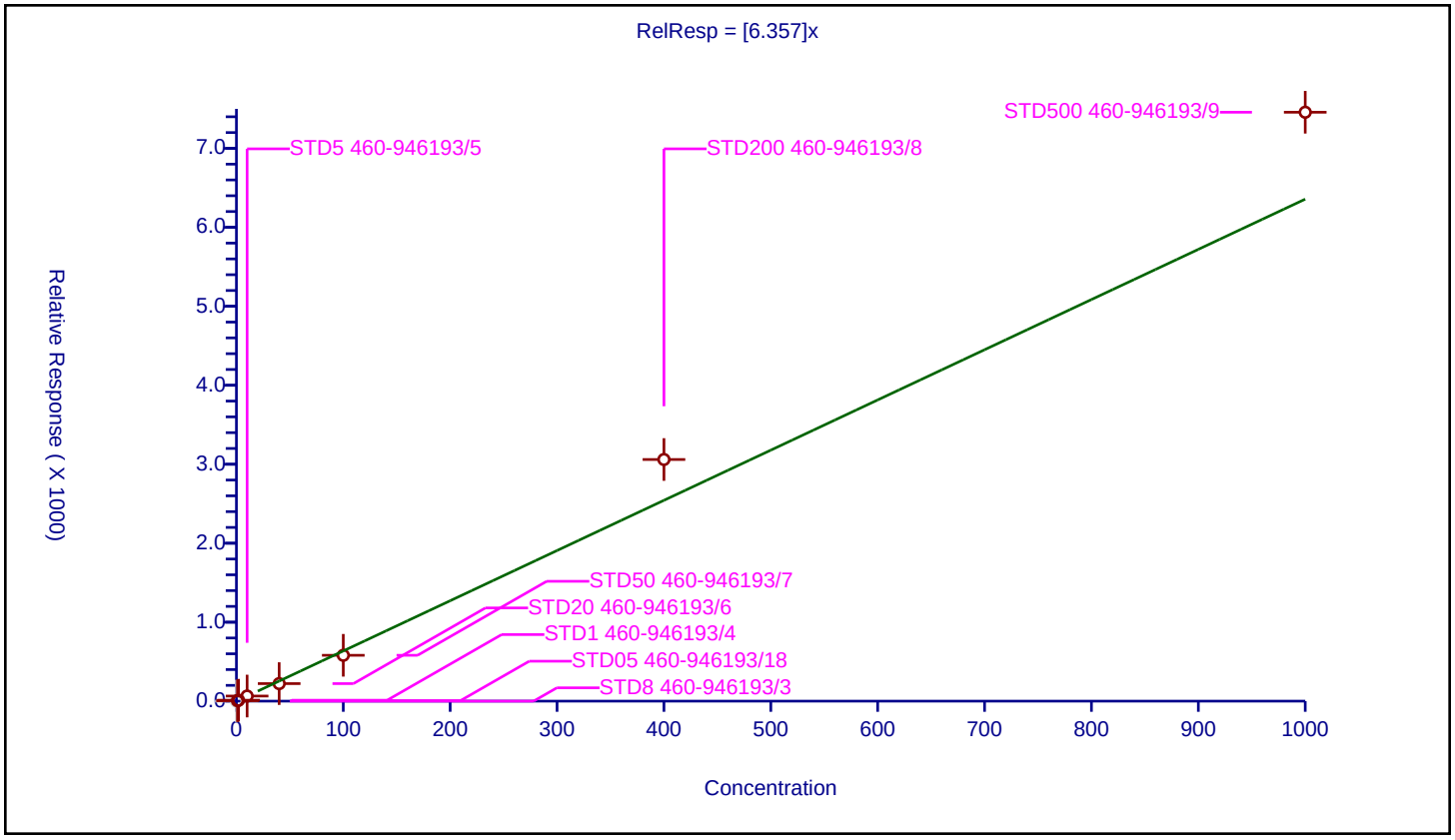
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 6.357 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 850000 |
| **Relative Standard Error:** | 13.6 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.979 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 224546.0 | NaN | N |
| 2 | STD05 460-946193/18 | 1.0 | 5.771394 | 1000.0 | 212427.0 | 5.771394 | Y |
| 3 | STD1 460-946193/4 | 2.0 | 11.586109 | 1000.0 | 220609.0 | 5.793055 | Y |
| 4 | STD5 460-946193/5 | 10.0 | 64.690723 | 1000.0 | 216909.0 | 6.469072 | Y |
| 5 | STD20 460-946193/6 | 40.0 | 222.114161 | 1000.0 | 206673.0 | 5.552854 | Y |
| 6 | STD50 460-946193/7 | 100.0 | 580.498856 | 1000.0 | 214972.0 | 5.804989 | Y |
| 7 | STD200 460-946193/8 | 400.0 | 3059.934706 | 1000.0 | 211964.0 | 7.649837 | Y |
| 8 | STD500 460-946193/9 | 1000.0 | 7457.5972 | 1000.0 | 265690.0 | 7.457597 | Y |



## Calibration / Cyclopentene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

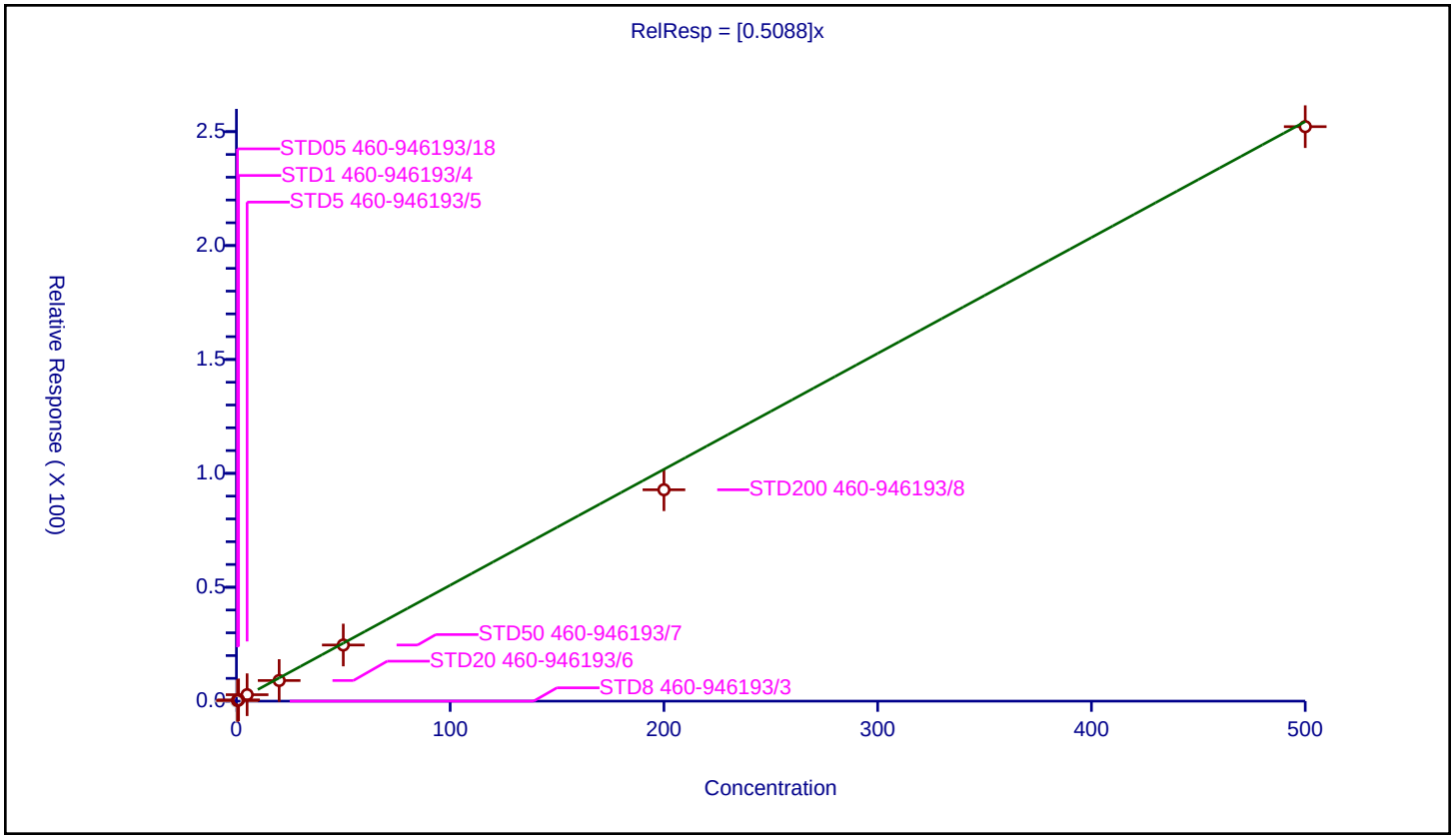
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5088 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1150000 |
| **Relative Standard Error:** | 8.3 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.271448 | 50.0 | 518515.0 | 0.542897 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.540568 | 50.0 | 510019.0 | 0.540568 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.821929 | 50.0 | 508039.0 | 0.564386 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 9.054487 | 50.0 | 507682.0 | 0.452724 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 24.645733 | 50.0 | 498070.0 | 0.492915 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 92.801992 | 50.0 | 510808.0 | 0.46401 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 252.198113 | 50.0 | 522107.0 | 0.504396 | Y |






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## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

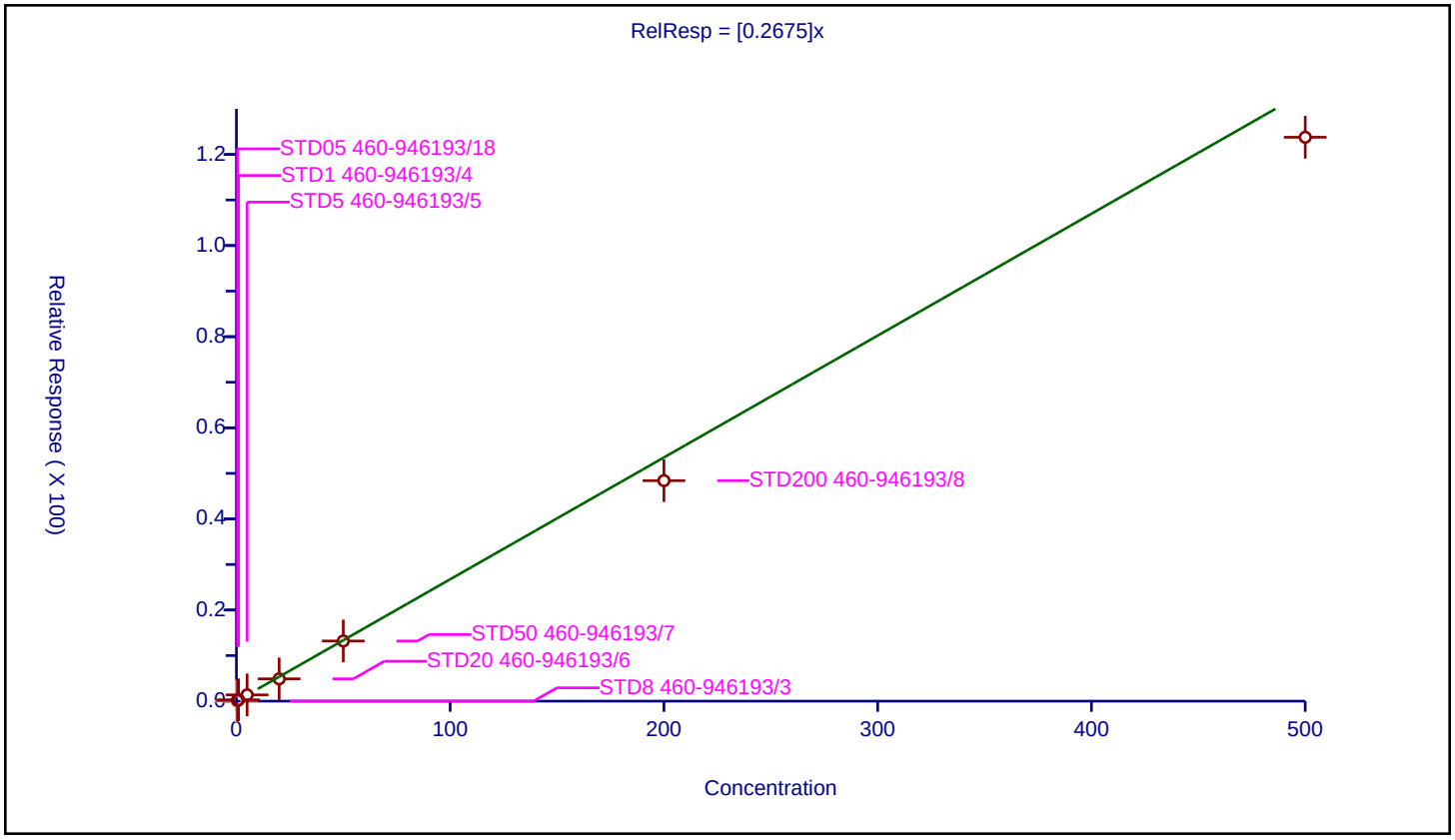
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2675 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 568000 |
| **Relative Standard Error:** | 9.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.15448 | 50.0 | 518515.0 | 0.308959 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.289695 | 50.0 | 510019.0 | 0.289695 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.376568 | 50.0 | 508039.0 | 0.275314 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.89391 | 50.0 | 507682.0 | 0.244695 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 13.200956 | 50.0 | 498070.0 | 0.264019 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 48.396854 | 50.0 | 510808.0 | 0.241984 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 123.77482 | 50.0 | 522107.0 | 0.24755 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

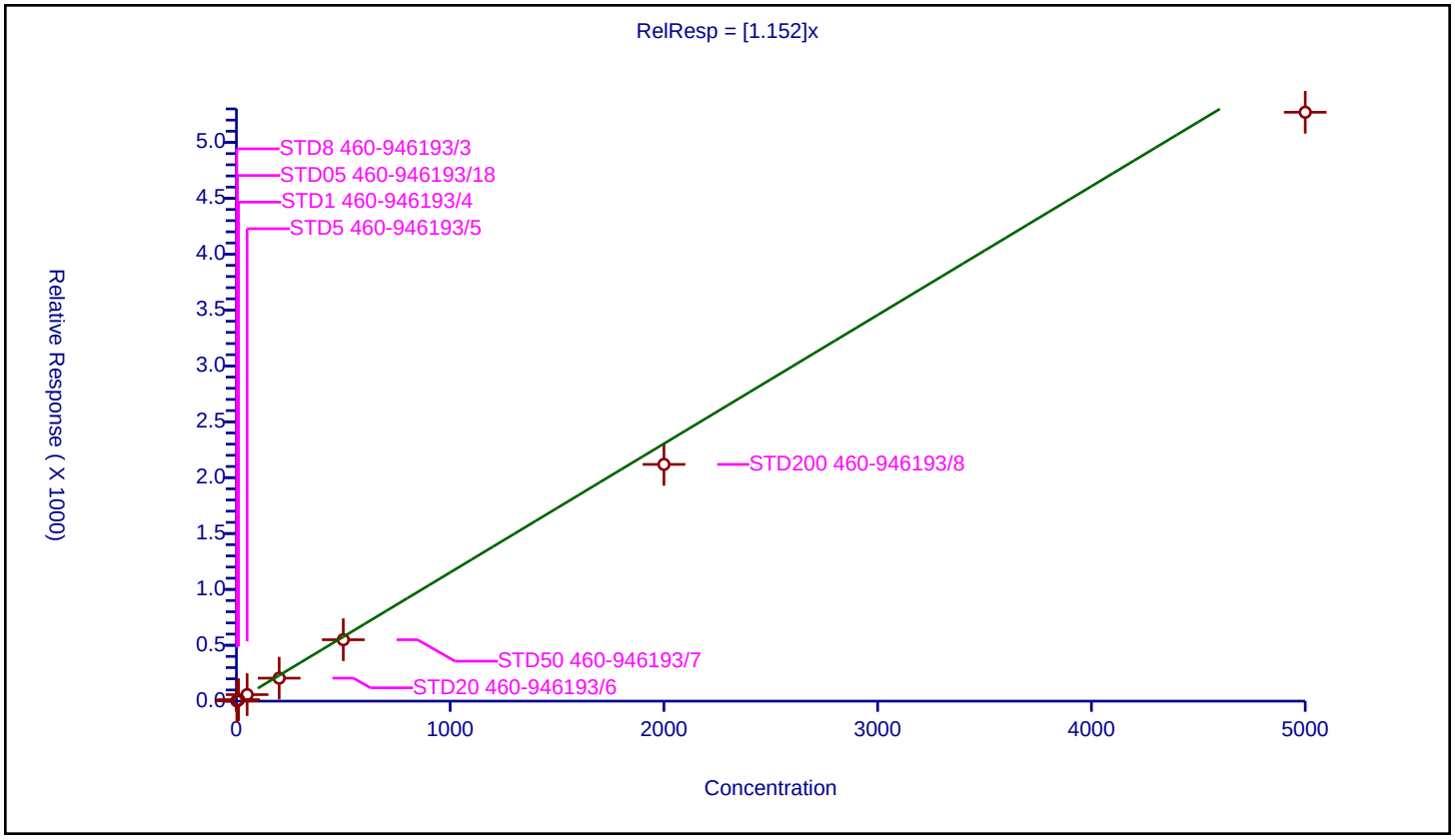
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.152 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 555000 |
| **Relative Standard Error:** | 9.4 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 2.0 | 2.534002 | 1000.0 | 224546.0 | 1.267001 | Y |
| 2 | STD05 460-946193/18 | 5.0 | 6.143287 | 1000.0 | 212427.0 | 1.228657 | Y |
| 3 | STD1 460-946193/4 | 10.0 | 13.145429 | 1000.0 | 220609.0 | 1.314543 | Y |
| 4 | STD5 460-946193/5 | 50.0 | 58.190301 | 1000.0 | 216909.0 | 1.163806 | Y |
| 5 | STD20 460-946193/6 | 200.0 | 205.784016 | 1000.0 | 206673.0 | 1.02892 | Y |
| 6 | STD50 460-946193/7 | 500.0 | 549.597157 | 1000.0 | 214972.0 | 1.099194 | Y |
| 7 | STD200 460-946193/8 | 2000.0 | 2118.524844 | 1000.0 | 211964.0 | 1.059262 | Y |
| 8 | STD500 460-946193/9 | 5000.0 | 5270.081674 | 1000.0 | 265690.0 | 1.054016 | Y |



## Calibration / Acrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

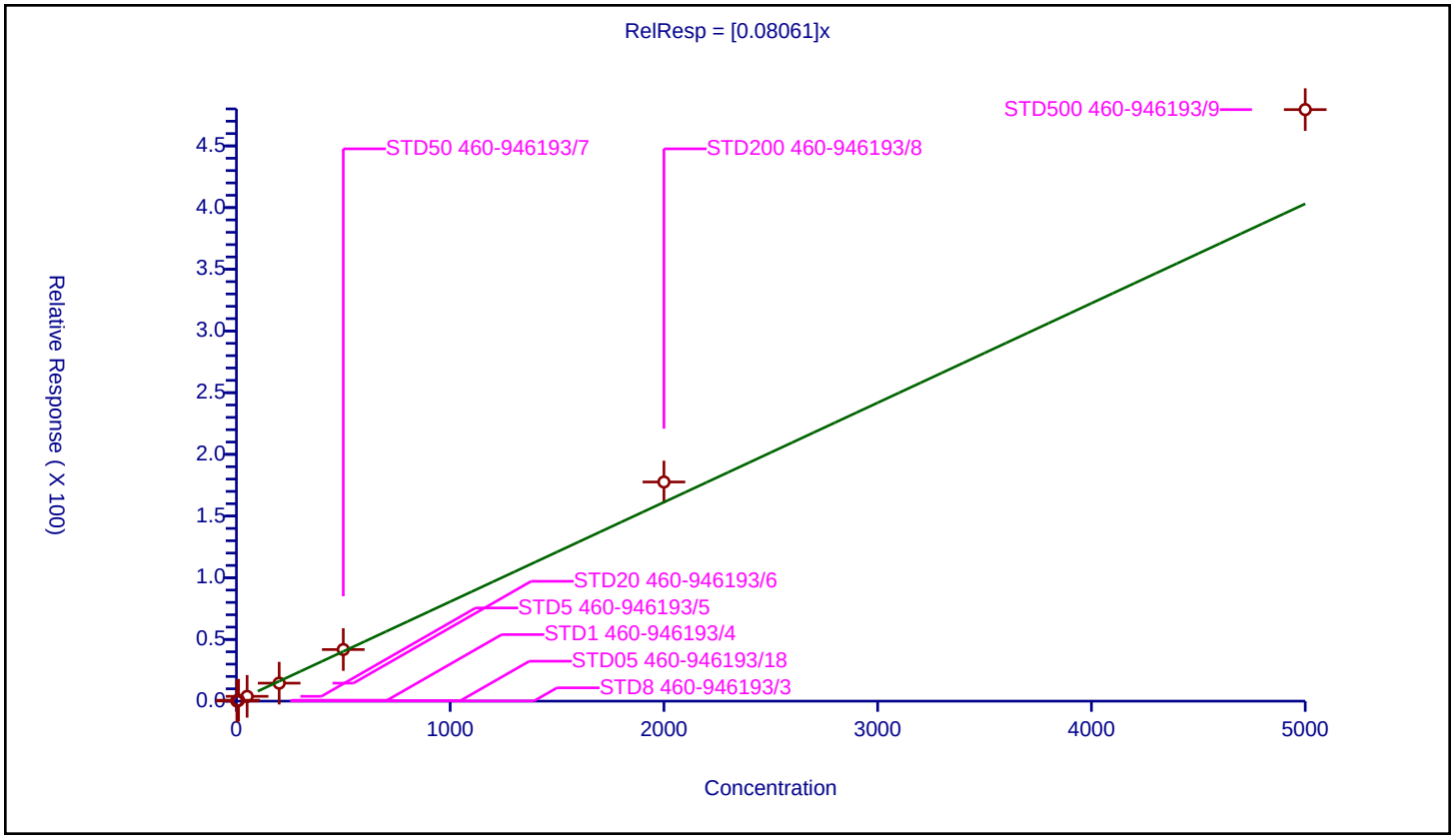
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08061 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2020000 |
| **Relative Standard Error:** | 10.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 2.0 | 0.15949 | 50.0 | 523229.0 | 0.079745 | Y |
| 2 | STD05 460-946193/18 | 5.0 | 0.36132 | 50.0 | 518515.0 | 0.072264 | Y |
| 3 | STD1 460-946193/4 | 10.0 | 0.736835 | 50.0 | 510019.0 | 0.073684 | Y |
| 4 | STD5 460-946193/5 | 50.0 | 3.896256 | 50.0 | 508039.0 | 0.077925 | Y |
| 5 | STD20 460-946193/6 | 200.0 | 14.588857 | 50.0 | 507682.0 | 0.072944 | Y |
| 6 | STD50 460-946193/7 | 500.0 | 41.830867 | 50.0 | 498070.0 | 0.083662 | Y |
| 7 | STD200 460-946193/8 | 2000.0 | 177.616443 | 50.0 | 510808.0 | 0.088808 | Y |
| 8 | STD500 460-946193/9 | 5000.0 | 479.408435 | 50.0 | 522107.0 | 0.095882 | Y |






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## Calibration / Methyl tert-butyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

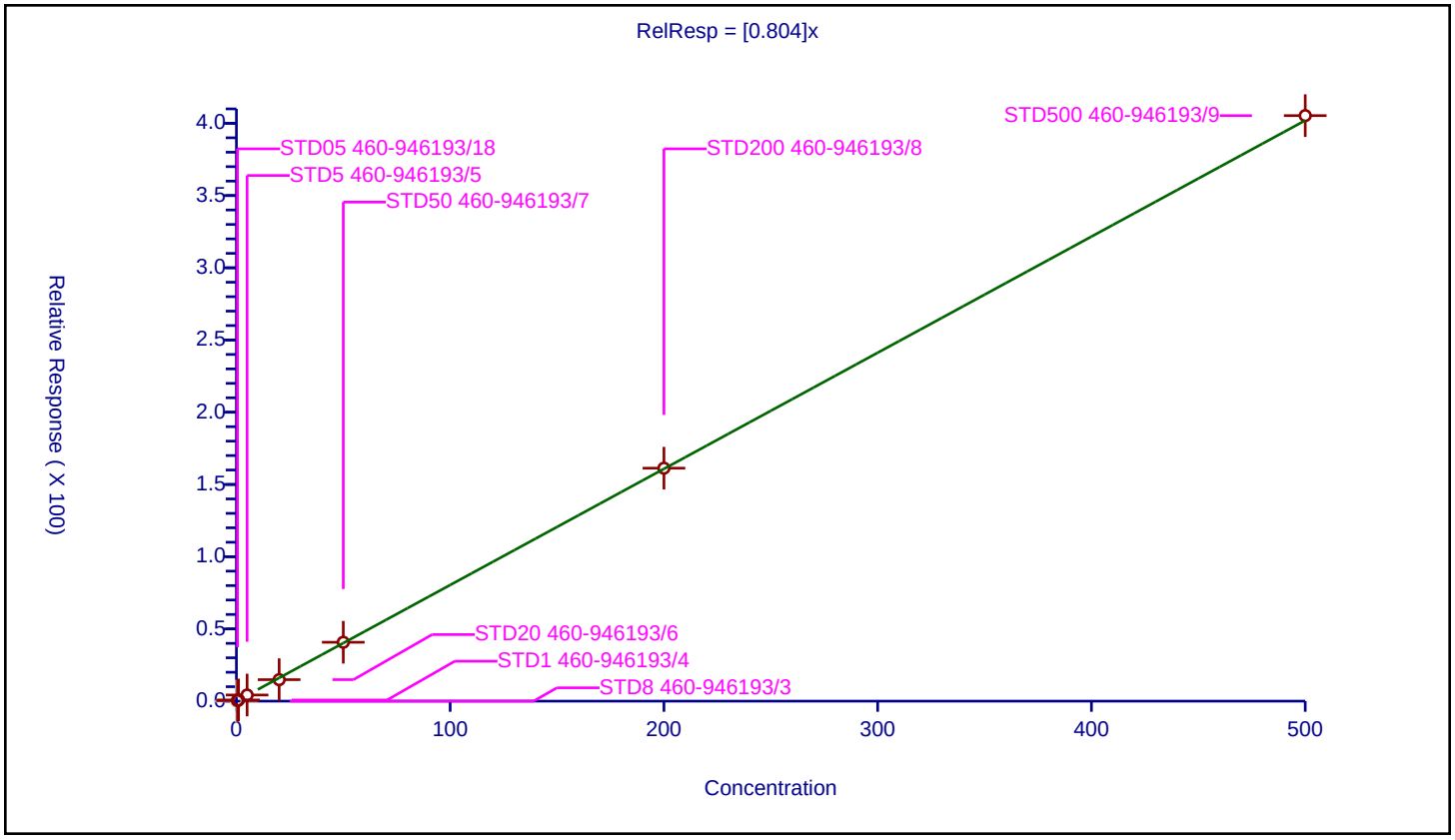
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.804 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1860000 |
| **Relative Standard Error:** | 4.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.402978 | 50.0 | 518515.0 | 0.805955 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.796441 | 50.0 | 510019.0 | 0.796441 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 4.251248 | 50.0 | 508039.0 | 0.85025 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 14.861764 | 50.0 | 507682.0 | 0.743088 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 40.766057 | 50.0 | 498070.0 | 0.815321 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 161.270086 | 50.0 | 510808.0 | 0.80635 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 405.328218 | 50.0 | 522107.0 | 0.810656 | Y |






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## Calibration / trans-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

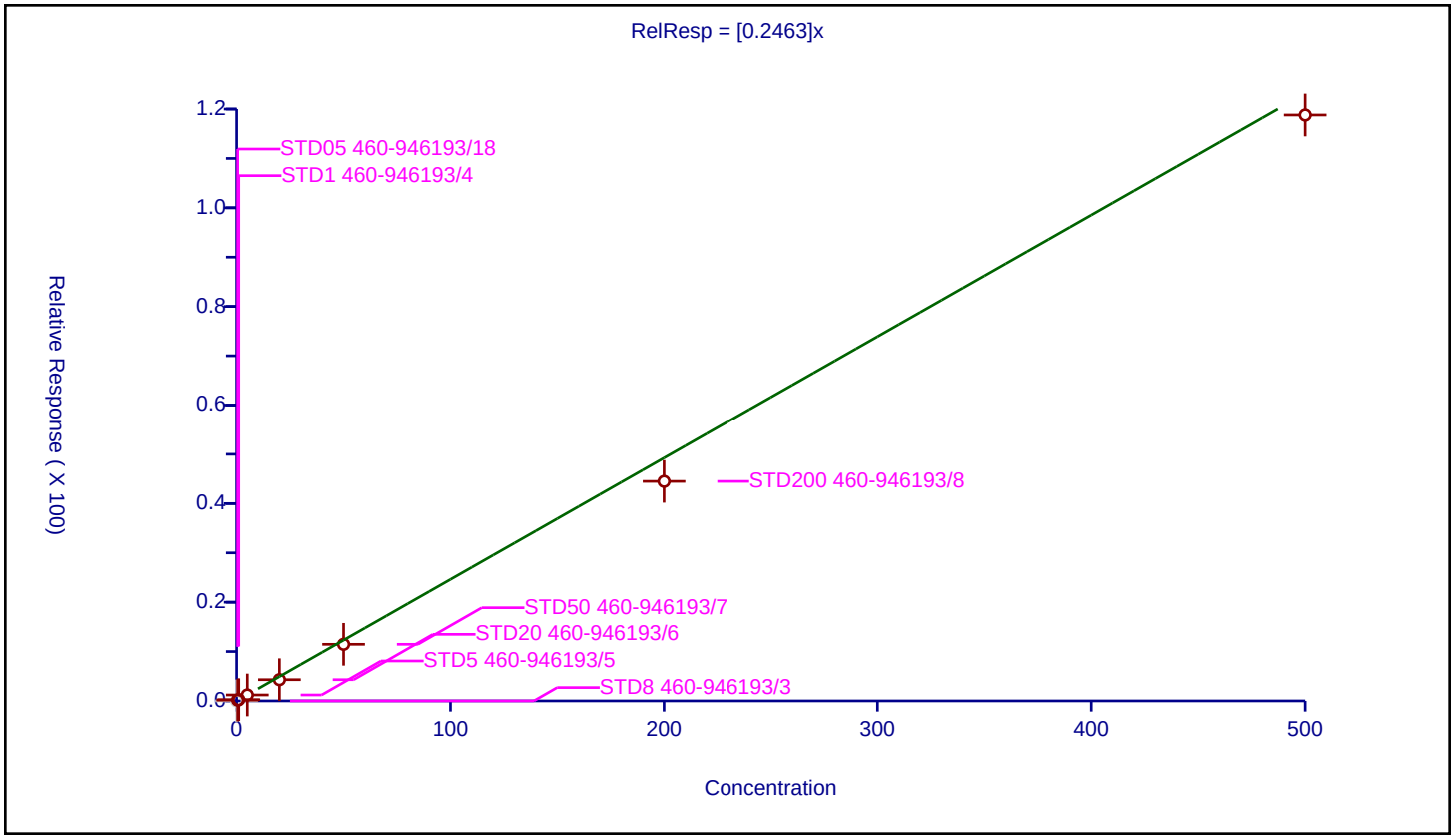
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2463 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 542000 |
| **Relative Standard Error:** | 15.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.964 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.164894 | 50.0 | 518515.0 | 0.329788 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.249304 | 50.0 | 510019.0 | 0.249304 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.203549 | 50.0 | 508039.0 | 0.24071 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.297868 | 50.0 | 507682.0 | 0.214893 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 11.468067 | 50.0 | 498070.0 | 0.229361 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 44.501457 | 50.0 | 510808.0 | 0.222507 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 118.797201 | 50.0 | 522107.0 | 0.237594 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

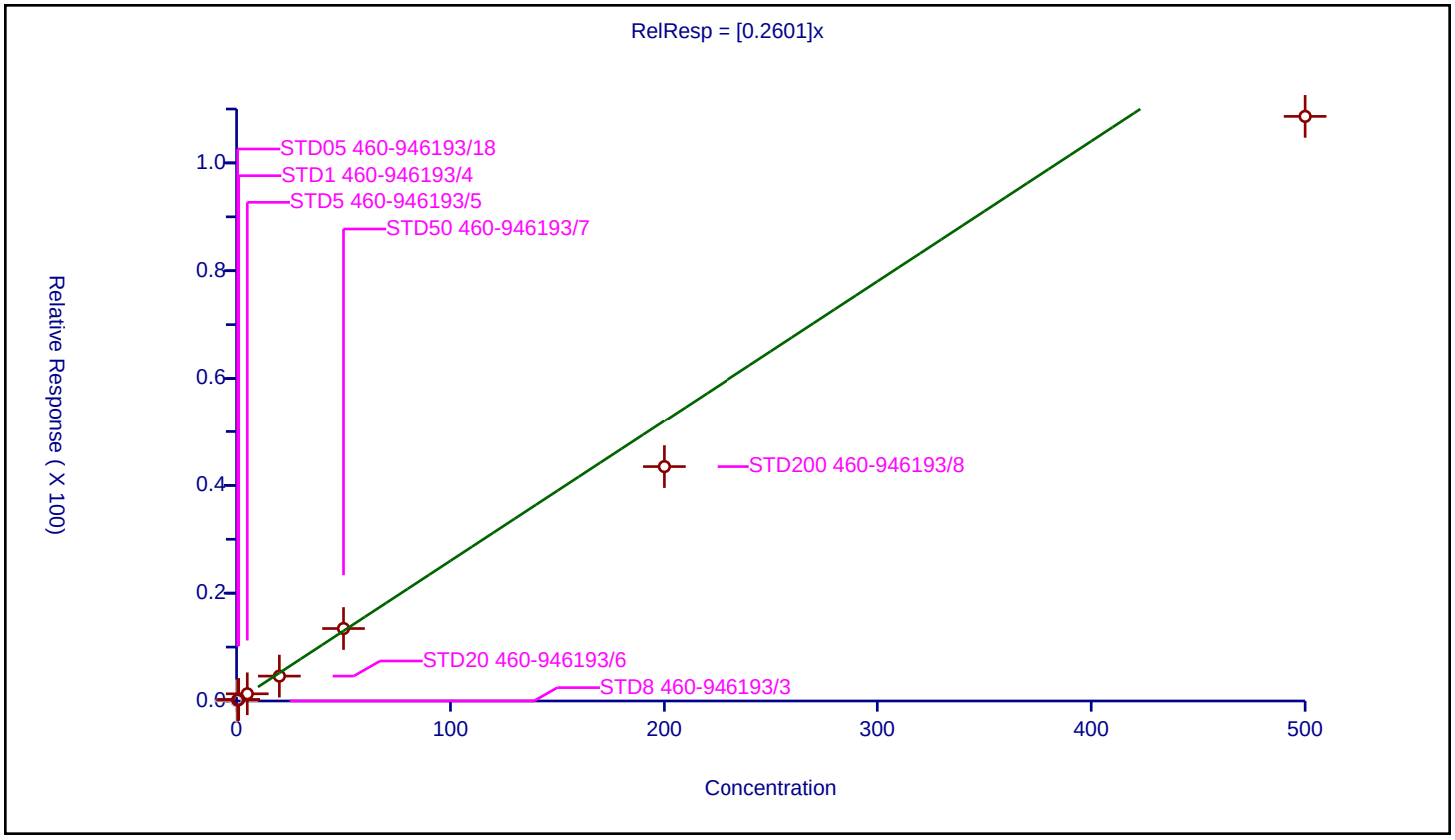
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2601 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 501000 |
| **Relative Standard Error:** | 16.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.961 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.166437 | 50.0 | 518515.0 | 0.332874 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.28695 | 50.0 | 510019.0 | 0.28695 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.330803 | 50.0 | 508039.0 | 0.266161 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.617654 | 50.0 | 507682.0 | 0.230883 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 13.444295 | 50.0 | 498070.0 | 0.268886 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 43.482874 | 50.0 | 510808.0 | 0.217414 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 108.634341 | 50.0 | 522107.0 | 0.217269 | Y |






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## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

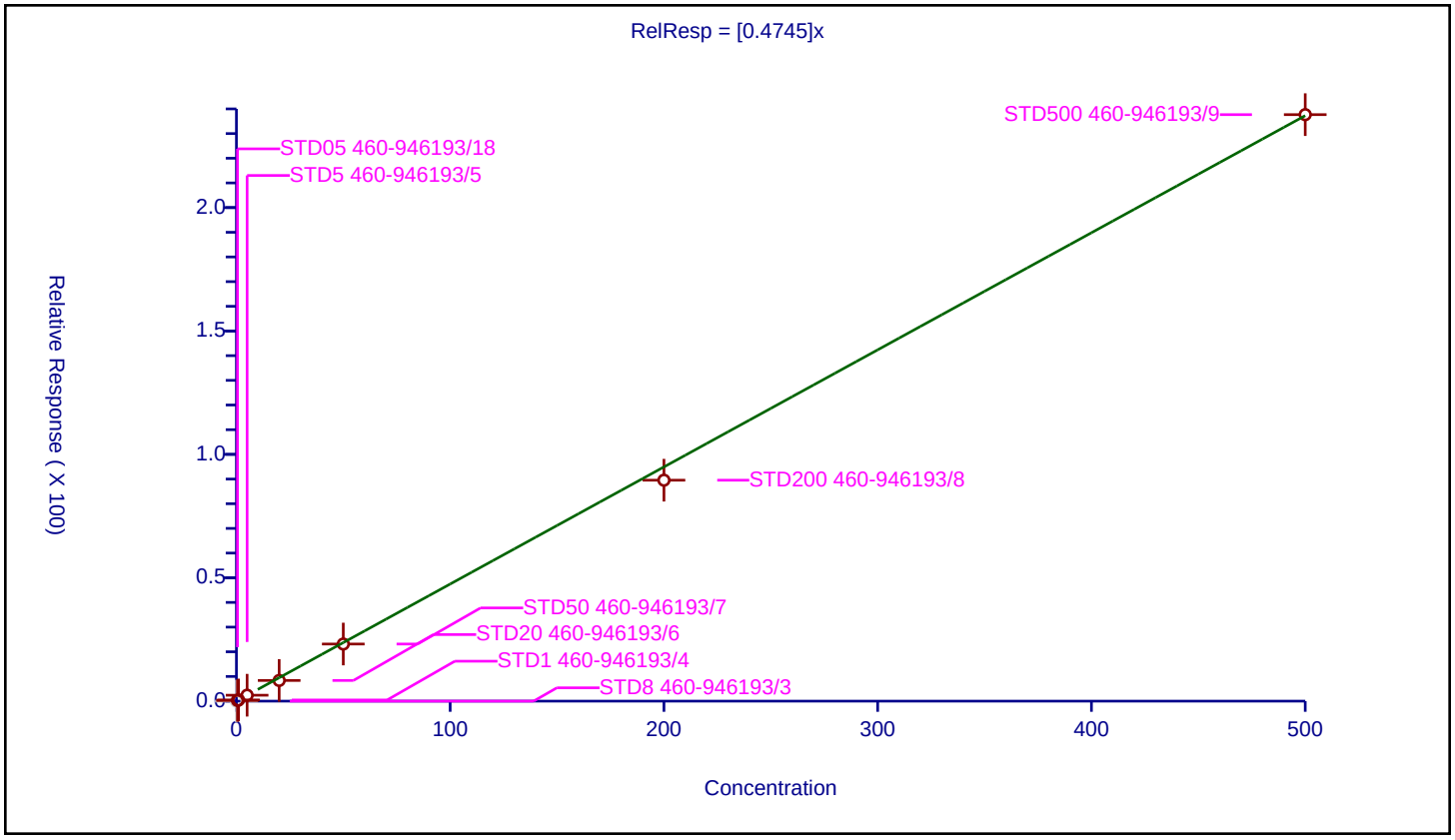
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4745 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1080000 |
| **Relative Standard Error:** | 9.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.282538 | 50.0 | 518515.0 | 0.565075 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.471649 | 50.0 | 510019.0 | 0.471649 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.400702 | 50.0 | 508039.0 | 0.48014 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 8.37936 | 50.0 | 507682.0 | 0.418968 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 23.143233 | 50.0 | 498070.0 | 0.462865 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 89.528747 | 50.0 | 510808.0 | 0.447644 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 237.672833 | 50.0 | 522107.0 | 0.475346 | Y |






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## Calibration / Vinyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

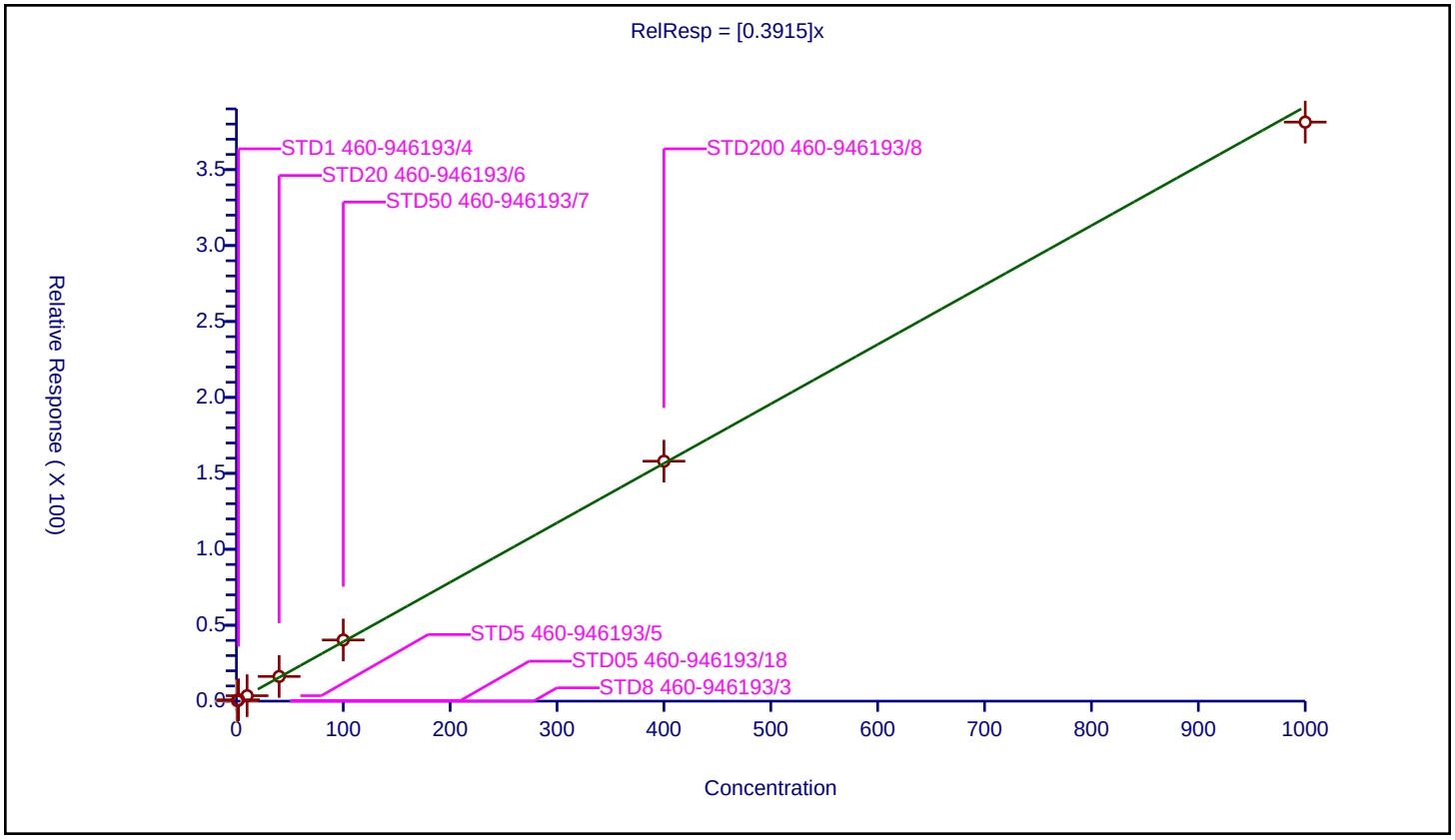
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3915 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 212000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 250.0 | 305900.0 | NaN | N |
| 2 | STD05 460-946193/18 | 1.0 | 0.356352 | 250.0 | 297459.0 | 0.356352 | Y |
| 3 | STD1 460-946193/4 | 2.0 | 0.879378 | 250.0 | 296232.0 | 0.439689 | Y |
| 4 | STD5 460-946193/5 | 10.0 | 3.584699 | 250.0 | 297654.0 | 0.35847 | Y |
| 5 | STD20 460-946193/6 | 40.0 | 16.260991 | 250.0 | 287175.0 | 0.406525 | Y |
| 6 | STD50 460-946193/7 | 100.0 | 40.282212 | 250.0 | 292263.0 | 0.402822 | Y |
| 7 | STD200 460-946193/8 | 400.0 | 158.018052 | 250.0 | 294710.0 | 0.395045 | Y |
| 8 | STD500 460-946193/9 | 1000.0 | 381.27554 | 250.0 | 316666.0 | 0.381276 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

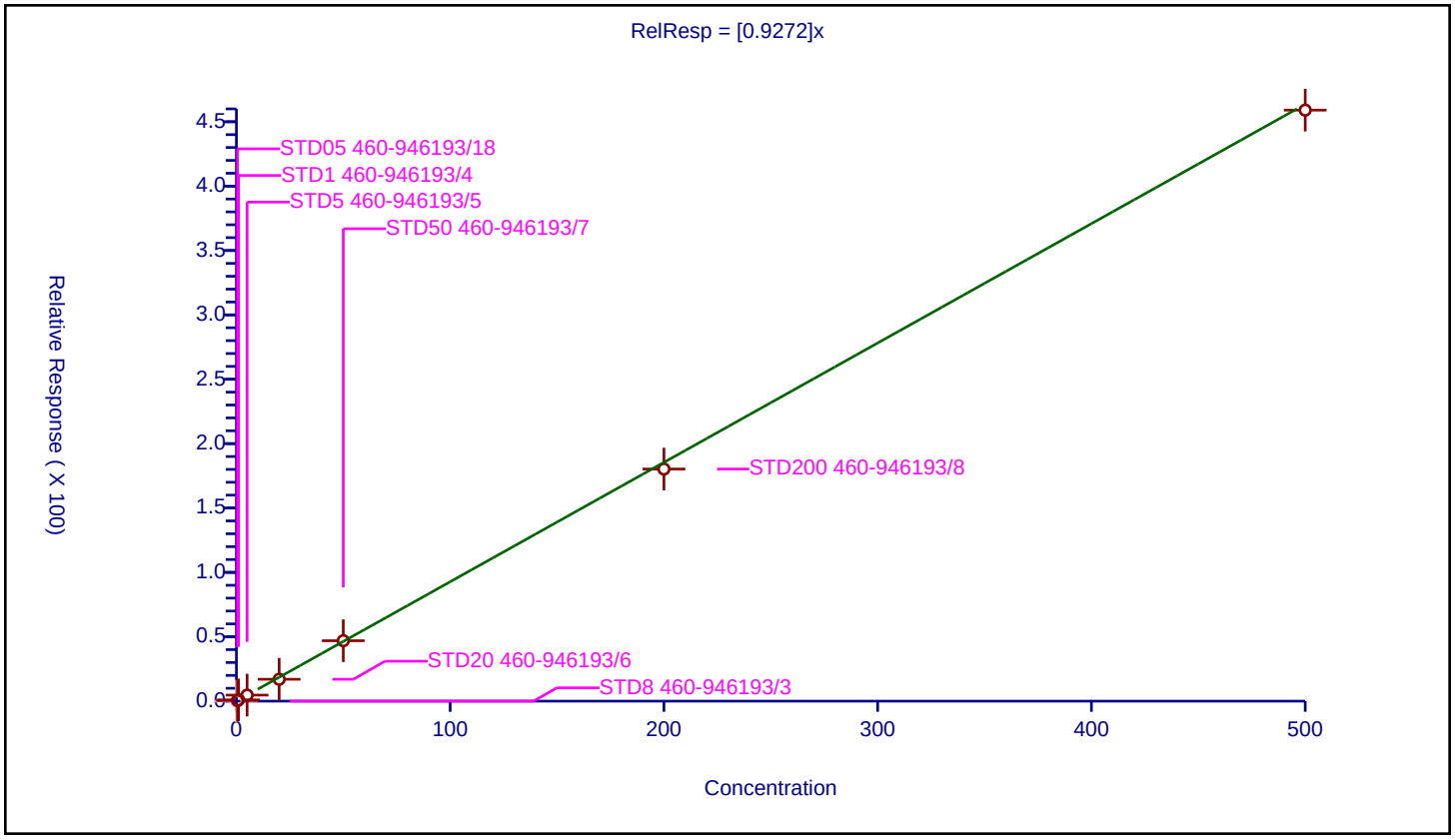
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9272 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2110000 |
| **Relative Standard Error:** | 4.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.496418 | 50.0 | 518515.0 | 0.992835 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.952514 | 50.0 | 510019.0 | 0.952514 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 4.687928 | 50.0 | 508039.0 | 0.937586 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 16.992428 | 50.0 | 507682.0 | 0.849621 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 46.920212 | 50.0 | 498070.0 | 0.938404 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 180.273606 | 50.0 | 510808.0 | 0.901368 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 459.018075 | 50.0 | 522107.0 | 0.918036 | Y |



## Calibration / 2-Chloro-1,3-butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

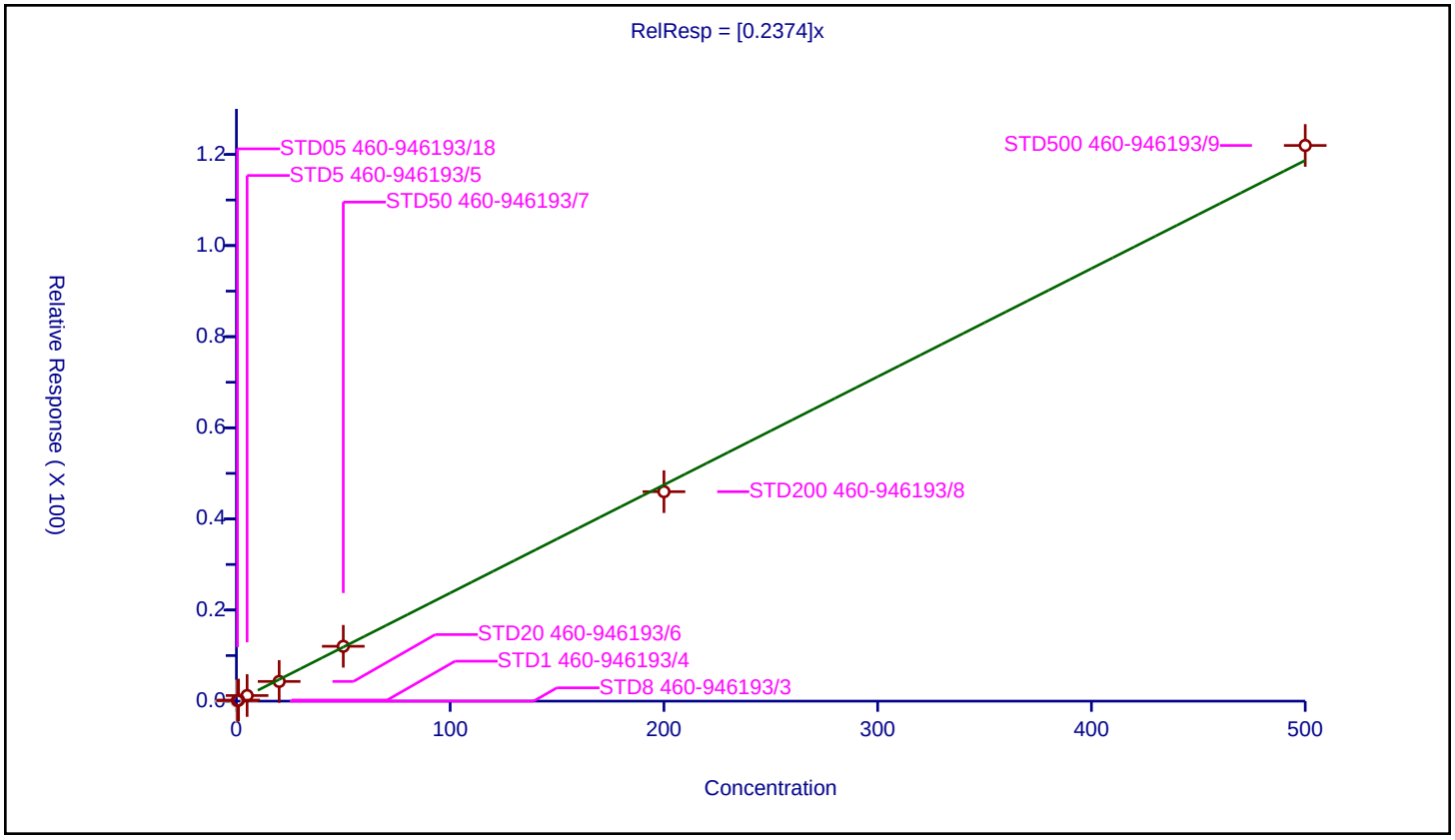
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2374 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 557000 |
| **Relative Standard Error:** | 5.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.125744 | 50.0 | 518515.0 | 0.251487 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.233619 | 50.0 | 510019.0 | 0.233619 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.22963 | 50.0 | 508039.0 | 0.245926 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.32111 | 50.0 | 507682.0 | 0.216056 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 12.039071 | 50.0 | 498070.0 | 0.240781 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 45.978039 | 50.0 | 510808.0 | 0.22989 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 121.975572 | 50.0 | 522107.0 | 0.243951 | Y |






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## Calibration / Tert-butyl ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

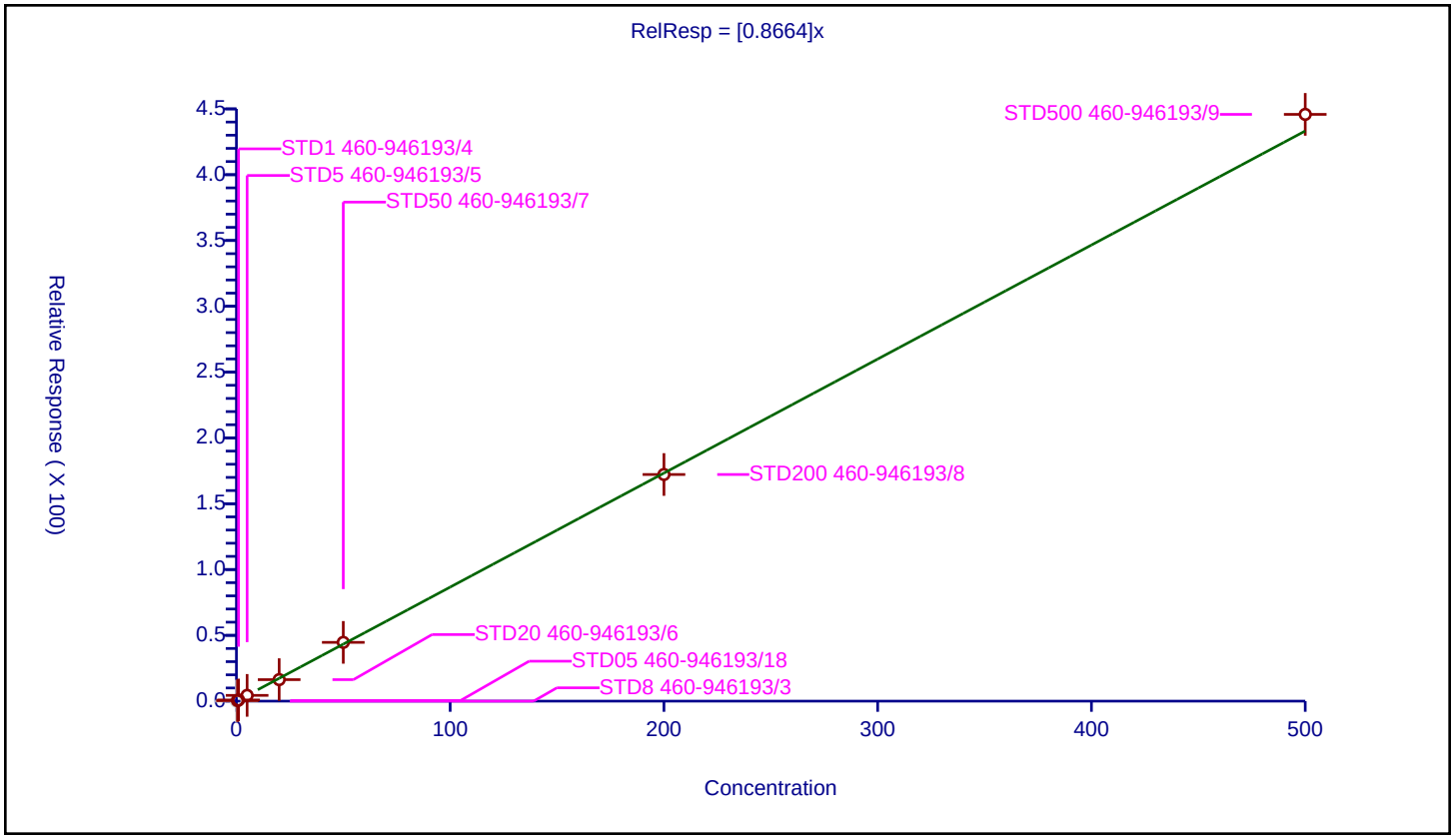
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8664 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2040000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.423806 | 50.0 | 518515.0 | 0.847613 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.879575 | 50.0 | 510019.0 | 0.879575 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 4.371515 | 50.0 | 508039.0 | 0.874303 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 16.349506 | 50.0 | 507682.0 | 0.817475 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 44.654366 | 50.0 | 498070.0 | 0.893087 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 172.213826 | 50.0 | 510808.0 | 0.861069 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 445.826526 | 50.0 | 522107.0 | 0.891653 | Y |






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## Calibration / 2,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

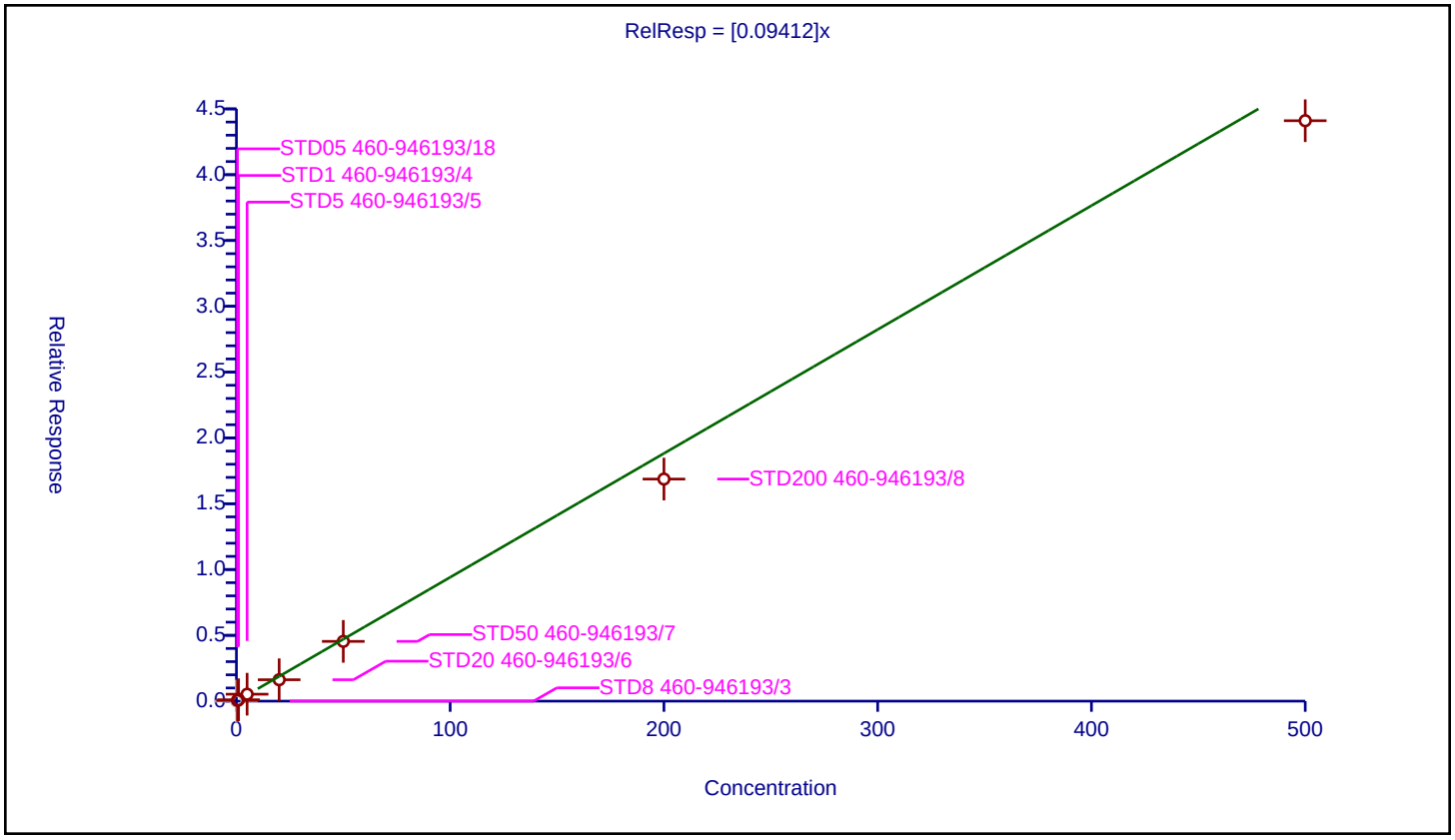
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09412 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 202000 |
| **Relative Standard Error:** | 11.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.052361 | 50.0 | 518515.0 | 0.104722 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.104016 | 50.0 | 510019.0 | 0.104016 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.526928 | 50.0 | 508039.0 | 0.105386 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 1.626904 | 50.0 | 507682.0 | 0.081345 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 4.539523 | 50.0 | 498070.0 | 0.09079 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 16.872974 | 50.0 | 510808.0 | 0.084365 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 44.102358 | 50.0 | 522107.0 | 0.088205 | Y |






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## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

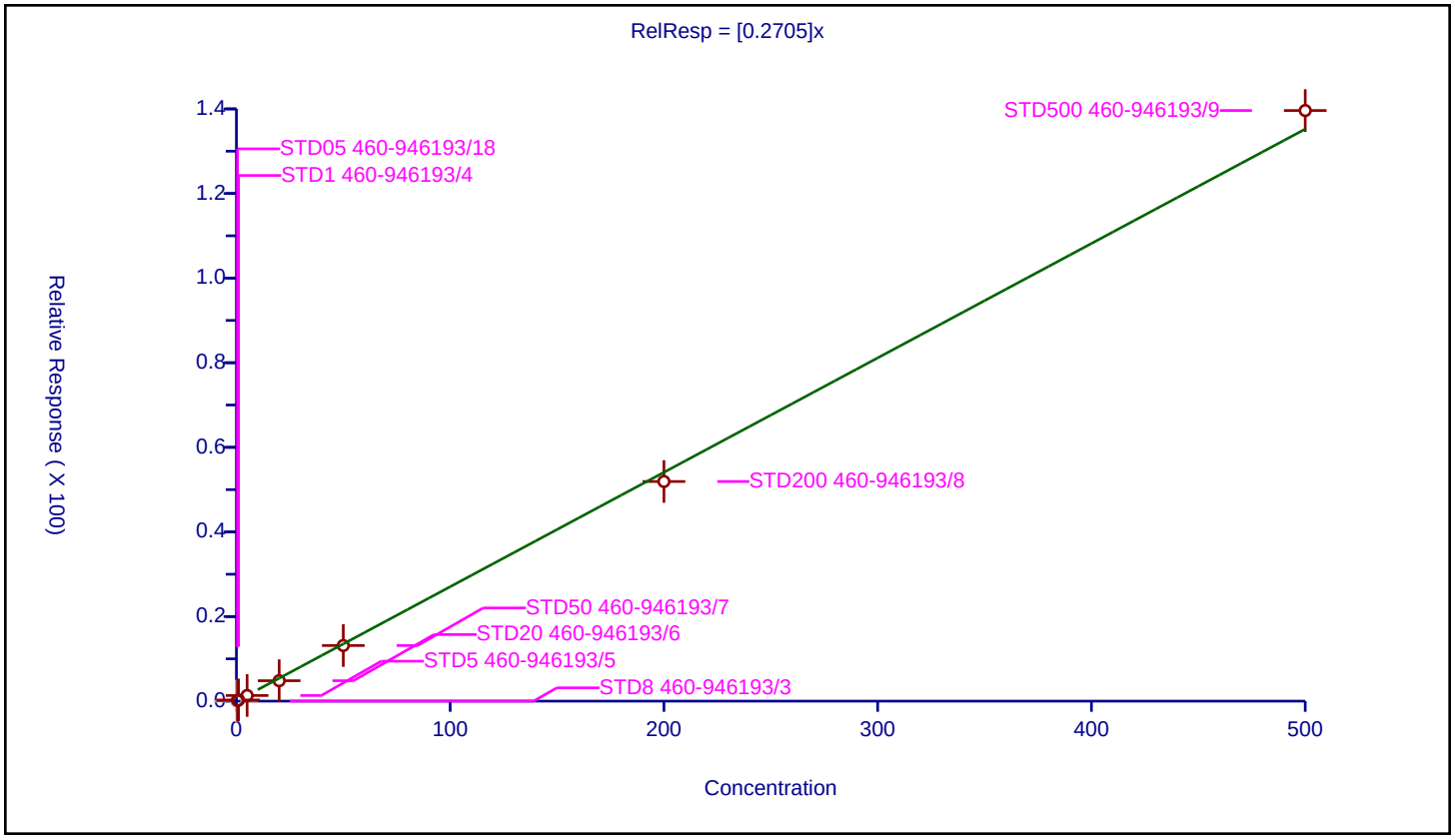
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2705 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 636000 |
| **Relative Standard Error:** | 7.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.154576 | 50.0 | 518515.0 | 0.309152 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.274402 | 50.0 | 510019.0 | 0.274402 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.334346 | 50.0 | 508039.0 | 0.266869 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 4.822901 | 50.0 | 507682.0 | 0.241145 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 13.141727 | 50.0 | 498070.0 | 0.262835 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 51.916571 | 50.0 | 510808.0 | 0.259583 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 139.612761 | 50.0 | 522107.0 | 0.279226 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

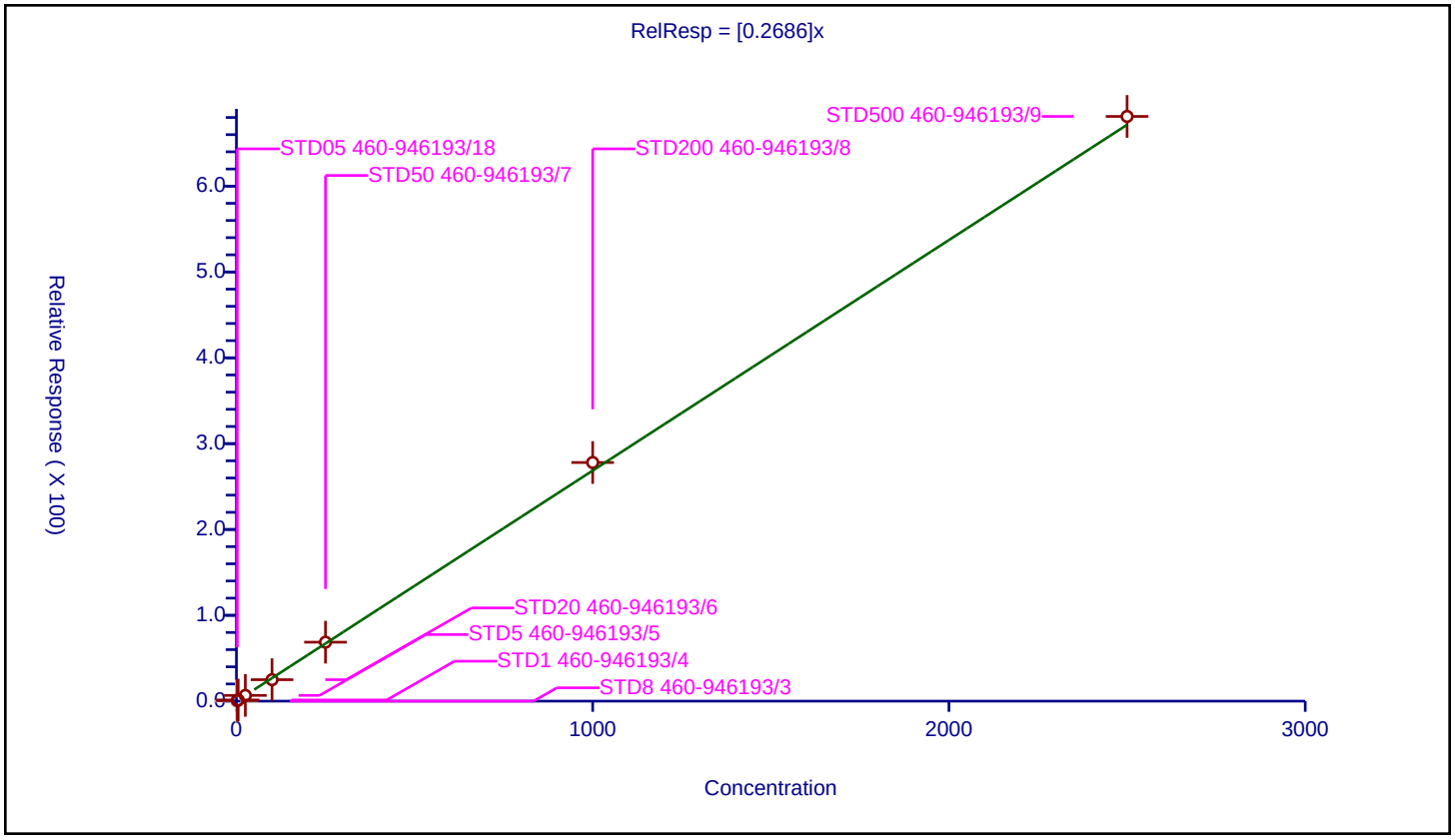
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2686 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 378000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 250.0 | 305900.0 | NaN | N |
| 2 | STD05 460-946193/18 | 2.5 | 0.674883 | 250.0 | 297459.0 | 0.269953 | Y |
| 3 | STD1 460-946193/4 | 5.0 | 1.338478 | 250.0 | 296232.0 | 0.267696 | Y |
| 4 | STD5 460-946193/5 | 25.0 | 6.686455 | 250.0 | 297654.0 | 0.267458 | Y |
| 5 | STD20 460-946193/6 | 100.0 | 24.980413 | 250.0 | 287175.0 | 0.249804 | Y |
| 6 | STD50 460-946193/7 | 250.0 | 68.685567 | 250.0 | 292263.0 | 0.274742 | Y |
| 7 | STD200 460-946193/8 | 1000.0 | 278.006345 | 250.0 | 294710.0 | 0.278006 | Y |
| 8 | STD500 460-946193/9 | 2500.0 | 681.23196 | 250.0 | 316666.0 | 0.272493 | Y |



## Calibration / Propionitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

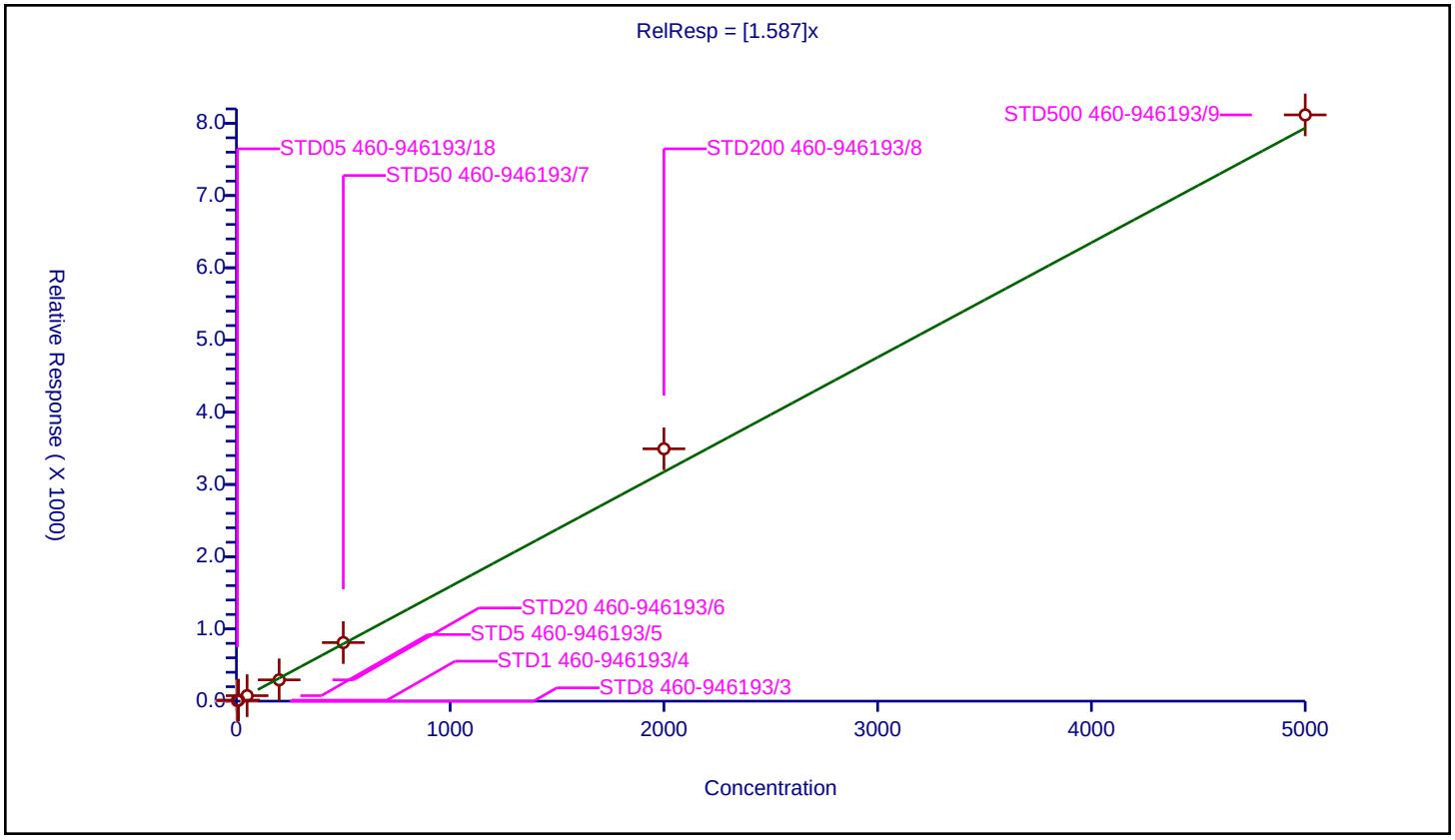
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.587 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 930000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 224546.0 | NaN | N |
| 2 | STD05 460-946193/18 | 5.0 | 8.402887 | 1000.0 | 212427.0 | 1.680577 | Y |
| 3 | STD1 460-946193/4 | 10.0 | 14.478104 | 1000.0 | 220609.0 | 1.44781 | Y |
| 4 | STD5 460-946193/5 | 50.0 | 75.709168 | 1000.0 | 216909.0 | 1.514183 | Y |
| 5 | STD20 460-946193/6 | 200.0 | 294.944187 | 1000.0 | 206673.0 | 1.474721 | Y |
| 6 | STD50 460-946193/7 | 500.0 | 810.649759 | 1000.0 | 214972.0 | 1.6213 | Y |
| 7 | STD200 460-946193/8 | 2000.0 | 3493.461154 | 1000.0 | 211964.0 | 1.746731 | Y |
| 8 | STD500 460-946193/9 | 5000.0 | 8116.613346 | 1000.0 | 265690.0 | 1.623323 | Y |






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## Calibration / Ethyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

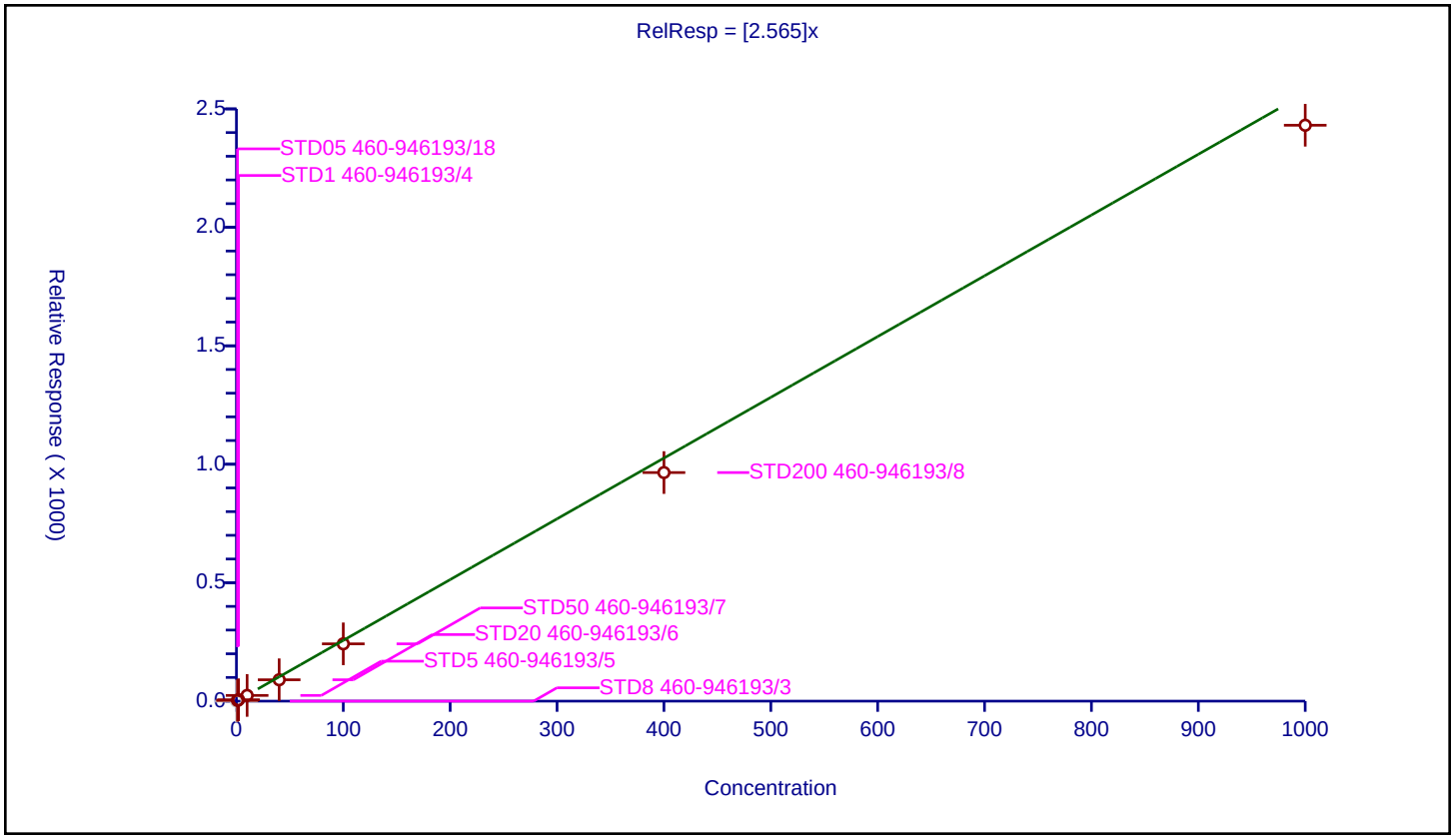
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.565 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1340000 |
| **Relative Standard Error:** | 12.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 250.0 | 305900.0 | NaN | N |
| 2 | STD05 460-946193/18 | 1.0 | 3.10547 | 250.0 | 297459.0 | 3.10547 | Y |
| 3 | STD1 460-946193/4 | 2.0 | 5.845081 | 250.0 | 296232.0 | 2.92254 | Y |
| 4 | STD5 460-946193/5 | 10.0 | 24.080812 | 250.0 | 297654.0 | 2.408081 | Y |
| 5 | STD20 460-946193/6 | 40.0 | 90.223731 | 250.0 | 287175.0 | 2.255593 | Y |
| 6 | STD50 460-946193/7 | 100.0 | 241.931069 | 250.0 | 292263.0 | 2.419311 | Y |
| 7 | STD200 460-946193/8 | 400.0 | 964.9206 | 250.0 | 294710.0 | 2.412301 | Y |
| 8 | STD500 460-946193/9 | 1000.0 | 2430.970644 | 250.0 | 316666.0 | 2.430971 | Y |






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## Calibration / Methyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

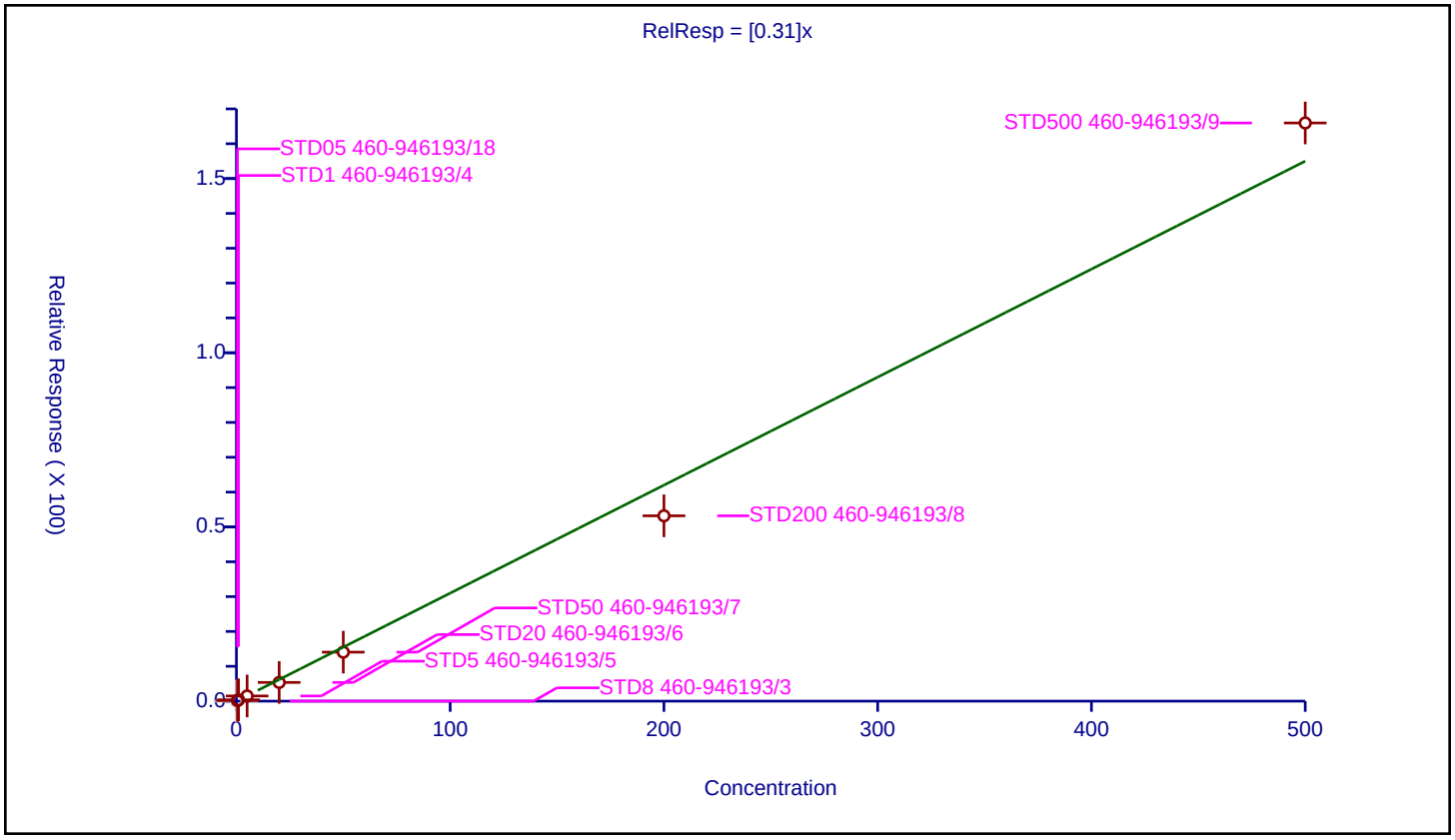
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.31 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 744000 |
| **Relative Standard Error:** | 14.1 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.973 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.172126 | 50.0 | 518515.0 | 0.344252 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.38126 | 50.0 | 510019.0 | 0.38126 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.484925 | 50.0 | 508039.0 | 0.296985 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.366942 | 50.0 | 507682.0 | 0.268347 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 14.062381 | 50.0 | 498070.0 | 0.281248 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 53.195134 | 50.0 | 510808.0 | 0.265976 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 165.955159 | 50.0 | 522107.0 | 0.33191 | Y |






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## Calibration / Chlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

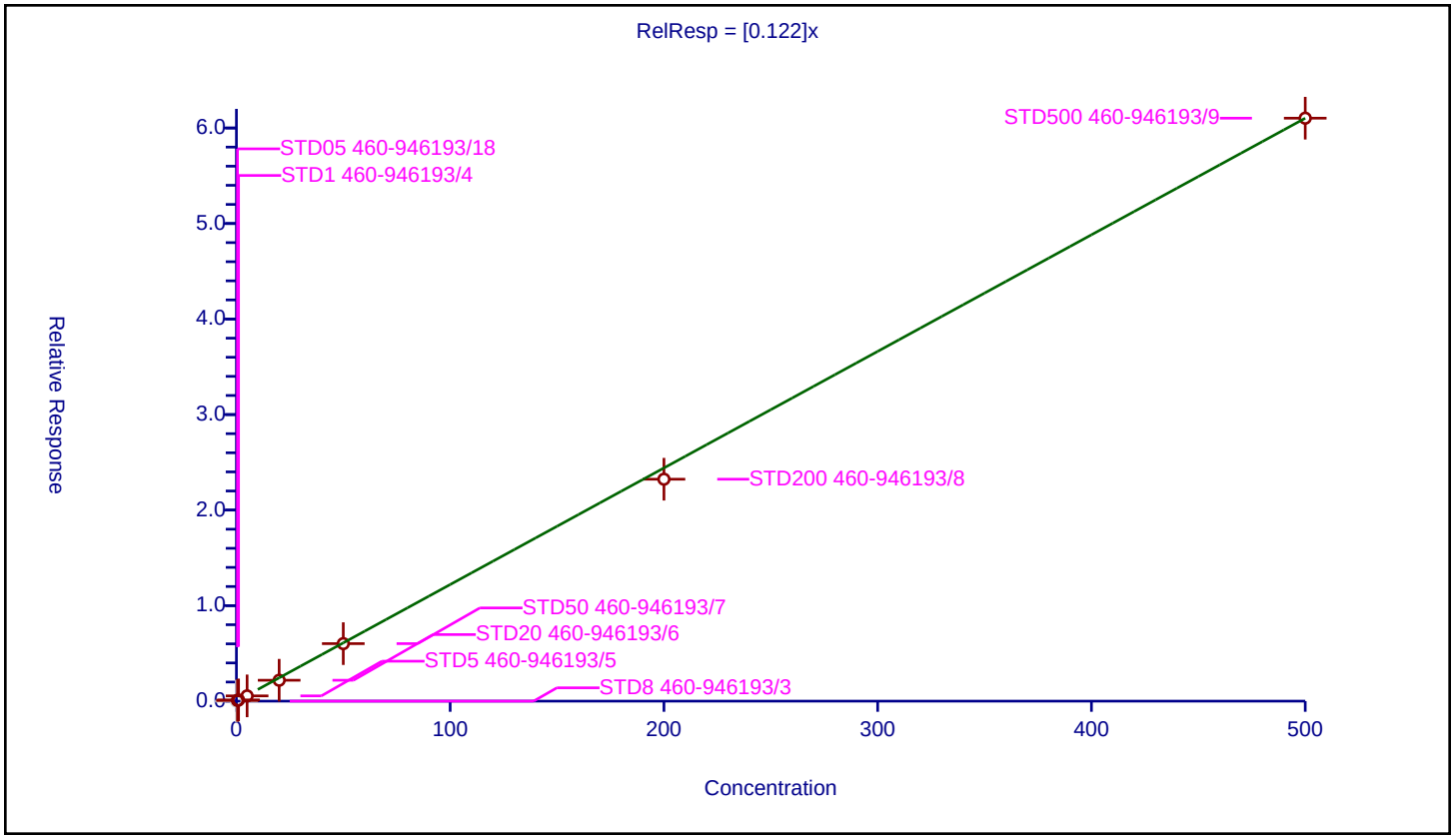
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.122 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 279000 |
| **Relative Standard Error:** | 11.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.980 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.076179 | 50.0 | 518515.0 | 0.152358 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.123917 | 50.0 | 510019.0 | 0.123917 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.550155 | 50.0 | 508039.0 | 0.110031 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 2.187787 | 50.0 | 507682.0 | 0.109389 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 6.020941 | 50.0 | 498070.0 | 0.120419 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 23.233093 | 50.0 | 510808.0 | 0.116165 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 61.027529 | 50.0 | 522107.0 | 0.122055 | Y |



## Calibration / Methacrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

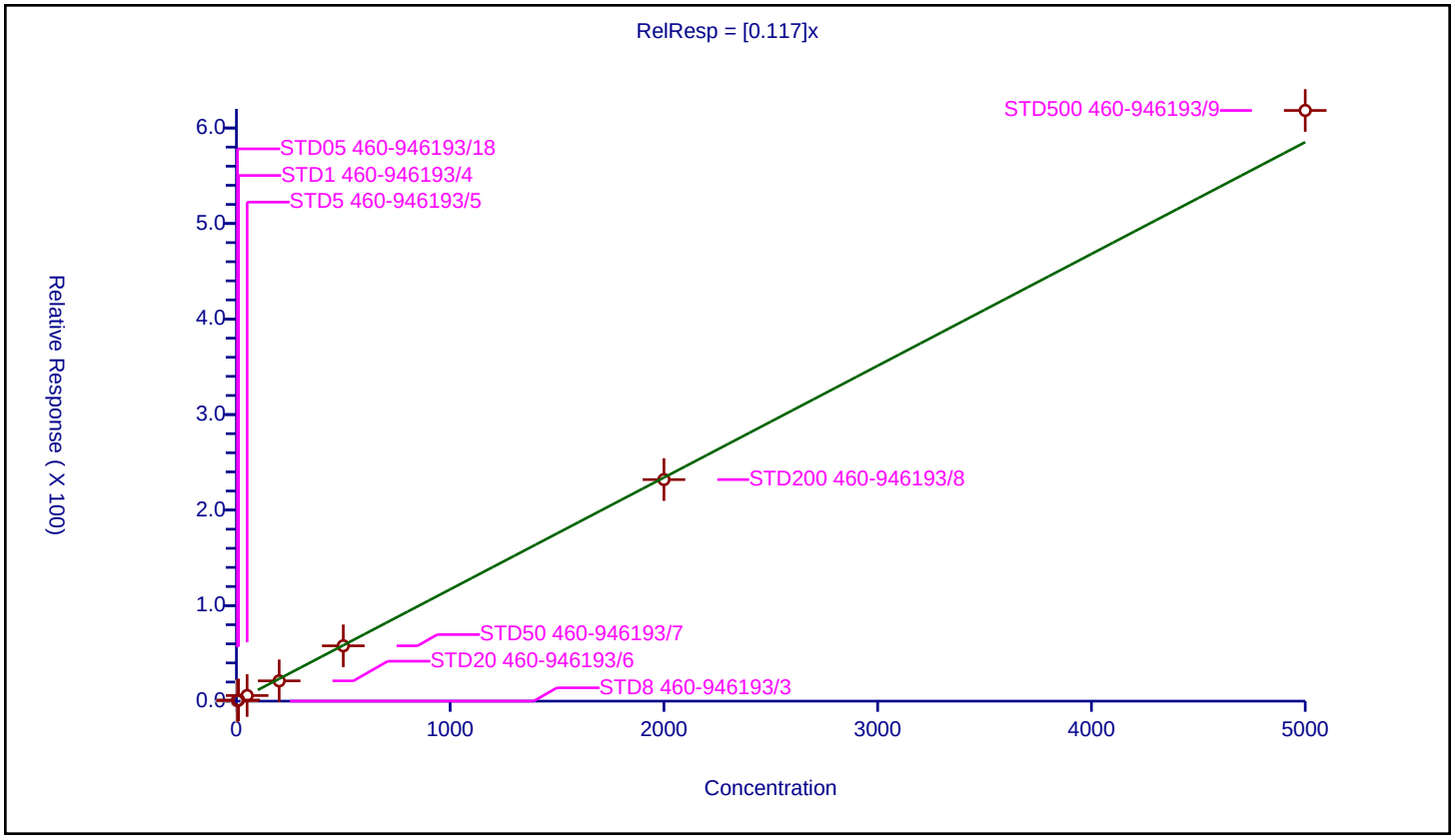
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.117 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2820000 |
| **Relative Standard Error:** | 4.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 5.0 | 0.605672 | 50.0 | 518515.0 | 0.121134 | Y |
| 3 | STD1 460-946193/4 | 10.0 | 1.188877 | 50.0 | 510019.0 | 0.118888 | Y |
| 4 | STD5 460-946193/5 | 50.0 | 5.875238 | 50.0 | 508039.0 | 0.117505 | Y |
| 5 | STD20 460-946193/6 | 200.0 | 21.245287 | 50.0 | 507682.0 | 0.106226 | Y |
| 6 | STD50 460-946193/7 | 500.0 | 57.916959 | 50.0 | 498070.0 | 0.115834 | Y |
| 7 | STD200 460-946193/8 | 2000.0 | 231.934797 | 50.0 | 510808.0 | 0.115967 | Y |
| 8 | STD500 460-946193/9 | 5000.0 | 618.355912 | 50.0 | 522107.0 | 0.123671 | Y |






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## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

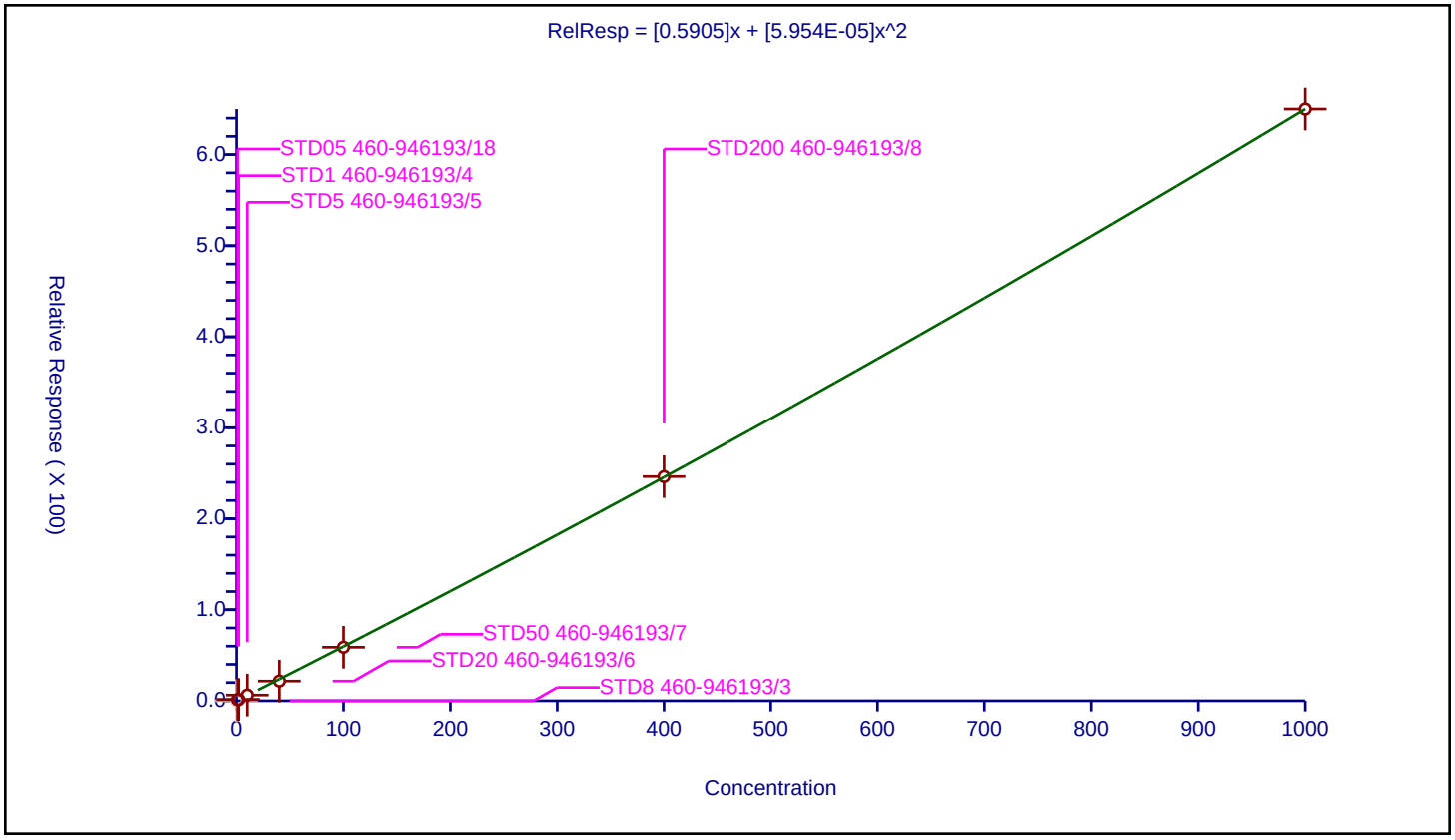
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5905 |
| **Second Order:** | 5.954E-05 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 391000 |
| **Relative Standard Error:** | 46.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 250.0 | 305900.0 | NaN | N |
| 2 | STD05 460-946193/18 | 1.0 | 1.203527 | 250.0 | 297459.0 | 1.203527 | Y |
| 3 | STD1 460-946193/4 | 2.0 | 1.312316 | 250.0 | 296232.0 | 0.656158 | Y |
| 4 | STD5 460-946193/5 | 10.0 | 6.263984 | 250.0 | 297654.0 | 0.626398 | Y |
| 5 | STD20 460-946193/6 | 40.0 | 21.646209 | 250.0 | 287175.0 | 0.541155 | Y |
| 6 | STD50 460-946193/7 | 100.0 | 58.80149 | 250.0 | 292263.0 | 0.588015 | Y |
| 7 | STD200 460-946193/8 | 400.0 | 246.359981 | 250.0 | 294710.0 | 0.6159 | Y |
| 8 | STD500 460-946193/9 | 1000.0 | 649.961631 | 250.0 | 316666.0 | 0.649962 | Y |



## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

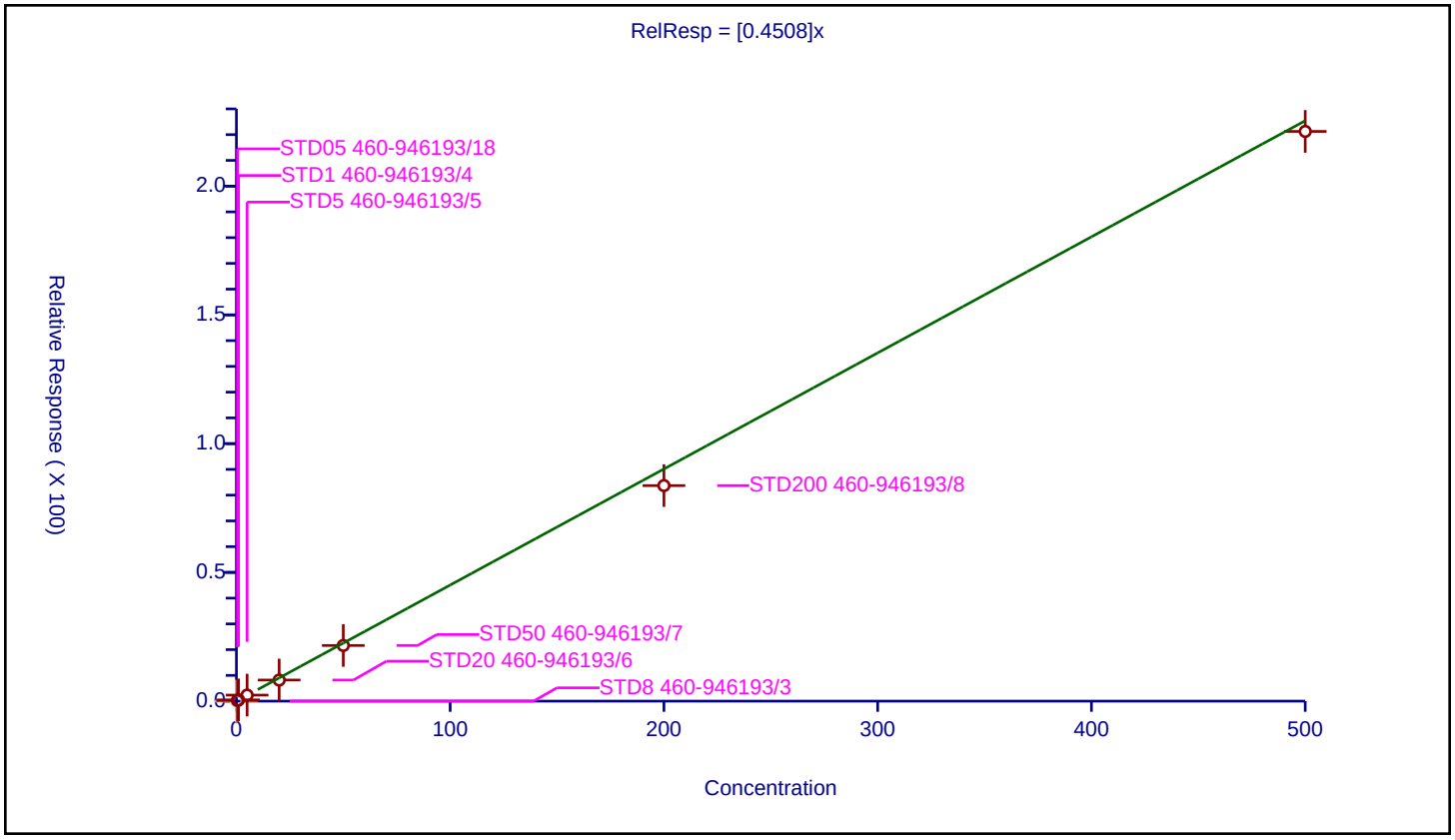
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4508 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1010000 |
| **Relative Standard Error:** | 7.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.25033 | 50.0 | 518515.0 | 0.500661 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.484002 | 50.0 | 510019.0 | 0.484002 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.340175 | 50.0 | 508039.0 | 0.468035 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 8.1945 | 50.0 | 507682.0 | 0.409725 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 21.608408 | 50.0 | 498070.0 | 0.432168 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 83.702487 | 50.0 | 510808.0 | 0.418512 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 221.24622 | 50.0 | 522107.0 | 0.442492 | Y |






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## Calibration / Dibromofluoromethane (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

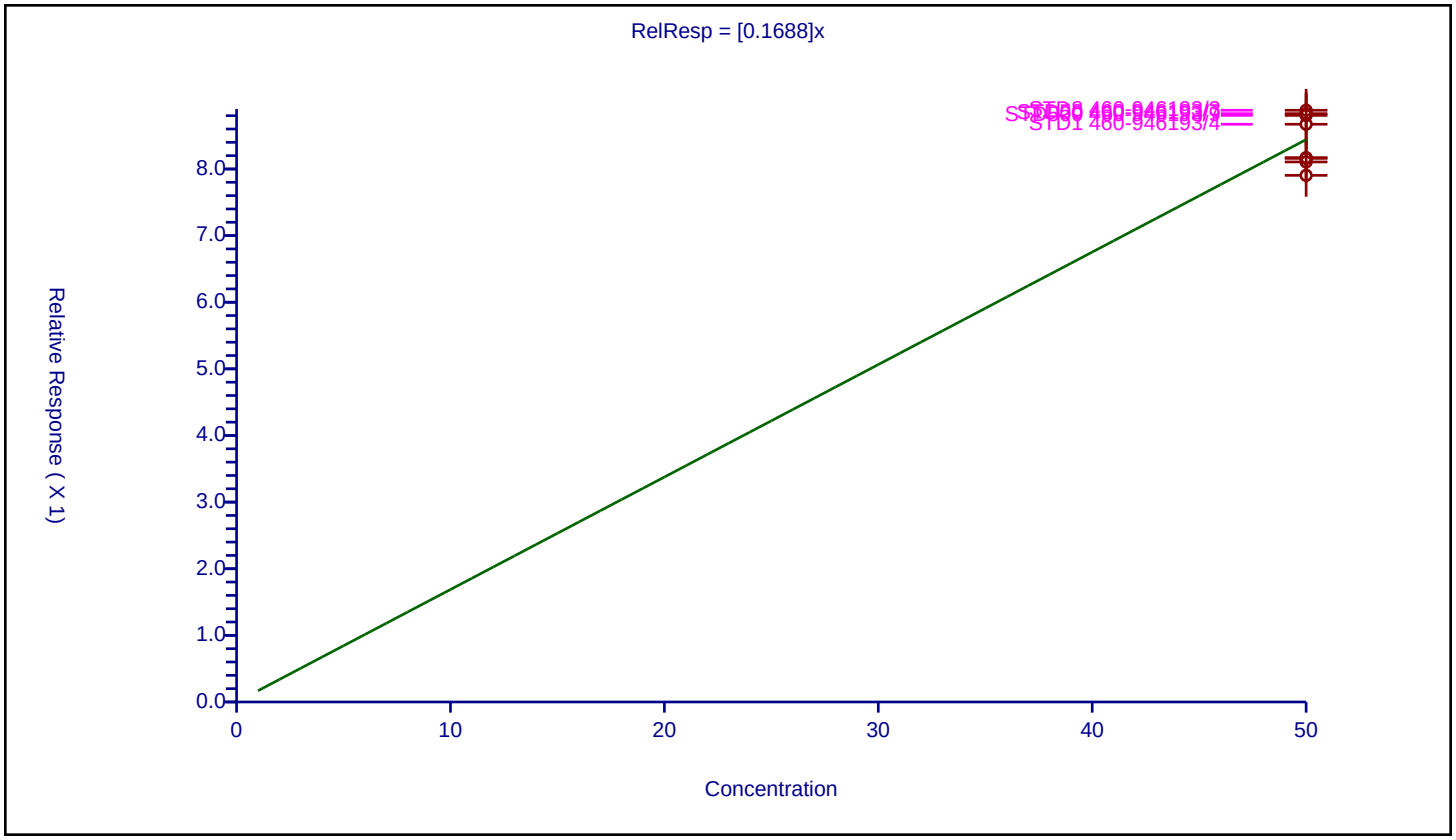
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1688 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 92600 |
| **Relative Standard Error:** | 4.7 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 50.0 | 8.881293 | 50.0 | 523229.0 | 0.177626 | Y |
| 2 | STD1 460-946193/4 | 50.0 | 8.671638 | 50.0 | 510019.0 | 0.173433 | Y |
| 3 | STD5 460-946193/5 | 50.0 | 8.170731 | 50.0 | 508039.0 | 0.163415 | Y |
| 4 | STD20 460-946193/6 | 50.0 | 8.158749 | 50.0 | 507682.0 | 0.163175 | Y |
| 5 | STD50 460-946193/7 | 50.0 | 8.830686 | 50.0 | 498070.0 | 0.176614 | Y |
| 6 | STD200 460-946193/8 | 50.0 | 7.904242 | 50.0 | 510808.0 | 0.158085 | Y |
| 7 | STD500 460-946193/9 | 50.0 | 8.803942 | 50.0 | 522107.0 | 0.176079 | Y |
| 8 | STD05 460-946193/18 | 50.0 | 8.105648 | 50.0 | 518515.0 | 0.162113 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

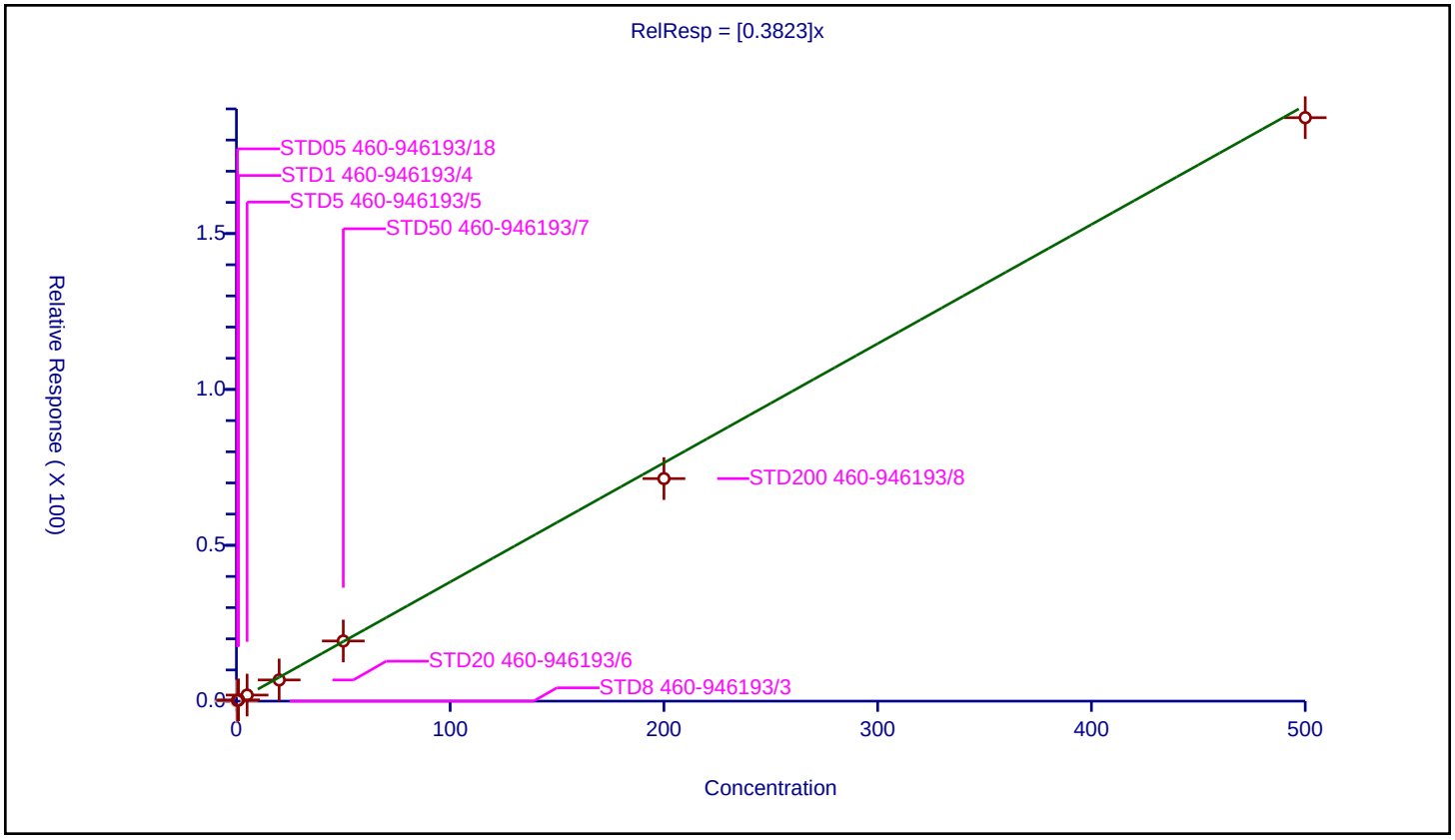
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3823 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 856000 |
| **Relative Standard Error:** | 7.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.215037 | 50.0 | 518515.0 | 0.430074 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.399005 | 50.0 | 510019.0 | 0.399005 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.948768 | 50.0 | 508039.0 | 0.389754 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 6.798744 | 50.0 | 507682.0 | 0.339937 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 19.299396 | 50.0 | 498070.0 | 0.385988 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 71.391599 | 50.0 | 510808.0 | 0.356958 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 187.181363 | 50.0 | 522107.0 | 0.374363 | Y |



## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

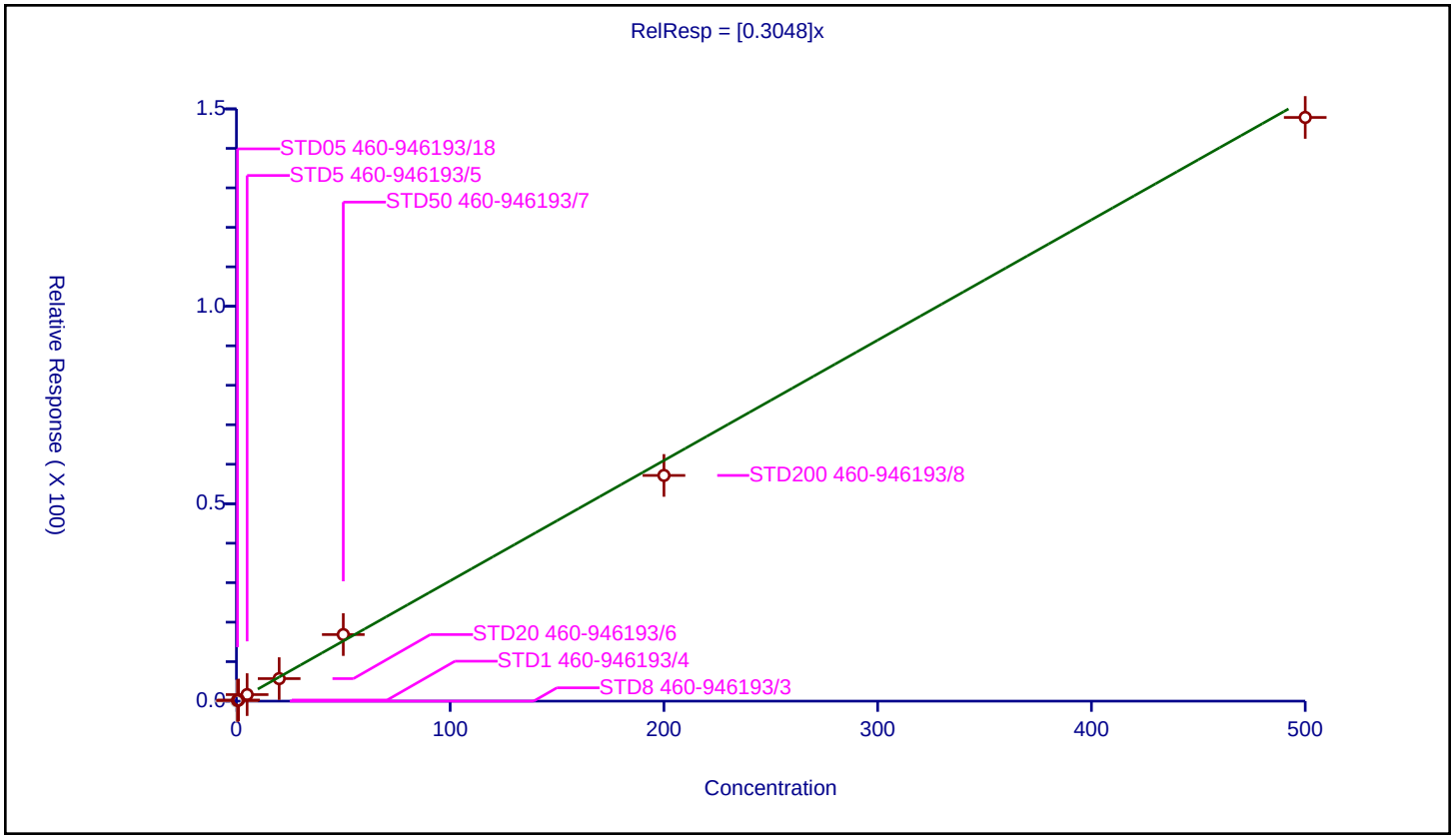
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3048 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 678000 |
| **Relative Standard Error:** | 8.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.160362 | 50.0 | 518515.0 | 0.320724 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.277049 | 50.0 | 510019.0 | 0.277049 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.659223 | 50.0 | 508039.0 | 0.331845 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.700123 | 50.0 | 507682.0 | 0.285006 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 16.859478 | 50.0 | 498070.0 | 0.33719 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 57.16786 | 50.0 | 510808.0 | 0.285839 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 147.835118 | 50.0 | 522107.0 | 0.29567 | Y |






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## Calibration / 1,1-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

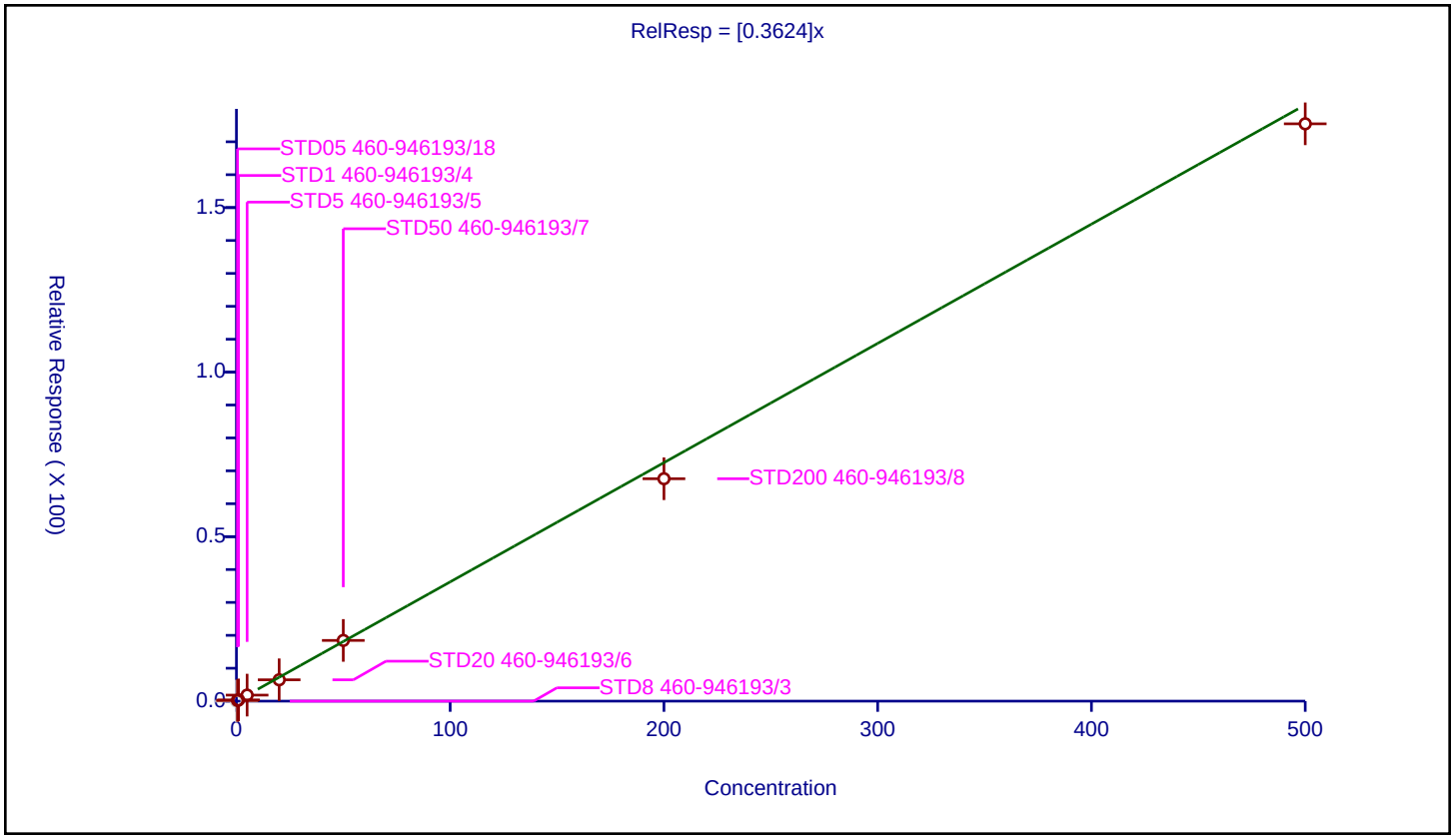
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3624 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 803000 |
| **Relative Standard Error:** | 8.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.210312 | 50.0 | 518515.0 | 0.420624 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.366849 | 50.0 | 510019.0 | 0.366849 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.836276 | 50.0 | 508039.0 | 0.367255 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 6.486245 | 50.0 | 507682.0 | 0.324312 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 18.452426 | 50.0 | 498070.0 | 0.369049 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 67.598883 | 50.0 | 510808.0 | 0.337994 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 175.470833 | 50.0 | 522107.0 | 0.350942 | Y |



## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

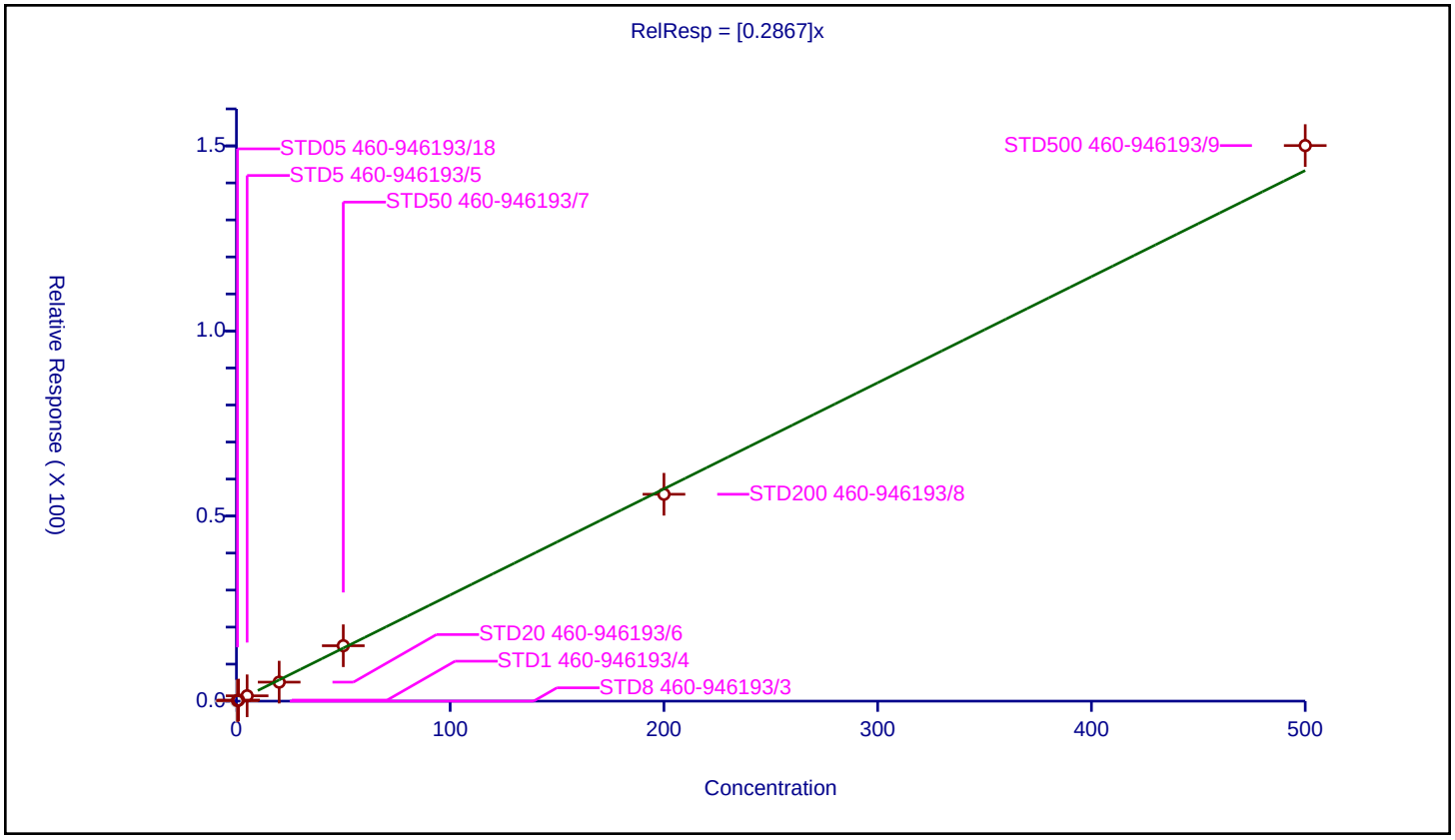
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2867 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 684000 |
| **Relative Standard Error:** | 5.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.148983 | 50.0 | 518515.0 | 0.297966 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.284205 | 50.0 | 510019.0 | 0.284205 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.444574 | 50.0 | 508039.0 | 0.288915 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.13668 | 50.0 | 507682.0 | 0.256834 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 14.969984 | 50.0 | 498070.0 | 0.2994 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 55.887535 | 50.0 | 510808.0 | 0.279438 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 150.092606 | 50.0 | 522107.0 | 0.300185 | Y |






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## Calibration / Isobutyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

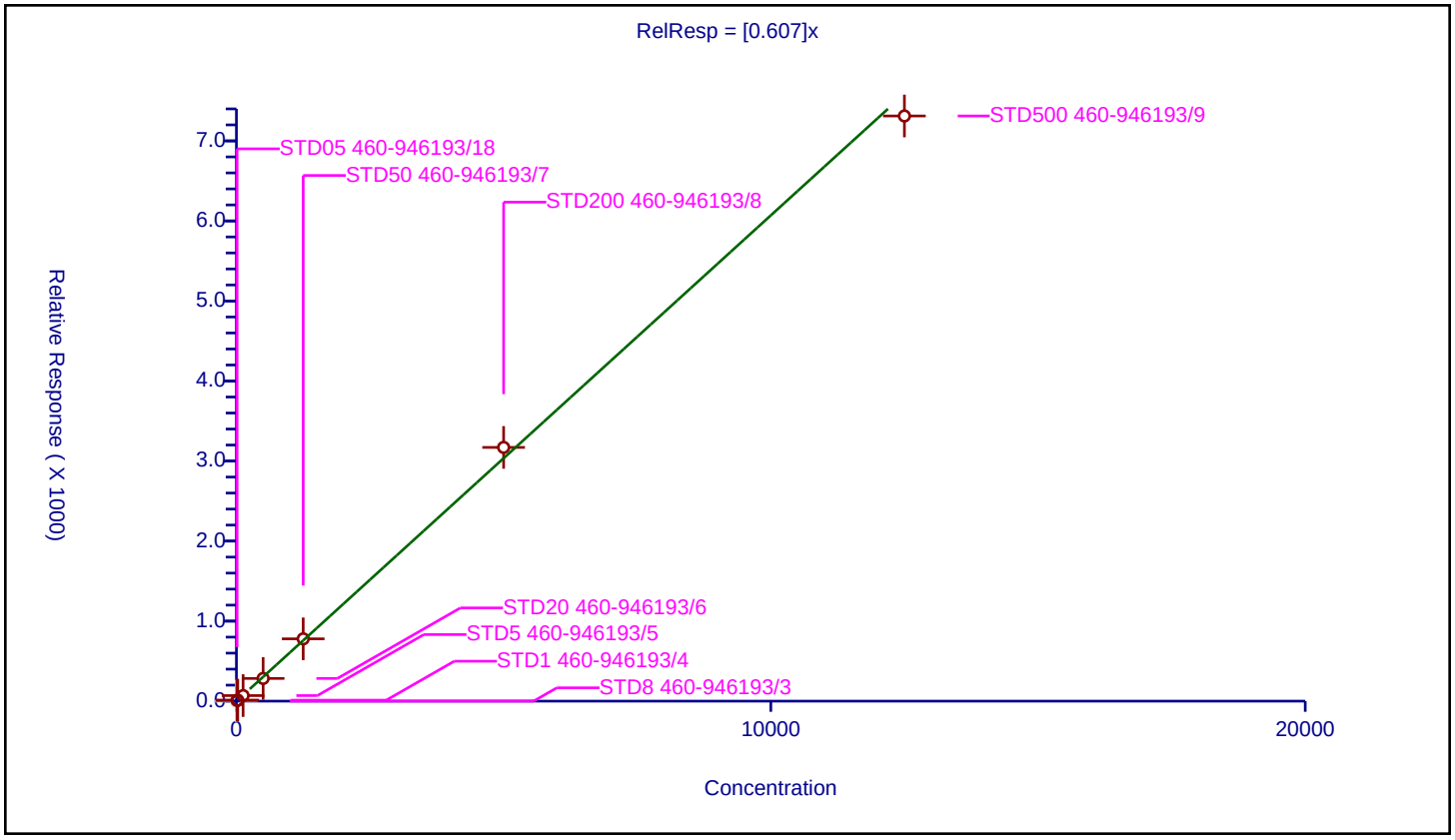
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.607 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 839000 |
| **Relative Standard Error:** | 15.5 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.968 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 224546.0 | NaN | N |
| 2 | STD05 460-946193/18 | 12.5 | 9.904579 | 1000.0 | 212427.0 | 0.792366 | Y |
| 3 | STD1 460-946193/4 | 25.0 | 12.275111 | 1000.0 | 220609.0 | 0.491004 | Y |
| 4 | STD5 460-946193/5 | 125.0 | 69.499191 | 1000.0 | 216909.0 | 0.555994 | Y |
| 5 | STD20 460-946193/6 | 500.0 | 283.815496 | 1000.0 | 206673.0 | 0.567631 | Y |
| 6 | STD50 460-946193/7 | 1250.0 | 778.440913 | 1000.0 | 214972.0 | 0.622753 | Y |
| 7 | STD200 460-946193/8 | 5000.0 | 3170.302504 | 1000.0 | 211964.0 | 0.634061 | Y |
| 8 | STD500 460-946193/9 | 12500.0 | 7311.355339 | 1000.0 | 265690.0 | 0.584908 | Y |






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## 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 |

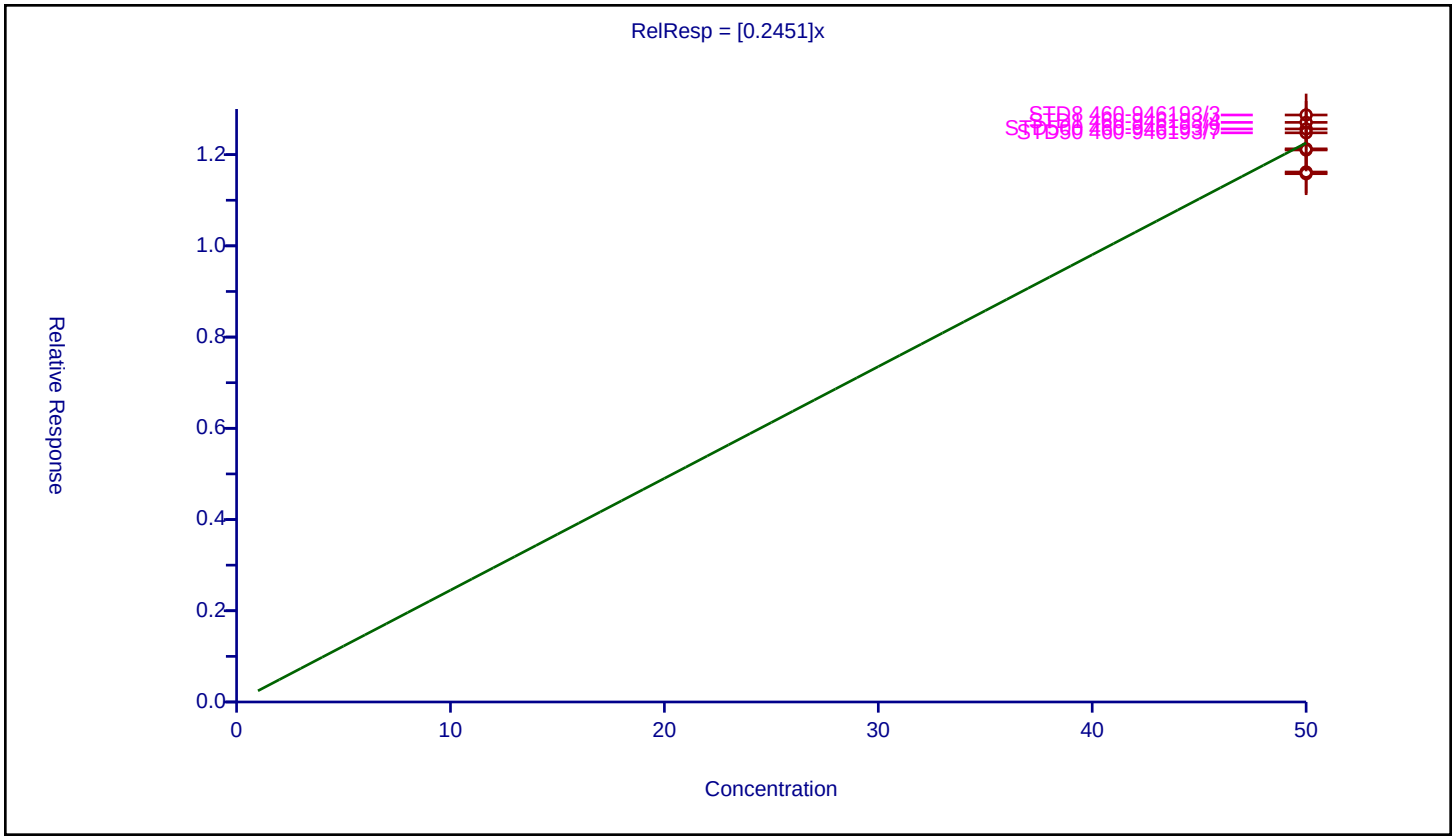
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2451 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 134000 |
| **Relative Standard Error:** | 3.9 |
| **Correlation Coefficient:** | 0 |
| **Coefficient of Determination (Adjusted):** | 0.000000000000000222 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 50.0 | 12.868839 | 50.0 | 523229.0 | 0.257377 | Y |
| 2 | STD1 460-946193/4 | 50.0 | 12.707272 | 50.0 | 510019.0 | 0.254145 | Y |
| 3 | STD5 460-946193/5 | 50.0 | 12.127415 | 50.0 | 508039.0 | 0.242548 | Y |
| 4 | STD20 460-946193/6 | 50.0 | 11.581659 | 50.0 | 507682.0 | 0.231633 | Y |
| 5 | STD50 460-946193/7 | 50.0 | 12.477965 | 50.0 | 498070.0 | 0.249559 | Y |
| 6 | STD200 460-946193/8 | 50.0 | 11.618847 | 50.0 | 510808.0 | 0.232377 | Y |
| 7 | STD500 460-946193/9 | 50.0 | 12.563229 | 50.0 | 522107.0 | 0.251265 | Y |
| 8 | STD05 460-946193/18 | 50.0 | 12.102254 | 50.0 | 518515.0 | 0.242045 | Y |






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## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

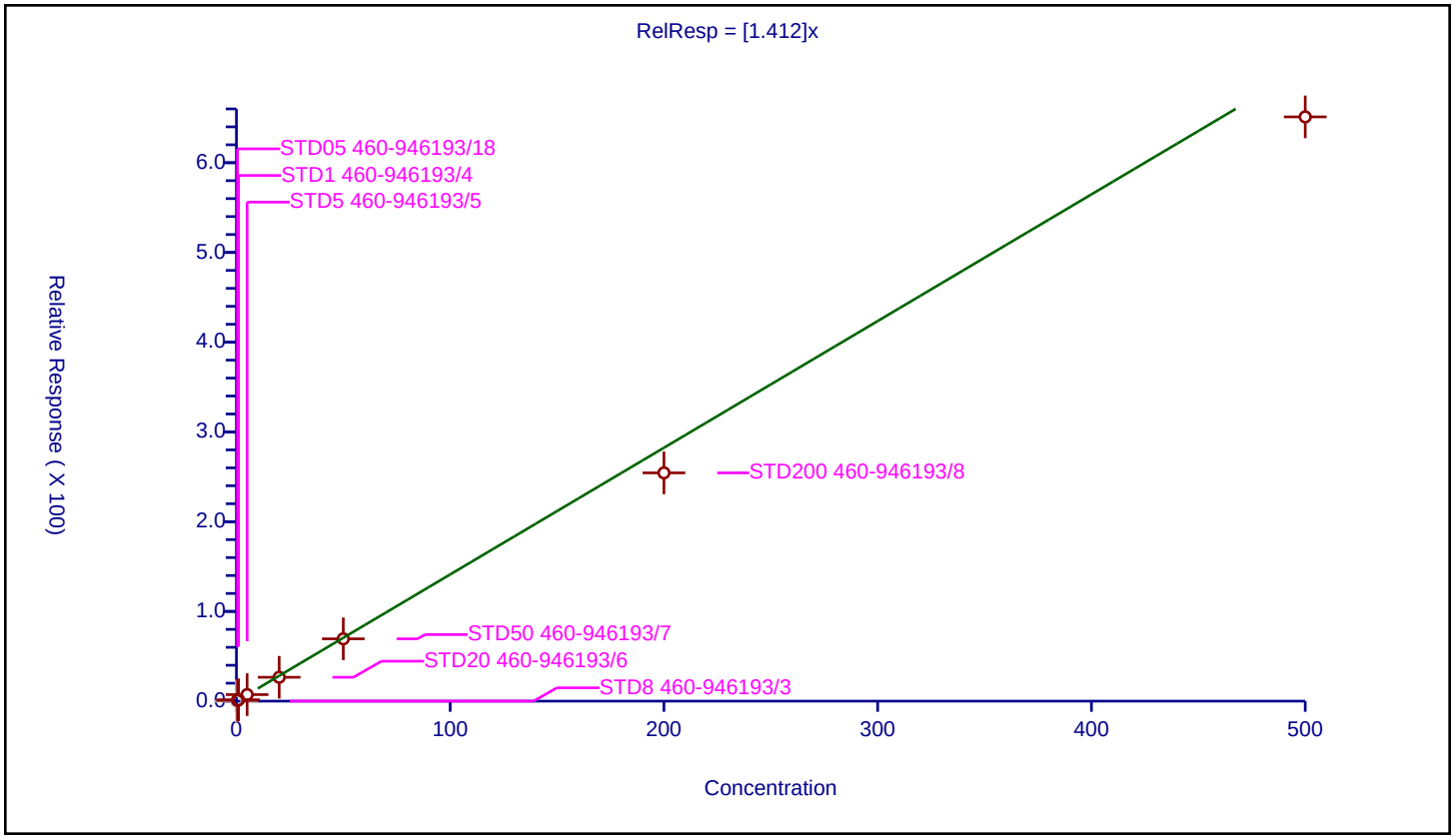
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.412 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2390000 |
| **Relative Standard Error:** | 9.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.819123 | 50.0 | 390967.0 | 1.638246 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.495618 | 50.0 | 385125.0 | 1.495618 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 7.277372 | 50.0 | 388485.0 | 1.455474 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 26.622893 | 50.0 | 384021.0 | 1.331145 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 69.42526 | 50.0 | 392543.0 | 1.388505 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 254.377767 | 50.0 | 404487.0 | 1.271889 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 651.093829 | 50.0 | 418027.0 | 1.302188 | Y |



## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

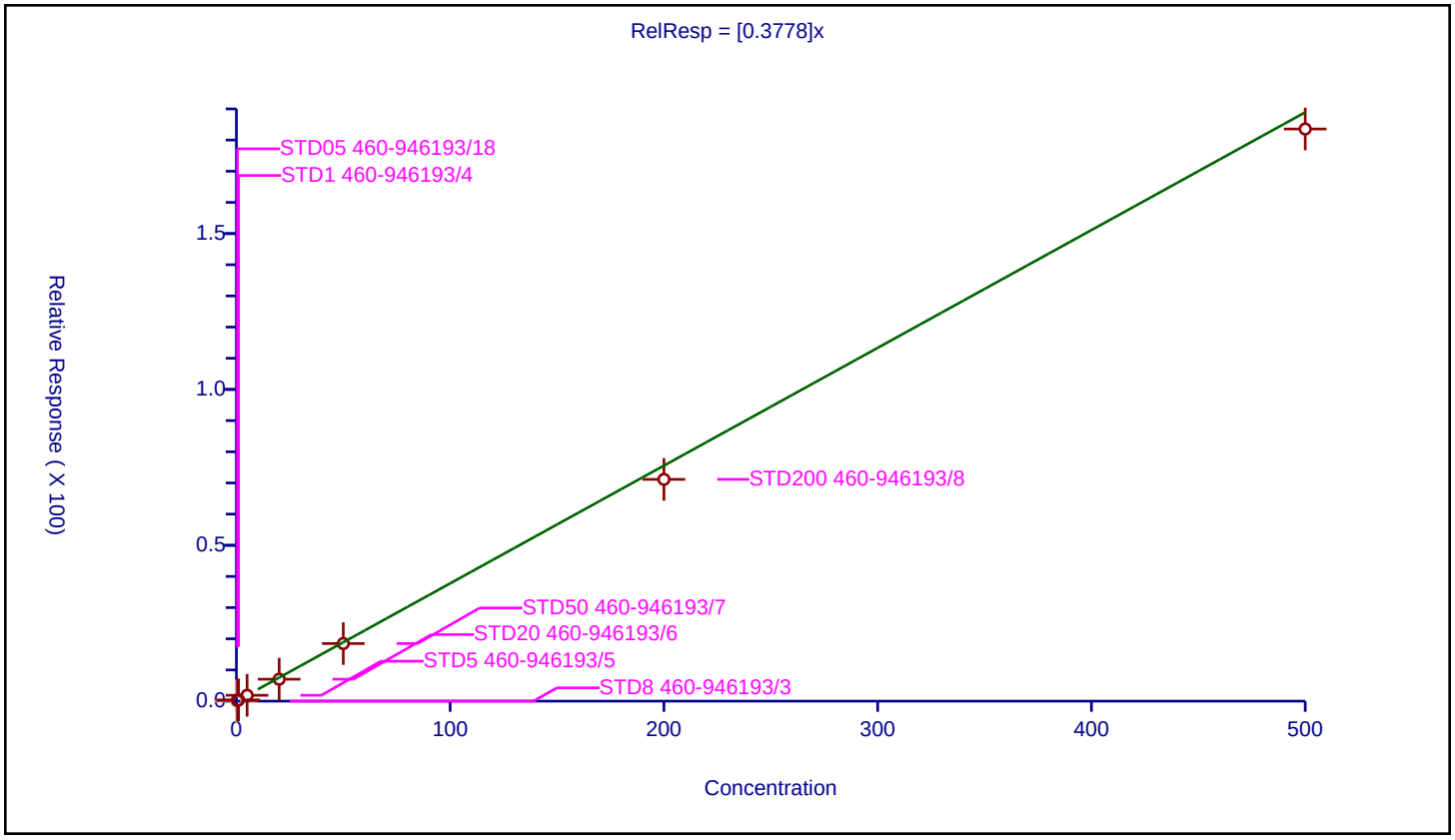
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3778 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 841000 |
| **Relative Standard Error:** | 7.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.215134 | 50.0 | 518515.0 | 0.430267 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.395279 | 50.0 | 510019.0 | 0.395279 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.873478 | 50.0 | 508039.0 | 0.374696 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 7.039544 | 50.0 | 507682.0 | 0.351977 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 18.479832 | 50.0 | 498070.0 | 0.369597 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 71.143659 | 50.0 | 510808.0 | 0.355718 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 183.546476 | 50.0 | 522107.0 | 0.367093 | Y |



## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

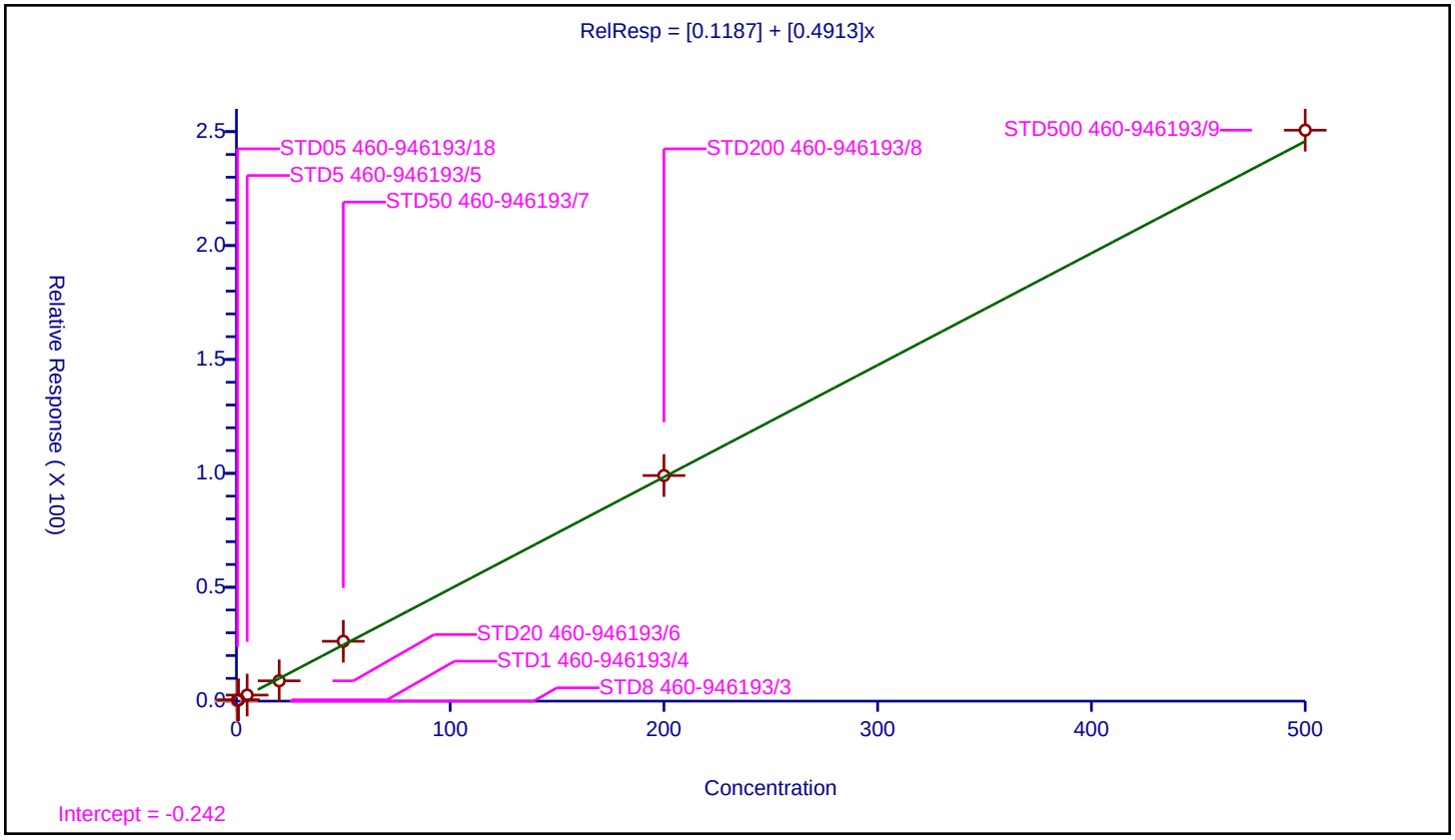
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.1187 |
| **Slope:** | 0.4913 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1260000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.369131 | 50.0 | 518515.0 | 0.738262 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.589194 | 50.0 | 510019.0 | 0.589194 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.663181 | 50.0 | 508039.0 | 0.532636 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 8.919757 | 50.0 | 507682.0 | 0.445988 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 26.273516 | 50.0 | 498070.0 | 0.52547 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 99.036624 | 50.0 | 510808.0 | 0.495183 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 250.663178 | 50.0 | 522107.0 | 0.501326 | Y |






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## Calibration / Isopropyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

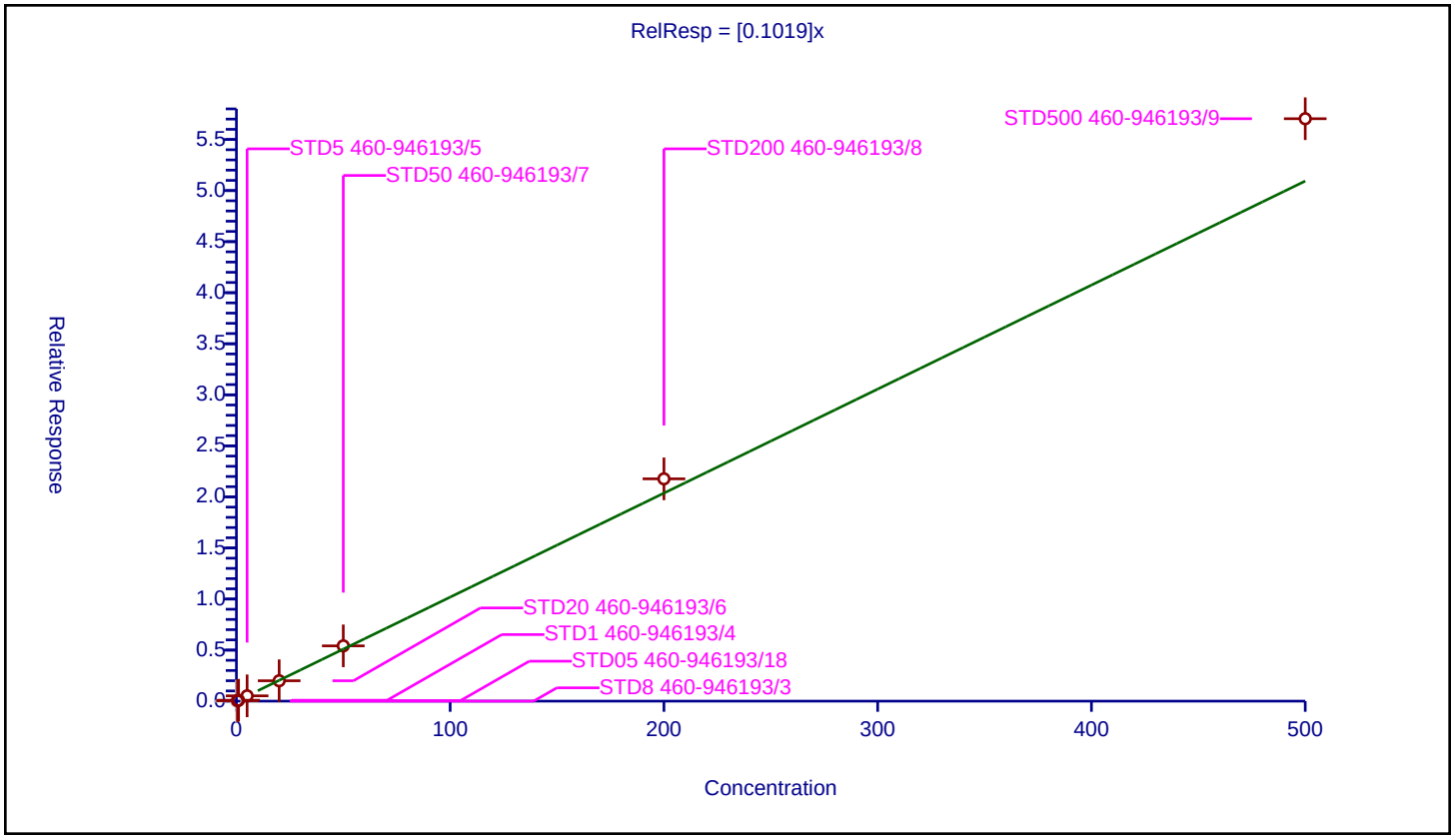
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1019 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 261000 |
| **Relative Standard Error:** | 9.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.045611 | 50.0 | 518515.0 | 0.091222 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.086663 | 50.0 | 510019.0 | 0.086663 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.520826 | 50.0 | 508039.0 | 0.104165 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 1.995934 | 50.0 | 507682.0 | 0.099797 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 5.412492 | 50.0 | 498070.0 | 0.10825 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 21.770313 | 50.0 | 510808.0 | 0.108852 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 57.036584 | 50.0 | 522107.0 | 0.114073 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

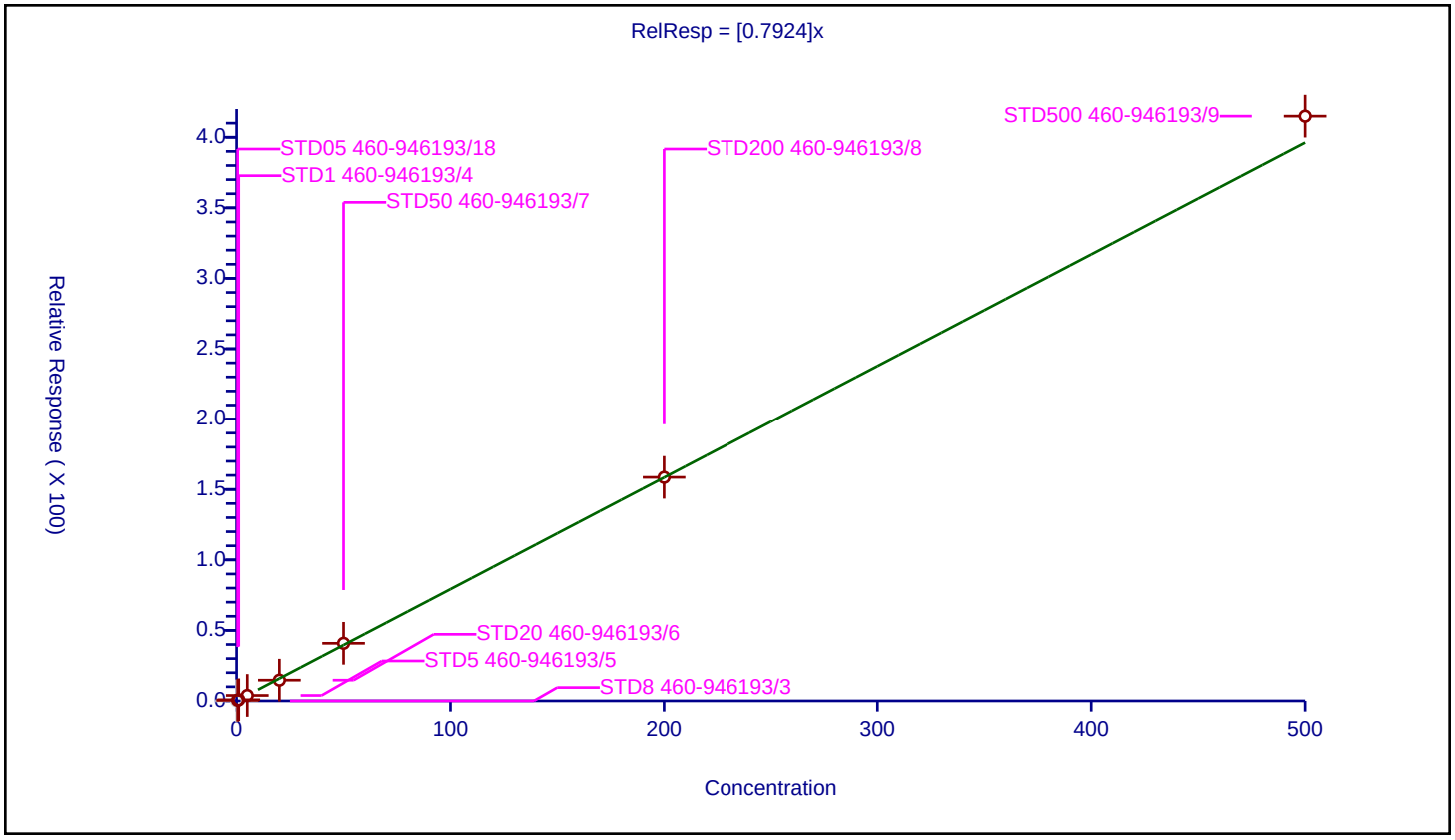
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7924 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1900000 |
| **Relative Standard Error:** | 3.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.399121 | 50.0 | 518515.0 | 0.798241 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.801833 | 50.0 | 510019.0 | 0.801833 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.859349 | 50.0 | 508039.0 | 0.77187 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 14.701821 | 50.0 | 507682.0 | 0.735091 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 40.848776 | 50.0 | 498070.0 | 0.816976 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 158.60891 | 50.0 | 510808.0 | 0.793045 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 414.951246 | 50.0 | 522107.0 | 0.829902 | Y |



## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

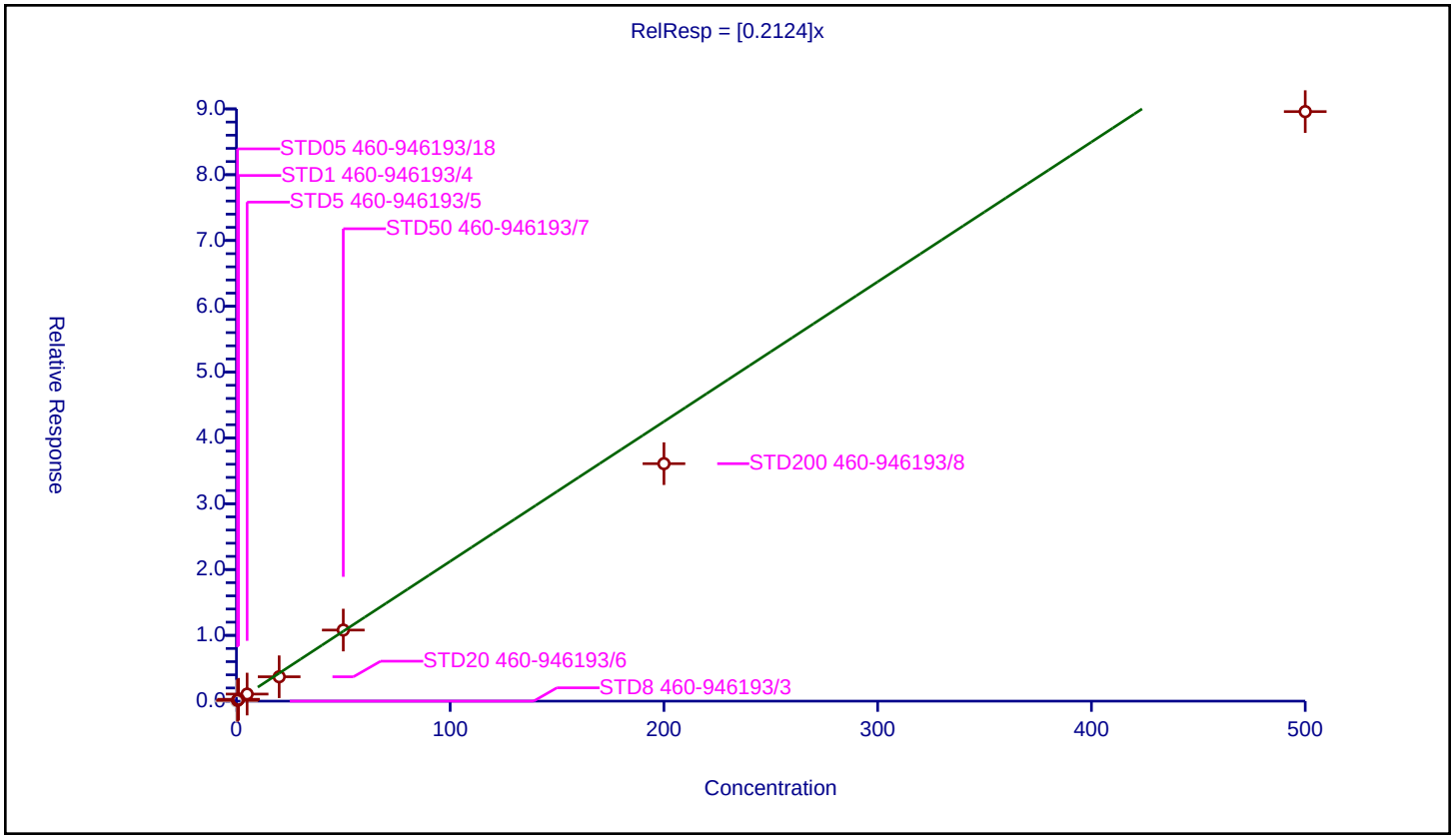
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2124 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 413000 |
| **Relative Standard Error:** | 17.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.960 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.115715 | 50.0 | 518515.0 | 0.23143 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.279793 | 50.0 | 510019.0 | 0.279793 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.073638 | 50.0 | 508039.0 | 0.214728 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 3.70734 | 50.0 | 507682.0 | 0.185367 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 10.802096 | 50.0 | 498070.0 | 0.216042 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 36.086847 | 50.0 | 510808.0 | 0.180434 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 89.587096 | 50.0 | 522107.0 | 0.179174 | Y |






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## Calibration / n-Butanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

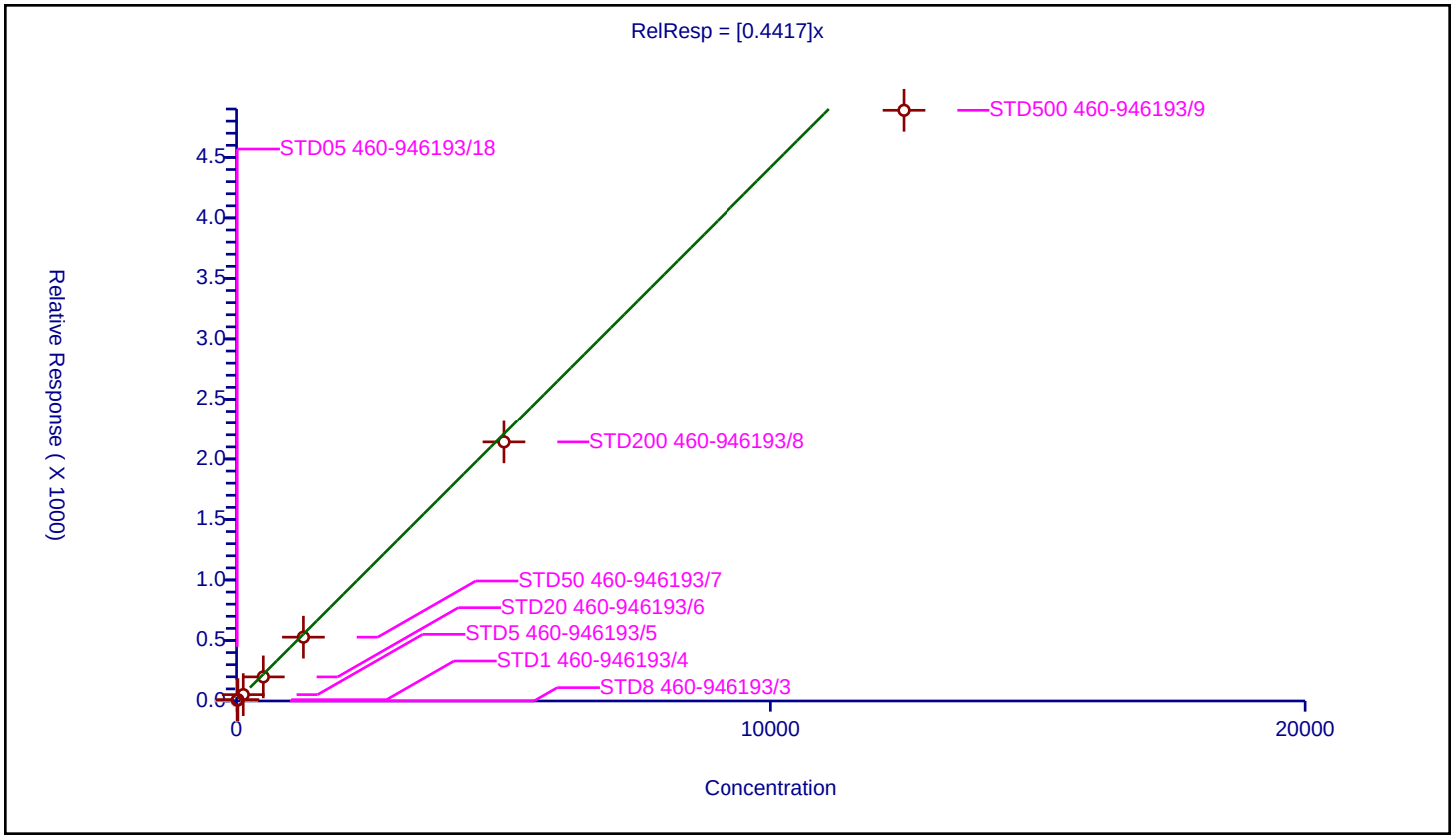
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4417 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 562000 |
| **Relative Standard Error:** | 15.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.965 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 224546.0 | NaN | N |
| 2 | STD05 460-946193/18 | 12.5 | 7.395482 | 1000.0 | 212427.0 | 0.591639 | Y |
| 3 | STD1 460-946193/4 | 25.0 | 10.992299 | 1000.0 | 220609.0 | 0.439692 | Y |
| 4 | STD5 460-946193/5 | 125.0 | 52.611925 | 1000.0 | 216909.0 | 0.420895 | Y |
| 5 | STD20 460-946193/6 | 500.0 | 199.198734 | 1000.0 | 206673.0 | 0.398397 | Y |
| 6 | STD50 460-946193/7 | 1250.0 | 527.389614 | 1000.0 | 214972.0 | 0.421912 | Y |
| 7 | STD200 460-946193/8 | 5000.0 | 2141.439112 | 1000.0 | 211964.0 | 0.428288 | Y |
| 8 | STD500 460-946193/9 | 12500.0 | 4889.453875 | 1000.0 | 265690.0 | 0.391156 | Y |



## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

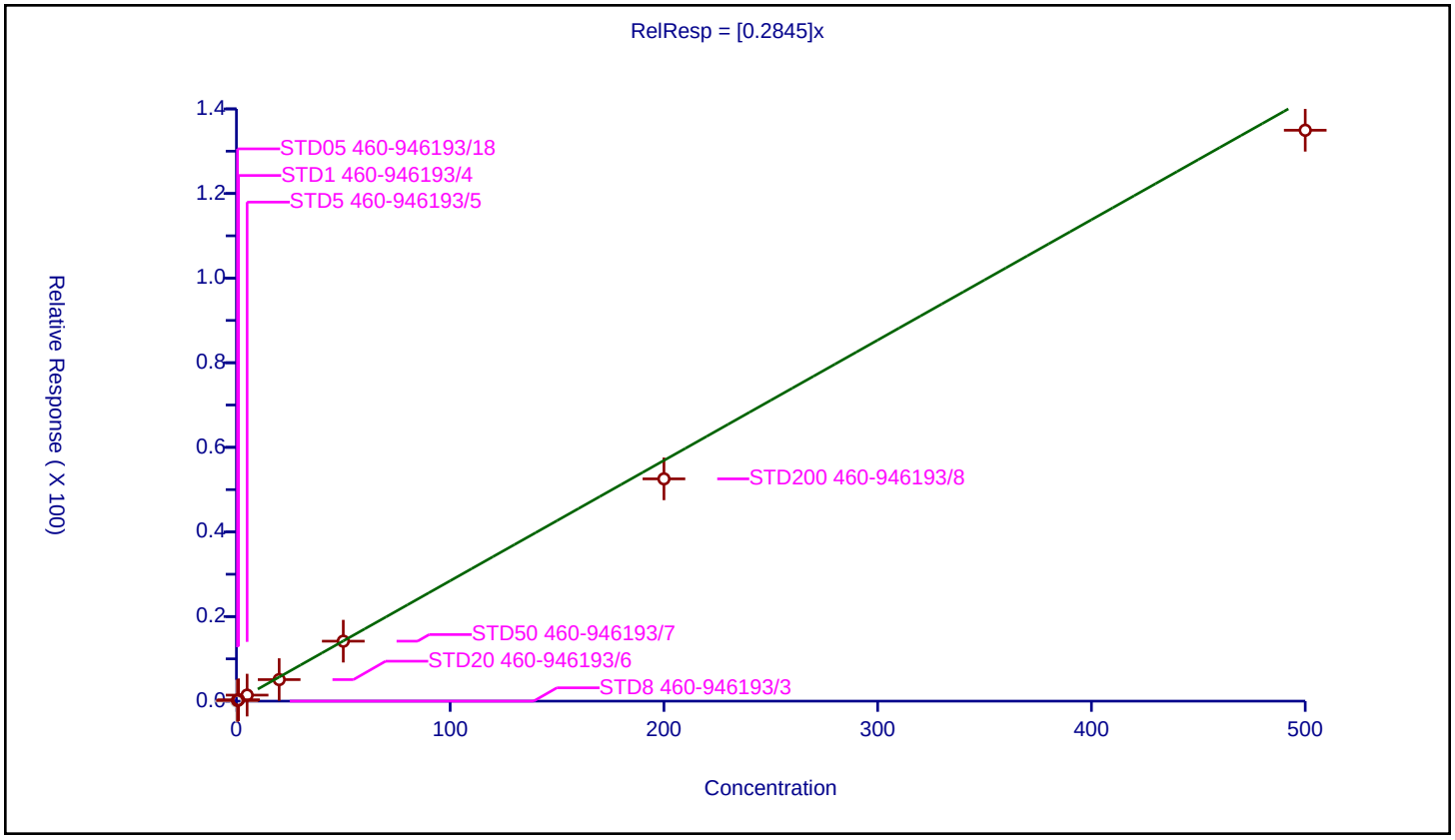
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2845 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 619000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.155347 | 50.0 | 518515.0 | 0.310695 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.325184 | 50.0 | 510019.0 | 0.325184 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.424399 | 50.0 | 508039.0 | 0.28488 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.090391 | 50.0 | 507682.0 | 0.25452 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 14.173911 | 50.0 | 498070.0 | 0.283478 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 52.545183 | 50.0 | 510808.0 | 0.262726 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 134.951169 | 50.0 | 522107.0 | 0.269902 | Y |



## Calibration / Ethyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

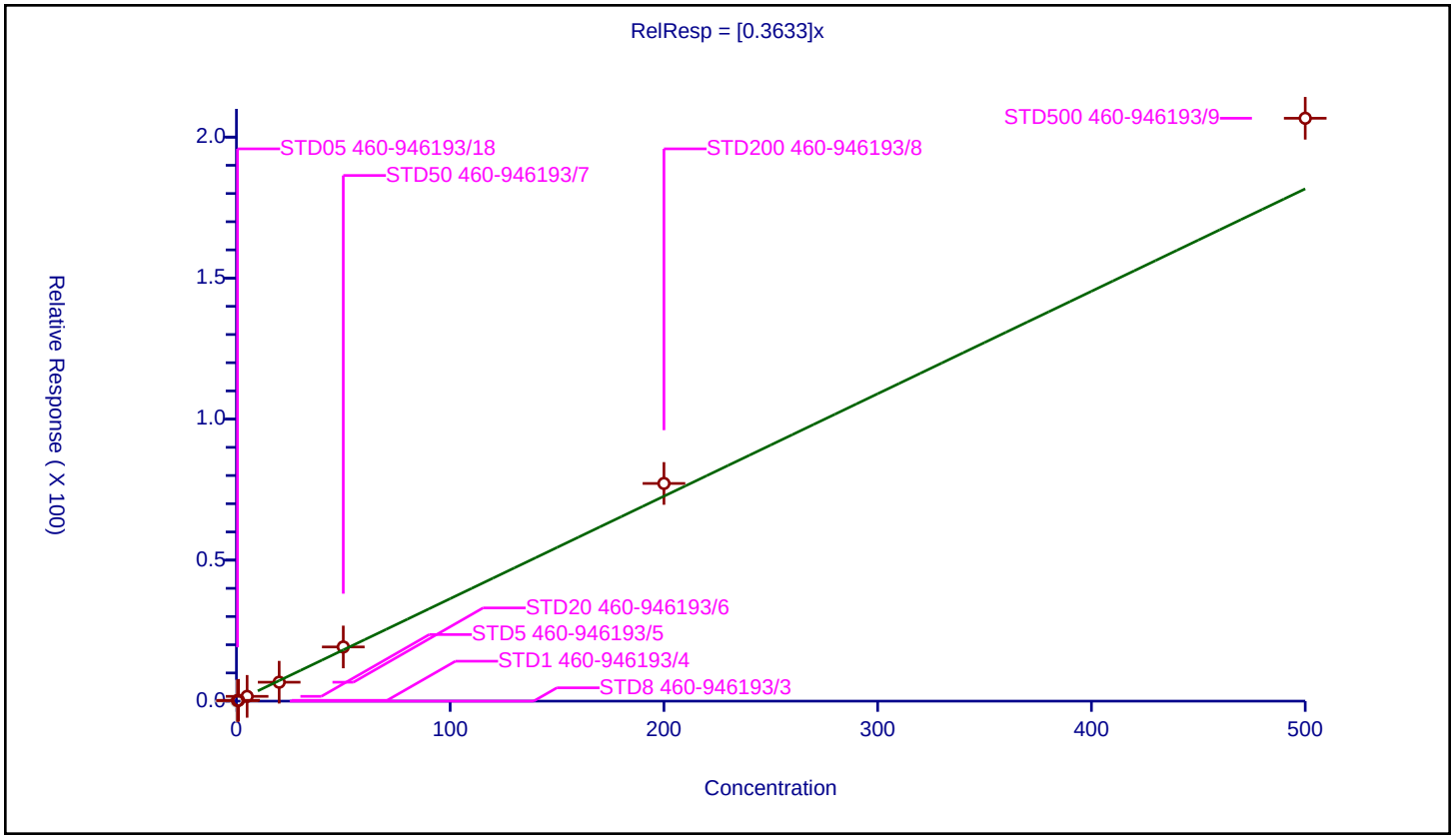
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3633 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 942000 |
| **Relative Standard Error:** | 12.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.198741 | 50.0 | 518515.0 | 0.397481 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.288323 | 50.0 | 510019.0 | 0.288323 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.69239 | 50.0 | 508039.0 | 0.338478 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 6.707841 | 50.0 | 507682.0 | 0.335392 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 19.211456 | 50.0 | 498070.0 | 0.384229 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 77.188983 | 50.0 | 510808.0 | 0.385945 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 206.678133 | 50.0 | 522107.0 | 0.413356 | Y |






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## Calibration / Methylcyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

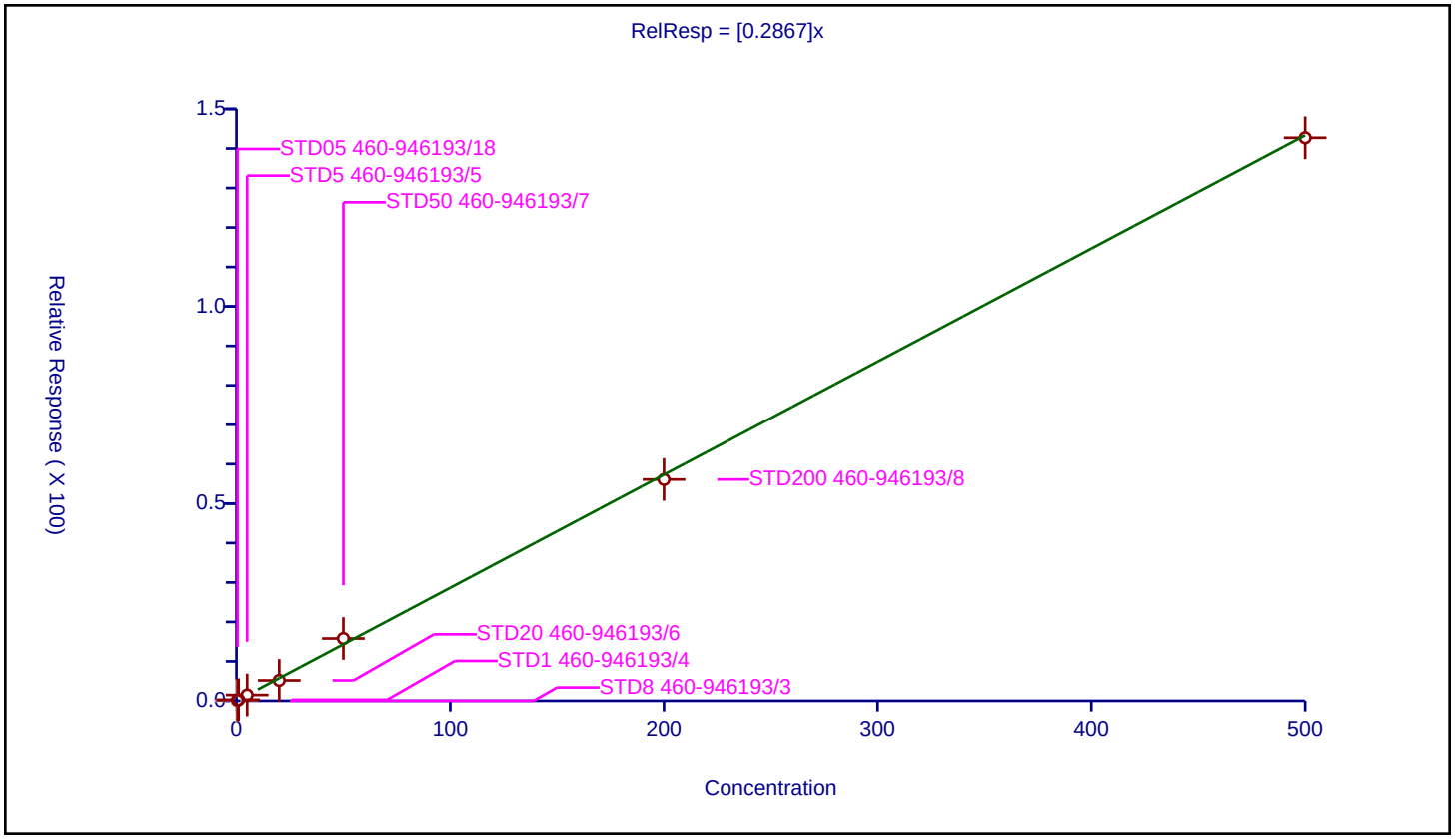
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2867 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 655000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.146187 | 50.0 | 518515.0 | 0.292373 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.276852 | 50.0 | 510019.0 | 0.276852 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.483843 | 50.0 | 508039.0 | 0.296769 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.177848 | 50.0 | 507682.0 | 0.258892 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 15.798683 | 50.0 | 498070.0 | 0.315974 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 56.106502 | 50.0 | 510808.0 | 0.280533 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 142.715861 | 50.0 | 522107.0 | 0.285432 | Y |






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## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

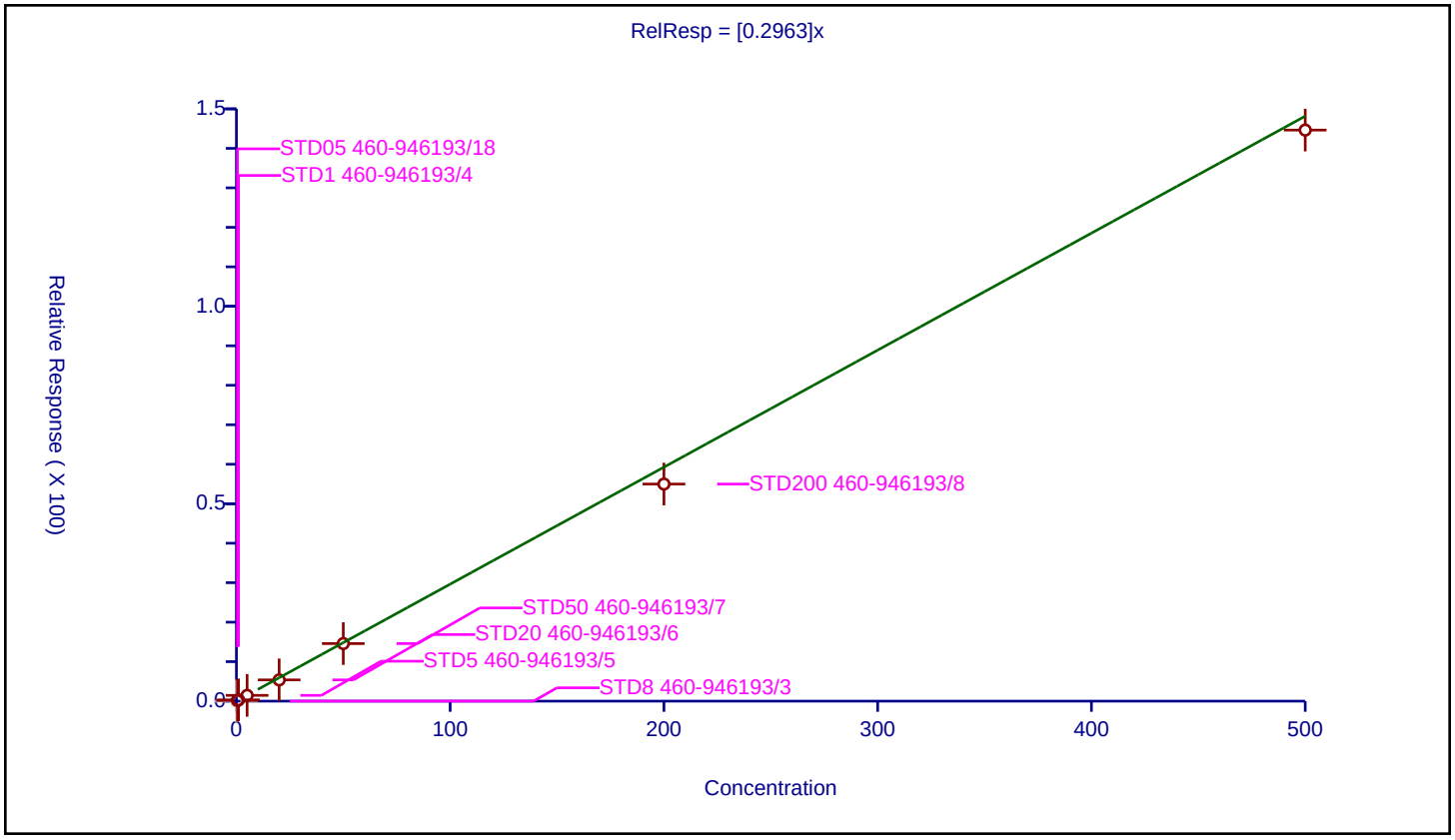
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2963 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 661000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.169233 | 50.0 | 518515.0 | 0.338467 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.318812 | 50.0 | 510019.0 | 0.318812 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.461699 | 50.0 | 508039.0 | 0.29234 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.377973 | 50.0 | 507682.0 | 0.268899 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 14.577971 | 50.0 | 498070.0 | 0.291559 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 54.981422 | 50.0 | 510808.0 | 0.274907 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 144.632422 | 50.0 | 522107.0 | 0.289265 | Y |



## Calibration / Dibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

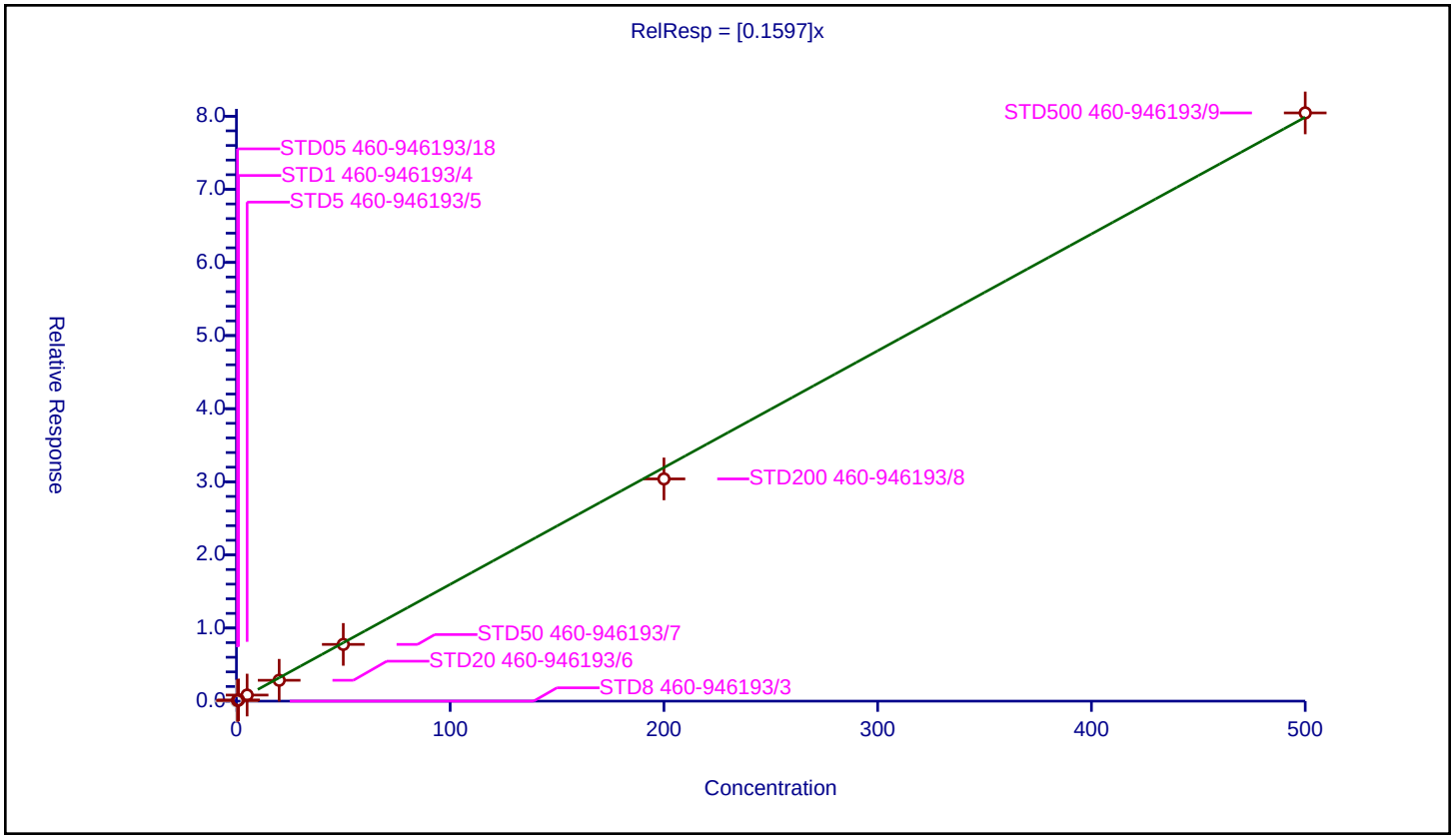
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1597 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 367000 |
| **Relative Standard Error:** | 7.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.090258 | 50.0 | 518515.0 | 0.180516 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.160484 | 50.0 | 510019.0 | 0.160484 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.831432 | 50.0 | 508039.0 | 0.166286 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 2.855134 | 50.0 | 507682.0 | 0.142757 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 7.75905 | 50.0 | 498070.0 | 0.155181 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 30.392829 | 50.0 | 510808.0 | 0.151964 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 80.449314 | 50.0 | 522107.0 | 0.160899 | Y |



## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

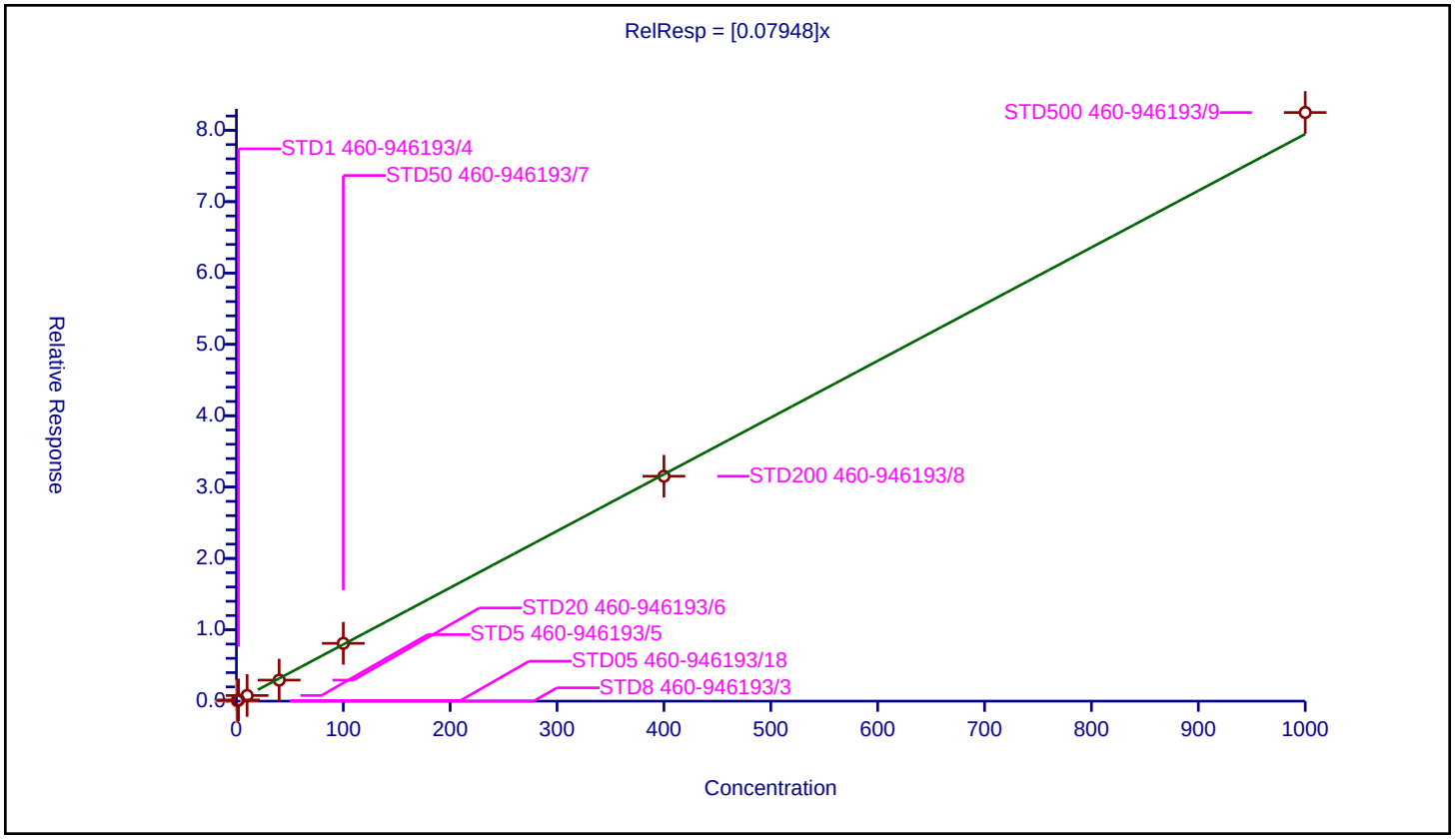
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07948 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 377000 |
| **Relative Standard Error:** | 3.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 1.0 | 0.078976 | 50.0 | 518515.0 | 0.078976 | Y |
| 3 | STD1 460-946193/4 | 2.0 | 0.164994 | 50.0 | 510019.0 | 0.082497 | Y |
| 4 | STD5 460-946193/5 | 10.0 | 0.789309 | 50.0 | 508039.0 | 0.078931 | Y |
| 5 | STD20 460-946193/6 | 40.0 | 2.946431 | 50.0 | 507682.0 | 0.073661 | Y |
| 6 | STD50 460-946193/7 | 100.0 | 8.098661 | 50.0 | 498070.0 | 0.080987 | Y |
| 7 | STD200 460-946193/8 | 400.0 | 31.518398 | 50.0 | 510808.0 | 0.078796 | Y |
| 8 | STD500 460-946193/9 | 1000.0 | 82.490562 | 50.0 | 522107.0 | 0.082491 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

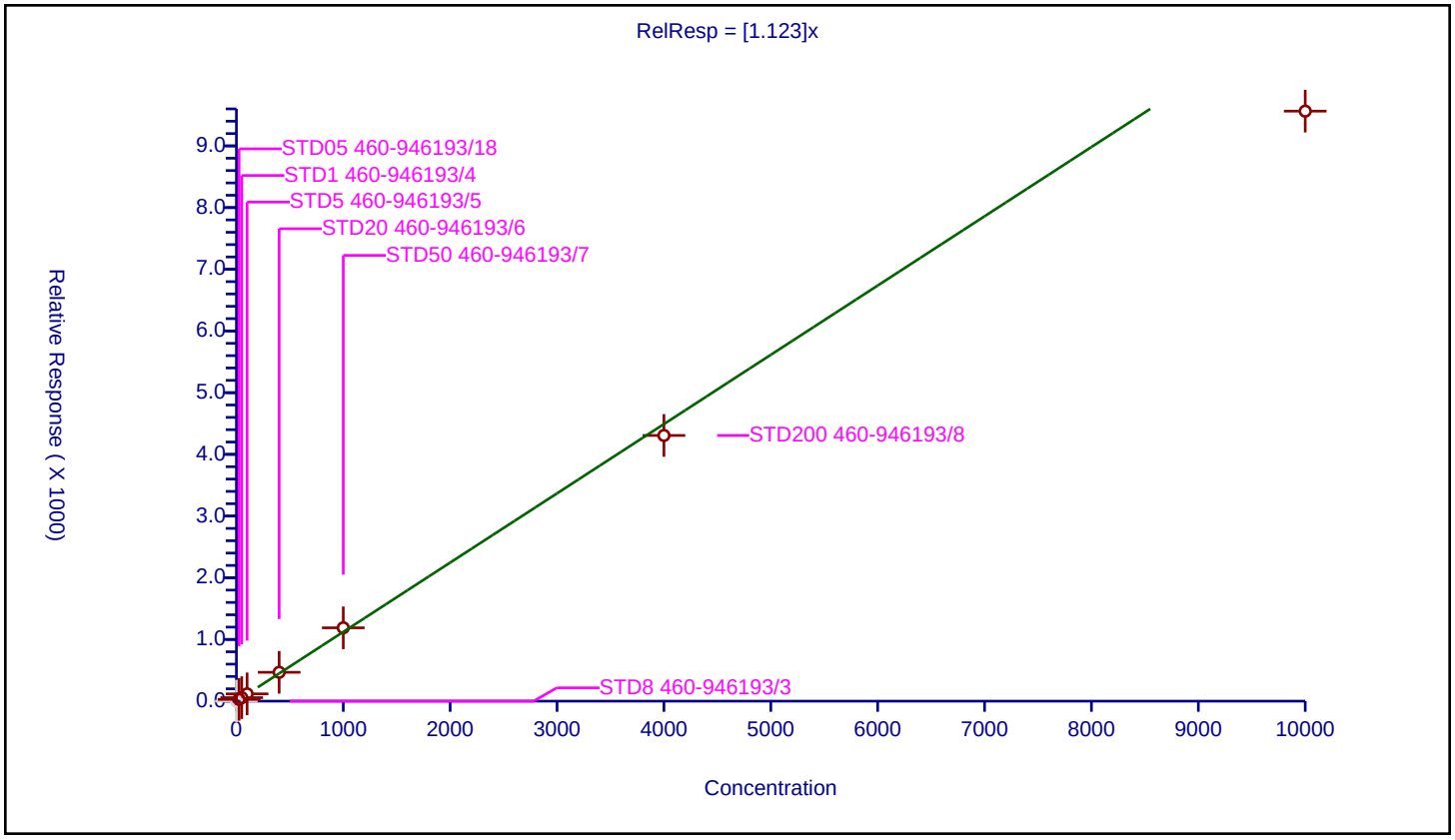
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.123 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 170000 |
| **Relative Standard Error:** | 7.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 1000.0 | 34789.0 | NaN | N |
| 2 | STD05 460-946193/18 | 25.000031 | 28.744099 | 1000.0 | 33259.0 | 1.149763 | Y |
| 3 | STD1 460-946193/4 | 50.000062 | 56.939294 | 1000.0 | 34247.0 | 1.138784 | Y |
| 4 | STD5 460-946193/5 | 100.0 | 118.006889 | 1000.0 | 33676.0 | 1.180069 | Y |
| 5 | STD20 460-946193/6 | 400.0 | 467.568729 | 1000.0 | 32592.0 | 1.168922 | Y |
| 6 | STD50 460-946193/7 | 1000.0 | 1188.830266 | 1000.0 | 33358.0 | 1.18883 | Y |
| 7 | STD200 460-946193/8 | 4000.0 | 4306.546608 | 1000.0 | 35316.0 | 1.076637 | Y |
| 8 | STD500 460-946193/9 | 10000.0 | 9563.23547 | 1000.0 | 41725.0 | 0.956324 | Y |



## Calibration / n-Propyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

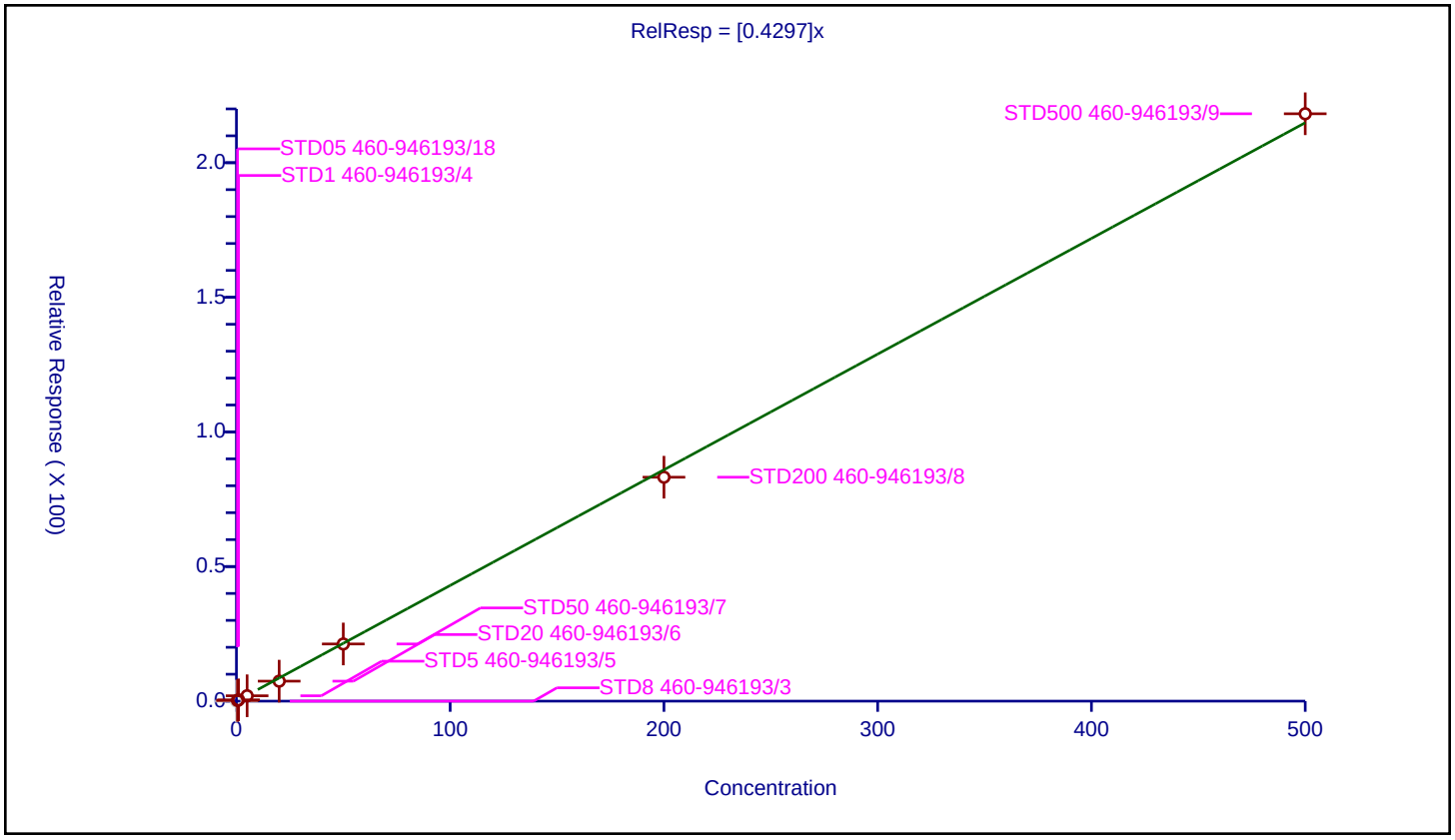
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4297 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 997000 |
| **Relative Standard Error:** | 9.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.247534 | 50.0 | 518515.0 | 0.495068 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.465081 | 50.0 | 510019.0 | 0.465081 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.996697 | 50.0 | 508039.0 | 0.399339 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 7.42778 | 50.0 | 507682.0 | 0.371389 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 21.238782 | 50.0 | 498070.0 | 0.424776 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 83.177632 | 50.0 | 510808.0 | 0.415888 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 218.190237 | 50.0 | 522107.0 | 0.43638 | Y |



## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

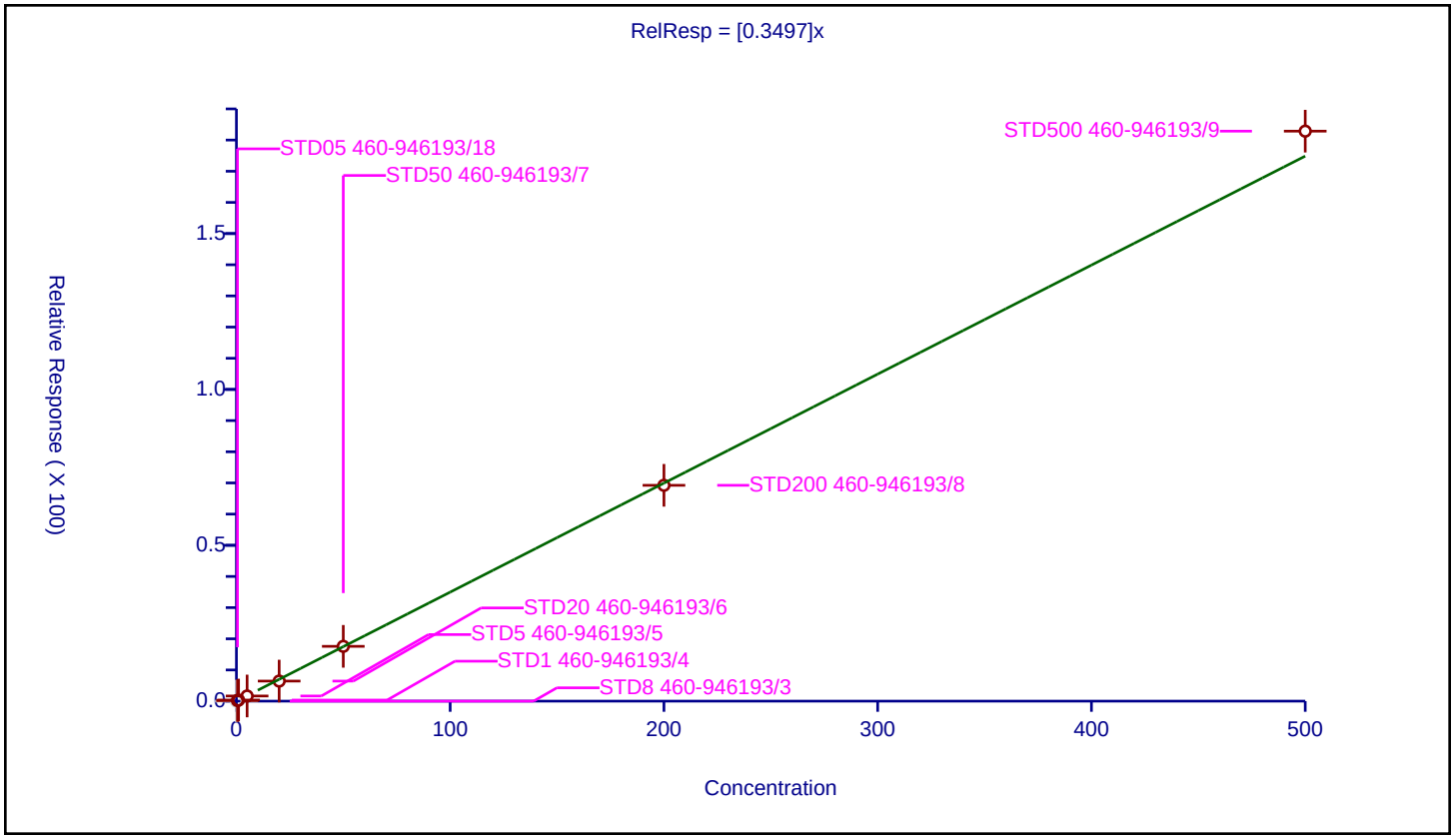
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3497 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 835000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.193533 | 50.0 | 518515.0 | 0.387067 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.344399 | 50.0 | 510019.0 | 0.344399 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.656664 | 50.0 | 508039.0 | 0.331333 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 6.434047 | 50.0 | 507682.0 | 0.321702 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 17.577148 | 50.0 | 498070.0 | 0.351543 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 69.241672 | 50.0 | 510808.0 | 0.346208 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 182.852557 | 50.0 | 522107.0 | 0.365705 | Y |






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## Calibration / 2-Nitropropane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

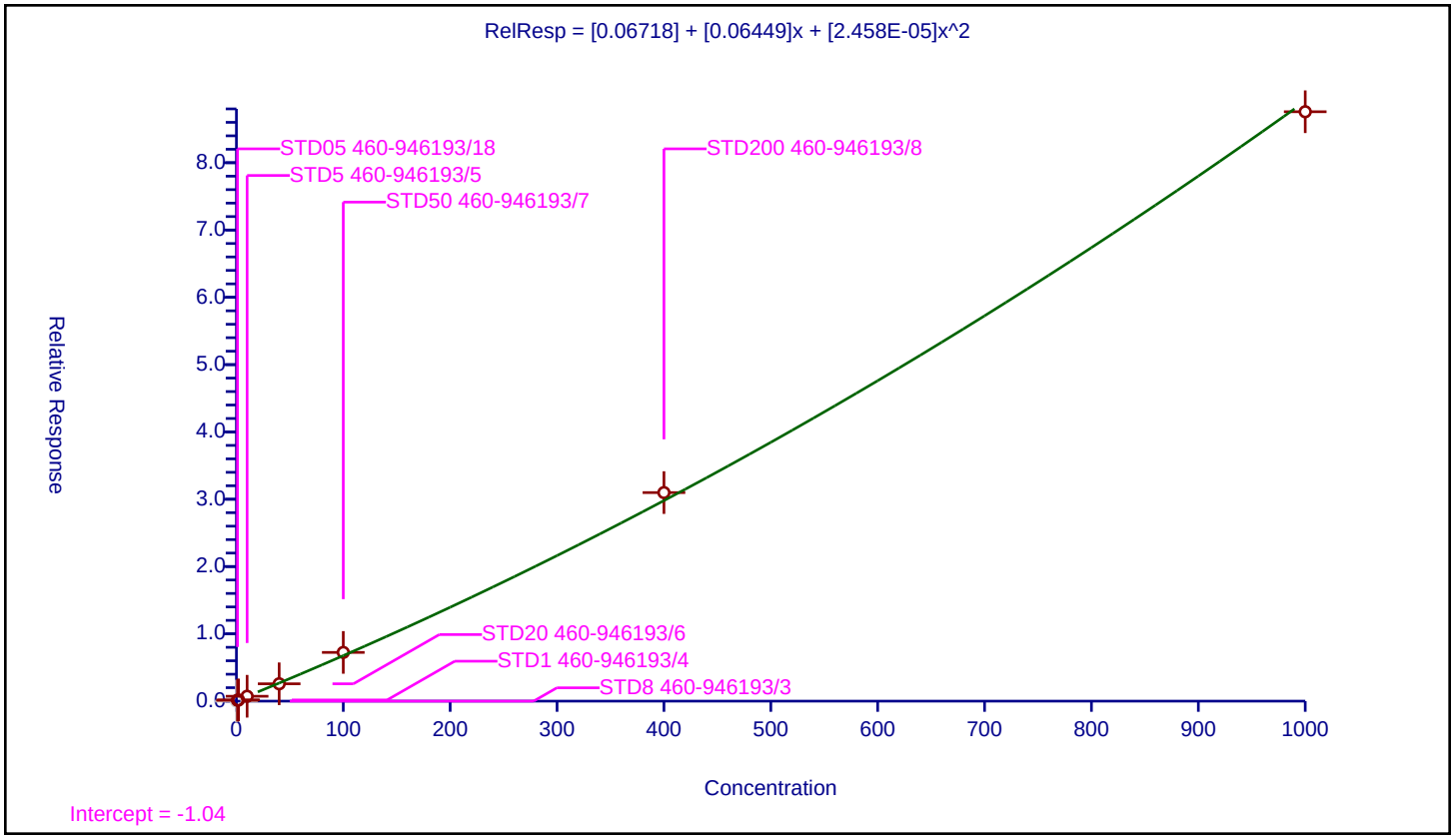
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.06718 |
| **Slope:** | 0.06449 |
| **Second Order:** | 2.458E-05 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 485000 |
| **Relative Standard Error:** | 9.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 1.0 | 0.136254 | 50.0 | 518515.0 | 0.136254 | Y |
| 3 | STD1 460-946193/4 | 2.0 | 0.177542 | 50.0 | 510019.0 | 0.088771 | Y |
| 4 | STD5 460-946193/5 | 10.0 | 0.727798 | 50.0 | 508039.0 | 0.07278 | Y |
| 5 | STD20 460-946193/6 | 40.0 | 2.576711 | 50.0 | 507682.0 | 0.064418 | Y |
| 6 | STD50 460-946193/7 | 100.0 | 7.241552 | 50.0 | 498070.0 | 0.072416 | Y |
| 7 | STD200 460-946193/8 | 400.0 | 30.988649 | 50.0 | 510808.0 | 0.077472 | Y |
| 8 | STD500 460-946193/9 | 1000.0 | 87.577451 | 50.0 | 522107.0 | 0.087577 | Y |






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## Calibration / 2-Chloroethyl vinyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

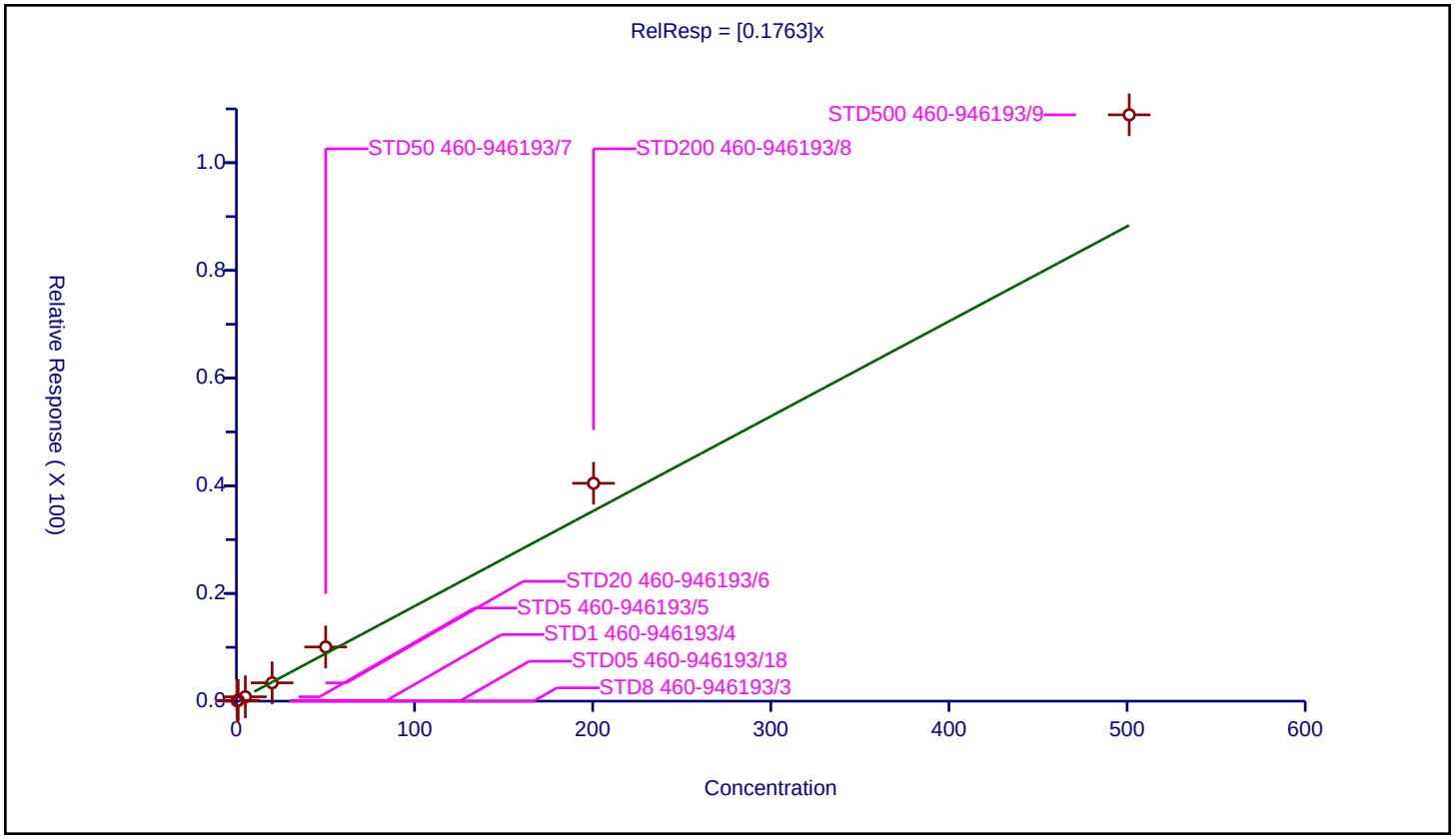
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1763 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 496000 |
| **Relative Standard Error:** | 17.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.968 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 523229.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5012 | 0.066536 | 50.0 | 518515.0 | 0.132754 | Y |
| 3 | STD1 460-946193/4 | 1.0024 | 0.150485 | 50.0 | 510019.0 | 0.150124 | Y |
| 4 | STD5 460-946193/5 | 5.012 | 0.810272 | 50.0 | 508039.0 | 0.161666 | Y |
| 5 | STD20 460-946193/6 | 20.048 | 3.407153 | 50.0 | 507682.0 | 0.16995 | Y |
| 6 | STD50 460-946193/7 | 50.12 | 10.062341 | 50.0 | 498070.0 | 0.200765 | Y |
| 7 | STD200 460-946193/8 | 200.48 | 40.468924 | 50.0 | 510808.0 | 0.20186 | Y |
| 8 | STD500 460-946193/9 | 501.2 | 108.897889 | 50.0 | 522107.0 | 0.217274 | Y |






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## Calibration / Epichlorohydrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

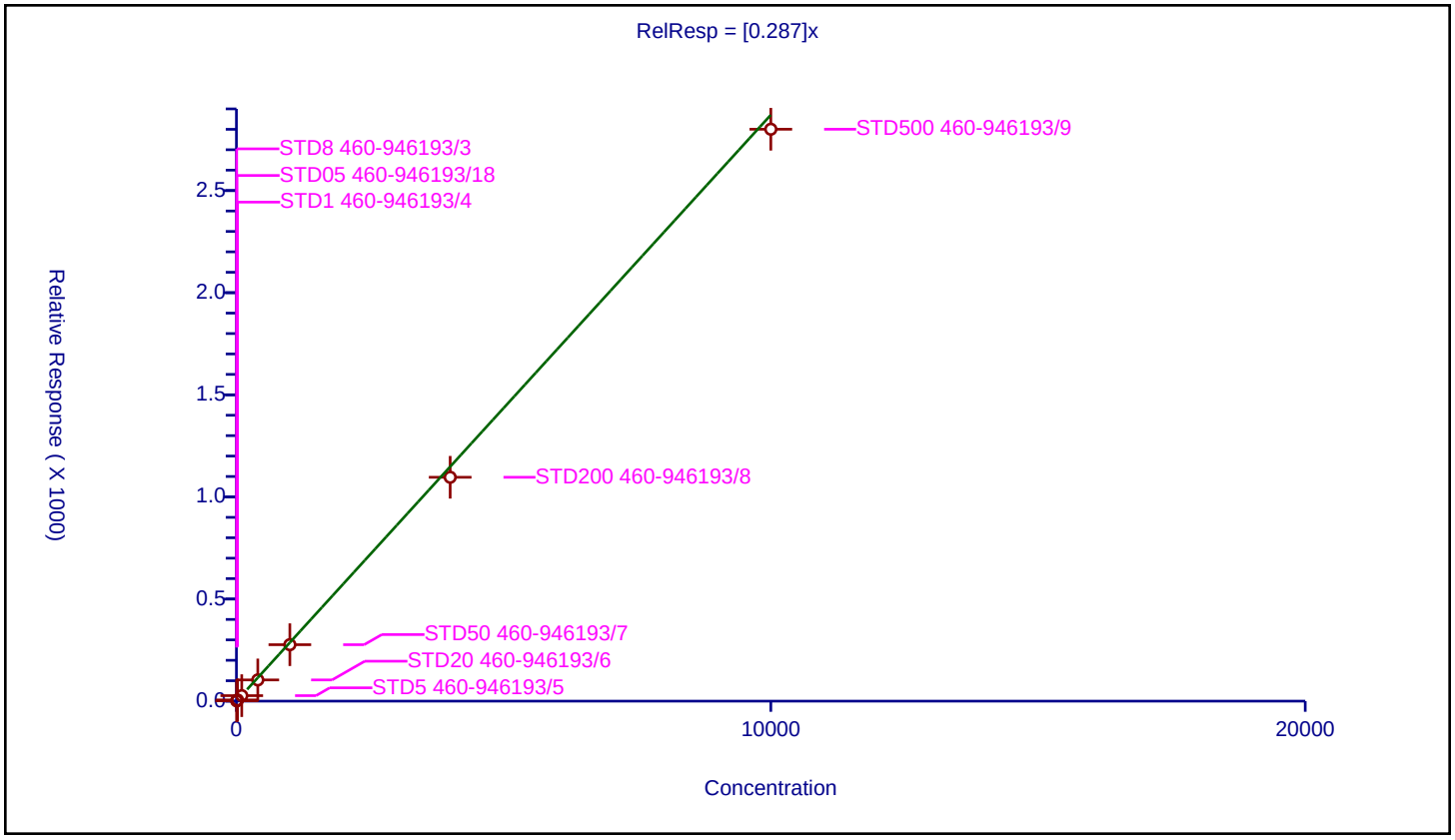
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.287 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1430000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 5.000009 | 1.653318 | 250.0 | 305900.0 | 0.330663 | Y |
| 2 | STD05 460-946193/18 | 10.000017 | 3.097065 | 250.0 | 297459.0 | 0.309706 | Y |
| 3 | STD1 460-946193/4 | 20.000035 | 5.93285 | 250.0 | 296232.0 | 0.296642 | Y |
| 4 | STD5 460-946193/5 | 100.000173 | 26.901201 | 250.0 | 297654.0 | 0.269012 | Y |
| 5 | STD20 460-946193/6 | 400.000692 | 103.900061 | 250.0 | 287175.0 | 0.25975 | Y |
| 6 | STD50 460-946193/7 | 1000.00173 | 276.454768 | 250.0 | 292263.0 | 0.276454 | Y |
| 7 | STD200 460-946193/8 | 4000.00692 | 1096.150453 | 250.0 | 294710.0 | 0.274037 | Y |
| 8 | STD500 460-946193/9 | 10000.0173 | 2800.414317 | 250.0 | 316666.0 | 0.280041 | Y |






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## Calibration / cis-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

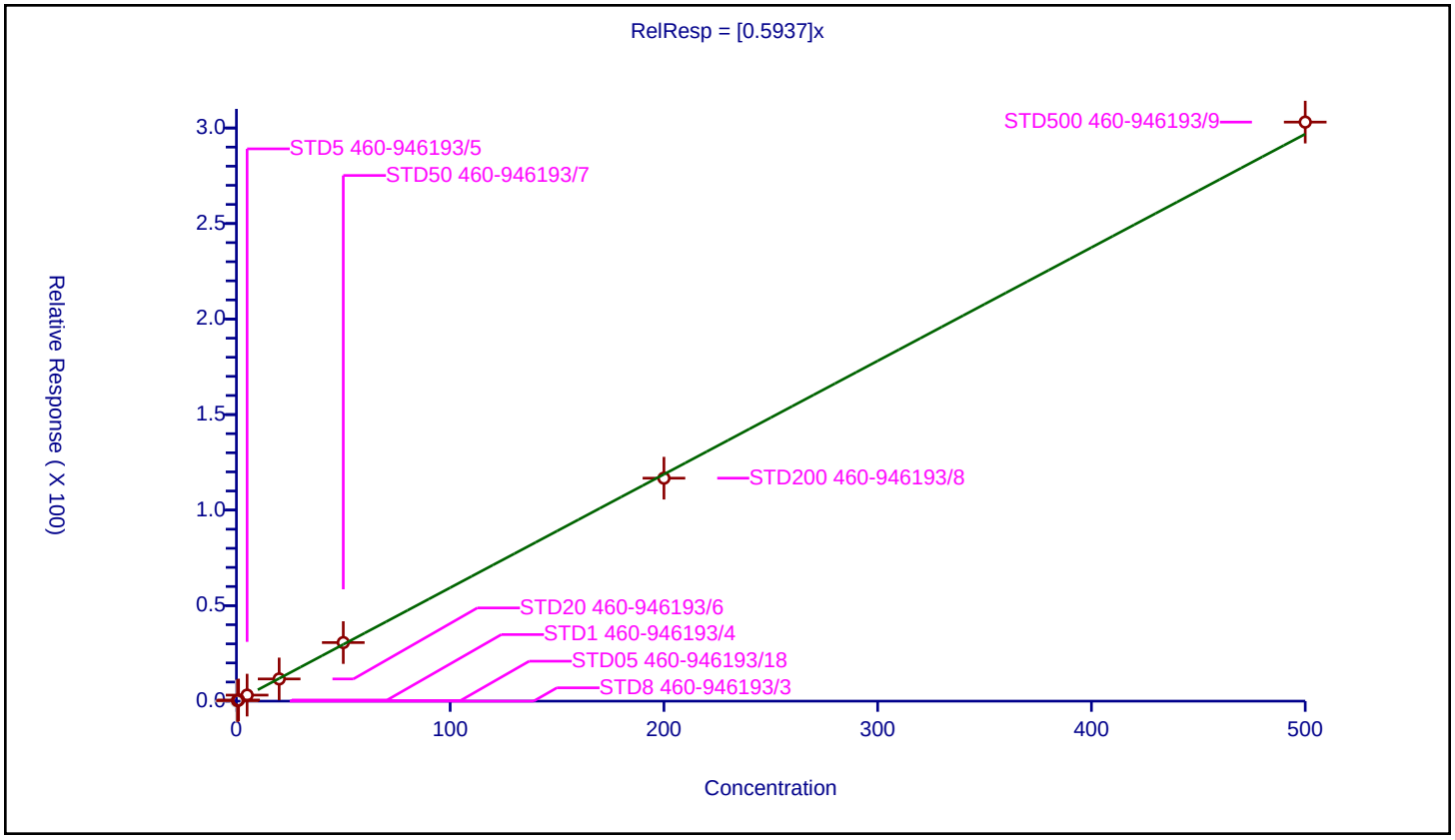
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5937 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1110000 |
| **Relative Standard Error:** | 4.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.273808 | 50.0 | 390967.0 | 0.547617 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.591366 | 50.0 | 385125.0 | 0.591366 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.162027 | 50.0 | 388485.0 | 0.632405 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 11.622541 | 50.0 | 384021.0 | 0.581127 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 30.669634 | 50.0 | 392543.0 | 0.613393 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 116.704122 | 50.0 | 404487.0 | 0.583521 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 303.088078 | 50.0 | 418027.0 | 0.606176 | 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 |

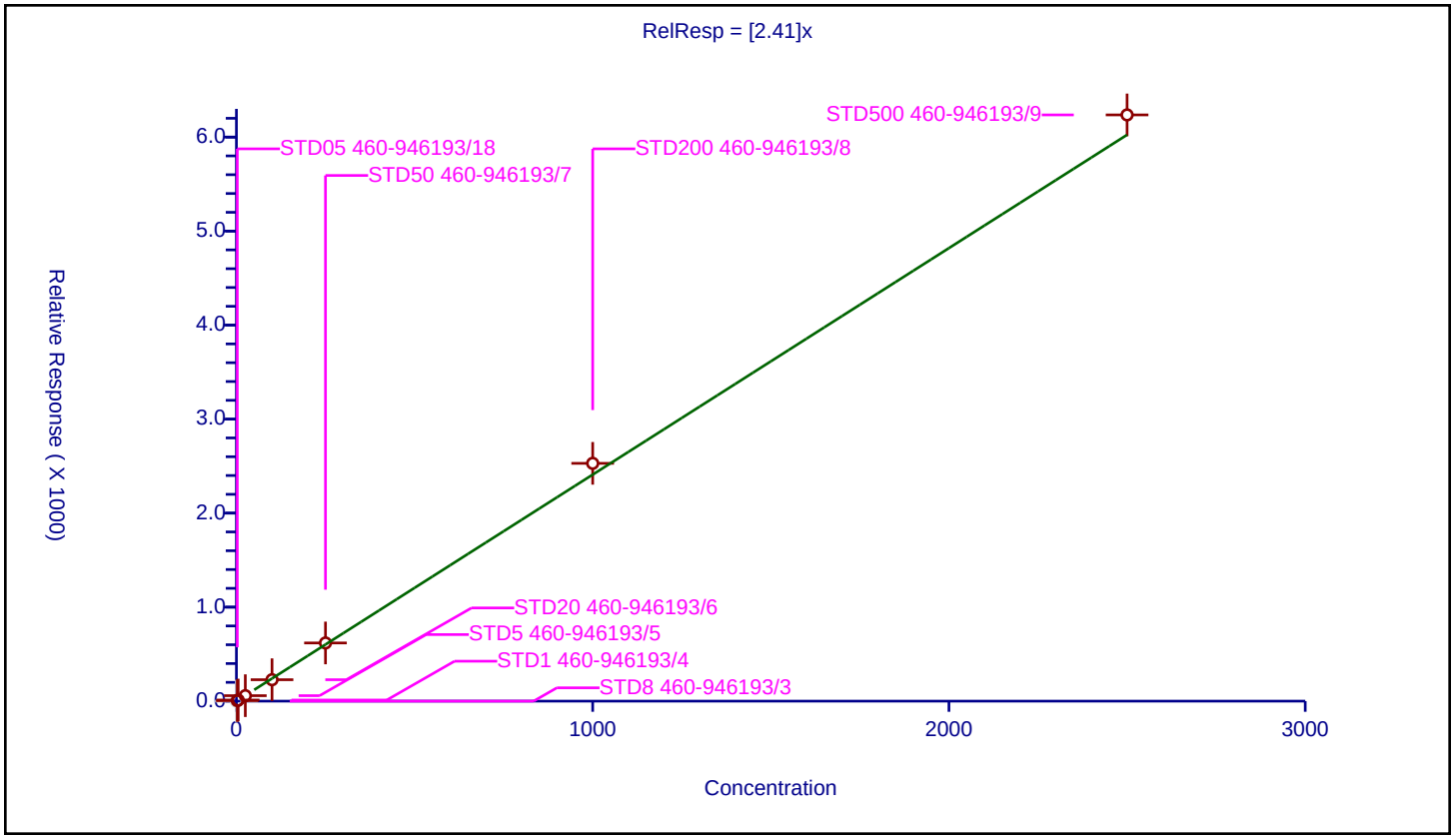
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.41 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3460000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 250.0 | 305900.0 | NaN | N |
| 2 | STD05 460-946193/18 | 2.5 | 6.036966 | 250.0 | 297459.0 | 2.414787 | Y |
| 3 | STD1 460-946193/4 | 5.0 | 11.717168 | 250.0 | 296232.0 | 2.343434 | Y |
| 4 | STD5 460-946193/5 | 25.0 | 58.222802 | 250.0 | 297654.0 | 2.328912 | Y |
| 5 | STD20 460-946193/6 | 100.0 | 228.016018 | 250.0 | 287175.0 | 2.28016 | Y |
| 6 | STD50 460-946193/7 | 250.0 | 619.004116 | 250.0 | 292263.0 | 2.476016 | Y |
| 7 | STD200 460-946193/8 | 1000.0 | 2529.504428 | 250.0 | 294710.0 | 2.529504 | Y |
| 8 | STD500 460-946193/9 | 2500.0 | 6236.087865 | 250.0 | 316666.0 | 2.494435 | Y |



## Calibration / Toluene-d8 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

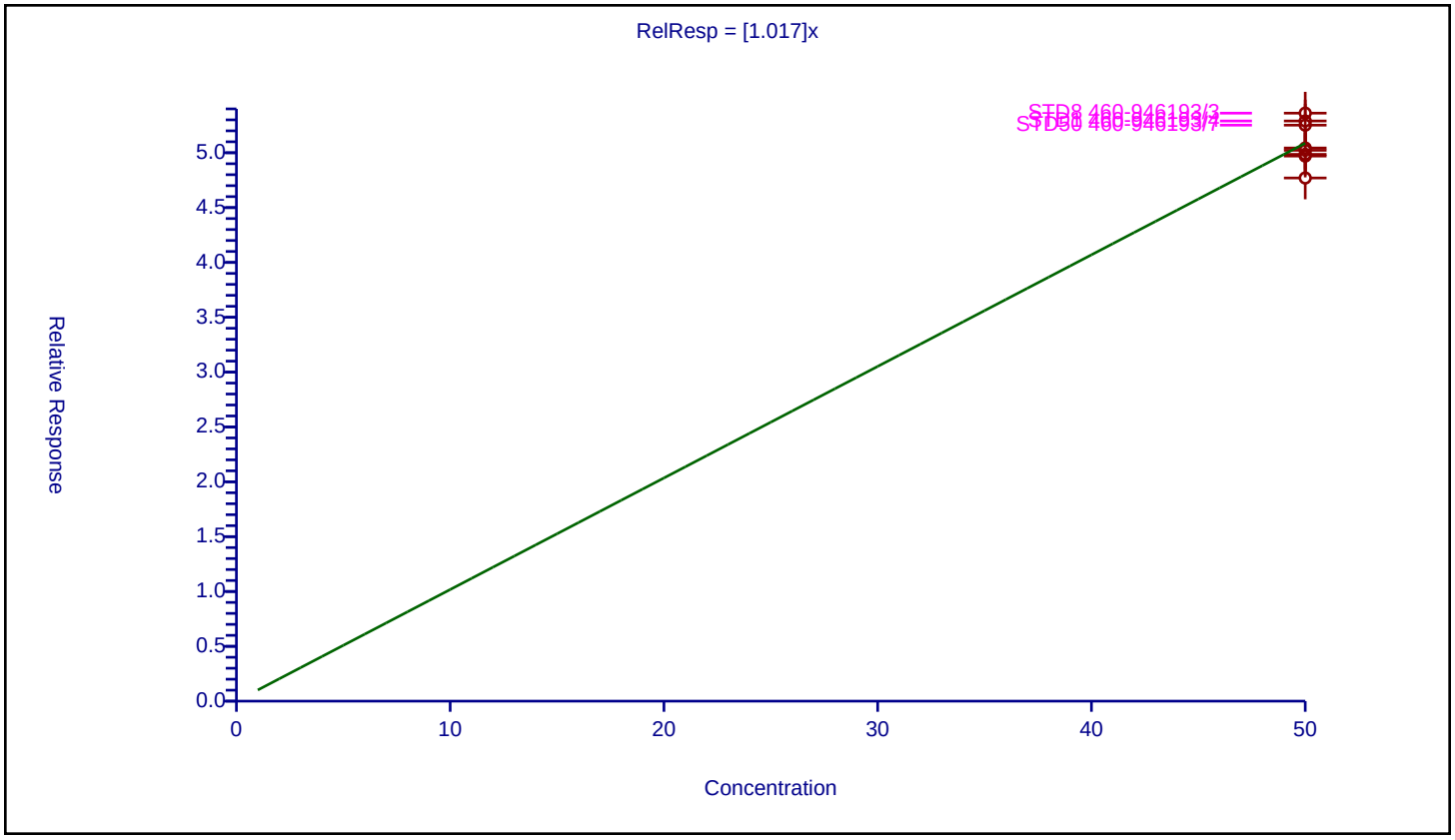
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.017 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 429000 |
| **Relative Standard Error:** | 3.9 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 50.0 | 53.610557 | 50.0 | 393485.0 | 1.072211 | Y |
| 2 | STD1 460-946193/4 | 50.0 | 52.89802 | 50.0 | 385125.0 | 1.05796 | Y |
| 3 | STD5 460-946193/5 | 50.0 | 49.85392 | 50.0 | 388485.0 | 0.997078 | Y |
| 4 | STD20 460-946193/6 | 50.0 | 50.223686 | 50.0 | 384021.0 | 1.004474 | Y |
| 5 | STD50 460-946193/7 | 50.0 | 52.516922 | 50.0 | 392543.0 | 1.050338 | Y |
| 6 | STD200 460-946193/8 | 50.0 | 47.701286 | 50.0 | 404487.0 | 0.954026 | Y |
| 7 | STD500 460-946193/9 | 50.0 | 50.434422 | 50.0 | 418027.0 | 1.008688 | Y |
| 8 | STD05 460-946193/18 | 50.0 | 49.698824 | 50.0 | 390967.0 | 0.993976 | Y |



## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

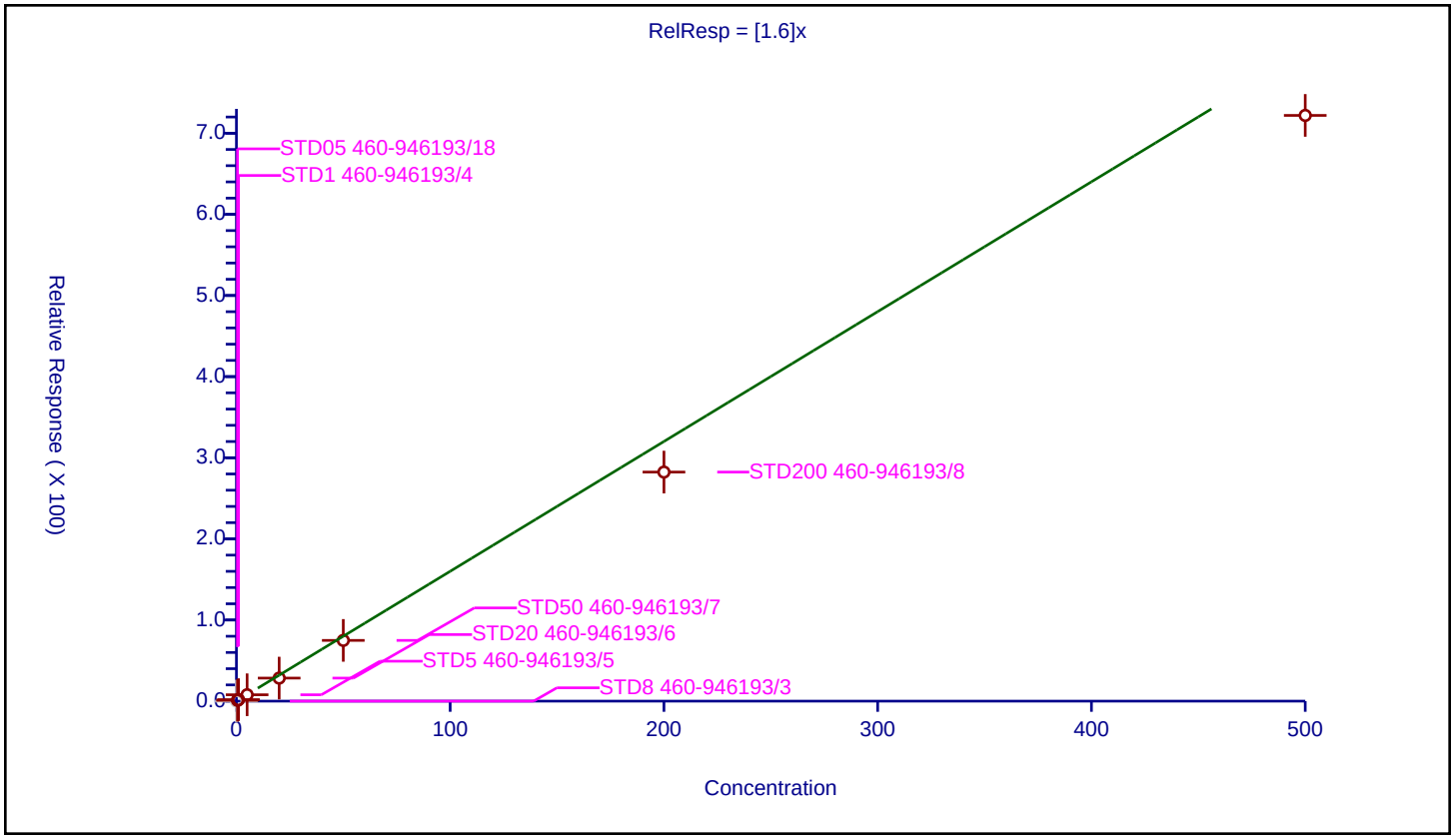
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.6 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2650000 |
| **Relative Standard Error:** | 15.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.967 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.017861 | 50.0 | 390967.0 | 2.035722 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.824213 | 50.0 | 385125.0 | 1.824213 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 7.848566 | 50.0 | 388485.0 | 1.569713 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 28.402613 | 50.0 | 384021.0 | 1.420131 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 74.854475 | 50.0 | 392543.0 | 1.497089 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 282.341212 | 50.0 | 404487.0 | 1.411706 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 721.9554 | 50.0 | 418027.0 | 1.443911 | 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 |

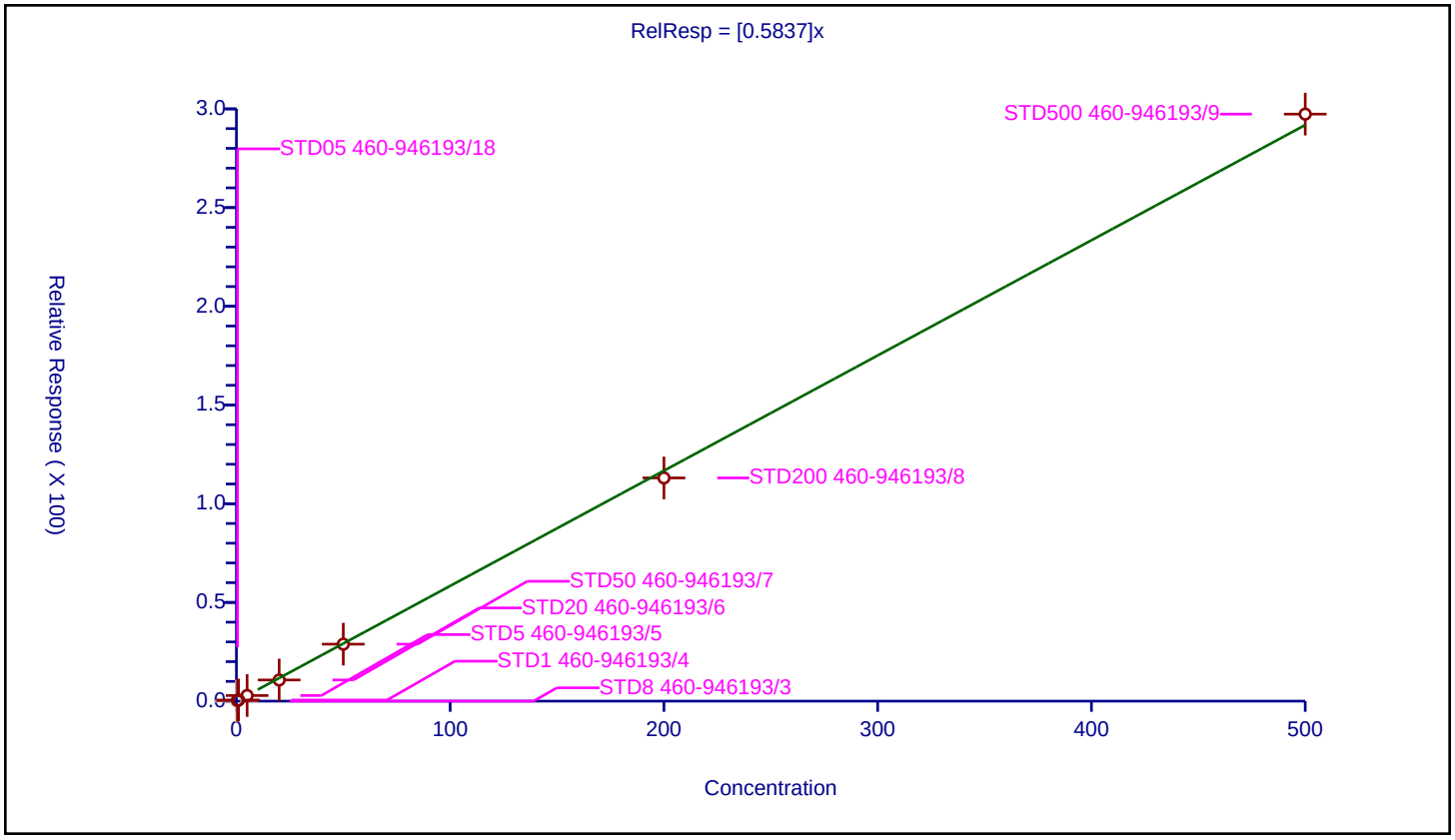
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5837 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1090000 |
| **Relative Standard Error:** | 8.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.342612 | 50.0 | 390967.0 | 0.685224 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.55826 | 50.0 | 385125.0 | 0.55826 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.845284 | 50.0 | 388485.0 | 0.569057 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 10.712044 | 50.0 | 384021.0 | 0.535602 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 28.869576 | 50.0 | 392543.0 | 0.577392 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 113.064573 | 50.0 | 404487.0 | 0.565323 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 297.357707 | 50.0 | 418027.0 | 0.594715 | Y |



## Calibration / Ethyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

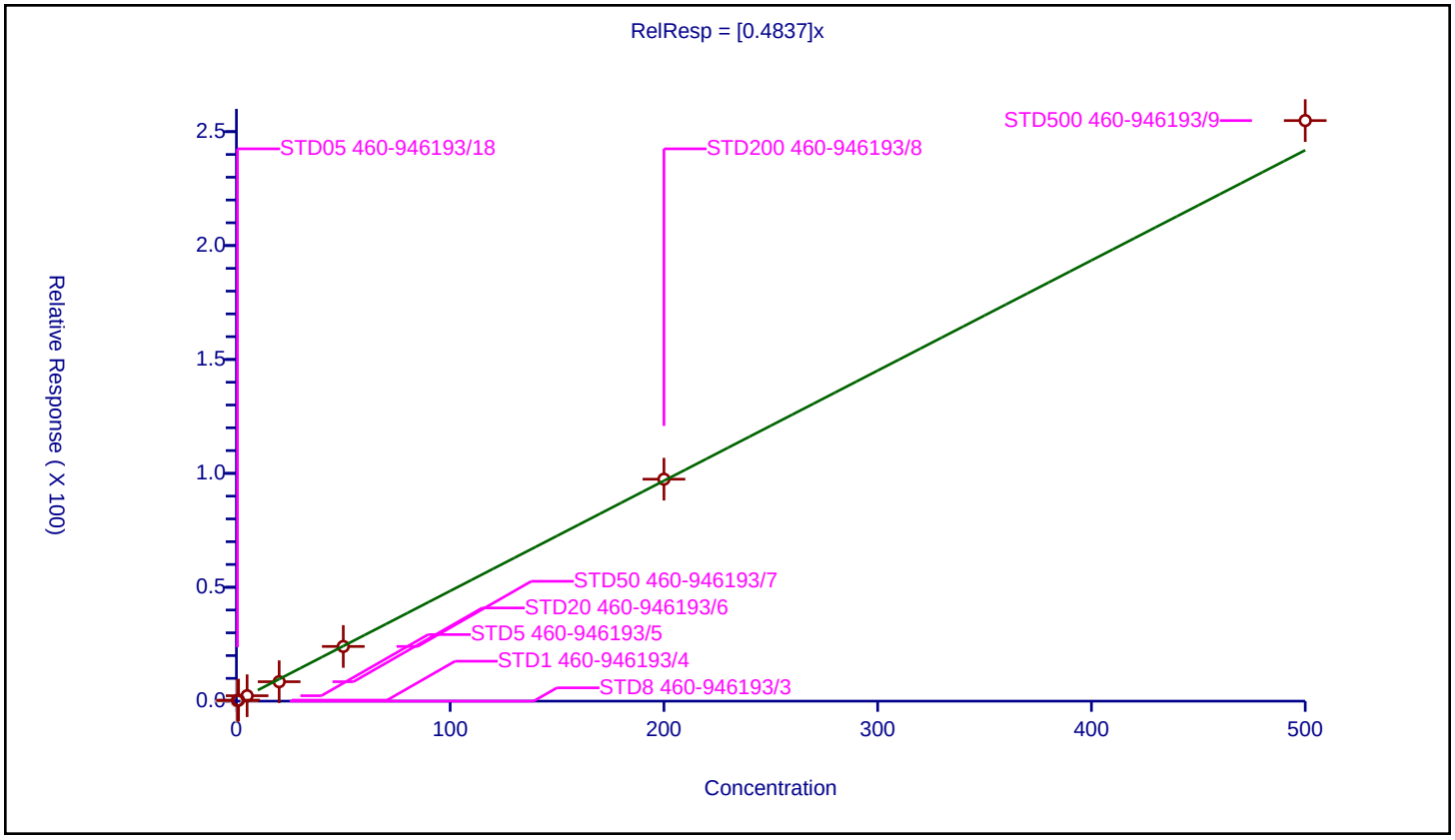
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4837 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 931000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.275982 | 50.0 | 390967.0 | 0.551965 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.455307 | 50.0 | 385125.0 | 0.455307 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.376797 | 50.0 | 388485.0 | 0.475359 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 8.527398 | 50.0 | 384021.0 | 0.42637 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 24.005268 | 50.0 | 392543.0 | 0.480105 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 97.437619 | 50.0 | 404487.0 | 0.487188 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 254.869063 | 50.0 | 418027.0 | 0.509738 | 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 |

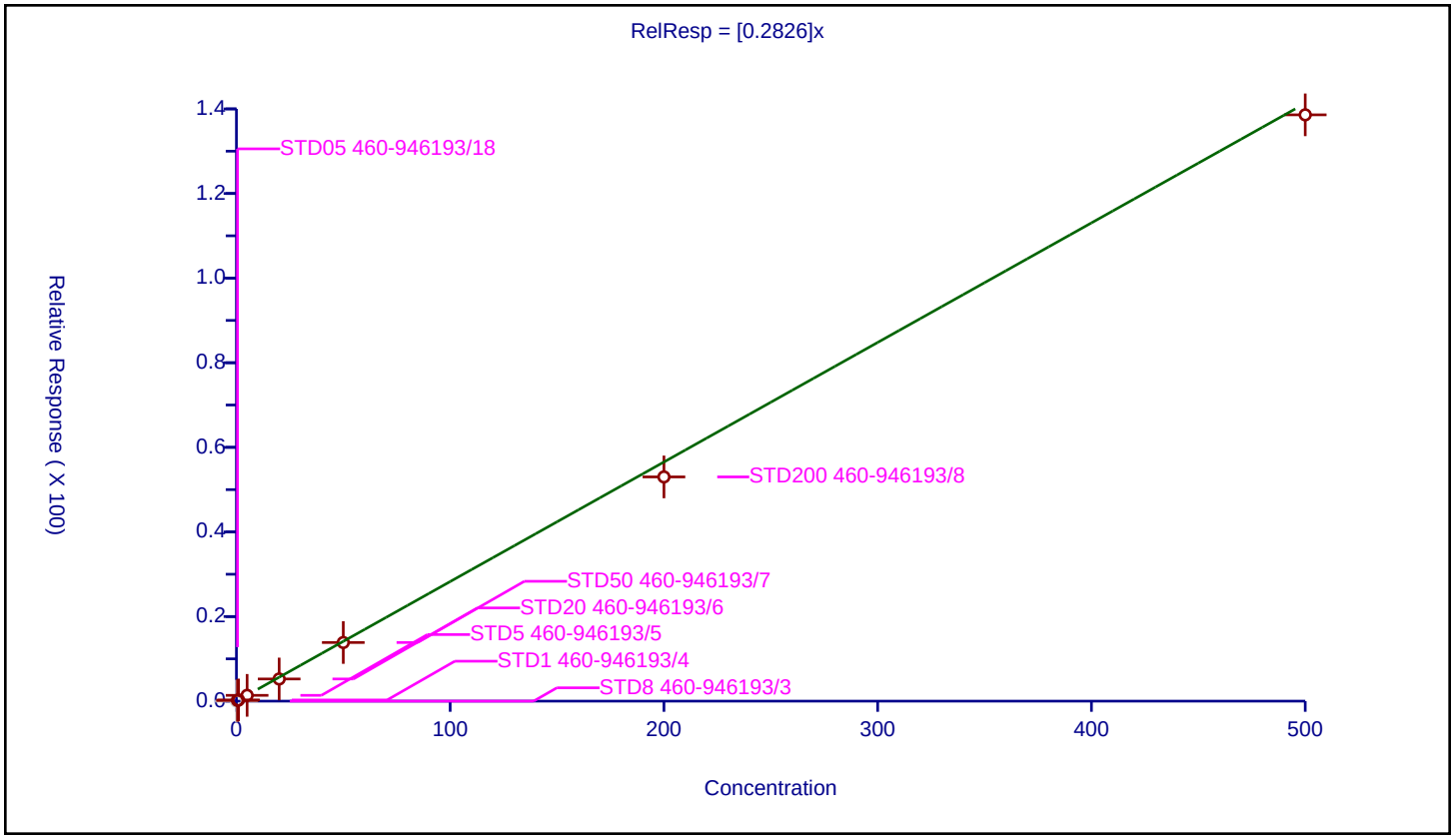
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2826 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 507000 |
| **Relative Standard Error:** | 10.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.175334 | 50.0 | 390967.0 | 0.350669 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.272379 | 50.0 | 385125.0 | 0.272379 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.370194 | 50.0 | 388485.0 | 0.274039 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.238776 | 50.0 | 384021.0 | 0.261939 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 13.859119 | 50.0 | 392543.0 | 0.277182 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 53.004794 | 50.0 | 404487.0 | 0.265024 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 138.595832 | 50.0 | 418027.0 | 0.277192 | Y |



## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

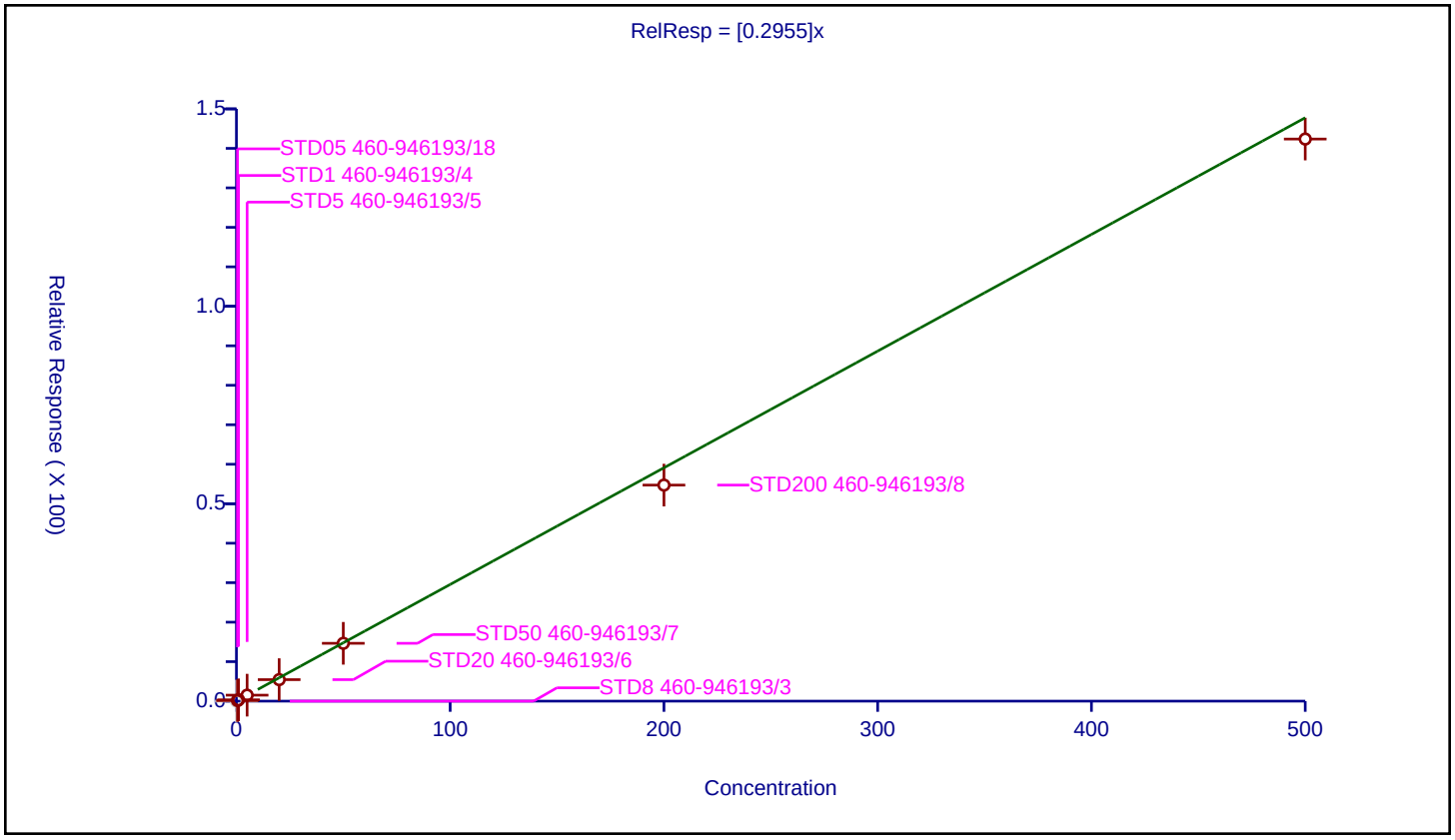
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2955 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 521000 |
| **Relative Standard Error:** | 7.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.154233 | 50.0 | 390967.0 | 0.308466 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.334307 | 50.0 | 385125.0 | 0.334307 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.512027 | 50.0 | 388485.0 | 0.302405 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.443973 | 50.0 | 384021.0 | 0.272199 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 14.645275 | 50.0 | 392543.0 | 0.292905 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 54.719682 | 50.0 | 404487.0 | 0.273598 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 142.360661 | 50.0 | 418027.0 | 0.284721 | Y |



## Calibration / 1,3-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

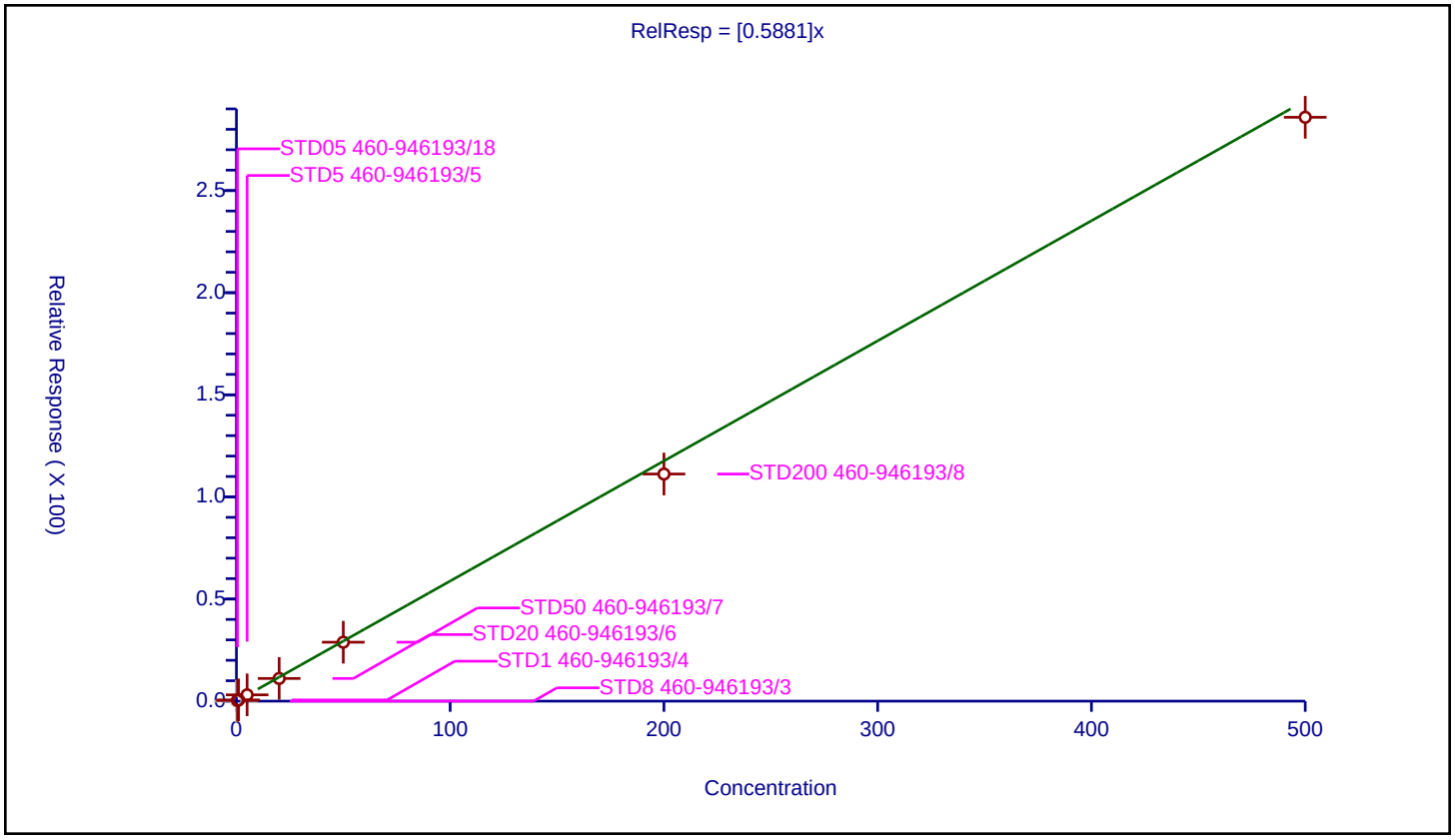
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5881 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1050000 |
| **Relative Standard Error:** | 6.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.327521 | 50.0 | 390967.0 | 0.655042 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.583447 | 50.0 | 385125.0 | 0.583447 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.086863 | 50.0 | 388485.0 | 0.617373 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 11.110981 | 50.0 | 384021.0 | 0.555549 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 28.857858 | 50.0 | 392543.0 | 0.577157 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 111.207406 | 50.0 | 404487.0 | 0.556037 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 285.896485 | 50.0 | 418027.0 | 0.571793 | Y |






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## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

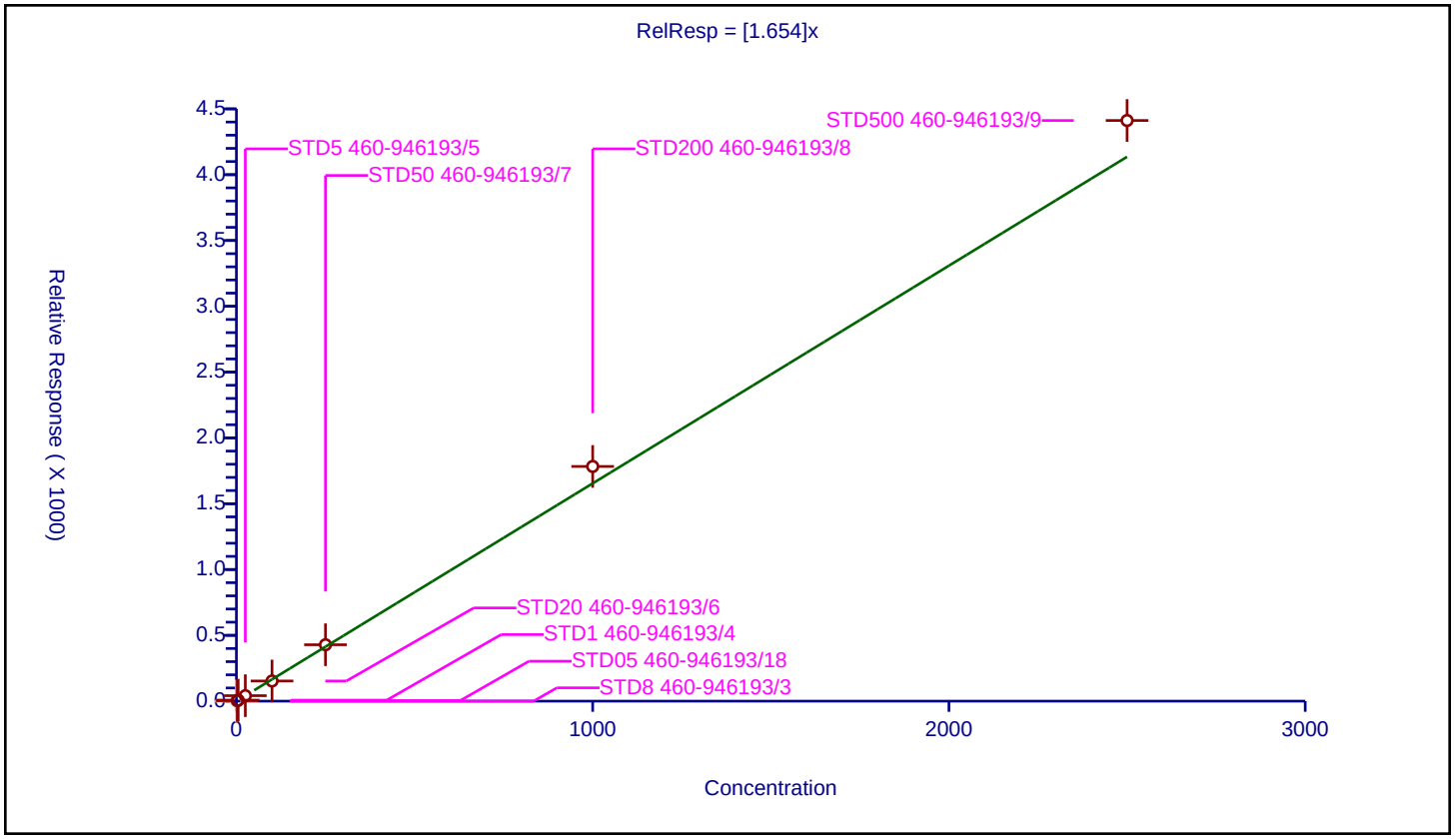
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.654 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2450000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 250.0 | 305900.0 | NaN | N |
| 2 | STD05 460-946193/18 | 2.5 | 3.9787 | 250.0 | 297459.0 | 1.59148 | Y |
| 3 | STD1 460-946193/4 | 5.0 | 7.671352 | 250.0 | 296232.0 | 1.53427 | Y |
| 4 | STD5 460-946193/5 | 25.0 | 41.558319 | 250.0 | 297654.0 | 1.662333 | Y |
| 5 | STD20 460-946193/6 | 100.0 | 153.067816 | 250.0 | 287175.0 | 1.530678 | Y |
| 6 | STD50 460-946193/7 | 250.0 | 428.489922 | 250.0 | 292263.0 | 1.71396 | Y |
| 7 | STD200 460-946193/8 | 1000.0 | 1783.225035 | 250.0 | 294710.0 | 1.783225 | Y |
| 8 | STD500 460-946193/9 | 2500.0 | 4411.742972 | 250.0 | 316666.0 | 1.764697 | Y |



## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

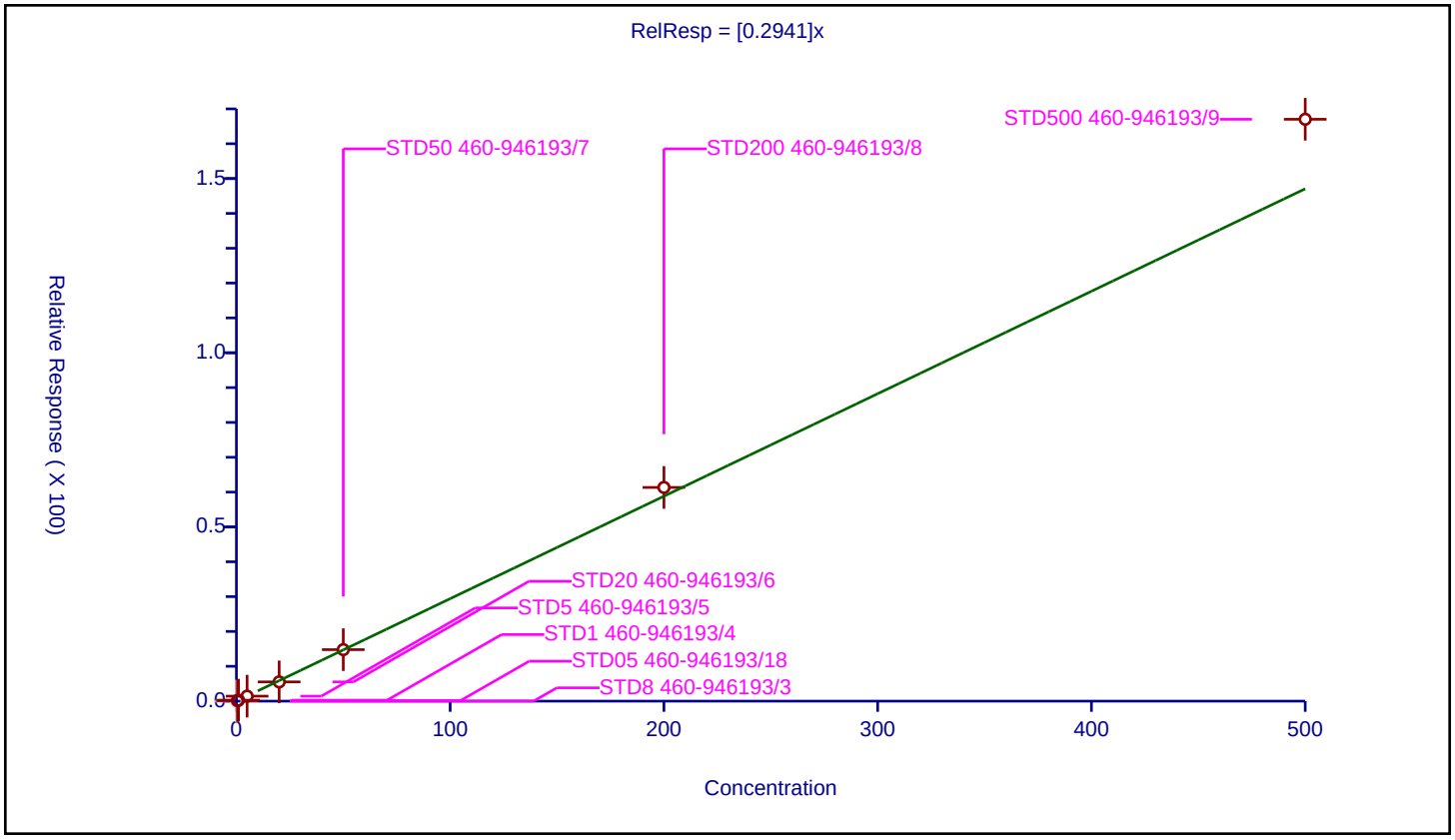
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2941 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 607000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.141828 | 50.0 | 390967.0 | 0.283656 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.276534 | 50.0 | 385125.0 | 0.276534 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.431329 | 50.0 | 388485.0 | 0.286266 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.522094 | 50.0 | 384021.0 | 0.276105 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 14.783603 | 50.0 | 392543.0 | 0.295672 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 61.336706 | 50.0 | 404487.0 | 0.306684 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 167.019355 | 50.0 | 418027.0 | 0.334039 | Y |



## Calibration / n-Butyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

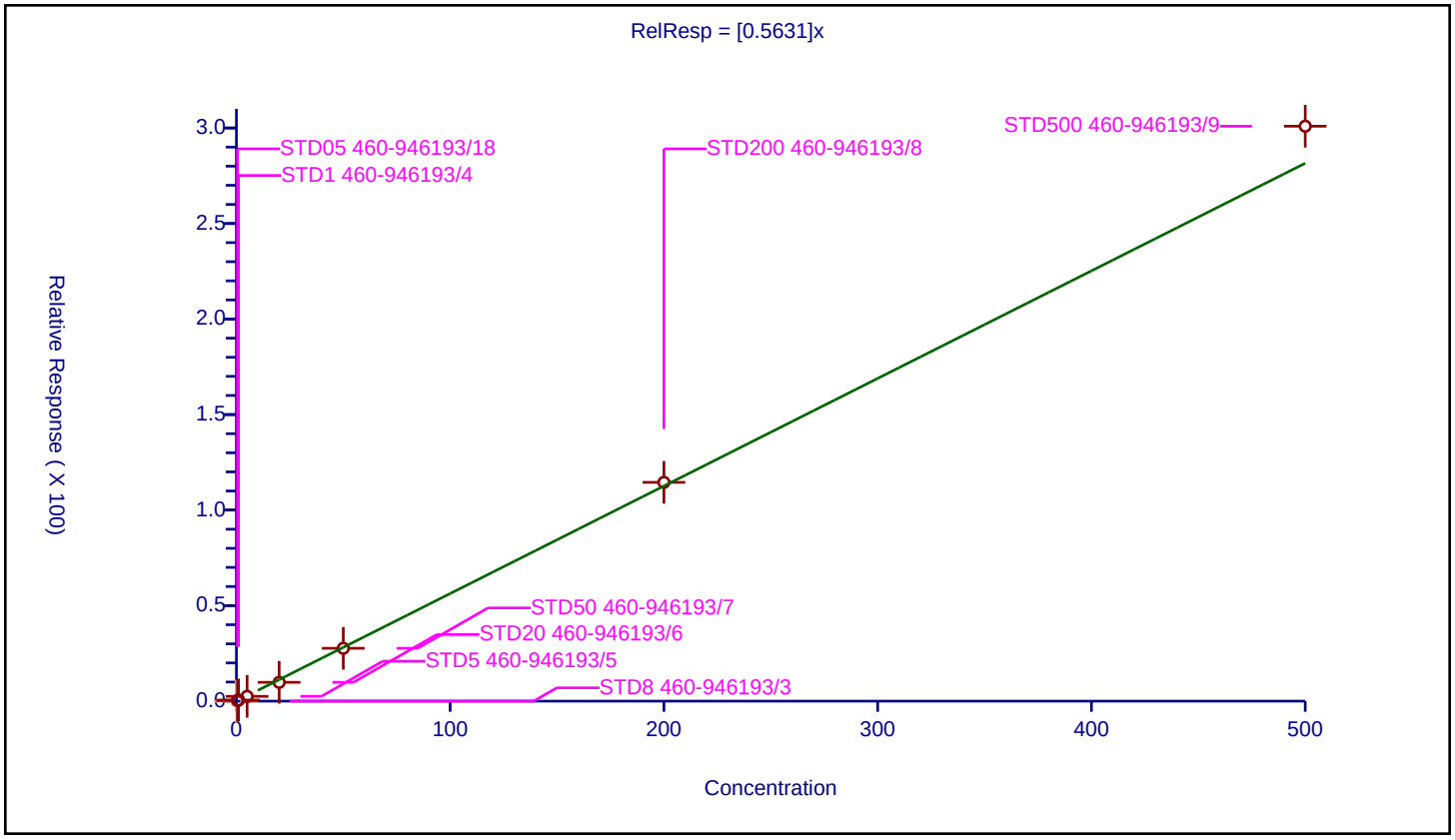
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5631 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1100000 |
| **Relative Standard Error:** | 9.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.323429 | 50.0 | 390967.0 | 0.646858 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.575008 | 50.0 | 385125.0 | 0.575008 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.498295 | 50.0 | 388485.0 | 0.499659 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 9.84855 | 50.0 | 384021.0 | 0.492427 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 27.660537 | 50.0 | 392543.0 | 0.553211 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 114.520615 | 50.0 | 404487.0 | 0.572603 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 300.924701 | 50.0 | 418027.0 | 0.601849 | Y |






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## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

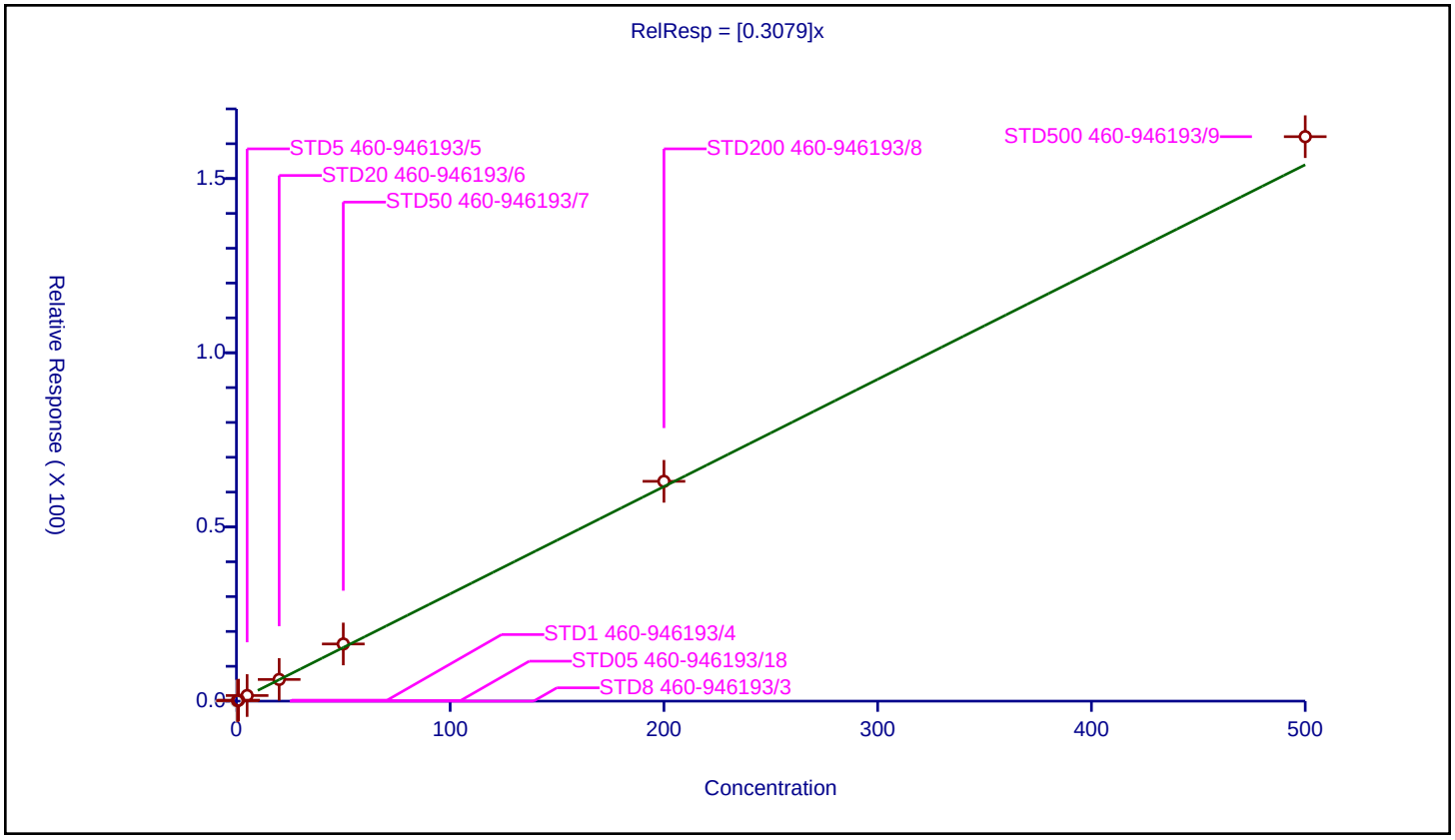
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3079 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 594000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.138886 | 50.0 | 390967.0 | 0.277773 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.276793 | 50.0 | 385125.0 | 0.276793 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.609972 | 50.0 | 388485.0 | 0.321994 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 6.22466 | 50.0 | 384021.0 | 0.311233 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 16.413106 | 50.0 | 392543.0 | 0.328262 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 63.096836 | 50.0 | 404487.0 | 0.315484 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 162.025778 | 50.0 | 418027.0 | 0.324052 | Y |






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## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

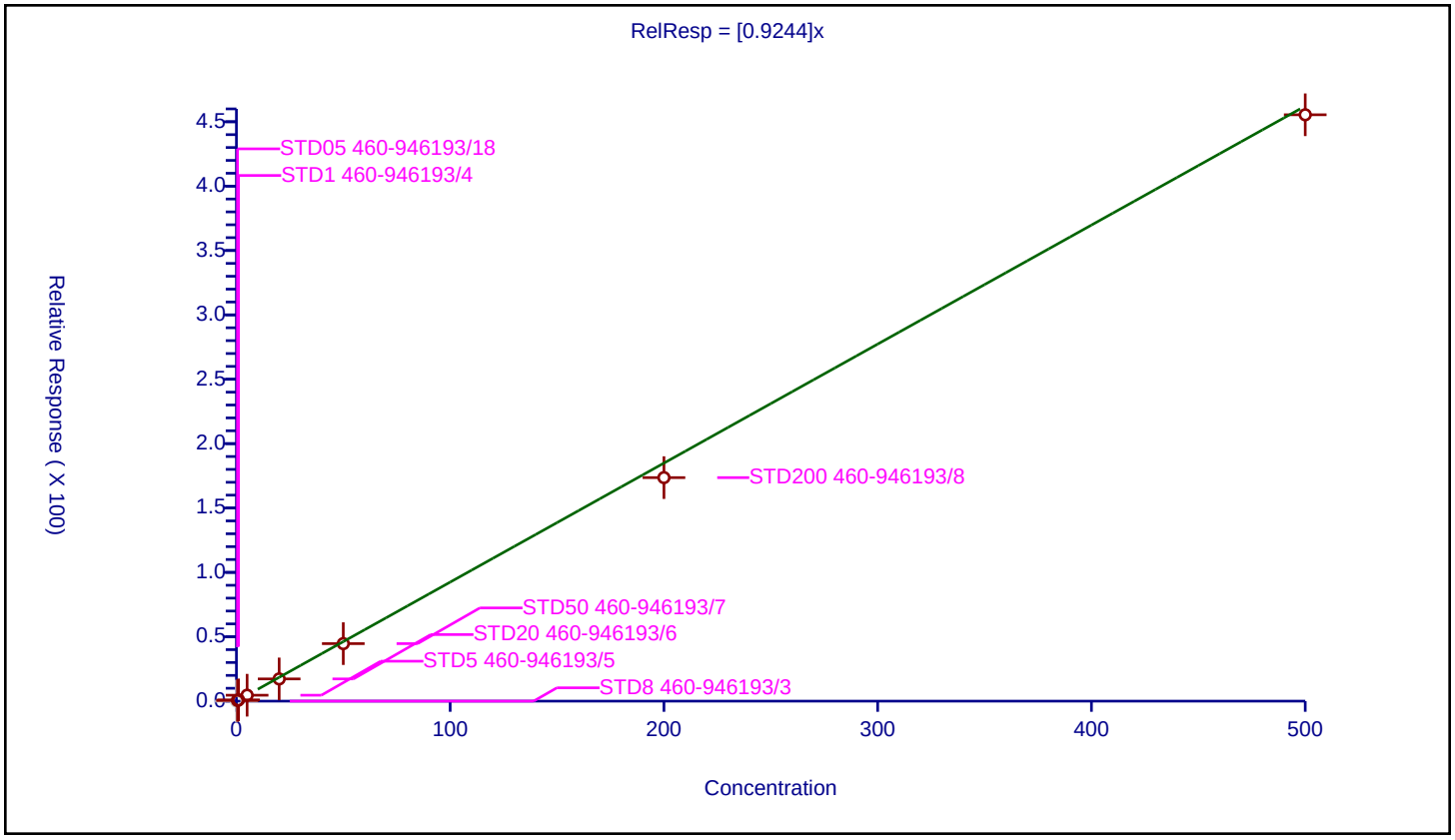
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9244 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1660000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.524085 | 50.0 | 390967.0 | 1.04817 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.965141 | 50.0 | 385125.0 | 0.965141 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 4.607256 | 50.0 | 388485.0 | 0.921451 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 17.272233 | 50.0 | 384021.0 | 0.863612 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 44.674851 | 50.0 | 392543.0 | 0.893497 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 173.607063 | 50.0 | 404487.0 | 0.868035 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 455.43051 | 50.0 | 418027.0 | 0.910861 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

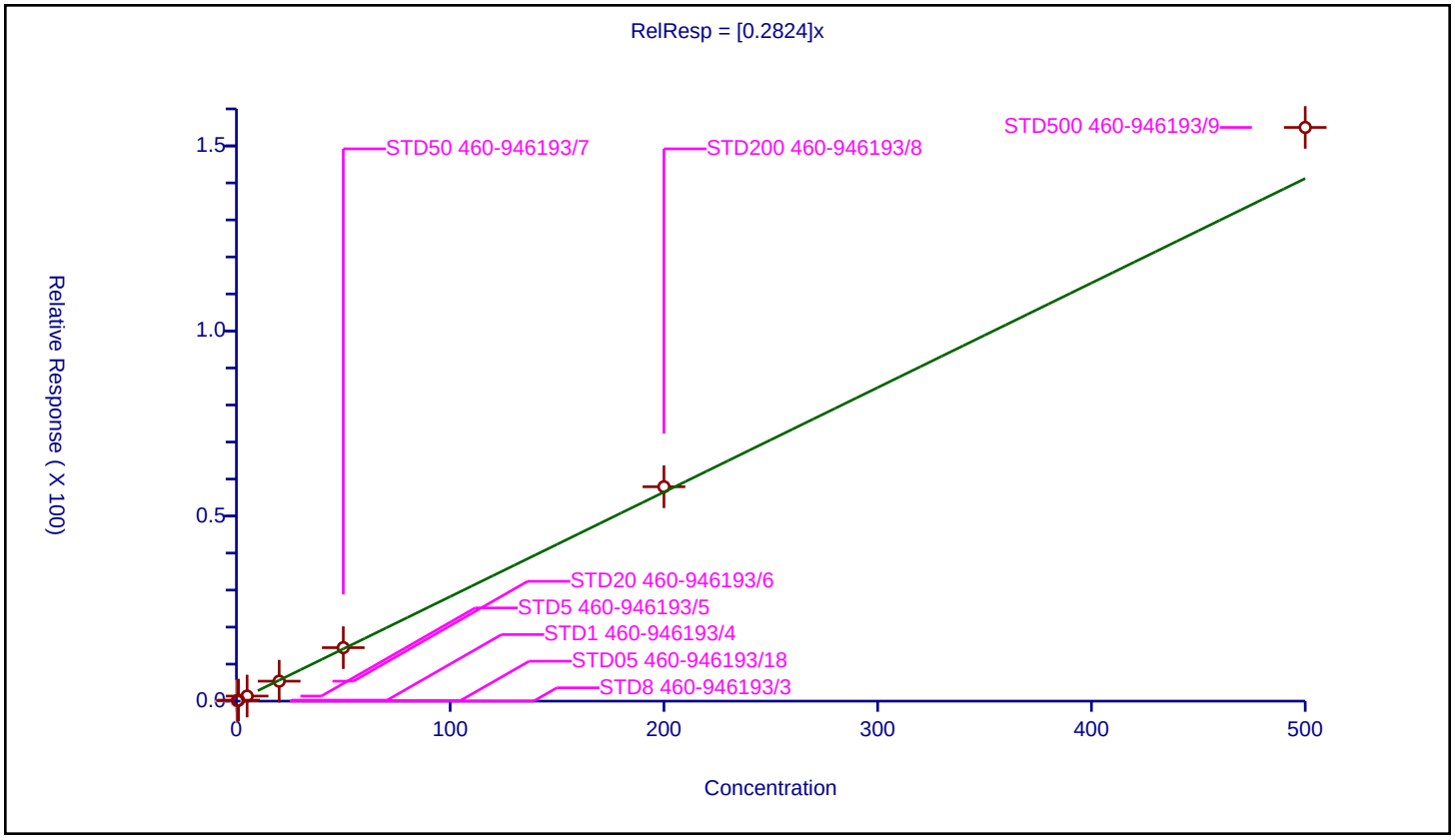
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2824 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 565000 |
| **Relative Standard Error:** | 5.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.138119 | 50.0 | 390967.0 | 0.276238 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.267965 | 50.0 | 385125.0 | 0.267965 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.371095 | 50.0 | 388485.0 | 0.274219 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.396189 | 50.0 | 384021.0 | 0.269809 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 14.446952 | 50.0 | 392543.0 | 0.288939 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 57.917807 | 50.0 | 404487.0 | 0.289589 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 154.992022 | 50.0 | 418027.0 | 0.309984 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

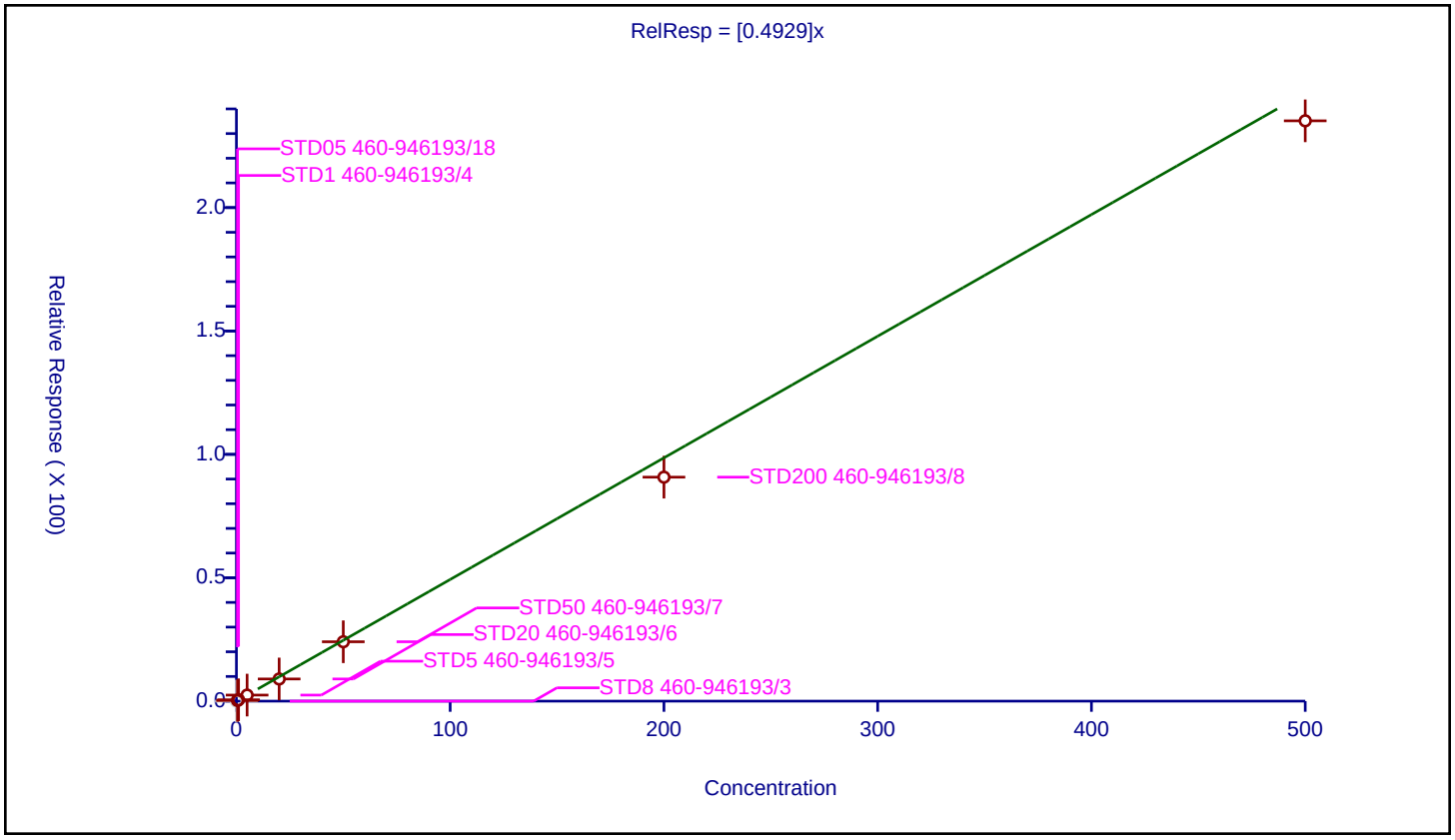
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4929 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 861000 |
| **Relative Standard Error:** | 8.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.278412 | 50.0 | 390967.0 | 0.556824 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.547744 | 50.0 | 385125.0 | 0.547744 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.457624 | 50.0 | 388485.0 | 0.491525 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 8.979847 | 50.0 | 384021.0 | 0.448992 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 24.061695 | 50.0 | 392543.0 | 0.481234 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 90.765093 | 50.0 | 404487.0 | 0.453825 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 235.160408 | 50.0 | 418027.0 | 0.470321 | Y |






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## Calibration / m-Xylene & p-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

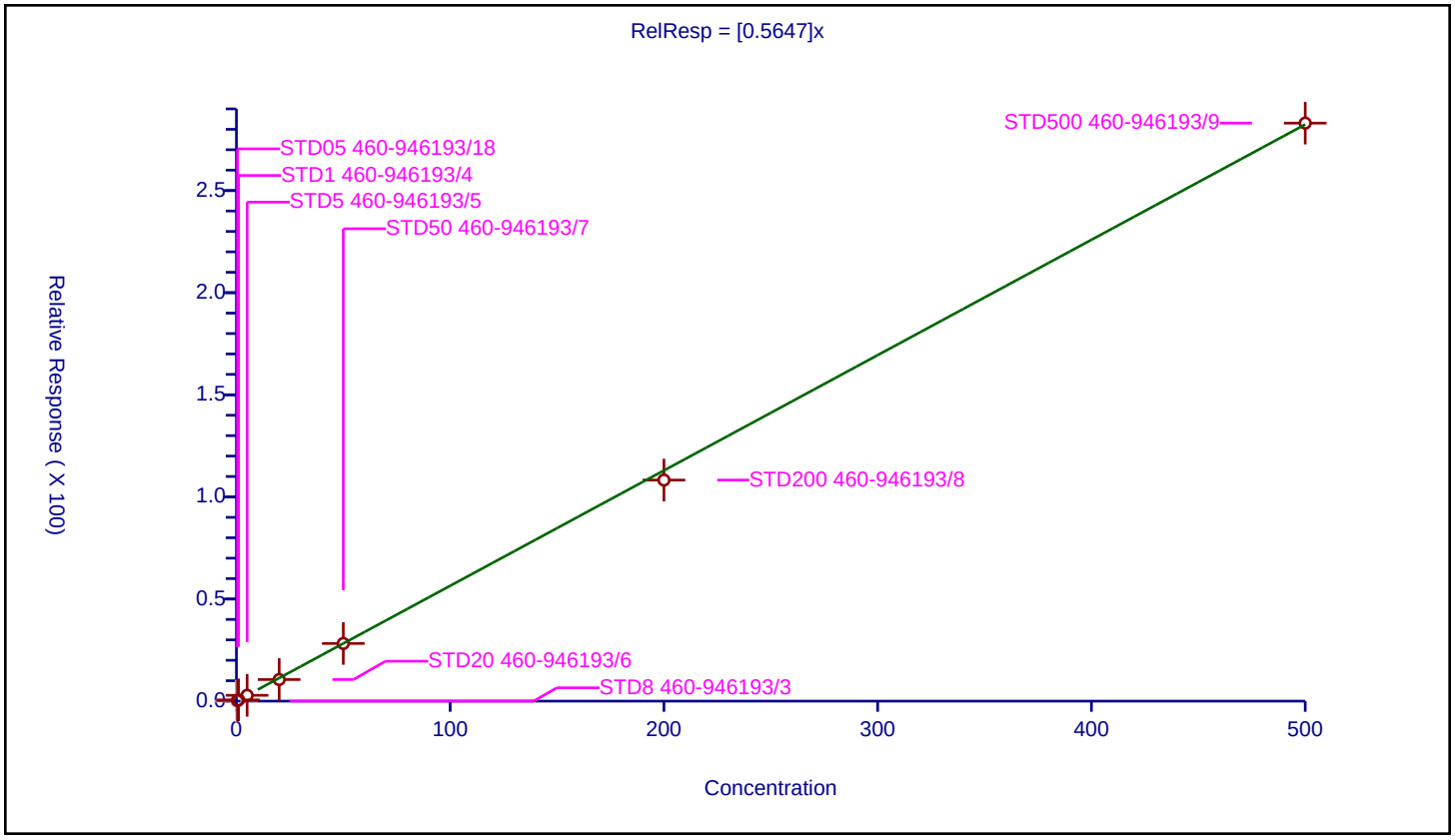
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5647 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1030000 |
| **Relative Standard Error:** | 4.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.290434 | 50.0 | 390967.0 | 0.580867 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.603181 | 50.0 | 385125.0 | 0.603181 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.843997 | 50.0 | 388485.0 | 0.568799 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 10.565047 | 50.0 | 384021.0 | 0.528252 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 28.241874 | 50.0 | 392543.0 | 0.564837 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 108.246124 | 50.0 | 404487.0 | 0.541231 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 283.034948 | 50.0 | 418027.0 | 0.56607 | Y |






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## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

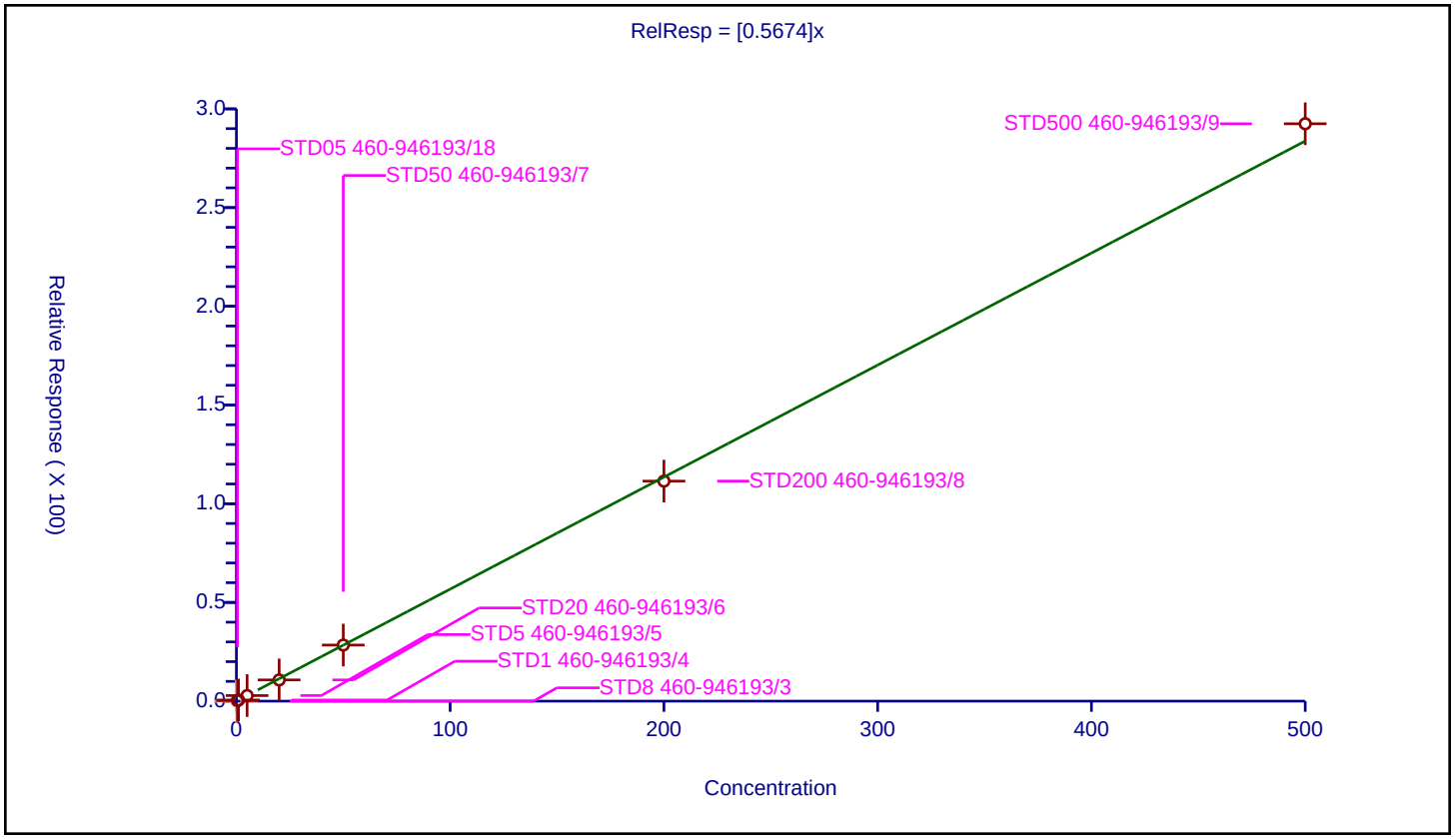
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5674 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1070000 |
| **Relative Standard Error:** | 3.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.300025 | 50.0 | 390967.0 | 0.600051 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.559169 | 50.0 | 385125.0 | 0.559169 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.826235 | 50.0 | 388485.0 | 0.565247 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 10.746548 | 50.0 | 384021.0 | 0.537327 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 28.400328 | 50.0 | 392543.0 | 0.568007 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 111.44907 | 50.0 | 404487.0 | 0.557245 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 292.477639 | 50.0 | 418027.0 | 0.584955 | Y |



## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

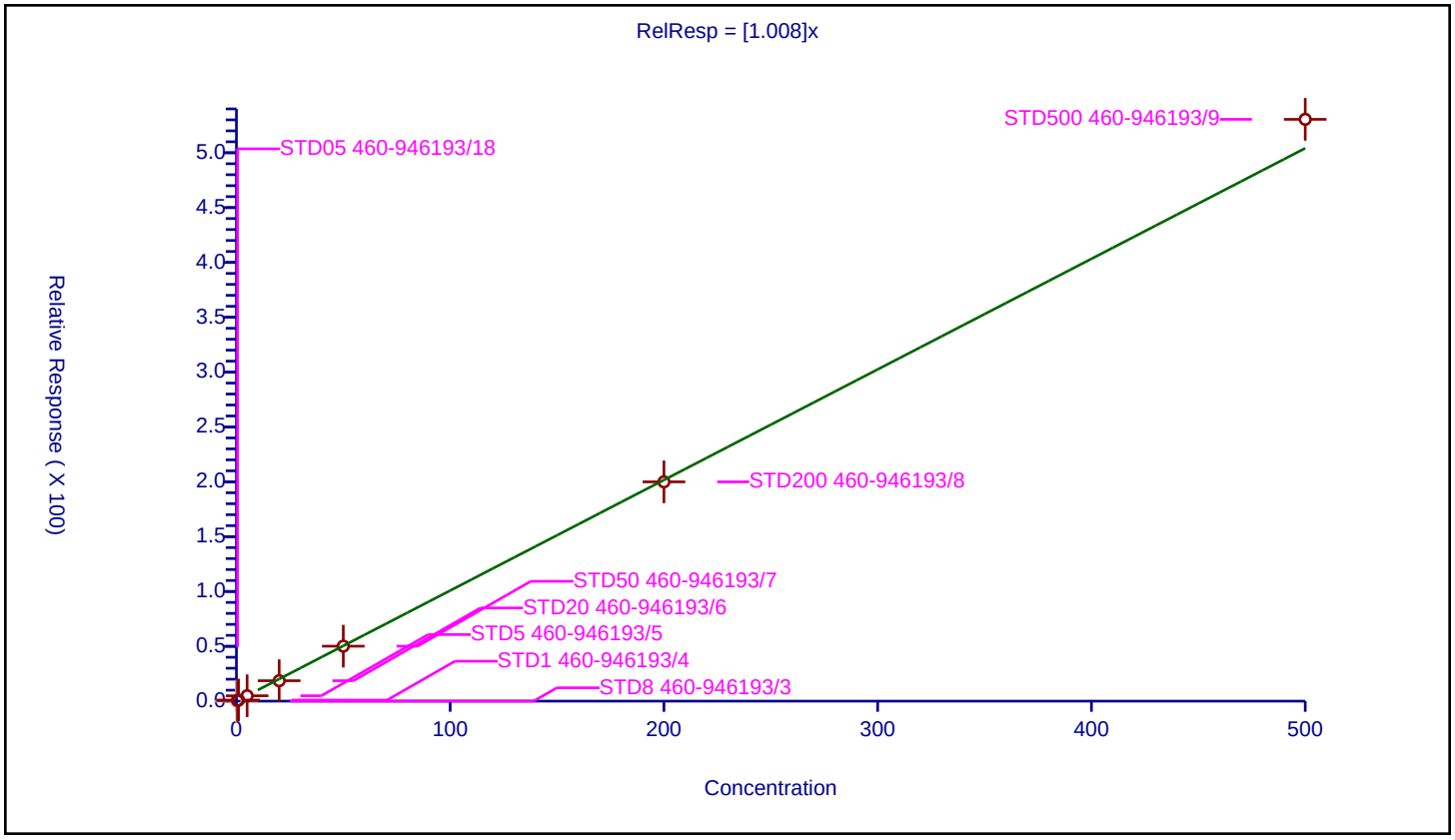
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.008 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1930000 |
| **Relative Standard Error:** | 5.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.547489 | 50.0 | 390967.0 | 1.094977 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.992145 | 50.0 | 385125.0 | 0.992145 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 4.884358 | 50.0 | 388485.0 | 0.976872 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 18.612914 | 50.0 | 384021.0 | 0.930646 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 50.115401 | 50.0 | 392543.0 | 1.002308 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 199.956859 | 50.0 | 404487.0 | 0.999784 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 530.477457 | 50.0 | 418027.0 | 1.060955 | Y |



## Calibration / n-Butyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

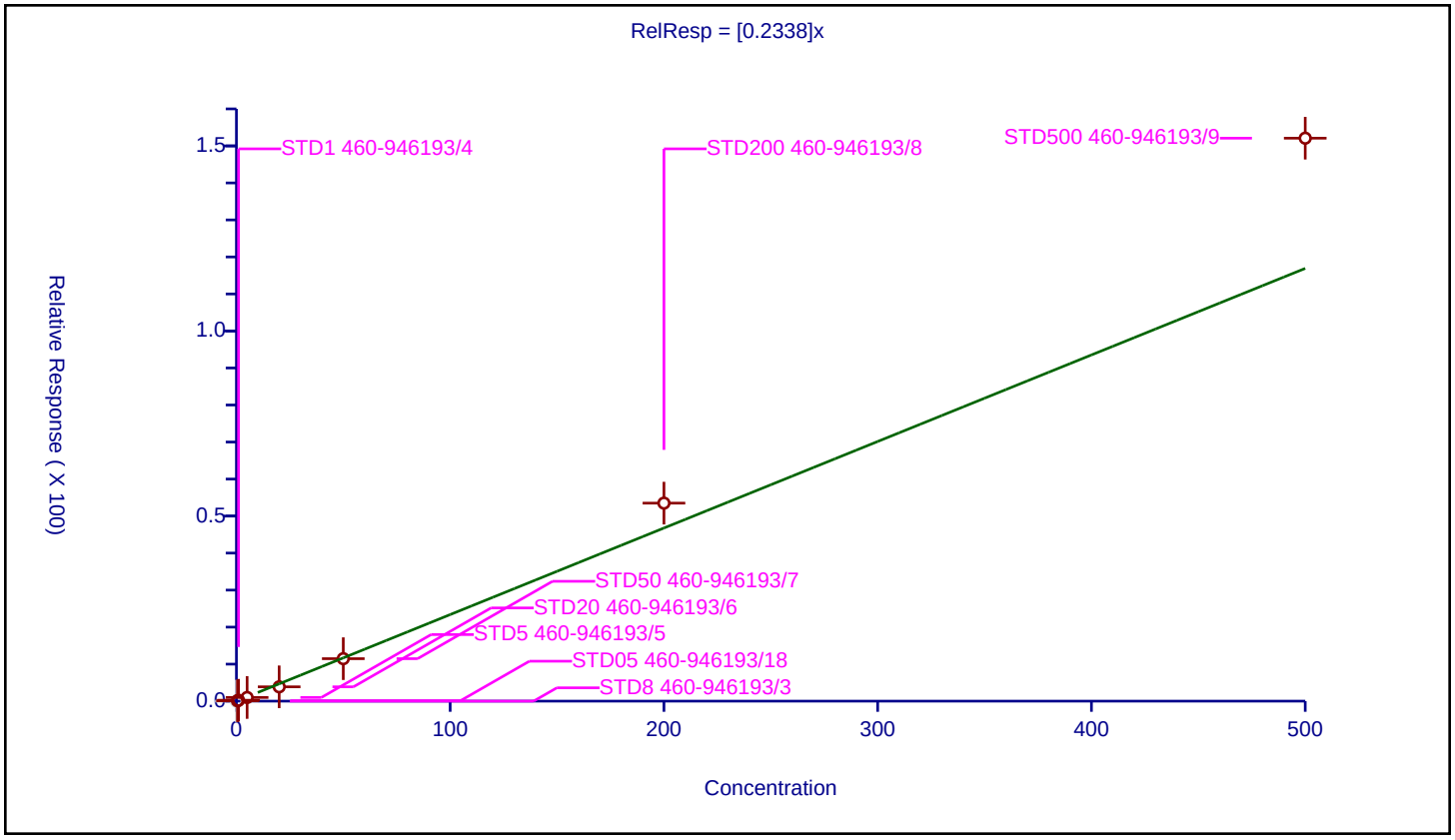
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2338 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 550000 |
| **Relative Standard Error:** | 17.5 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.966 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.101927 | 50.0 | 390967.0 | 0.203854 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.240961 | 50.0 | 385125.0 | 0.240961 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.986653 | 50.0 | 388485.0 | 0.197331 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 3.868799 | 50.0 | 384021.0 | 0.19344 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 11.473393 | 50.0 | 392543.0 | 0.229468 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 53.494921 | 50.0 | 404487.0 | 0.267475 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 152.086348 | 50.0 | 418027.0 | 0.304173 | Y |



## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

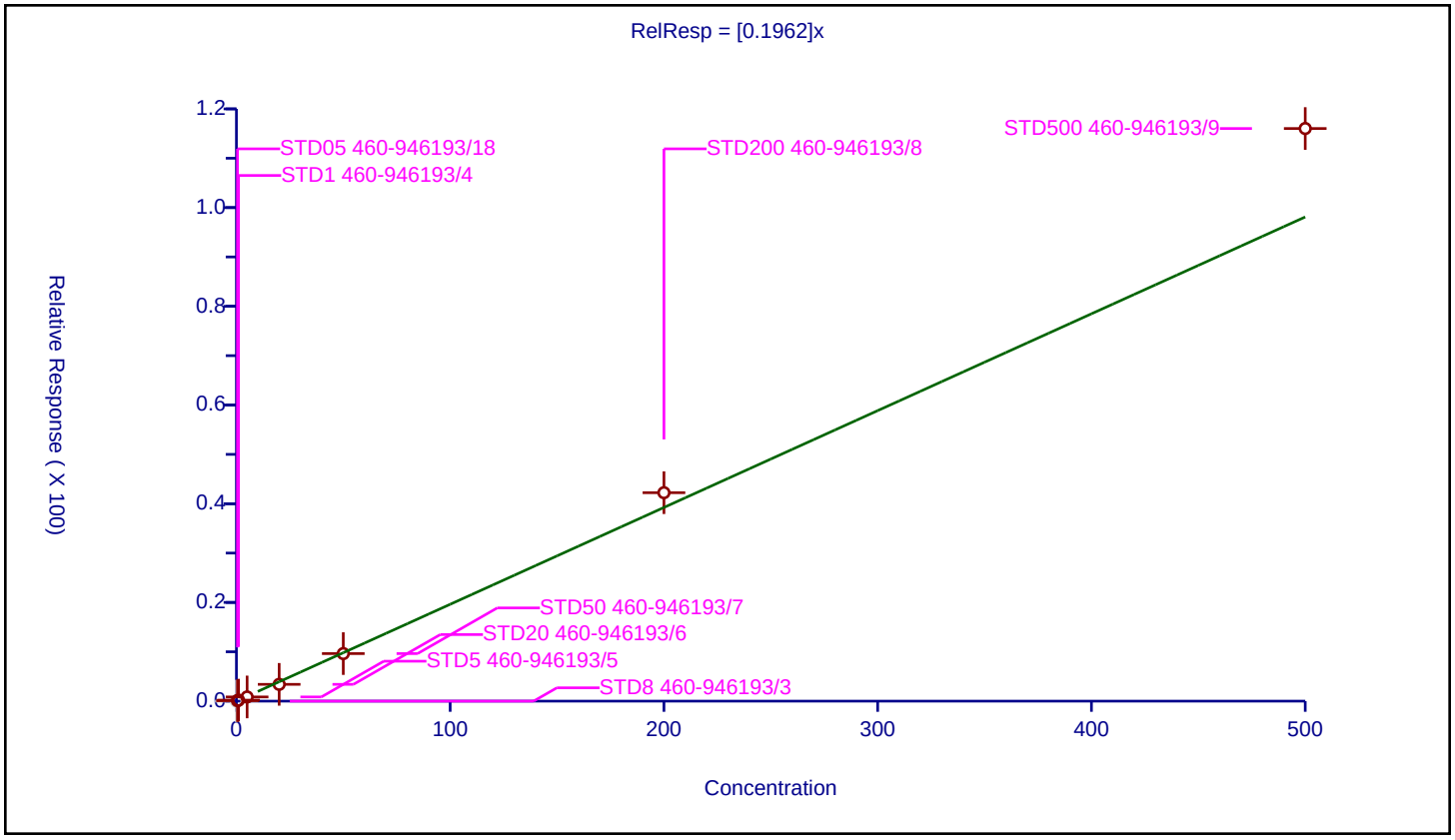
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1962 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 421000 |
| **Relative Standard Error:** | 11.2 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.098474 | 50.0 | 390967.0 | 0.196948 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.200584 | 50.0 | 385125.0 | 0.200584 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.849454 | 50.0 | 388485.0 | 0.169891 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 3.401897 | 50.0 | 384021.0 | 0.170095 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 9.634995 | 50.0 | 392543.0 | 0.1927 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 42.235474 | 50.0 | 404487.0 | 0.211177 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 116.02253 | 50.0 | 418027.0 | 0.232045 | Y |






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## Calibration / Amyl acetate (mixed isomers)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

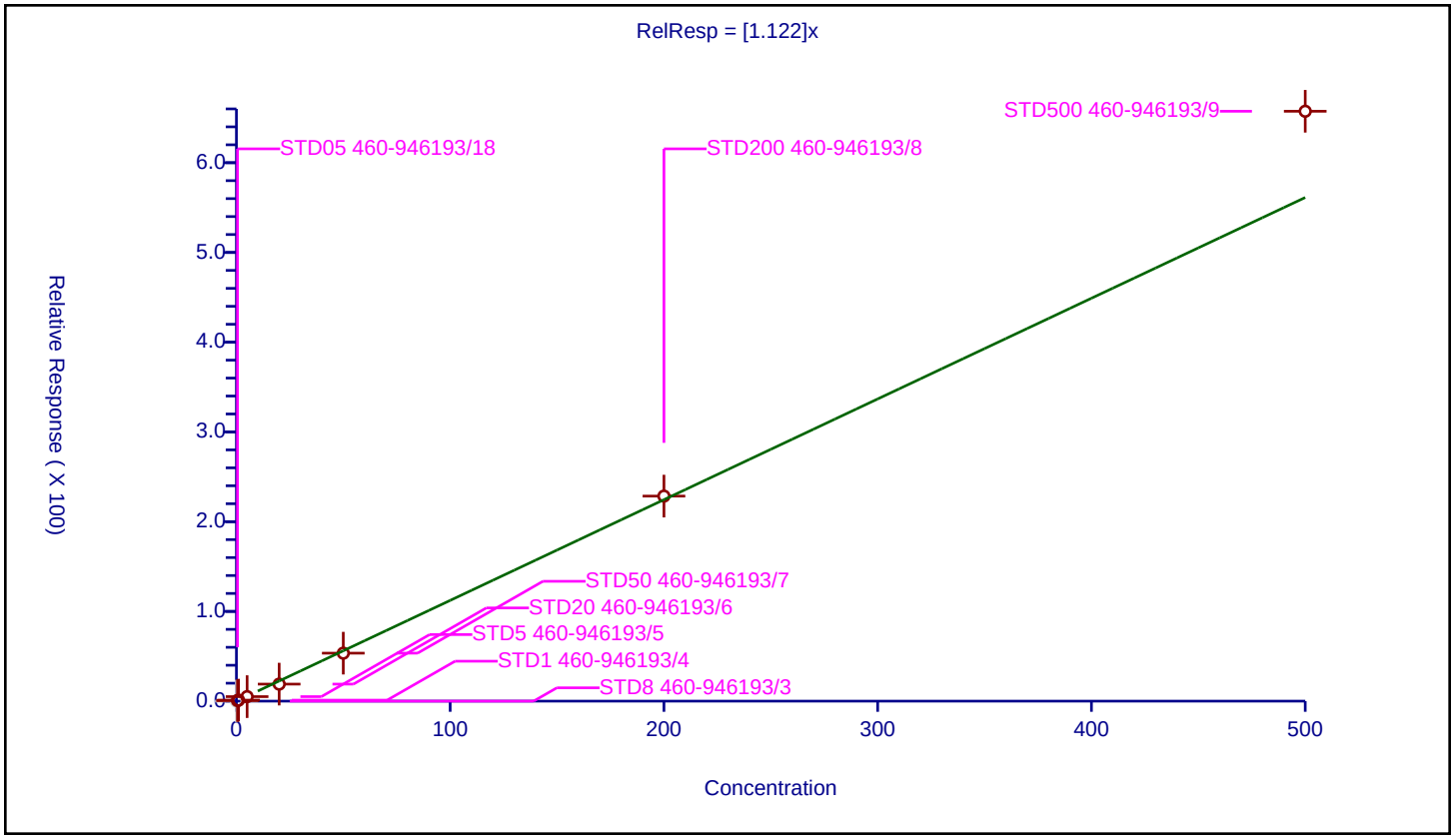
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.122 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1220000 |
| **Relative Standard Error:** | 11.7 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.631182 | 50.0 | 186634.0 | 1.262364 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.111316 | 50.0 | 184151.0 | 1.111316 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 5.039648 | 50.0 | 184497.0 | 1.00793 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 18.981457 | 50.0 | 186050.0 | 0.949073 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 53.476103 | 50.0 | 195420.0 | 1.069522 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 228.492085 | 50.0 | 206245.0 | 1.14246 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 657.350225 | 50.0 | 214905.0 | 1.3147 | Y |






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## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

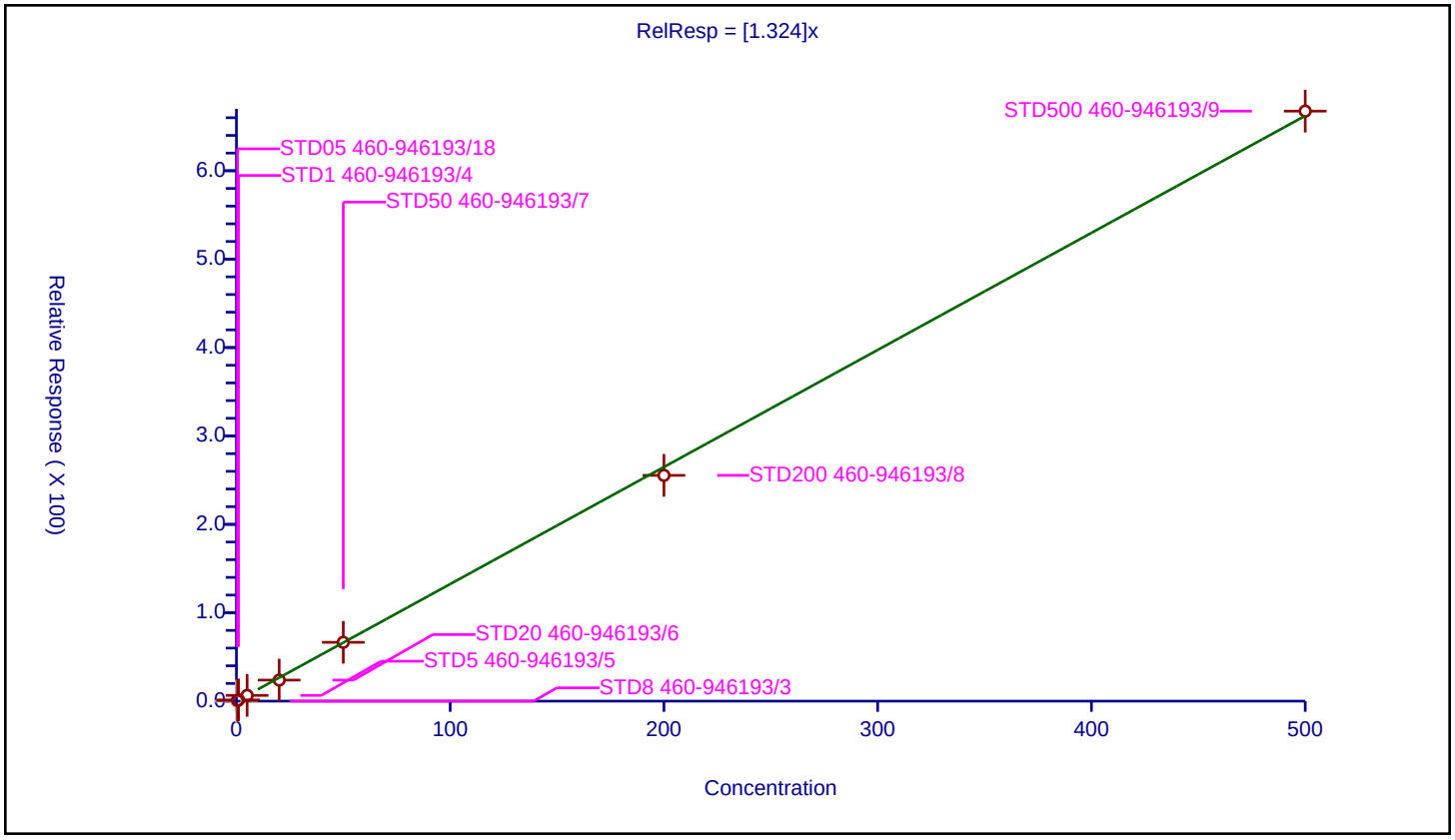
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.324 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2440000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 393485.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.732671 | 50.0 | 390967.0 | 1.465341 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.374619 | 50.0 | 385125.0 | 1.374619 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 6.479401 | 50.0 | 388485.0 | 1.29588 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 23.827082 | 50.0 | 384021.0 | 1.191354 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 66.553855 | 50.0 | 392543.0 | 1.331077 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 255.446776 | 50.0 | 404487.0 | 1.277234 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 667.480569 | 50.0 | 418027.0 | 1.334961 | Y |



## Calibration / 4-Bromofluorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

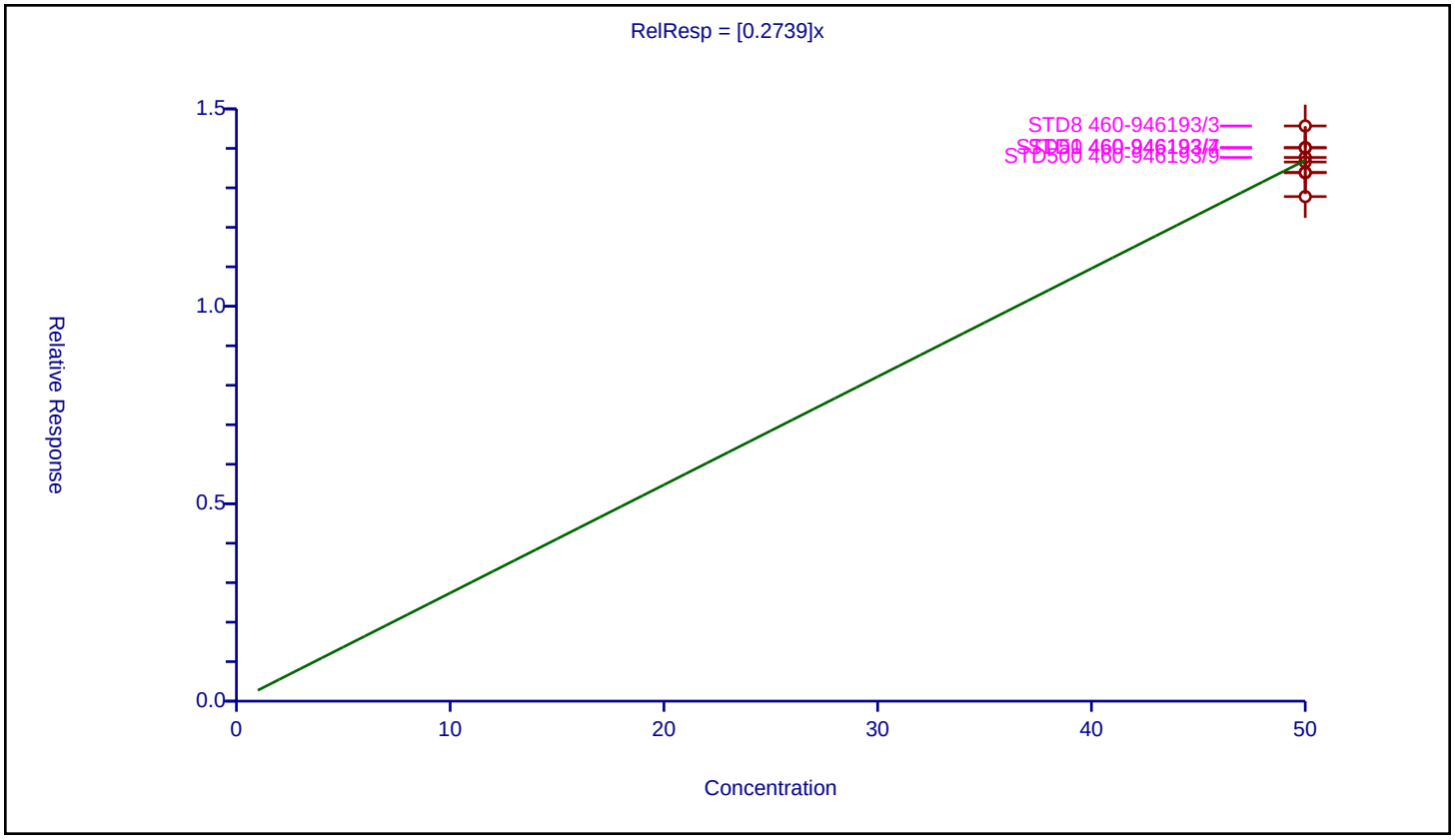
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2739 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 116000 |
| **Relative Standard Error:** | 3.9 |
| **Correlation Coefficient:** | 0 |
| **Coefficient of Determination (Adjusted):** | 0.000000000000000111 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 50.0 | 14.567646 | 50.0 | 393485.0 | 0.291353 | Y |
| 2 | STD1 460-946193/4 | 50.0 | 14.021551 | 50.0 | 385125.0 | 0.280431 | Y |
| 3 | STD5 460-946193/5 | 50.0 | 13.381726 | 50.0 | 388485.0 | 0.267635 | Y |
| 4 | STD20 460-946193/6 | 50.0 | 13.654592 | 50.0 | 384021.0 | 0.273092 | Y |
| 5 | STD50 460-946193/7 | 50.0 | 14.010312 | 50.0 | 392543.0 | 0.280206 | Y |
| 6 | STD200 460-946193/8 | 50.0 | 12.778532 | 50.0 | 404487.0 | 0.255571 | Y |
| 7 | STD500 460-946193/9 | 50.0 | 13.770283 | 50.0 | 418027.0 | 0.275406 | Y |
| 8 | STD05 460-946193/18 | 50.0 | 13.391412 | 50.0 | 390967.0 | 0.267828 | Y |



## Calibration / Bromobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

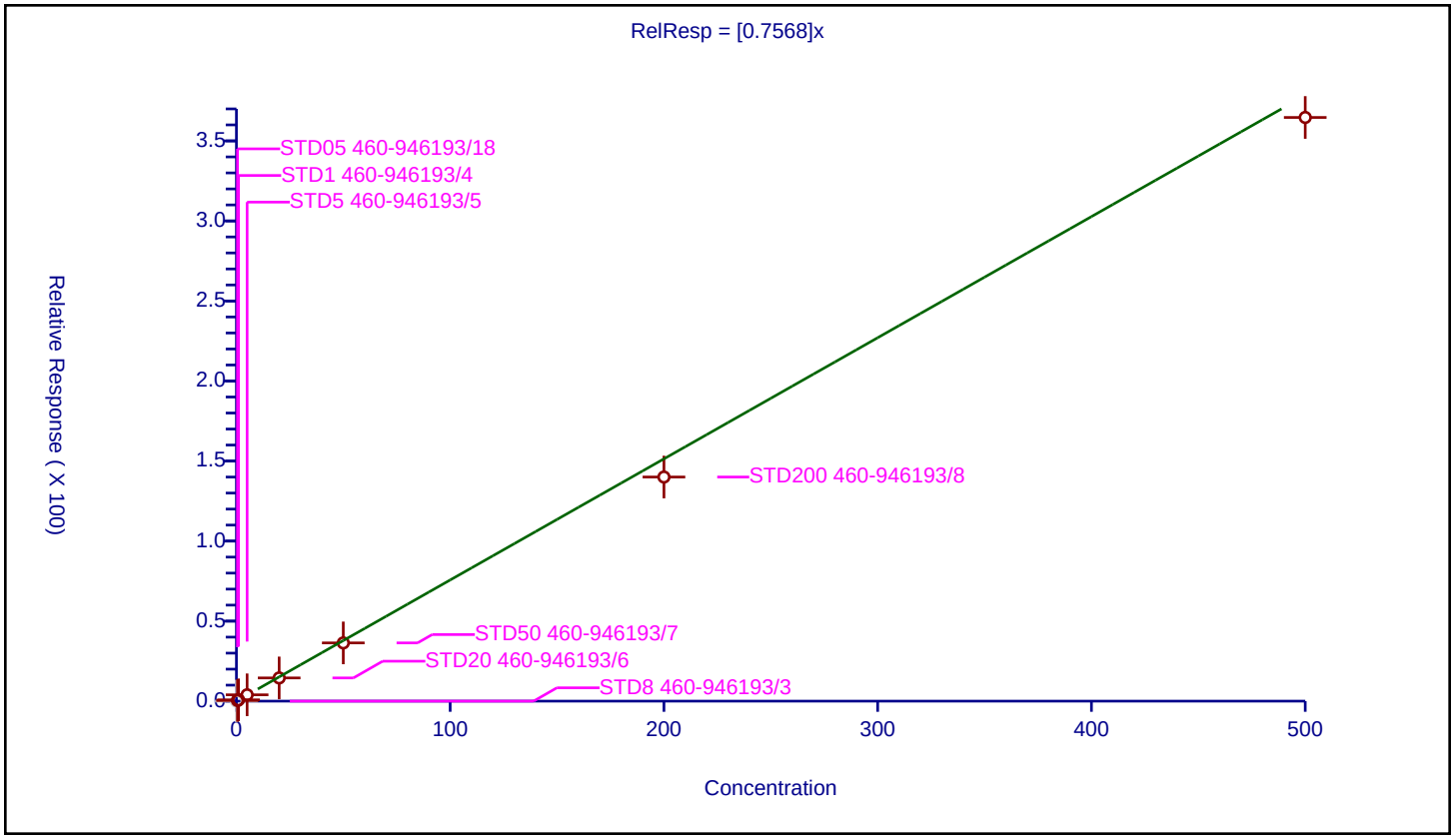
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7568 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 685000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.407482 | 50.0 | 186634.0 | 0.814964 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.811562 | 50.0 | 184151.0 | 0.811562 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.947219 | 50.0 | 184497.0 | 0.789444 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 14.492878 | 50.0 | 186050.0 | 0.724644 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 36.375755 | 50.0 | 195420.0 | 0.727515 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 140.00897 | 50.0 | 206245.0 | 0.700045 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 364.646937 | 50.0 | 214905.0 | 0.729294 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

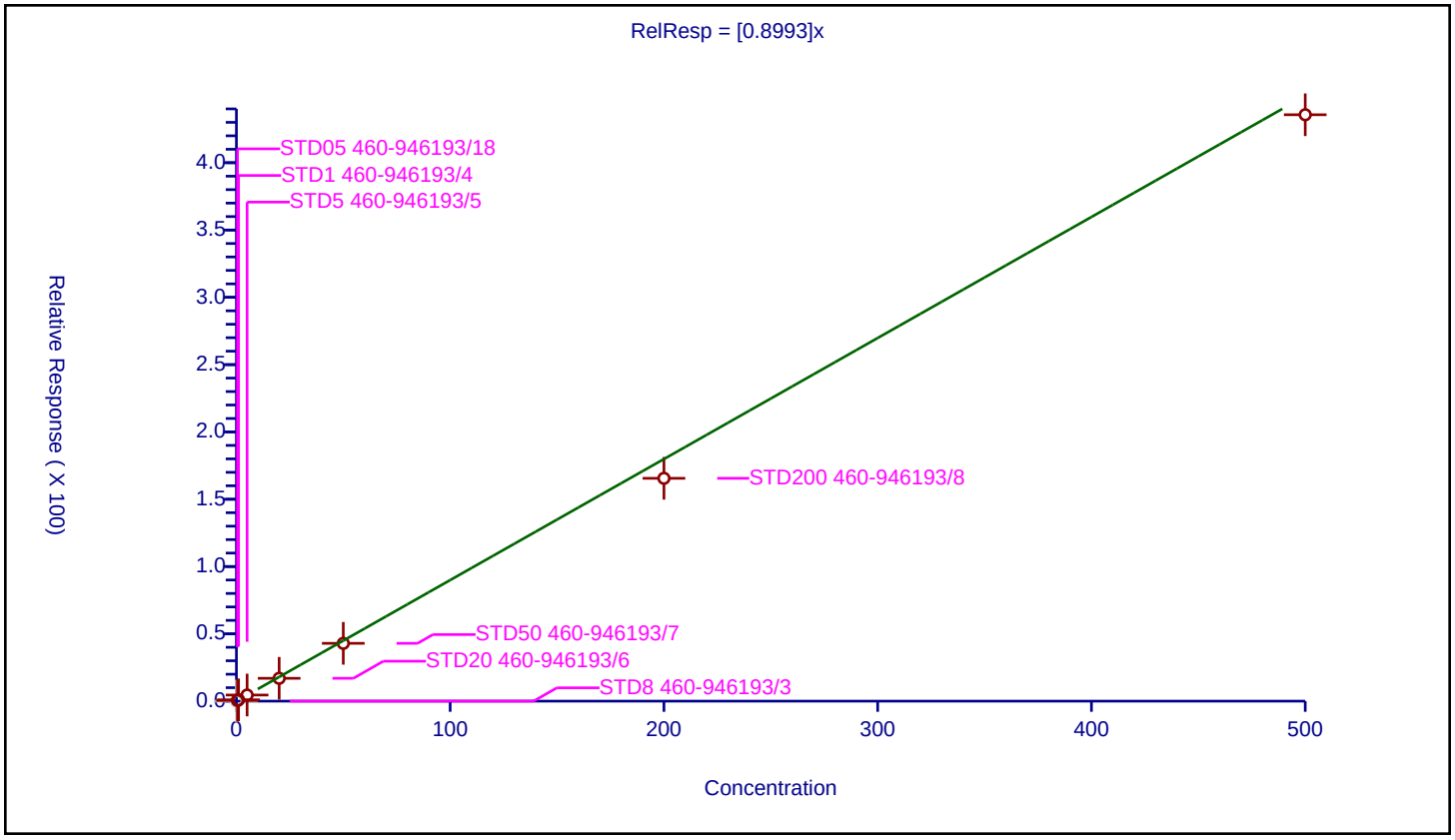
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8993 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 817000 |
| **Relative Standard Error:** | 7.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.496694 | 50.0 | 186634.0 | 0.993388 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.988591 | 50.0 | 184151.0 | 0.988591 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 4.534491 | 50.0 | 184497.0 | 0.906898 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 16.965869 | 50.0 | 186050.0 | 0.848293 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 42.940589 | 50.0 | 195420.0 | 0.858812 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 165.543407 | 50.0 | 206245.0 | 0.827717 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 435.637607 | 50.0 | 214905.0 | 0.871275 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

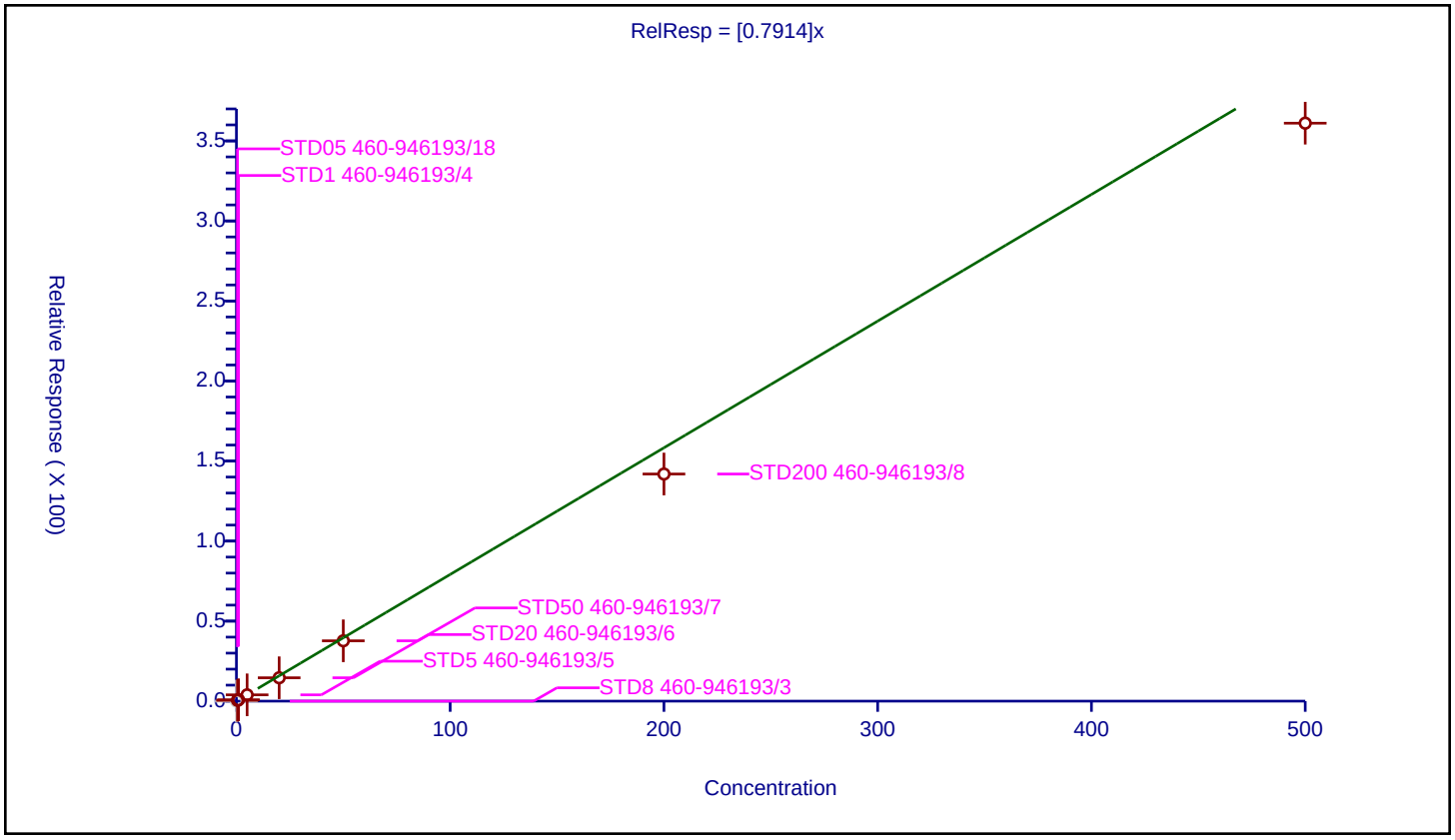
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7914 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 680000 |
| **Relative Standard Error:** | 13.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.976 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.501248 | 50.0 | 186634.0 | 1.002497 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.83437 | 50.0 | 184151.0 | 0.83437 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.934752 | 50.0 | 184497.0 | 0.78695 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 14.605751 | 50.0 | 186050.0 | 0.730288 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 37.699314 | 50.0 | 195420.0 | 0.753986 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 141.896531 | 50.0 | 206245.0 | 0.709483 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 361.088155 | 50.0 | 214905.0 | 0.722176 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

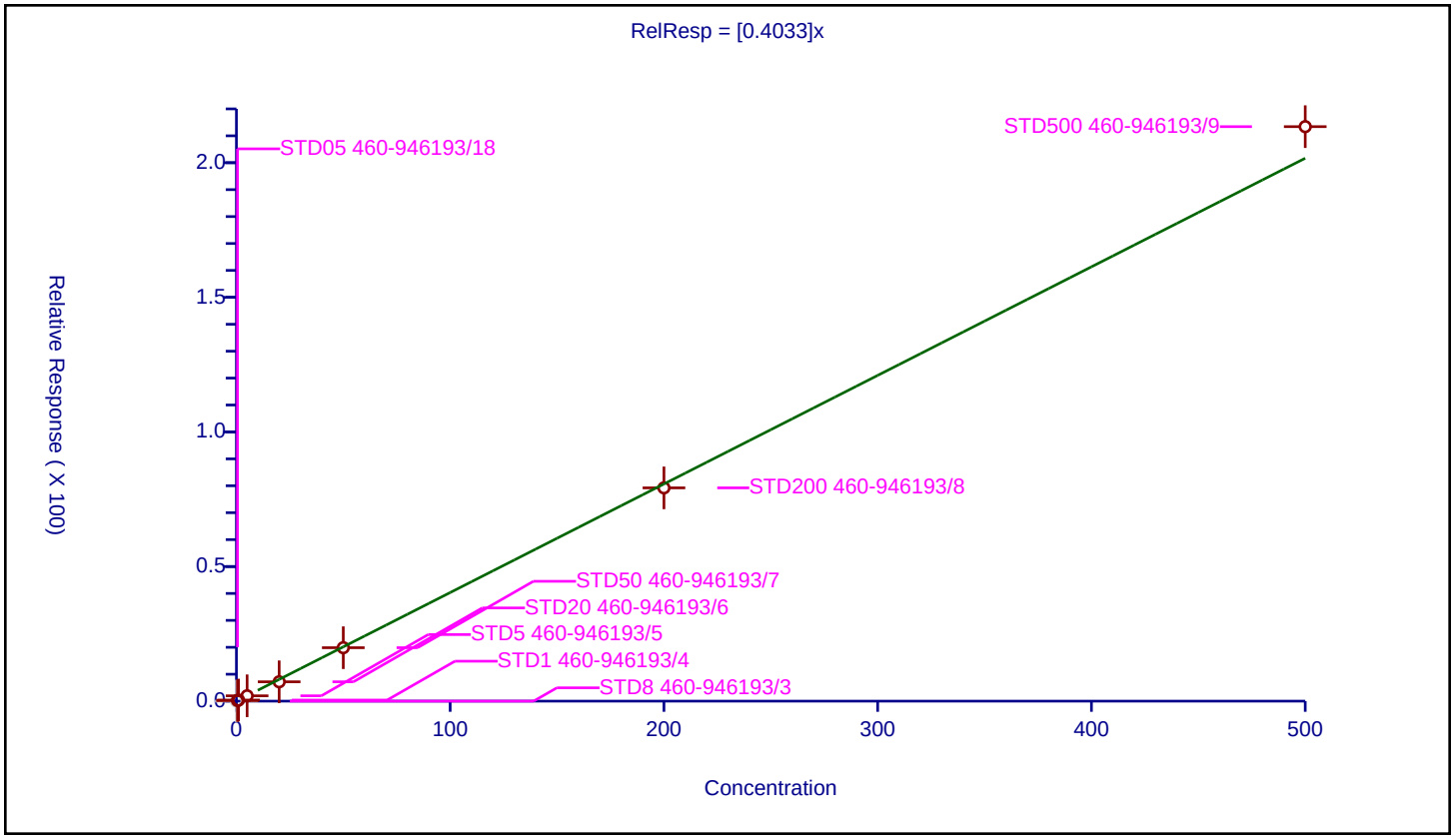
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4033 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 399000 |
| **Relative Standard Error:** | 6.9 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.224236 | 50.0 | 186634.0 | 0.448471 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.399672 | 50.0 | 184151.0 | 0.399672 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.979978 | 50.0 | 184497.0 | 0.395996 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 7.18624 | 50.0 | 186050.0 | 0.359312 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 19.850578 | 50.0 | 195420.0 | 0.397012 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 79.222284 | 50.0 | 206245.0 | 0.396111 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 213.399874 | 50.0 | 214905.0 | 0.4268 | Y |



## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

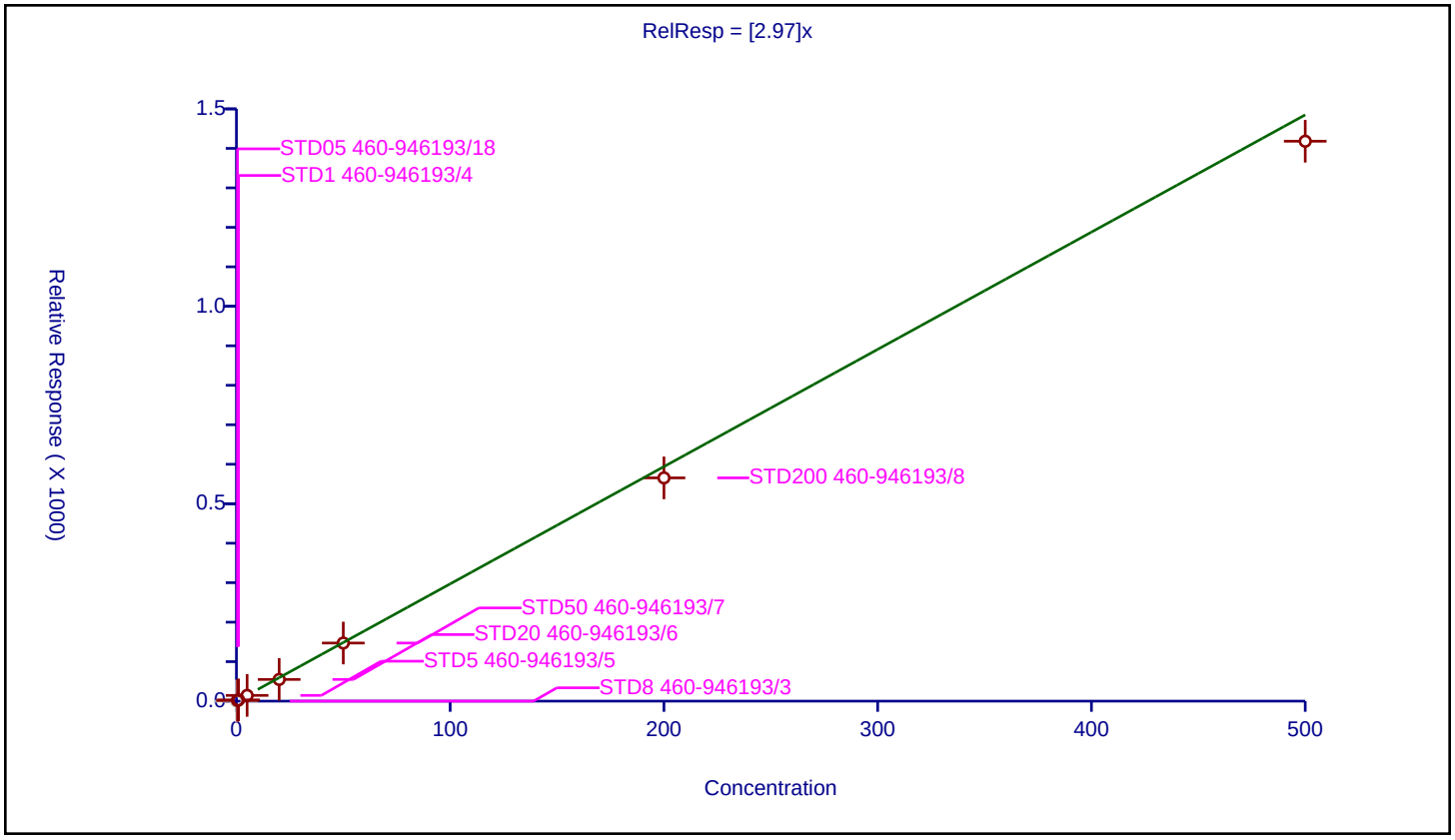
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.97 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2680000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.682705 | 50.0 | 186634.0 | 3.36541 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 3.168595 | 50.0 | 184151.0 | 3.168595 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 14.503759 | 50.0 | 184497.0 | 2.900752 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 54.938726 | 50.0 | 186050.0 | 2.746936 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 147.168151 | 50.0 | 195420.0 | 2.943363 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 565.442799 | 50.0 | 206245.0 | 2.827214 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 1418.120332 | 50.0 | 214905.0 | 2.836241 | Y |






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## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

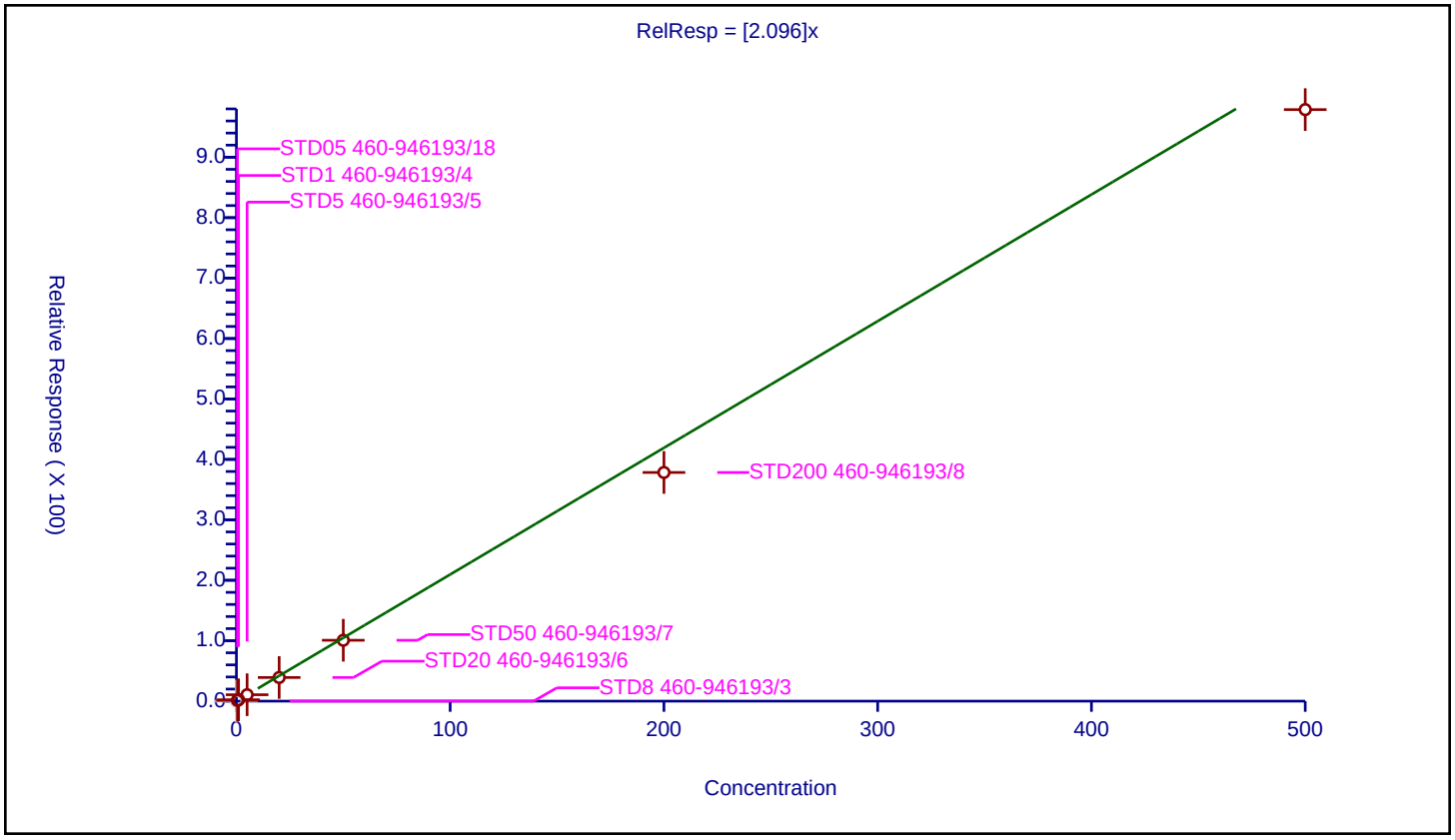
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.096 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1840000 |
| **Relative Standard Error:** | 10.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.260756 | 50.0 | 186634.0 | 2.521513 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.2115 | 50.0 | 184151.0 | 2.2115 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 10.579847 | 50.0 | 184497.0 | 2.115969 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 39.133835 | 50.0 | 186050.0 | 1.956692 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 100.734572 | 50.0 | 195420.0 | 2.014691 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 378.362385 | 50.0 | 206245.0 | 1.891812 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 978.798074 | 50.0 | 214905.0 | 1.957596 | Y |






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## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

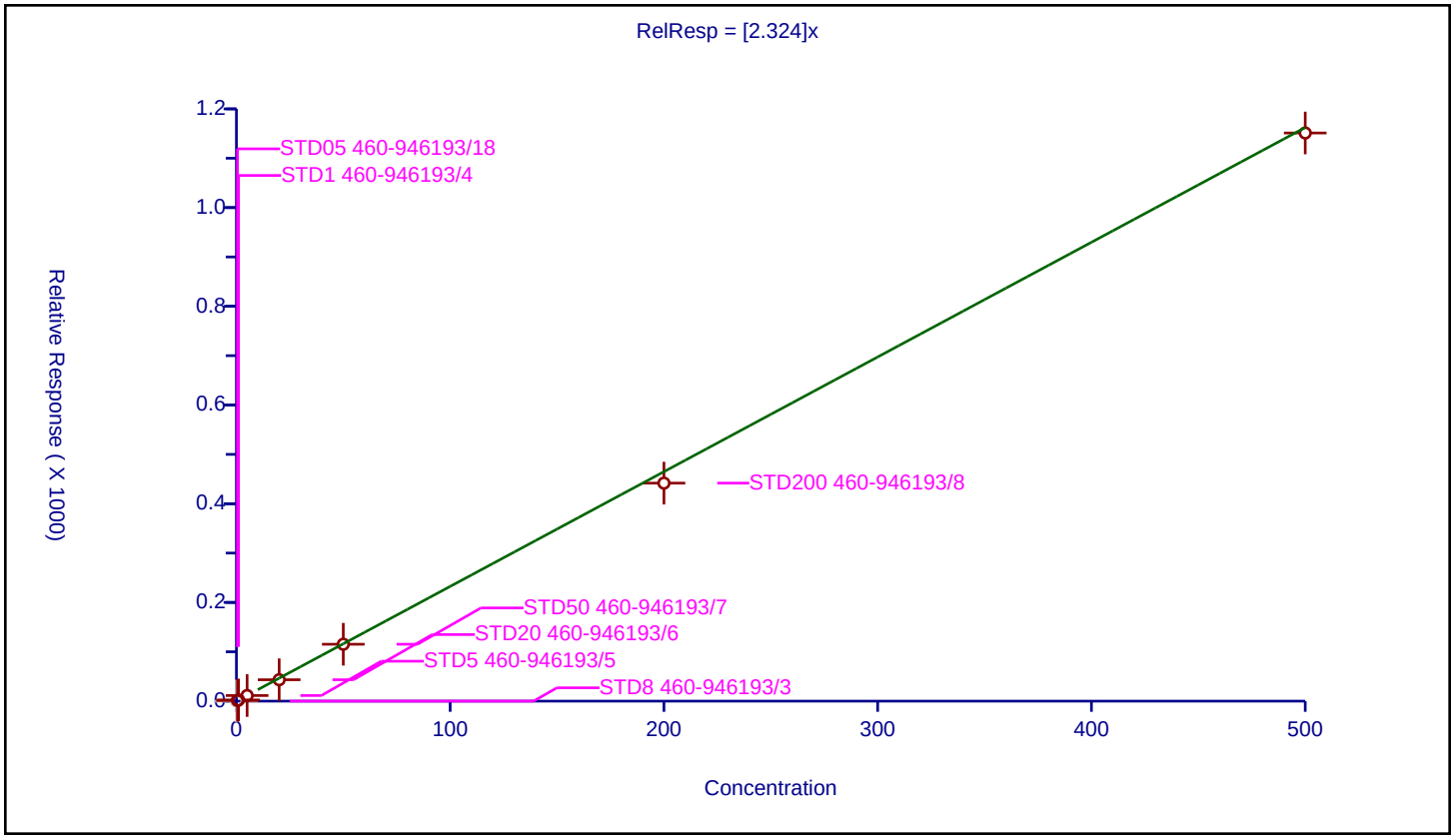
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.324 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2160000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.310586 | 50.0 | 186634.0 | 2.621173 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.391787 | 50.0 | 184151.0 | 2.391787 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 11.365496 | 50.0 | 184497.0 | 2.273099 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 43.359312 | 50.0 | 186050.0 | 2.167966 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 115.29347 | 50.0 | 195420.0 | 2.305869 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 441.724648 | 50.0 | 206245.0 | 2.208623 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 1151.186571 | 50.0 | 214905.0 | 2.302373 | Y |






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## Calibration / 4-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

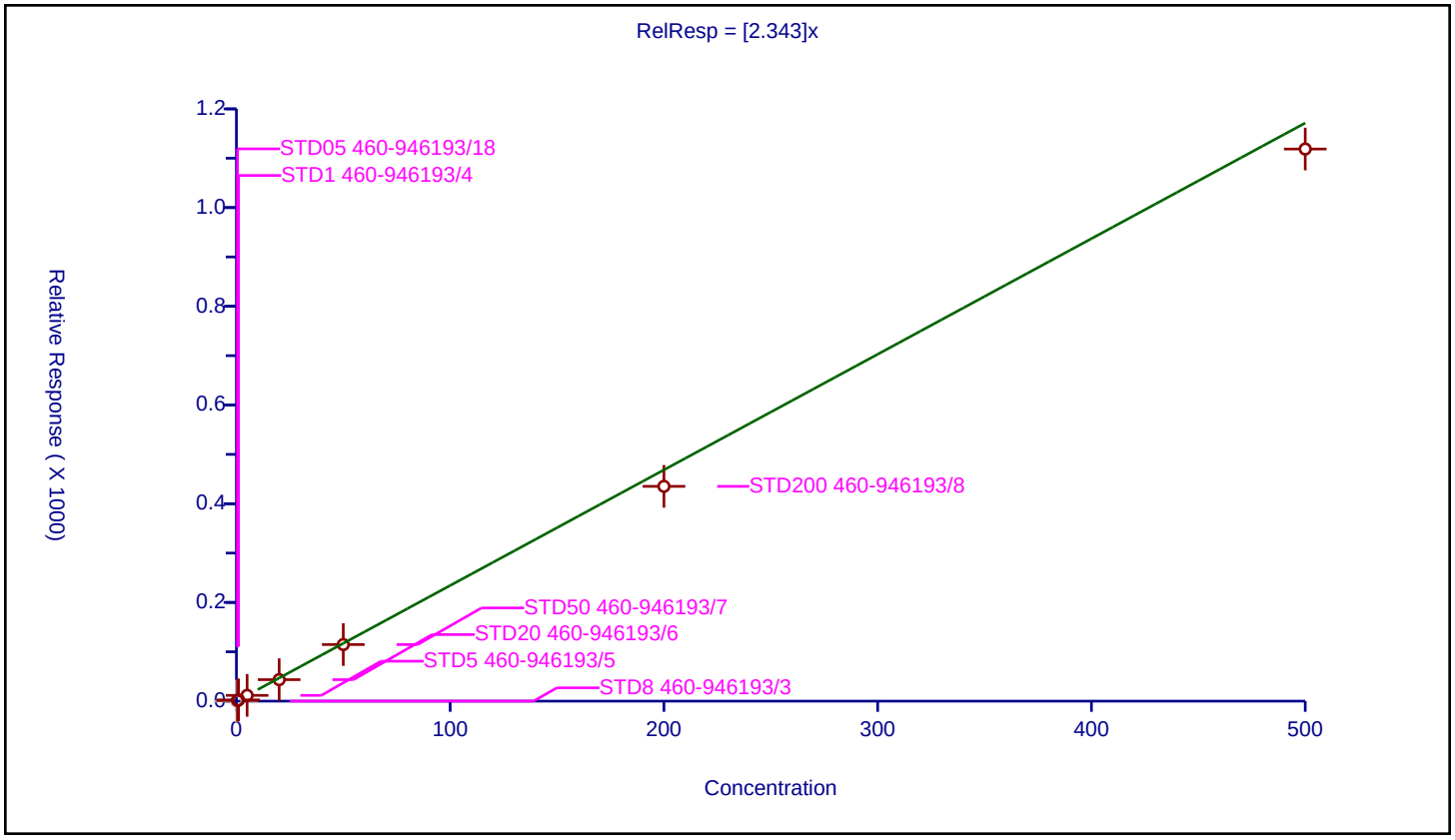
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.343 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2100000 |
| **Relative Standard Error:** | 7.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.334966 | 50.0 | 186634.0 | 2.669932 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.509082 | 50.0 | 184151.0 | 2.509082 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 11.687995 | 50.0 | 184497.0 | 2.337599 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 43.532653 | 50.0 | 186050.0 | 2.176633 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 114.640518 | 50.0 | 195420.0 | 2.29281 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 435.225339 | 50.0 | 206245.0 | 2.176127 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 1118.670343 | 50.0 | 214905.0 | 2.237341 | 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 |

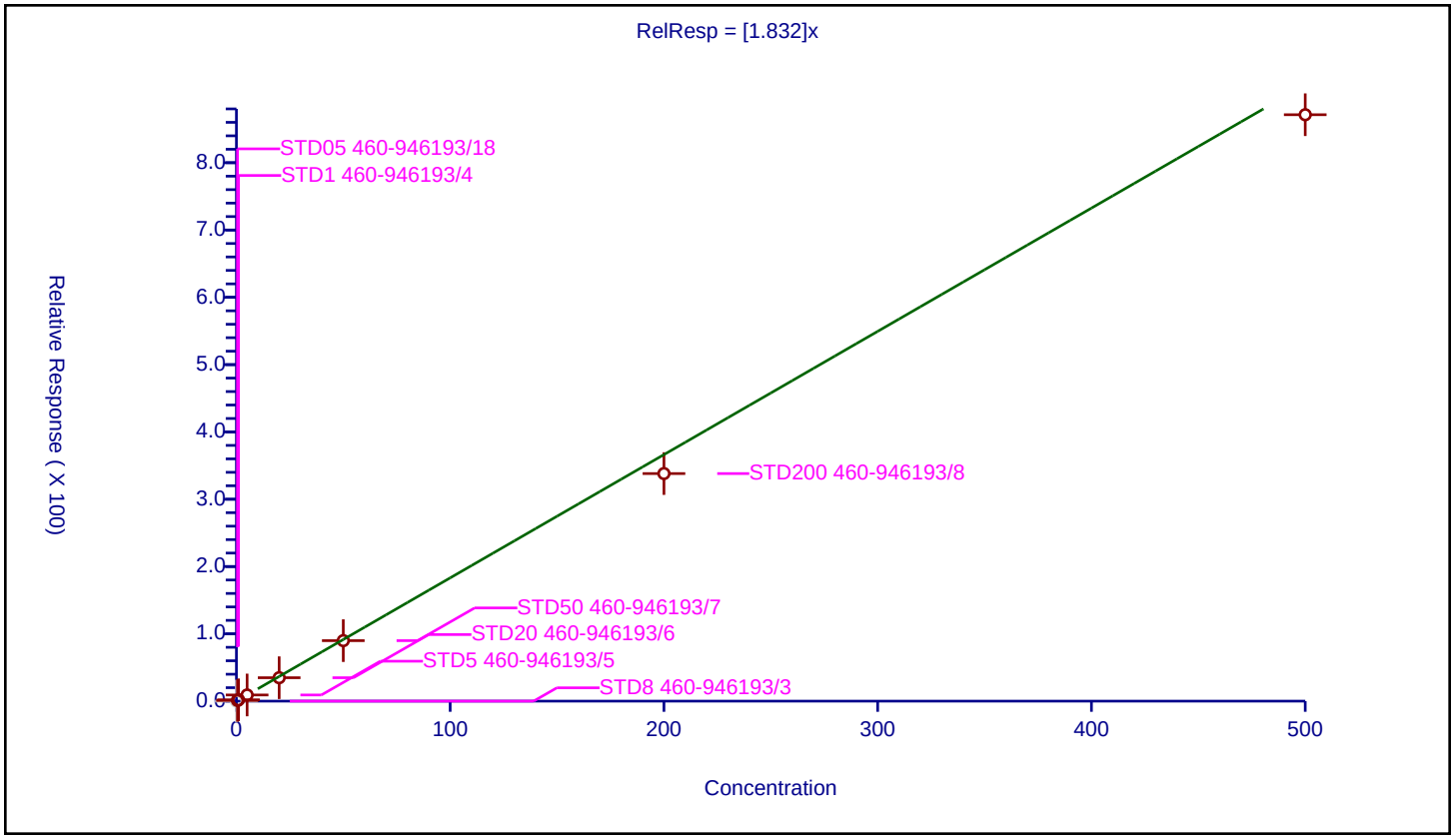
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.832 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1640000 |
| **Relative Standard Error:** | 7.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.031431 | 50.0 | 186634.0 | 2.062861 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.957904 | 50.0 | 184151.0 | 1.957904 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 9.144051 | 50.0 | 184497.0 | 1.82881 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 34.797904 | 50.0 | 186050.0 | 1.739895 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 89.88077 | 50.0 | 195420.0 | 1.797615 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 338.155834 | 50.0 | 206245.0 | 1.690779 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 871.350131 | 50.0 | 214905.0 | 1.7427 | Y |






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## Calibration / Butyl Methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

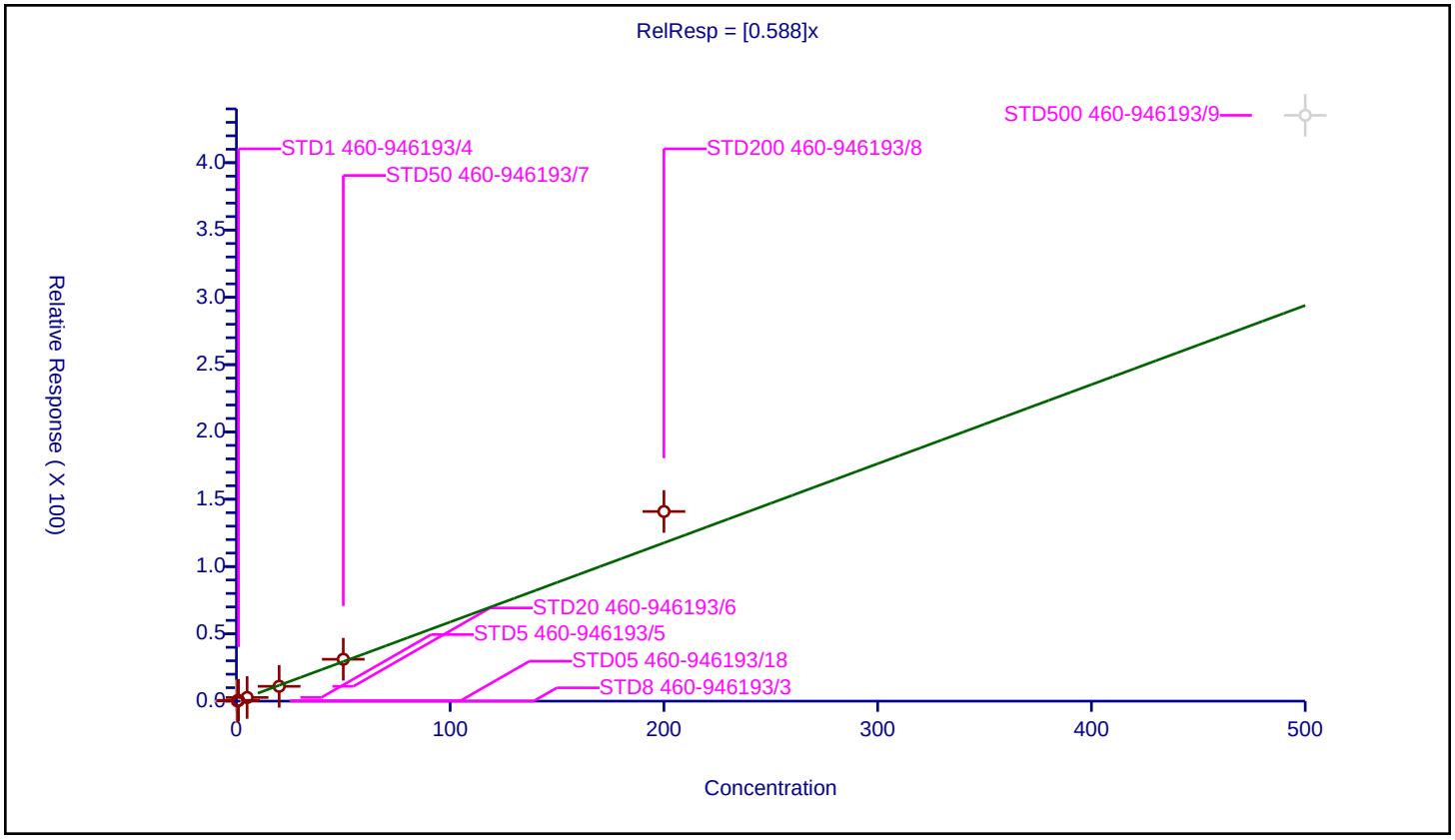
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.588 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 266000 |
| **Relative Standard Error:** | 12.8 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.981 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.244864 | 50.0 | 186634.0 | 0.489729 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.614713 | 50.0 | 184151.0 | 0.614713 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.727687 | 50.0 | 184497.0 | 0.545537 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 11.016662 | 50.0 | 186050.0 | 0.550833 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 31.124757 | 50.0 | 195420.0 | 0.622495 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 140.892385 | 50.0 | 206245.0 | 0.704462 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 435.22161 | 50.0 | 214905.0 | 0.870443 | N |



## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

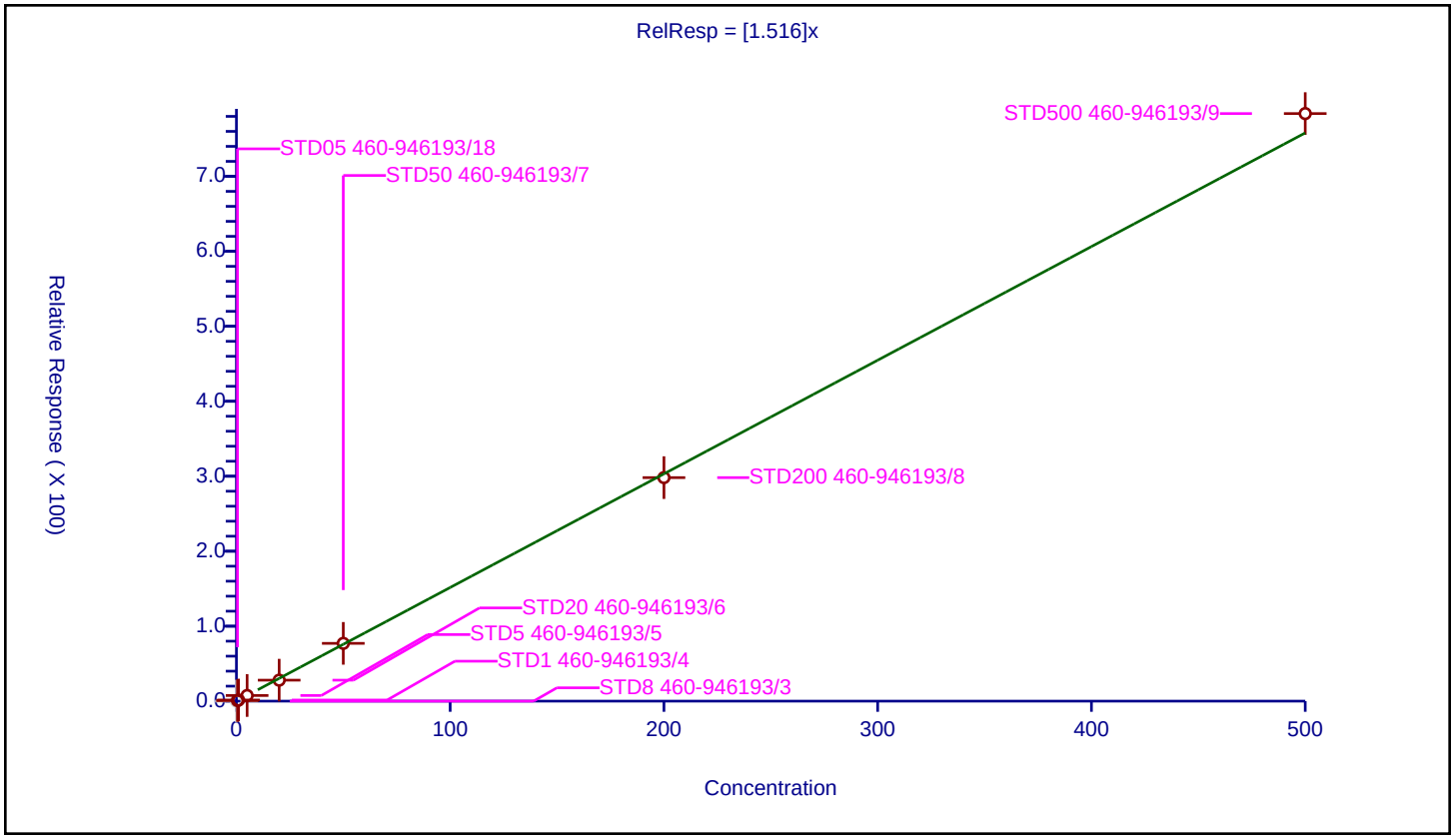
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.516 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1470000 |
| **Relative Standard Error:** | 4.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.812285 | 50.0 | 186634.0 | 1.62457 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.485194 | 50.0 | 184151.0 | 1.485194 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 7.513943 | 50.0 | 184497.0 | 1.502789 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 27.972857 | 50.0 | 186050.0 | 1.398643 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 77.079623 | 50.0 | 195420.0 | 1.541592 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 298.177895 | 50.0 | 206245.0 | 1.490889 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 783.753984 | 50.0 | 214905.0 | 1.567508 | Y |






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## Calibration / 1,2,4-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

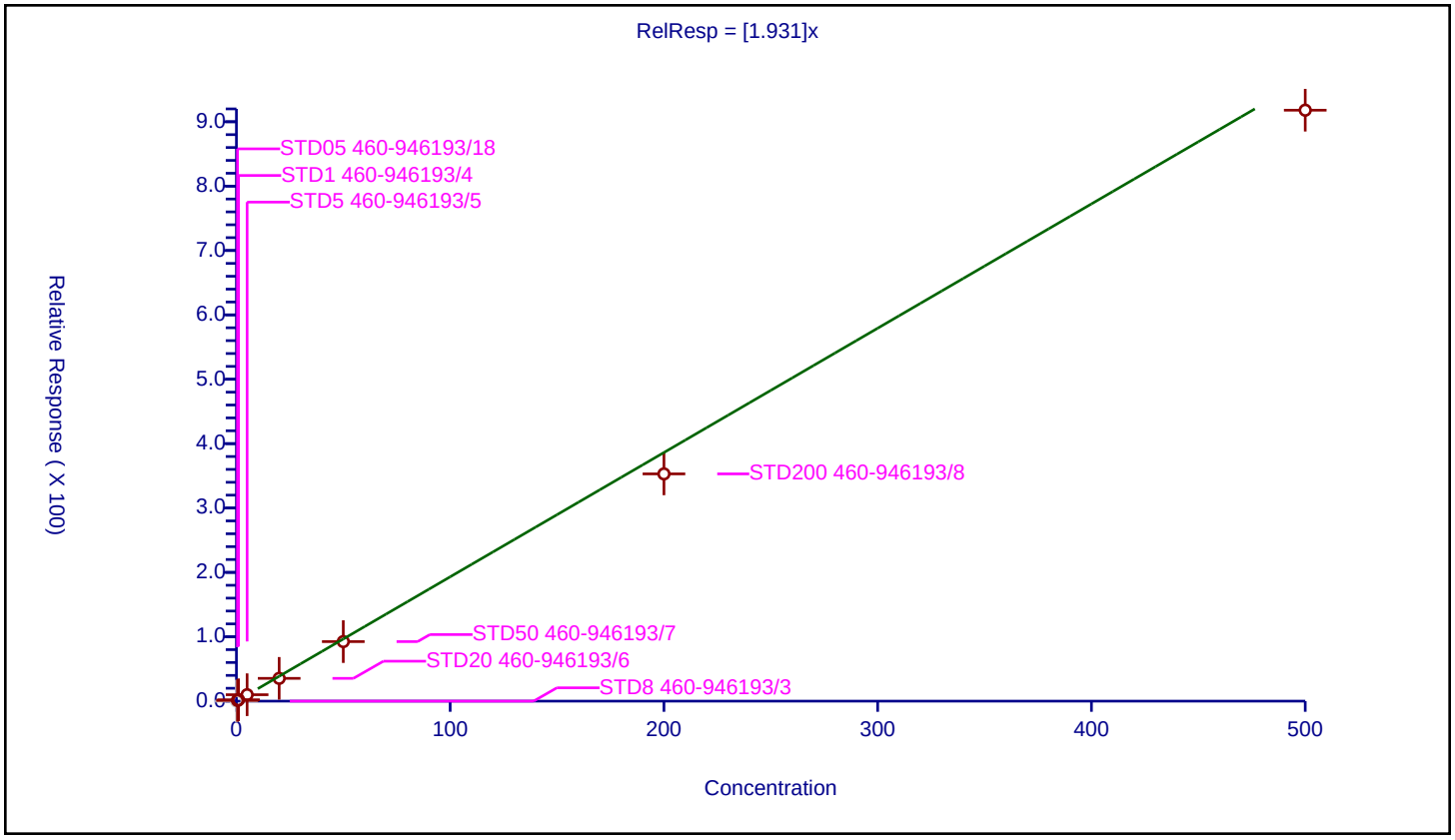
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.931 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1720000 |
| **Relative Standard Error:** | 8.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.098407 | 50.0 | 186634.0 | 2.196813 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.105609 | 50.0 | 184151.0 | 2.105609 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 9.970623 | 50.0 | 184497.0 | 1.994125 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 35.391293 | 50.0 | 186050.0 | 1.769565 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 92.499232 | 50.0 | 195420.0 | 1.849985 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 353.015103 | 50.0 | 206245.0 | 1.765076 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 917.977246 | 50.0 | 214905.0 | 1.835954 | Y |






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## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

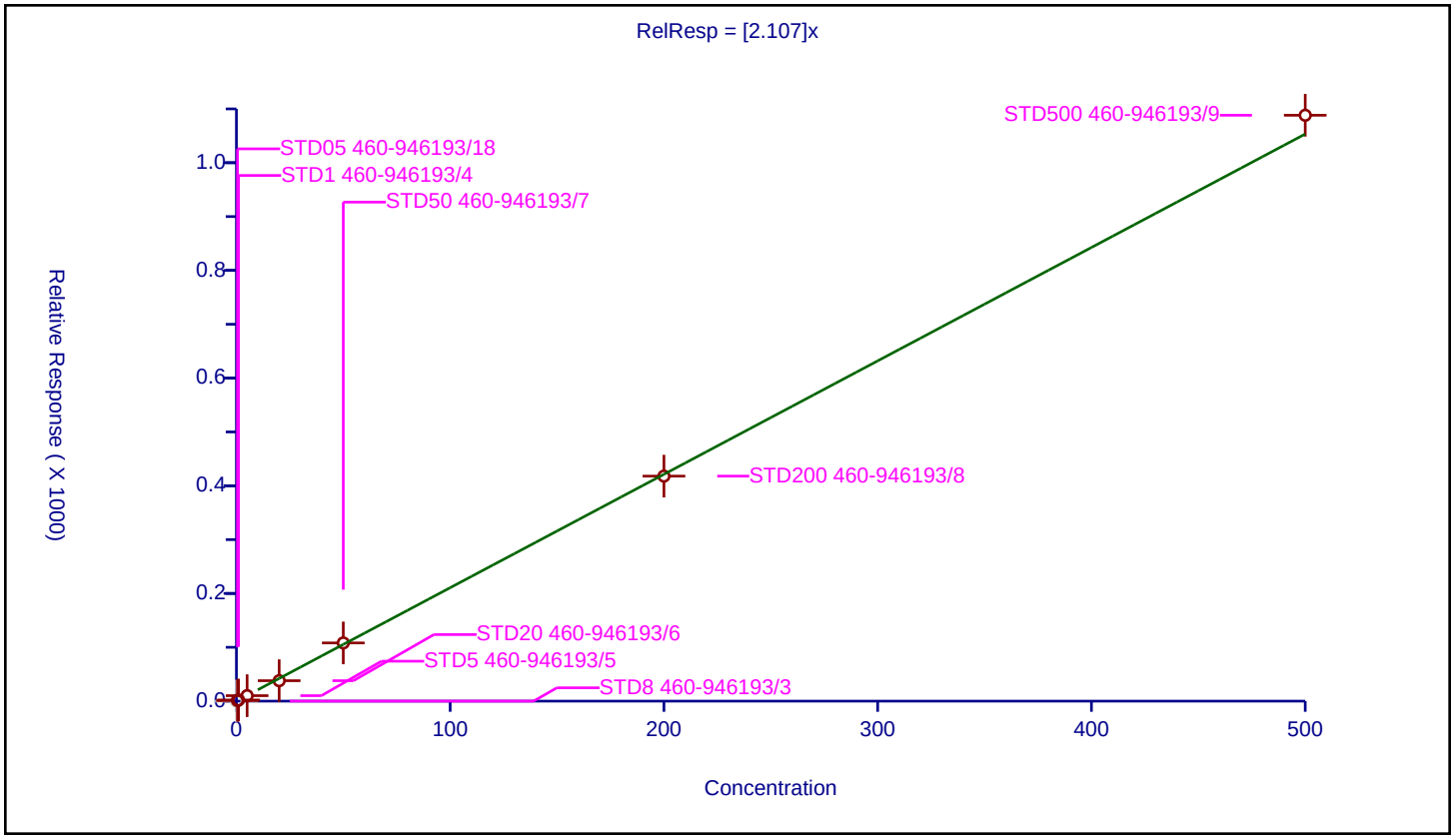
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.107 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2040000 |
| **Relative Standard Error:** | 5.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.134038 | 50.0 | 186634.0 | 2.268075 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.11647 | 50.0 | 184151.0 | 2.11647 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 10.180924 | 50.0 | 184497.0 | 2.036185 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 37.949745 | 50.0 | 186050.0 | 1.897487 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 108.0895 | 50.0 | 195420.0 | 2.16179 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 417.922374 | 50.0 | 206245.0 | 2.089612 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 1088.170587 | 50.0 | 214905.0 | 2.176341 | Y |






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## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

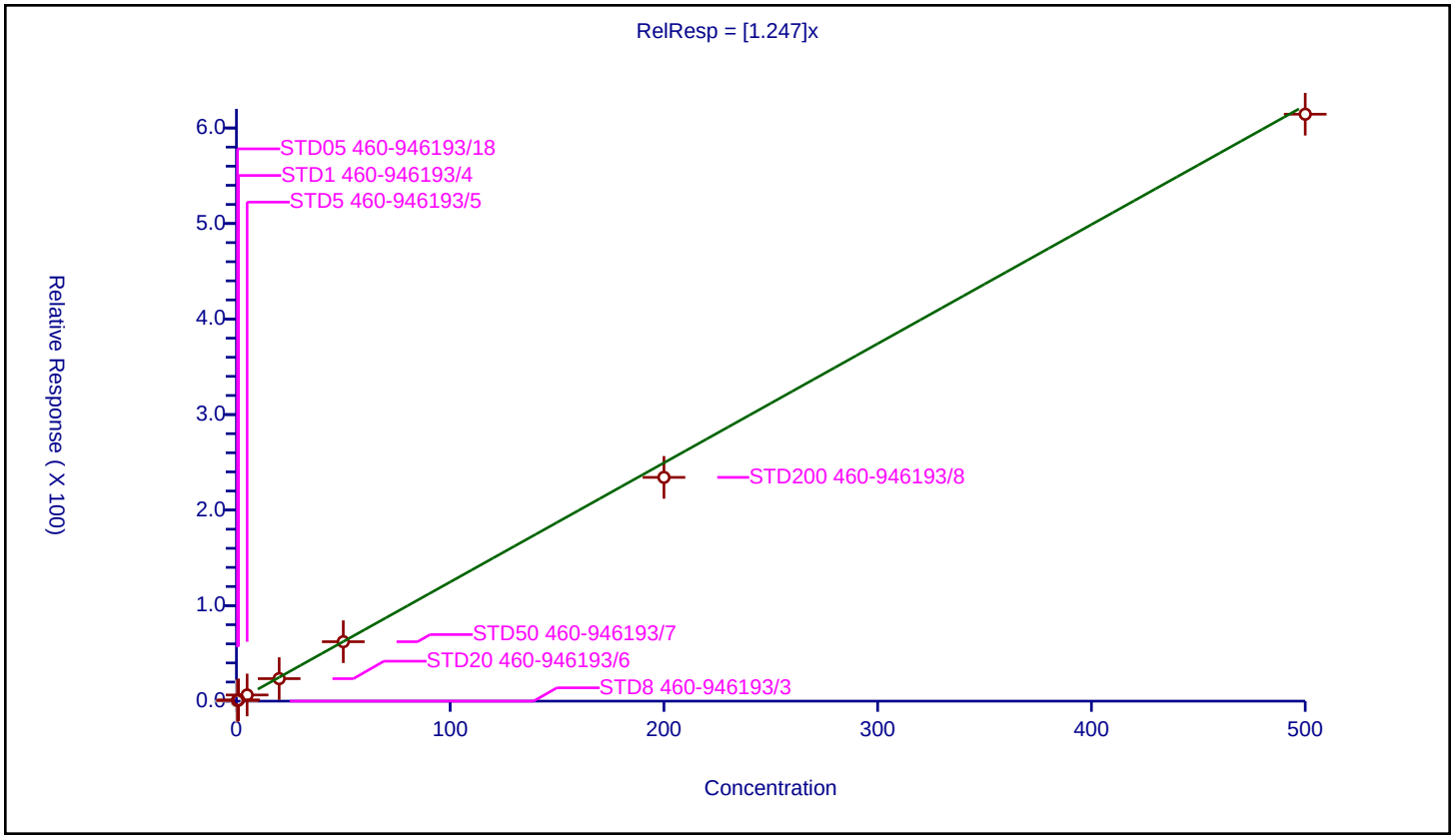
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.247 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1150000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.64297 | 50.0 | 186634.0 | 1.285939 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.334231 | 50.0 | 184151.0 | 1.334231 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 6.444549 | 50.0 | 184497.0 | 1.28891 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 23.551733 | 50.0 | 186050.0 | 1.177587 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 62.219578 | 50.0 | 195420.0 | 1.244392 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 234.243982 | 50.0 | 206245.0 | 1.17122 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 614.43824 | 50.0 | 214905.0 | 1.228876 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

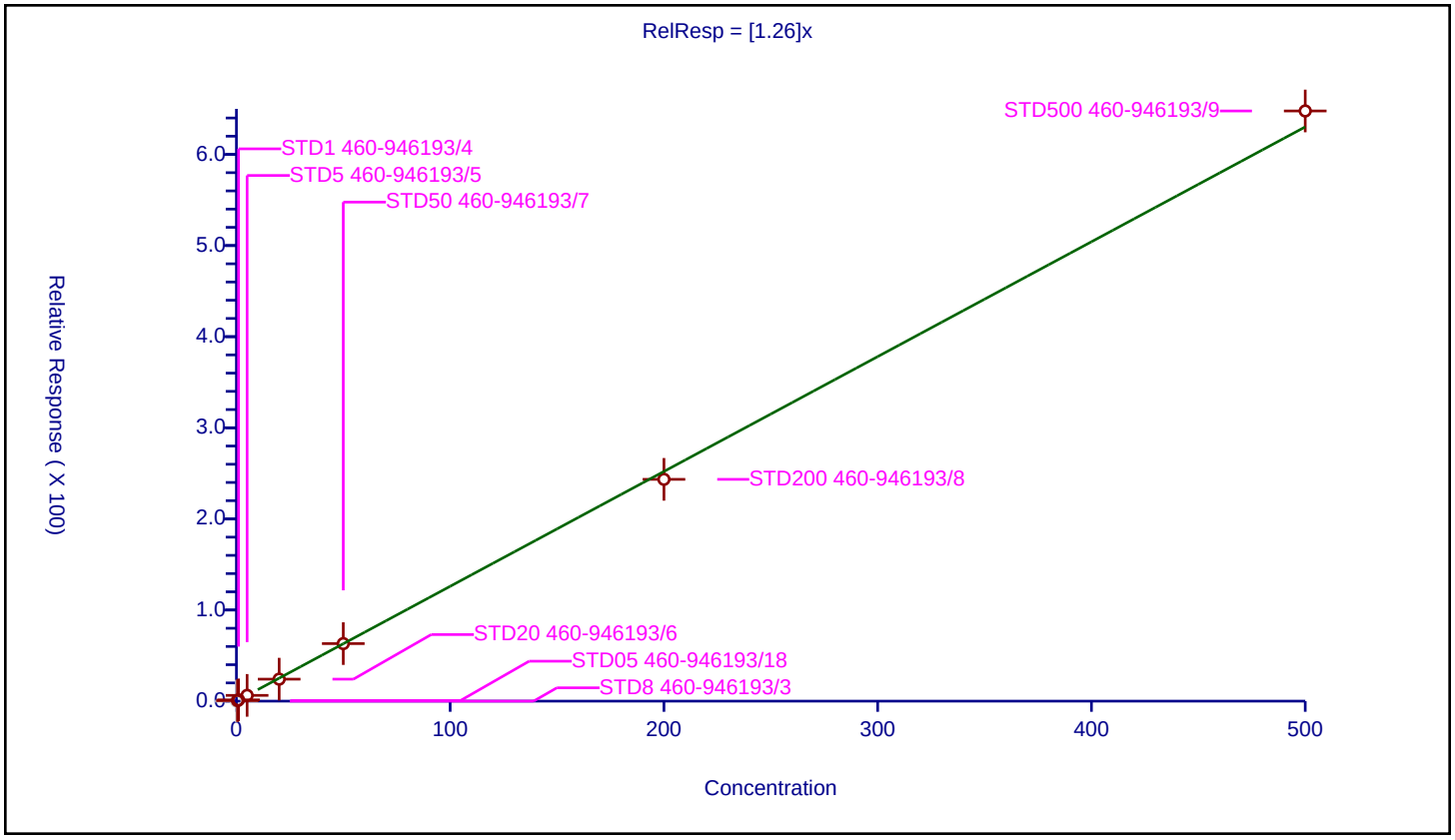
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.26 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1210000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.589121 | 50.0 | 186634.0 | 1.178242 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.395594 | 50.0 | 184151.0 | 1.395594 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 6.333165 | 50.0 | 184497.0 | 1.266633 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 24.144316 | 50.0 | 186050.0 | 1.207216 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 63.139392 | 50.0 | 195420.0 | 1.262788 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 243.410507 | 50.0 | 206245.0 | 1.217053 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 647.719225 | 50.0 | 214905.0 | 1.295438 | Y |



## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

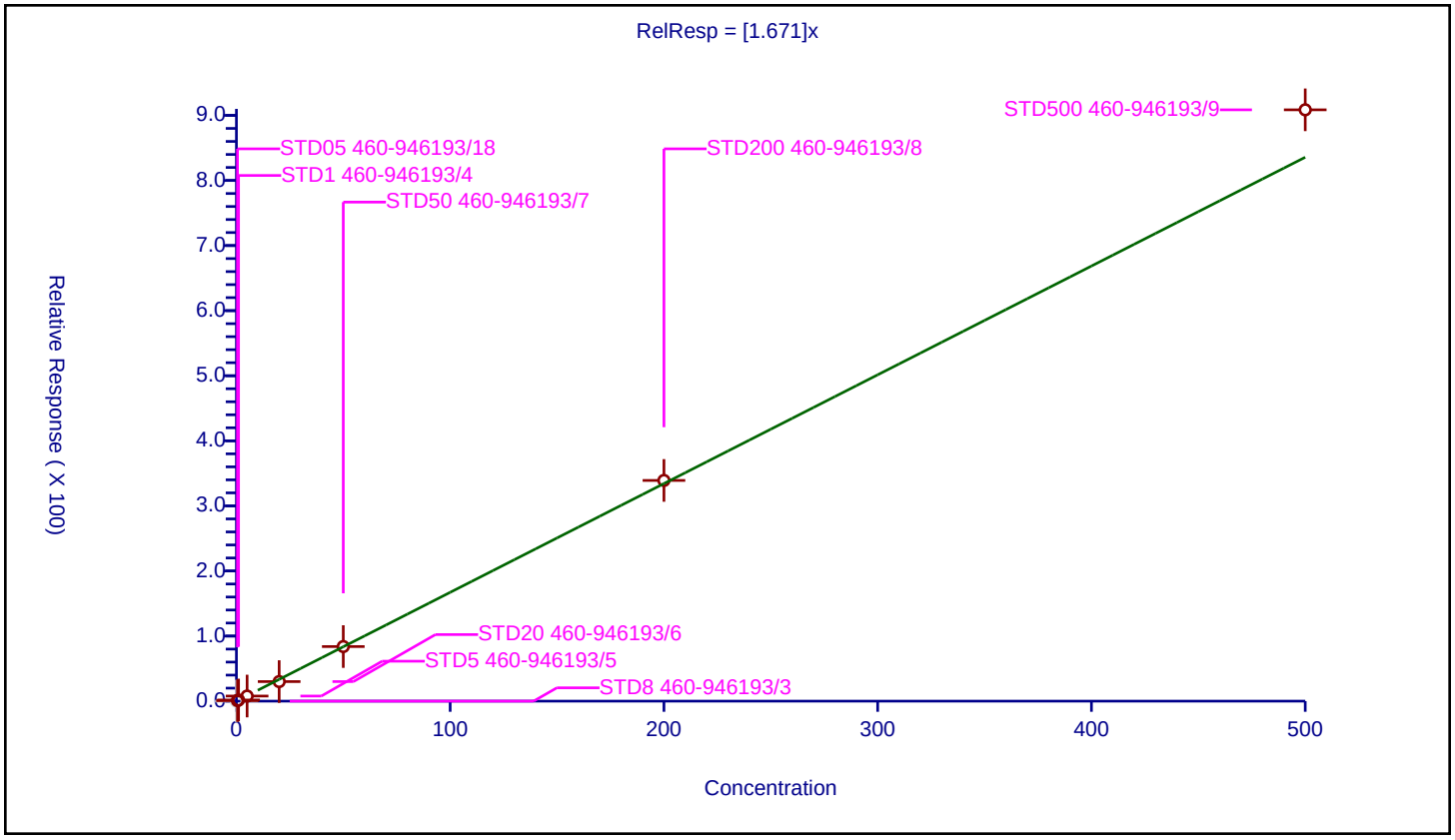
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.671 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1700000 |
| **Relative Standard Error:** | 6.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.840951 | 50.0 | 186634.0 | 1.681901 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.756982 | 50.0 | 184151.0 | 1.756982 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 7.836713 | 50.0 | 184497.0 | 1.567343 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 30.053212 | 50.0 | 186050.0 | 1.502661 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 83.893409 | 50.0 | 195420.0 | 1.677868 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 339.105675 | 50.0 | 206245.0 | 1.695528 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 908.560527 | 50.0 | 214905.0 | 1.817121 | Y |






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## Calibration / 1,2,3-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

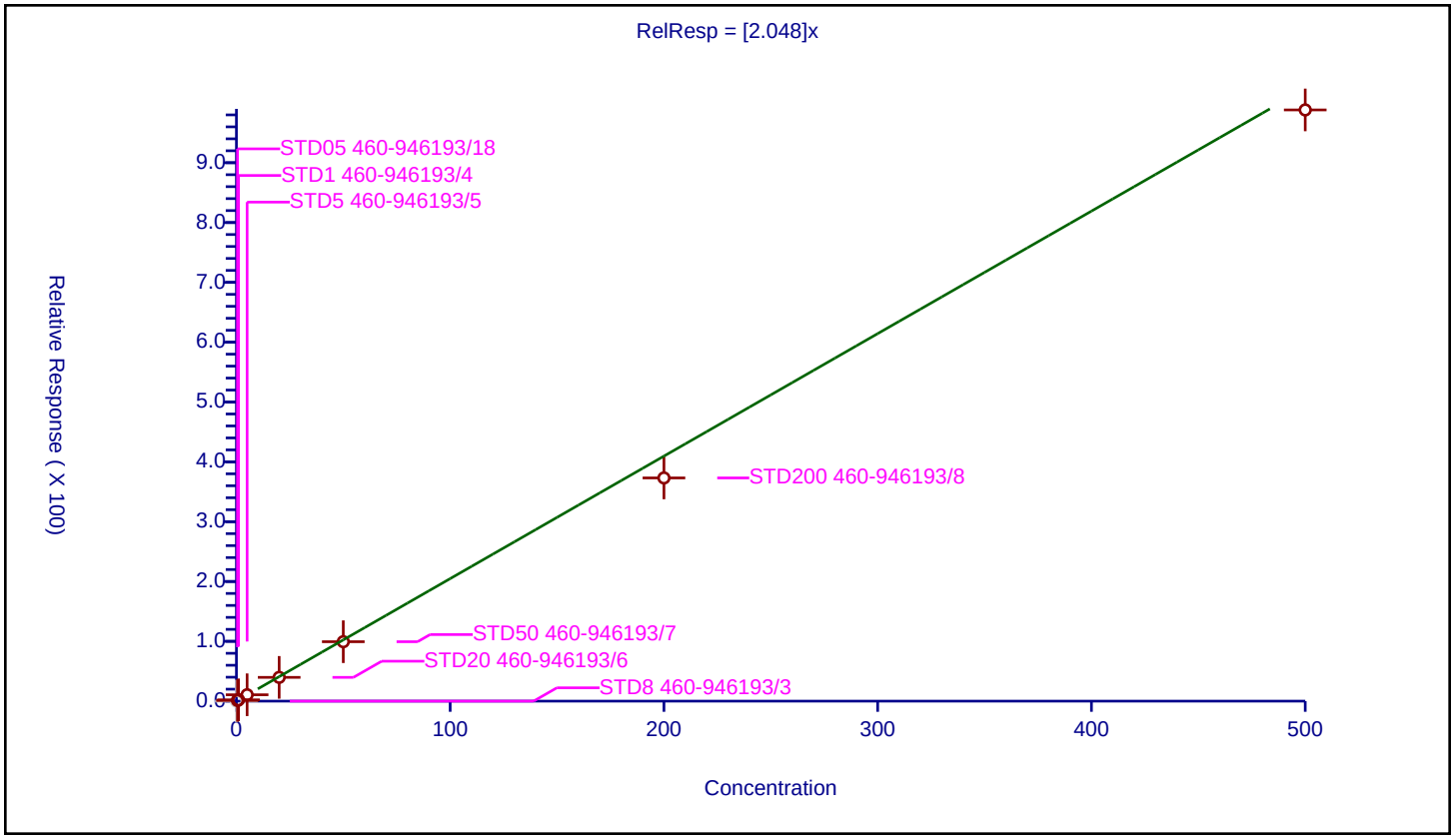
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.048 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1850000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.119839 | 50.0 | 186634.0 | 2.239678 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.14878 | 50.0 | 184151.0 | 2.14878 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 10.651393 | 50.0 | 184497.0 | 2.130279 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 39.730986 | 50.0 | 186050.0 | 1.986549 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 99.354467 | 50.0 | 195420.0 | 1.987089 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 373.091711 | 50.0 | 206245.0 | 1.865459 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 988.279938 | 50.0 | 214905.0 | 1.97656 | Y |






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## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

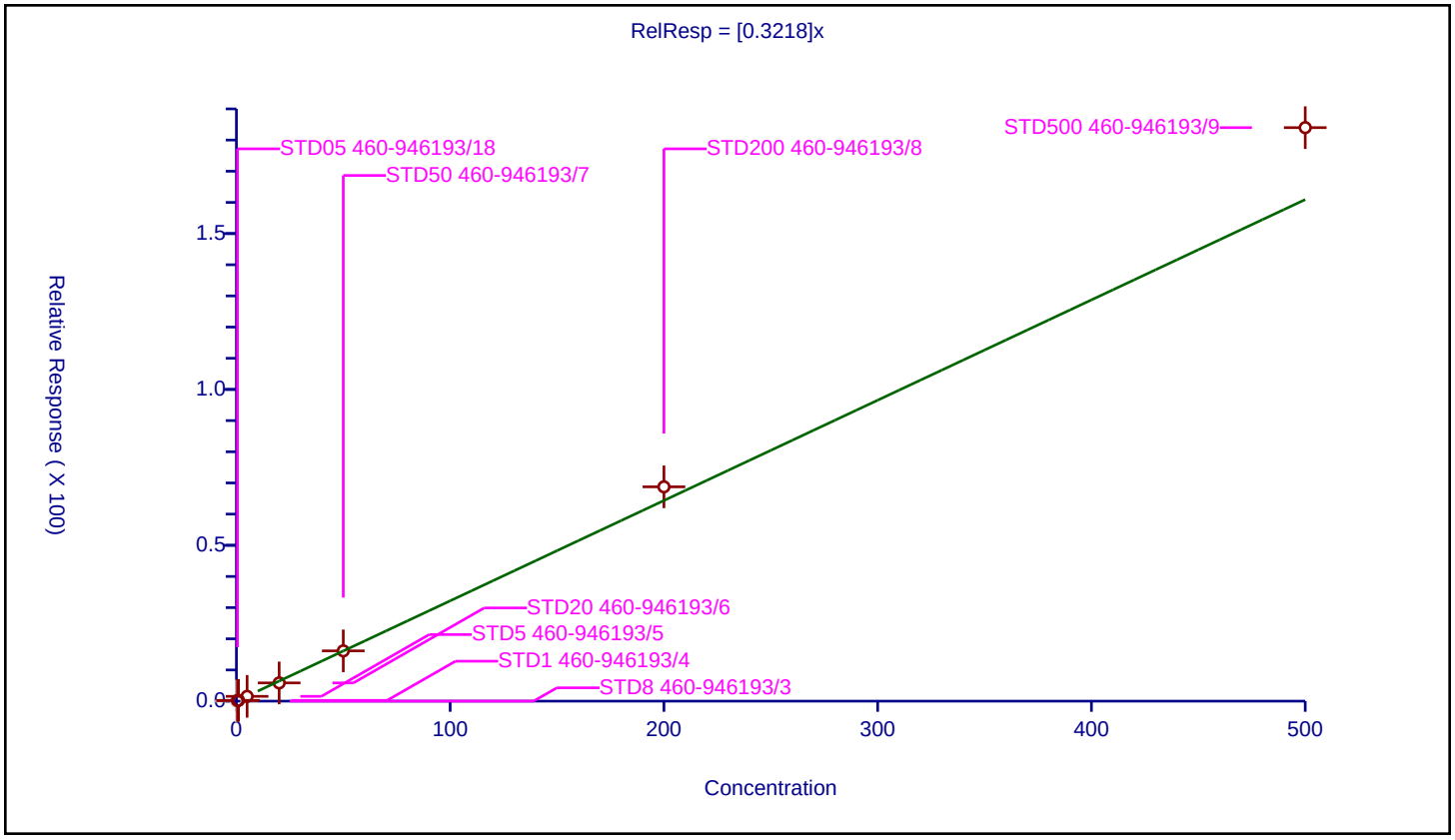
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3218 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 344000 |
| **Relative Standard Error:** | 14.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.974 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.188337 | 50.0 | 186634.0 | 0.376673 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.241378 | 50.0 | 184151.0 | 0.241378 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.539049 | 50.0 | 184497.0 | 0.30781 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 5.851384 | 50.0 | 186050.0 | 0.292569 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 16.126292 | 50.0 | 195420.0 | 0.322526 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 68.750515 | 50.0 | 206245.0 | 0.343753 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 183.985947 | 50.0 | 214905.0 | 0.367972 | Y |






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## Calibration / 2,3-Dihydroindene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

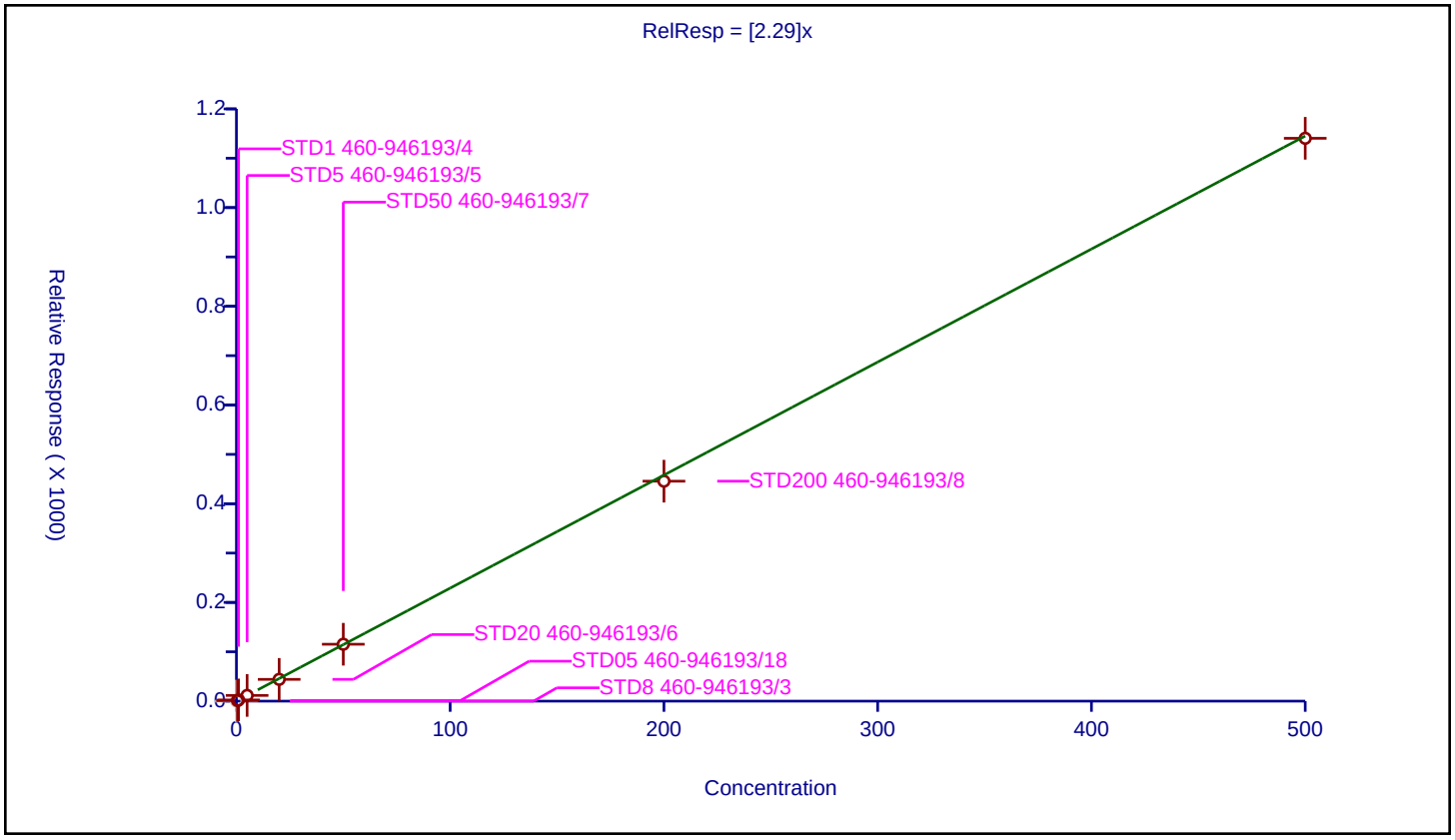
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.29 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2150000 |
| **Relative Standard Error:** | 2.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.143682 | 50.0 | 186634.0 | 2.287365 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.402919 | 50.0 | 184151.0 | 2.402919 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 11.59531 | 50.0 | 184497.0 | 2.319062 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 44.114217 | 50.0 | 186050.0 | 2.205711 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 115.294238 | 50.0 | 195420.0 | 2.305885 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 445.679653 | 50.0 | 206245.0 | 2.228398 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 1140.421582 | 50.0 | 214905.0 | 2.280843 | Y |






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## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

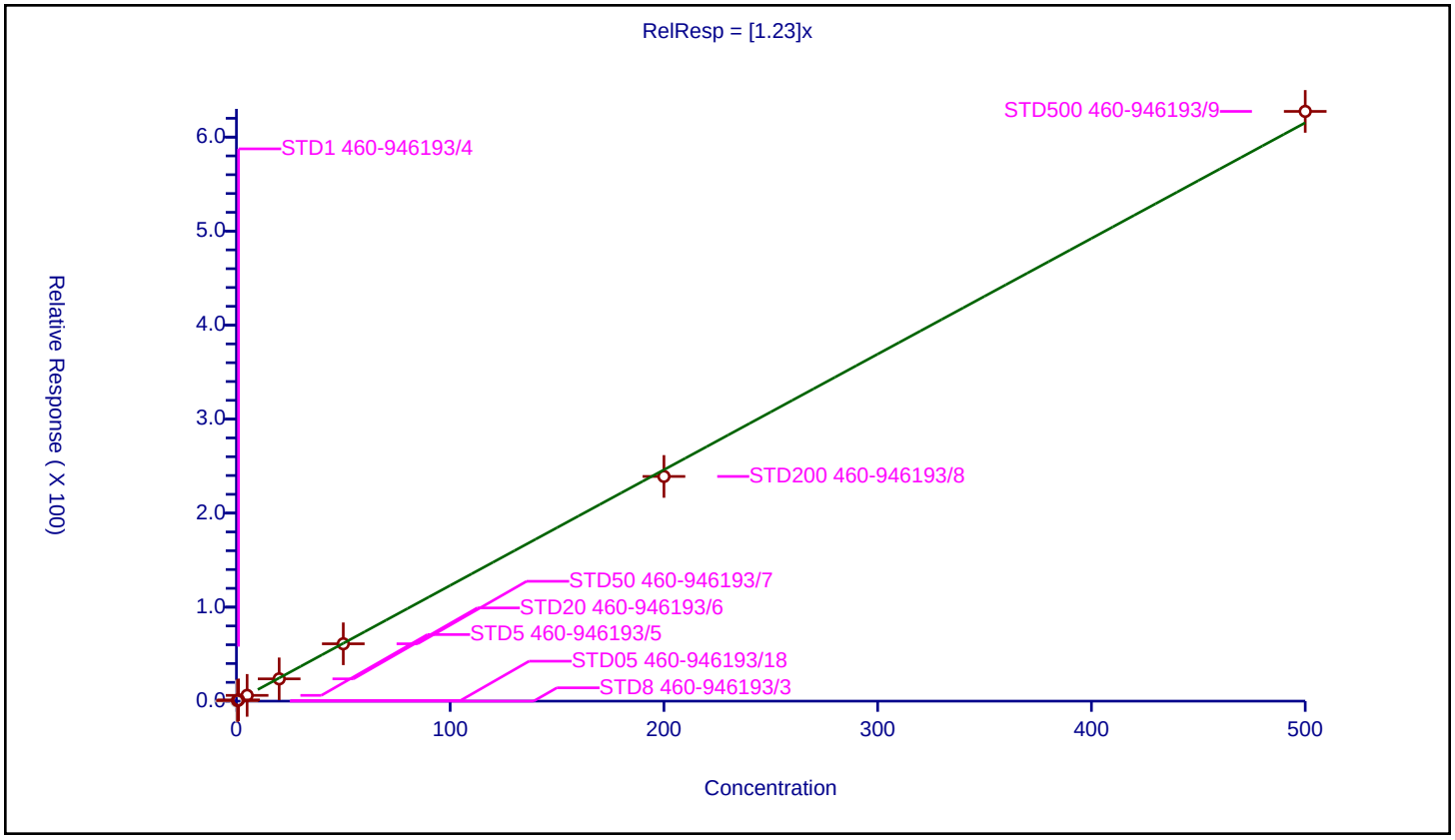
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.23 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1180000 |
| **Relative Standard Error:** | 3.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.612964 | 50.0 | 186634.0 | 1.225929 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 1.304636 | 50.0 | 184151.0 | 1.304636 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 6.136685 | 50.0 | 184497.0 | 1.227337 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 23.703306 | 50.0 | 186050.0 | 1.185165 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 61.026251 | 50.0 | 195420.0 | 1.220525 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 239.034158 | 50.0 | 206245.0 | 1.195171 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 627.345571 | 50.0 | 214905.0 | 1.254691 | Y |



## Calibration / p-Diethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

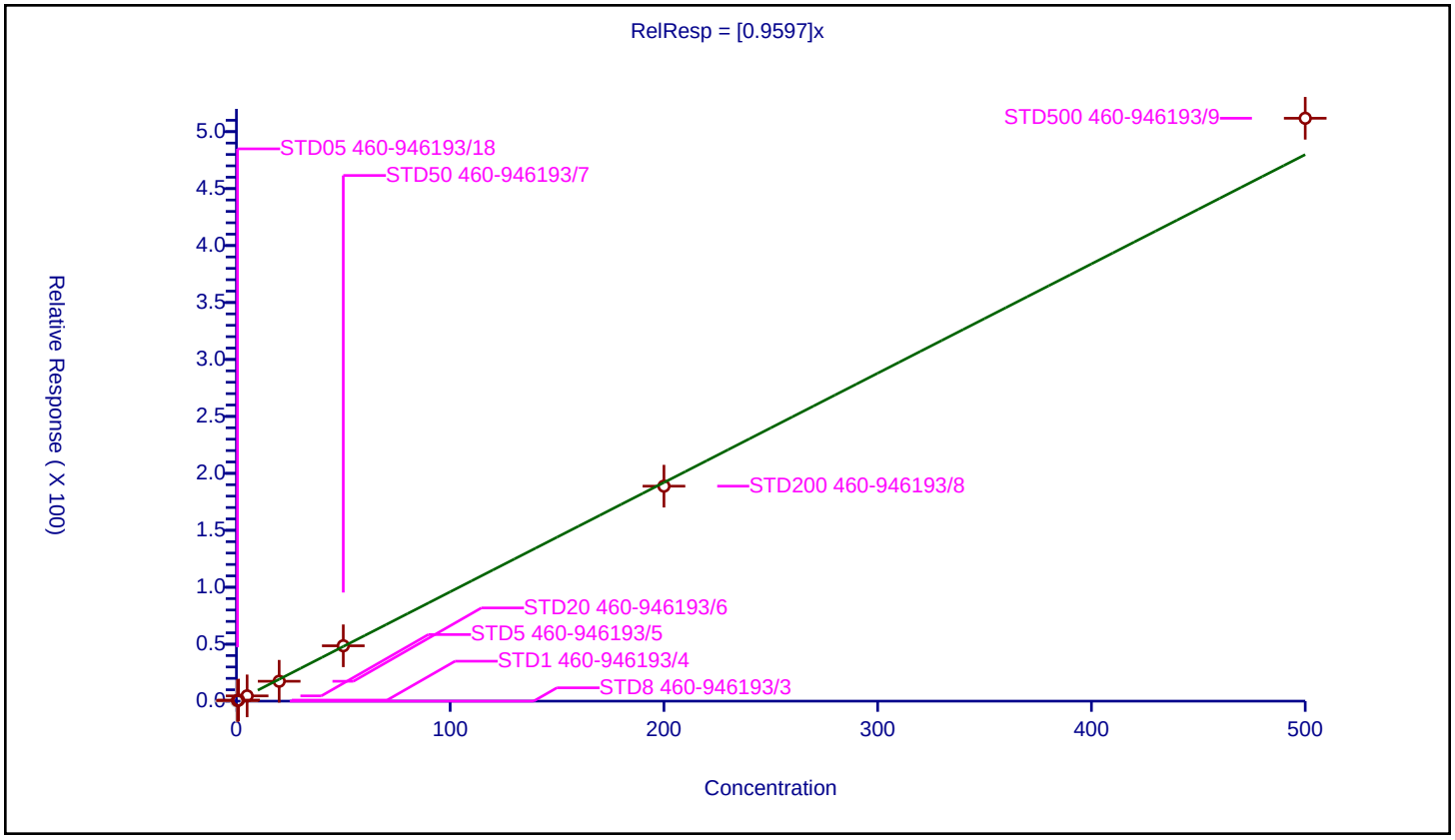
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9597 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 956000 |
| **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 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.533397 | 50.0 | 186634.0 | 1.066794 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.914195 | 50.0 | 184151.0 | 0.914195 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 4.621755 | 50.0 | 184497.0 | 0.924351 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 17.467347 | 50.0 | 186050.0 | 0.873367 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 48.605567 | 50.0 | 195420.0 | 0.972111 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 188.760455 | 50.0 | 206245.0 | 0.943802 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 511.762872 | 50.0 | 214905.0 | 1.023526 | Y |






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## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

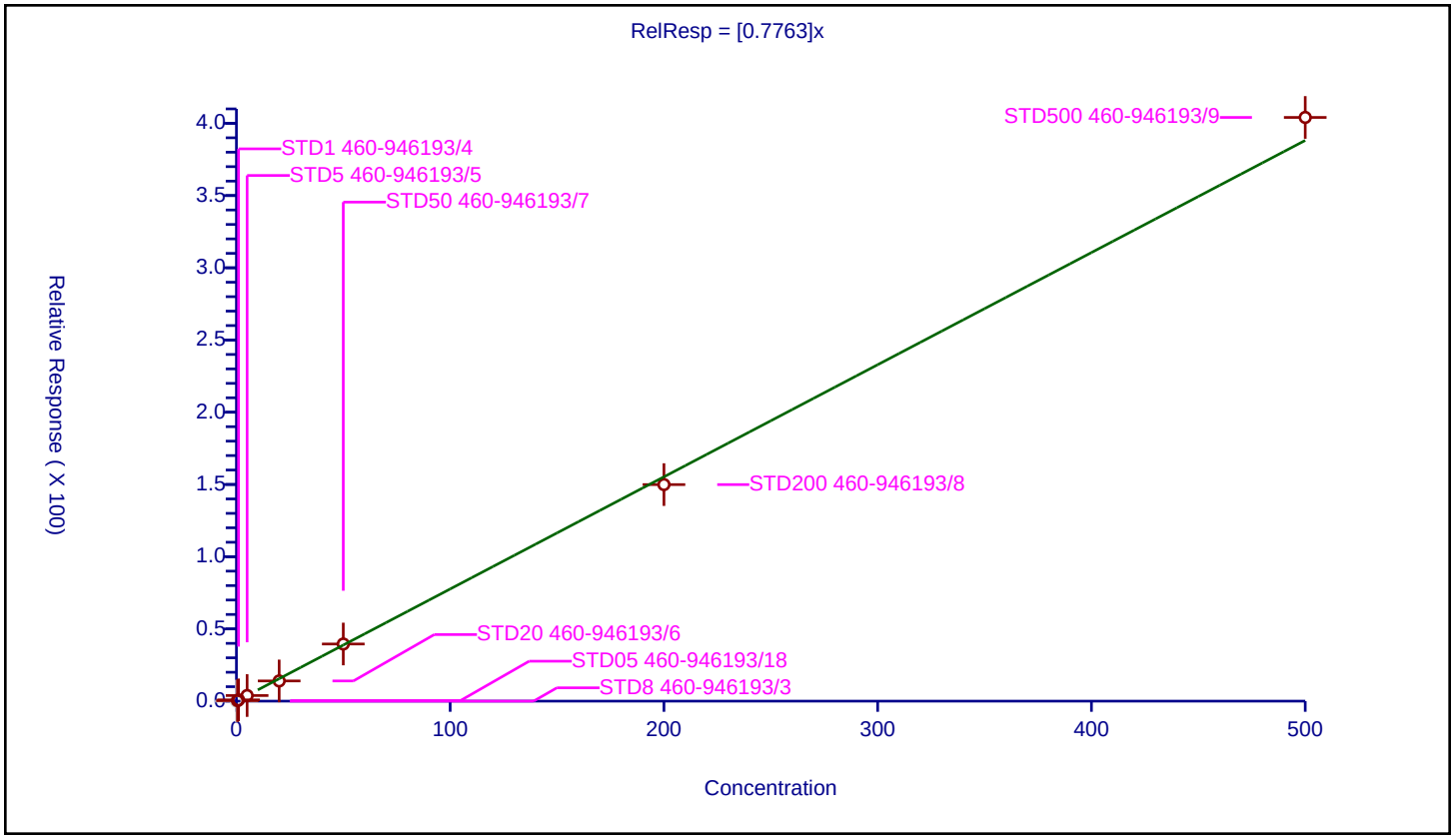
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7763 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 755000 |
| **Relative Standard Error:** | 7.6 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.364349 | 50.0 | 186634.0 | 0.728699 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.880527 | 50.0 | 184151.0 | 0.880527 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.882719 | 50.0 | 184497.0 | 0.776544 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 13.993819 | 50.0 | 186050.0 | 0.699691 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 39.560434 | 50.0 | 195420.0 | 0.791209 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 149.92024 | 50.0 | 206245.0 | 0.749601 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 404.079942 | 50.0 | 214905.0 | 0.80816 | Y |






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## Calibration / 1,2,4,5-Tetramethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

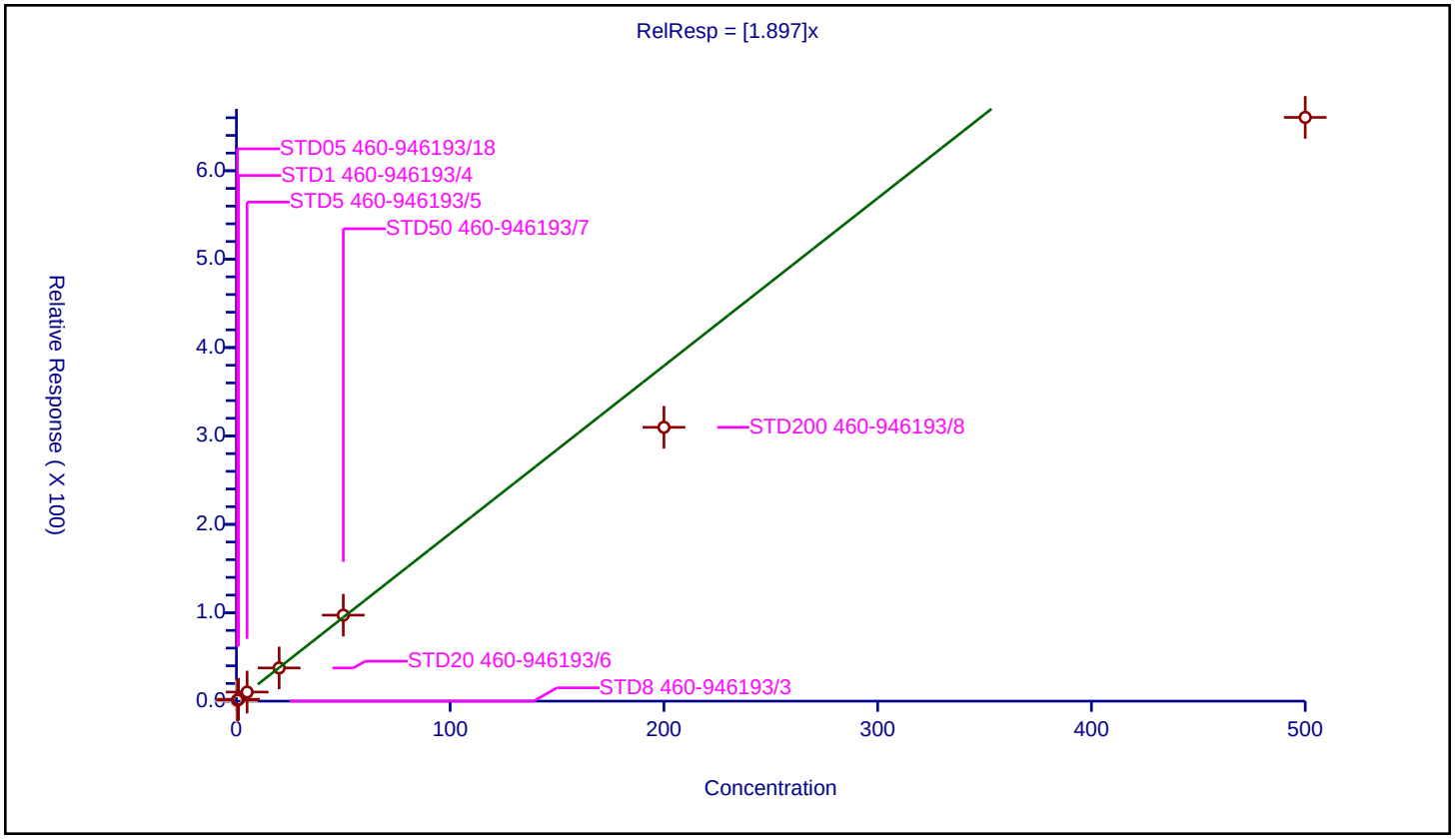
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.897 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1280000 |
| **Relative Standard Error:** | 19.3 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.946 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.213605 | 50.0 | 186634.0 | 2.42721 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.100993 | 50.0 | 184151.0 | 2.100993 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 10.27659 | 50.0 | 184497.0 | 2.055318 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 37.564633 | 50.0 | 186050.0 | 1.878232 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 97.27075 | 50.0 | 195420.0 | 1.945415 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 309.778176 | 50.0 | 206245.0 | 1.548891 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 660.37156 | 50.0 | 214905.0 | 1.320743 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

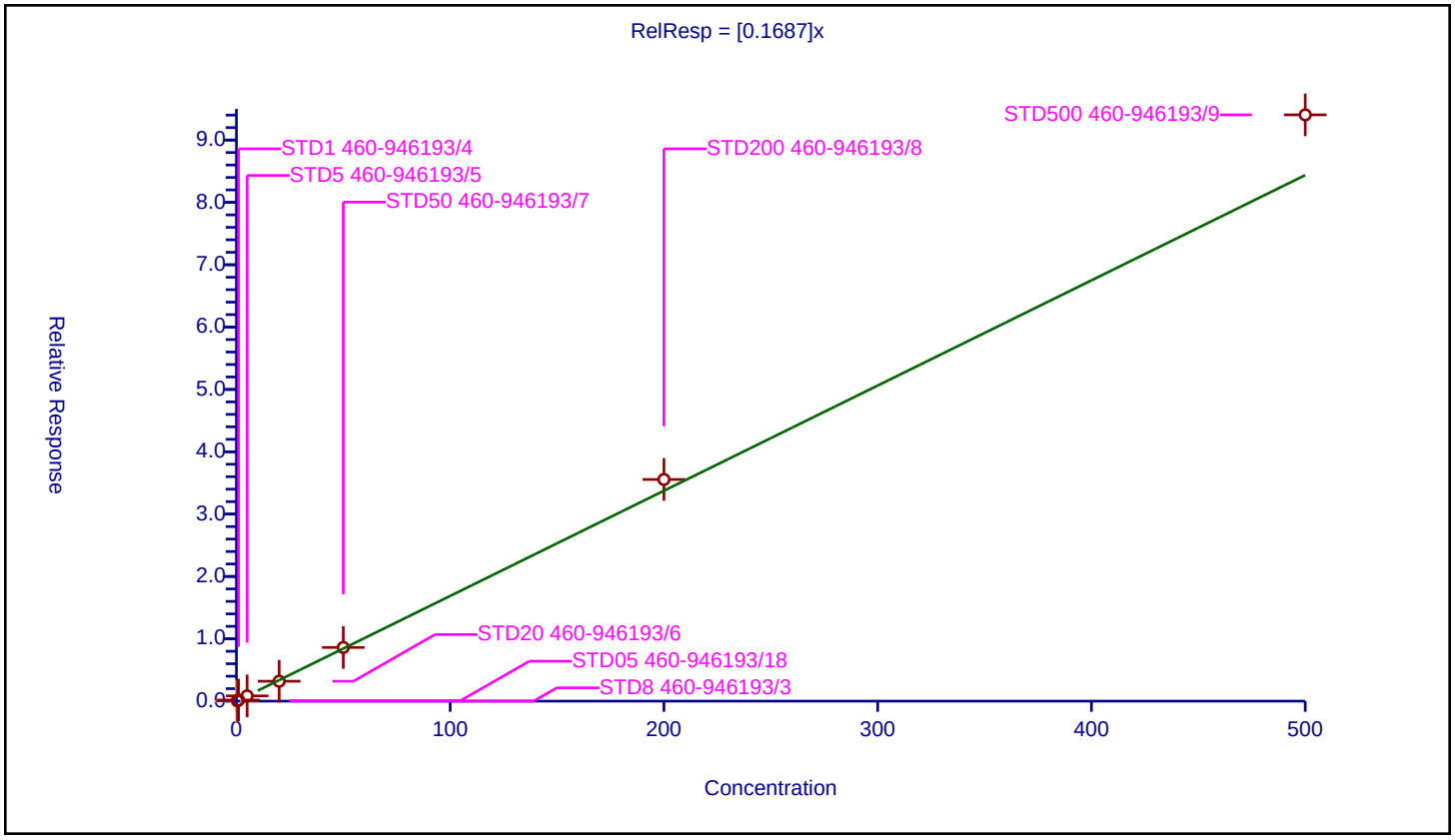
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1687 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 176000 |
| **Relative Standard Error:** | 9.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.069387 | 50.0 | 186634.0 | 0.138774 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.175671 | 50.0 | 184151.0 | 0.175671 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 0.845271 | 50.0 | 184497.0 | 0.169054 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 3.192421 | 50.0 | 186050.0 | 0.159621 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 8.608894 | 50.0 | 195420.0 | 0.172178 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 35.557226 | 50.0 | 206245.0 | 0.177786 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 94.042717 | 50.0 | 214905.0 | 0.188085 | Y |



## Calibration / 1,3,5-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

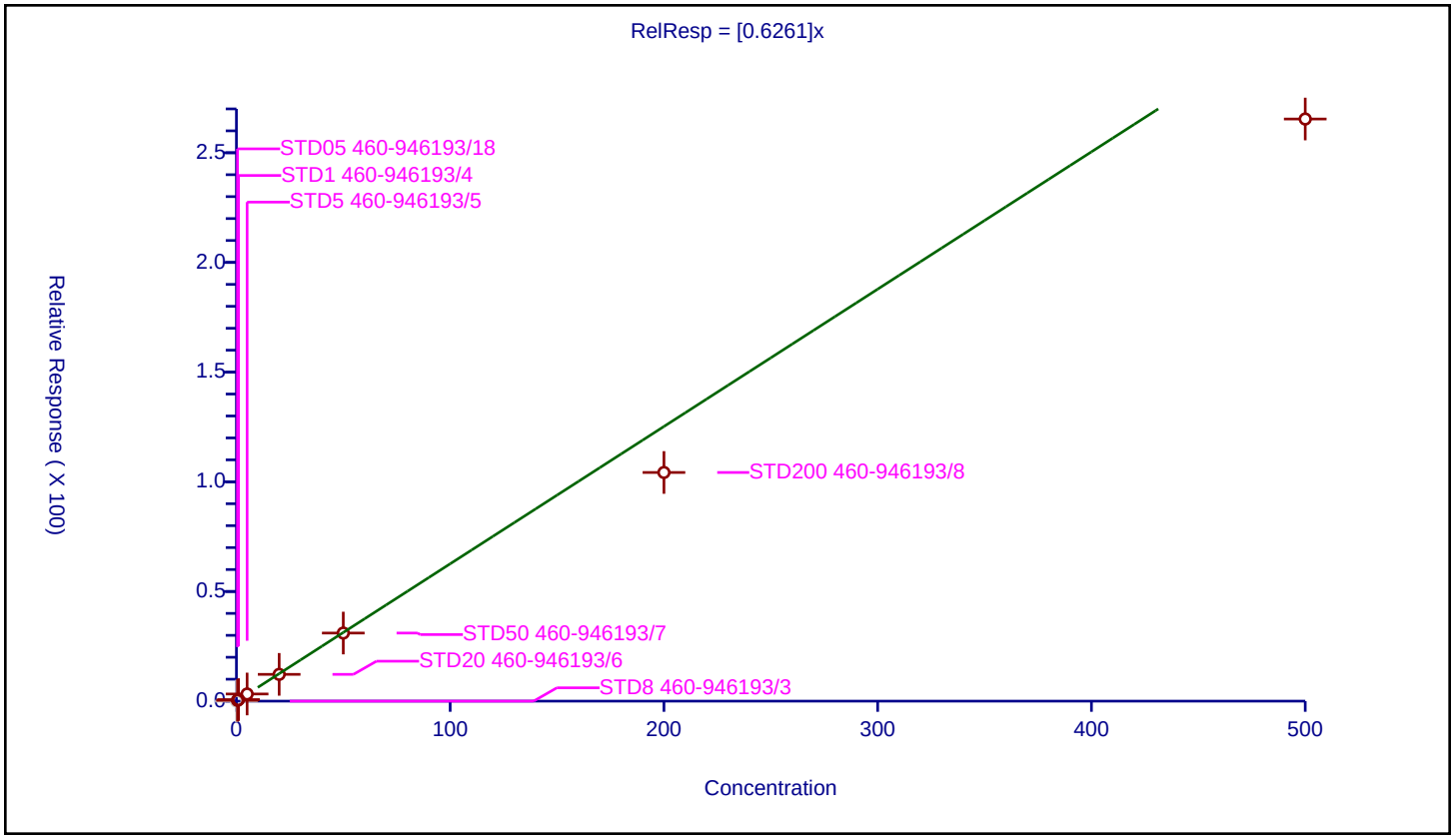
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6261 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 500000 |
| **Relative Standard Error:** | 13.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.975 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.37319 | 50.0 | 186634.0 | 0.746381 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.700241 | 50.0 | 184151.0 | 0.700241 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.262926 | 50.0 | 184497.0 | 0.652585 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 12.207471 | 50.0 | 186050.0 | 0.610374 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 31.04672 | 50.0 | 195420.0 | 0.620934 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 104.243982 | 50.0 | 206245.0 | 0.52122 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 265.38424 | 50.0 | 214905.0 | 0.530768 | Y |






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## Calibration / 1,2,4-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

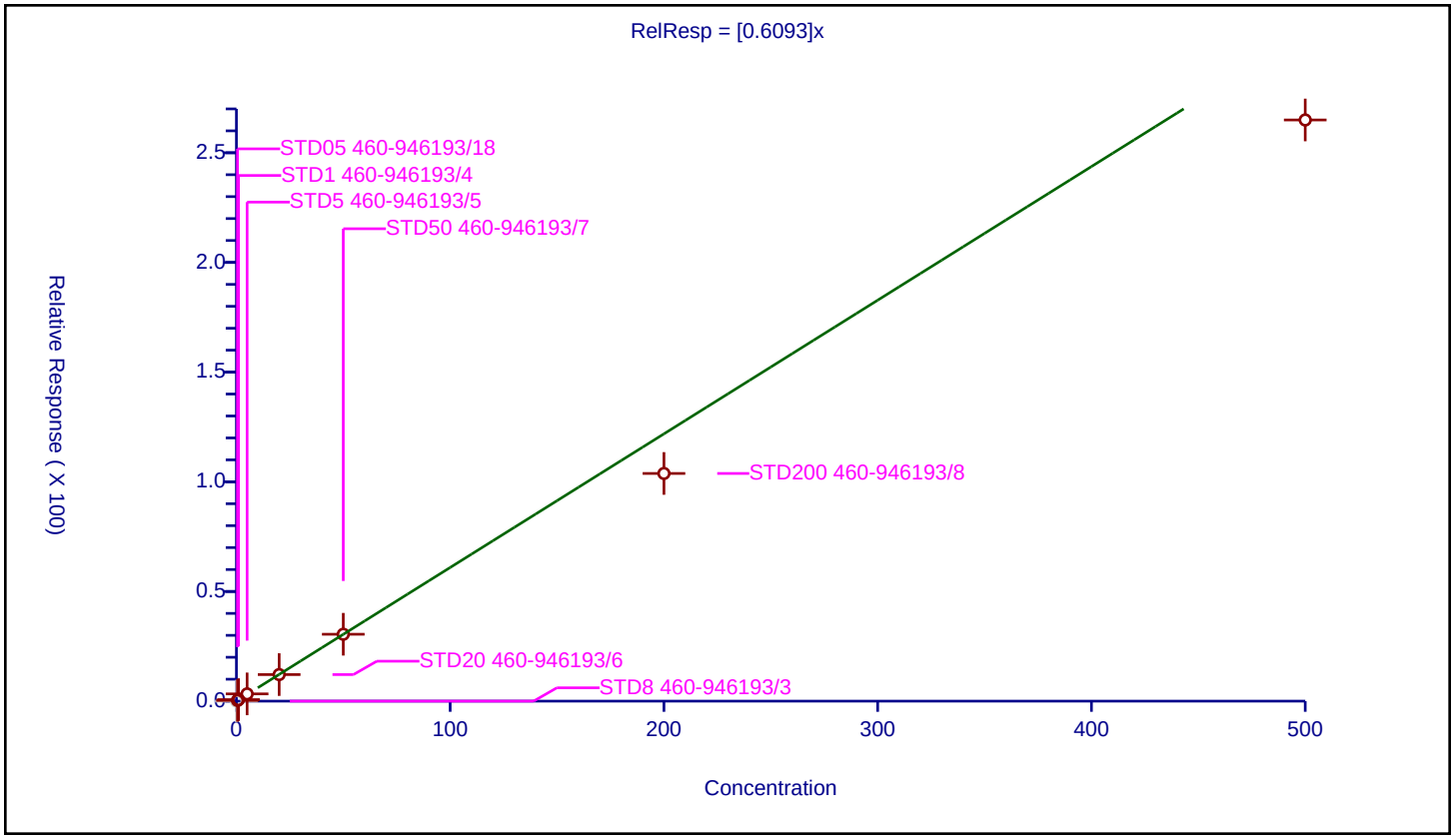
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6093 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 499000 |
| **Relative Standard Error:** | 10.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.328986 | 50.0 | 186634.0 | 0.657972 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.680148 | 50.0 | 184151.0 | 0.680148 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 3.310623 | 50.0 | 184497.0 | 0.662125 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 12.116367 | 50.0 | 186050.0 | 0.605818 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 30.49867 | 50.0 | 195420.0 | 0.609973 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 103.797183 | 50.0 | 206245.0 | 0.518986 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 264.94707 | 50.0 | 214905.0 | 0.529894 | Y |






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## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

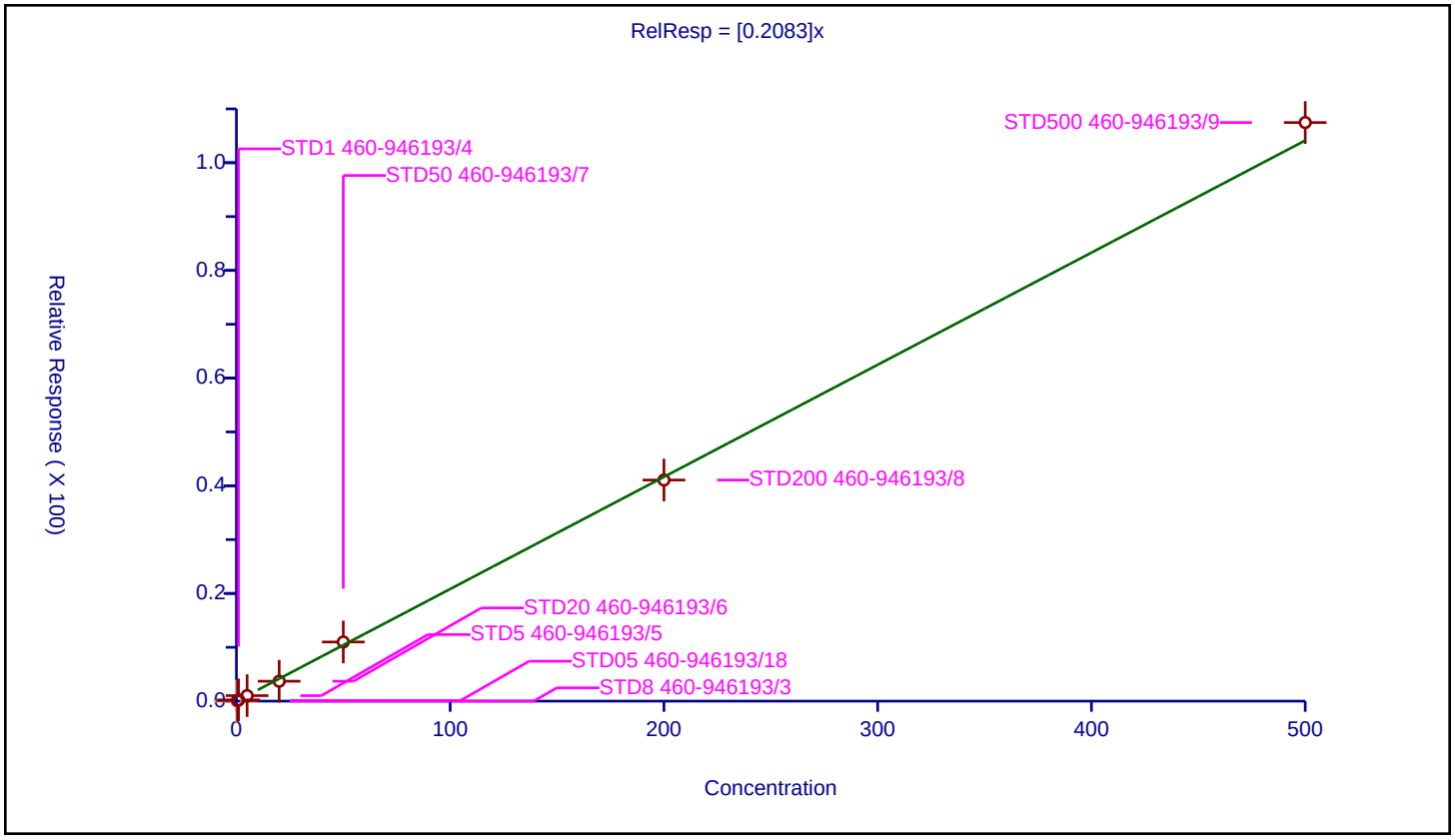
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2083 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 202000 |
| **Relative Standard Error:** | 6.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.100196 | 50.0 | 186634.0 | 0.200392 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.227802 | 50.0 | 184151.0 | 0.227802 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 1.023865 | 50.0 | 184497.0 | 0.204773 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 3.698468 | 50.0 | 186050.0 | 0.184923 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 10.981988 | 50.0 | 195420.0 | 0.21964 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 41.06839 | 50.0 | 206245.0 | 0.205342 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 107.464926 | 50.0 | 214905.0 | 0.21493 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

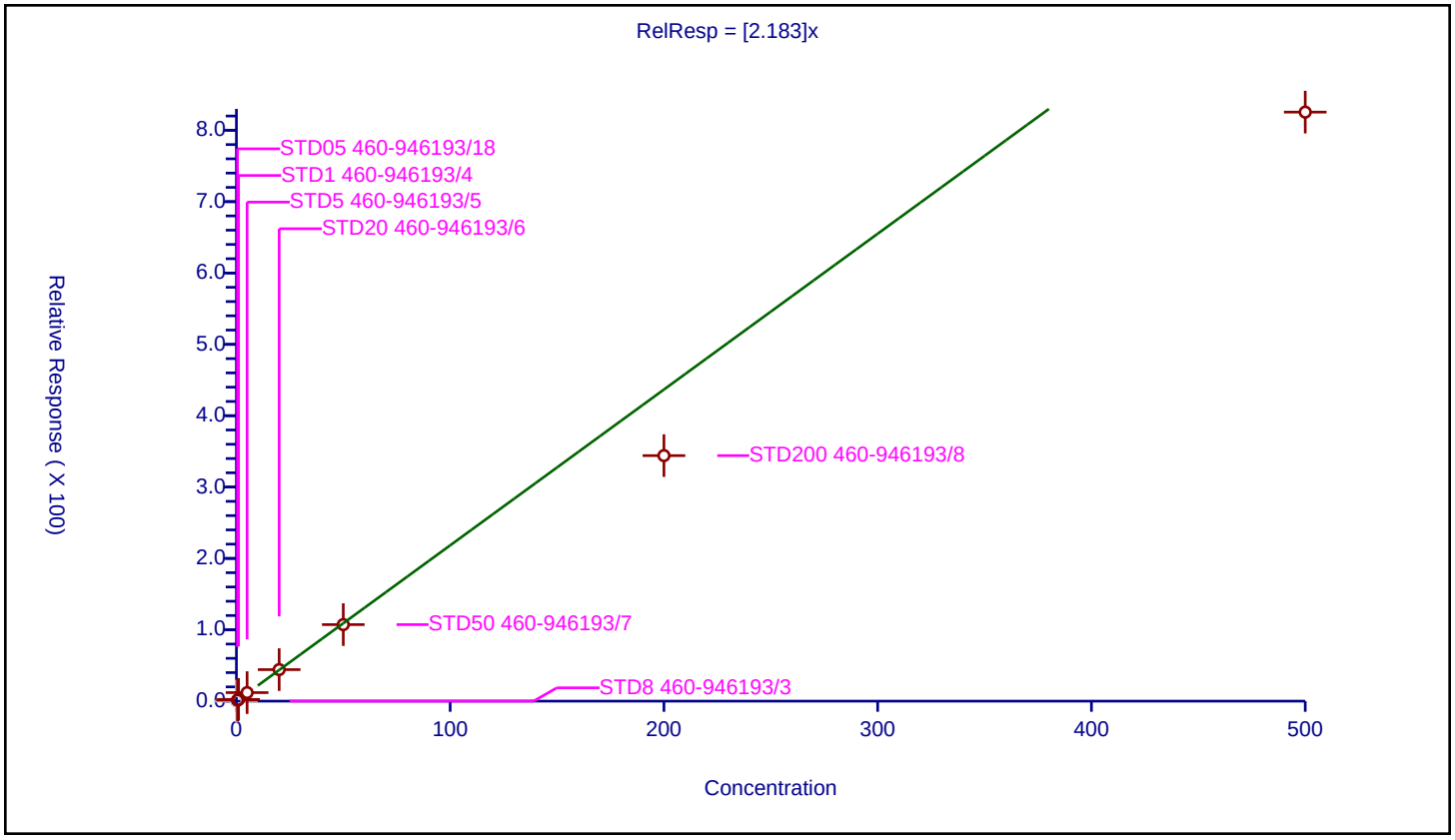
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.183 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1570000 |
| **Relative Standard Error:** | 18.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.952 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 1.388011 | 50.0 | 186634.0 | 2.776022 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 2.391516 | 50.0 | 184151.0 | 2.391516 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 11.955479 | 50.0 | 184497.0 | 2.391096 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 44.181403 | 50.0 | 186050.0 | 2.20907 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 107.245932 | 50.0 | 195420.0 | 2.144919 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 344.093917 | 50.0 | 206245.0 | 1.72047 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 825.498476 | 50.0 | 214905.0 | 1.650997 | Y |






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## Calibration / 1,2,3-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

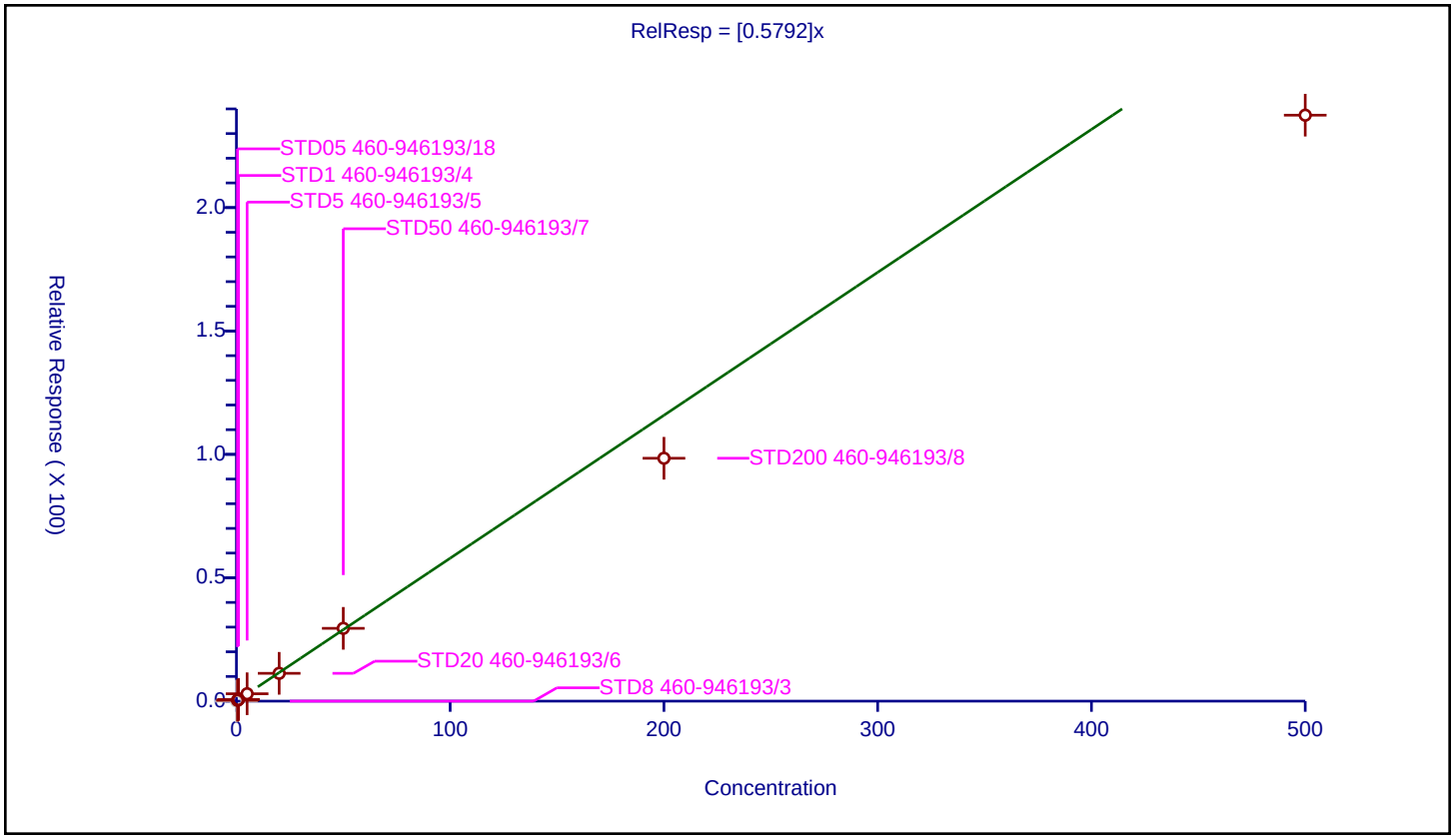
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5792 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 451000 |
| **Relative Standard Error:** | 13.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.976 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-946193/3 | 0.0 | 0.0 | 50.0 | 189594.0 | NaN | N |
| 2 | STD05 460-946193/18 | 0.5 | 0.340774 | 50.0 | 186634.0 | 0.681548 | Y |
| 3 | STD1 460-946193/4 | 1.0 | 0.653268 | 50.0 | 184151.0 | 0.653268 | Y |
| 4 | STD5 460-946193/5 | 5.0 | 2.995171 | 50.0 | 184497.0 | 0.599034 | Y |
| 5 | STD20 460-946193/6 | 20.0 | 11.268207 | 50.0 | 186050.0 | 0.56341 | Y |
| 6 | STD50 460-946193/7 | 50.0 | 29.504912 | 50.0 | 195420.0 | 0.590098 | Y |
| 7 | STD200 460-946193/8 | 200.0 | 98.429538 | 50.0 | 206245.0 | 0.492148 | Y |
| 8 | STD500 460-946193/9 | 500.0 | 237.452595 | 50.0 | 214905.0 | 0.474905 | Y |






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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-945184/3 | B10143.D |
| Level 2 | STD5 460-945184/4 | B10144.D |
| Level 3 | STD20 460-945184/5 | B10145.D |
| Level 4 | STD50 460-945184/6 | B10146.D |
| Level 5 | STD200 460-945184/7 | B10147.D |
| Level 6 | STD500 460-945184/8 | B10148.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dichlorodifluoromethane | 0.2740 0.3664 | 0.2066 | 0.2660 | 0.2680 | 0.3399 | QuaF | | 0.3126 | 0.0001082 | | 0.1000 | | | | 1.0000 | | 0.9900 |
| Chlorodifluoromethane | 0.0829 0.0492 | 0.0725 | 0.0632 | 0.0493 | 0.0532 | QuaF | | 0.0553 | -0.000012 | | | | | | 1.0000 | | 0.9900 |
| Chloromethane | 0.3363 0.3989 | 0.3377 | 0.3321 | 0.3531 | 0.3692 | Ave | | 0.3545 | | | 0.1000 | 7.3 | | 20.0 | | | |
| Butadiene | 0.2396 0.3119 | 0.2415 | 0.2681 | 0.2855 | 0.2712 | Ave | | 0.2696 | | | | 10.1 | | 20.0 | | | |
| Vinyl chloride | 0.3903 0.3517 | 0.3135 | 0.3077 | 0.3209 | 0.3243 | Ave | | 0.3347 | | | 0.1000 | 9.3 | | 20.0 | | | |
| Bromomethane | 0.2027 0.1848 | 0.2011 | 0.1794 | 0.1818 | 0.1903 | Ave | | 0.1900 | | | 0.1000 | 5.2 | | 20.0 | | | |
| Chloroethane | 0.1573 0.1882 | 0.2004 | 0.1738 | 0.1874 | 0.1816 | Ave | | 0.1815 | | | 0.1000 | 8.1 | | 20.0 | | | |
| Dichlorofluoromethane | 0.3300 0.4932 | 0.2801 | 0.2922 | 0.3554 | 0.4251 | QuaF | | 0.3726 | 0.0002418 | | | | | | 1.0000 | | 0.9900 |
| Trichlorofluoromethane | 0.2587 0.3498 | 0.2098 | 0.2489 | 0.2783 | 0.3029 | Ave | | 0.2747 | | | 0.1000 | 17.5 | | 20.0 | | | |
| Pentane | 0.3734 0.4828 | 0.3267 | 0.4667 | 0.4704 | 0.4779 | Ave | | 0.4330 | | | | 15.3 | | 20.0 | | | |
| Ethanol | +++++ 0.0590 | 0.0573 | 0.0529 | 0.0649 | 0.0542 | Ave | | 0.0577 | | | | 8.2 | | 20.0 | | | |
| Ethyl ether | 0.2959 0.2125 | 0.2112 | 0.1912 | 0.1941 | 0.1921 | Ave | | 0.2162 | | | | 18.6 | | 20.0 | | | |
| 2-Methyl-1,3-butadiene | 0.1662 0.2575 | 0.2380 | 0.2482 | 0.2507 | 0.2619 | Ave | | 0.2371 | | | | 15.0 | | 20.0 | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | 0.2279 0.1903 | 0.1695 | 0.2024 | 0.1597 | 0.2007 | Ave | | 0.1918 | | | | 12.8 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | 0.2983 0.3521 | 0.3162 | 0.3779 | 0.2743 | 0.3655 | Ave | | 0.3307 | | | | 12.3 | | 20.0 | | | |
| Acrolein | 1.2648 1.5035 | 1.3426 | 1.2632 | 1.4051 | 1.3689 | Ave | | 1.3580 | | | | 6.7 | | 20.0 | | | |
| 1,1-Dichloroethene | 0.1426 0.2221 | 0.1888 | 0.1976 | 0.2120 | 0.2091 | Ave | | 0.1954 | | | 0.1000 | 14.5 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.2160 0.2422 | 0.1796 | 0.2277 | 0.2404 | 0.2280 | Ave | | 0.2223 | | | 0.1000 | 10.3 | | 20.0 | | | |
| Acetone | 0.8994 0.9293 | 0.6264 | 0.6037 | 0.6761 | 0.7963 | Ave | | 0.7552 | | | 0.0500 | 18.6 | | 20.0 | | | |
| Iodomethane | 0.3980 0.3926 | 0.3631 | 0.3412 | 0.3638 | 0.3733 | Ave | | 0.3720 | | | | 5.6 | | 20.0 | | | |
| Carbon disulfide | 0.6654 0.8506 | 0.6378 | 0.6687 | 0.7051 | 0.7876 | Ave | | 0.7192 | | | 0.1000 | 11.5 | | 20.0 | | | |
| Isopropyl alcohol | 0.6876 0.7427 | 0.4982 | 0.5349 | 0.7188 | 0.6651 | Ave | | 0.6412 | | | | 15.7 | | 20.0 | | | |
| 3-Chloro-1-propene | 0.3536 0.3936 | 0.3715 | 0.3515 | 0.3559 | 0.3645 | Ave | | 0.3651 | | | | 4.3 | | 20.0 | | | |
| Methyl acetate | 0.1822 0.1882 | 0.1634 | 0.1566 | 0.1589 | 0.1542 | Ave | | 0.1672 | | | 0.1000 | 8.6 | | 20.0 | | | |
| Acetonitrile | 0.4819 0.6269 | 0.4399 | 0.5307 | 0.6176 | 0.6689 | Ave | | 0.5610 | | | | 16.1 | | 20.0 | | | |
| Methylene Chloride | 0.2740 0.2646 | 0.2552 | 0.2328 | 0.2459 | 0.2490 | Ave | | 0.2536 | | | 0.1000 | 5.7 | | 20.0 | | | |
| 2-Methyl-2-propanol | 1.0960 1.1865 | 1.2341 | 1.0374 | 1.1527 | 1.0825 | Ave | | 1.1315 | | | | 6.4 | | 20.0 | | | |
| Acrylonitrile | 3.0593 2.9791 | 2.8966 | 2.4710 | 2.8413 | 2.7842 | Ave | | 2.8386 | | | | 7.2 | | 20.0 | | | |
| trans-1,2-Dichloroethene | 0.2238 0.2517 | 0.2340 | 0.2215 | 0.2327 | 0.2398 | Ave | | 0.2339 | | | 0.1000 | 4.7 | | 20.0 | | | |
| Methyl tert-butyl ether | 0.7090 0.6773 | 0.6615 | 0.5916 | 0.6093 | 0.6164 | Ave | | 0.6442 | | | 0.1000 | 7.1 | | 20.0 | | | |
| Hexane | 0.4536 0.4343 | 0.2876 | 0.3735 | 0.3877 | 0.3936 | Ave | | 0.3884 | | | | 14.9 | | 20.0 | | | |
| 1,1-Dichloroethane | 0.5691 0.5049 | 0.4894 | 0.4469 | 0.4649 | 0.4745 | Ave | | 0.4916 | | | 0.2000 | 8.7 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Vinyl acetate | 0.4692 0.3581 | 0.4122 | 0.3380 | 0.3917 | 0.4001 | Ave | | 0.3949 | | | | 11.6 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | 0.2242 0.2323 | 0.2109 | 0.2134 | 0.2234 | 0.2327 | Ave | | 0.2228 | | | | 4.1 | | 20.0 | | | |
| Isopropyl ether | 0.9082 0.9268 | 0.8672 | 0.8259 | 0.8716 | 0.9001 | Ave | | 0.8833 | | | | 4.1 | | 20.0 | | | |
| Tert-butyl ethyl ether | 0.3229 0.2564 | 0.2945 | 0.2606 | 0.2684 | 0.2581 | Ave | | 0.2768 | | | | 9.6 | | 20.0 | | | |
| cis-1,2-Dichloroethene | 0.2520 0.2765 | 0.2653 | 0.2481 | 0.2548 | 0.2605 | Ave | | 0.2595 | | | 0.1000 | 4.0 | | 20.0 | | | |
| 2,2-Dichloropropane | 0.1311 0.1245 | 0.1268 | 0.1210 | 0.1214 | 0.1187 | Ave | | 0.1239 | | | | 3.7 | | 20.0 | | | |
| 2-Butanone (MEK) | 0.3356 0.2697 | 0.2849 | 0.2295 | 0.2336 | 0.2506 | Ave | | 0.2673 | | | 0.0500 | 14.8 | | 20.0 | | | |
| Propionitrile | 0.3196 0.2826 | 0.3021 | 0.2560 | 0.2758 | 0.2826 | Ave | | 0.2864 | | | | 7.7 | | 20.0 | | | |
| Ethyl acetate | 2.6435 2.2015 | 2.5548 | 2.1293 | 2.2558 | 2.2926 | Ave | | 2.3462 | | | | 8.8 | | 20.0 | | | |
| Methyl acrylate | 0.2330 0.2603 | 0.2592 | 0.2260 | 0.2379 | 0.2350 | Ave | | 0.2419 | | | | 5.9 | | 20.0 | | | |
| Chlorobromomethane | 0.1276 0.1200 | 0.1204 | 0.1074 | 0.1117 | 0.1115 | Ave | | 0.1164 | | | | 6.5 | | 20.0 | | | |
| Methacrylonitrile | 0.0955 0.0933 | 0.0872 | 0.0805 | 0.0817 | 0.0838 | Ave | | 0.0870 | | | | 7.1 | | 20.0 | | | |
| Tetrahydrofuran | 0.8480 0.7205 | 0.7508 | 0.6402 | 0.6992 | 0.7037 | Ave | | 0.7271 | | | | 9.5 | | 20.0 | | | |
| Chloroform | 0.4320 0.4720 | 0.4473 | 0.4023 | 0.4322 | 0.4402 | Ave | | 0.4377 | | | 0.2000 | 5.2 | | 20.0 | | | |
| 1,1,1-Trichloroethane | 0.4857 0.3917 | 0.3394 | 0.3595 | 0.3793 | 0.3752 | Ave | | 0.3884 | | | 0.1000 | 13.1 | | 20.0 | | | |
| Cyclohexane | 0.3694 0.4023 | 0.2846 | 0.3513 | 0.3802 | 0.3750 | Ave | | 0.3605 | | | 0.1000 | 11.3 | | 20.0 | | | |
| 1,1-Dichloropropene | 0.3886 0.3747 | 0.3193 | 0.3232 | 0.3407 | 0.3542 | Ave | | 0.3501 | | | | 7.9 | | 20.0 | | | |
| Carbon tetrachloride | 0.3698 0.3400 | 0.3045 | 0.2990 | 0.3202 | 0.3237 | Ave | | 0.3262 | | | 0.1000 | 7.9 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Benzene | 1.3830 1.3474 | 1.1967 | 1.1209 | 1.1989 | 1.2736 | Ave | | 1.2534 | | | 0.5000 | 8.0 | | 20.0 | | | |
| Isobutyl alcohol | 0.2486 0.3213 | 0.3181 | 0.2576 | 0.3069 | 0.2815 | Ave | | 0.2890 | | | | 10.8 | | 20.0 | | | |
| 1,2-Dichloroethane | 0.4194 0.3571 | 0.3346 | 0.3005 | 0.3184 | 0.3212 | Ave | | 0.3419 | | | 0.1000 | 12.4 | | 20.0 | | | |
| Isopropyl acetate | 0.0958 0.0923 | 0.0890 | 0.0814 | 0.0838 | 0.0831 | Ave | | 0.0876 | | | | 6.5 | | 20.0 | | | |
| Tert-amyl methyl ether | 0.7373 0.6347 | 0.7212 | 0.6554 | 0.6701 | 0.6267 | Ave | | 0.6742 | | | | 6.8 | | 20.0 | | | |
| n-Heptane | 0.4957 0.4871 | 0.3645 | 0.4070 | 0.4303 | 0.4311 | Ave | | 0.4359 | | | | 11.3 | | 20.0 | | | |
| Trichloroethene | 0.2690 0.2667 | 0.2473 | 0.2286 | 0.2414 | 0.2499 | Ave | | 0.2505 | | | 0.2000 | 6.1 | | 20.0 | | | |
| n-Butanol | +++++ 0.1745 | 0.1150 | 0.1471 | 0.1525 | 0.1571 | Ave | | 0.1492 | | | | 14.6 | | 20.0 | | | |
| Ethyl acrylate | 0.6386 0.7308 | 0.5527 | 0.6209 | 0.6491 | 0.6532 | Ave | | 0.6409 | | | | 9.0 | | 20.0 | | | |
| Methylcyclohexane | 0.4598 0.4956 | 0.3353 | 0.4201 | 0.4469 | 0.4471 | Ave | | 0.4341 | | | 0.1000 | 12.5 | | 20.0 | | | |
| 1,2-Dichloropropane | 0.2932 0.2914 | 0.2697 | 0.2481 | 0.2665 | 0.2679 | Ave | | 0.2728 | | | 0.1000 | 6.2 | | 20.0 | | | |
| Dibromomethane | 0.1932 0.1476 | 0.1459 | 0.1260 | 0.1298 | 0.1335 | Ave | | 0.1460 | | | | 16.9 | | 20.0 | | | |
| 1,4-Dioxane | 1.2134 0.9026 | 1.1358 | 0.9744 | 1.0577 | 0.9193 | Ave | | 1.0339 | | | | 12.0 | | 20.0 | | | |
| Methyl methacrylate | 0.0739 0.0576 | 0.0582 | 0.0542 | 0.0527 | 0.0535 | Ave | | 0.0583 | | | | 13.6 | | 20.0 | | | |
| n-Propyl acetate | 0.3609 0.3611 | 0.3589 | 0.3237 | 0.3268 | 0.3234 | Ave | | 0.3425 | | | | 5.7 | | 20.0 | | | |
| Dichlorobromomethane | 0.3274 0.3578 | 0.3116 | 0.2959 | 0.3157 | 0.3246 | Ave | | 0.3222 | | | 0.2000 | 6.4 | | 20.0 | | | |
| 2-Nitropropane | 0.0670 0.0646 | 0.0701 | 0.0620 | 0.0598 | 0.0589 | Ave | | 0.0637 | | | | 6.8 | | 20.0 | | | |
| 2-Chloroethyl vinyl ether | 0.0900 0.0763 | 0.0683 | 0.0741 | 0.0604 | 0.0644 | Ave | | 0.0723 | | | | 14.5 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Epichlorohydrin | 0.2122 0.2143 | 0.2117 | 0.1911 | 0.2049 | 0.2014 | Ave | | 0.2059 | | | | 4.3 | | 20.0 | | | |
| cis-1,3-Dichloropropene | 0.5470 0.5675 | 0.5241 | 0.4670 | 0.4969 | 0.5233 | Ave | | 0.5210 | | | 0.2000 | 6.8 | | 20.0 | | | |
| 4-Methyl-2-pentanone (MIBK) | 2.3450 2.3597 | 2.3497 | 2.0304 | 2.1921 | 2.2323 | Ave | | 2.2515 | | | 0.0500 | 5.7 | | 20.0 | | | |
| Toluene | 1.5957 1.4024 | 1.2829 | 1.2062 | 1.2790 | 1.3340 | Ave | | 1.3500 | | | 0.4000 | 10.1 | | 20.0 | | | |
| trans-1,3-Dichloropropene | 0.4832 0.5043 | 0.4569 | 0.4196 | 0.4357 | 0.4569 | Ave | | 0.4594 | | | 0.1000 | 6.7 | | 20.0 | | | |
| Ethyl methacrylate | 0.3175 0.3336 | 0.3259 | 0.2899 | 0.2892 | 0.2946 | Ave | | 0.3085 | | | | 6.4 | | 20.0 | | | |
| 1,1,2-Trichloroethane | 0.2282 0.2274 | 0.2100 | 0.1967 | 0.1979 | 0.2060 | Ave | | 0.2110 | | | 0.1000 | 6.6 | | 20.0 | | | |
| Tetrachloroethene | 0.3370 0.3107 | 0.2852 | 0.2737 | 0.2898 | 0.2975 | Ave | | 0.2990 | | | 0.2000 | 7.5 | | 20.0 | | | |
| 1,3-Dichloropropane | 0.4937 0.4724 | 0.4282 | 0.3976 | 0.4159 | 0.4302 | Ave | | 0.4396 | | | | 8.2 | | 20.0 | | | |
| 2-Hexanone | 1.9496 1.7017 | 1.6605 | 1.4423 | 1.5189 | 1.5679 | Ave | | 1.6402 | | | 0.0500 | 10.9 | | 20.0 | | | |
| Chlorodibromomethane | 0.2860 0.3032 | 0.2666 | 0.2379 | 0.2541 | 0.2728 | Ave | | 0.2701 | | | 0.1000 | 8.5 | | 20.0 | | | |
| Ethylene Dibromide | 0.2978 0.2605 | 0.2583 | 0.2157 | 0.2284 | 0.2361 | Ave | | 0.2495 | | | 0.1000 | 11.8 | | 20.0 | | | |
| n-Butyl acetate | 0.5329 0.5195 | 0.5053 | 0.4601 | 0.4553 | 0.4665 | Ave | | 0.4900 | | | | 6.8 | | 20.0 | | | |
| Chlorobenzene | 0.8321 0.8537 | 0.7881 | 0.7496 | 0.7894 | 0.8173 | Ave | | 0.8050 | | | 0.5000 | 4.6 | | 20.0 | | | |
| 1,1,1,2-Tetrachloroethane | 0.3114 0.3161 | 0.2710 | 0.2580 | 0.2762 | 0.2963 | Ave | | 0.2882 | | | | 8.1 | | 20.0 | | | |
| Ethylbenzene | 0.5044 0.4831 | 0.4419 | 0.4165 | 0.4378 | 0.4552 | Ave | | 0.4565 | | | 0.1000 | 7.0 | | 20.0 | | | |
| m-Xylene & p-Xylene | 0.6109 0.5926 | 0.5490 | 0.5075 | 0.5445 | 0.5635 | Ave | | 0.5614 | | | 0.1000 | 6.6 | | 20.0 | | | |
| o-Xylene | 0.5638 0.5847 | 0.5450 | 0.5035 | 0.5357 | 0.5582 | Ave | | 0.5485 | | | 0.3000 | 5.1 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Styrene | 0.9972 1.0042 | 0.8663 | 0.8329 | 0.8946 | 0.9492 | Ave | | 0.9241 | | | 0.3000 | 7.6 | | 20.0 | | | |
| n-Butyl acrylate | 0.2351 0.2596 | 0.2156 | 0.2122 | 0.2285 | 0.2398 | Ave | | 0.2318 | | | | 7.5 | | 20.0 | | | |
| Bromoform | 0.1886 0.2010 | 0.1725 | 0.1553 | 0.1641 | 0.1785 | Ave | | 0.1767 | | | 0.1000 | 9.4 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | 1.4306 1.0977 | 1.1021 | 0.9547 | 0.9871 | 0.9999 | Ave | | 1.0954 | | | | 16.0 | | 20.0 | | | |
| Isopropylbenzene | 1.4255 1.5535 | 1.3517 | 1.2999 | 1.3954 | 1.4411 | Ave | | 1.4112 | | | 0.1000 | 6.1 | | 20.0 | | | |
| Bromobenzene | 0.6599 0.6315 | 0.6130 | 0.5744 | 0.5955 | 0.5930 | Ave | | 0.6112 | | | | 5.0 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.6431 0.6555 | 0.6175 | 0.5678 | 0.5888 | 0.5769 | Ave | | 0.6083 | | | 0.3000 | 5.9 | | 20.0 | | | |
| 1,2,3-Trichloropropane | 0.1833 0.1700 | 0.1822 | 0.1551 | 0.1539 | 0.1479 | Ave | | 0.1654 | | | | 9.2 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | 0.2015 0.2185 | 0.1991 | 0.1844 | 0.1876 | 0.1886 | Ave | | 0.1966 | | | | 6.4 | | 20.0 | | | |
| N-Propylbenzene | 0.8391 0.7288 | 0.6974 | 0.6778 | 0.7210 | 0.6938 | Ave | | 0.7263 | | | | 8.0 | | 20.0 | | | |
| 2-Chlorotoluene | 0.6765 0.6457 | 0.6270 | 0.5865 | 0.6182 | 0.6039 | Ave | | 0.6263 | | | | 5.1 | | 20.0 | | | |
| 4-Ethyltoluene | 2.8430 2.6955 | 2.6163 | 2.4389 | 2.6344 | 2.6310 | Ave | | 2.6432 | | | | 4.9 | | 20.0 | | | |
| 4-Chlorotoluene | 2.4222 2.4703 | 2.2396 | 2.0653 | 2.2290 | 2.2673 | Ave | | 2.2823 | | | | 6.4 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | 2.4115 2.4889 | 2.1320 | 2.0743 | 2.2522 | 2.2551 | Ave | | 2.2690 | | | | 7.0 | | 20.0 | | | |
| Butyl Methacrylate | 0.8154 0.7934 | 0.7080 | 0.6897 | 0.7546 | 0.7515 | Ave | | 0.7521 | | | | 6.4 | | 20.0 | | | |
| tert-Butylbenzene | 1.9253 2.0396 | 1.7759 | 1.7299 | 1.8727 | 1.8369 | Ave | | 1.8634 | | | | 5.9 | | 20.0 | | | |
| 1,2,4-Trimethylbenzene | 2.5439 2.5456 | 2.2803 | 2.1464 | 2.3138 | 2.3043 | Ave | | 2.3557 | | | | 6.7 | | 20.0 | | | |
| sec-Butylbenzene | 2.9347 3.0830 | 2.7507 | 2.7045 | 2.9458 | 2.8459 | Ave | | 2.8774 | | | | 4.8 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,3-Dichlorobenzene | 1.2382 1.2541 | 1.2273 | 1.1115 | 1.1868 | 1.1690 | Ave | | 1.1978 | | | 0.6000 | 4.4 | | 20.0 | | | |
| 4-Isopropyltoluene | 2.5617 2.7133 | 2.4005 | 2.3160 | 2.4925 | 2.4226 | Ave | | 2.4844 | | | | 5.6 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 1.3324 1.2703 | 1.2147 | 1.1286 | 1.1950 | 1.1825 | Ave | | 1.2206 | | | 0.5000 | 5.9 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | 2.4125 2.5197 | 2.3682 | 2.1908 | 2.3701 | 2.4246 | Ave | | 2.3810 | | | | 4.5 | | 20.0 | | | |
| Benzyl chloride | 0.2865 0.2501 | 0.2317 | 0.2305 | 0.2339 | 0.2316 | Ave | | 0.2441 | | | | 9.0 | | 20.0 | | | |
| Indan | 0.9339 0.9612 | 0.9175 | 0.8668 | 0.9171 | 0.9334 | Ave | | 0.9216 | | | | 3.4 | | 20.0 | | | |
| p-Diethylbenzene | 1.4796 1.5664 | 1.4905 | 1.4343 | 1.5511 | 1.5253 | Ave | | 1.5079 | | | | 3.3 | | 20.0 | | | |
| 1,2-Dichlorobenzene | 1.1967 1.1725 | 1.1333 | 1.0506 | 1.1184 | 1.1022 | Ave | | 1.1289 | | | 0.4000 | 4.6 | | 20.0 | | | |
| n-Butylbenzene | 1.3887 1.5475 | 1.3578 | 1.2851 | 1.4088 | 1.3806 | Ave | | 1.3948 | | | | 6.2 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | 2.4038 2.4101 | 2.2846 | 2.1862 | 2.3605 | 2.3173 | Ave | | 2.3271 | | | | 3.6 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.1361 0.1366 | 0.1294 | 0.1142 | 0.1202 | 0.1147 | Ave | | 0.1252 | | | 0.0500 | 8.2 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | 1.1052 0.9519 | 0.9773 | 0.8911 | 0.9646 | 0.9371 | Ave | | 0.9712 | | | | 7.4 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 1.1864 0.9049 | 0.9038 | 0.8045 | 0.8608 | 0.8173 | Ave | | 0.9130 | | | 0.2000 | 15.4 | | 20.0 | | | |
| Hexachlorobutadiene | 0.4586 0.5137 | 0.4607 | 0.4379 | 0.4705 | 0.4417 | Ave | | 0.4638 | | | | 5.9 | | 20.0 | | | |
| Naphthalene | 2.3297 2.0370 | 1.9009 | 1.7232 | 1.7867 | 1.7722 | Ave | | 1.9250 | | | | 11.8 | | 20.0 | | | |
| 1,2,3-Trichlorobenzene | 0.9631 0.8449 | 0.8318 | 0.7325 | 0.7666 | 0.7517 | Ave | | 0.8151 | | | | 10.5 | | 20.0 | | | |
| Dibromofluoromethane (Surr) | 0.2754 0.2882 | 0.2758 | 0.2948 | 0.2985 | 0.3003 | Ave | | 0.2888 | | | | 3.8 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.3228 0.3425 | 0.3264 | 0.3489 | 0.3484 | 0.3541 | Ave | | 0.3405 | | | | 3.8 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Toluene-d8 (Surr) | 1.5267 1.5720 | 1.5162 | 1.6035 | 1.6065 | 1.6677 | Ave | | 1.582 1 | | | | 3.6 | | 20.0 | | | |
| 4-Bromofluorobenzene | 0.7911 0.7808 | 0.7769 | 0.8380 | 0.8332 | 0.8168 | Ave | | 0.806 1 | | | | 3.3 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 | Calibration End Date: 11/16/2023 22:39 | Calibration ID: 95080

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-945184/3 | B10143.D |
| Level 2 | STD5 460-945184/4 | B10144.D |
| Level 3 | STD20 460-945184/5 | B10145.D |
| Level 4 | STD50 460-945184/6 | B10146.D |
| Level 5 | STD200 460-945184/7 | B10147.D |
| Level 6 | STD500 460-945184/8 | B10148.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Dichlorodifluoromethane | FB | QuaF | 3315<br>2570584 | 12545 | 69641 | 176907 | 947320 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorodifluoromethane | FB | QuaF | 1003<br>345070 | 4406 | 16553 | 32517 | 148294 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chloromethane | FB | Ave | 4068<br>2798096 | 20508 | 86928 | 233114 | 1029070 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Butadiene | FB | Ave | 2898<br>2187656 | 14664 | 70191 | 188505 | 755833 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Vinyl chloride | FB | Ave | 4721<br>2467406 | 19041 | 80554 | 211863 | 904088 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromomethane | FB | Ave | 2452<br>1296045 | 12212 | 46955 | 120031 | 530313 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chloroethane | FB | Ave | 1903<br>1320463 | 12173 | 45487 | 123703 | 506183 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorofluoromethane | FB | QuaF | 3992<br>3459942 | 17011 | 76494 | 234660 | 1184996 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Trichlorofluoromethane | FB | Ave | 3130<br>2453722 | 12742 | 65166 | 183762 | 844270 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Pentane | FB | Ave | 9034<br>6773257 | 39677 | 244347 | 621154 | 2664298 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Ethanol | TBAd9 | Ave | +++++<br>466096 | 3891 | 16115 | 43519 | 155543 | +++++<br>20000 | 200 | 800 | 2000 | 8000 |
| Ethyl ether | FB | Ave | 3579<br>1490443 | 12826 | 50041 | 128169 | 535458 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Methyl-1,3-butadiene | FB | Ave | 2011<br>1806546 | 14456 | 64971 | 165515 | 729911 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | 2757<br>1334983 | 10294 | 52989 | 105452 | 559467 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | 3609<br>2469843 | 19204 | 98941 | 181128 | 1018836 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acrolein | TBAd9 | Ave | 41937<br>356444 | 91215 | 144308 | 188381 | 245610 | 100<br>600 | 200 | 300 | 400 | 500 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 | Calibration End Date: 11/16/2023 22:39 | Calibration ID: 95080

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 1,1-Dichloroethene | FB | Ave | 1725<br>1558363 | 11467 | 51728 | 139943 | 582986 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | 2613<br>1699132 | 10910 | 59599 | 158720 | 635466 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acetone | BUT | Ave | 5598<br>3665998 | 19779 | 86609 | 227160 | 1103657 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Iodomethane | FB | Ave | 4815<br>2754439 | 22049 | 89318 | 240215 | 1040643 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Carbon disulfide | FB | Ave | 8049<br>5966807 | 38737 | 175056 | 465494 | 2195491 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl alcohol | TBAd9 | Ave | 2280<br>1467336 | 8461 | 40742 | 120463 | 477363 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| 3-Chloro-1-propene | FB | Ave | 4278<br>2761457 | 22560 | 92029 | 234980 | 1015981 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methyl acetate | FB | Ave | 4409<br>2640246 | 19842 | 81970 | 209801 | 859781 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Acetonitrile | TBAd9 | Ave | 1598<br>1238627 | 7471 | 40417 | 103508 | 480076 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Methylene Chloride | FB | Ave | 3315<br>1856131 | 15497 | 60936 | 162357 | 694126 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Methyl-2-propanol | TBAd9 | Ave | 3634<br>2344148 | 20961 | 79013 | 193185 | 776887 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Acrylonitrile | TBAd9 | Ave | 10144<br>5885760 | 49197 | 188191 | 476177 | 1998212 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| trans-1,2-Dichloroethene | FB | Ave | 2707<br>1765819 | 14211 | 57996 | 153624 | 668293 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methyl tert-butyl ether | FB | Ave | 8577<br>4750987 | 40177 | 154881 | 402250 | 1718095 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Hexane | FB | Ave | 5487<br>3046464 | 17465 | 97789 | 255970 | 1097238 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1-Dichloroethane | FB | Ave | 6884<br>3541713 | 29721 | 116989 | 306940 | 1322633 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Vinyl acetate | BUT | Ave | 1168<br>565110 | 5206 | 19395 | 52643 | 221820 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| 2-Chloro-1,3-butadiene | FB | Ave | 2712<br>1629602 | 12810 | 55872 | 147517 | 648494 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl ether | FB | Ave | 10986<br>6501217 | 52666 | 216214 | 575412 | 2509083 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tert-butyl ethyl ether | FB | Ave | 3906<br>1798831 | 17886 | 68225 | 177170 | 719408 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 Calibration End Date: 11/16/2023 22:39 Calibration ID: 95080

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| cis-1,2-Dichloroethene | FB | Ave | 3048<br>1939938 | 16112 | 64937 | 168248 | 726170 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2,2-Dichloropropane | FB | Ave | 1586<br>873555 | 7702 | 31669 | 80133 | 330736 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Butanone (MEK) | BUT | Ave | 2089<br>1064093 | 8995 | 32925 | 78481 | 347320 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Propionitrile | BUT | Ave | 3978<br>2229487 | 19077 | 73438 | 185325 | 783307 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Ethyl acetate | BUT | Ave | 6581<br>3473992 | 32270 | 122182 | 303168 | 1271045 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Methyl acrylate | FB | Ave | 2818<br>1825771 | 15744 | 59175 | 157095 | 654903 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorobromomethane | FB | Ave | 1544<br>841455 | 7315 | 28105 | 73725 | 310750 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methacrylonitrile | FB | Ave | 11555<br>6545198 | 52955 | 210830 | 539655 | 2336044 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Tetrahydrofuran | BUT | Ave | 2111<br>1137017 | 9484 | 36738 | 93971 | 390127 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Chloroform | FB | Ave | 5226<br>3310976 | 27167 | 105305 | 285353 | 1226996 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1-Trichloroethane | FB | Ave | 5875<br>2747518 | 20613 | 94099 | 250409 | 1045777 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Cyclohexane | FB | Ave | 4468<br>2822457 | 17284 | 91975 | 250981 | 1045157 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1-Dichloropropene | FB | Ave | 4701<br>2628571 | 19389 | 84601 | 224927 | 987296 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Carbon tetrachloride | FB | Ave | 4473<br>2385326 | 18492 | 78283 | 211429 | 902159 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Benzene | CBNZd5 | Ave | 13132<br>7435794 | 58104 | 238390 | 636629 | 2761269 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isobutyl alcohol | TBAd9 | Ave | 2061<br>1586834 | 13507 | 49041 | 128595 | 505121 | 25.0<br>12500 | 125 | 500 | 1250 | 5000 |
| 1,2-Dichloroethane | FB | Ave | 5074<br>2504790 | 20319 | 78673 | 210242 | 895179 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl acetate | FB | Ave | 1159<br>647799 | 5405 | 21318 | 55341 | 231678 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tert-amyl methyl ether | FB | Ave | 8919<br>4452538 | 43799 | 171571 | 442396 | 1746767 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Heptane | FB | Ave | 5997<br>3416697 | 22137 | 106547 | 284068 | 1201567 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 | Calibration End Date: 11/16/2023 22:39 | Calibration ID: 95080

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Trichloroethene | FB | Ave | 3254<br>1871223 | 15022 | 59853 | 159381 | 696445 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butanol | TBAd9 | Ave | +++++<br>861932 | 4881 | 28011 | 63895 | 281900 | +++++<br>12500 | 125 | 500 | 1250 | 5000 |
| Ethyl acrylate | FB | Ave | 7725<br>5126428 | 33564 | 162554 | 428537 | 1820786 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methylcyclohexane | FB | Ave | 5562<br>3476342 | 20363 | 109984 | 295059 | 1246381 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloropropane | FB | Ave | 3547<br>2044418 | 16381 | 64953 | 175972 | 746748 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dibromomethane | FB | Ave | 2337<br>1035619 | 8858 | 32985 | 85715 | 372014 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,4-Dioxane | DXE | Ave | 642<br>373662 | 2921 | 12488 | 31215 | 124007 | 20.0<br>10000 | 100 | 400 | 1000 | 4000 |
| Methyl methacrylate | FB | Ave | 1788<br>807471 | 7075 | 28358 | 69572 | 298386 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| n-Propyl acetate | FB | Ave | 4366<br>2533454 | 21795 | 84746 | 215763 | 901340 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorobromomethane | FB | Ave | 3960<br>2510186 | 18924 | 77465 | 208415 | 904690 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Nitropropane | FB | Ave | 1621<br>905788 | 8520 | 32460 | 78897 | 328542 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| 2-Chloroethyl vinyl ether | FB | Ave | 1091<br>536865 | 4156 | 19446 | 39999 | 179995 | 1.00<br>501 | 5.01 | 20.0 | 50.1 | 200 |
| Epichlorohydrin | BUT | Ave | 5284<br>3380926 | 26743 | 109654 | 275352 | 1116852 | 20.0<br>10000 | 100 | 400 | 1000 | 4000 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | 5194<br>3132025 | 25447 | 99322 | 263858 | 1134533 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Methyl-2-pentanone (MIBK) | BUT | Ave | 14595<br>9309100 | 74198 | 291265 | 736525 | 3094060 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Toluene | CBNZd5 | Ave | 15152<br>7738893 | 62288 | 256531 | 679153 | 2892089 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | 4588<br>2782985 | 22186 | 89247 | 231335 | 990635 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethyl methacrylate | FB | Ave | 3841<br>2340310 | 19791 | 75882 | 190960 | 821271 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | 2167<br>1255009 | 10196 | 41833 | 105102 | 446625 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 | Calibration End Date: 11/16/2023 22:39 | Calibration ID: 95080

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Tetrachloroethene | CBNZd5 | Ave | 3200<br>1714865 | 13846 | 58205 | 153889 | 645104 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3-Dichloropropane | CBNZd5 | Ave | 4688<br>2606894 | 20788 | 84555 | 220830 | 932631 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Hexanone | BUT | Ave | 12134<br>6713201 | 52435 | 206899 | 510337 | 2173232 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Chlorodibromomethane | CBNZd5 | Ave | 2716<br>1673114 | 12946 | 50591 | 134910 | 591409 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethylene Dibromide | CBNZd5 | Ave | 2828<br>1437680 | 12541 | 45875 | 121287 | 511804 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butyl acetate | CBNZd5 | Ave | 5060<br>2867106 | 24534 | 97848 | 241790 | 1011465 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorobenzene | CBNZd5 | Ave | 7901<br>4710958 | 38263 | 159418 | 419154 | 1771860 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1,2-Tetrachloroethane | CBNZd5 | Ave | 2957<br>1744415 | 13159 | 54878 | 146647 | 642358 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethylbenzene | CBNZd5 | Ave | 4789<br>2666245 | 21456 | 88571 | 232471 | 986809 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| m-Xylene & p-Xylene | CBNZd5 | Ave | 5801<br>3270414 | 26655 | 107938 | 289149 | 1221716 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| o-Xylene | CBNZd5 | Ave | 5353<br>3226794 | 26461 | 107072 | 284482 | 1210228 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Styrene | CBNZd5 | Ave | 9469<br>5541759 | 42061 | 177135 | 475011 | 2057861 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butyl acrylate | CBNZd5 | Ave | 2232<br>1432461 | 10467 | 45120 | 121338 | 519816 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromoform | CBNZd5 | Ave | 1791<br>1109190 | 8377 | 33036 | 87137 | 387010 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Amyl acetate (mixed isomers) | DCBd4 | Ave | 7241<br>3383155 | 29126 | 109677 | 282035 | 1229182 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36 | Calibration End Date: 11/16/2023 22:39 | Calibration ID: 95080

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Isopropylbenzene | CBNZd5 | Ave | 13536<br>8573238 | 65630 | 276452 | 740988 | 3124314 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromobenzene | DCBd4 | Ave | 3340<br>1946263 | 16200 | 65986 | 170151 | 728985 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,2,2-Tetrachloroethane | DCBd4 | Ave | 3255<br>2020377 | 16319 | 65233 | 168233 | 709193 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trichloropropane | DCBd4 | Ave | 928<br>523827 | 4814 | 17820 | 43971 | 181786 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,4-Dichloro-2-butene | DCBd4 | Ave | 1020<br>673383 | 5262 | 21182 | 53605 | 231898 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| N-Propylbenzene | DCBd4 | Ave | 4247<br>2246311 | 18431 | 77862 | 206014 | 852931 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Chlorotoluene | DCBd4 | Ave | 3424<br>1990119 | 16570 | 67379 | 176628 | 742430 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Ethyltoluene | DCBd4 | Ave | 14390<br>8307712 | 69141 | 280178 | 752717 | 3234304 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Chlorotoluene | DCBd4 | Ave | 12260<br>7613665 | 59185 | 237261 | 636899 | 2787243 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3,5-Trimethylbenzene | DCBd4 | Ave | 12206<br>7670897 | 56341 | 238298 | 643512 | 2772237 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Butyl Methacrylate | DCBd4 | Ave | 4127<br>2445393 | 18711 | 79229 | 215599 | 923865 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| tert-Butylbenzene | DCBd4 | Ave | 9745<br>6286262 | 46930 | 198736 | 535074 | 2258034 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4-Trimethylbenzene | DCBd4 | Ave | 12876<br>7845725 | 60262 | 246578 | 661129 | 2832690 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| sec-Butylbenzene | DCBd4 | Ave | 14854<br>9502202 | 72691 | 310695 | 841700 | 3498459 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | 6267<br>3865360 | 32433 | 127689 | 339105 | 1437100 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Isopropyltoluene | DCBd4 | Ave | 12966<br>8362515 | 63438 | 266061 | 712179 | 2978146 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | 6744<br>3915319 | 32100 | 129659 | 341457 | 1453668 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trimethylbenzene | DCBd4 | Ave | 12211<br>7765937 | 62585 | 251676 | 677214 | 2980570 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Benzyl chloride | DCBd4 | Ave | 1450<br>770902 | 6123 | 26483 | 66834 | 284752 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Indan | FB | Ave | 11297<br>6743086 | 55723 | 226902 | 605452 | 2601628 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison  Job No.: 460-294432-1  Analy Batch No.: 945184

SDG No.:

Instrument ID: CVOAMS2  GC Column: DB-624  ID: 0.18(mm)  Heated Purge: (Y/N) Y

Calibration Start Date: 11/16/2023 20:36  Calibration End Date: 11/16/2023 22:39  Calibration ID: 95080

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| p-Diethylbenzene | DCBd4 | Ave | 7489<br>4827623 | 39388 | 164775 | 443180 | 1875099 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | 6057<br>3613739 | 29949 | 120692 | 319572 | 1354922 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butylbenzene | DCBd4 | Ave | 7029<br>4769522 | 35883 | 147638 | 402537 | 1697116 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4,5-Tetramethylbenzene | DCBd4 | Ave | 12167<br>7428006 | 60374 | 251147 | 674467 | 2848696 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dibromo-3-Chloropropane | DCBd4 | Ave | 689<br>420973 | 3419 | 13118 | 34346 | 140949 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3,5-Trichlorobenzene | DCBd4 | Ave | 5594<br>2933765 | 25828 | 102364 | 275621 | 1151993 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4-Trichlorobenzene | DCBd4 | Ave | 6005<br>2788948 | 23884 | 92420 | 245957 | 1004751 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Hexachlorobutadiene | DCBd4 | Ave | 2321<br>1583221 | 12174 | 50306 | 134446 | 543014 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Naphthalene | DCBd4 | Ave | 11792<br>6278350 | 50235 | 197960 | 510513 | 2178523 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trichlorobenzene | DCBd4 | Ave | 4875<br>2603954 | 21982 | 84145 | 219038 | 924092 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dibromofluoromethane (Surr) | FB | Ave | 166564<br>202190 | 167479 | 192907 | 197067 | 209253 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 195253<br>240240 | 198202 | 228338 | 229987 | 246743 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZd5 | Ave | 724804<br>867491 | 736153 | 852570 | 853055 | 903897 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 4-Bromofluorobenzene | DCBd4 | Ave | 200210<br>240659 | 205303 | 240681 | 238065 | 251020 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

Curve Type Legend:
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 16-Nov-2023 20:36:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0169014-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub22

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Nov-2023 11:47:56 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: PUV6 Date: 16-Nov-2023 21:03:57

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.892 | 0.904 | -0.012 | 40 | 3315 | 1.00 | 0.8763 | M |
| 4 Chlorodifluoromethane | 67 | 0.923 | 0.910 | 0.013 | 96 | 1003 | 1.00 | 1.50 | Ma |
| 5 Chloromethane | 50 | 0.984 | 1.002 | -0.018 | 97 | 4068 | 1.00 | 0.9485 | M |
| 6 Butadiene | 54 | 1.075 | 1.075 | 0.000 | 91 | 2898 | 1.00 | 0.8886 | M |
| 7 Vinyl chloride | 62 | 1.075 | 1.075 | 0.000 | 94 | 4721 | 1.00 | 1.17 | |
| 8 Bromomethane | 94 | 1.258 | 1.264 | -0.006 | 33 | 2452 | 1.00 | 1.07 | Ma |
| 9 Chloroethane | 64 | 1.325 | 1.319 | 0.006 | 38 | 1903 | 1.00 | 0.8670 | Ma |
| 10 Dichlorofluoromethane | 67 | 1.447 | 1.453 | -0.006 | 38 | 3992 | 1.00 | 0.8852 | M |
| 11 Trichlorofluoromethane | 101 | 1.465 | 1.483 | -0.018 | 26 | 3130 | 1.00 | 0.9418 | M |
| 12 Pentane | 43 | 1.526 | 1.526 | 0.000 | 74 | 9034 | 2.00 | 1.72 | Ma |
| 13 Ethyl ether | 59 | 1.672 | 1.666 | 0.006 | 48 | 3579 | 1.00 | 1.37 | M |
| 15 2-Methyl-1,3-butadiene | 53 | 1.679 | 1.679 | 0.000 | 57 | 2011 | 1.00 | 0.7012 | M |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.697 | 1.703 | -0.006 | 76 | 2757 | 1.00 | 1.19 | Ma |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.733 | 1.733 | 0.000 | 43 | 3609 | 1.00 | 0.9020 | |
| 18 Acrolein | 56 | 1.752 | 1.752 | 0.000 | 96 | 41937 | 100.0 | 93.1 | |
| 19 1,1-Dichloroethene | 96 | 1.807 | 1.813 | -0.006 | 88 | 1725 | 1.00 | 0.7299 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.837 | 1.837 | 0.000 | 28 | 2613 | 1.00 | 0.9716 | M |
| 21 Acetone | 43 | 1.855 | 1.861 | -0.006 | 62 | 5598 | 5.00 | 5.96 | a |
| 22 Iodomethane | 142 | 1.904 | 1.910 | -0.006 | 97 | 4815 | 1.00 | 1.07 | |
| 23 Carbon disulfide | 76 | 1.953 | 1.953 | 0.000 | 95 | 8049 | 1.00 | 0.9252 | |
| 24 Isopropyl alcohol | 45 | 2.008 | 1.989 | 0.019 | 23 | 2280 | 10.0 | 10.7 | M |
| 25 3-Chloro-1-propene | 39 | 2.063 | 2.063 | 0.000 | 76 | 4278 | 1.00 | 0.9686 | |
| 26 Methyl acetate | 43 | 2.105 | 2.099 | 0.006 | 76 | 4409 | 2.00 | 2.18 | |
| 27 Acetonitrile | 39 | 2.117 | 2.124 | -0.007 | 50 | 1598 | 10.0 | 8.59 | |
| 28 Methylene Chloride | 84 | 2.154 | 2.154 | 0.000 | 92 | 3315 | 1.00 | 1.08 | M |
| * 29 TBA-d9 (IS) | 65 | 2.227 | 2.227 | 0.000 | 0 | 331574 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.300 | 2.294 | 0.006 | 31 | 3634 | 10.0 | 9.69 | a |
| 31 Acrylonitrile | 53 | 2.343 | 2.343 | 0.000 | 98 | 10144 | 10.0 | 10.8 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.349 | 2.361 | -0.012 | 92 | 2707 | 1.00 | 0.9567 | |
| 33 Methyl tert-butyl ether | 73 | 2.374 | 2.374 | 0.000 | 59 | 8577 | 1.00 | 1.10 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Hexane | 57 | 2.581 | 2.581 | 0.000 | 79 | 5487 | 1.00 | 1.17 | |
| 35 1,1-Dichloroethane | 63 | 2.691 | 2.691 | 0.000 | 96 | 6884 | 1.00 | 1.16 | |
| 36 Vinyl acetate | 86 | 2.733 | 2.745 | -0.012 | 99 | 1168 | 2.00 | 2.38 | a |
| 37 2-Chloro-1,3-butadiene | 88 | 2.758 | 2.758 | 0.000 | 71 | 2712 | 1.00 | 1.01 | |
| 38 Isopropyl ether | 45 | 2.776 | 2.776 | 0.000 | 72 | 10986 | 1.00 | 1.03 | |
| 39 Tert-butyl ethyl ether | 87 | 3.075 | 3.081 | -0.006 | 88 | 3906 | 1.00 | 1.17 | |
| * 40 2-Butanone-d5 | 46 | 3.154 | 3.154 | 0.000 | 0 | 311191 | 250.0 | 250.0 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.178 | 3.178 | 0.000 | 76 | 3048 | 1.00 | 0.9708 | |
| 42 2,2-Dichloropropane | 79 | 3.172 | 3.184 | -0.012 | 60 | 1586 | 1.00 | 1.06 | M |
| 43 2-Butanone (MEK) | 72 | 3.190 | 3.215 | -0.025 | 50 | 2089 | 5.00 | 6.28 | |
| 44 Propionitrile | 54 | 3.264 | 3.258 | 0.006 | 30 | 3978 | 10.0 | 11.2 | M |
| 45 Ethyl acetate | 43 | 3.282 | 3.276 | 0.006 | 85 | 6581 | 2.00 | 2.25 | |
| 62 Methyl acrylate | 55 | 3.294 | 3.300 | -0.006 | 54 | 2818 | 1.00 | 0.9630 | a |
| 46 Chlorobromomethane | 128 | 3.379 | 3.386 | -0.007 | 49 | 1544 | 1.00 | 1.10 | |
| 47 Methacrylonitrile | 67 | 3.392 | 3.386 | 0.006 | 94 | 11555 | 10.0 | 11.0 | |
| 48 Tetrahydrofuran | 42 | 3.471 | 3.453 | 0.018 | 39 | 2111 | 2.00 | 2.33 | Ma |
| 49 Chloroform | 83 | 3.471 | 3.477 | -0.006 | 94 | 5226 | 1.00 | 0.9871 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.617 | 3.623 | -0.006 | 95 | 166564 | 50.0 | 47.7 | |
| 51 1,1,1-Trichloroethane | 97 | 3.629 | 3.635 | -0.006 | 96 | 5875 | 1.00 | 1.25 | |
| 52 Cyclohexane | 84 | 3.678 | 3.690 | -0.012 | 90 | 4468 | 1.00 | 1.02 | |
| 54 1,1-Dichloropropene | 75 | 3.794 | 3.788 | 0.006 | 91 | 4701 | 1.00 | 1.11 | a |
| 53 Carbon tetrachloride | 117 | 3.782 | 3.794 | -0.012 | 72 | 4473 | 1.00 | 1.13 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.934 | 3.934 | 0.000 | 0 | 195253 | 50.0 | 47.4 | |
| 56 Benzene | 78 | 3.983 | 3.989 | -0.006 | 97 | 13132 | 1.00 | 1.10 | |
| 58 Isobutyl alcohol | 42 | 4.001 | 4.001 | 0.000 | 68 | 2061 | 25.0 | 21.5 | |
| 57 1,2-Dichloroethane | 62 | 4.007 | 4.013 | -0.006 | 95 | 5074 | 1.00 | 1.23 | |
| 73 Isopropyl acetate | 61 | 4.135 | 4.141 | -0.006 | 92 | 1159 | 1.00 | 1.09 | |
| 59 Tert-amyl methyl ether | 73 | 4.141 | 4.148 | -0.007 | 87 | 8919 | 1.00 | 1.09 | |
| * 60 Fluorobenzene | 96 | 4.282 | 4.282 | 0.000 | 98 | 604842 | 50.0 | 50.0 | |
| 61 n-Heptane | 43 | 4.312 | 4.312 | 0.000 | 36 | 5997 | 1.00 | 1.14 | Ma |
| 63 Trichloroethene | 95 | 4.678 | 4.678 | 0.000 | 88 | 3254 | 1.00 | 1.07 | |
| 66 Ethyl acrylate | 55 | 4.861 | 4.873 | -0.012 | 95 | 7725 | 1.00 | 1.00 | M |
| 65 Methylcyclohexane | 83 | 4.885 | 4.885 | 0.000 | 84 | 5562 | 1.00 | 1.06 | |
| 67 1,2-Dichloropropane | 63 | 4.922 | 4.922 | 0.000 | 90 | 3547 | 1.00 | 1.07 | |
| 68 Dibromomethane | 93 | 5.050 | 5.044 | 0.006 | 89 | 2337 | 1.00 | 1.32 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.062 | 5.056 | 0.006 | 0 | 26454 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.160 | 5.117 | 0.043 | 27 | 642 | 20.0 | 23.5 | a |
| 71 Methyl methacrylate | 100 | 5.129 | 5.123 | 0.006 | 88 | 1788 | 2.00 | 2.53 | |
| 81 n-Propyl acetate | 43 | 5.227 | 5.221 | 0.006 | 28 | 4366 | 1.00 | 1.05 | M |
| 72 Dichlorobromomethane | 83 | 5.257 | 5.257 | 0.000 | 97 | 3960 | 1.00 | 1.02 | |
| 74 2-Nitropropane | 41 | 5.538 | 5.544 | -0.006 | 71 | 1621 | 2.00 | 2.10 | M |
| 75 2-Chloroethyl vinyl ether | 63 | 5.672 | 5.672 | 0.000 | 49 | 1091 | 1.00 | 1.25 | M |
| 76 Epichlorohydrin | 57 | 5.708 | 5.714 | -0.006 | 94 | 5284 | 20.0 | 20.6 | M |
| 77 cis-1,3-Dichloropropene | 75 | 5.806 | 5.812 | -0.006 | 96 | 5194 | 1.00 | 1.05 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.062 | 6.056 | 0.006 | 96 | 14595 | 5.00 | 5.21 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.135 | 6.141 | -0.006 | 99 | 724804 | 50.0 | 48.2 | |
| 80 Toluene | 91 | 6.220 | 6.220 | 0.000 | 92 | 15152 | 1.00 | 1.18 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.556 | 6.556 | 0.000 | 95 | 4588 | 1.00 | 1.05 | |
| 84 Ethyl methacrylate | 69 | 6.745 | 6.751 | -0.006 | 87 | 3841 | 1.00 | 1.03 | |
| 83 1,1,2-Trichloroethane | 83 | 6.775 | 6.781 | -0.006 | 93 | 2167 | 1.00 | 1.08 | |
| 85 Tetrachloroethene | 166 | 6.921 | 6.928 | -0.007 | 93 | 3200 | 1.00 | 1.13 | |
| 86 1,3-Dichloropropane | 76 | 6.976 | 6.976 | 0.000 | 95 | 4688 | 1.00 | 1.12 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 2-Hexanone | 43 | 7.141 | 7.141 | 0.000 | 95 | 12134 | 5.00 | 5.94 | |
| 88 Chlorodibromomethane | 129 | 7.226 | 7.226 | 0.000 | 95 | 2716 | 1.00 | 1.06 | |
| 89 Ethylene Dibromide | 107 | 7.324 | 7.324 | 0.000 | 68 | 2828 | 1.00 | 1.19 | |
| 90 n-Butyl acetate | 43 | 7.330 | 7.330 | 0.000 | 95 | 5060 | 1.00 | 1.09 | Ma |
| * 91 Chlorobenzene-d5 | 117 | 7.824 | 7.824 | 0.000 | 88 | 474766 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.854 | 7.854 | 0.000 | 95 | 7901 | 1.00 | 1.03 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.952 | 7.952 | 0.000 | 92 | 2957 | 1.00 | 1.08 | |
| 94 Ethylbenzene | 106 | 7.982 | 7.988 | -0.006 | 99 | 4789 | 1.00 | 1.10 | |
| 95 m-Xylene & p-Xylene | 106 | 8.104 | 8.104 | 0.000 | 0 | 5801 | 1.00 | 1.09 | |
| 96 o-Xylene | 106 | 8.452 | 8.452 | 0.000 | 93 | 5353 | 1.00 | 1.03 | |
| 97 Styrene | 104 | 8.470 | 8.470 | 0.000 | 95 | 9469 | 1.00 | 1.08 | |
| 98 n-Butyl acrylate | 73 | 8.488 | 8.488 | 0.000 | 98 | 2232 | 1.00 | 1.01 | |
| 99 Bromoform | 173 | 8.604 | 8.604 | 0.000 | 91 | 1791 | 1.00 | 1.07 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.695 | 8.695 | 0.000 | 88 | 7241 | 1.00 | 1.31 | |
| 102 Isopropylbenzene | 105 | 8.781 | 8.781 | 0.000 | 97 | 13536 | 1.00 | 1.01 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.891 | 8.891 | 0.000 | 85 | 200210 | 50.0 | 49.1 | |
| 104 Bromobenzene | 156 | 9.000 | 8.994 | 0.006 | 94 | 3340 | 1.00 | 1.08 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.037 | 9.037 | 0.000 | 95 | 3255 | 1.00 | 1.06 | |
| 105 1,2,3-Trichloropropane | 110 | 9.055 | 9.055 | 0.000 | 94 | 928 | 1.00 | 1.11 | M |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.086 | 9.086 | 0.000 | 79 | 1020 | 1.00 | 1.02 | a |
| 108 N-Propylbenzene | 120 | 9.116 | 9.116 | 0.000 | 99 | 4247 | 1.00 | 1.16 | |
| 109 2-Chlorotoluene | 126 | 9.165 | 9.165 | 0.000 | 97 | 3424 | 1.00 | 1.08 | |
| 110 4-Ethyltoluene | 105 | 9.214 | 9.214 | 0.000 | 98 | 14390 | 1.00 | 1.08 | |
| 111 4-Chlorotoluene | 91 | 9.256 | 9.256 | 0.000 | 98 | 12260 | 1.00 | 1.06 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.262 | 9.262 | 0.000 | 91 | 12206 | 1.00 | 1.06 | |
| 100 Butyl Methacrylate | 87 | 9.372 | 9.372 | 0.000 | 91 | 4127 | 1.00 | 1.08 | |
| 113 tert-Butylbenzene | 119 | 9.506 | 9.512 | -0.006 | 93 | 9745 | 1.00 | 1.03 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.543 | 9.549 | -0.006 | 98 | 12876 | 1.00 | 1.08 | |
| 115 sec-Butylbenzene | 105 | 9.677 | 9.677 | 0.000 | 99 | 14854 | 1.00 | 1.02 | |
| 116 1,3-Dichlorobenzene | 146 | 9.738 | 9.738 | 0.000 | 93 | 6267 | 1.00 | 1.03 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.787 | 9.787 | 0.000 | 98 | 253078 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.793 | 9.793 | 0.000 | 80 | 12966 | 1.00 | 1.03 | |
| 118 1,4-Dichlorobenzene | 146 | 9.805 | 9.805 | 0.000 | 94 | 6744 | 1.00 | 1.09 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.854 | 9.854 | 0.000 | 99 | 12211 | 1.00 | 1.01 | |
| 121 Benzyl chloride | 126 | 9.909 | 9.909 | 0.000 | 98 | 1450 | 1.00 | 1.17 | |
| 122 2,3-Dihydroindene | 117 | 9.988 | 9.988 | 0.000 | 93 | 11297 | 1.00 | 1.01 | |
| 124 p-Diethylbenzene | 119 | 10.067 | 10.067 | 0.000 | 90 | 7489 | 1.00 | 0.9813 | |
| 123 1,2-Dichlorobenzene | 146 | 10.073 | 10.073 | 0.000 | 87 | 6057 | 1.00 | 1.06 | |
| 125 n-Butylbenzene | 92 | 10.085 | 10.085 | 0.000 | 97 | 7029 | 1.00 | 1.00 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.610 | 10.610 | 0.000 | 98 | 12167 | 1.00 | 1.03 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.622 | 10.622 | 0.000 | 42 | 689 | 1.00 | 1.09 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.768 | 10.768 | 0.000 | 95 | 5594 | 1.00 | 1.14 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.183 | 11.183 | 0.000 | 90 | 6005 | 1.00 | 1.30 | |
| 130 Hexachlorobutadiene | 225 | 11.311 | 11.311 | 0.000 | 90 | 2321 | 1.00 | 0.9886 | |
| 131 Naphthalene | 128 | 11.347 | 11.347 | 0.000 | 99 | 11792 | 1.00 | 1.21 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.524 | 11.524 | 0.000 | 92 | 4875 | 1.00 | 1.18 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 1.93 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 2.00 | 2.10 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 2.00 | 2.12 | |
| S 136 Total BTEX | 1 | | | | 0 | | 5.00 | 5.51 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00557 | Amount Added: | 1.00 | Units: uL | |
| 524FREONS_00010 | Amount Added: | 1.00 | Units: uL | |
| 8260MIX1COMB_00179 | Amount Added: | 1.00 | Units: uL | |
| EthyhexAcr_Li_00005 | Amount Added: | 1.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 10.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Nov-2023 11:47:57 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D

Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2 Operator ID:

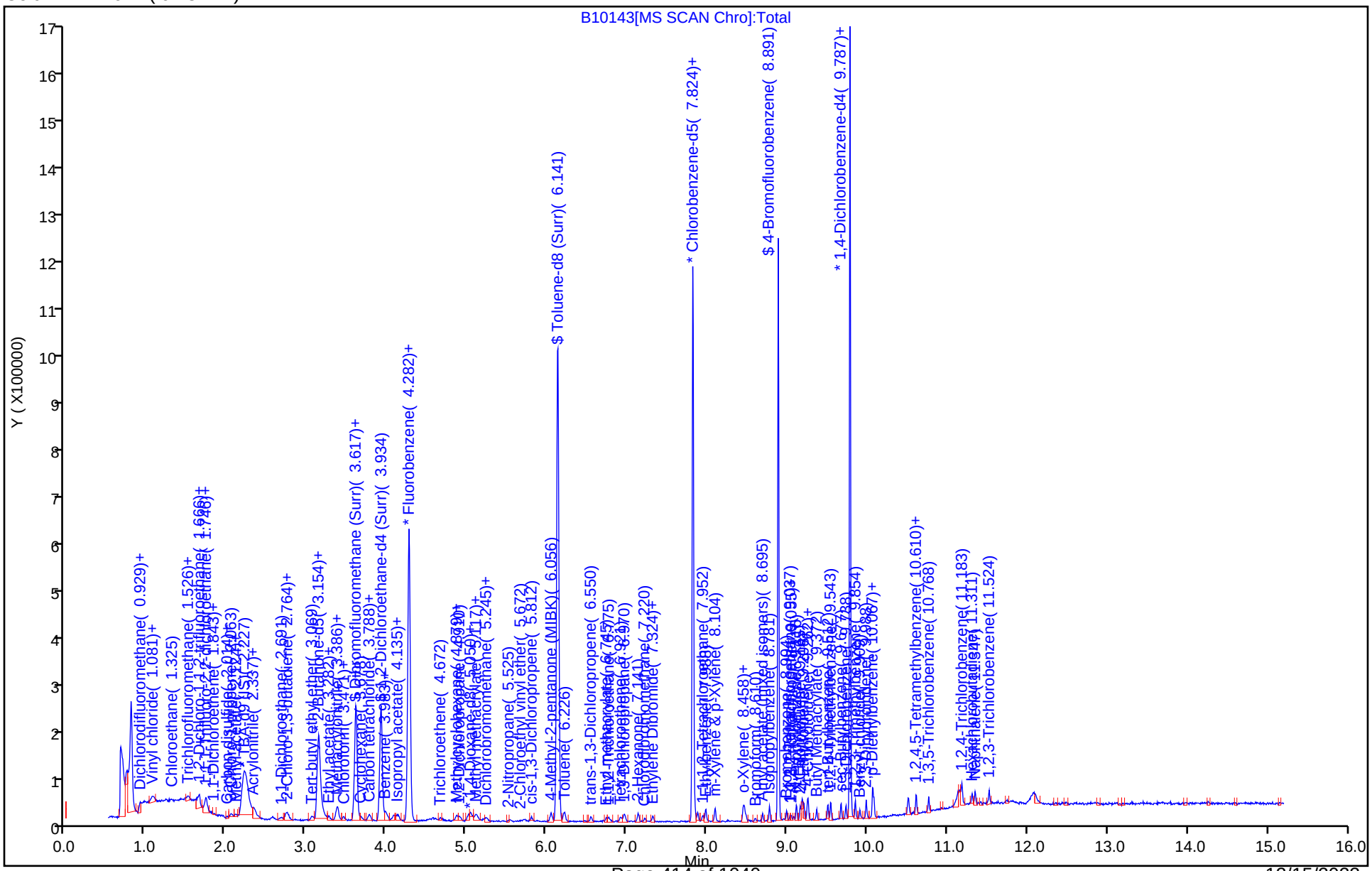
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

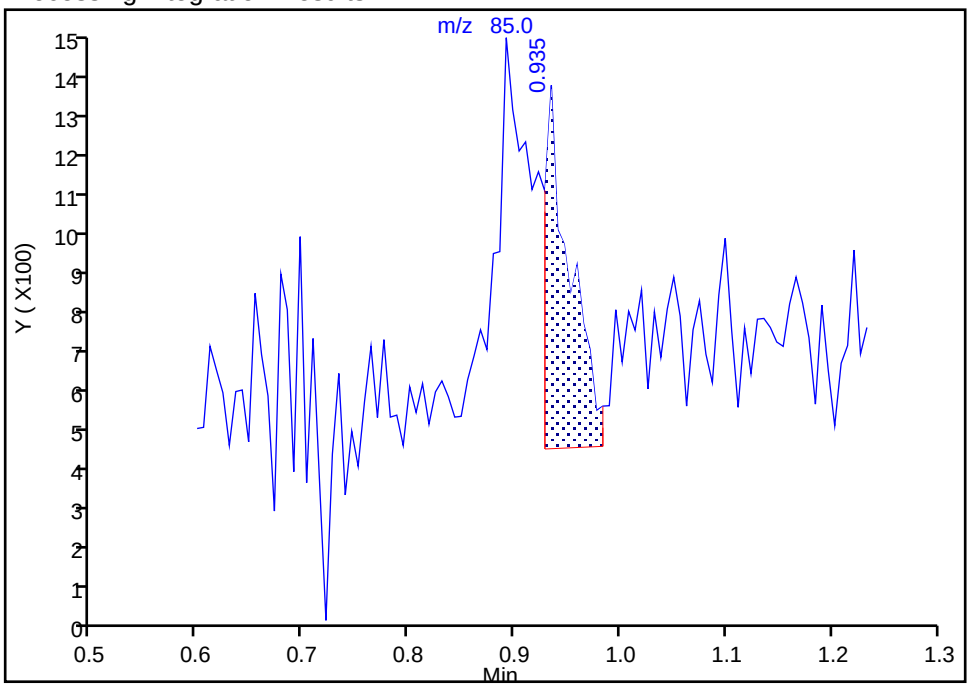
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

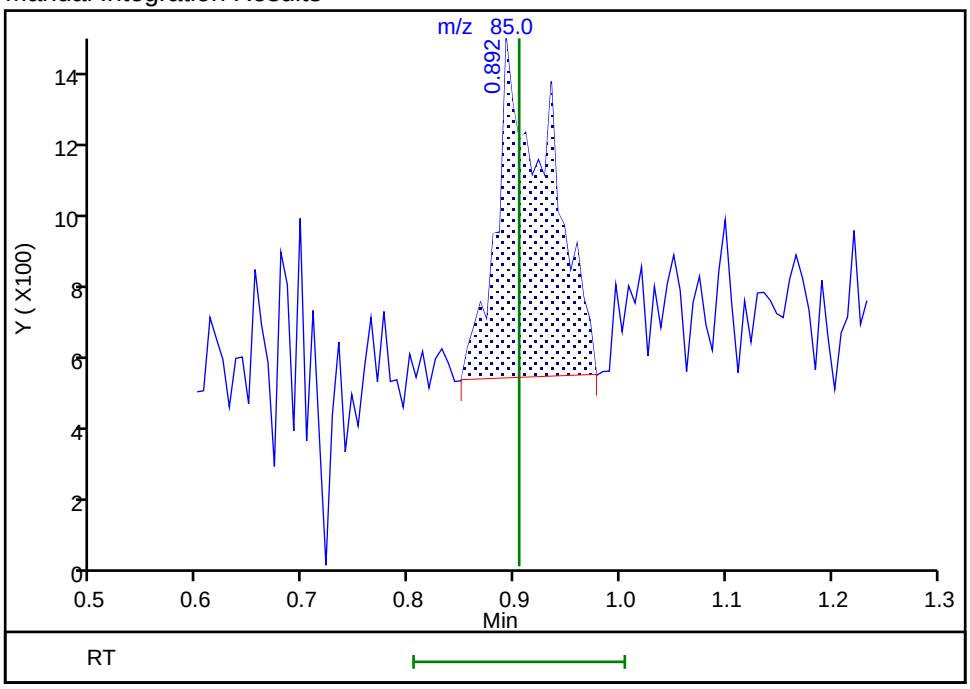
Processing Integration Results

RT: 0.93
Area: 1559
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 0.89
Area: 3315
Amount: 0.876317
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:07:07 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

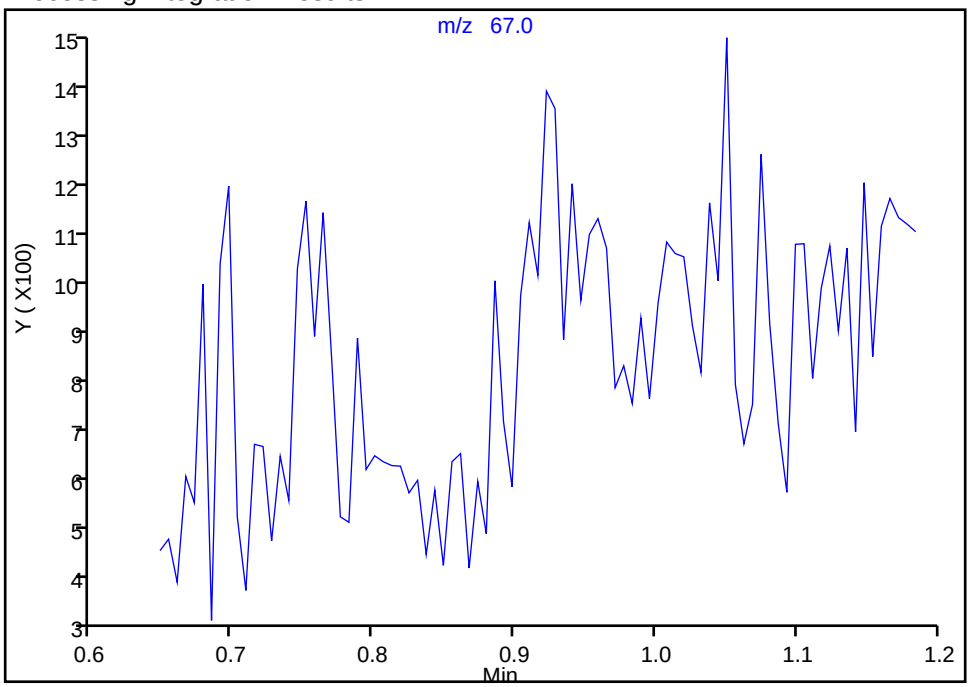
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Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 4 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

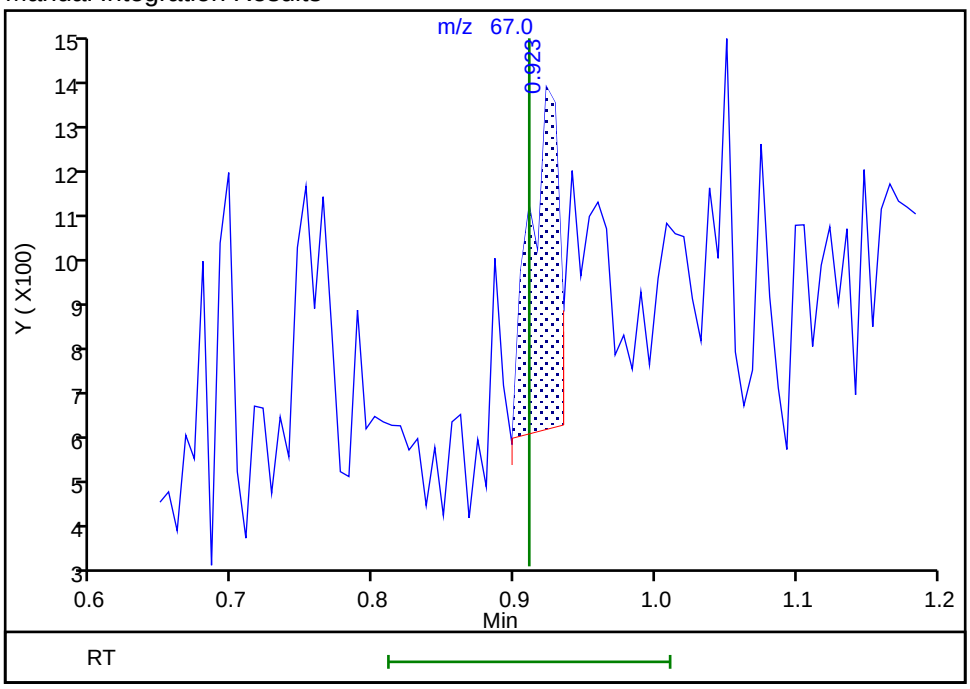
Not Detected
Expected RT: 0.91

Processing Integration Results




Manual Integration Results

RT: 0.92
Area: 1003
Amount: 1.500694
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:25:18 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

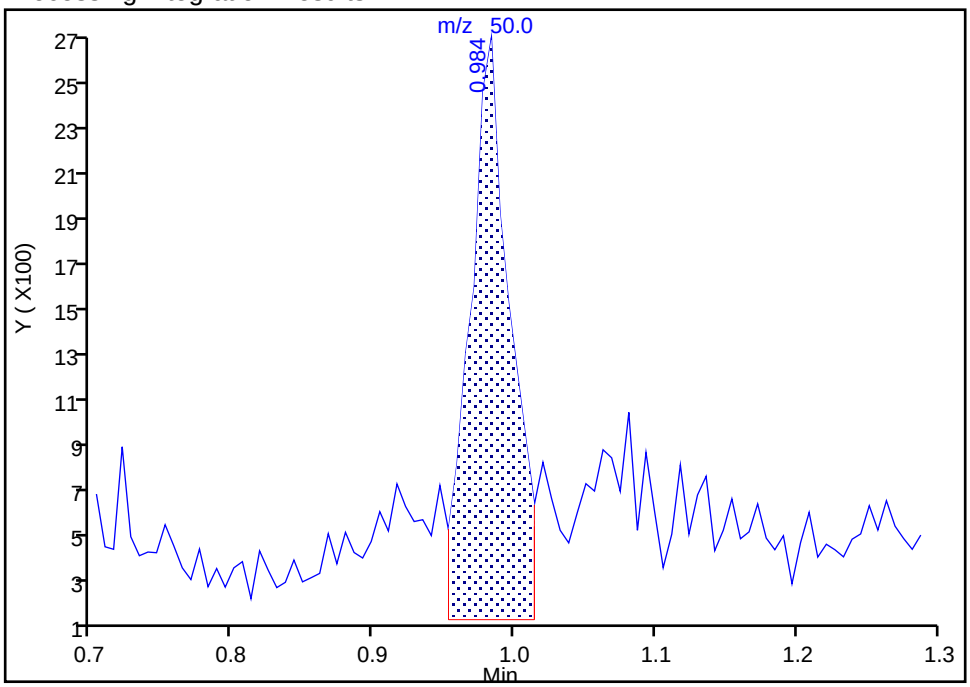
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Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

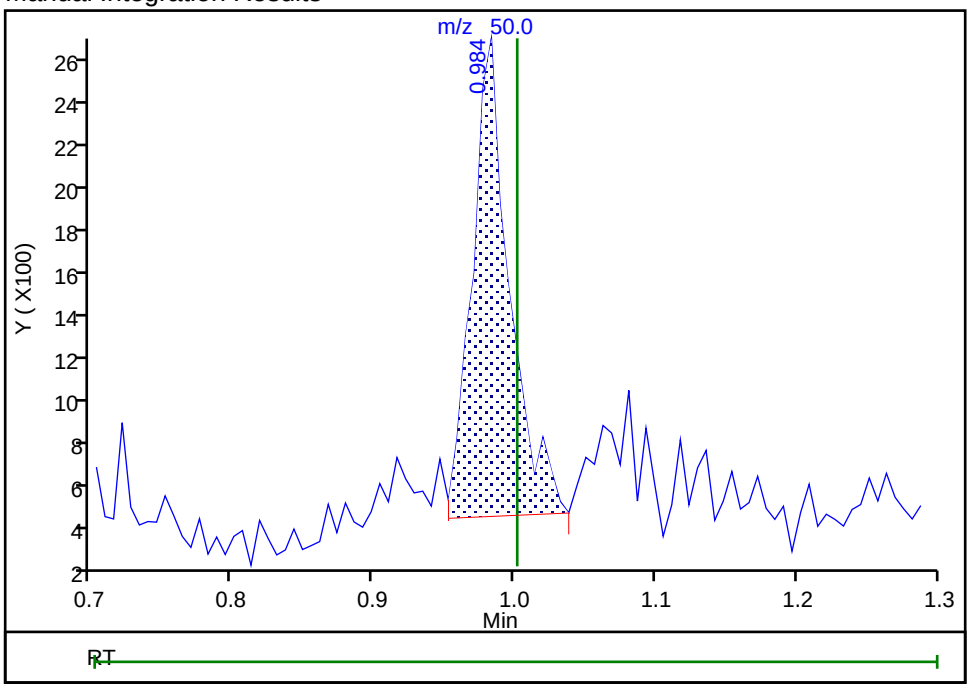
Processing Integration Results

RT: 0.98
Area: 5150
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 0.98
Area: 4068
Amount: 0.948545
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:07:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

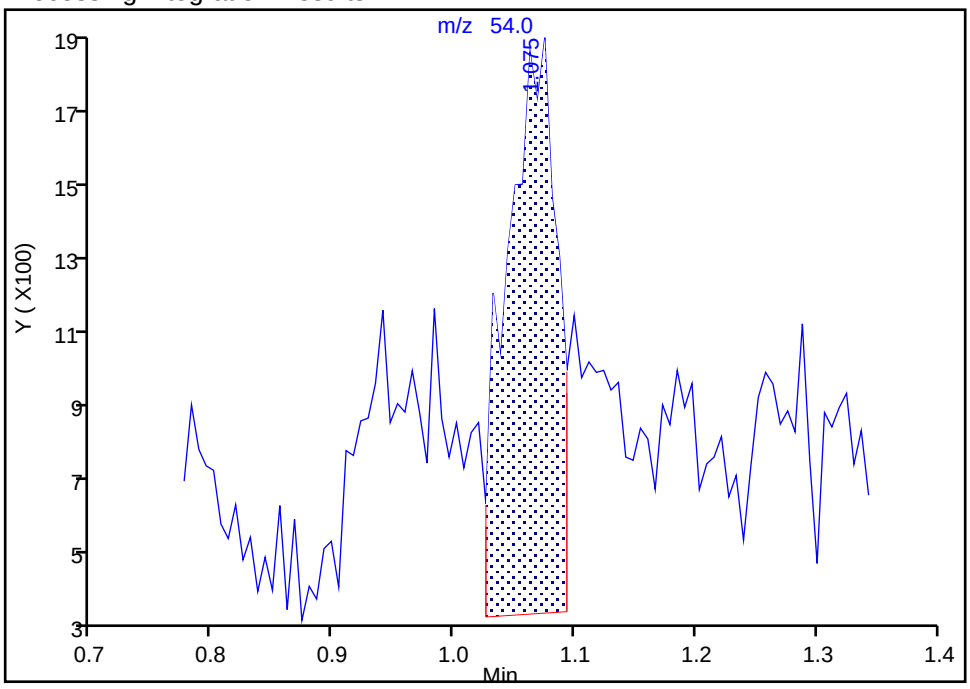
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Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 6 Butadiene, CAS: 106-99-0

Signal: 1

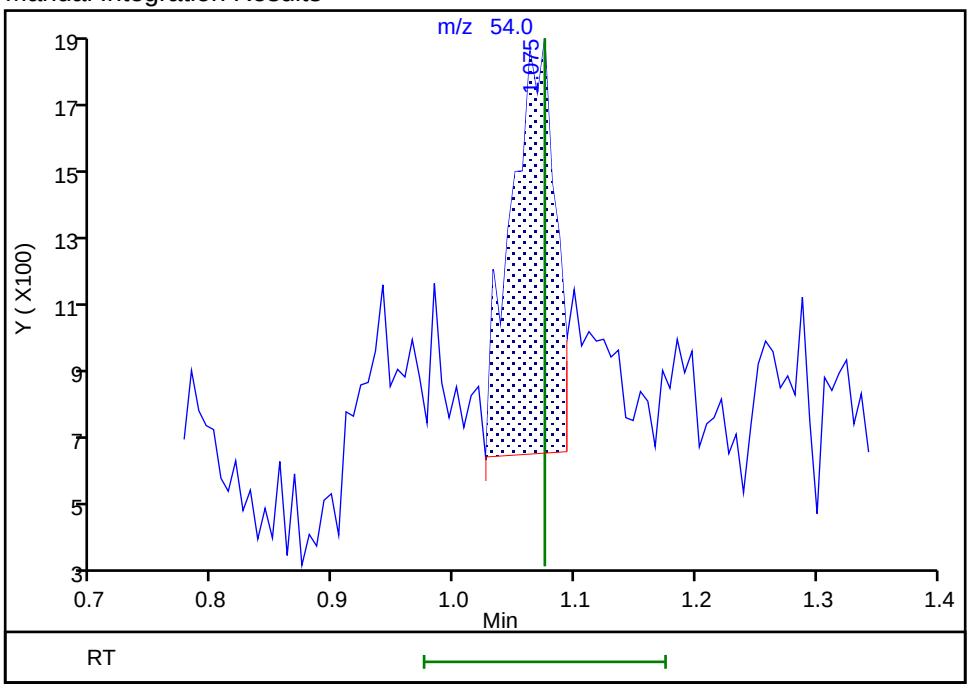
Processing Integration Results

RT: 1.07
Area: 4177
Amount: 1.202140
Amount Units: ug/l




Manual Integration Results

RT: 1.07
Area: 2898
Amount: 0.888557
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:29:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

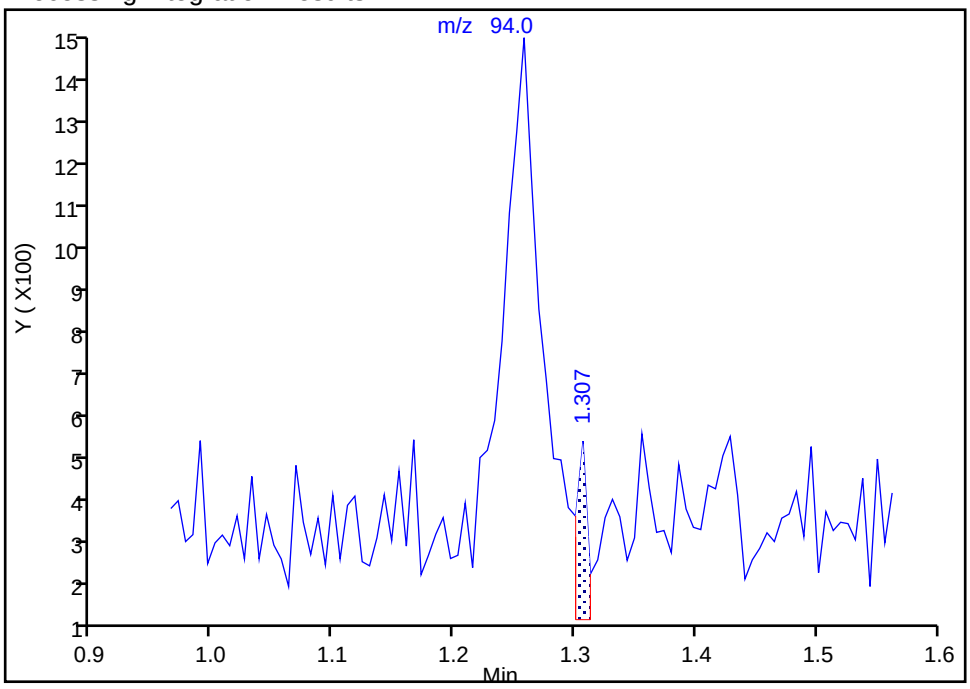
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Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 8 Bromomethane, CAS: 74-83-9

Signal: 1

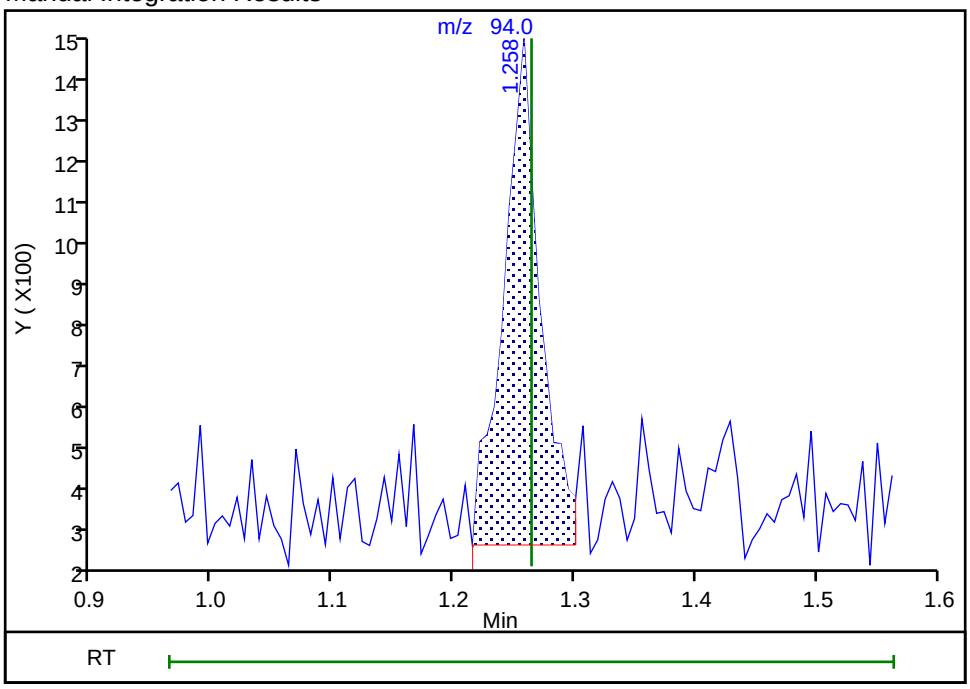
Processing Integration Results

RT: 1.31
Area: 263
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.26
Area: 2452
Amount: 1.066872
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:07:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

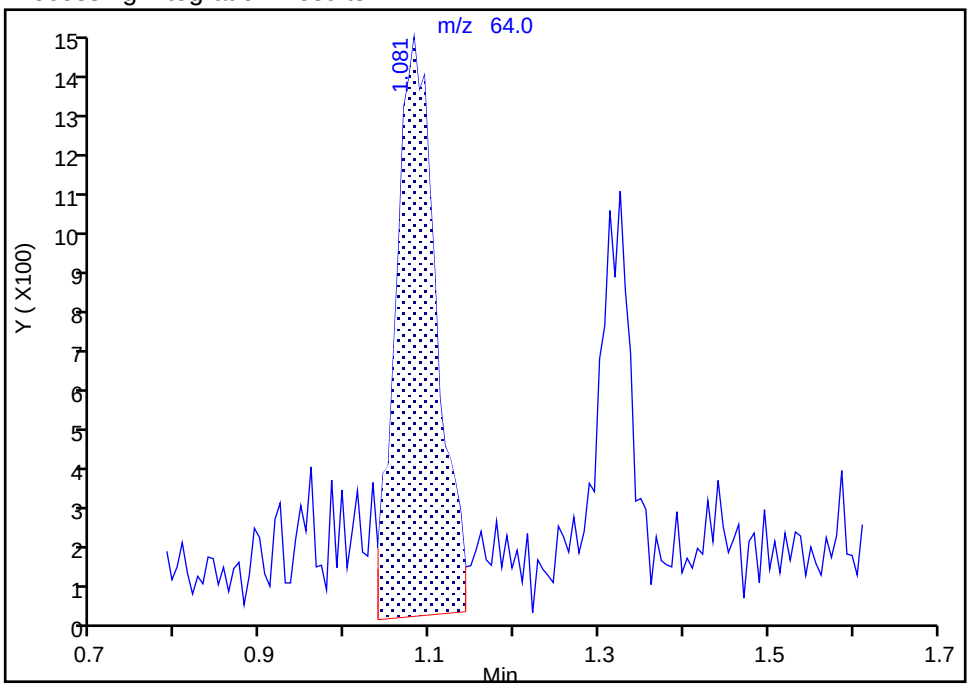
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 9 Chloroethane, CAS: 75-00-3

Signal: 1

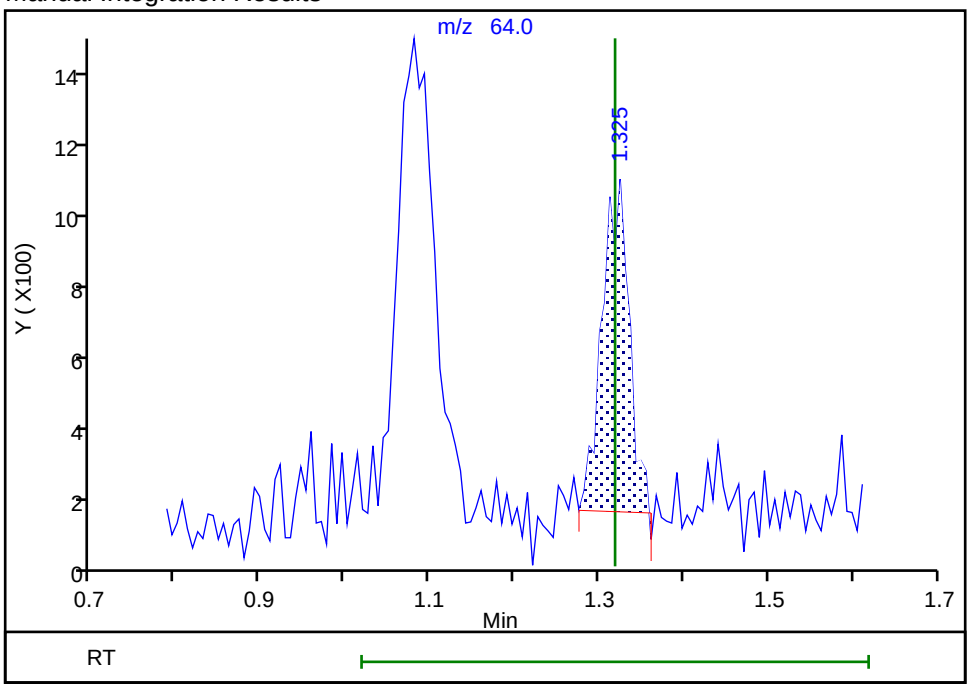
Processing Integration Results

RT: 1.08
Area: 4717
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.32
Area: 1903
Amount: 0.866976
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:08:08 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

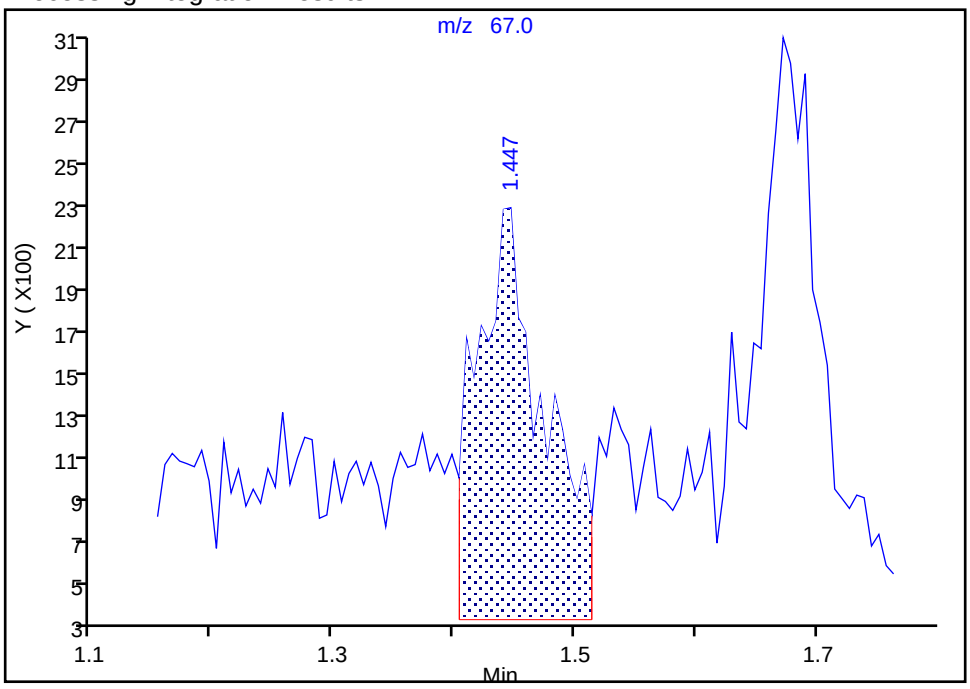
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Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

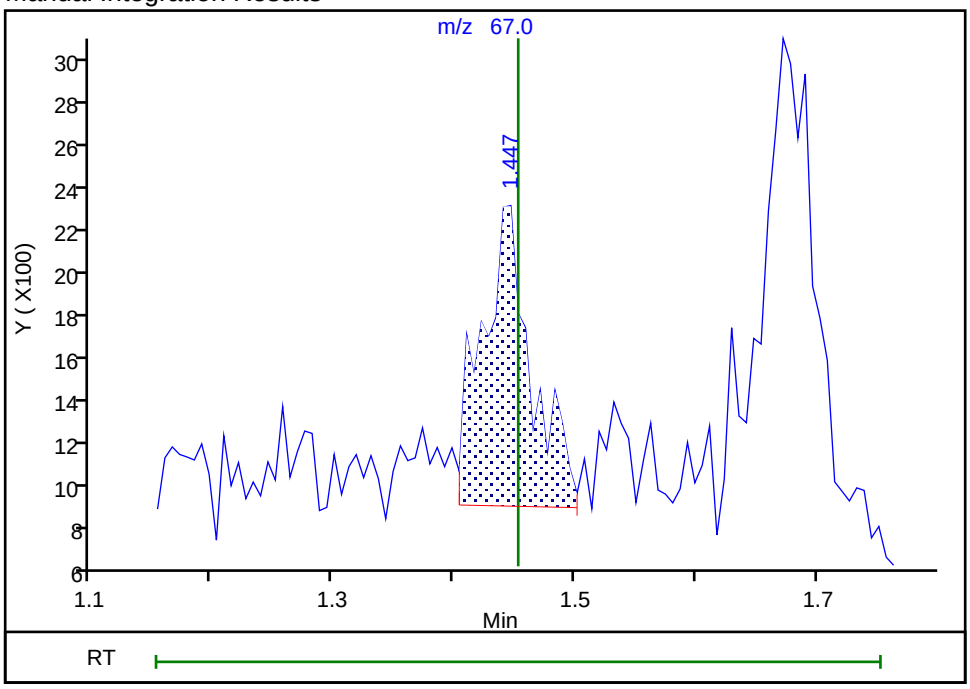
Processing Integration Results

RT: 1.45
Area: 7450
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.45
Area: 3992
Amount: 0.885241
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:26:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

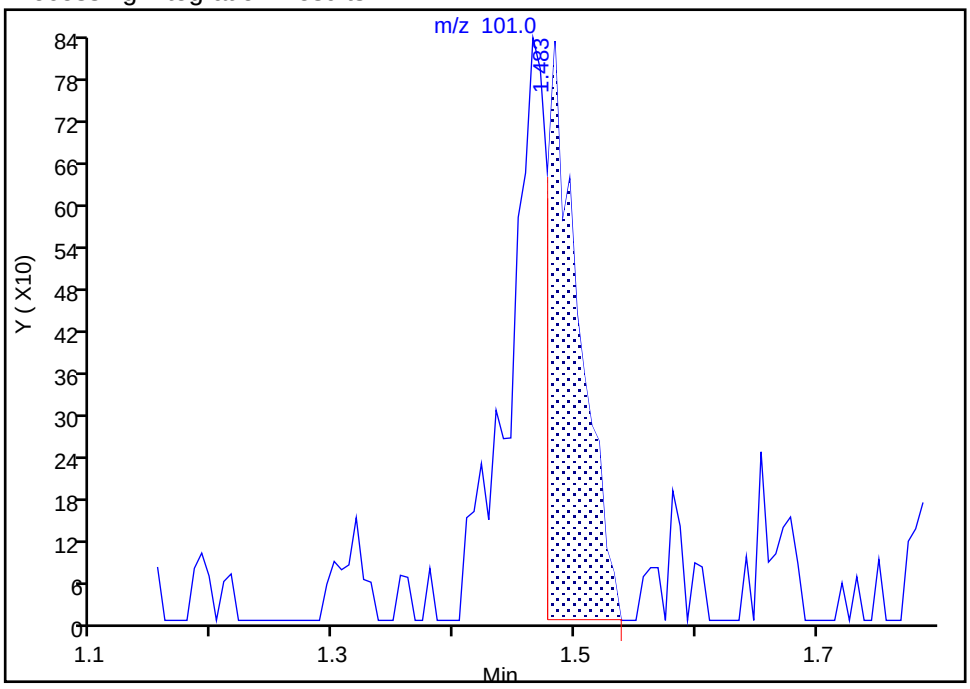
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

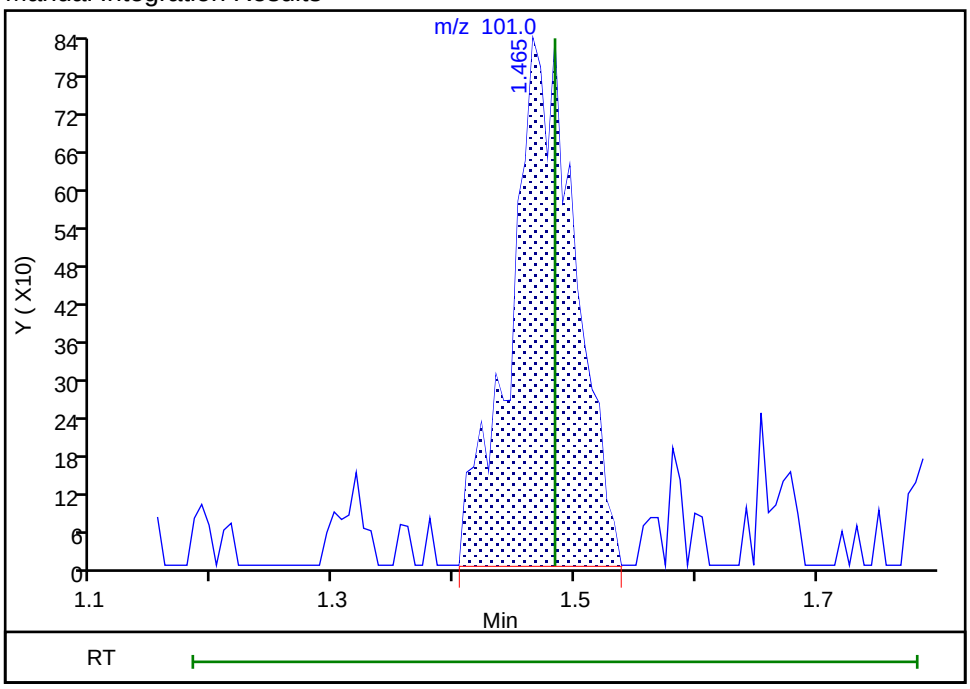
Processing Integration Results

RT: 1.48
Area: 1533
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.47
Area: 3130
Amount: 0.941755
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:29:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

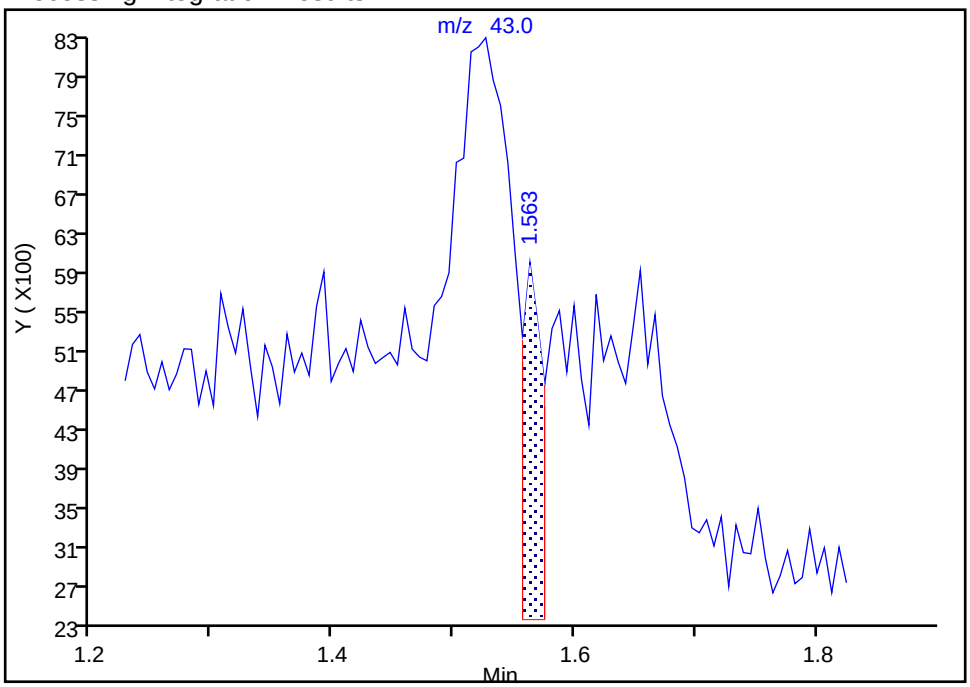
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 12 Pentane, CAS: 109-66-0

Signal: 1

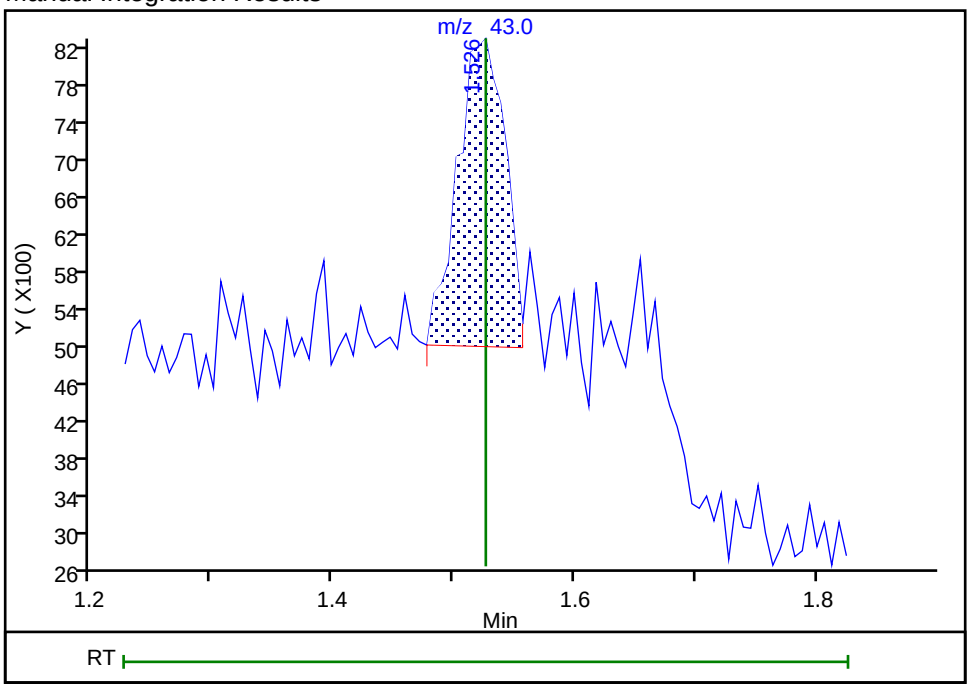
Processing Integration Results

RT: 1.56
Area: 4346
Amount: 2.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.53
Area: 9034
Amount: 1.724821
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:08:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

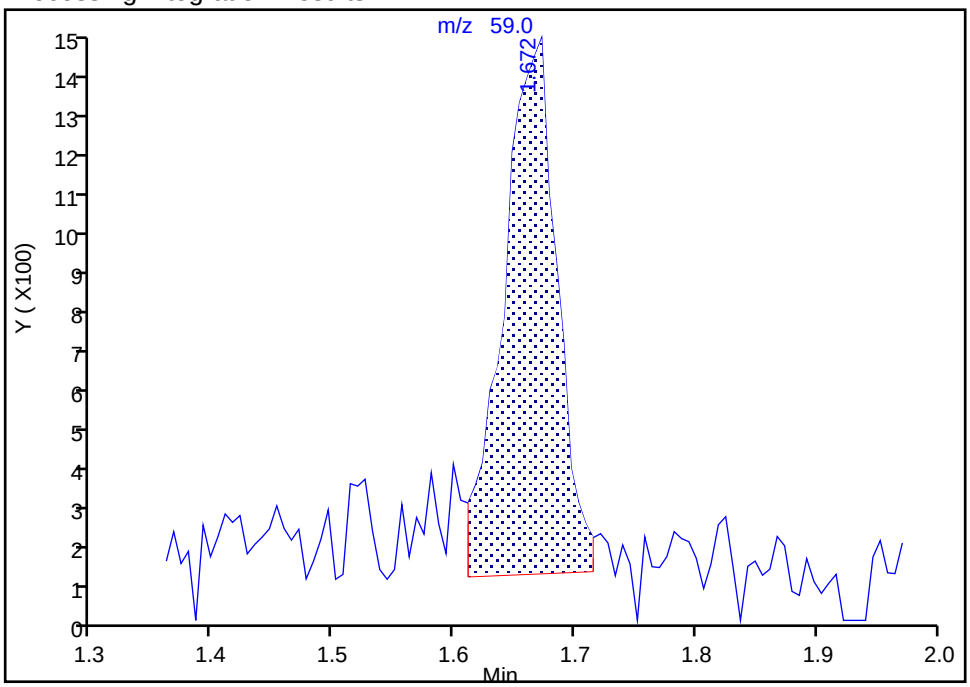
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Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 Ethyl ether, CAS: 60-29-7

Signal: 1

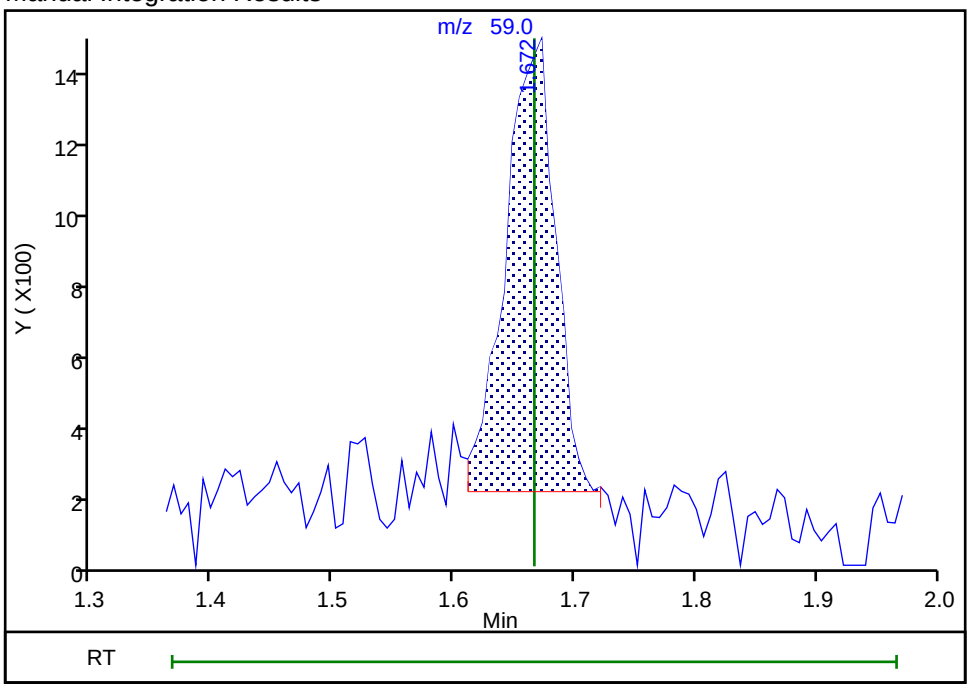
Processing Integration Results

RT: 1.67
Area: 4139
Amount: 1.894245
Amount Units: ug/l




Manual Integration Results

RT: 1.67
Area: 3579
Amount: 1.368781
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 09:07:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

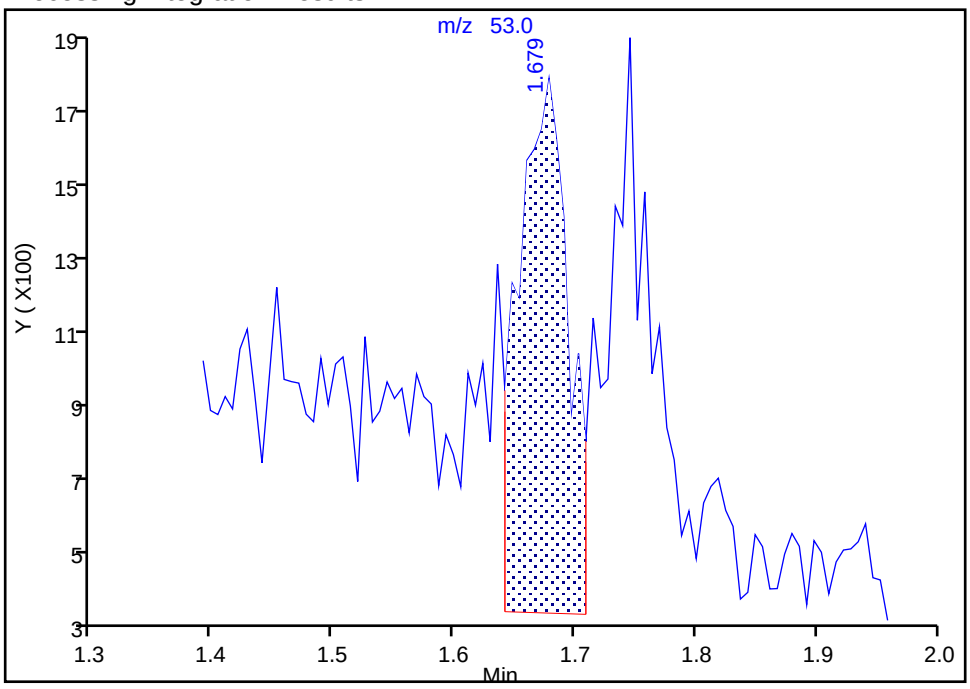
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Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

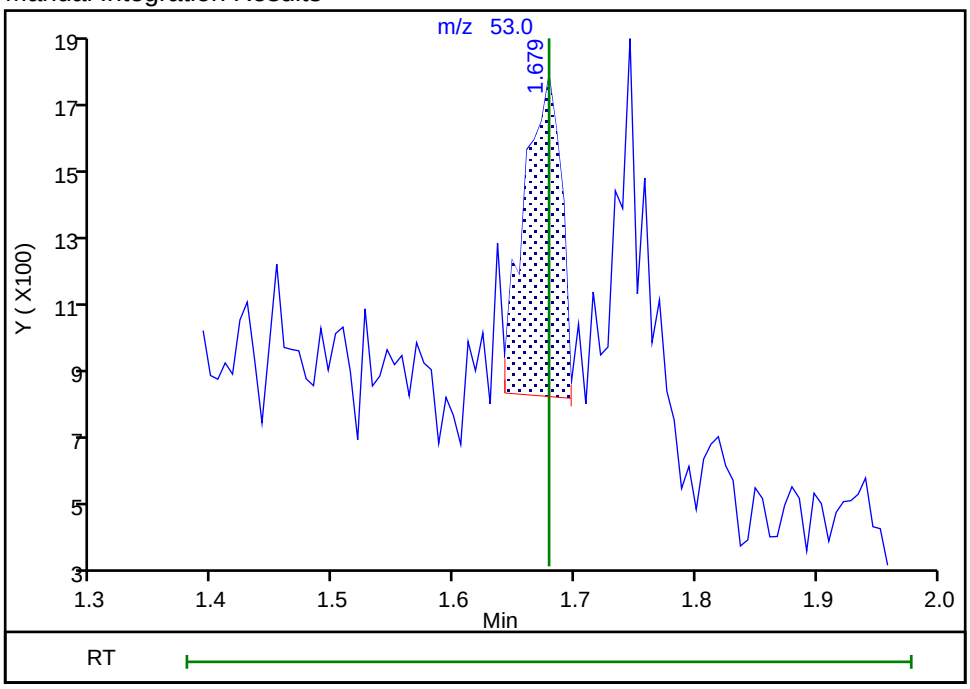
Processing Integration Results

RT: 1.68
Area: 4195
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.68
Area: 2011
Amount: 0.701176
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:08:45 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

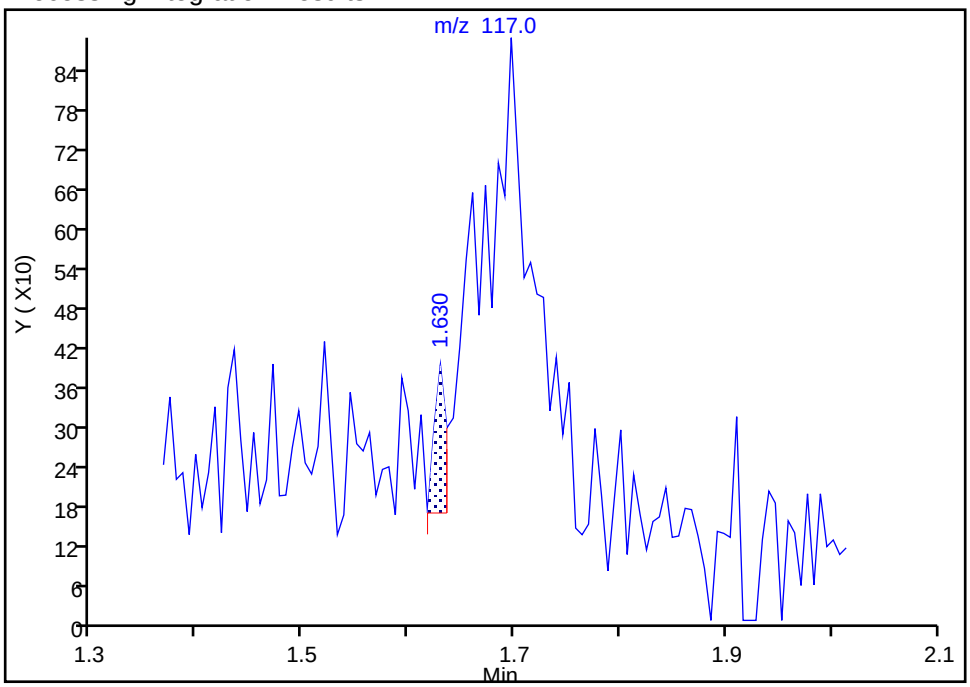
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

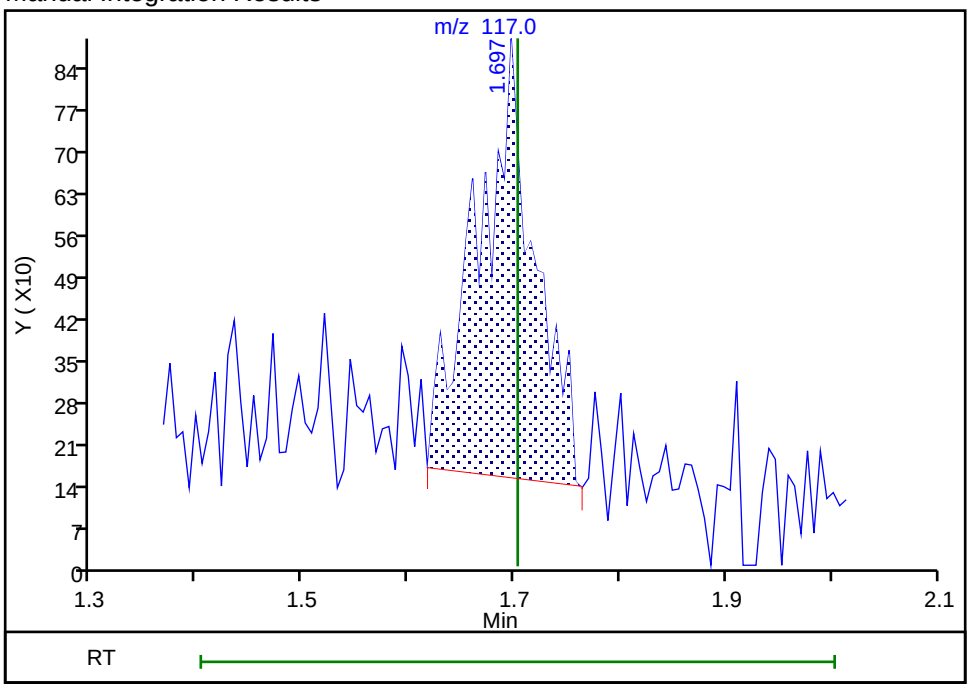
Processing Integration Results

RT: 1.63
Area: 177
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.70
Area: 2757
Amount: 1.188517
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:30:06 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

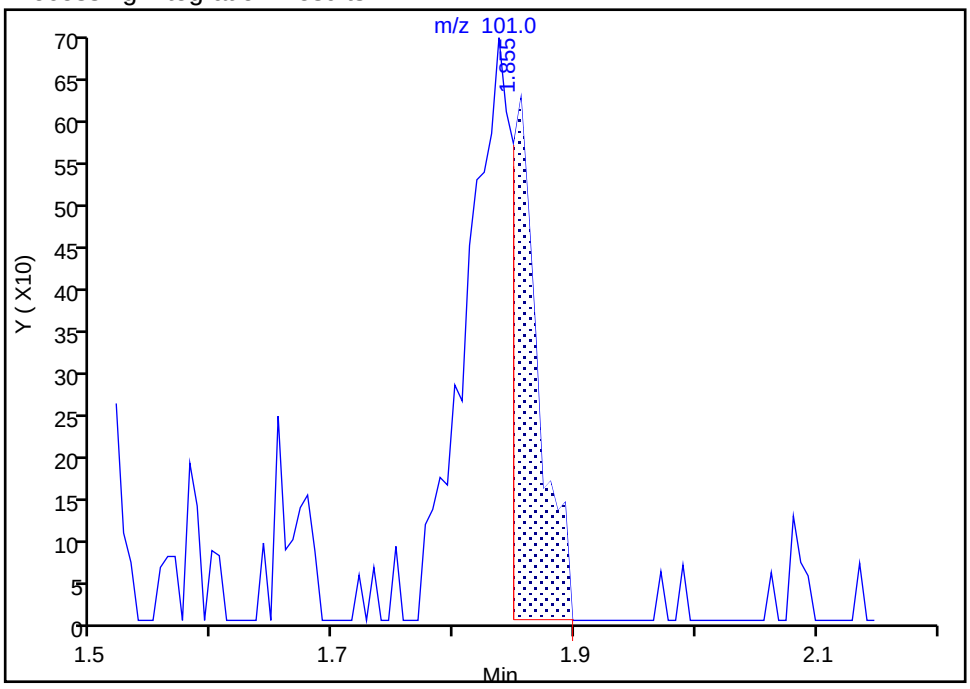
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

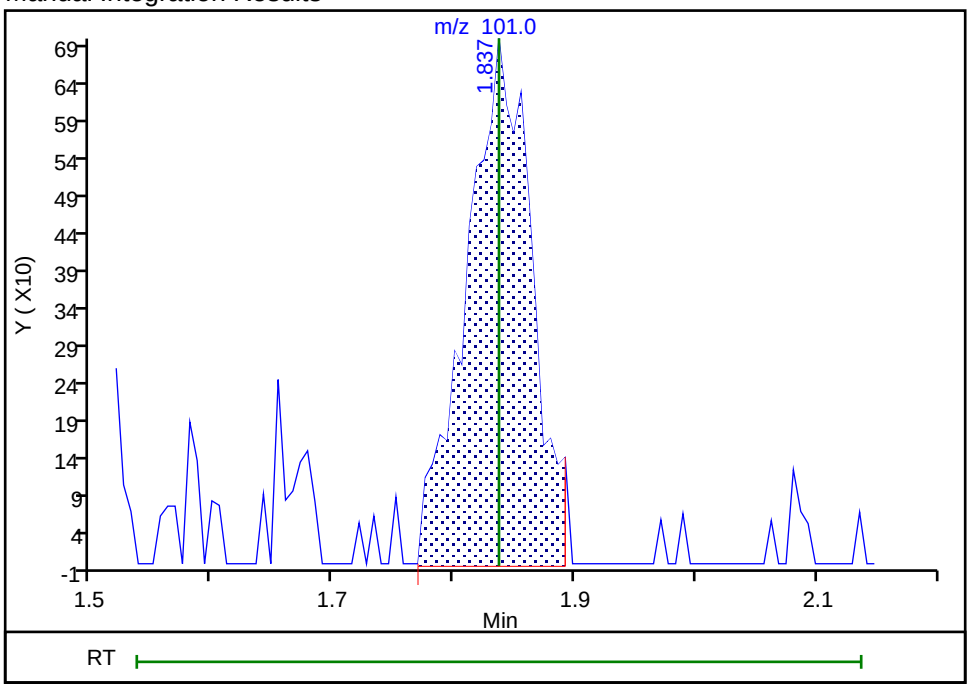
Processing Integration Results

RT: 1.86
Area: 953
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.84
Area: 2613
Amount: 0.971610
Amount Units: ug/l




Reviewer: PUV6, 16-Nov-2023 21:01:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

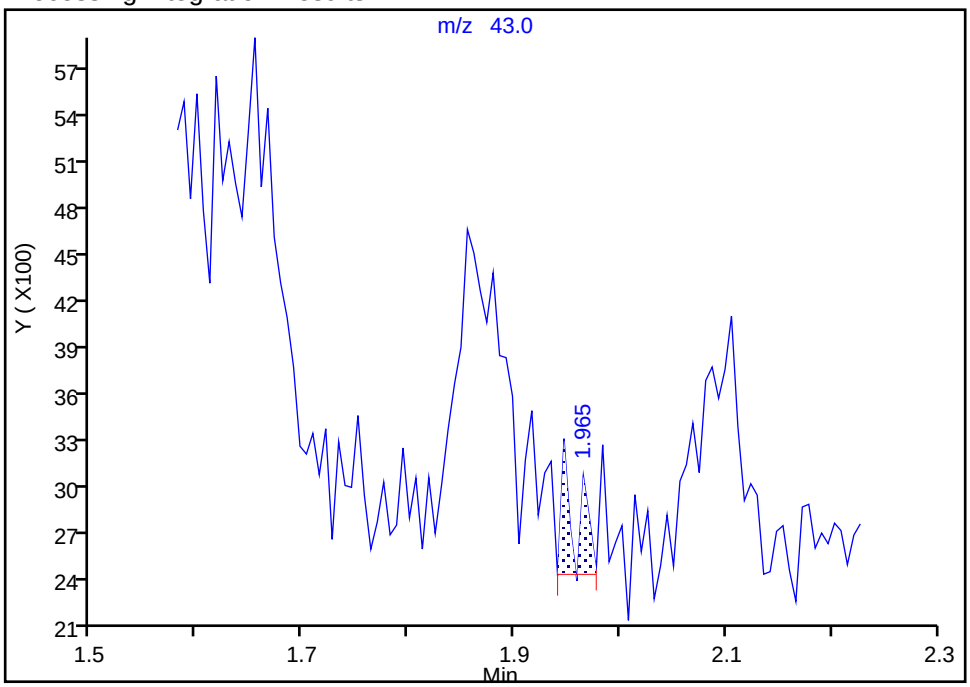
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Acetone, CAS: 67-64-1

Signal: 1

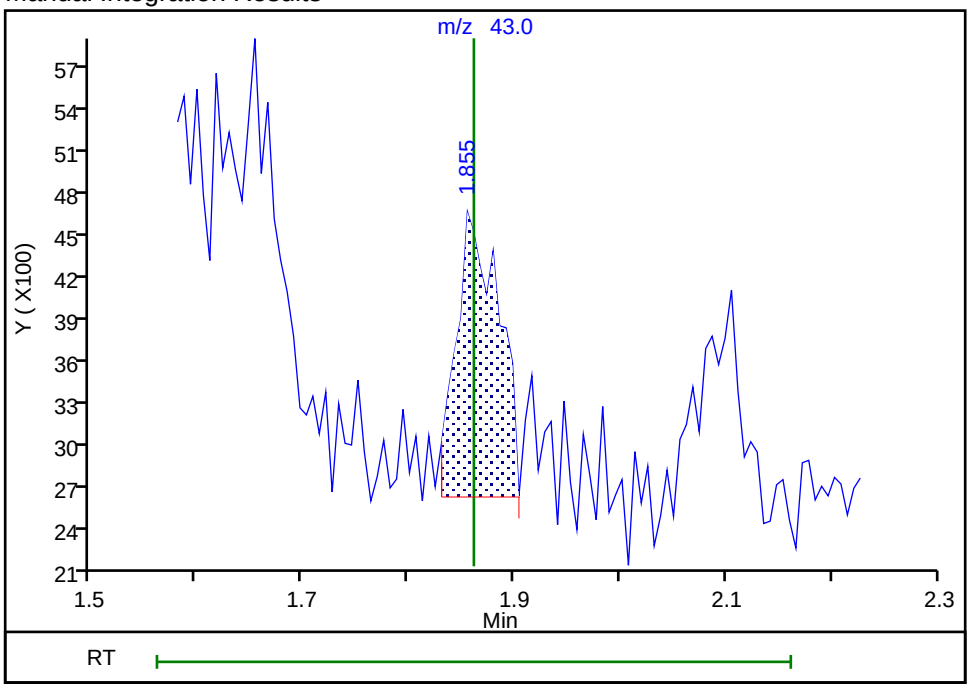
Processing Integration Results

RT: 1.97
Area: 787
Amount: 5.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 5598
Amount: 5.955057
Amount Units: ug/l




Reviewer: PUV6, 16-Nov-2023 21:01:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

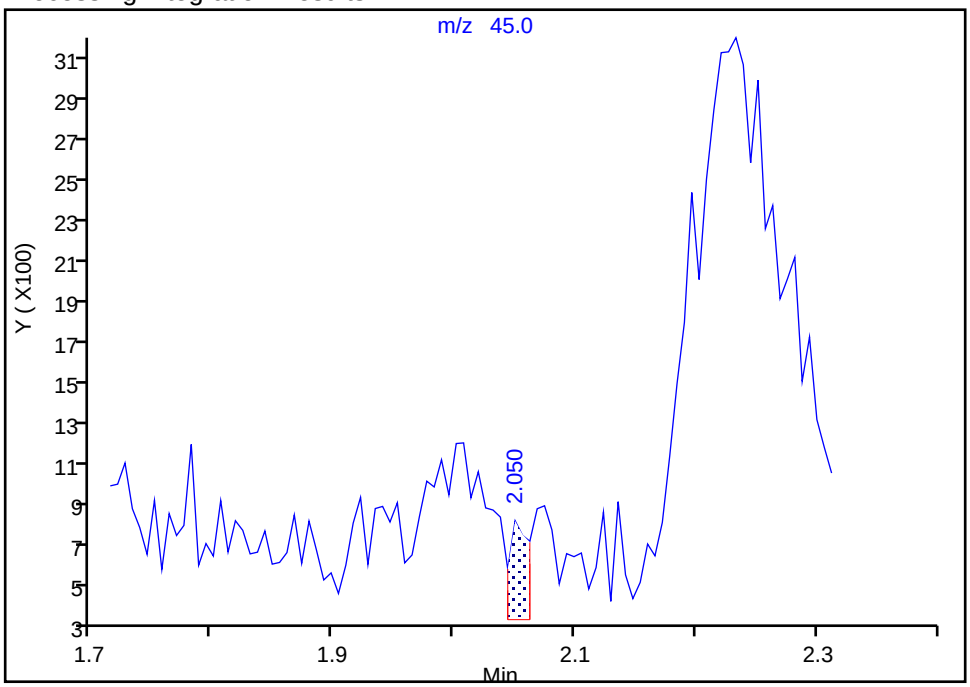
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

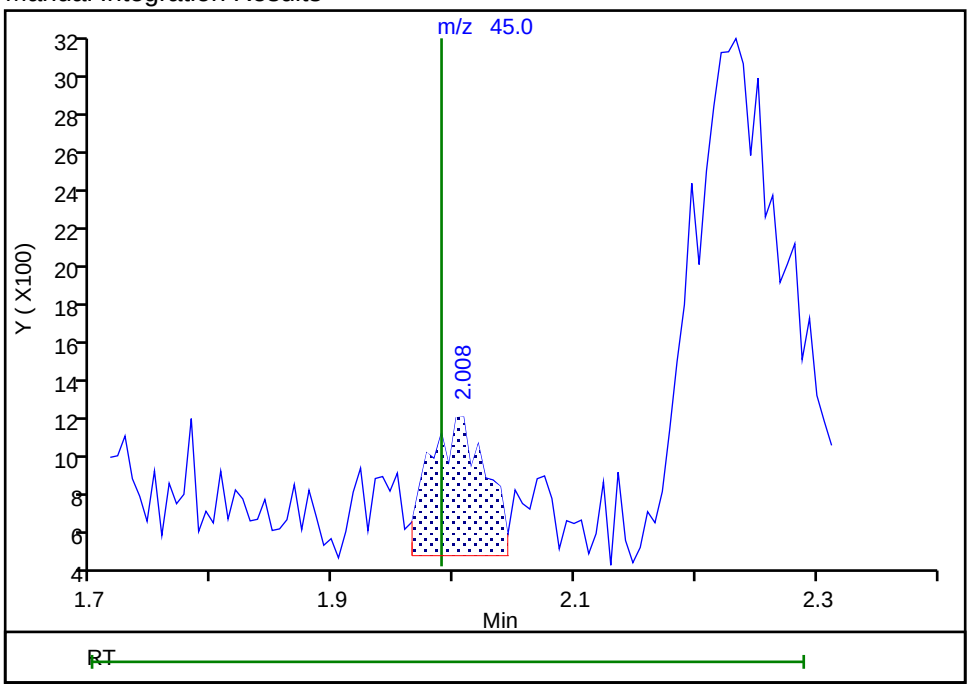
Processing Integration Results

RT: 2.05
Area: 539
Amount: 2.608014
Amount Units: ug/l




Manual Integration Results

RT: 2.01
Area: 2280
Amount: 10.723647
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:30:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

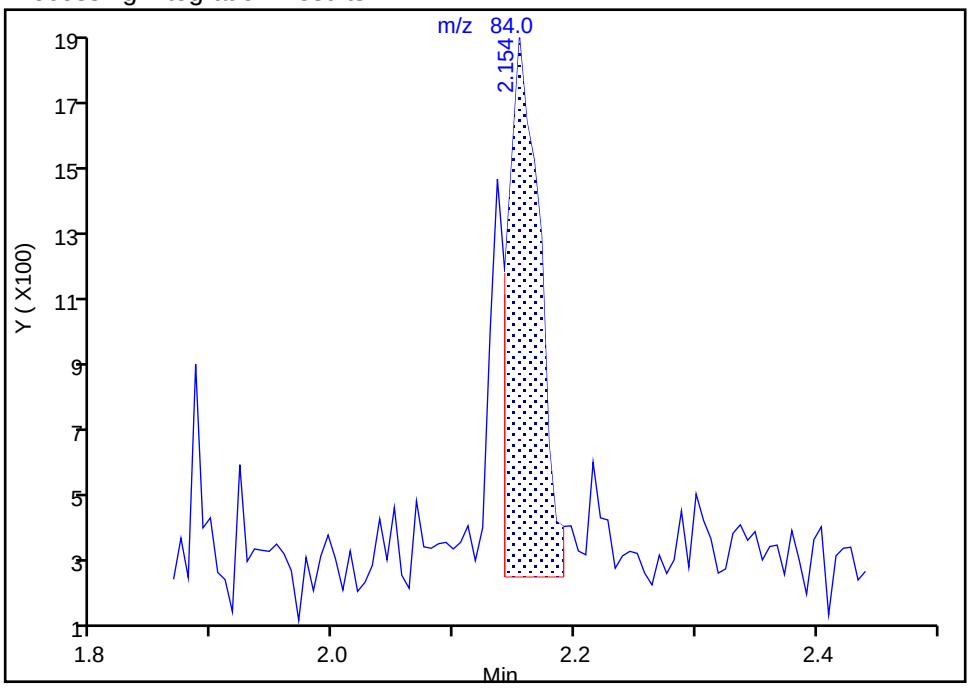
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D | | | | |
| Injection Date: | 16-Nov-2023 20:36:30 | Instrument ID: | CVOAMS2 | | |
| Lims ID: | STD1 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 3 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | DB-624 ( 0.18 mm) | Detector | MS SCAN | | |

## 28 Methylene Chloride, CAS: 75-09-2

Signal: 1

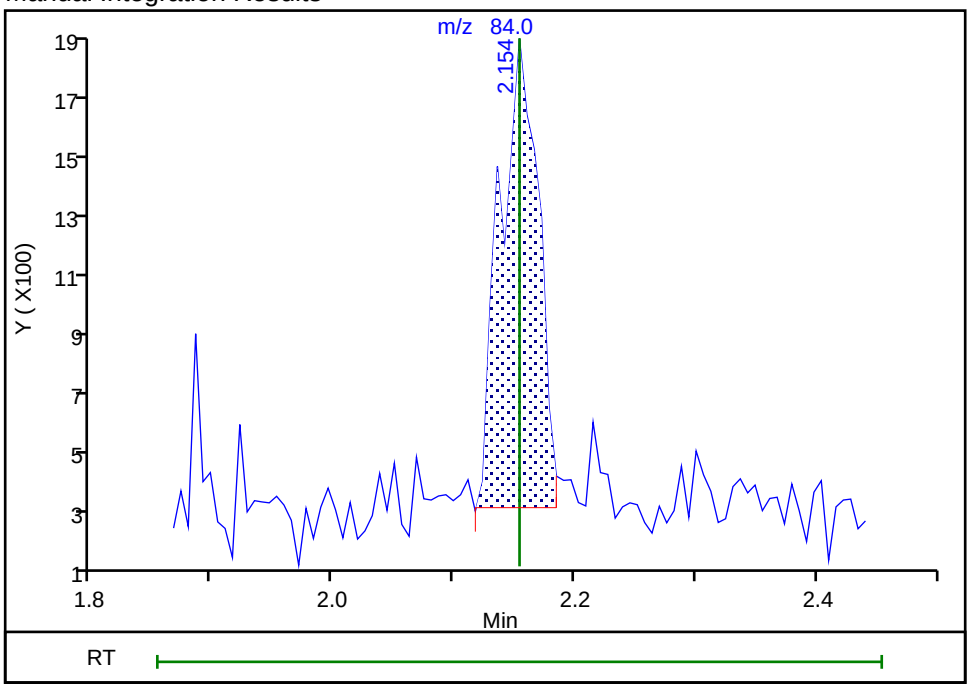
Processing Integration Results

RT: 2.15
Area: 2887
Amount: 0.963539
Amount Units: ug/l




Manual Integration Results

RT: 2.15
Area: 3315
Amount: 1.080656
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:30:40 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

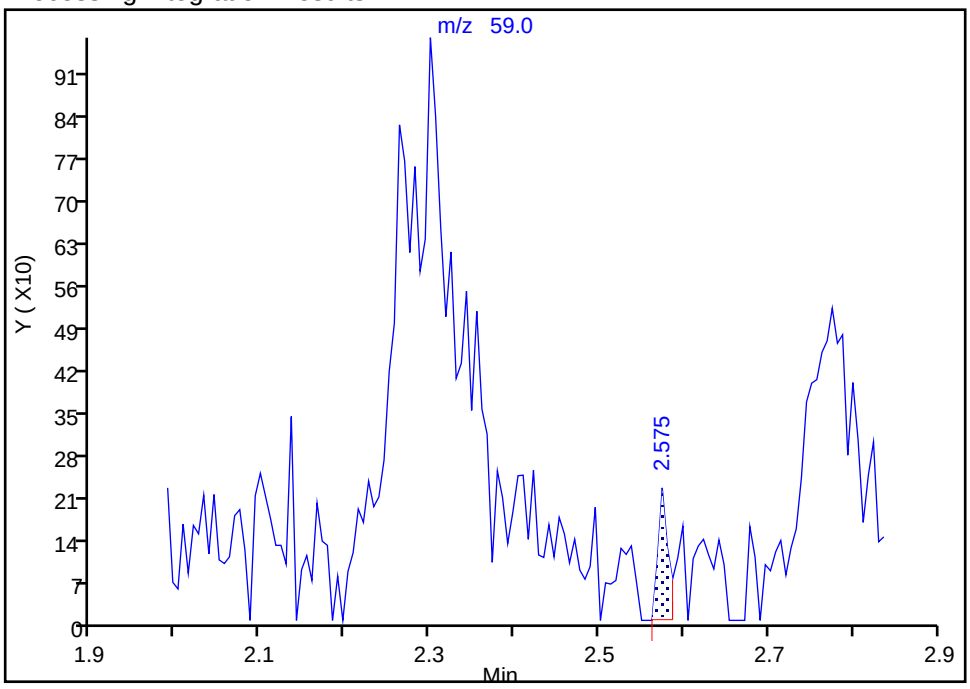
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

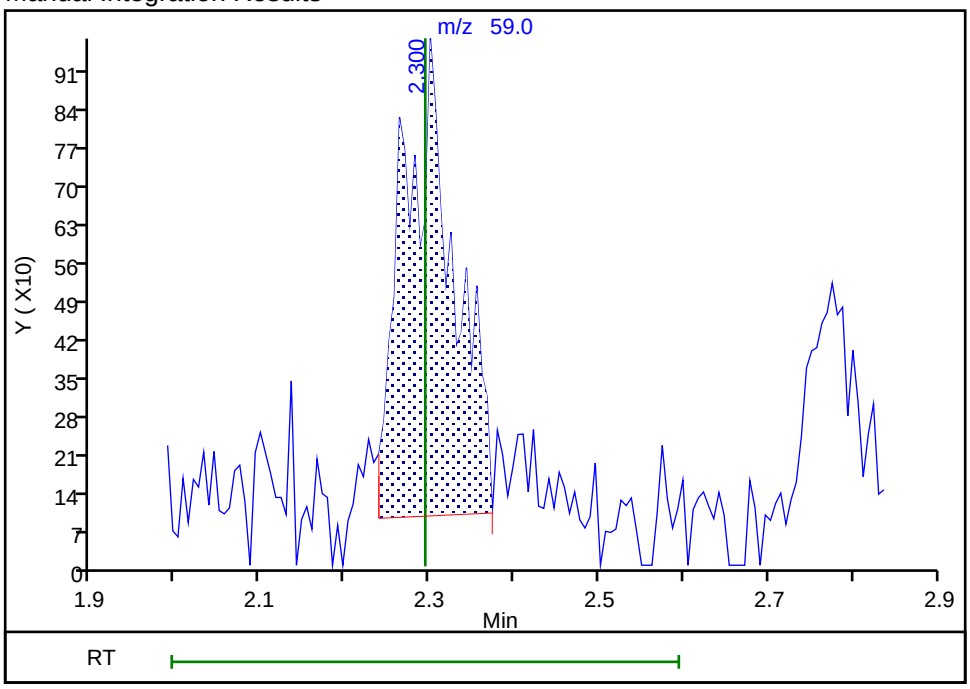
Processing Integration Results

RT: 2.57
Area: 184
Amount: 10.000000
Amount Units: ug/l




Manual Integration Results

RT: 2.30
Area: 3634
Amount: 9.685748
Amount Units: ug/l




Reviewer: PUV6, 16-Nov-2023 21:01:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

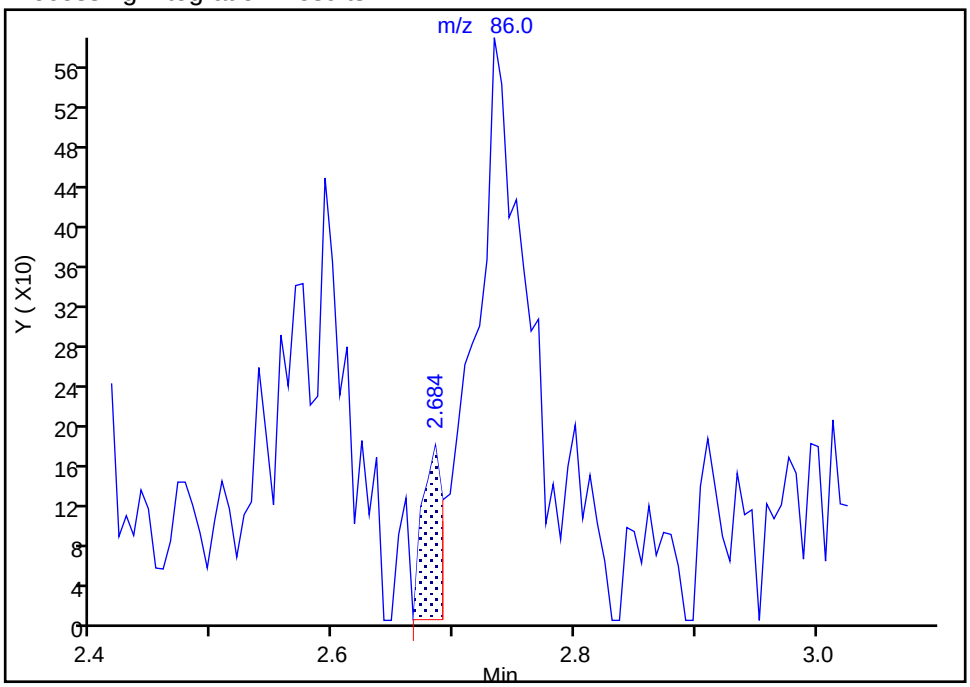
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 36 Vinyl acetate, CAS: 108-05-4

Signal: 1

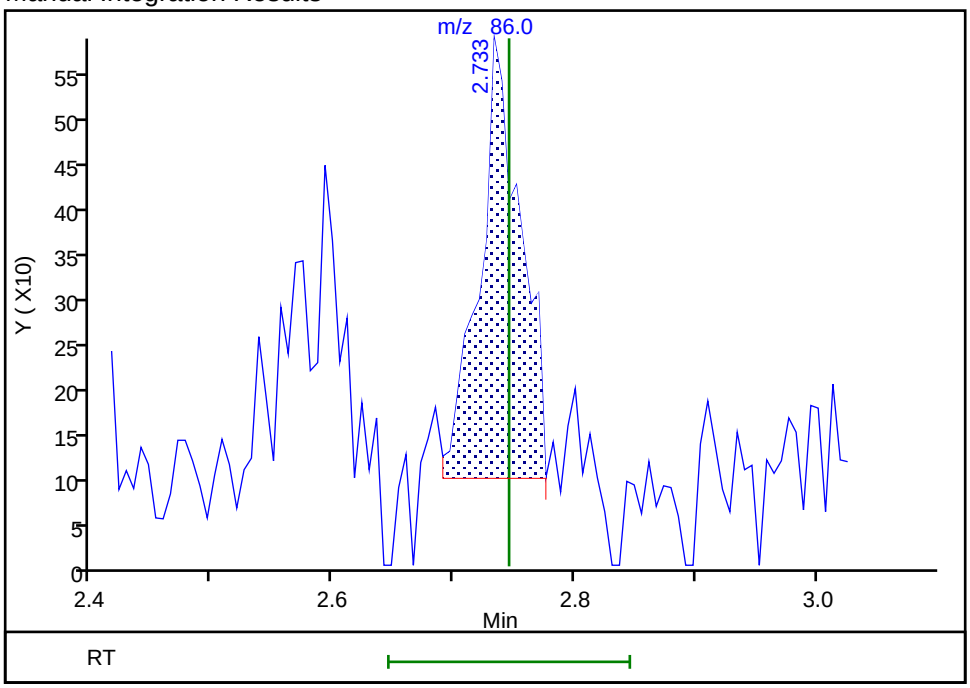
Processing Integration Results

RT: 2.68
Area: 203
Amount: 2.000000
Amount Units: ug/l




Manual Integration Results

RT: 2.73
Area: 1168
Amount: 2.376285
Amount Units: ug/l




Reviewer: PUV6, 16-Nov-2023 21:01:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison

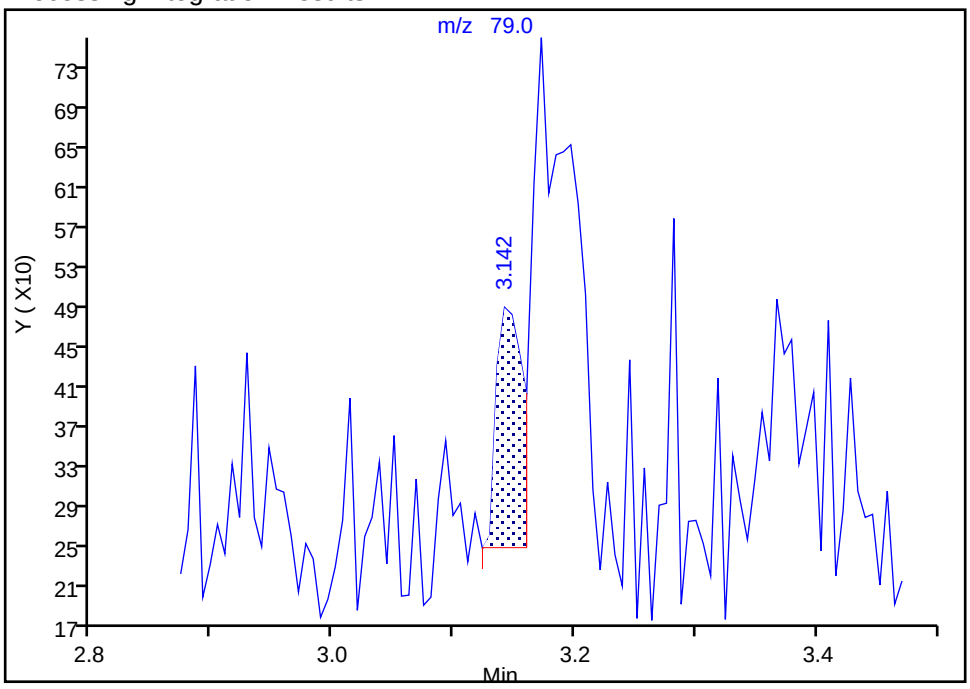
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

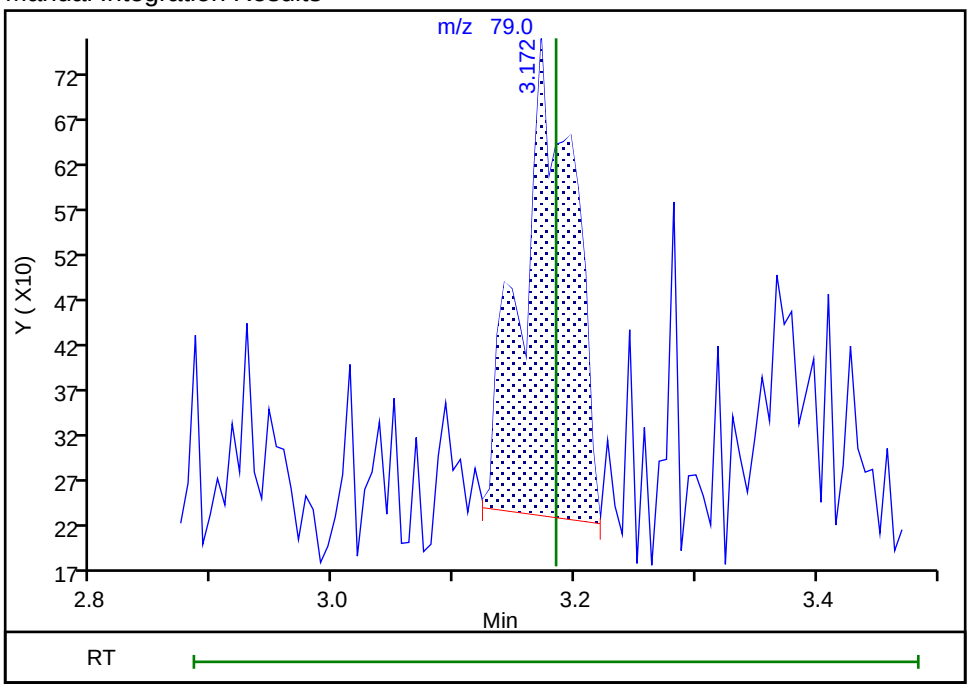
Processing Integration Results

RT: 3.14
Area: 371
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 1586
Amount: 1.058102
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:09:48 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

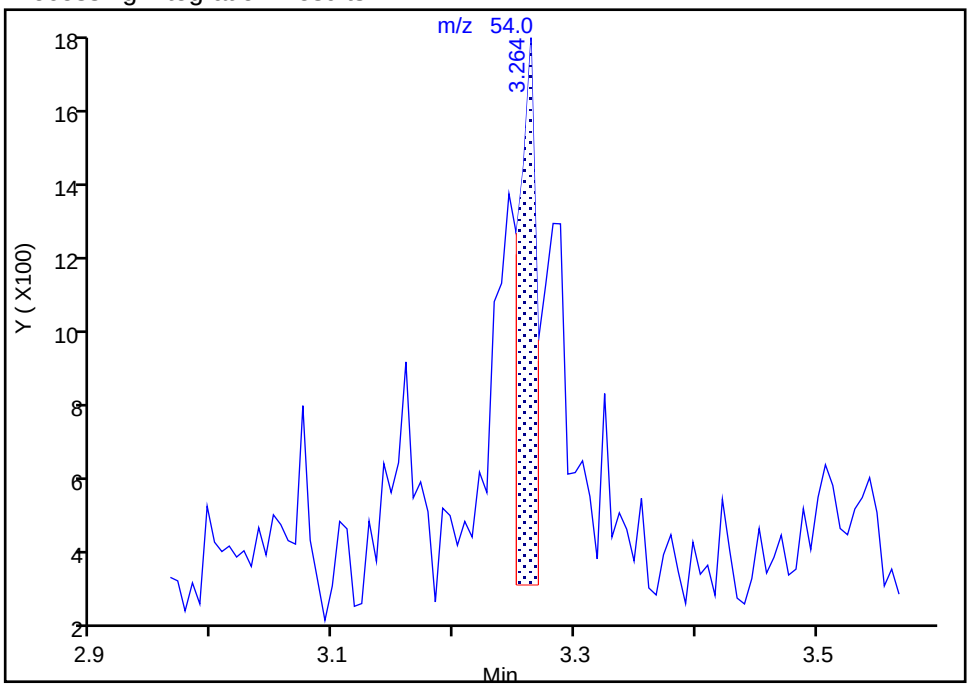
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 44 Propionitrile, CAS: 107-12-0

Signal: 1

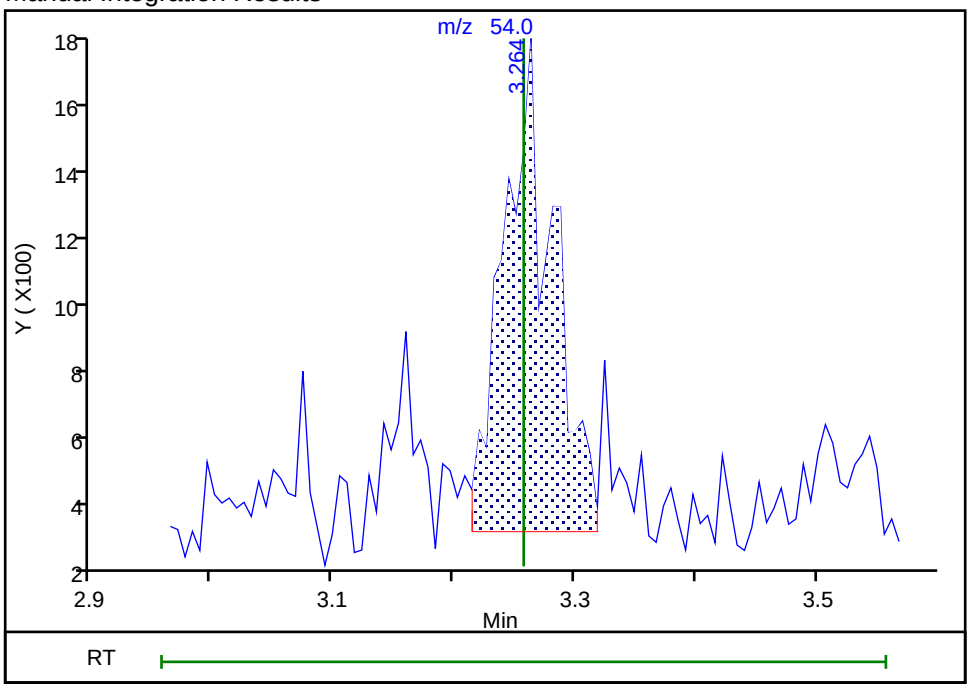
Processing Integration Results

RT: 3.26
Area: 1459
Amount: 4.170563
Amount Units: ug/l




Manual Integration Results

RT: 3.26
Area: 3978
Amount: 11.157586
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:31:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

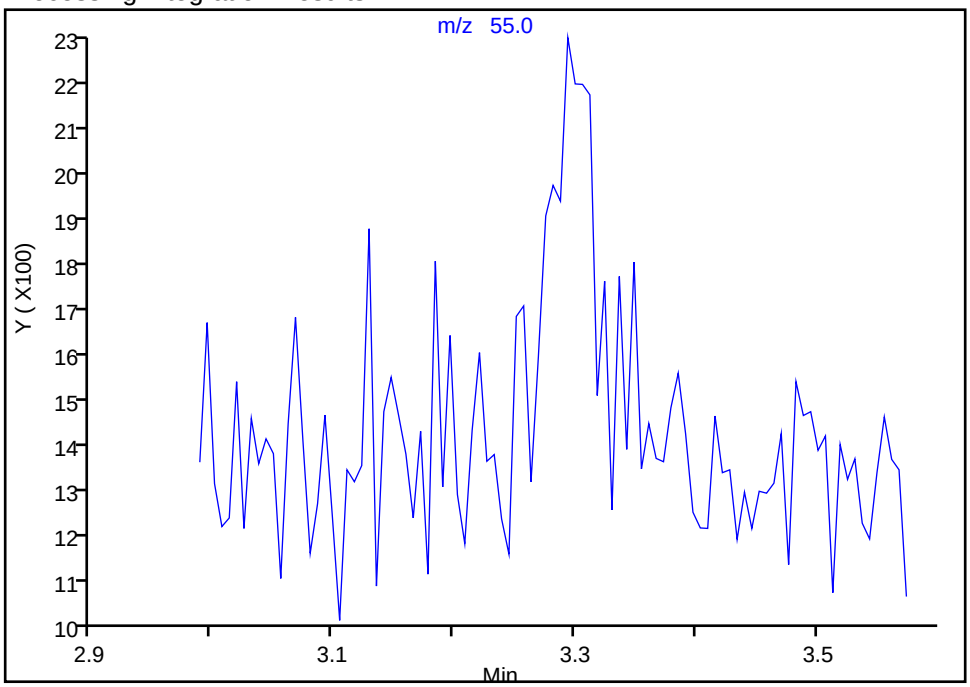
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 62 Methyl acrylate, CAS: 96-33-3

Signal: 1

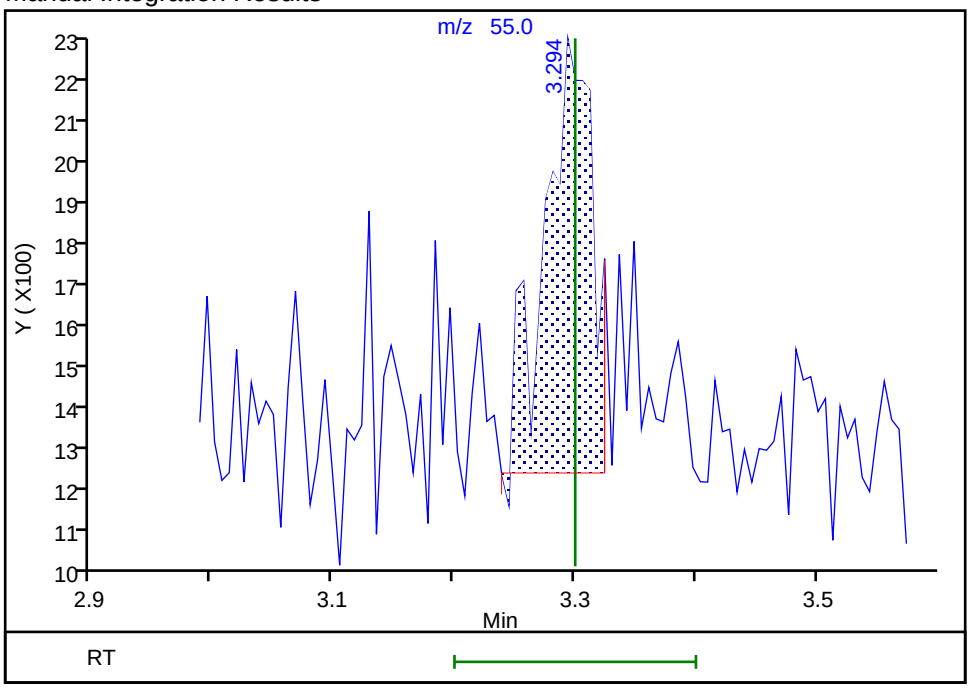
Not Detected
Expected RT: 3.30

Processing Integration Results




Manual Integration Results

RT: 3.29
Area: 2818
Amount: 0.963017
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:31:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

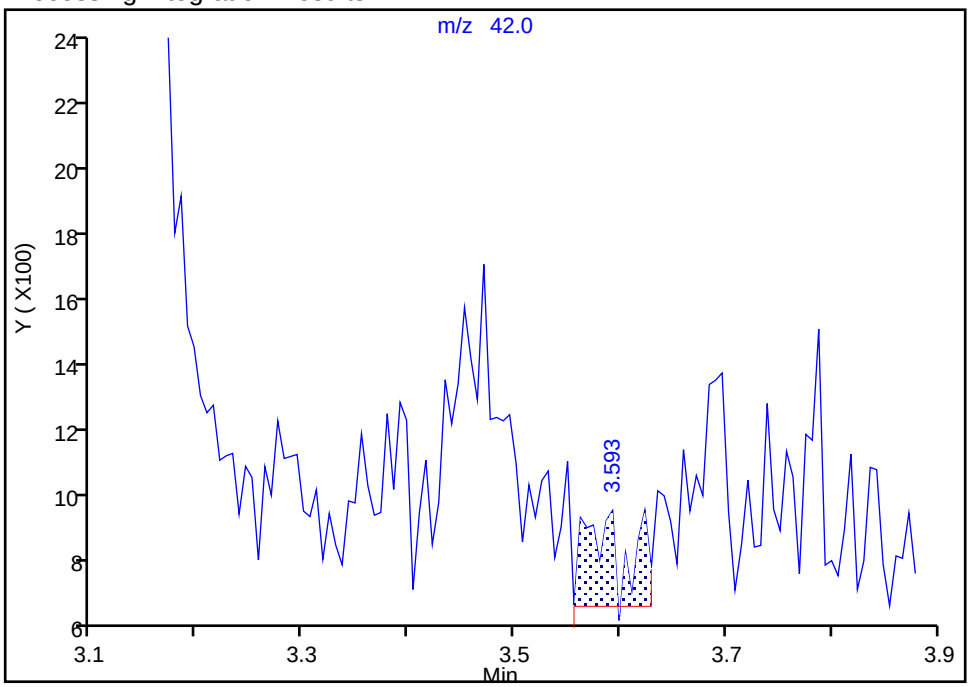
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

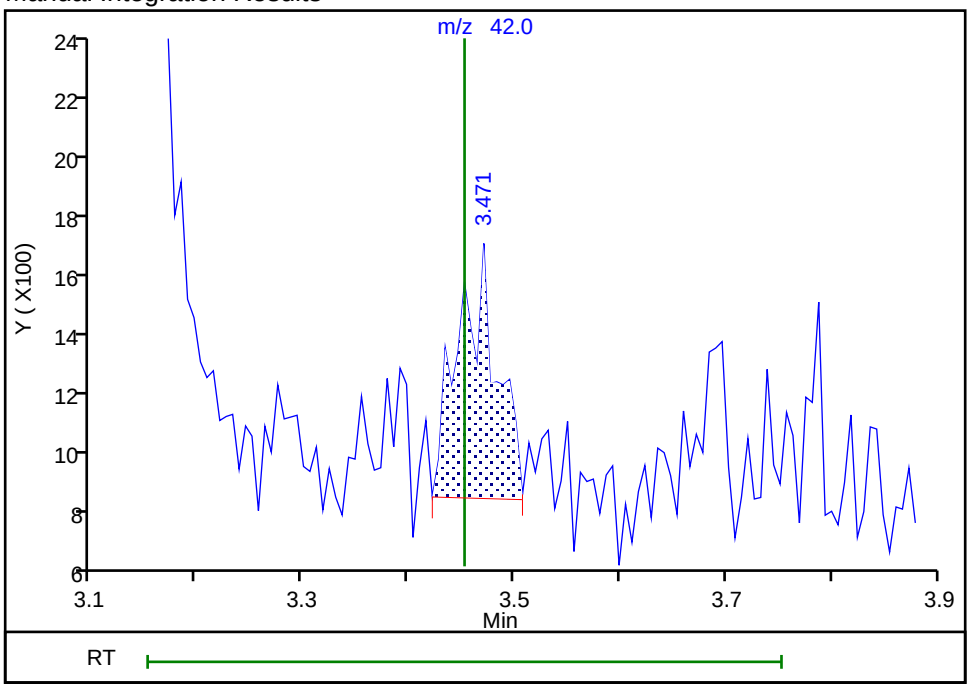
Processing Integration Results

RT: 3.59
Area: 768
Amount: 0.891844
Amount Units: ug/l




Manual Integration Results

RT: 3.47
Area: 2111
Amount: 2.332496
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:10:16 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

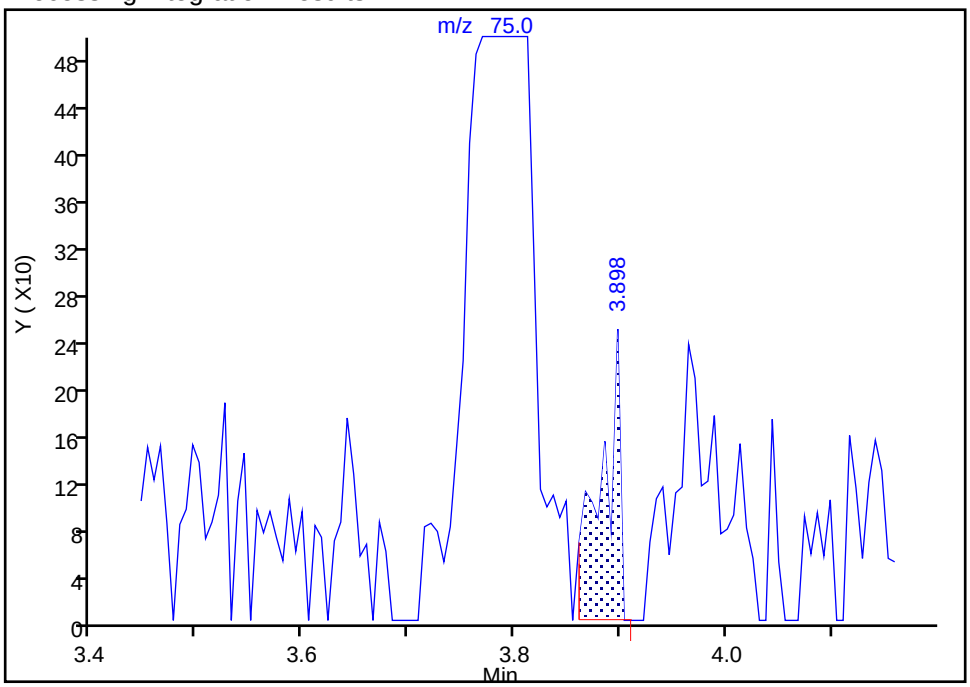
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 54 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

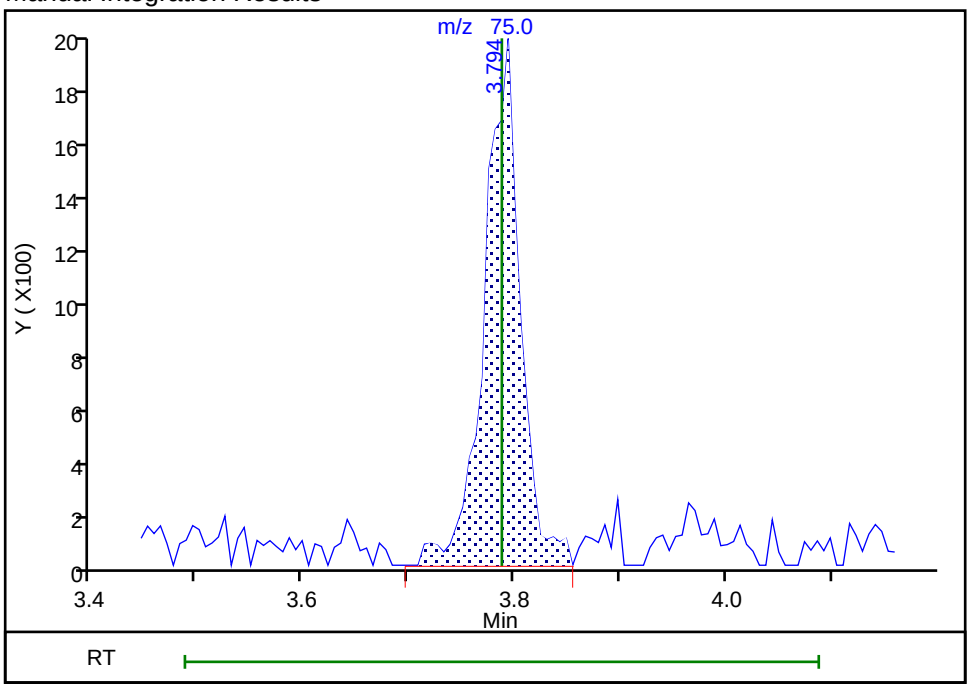
Processing Integration Results

RT: 3.90
Area: 305
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 3.79
Area: 4701
Amount: 1.109992
Amount Units: ug/l




Reviewer: PUV6, 16-Nov-2023 21:02:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

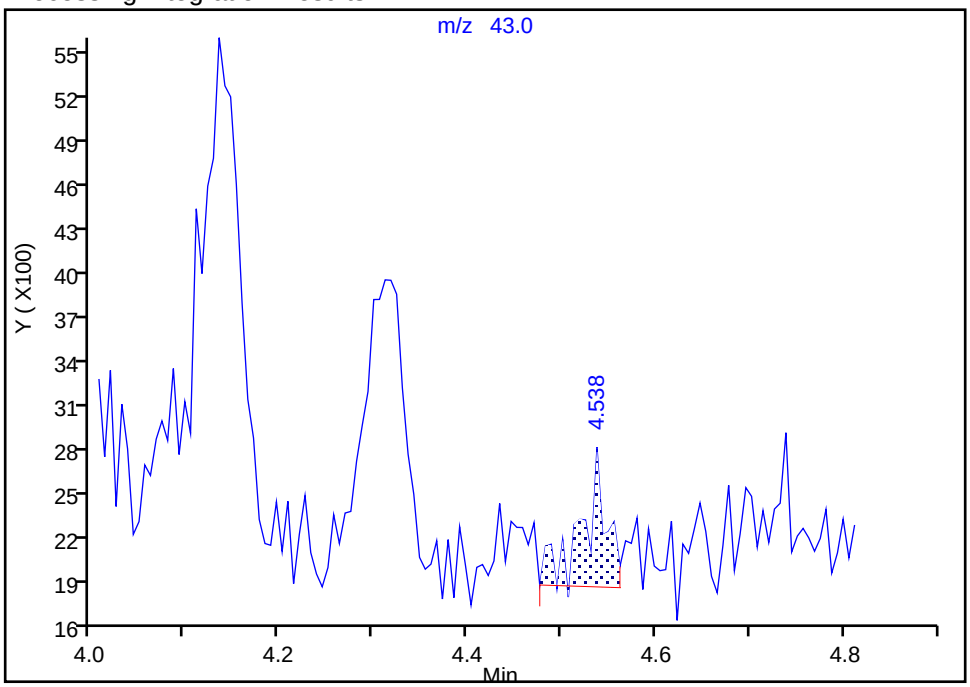
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 61 n-Heptane, CAS: 142-82-5

Signal: 1

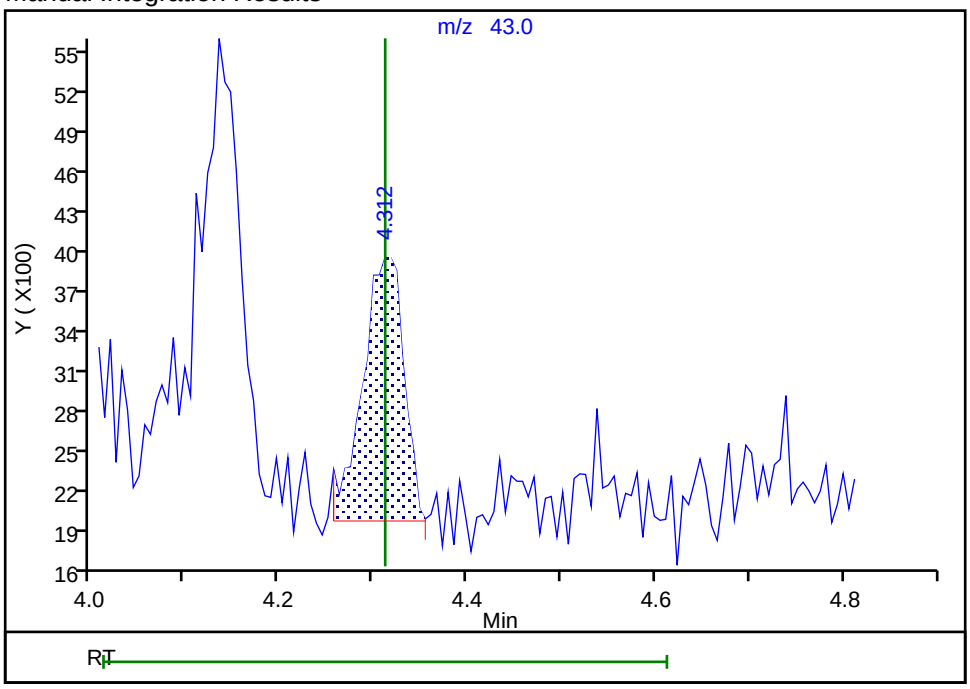
Processing Integration Results

RT: 4.54
Area: 1673
Amount: 1.000000
Amount Units: ug/l




Manual Integration Results

RT: 4.31
Area: 5997
Amount: 1.137194
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 09:10:50 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

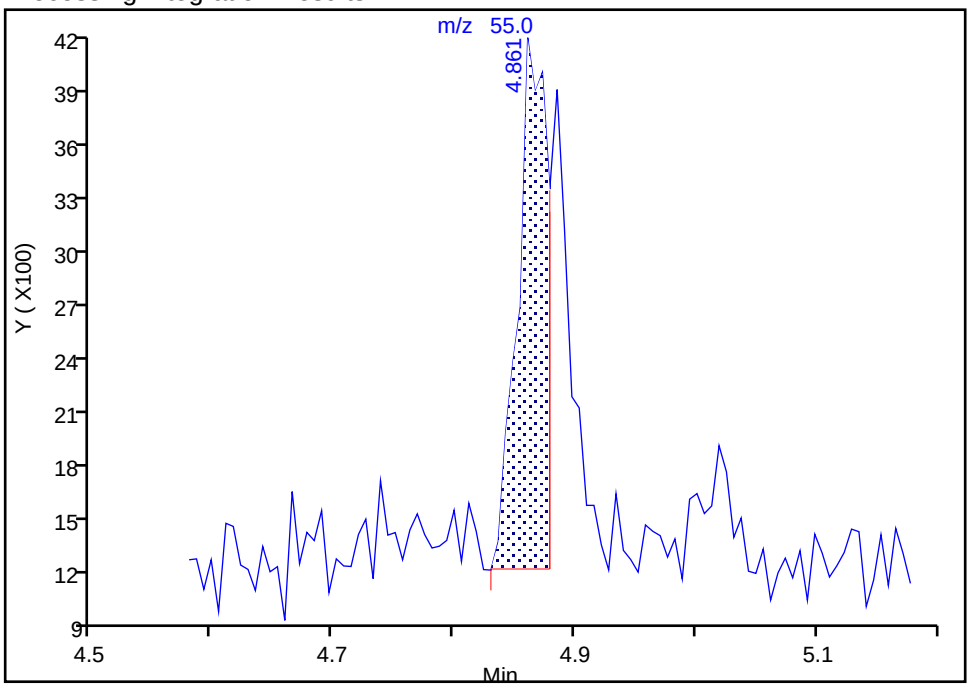
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 66 Ethyl acrylate, CAS: 140-88-5

Signal: 1

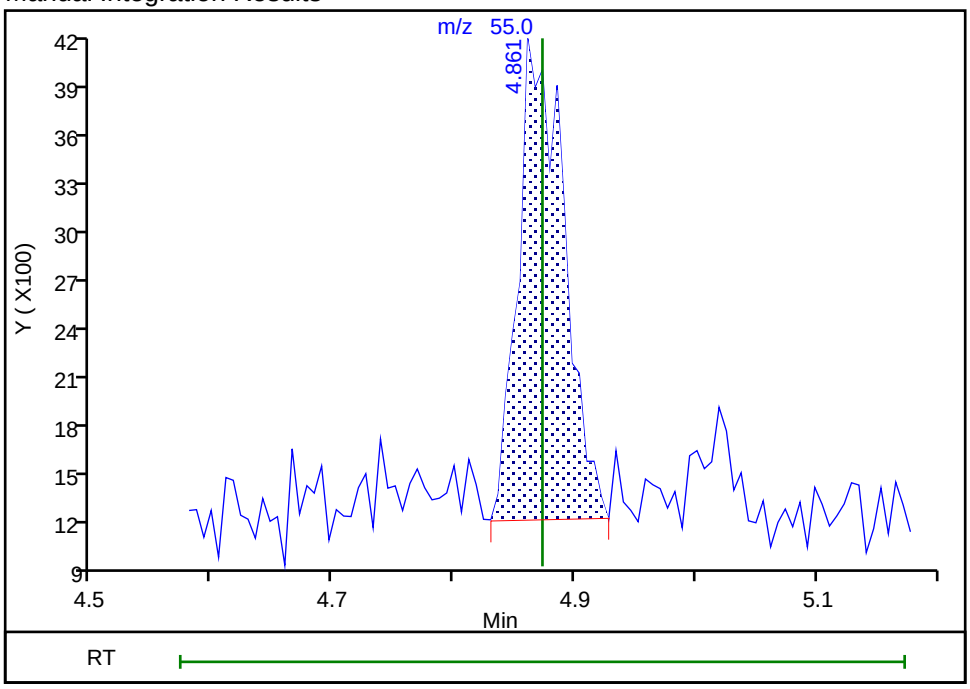
Processing Integration Results

RT: 4.86
Area: 5093
Amount: 0.696339
Amount Units: ug/l




Manual Integration Results

RT: 4.86
Area: 7725
Amount: 0.996436
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:31:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

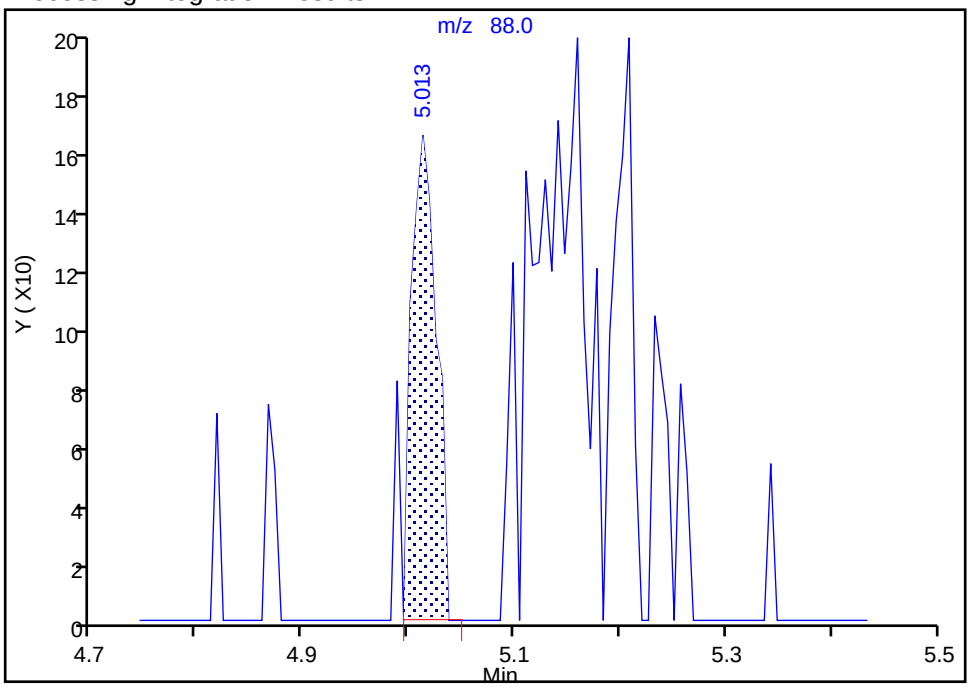
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

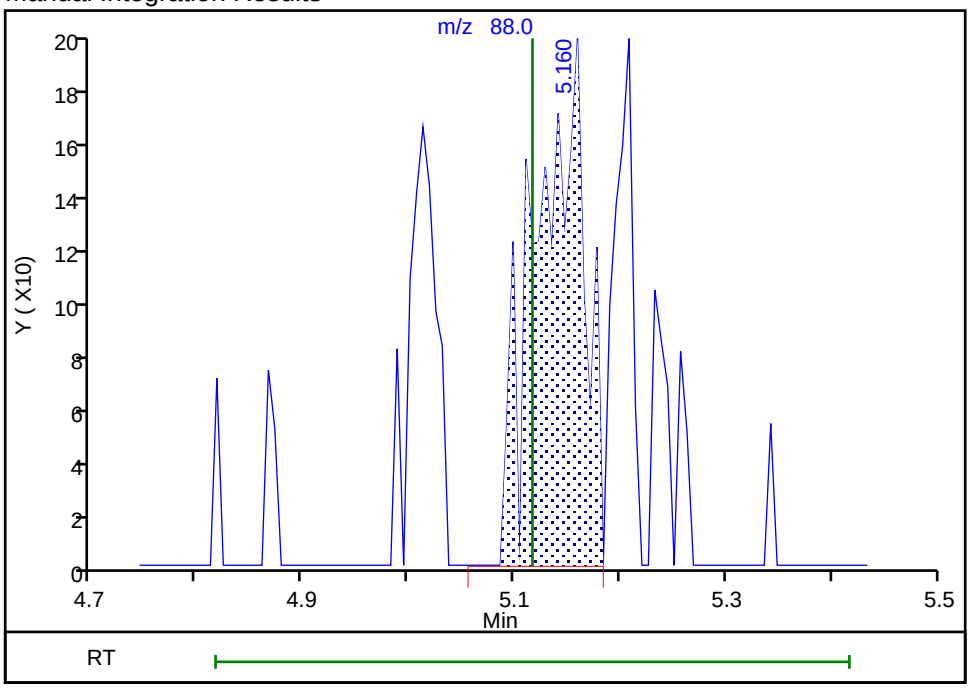
Processing Integration Results

RT: 5.01
Area: 267
Amount: 10.630806
Amount Units: ug/l




Manual Integration Results

RT: 5.16
Area: 642
Amount: 23.473292
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:31:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

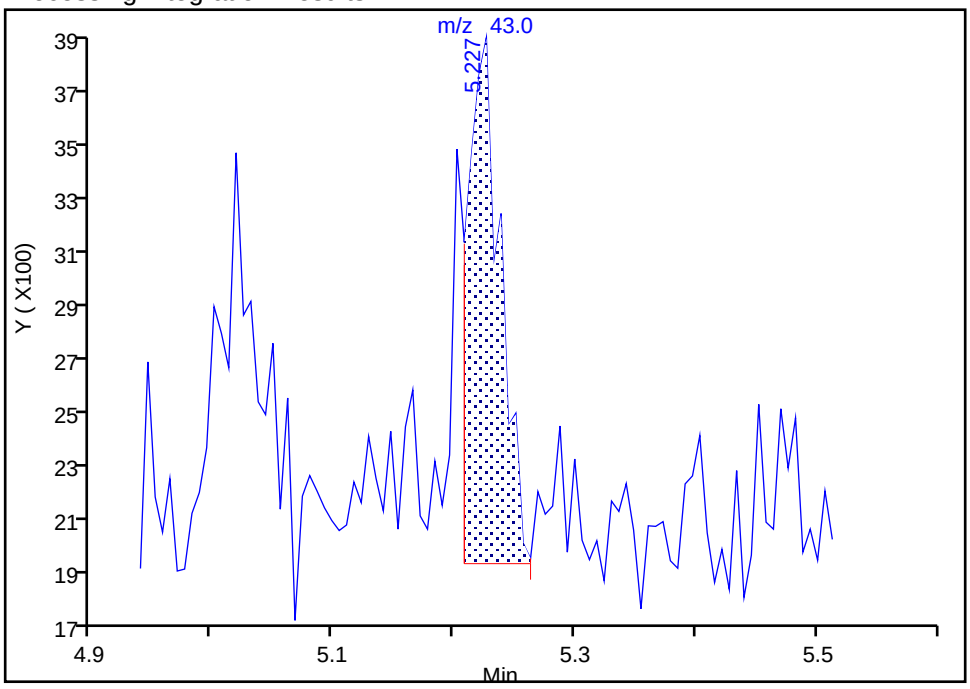
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 81 n-Propyl acetate, CAS: 109-60-4

Signal: 1

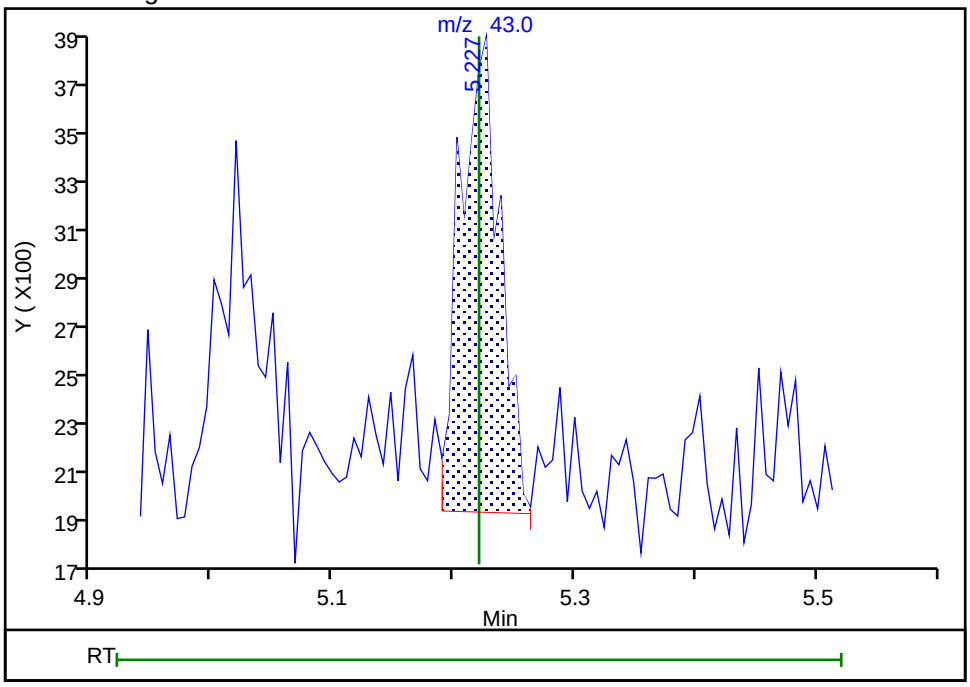
Processing Integration Results

RT: 5.23
Area: 3590
Amount: 0.894482
Amount Units: ug/l




Manual Integration Results

RT: 5.23
Area: 4366
Amount: 1.053869
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:10:49 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

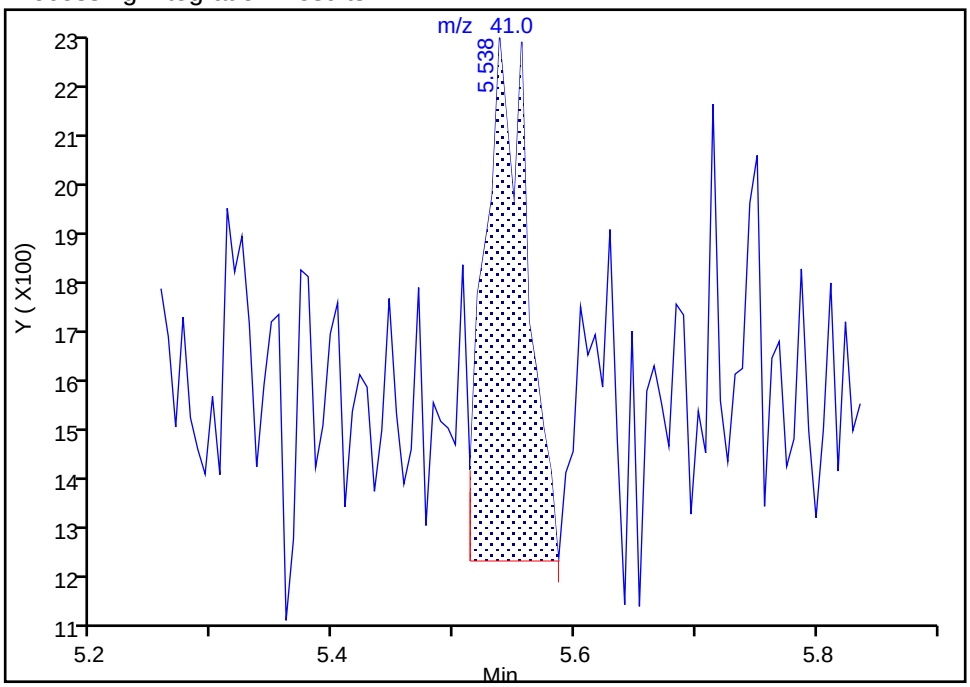
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 74 2-Nitropropane, CAS: 79-46-9

Signal: 1

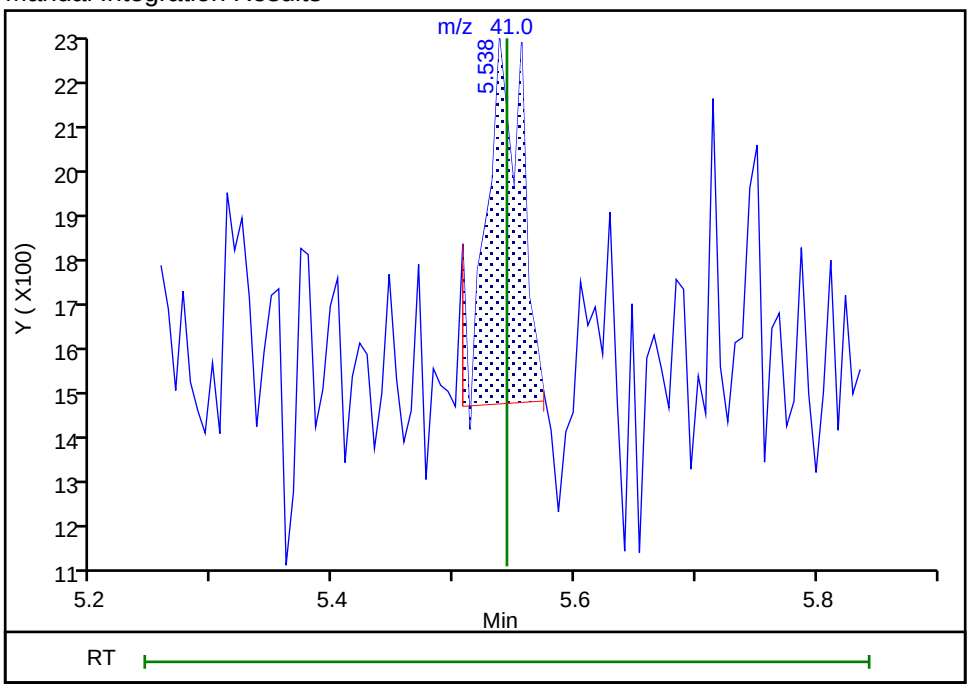
Processing Integration Results

RT: 5.54
Area: 2494
Amount: 3.689234
Amount Units: ug/l




Manual Integration Results

RT: 5.54
Area: 1621
Amount: 2.102609
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 09:06:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

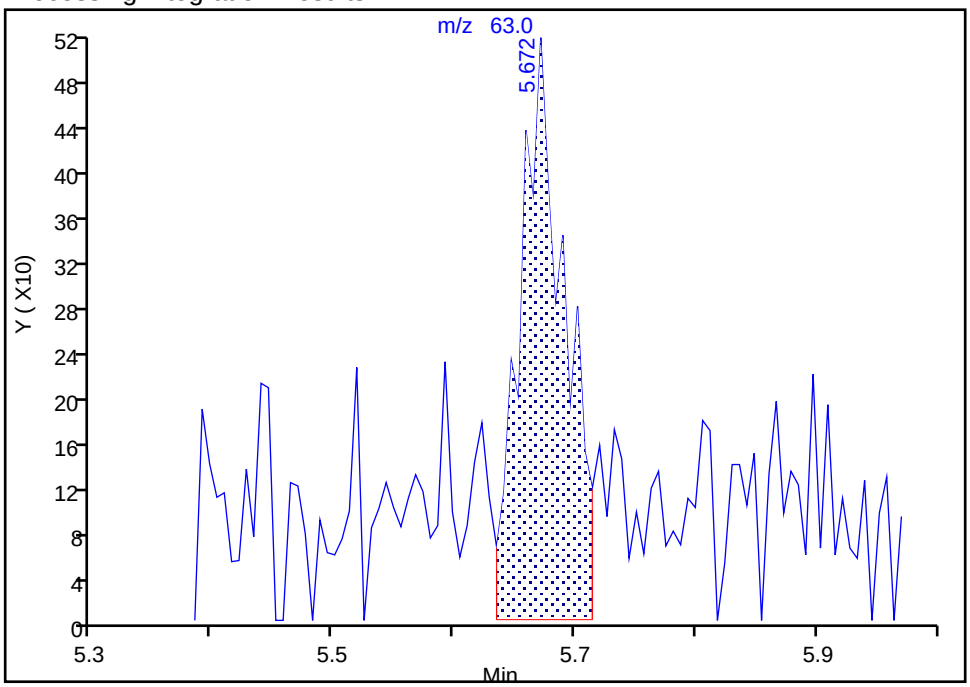
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

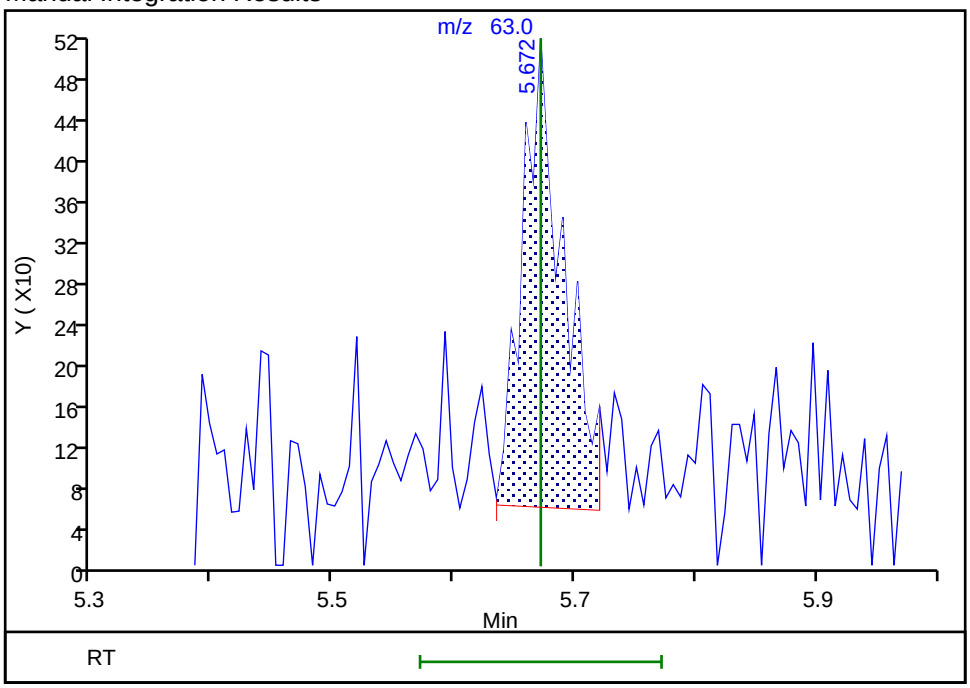
Processing Integration Results

RT: 5.67
Area: 1338
Amount: 1.932829
Amount Units: ug/l




Manual Integration Results

RT: 5.67
Area: 1091
Amount: 1.248137
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 09:06:53 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

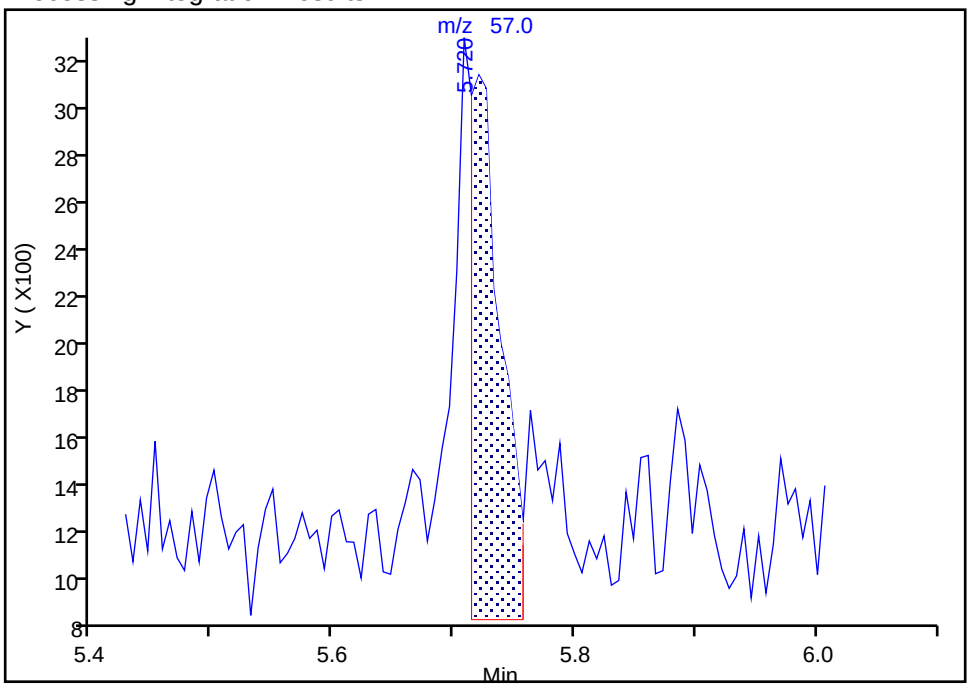
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

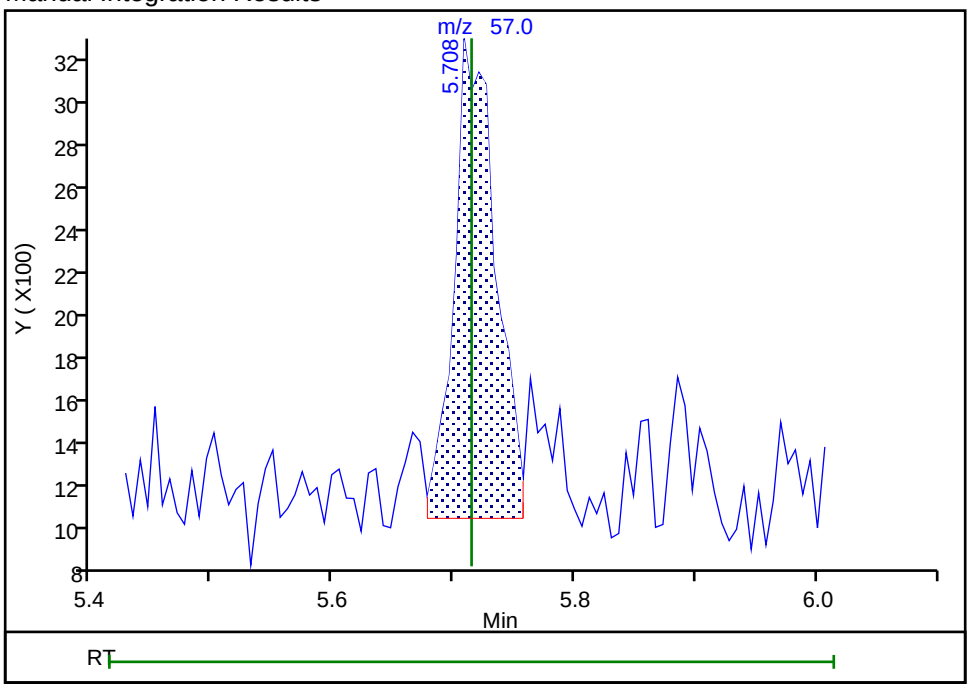
Processing Integration Results

RT: 5.72
Area: 4161
Amount: 16.846839
Amount Units: ug/l




Manual Integration Results

RT: 5.71
Area: 5284
Amount: 20.612582
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:32:10 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

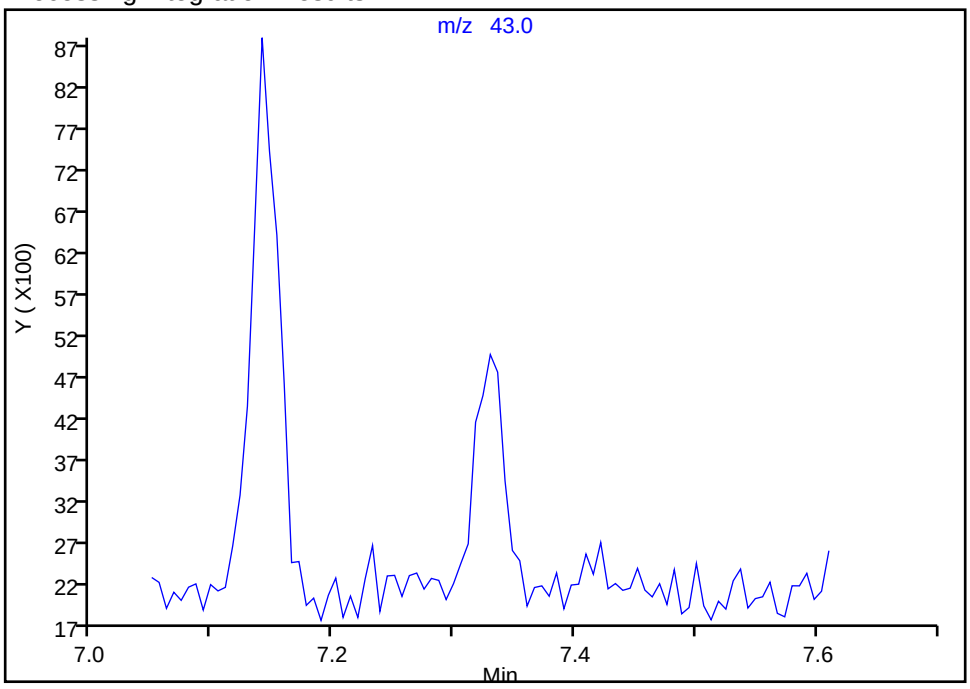
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

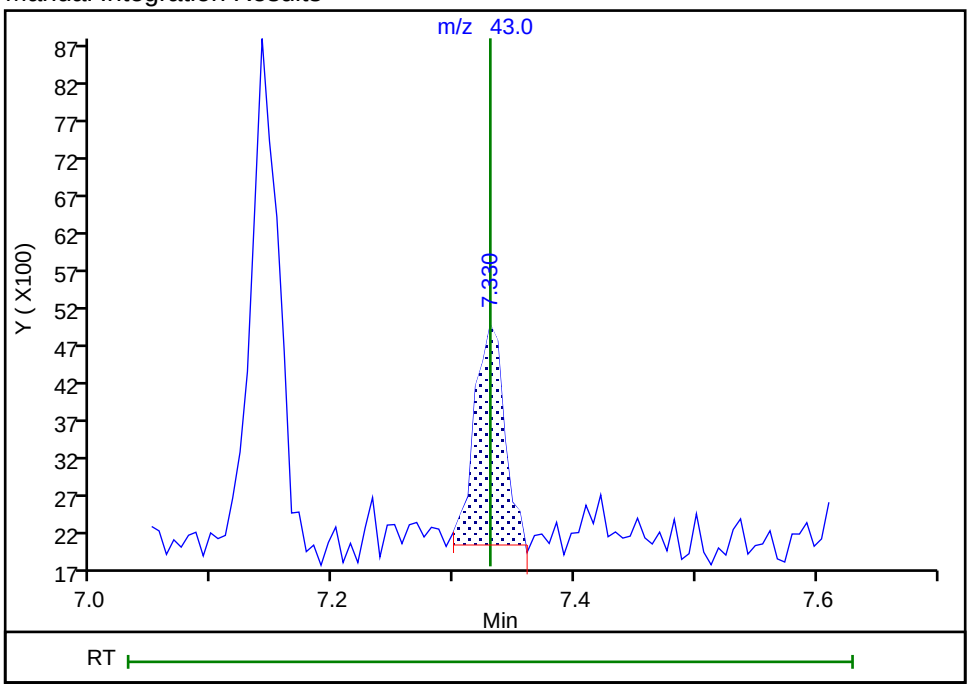
Not Detected
Expected RT: 7.33

Processing Integration Results




Manual Integration Results

RT: 7.33
Area: 5060
Amount: 1.087646
Amount Units: ug/l




Reviewer: NN6A, 17-Nov-2023 11:41:23 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

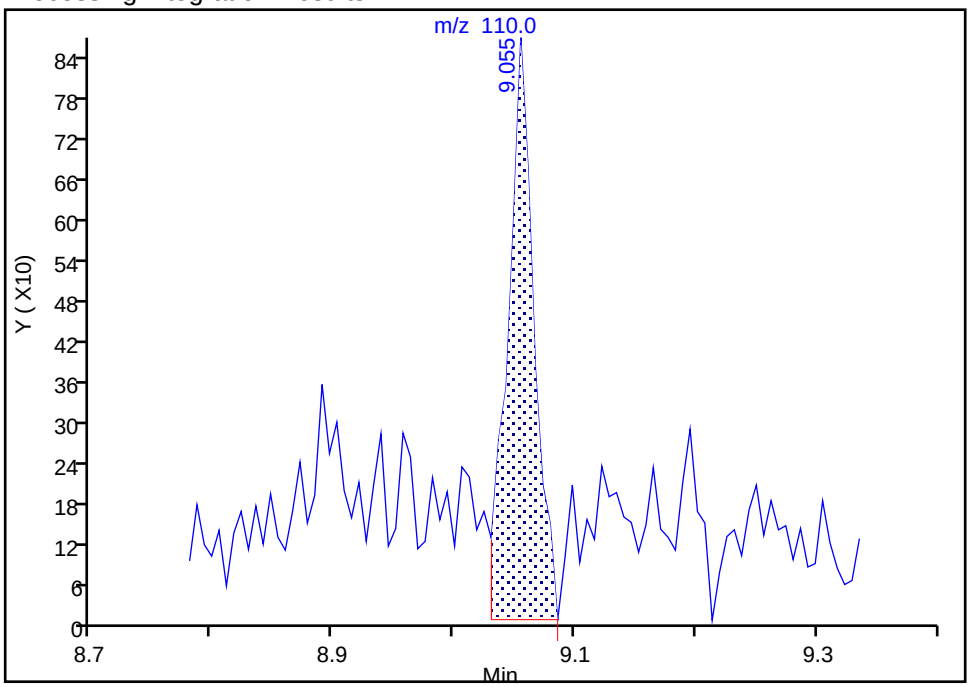
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 105 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

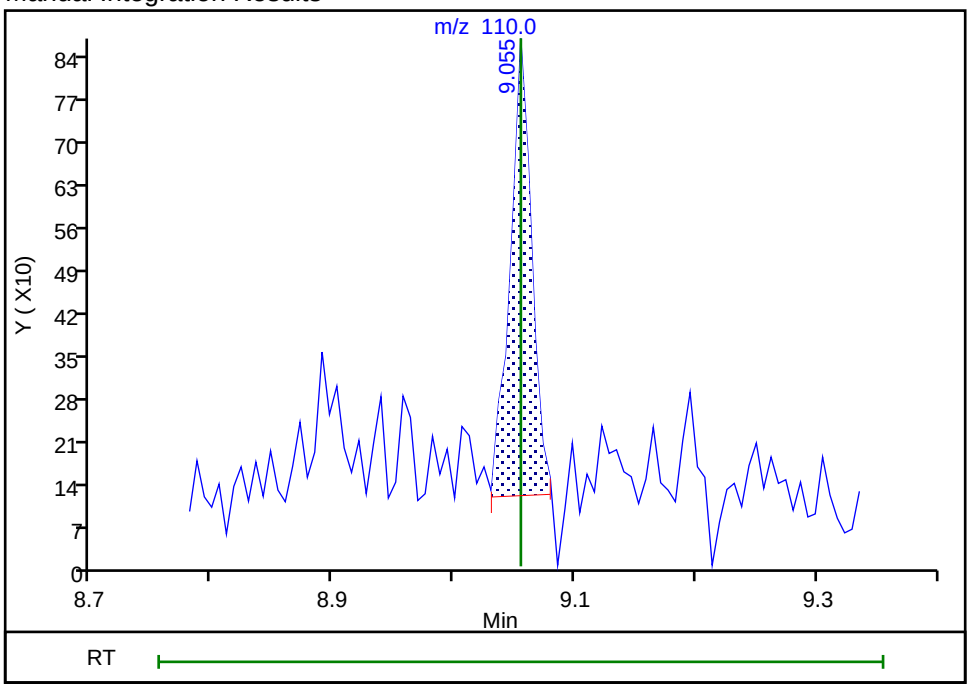
Processing Integration Results

RT: 9.06
Area: 1303
Amount: 0.995195
Amount Units: ug/l




Manual Integration Results

RT: 9.06
Area: 928
Amount: 1.108533
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 09:16:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

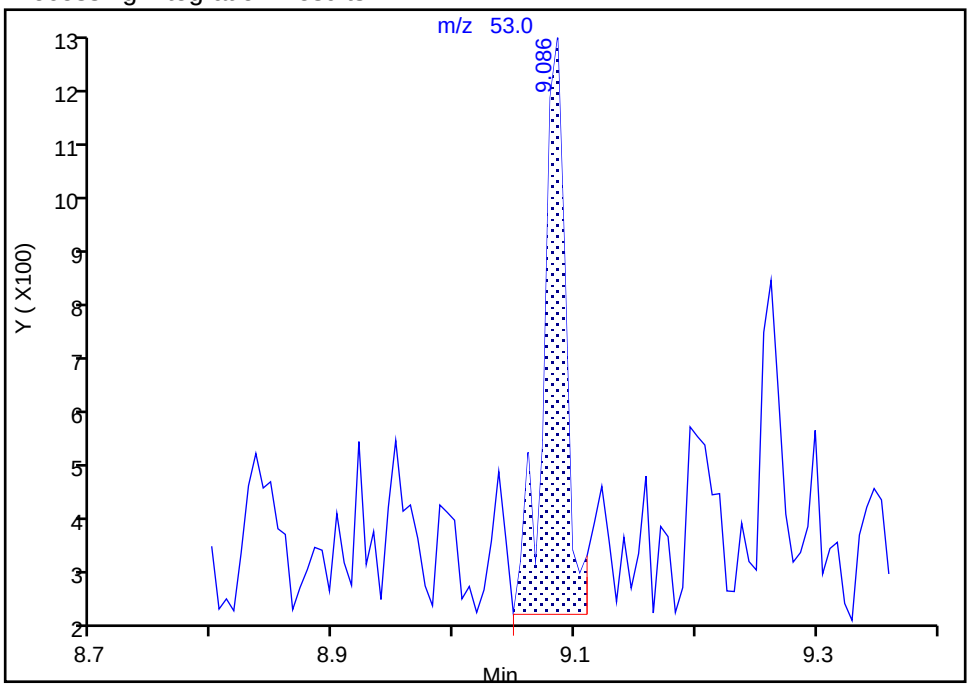
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

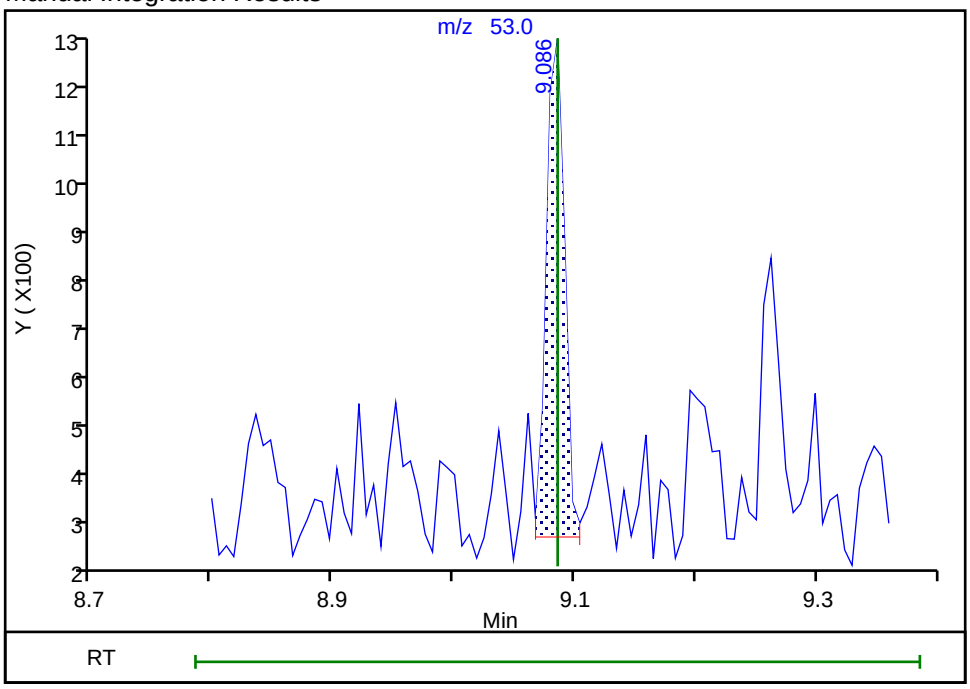
Processing Integration Results

RT: 9.09
Area: 1313
Amount: 1.257584
Amount Units: ug/l




Manual Integration Results

RT: 9.09
Area: 1020
Amount: 1.024886
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:32:38 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

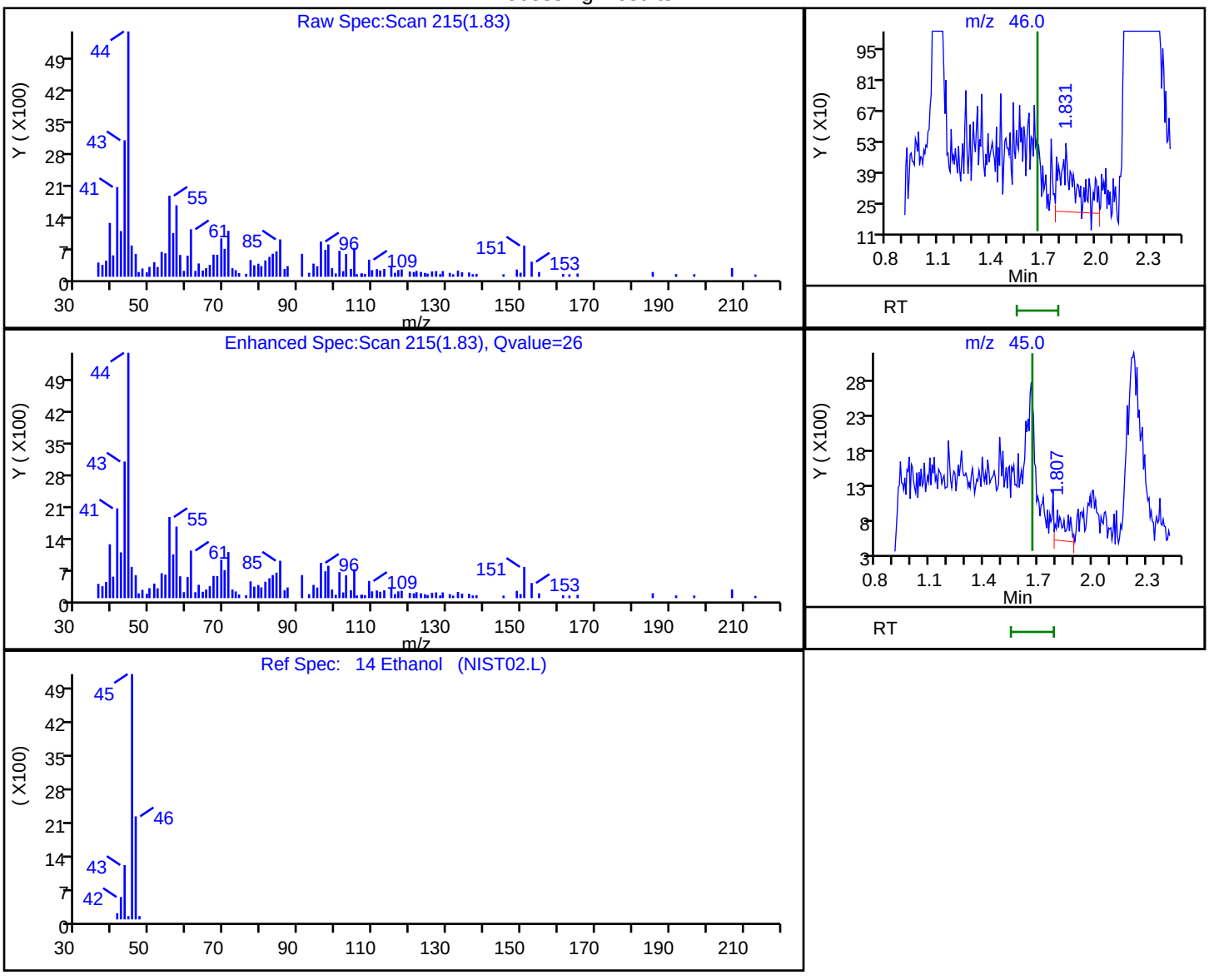
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 14 Ethanol, CAS: 64-17-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.83 | 46.00 | 1877 | 107.0995 |
| 1.81 | 45.00 | 1436 | |

Reviewer: W9CM, 17-Nov-2023 08:29:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

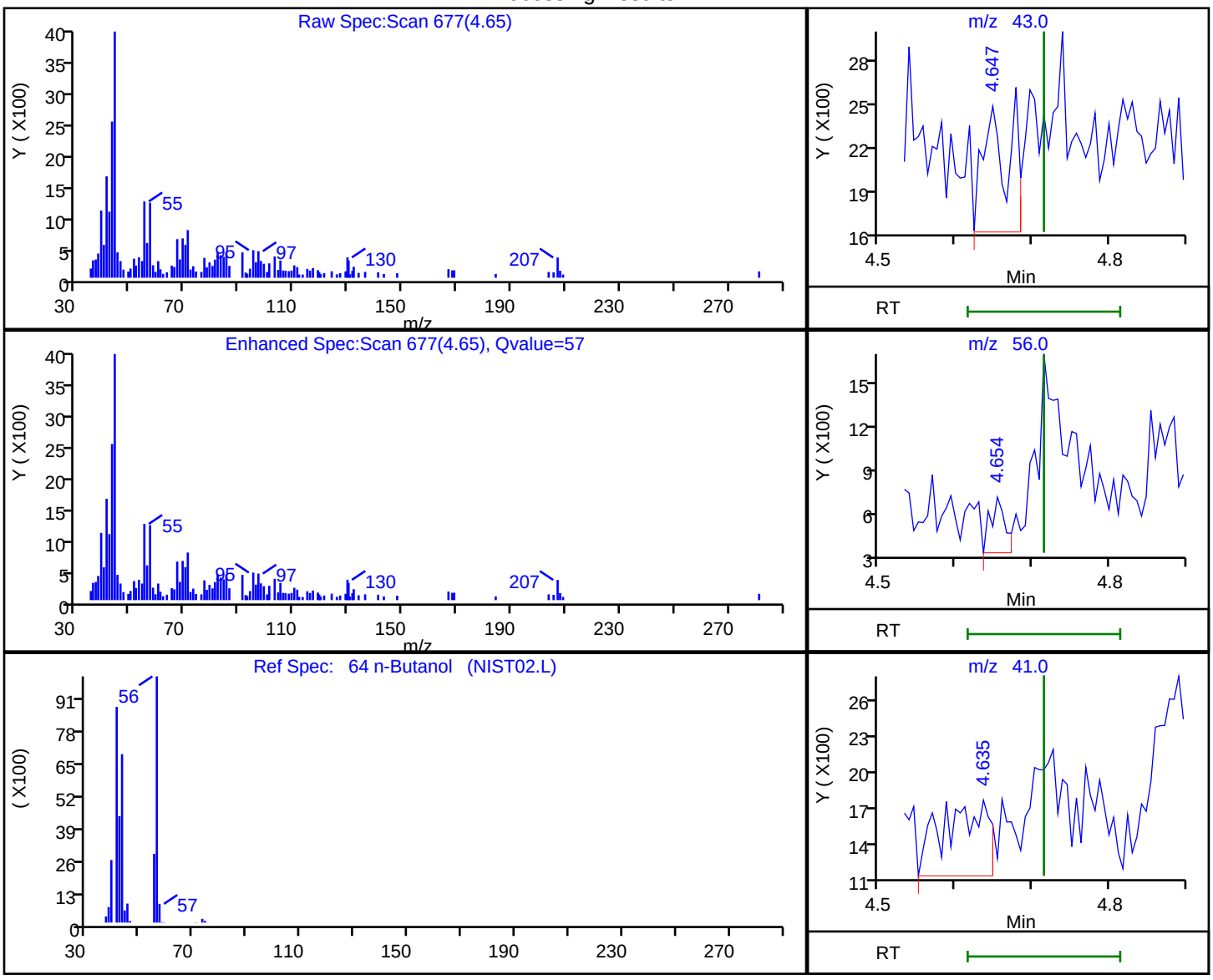
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10143.D
Injection Date: 16-Nov-2023 20:36:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 64 n-Butanol, CAS: 71-36-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.65 | 43.00 | 1893 | 32.153646 |
| 4.65 | 56.00 | 491 | |
| 4.64 | 41.00 | 2445 | |

Reviewer: W9CM, 17-Nov-2023 08:31:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 16-Nov-2023 21:00:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0169014-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub22

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Nov-2023 11:48:03 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: W9CM Date: 17-Nov-2023 11:27:30

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.898 | 0.904 | -0.006 | 96 | 12545 | 5.00 | 3.30 | M |
| 4 Chlorodifluoromethane | 67 | 0.904 | 0.910 | -0.006 | 96 | 4406 | 5.00 | 6.57 | |
| 5 Chloromethane | 50 | 0.989 | 1.002 | -0.013 | 99 | 20508 | 5.00 | 4.76 | a |
| 6 Butadiene | 54 | 1.075 | 1.075 | 0.000 | 93 | 14664 | 5.00 | 4.48 | |
| 7 Vinyl chloride | 62 | 1.075 | 1.075 | 0.000 | 93 | 19041 | 5.00 | 4.68 | |
| 8 Bromomethane | 94 | 1.258 | 1.264 | -0.006 | 97 | 12212 | 5.00 | 5.29 | |
| 9 Chloroethane | 64 | 1.319 | 1.319 | 0.000 | 98 | 12173 | 5.00 | 5.52 | |
| 10 Dichlorofluoromethane | 67 | 1.453 | 1.453 | 0.000 | 98 | 17011 | 5.00 | 3.75 | M |
| 11 Trichlorofluoromethane | 101 | 1.477 | 1.483 | -0.006 | 97 | 12742 | 5.00 | 3.82 | |
| 12 Pentane | 43 | 1.520 | 1.526 | -0.006 | 95 | 39677 | 10.0 | 7.54 | Ma |
| 13 Ethyl ether | 59 | 1.666 | 1.666 | 0.000 | 65 | 12826 | 5.00 | 4.89 | |
| 14 Ethanol | 46 | 1.636 | 1.666 | -0.030 | 60 | 3891 | 200.0 | 198.7 | M |
| 15 2-Methyl-1,3-butadiene | 53 | 1.678 | 1.679 | -0.001 | 91 | 14456 | 5.00 | 5.02 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.678 | 1.703 | -0.025 | 77 | 10294 | 5.00 | 4.42 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.727 | 1.733 | -0.006 | 47 | 19204 | 5.00 | 4.78 | a |
| 18 Acrolein | 56 | 1.752 | 1.752 | 0.000 | 97 | 91215 | 200.0 | 197.7 | |
| 19 1,1-Dichloroethene | 96 | 1.812 | 1.813 | -0.001 | 95 | 11467 | 5.00 | 4.83 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.837 | 1.837 | 0.000 | 93 | 10910 | 5.00 | 4.04 | |
| 21 Acetone | 43 | 1.861 | 1.861 | 0.000 | 85 | 19779 | 25.0 | 20.7 | |
| 22 Iodomethane | 142 | 1.910 | 1.910 | 0.000 | 99 | 22049 | 5.00 | 4.88 | |
| 23 Carbon disulfide | 76 | 1.953 | 1.953 | 0.000 | 100 | 38737 | 5.00 | 4.43 | |
| 24 Isopropyl alcohol | 45 | 1.989 | 1.989 | 0.000 | 24 | 8461 | 50.0 | 38.8 | Ma |
| 25 3-Chloro-1-propene | 39 | 2.062 | 2.063 | -0.001 | 92 | 22560 | 5.00 | 5.09 | a |
| 26 Methyl acetate | 43 | 2.099 | 2.099 | 0.000 | 99 | 19842 | 10.0 | 9.77 | |
| 27 Acetonitrile | 39 | 2.111 | 2.124 | -0.013 | 28 | 7471 | 50.0 | 39.2 | M |
| 28 Methylene Chloride | 84 | 2.160 | 2.154 | 0.006 | 97 | 15497 | 5.00 | 5.03 | |
| * 29 TBA-d9 (IS) | 65 | 2.239 | 2.227 | 0.012 | 0 | 339685 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.294 | 2.294 | 0.000 | 91 | 20961 | 50.0 | 54.5 | |
| 31 Acrylonitrile | 53 | 2.343 | 2.343 | 0.000 | 95 | 49197 | 50.0 | 51.0 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.355 | 2.361 | -0.006 | 98 | 14211 | 5.00 | 5.00 | |

| 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 | 2.379 | 2.374 | 0.005 | 97 | 40177 | 5.00 | 5.13 | |
| 34 Hexane | 57 | 2.575 | 2.581 | -0.006 | 91 | 17465 | 5.00 | 3.70 | |
| 35 1,1-Dichloroethane | 63 | 2.684 | 2.691 | -0.007 | 99 | 29721 | 5.00 | 4.98 | |
| 36 Vinyl acetate | 86 | 2.739 | 2.745 | -0.006 | 100 | 5206 | 10.0 | 10.4 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.757 | 2.758 | -0.001 | 91 | 12810 | 5.00 | 4.73 | |
| 38 Isopropyl ether | 45 | 2.776 | 2.776 | 0.000 | 87 | 52666 | 5.00 | 4.91 | |
| 39 Tert-butyl ethyl ether | 87 | 3.087 | 3.081 | 0.006 | 89 | 17886 | 5.00 | 5.32 | |
| * 40 2-Butanone-d5 | 46 | 3.154 | 3.154 | 0.000 | 0 | 315776 | 250.0 | 250.0 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.172 | 3.178 | -0.006 | 91 | 16112 | 5.00 | 5.11 | |
| 42 2,2-Dichloropropane | 79 | 3.184 | 3.184 | 0.000 | 59 | 7702 | 5.00 | 5.12 | a |
| 43 2-Butanone (MEK) | 72 | 3.215 | 3.215 | 0.000 | 98 | 8995 | 25.0 | 26.6 | |
| 44 Propionitrile | 54 | 3.257 | 3.258 | -0.001 | 95 | 19077 | 50.0 | 52.7 | |
| 45 Ethyl acetate | 43 | 3.276 | 3.276 | 0.000 | 100 | 32270 | 10.0 | 10.9 | |
| 62 Methyl acrylate | 55 | 3.294 | 3.300 | -0.006 | 98 | 15744 | 5.00 | 5.36 | |
| 46 Chlorobromomethane | 128 | 3.385 | 3.386 | -0.001 | 48 | 7315 | 5.00 | 5.17 | |
| 47 Methacrylonitrile | 67 | 3.385 | 3.386 | -0.001 | 95 | 52955 | 50.0 | 50.1 | |
| 48 Tetrahydrofuran | 42 | 3.452 | 3.453 | -0.001 | 85 | 9484 | 10.0 | 10.3 | |
| 49 Chloroform | 83 | 3.477 | 3.477 | 0.000 | 98 | 27167 | 5.00 | 5.11 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.623 | 3.623 | 0.000 | 96 | 167479 | 50.0 | 47.7 | |
| 51 1,1,1-Trichloroethane | 97 | 3.635 | 3.635 | 0.000 | 43 | 20613 | 5.00 | 4.37 | |
| 52 Cyclohexane | 84 | 3.684 | 3.690 | -0.006 | 93 | 17284 | 5.00 | 3.95 | |
| 54 1,1-Dichloropropene | 75 | 3.788 | 3.788 | 0.000 | 92 | 19389 | 5.00 | 4.56 | |
| 53 Carbon tetrachloride | 117 | 3.794 | 3.794 | 0.000 | 80 | 18492 | 5.00 | 4.67 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.934 | 3.934 | 0.000 | 0 | 198202 | 50.0 | 47.9 | |
| 56 Benzene | 78 | 3.989 | 3.989 | 0.000 | 97 | 58104 | 5.00 | 4.77 | |
| 58 Isobutyl alcohol | 42 | 3.995 | 4.001 | -0.006 | 60 | 13507 | 125.0 | 137.6 | |
| 57 1,2-Dichloroethane | 62 | 4.007 | 4.013 | -0.006 | 96 | 20319 | 5.00 | 4.89 | |
| 73 Isopropyl acetate | 61 | 4.135 | 4.141 | -0.006 | 91 | 5405 | 5.00 | 5.08 | |
| 59 Tert-amyl methyl ether | 73 | 4.141 | 4.148 | -0.007 | 78 | 43799 | 5.00 | 5.35 | |
| * 60 Fluorobenzene | 96 | 4.282 | 4.282 | 0.000 | 98 | 607322 | 50.0 | 50.0 | |
| 61 n-Heptane | 43 | 4.318 | 4.312 | 0.006 | 85 | 22137 | 5.00 | 4.18 | Ma |
| 63 Trichloroethene | 95 | 4.672 | 4.678 | -0.006 | 96 | 15022 | 5.00 | 4.94 | |
| 64 n-Butanol | 43 | 4.708 | 4.715 | -0.007 | 86 | 4881 | 125.0 | 96.3 | M |
| 66 Ethyl acrylate | 55 | 4.867 | 4.873 | -0.006 | 97 | 33564 | 5.00 | 4.31 | |
| 65 Methylcyclohexane | 83 | 4.885 | 4.885 | 0.000 | 95 | 20363 | 5.00 | 3.86 | |
| 67 1,2-Dichloropropane | 63 | 4.922 | 4.922 | 0.000 | 94 | 16381 | 5.00 | 4.94 | |
| 68 Dibromomethane | 93 | 5.037 | 5.044 | -0.007 | 96 | 8858 | 5.00 | 5.00 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.062 | 5.056 | 0.006 | 0 | 25718 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.117 | 5.117 | 0.000 | 33 | 2921 | 100.0 | 109.9 | |
| 71 Methyl methacrylate | 100 | 5.129 | 5.123 | 0.006 | 94 | 7075 | 10.0 | 9.98 | |
| 81 n-Propyl acetate | 43 | 5.220 | 5.221 | -0.001 | 99 | 21795 | 5.00 | 5.24 | |
| 72 Dichlorobromomethane | 83 | 5.257 | 5.257 | 0.000 | 98 | 18924 | 5.00 | 4.84 | |
| 74 2-Nitropropane | 41 | 5.550 | 5.544 | 0.006 | 94 | 8520 | 10.0 | 11.0 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.671 | 5.672 | -0.001 | 91 | 4156 | 5.01 | 4.74 | |
| 76 Epichlorohydrin | 57 | 5.714 | 5.714 | 0.000 | 99 | 26743 | 100.0 | 102.8 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.812 | 5.812 | 0.000 | 95 | 25447 | 5.00 | 5.03 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.056 | 6.056 | 0.000 | 99 | 74198 | 25.0 | 26.1 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.141 | 6.141 | 0.000 | 98 | 736153 | 50.0 | 47.9 | |
| 80 Toluene | 91 | 6.220 | 6.220 | 0.000 | 94 | 62288 | 5.00 | 4.75 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.555 | 6.556 | -0.001 | 97 | 22186 | 5.00 | 4.97 | |
| 84 Ethyl methacrylate | 69 | 6.751 | 6.751 | 0.000 | 90 | 19791 | 5.00 | 5.28 | |
| 83 1,1,2-Trichloroethane | 83 | 6.781 | 6.781 | 0.000 | 95 | 10196 | 5.00 | 4.98 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Tetrachloroethene | 166 | 6.927 | 6.928 | -0.001 | 93 | 13846 | 5.00 | 4.77 | |
| 86 1,3-Dichloropropane | 76 | 6.976 | 6.976 | 0.000 | 96 | 20788 | 5.00 | 4.87 | |
| 87 2-Hexanone | 43 | 7.141 | 7.141 | 0.000 | 98 | 52435 | 25.0 | 25.3 | |
| 88 Chlorodibromomethane | 129 | 7.226 | 7.226 | 0.000 | 95 | 12946 | 5.00 | 4.94 | |
| 89 Ethylene Dibromide | 107 | 7.324 | 7.324 | 0.000 | 99 | 12541 | 5.00 | 5.18 | |
| 90 n-Butyl acetate | 43 | 7.330 | 7.330 | 0.000 | 99 | 24534 | 5.00 | 5.16 | Ma |
| * 91 Chlorobenzene-d5 | 117 | 7.824 | 7.824 | 0.000 | 88 | 485526 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.854 | 7.854 | 0.000 | 93 | 38263 | 5.00 | 4.89 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.952 | 7.952 | 0.000 | 94 | 13159 | 5.00 | 4.70 | |
| 94 Ethylbenzene | 106 | 7.988 | 7.988 | 0.000 | 99 | 21456 | 5.00 | 4.84 | |
| 95 m-Xylene & p-Xylene | 106 | 8.104 | 8.104 | 0.000 | 0 | 26655 | 5.00 | 4.89 | |
| 96 o-Xylene | 106 | 8.451 | 8.452 | -0.001 | 93 | 26461 | 5.00 | 4.97 | |
| 97 Styrene | 104 | 8.470 | 8.470 | 0.000 | 94 | 42061 | 5.00 | 4.69 | |
| 98 n-Butyl acrylate | 73 | 8.488 | 8.488 | 0.000 | 96 | 10467 | 5.00 | 4.65 | |
| 99 Bromoform | 173 | 8.604 | 8.604 | 0.000 | 95 | 8377 | 5.00 | 4.88 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.695 | 8.695 | 0.000 | 87 | 29126 | 5.00 | 5.03 | M |
| 102 Isopropylbenzene | 105 | 8.781 | 8.781 | 0.000 | 97 | 65630 | 5.00 | 4.79 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.890 | 8.891 | -0.001 | 85 | 205303 | 50.0 | 48.2 | |
| 104 Bromobenzene | 156 | 8.994 | 8.994 | 0.000 | 96 | 16200 | 5.00 | 5.01 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.037 | 9.037 | 0.000 | 98 | 16319 | 5.00 | 5.08 | |
| 105 1,2,3-Trichloropropane | 110 | 9.055 | 9.055 | 0.000 | 95 | 4814 | 5.00 | 5.51 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.085 | 9.086 | -0.001 | 85 | 5262 | 5.00 | 5.06 | a |
| 108 N-Propylbenzene | 120 | 9.116 | 9.116 | 0.000 | 99 | 18431 | 5.00 | 4.80 | |
| 109 2-Chlorotoluene | 126 | 9.165 | 9.165 | 0.000 | 97 | 16570 | 5.00 | 5.01 | |
| 110 4-Ethyltoluene | 105 | 9.213 | 9.214 | -0.001 | 99 | 69141 | 5.00 | 4.95 | |
| 111 4-Chlorotoluene | 91 | 9.256 | 9.256 | 0.000 | 99 | 59185 | 5.00 | 4.91 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.268 | 9.262 | 0.006 | 92 | 56341 | 5.00 | 4.70 | |
| 100 Butyl Methacrylate | 87 | 9.372 | 9.372 | 0.000 | 95 | 18711 | 5.00 | 4.71 | |
| 113 tert-Butylbenzene | 119 | 9.512 | 9.512 | 0.000 | 93 | 46930 | 5.00 | 4.77 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.549 | 9.549 | 0.000 | 98 | 60262 | 5.00 | 4.84 | |
| 115 sec-Butylbenzene | 105 | 9.677 | 9.677 | 0.000 | 99 | 72691 | 5.00 | 4.78 | |
| 116 1,3-Dichlorobenzene | 146 | 9.738 | 9.738 | 0.000 | 94 | 32433 | 5.00 | 5.12 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.787 | 9.787 | 0.000 | 98 | 264267 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.793 | 9.793 | 0.000 | 97 | 63438 | 5.00 | 4.83 | |
| 118 1,4-Dichlorobenzene | 146 | 9.805 | 9.805 | 0.000 | 94 | 32100 | 5.00 | 4.98 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.854 | 9.854 | 0.000 | 99 | 62585 | 5.00 | 4.97 | |
| 121 Benzyl chloride | 126 | 9.908 | 9.909 | -0.001 | 97 | 6123 | 5.00 | 4.75 | |
| 122 2,3-Dihydroindene | 117 | 9.988 | 9.988 | 0.000 | 94 | 55723 | 5.00 | 4.98 | |
| 124 p-Diethylbenzene | 119 | 10.067 | 10.067 | 0.000 | 92 | 39388 | 5.00 | 4.94 | |
| 123 1,2-Dichlorobenzene | 146 | 10.073 | 10.073 | 0.000 | 90 | 29949 | 5.00 | 5.02 | |
| 125 n-Butylbenzene | 92 | 10.085 | 10.085 | 0.000 | 98 | 35883 | 5.00 | 4.87 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.616 | 10.610 | 0.006 | 97 | 60374 | 5.00 | 4.91 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.622 | 10.622 | 0.000 | 90 | 3419 | 5.00 | 5.17 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.768 | 10.768 | 0.000 | 96 | 25828 | 5.00 | 5.03 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.189 | 11.183 | 0.006 | 94 | 23884 | 5.00 | 4.95 | |
| 130 Hexachlorobutadiene | 225 | 11.311 | 11.311 | 0.000 | 91 | 12174 | 5.00 | 4.97 | |
| 131 Naphthalene | 128 | 11.347 | 11.347 | 0.000 | 99 | 50235 | 5.00 | 4.94 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.524 | 11.524 | 0.000 | 96 | 21982 | 5.00 | 5.10 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 10.1 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 10.0 | 10.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 10.0 | 9.86 | |
| S 136 Total BTEX | 1 | | | | 0 | | 25.0 | 24.2 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00179 | Amount Added: | 5.00 | Units: uL | |
| 524FREONS_00010 | Amount Added: | 5.00 | Units: uL | |
| GASES Li_00557 | Amount Added: | 5.00 | Units: uL | |
| EthyhexAcr_Li_00005 | Amount Added: | 5.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Nov-2023 11:48:04 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D

Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2 Operator ID:

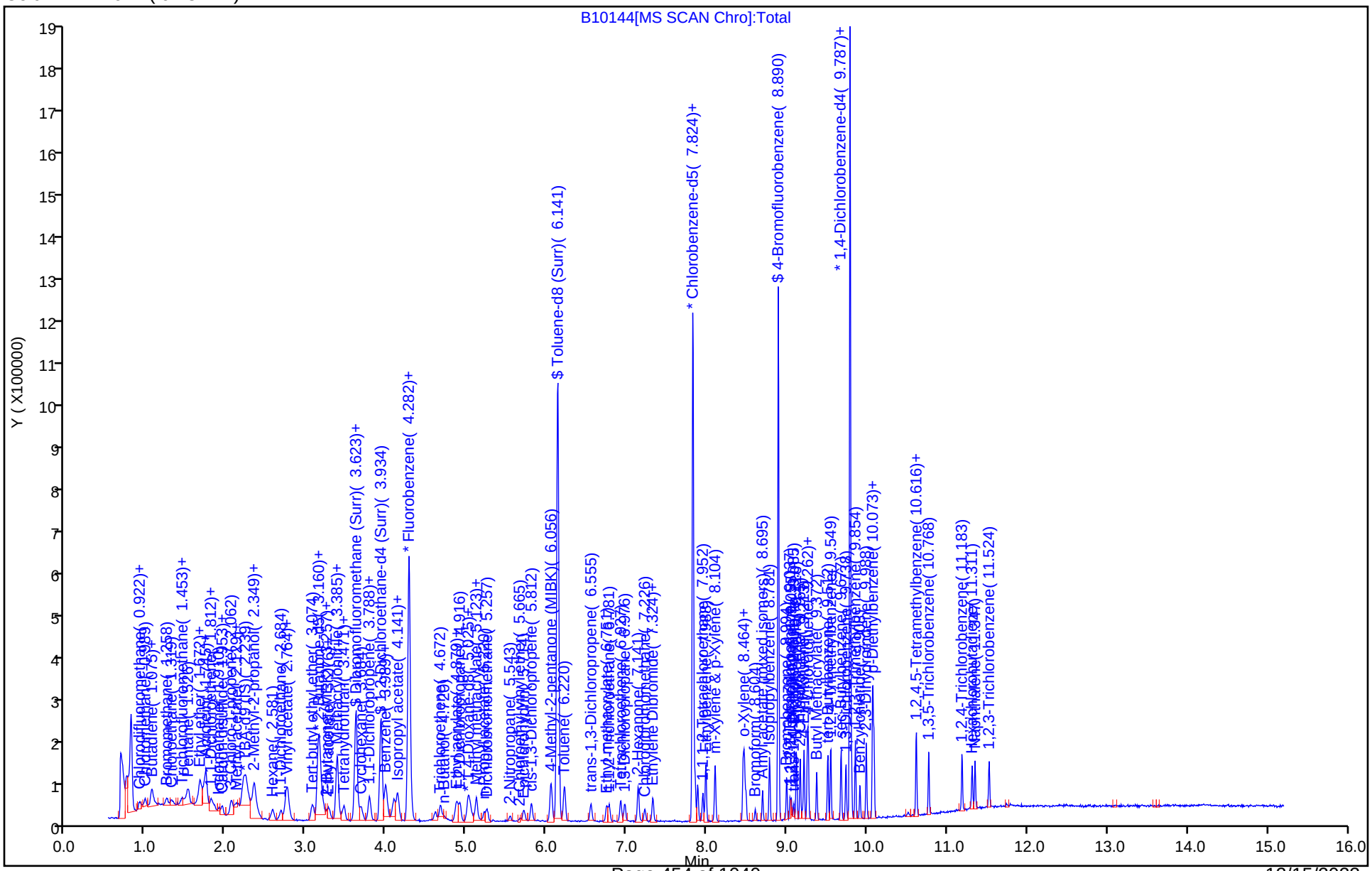
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

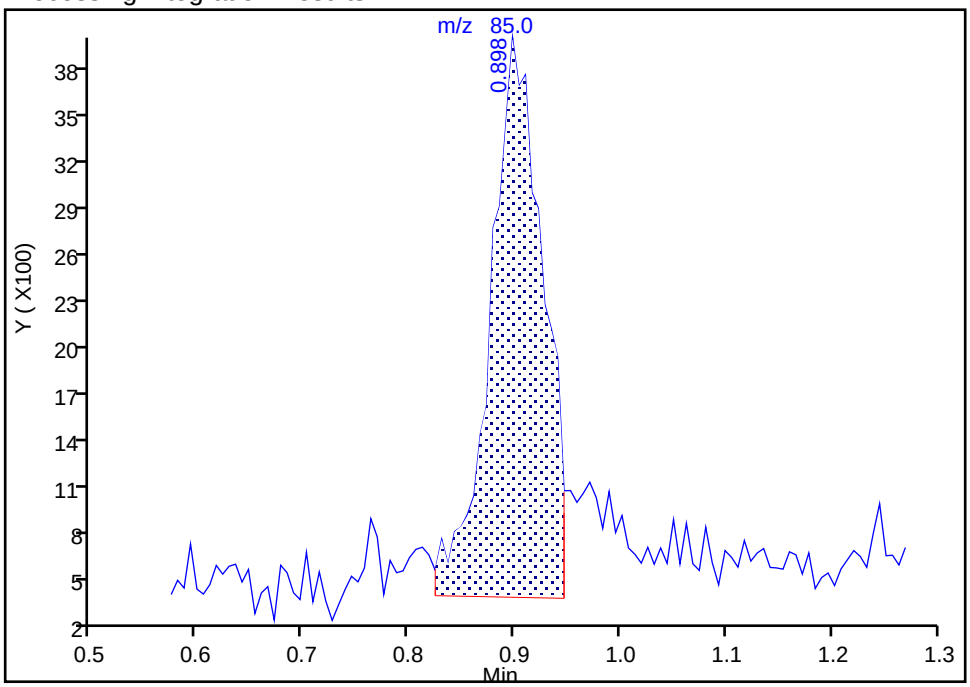
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

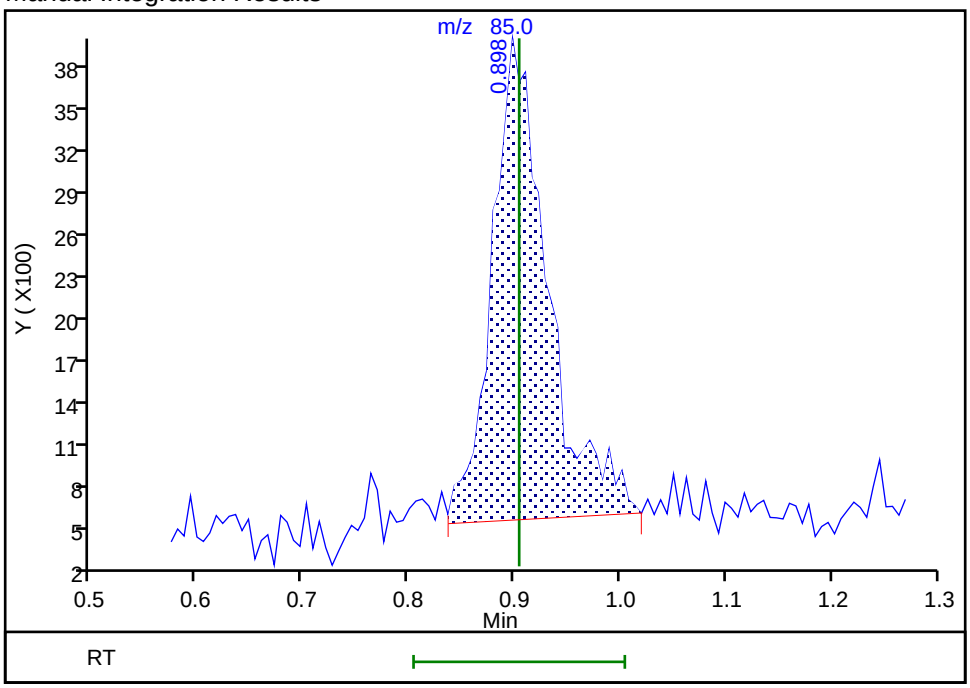
Processing Integration Results

RT: 0.90
Area: 12607
Amount: 3.616652
Amount Units: ug/l




Manual Integration Results

RT: 0.90
Area: 12545
Amount: 3.299948
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:12:11 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

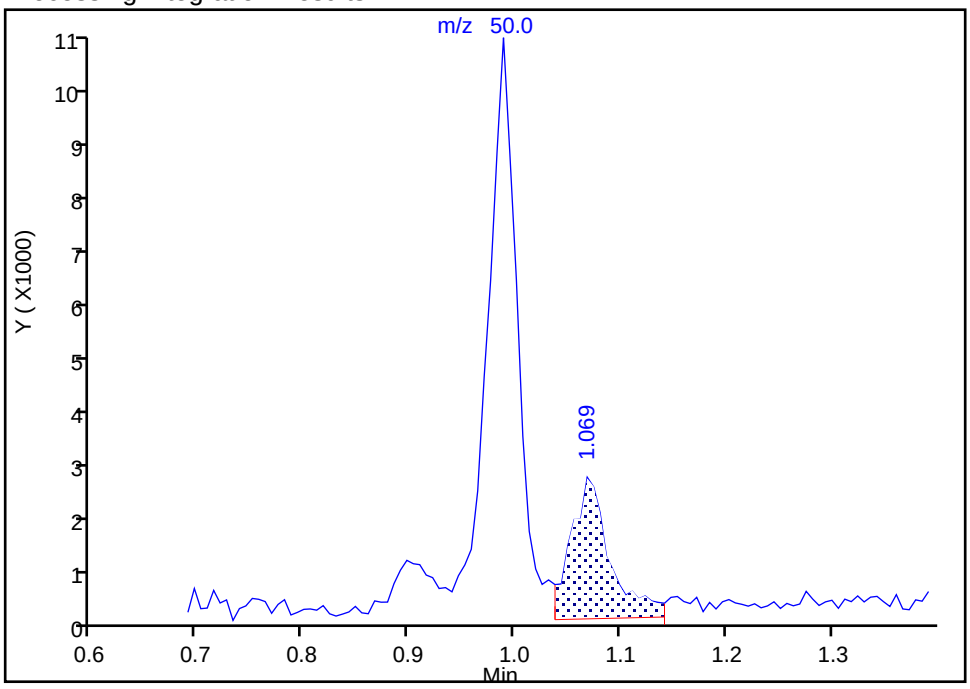
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

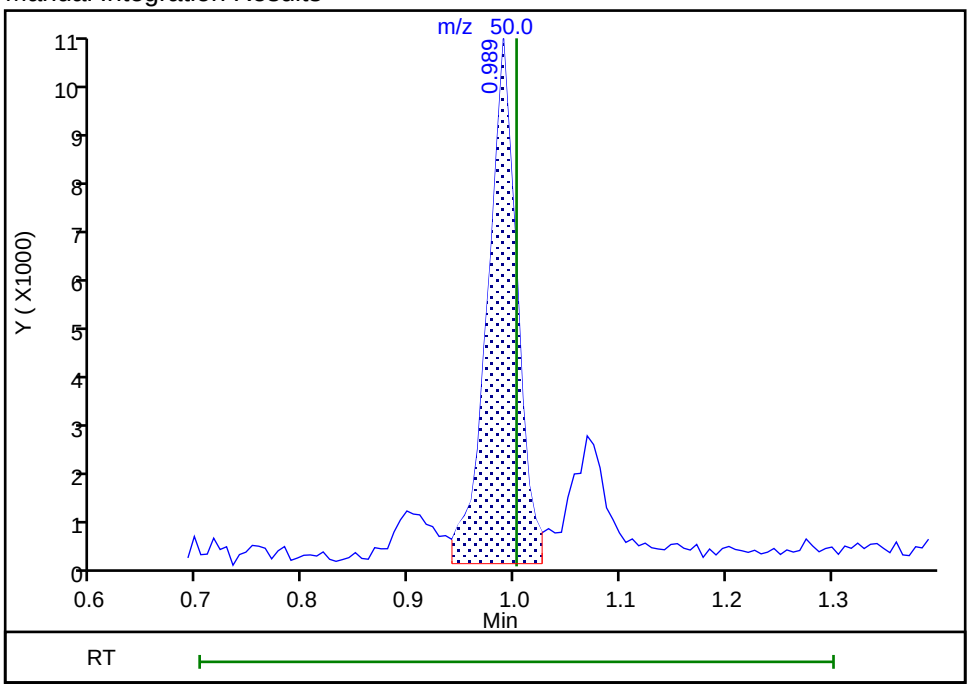
Processing Integration Results

RT: 1.07
Area: 6669
Amount: 1.575143
Amount Units: ug/l




Manual Integration Results

RT: 0.99
Area: 20508
Amount: 4.762369
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:26:38 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

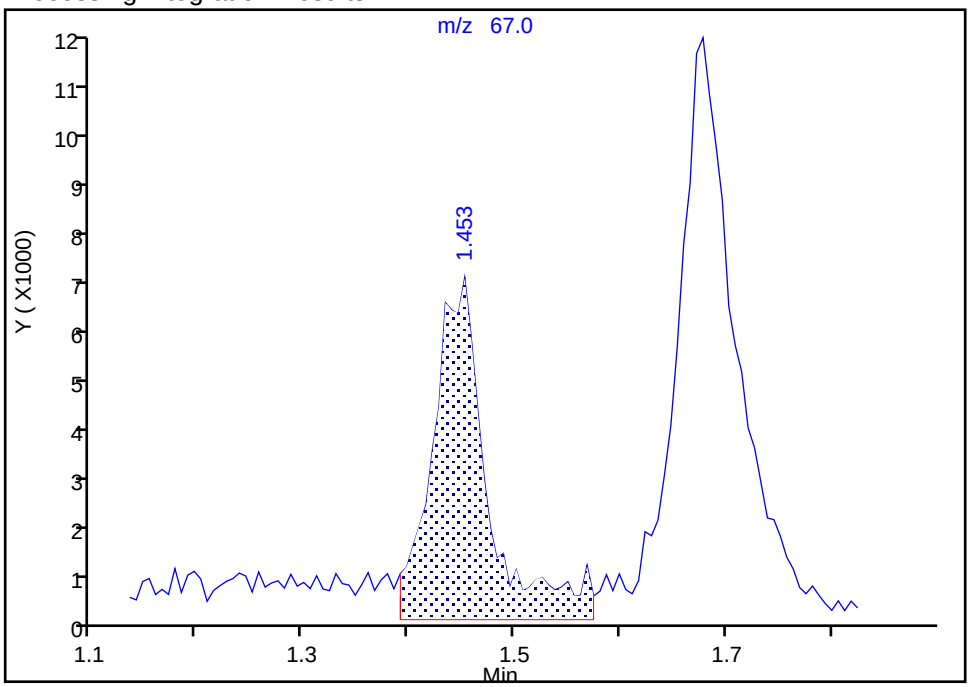
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

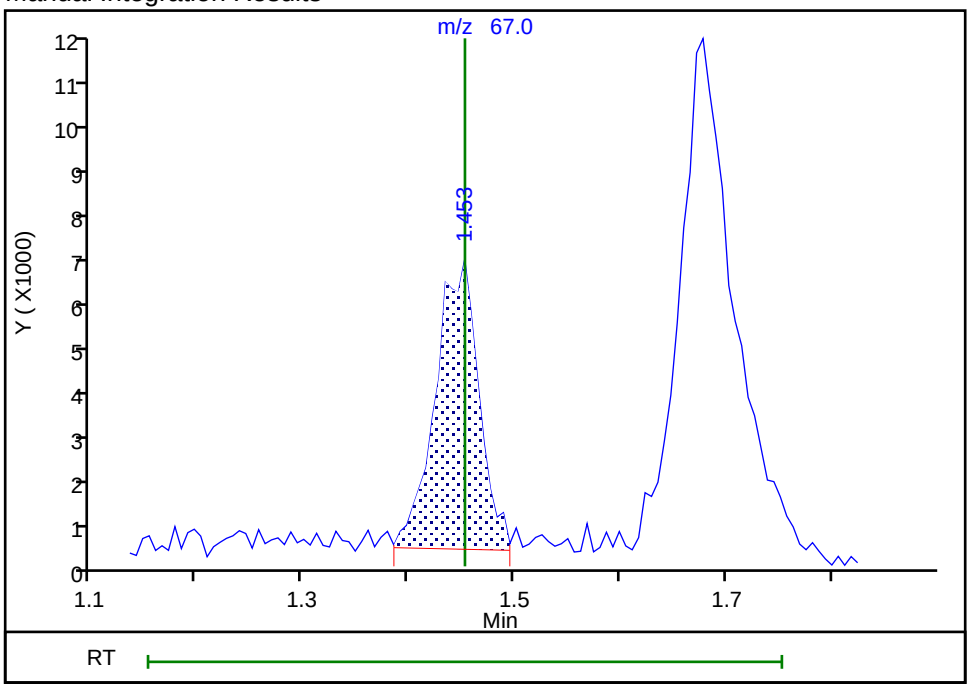
Processing Integration Results

RT: 1.45
Area: 23550
Amount: 5.041628
Amount Units: ug/l




Manual Integration Results

RT: 1.45
Area: 17011
Amount: 3.749881
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:27:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

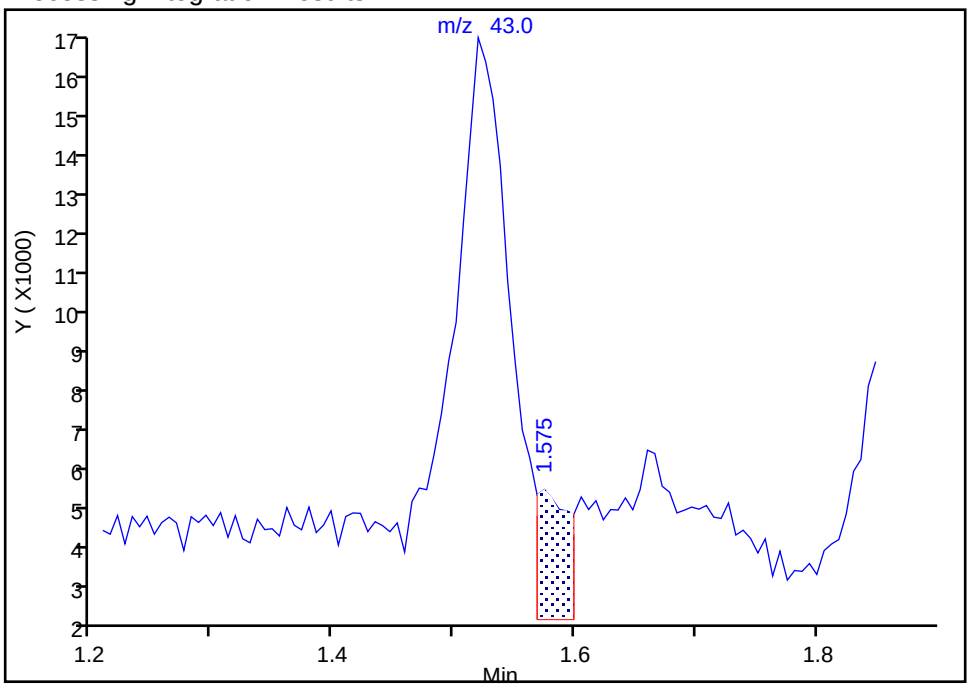
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 12 Pentane, CAS: 109-66-0

Signal: 1

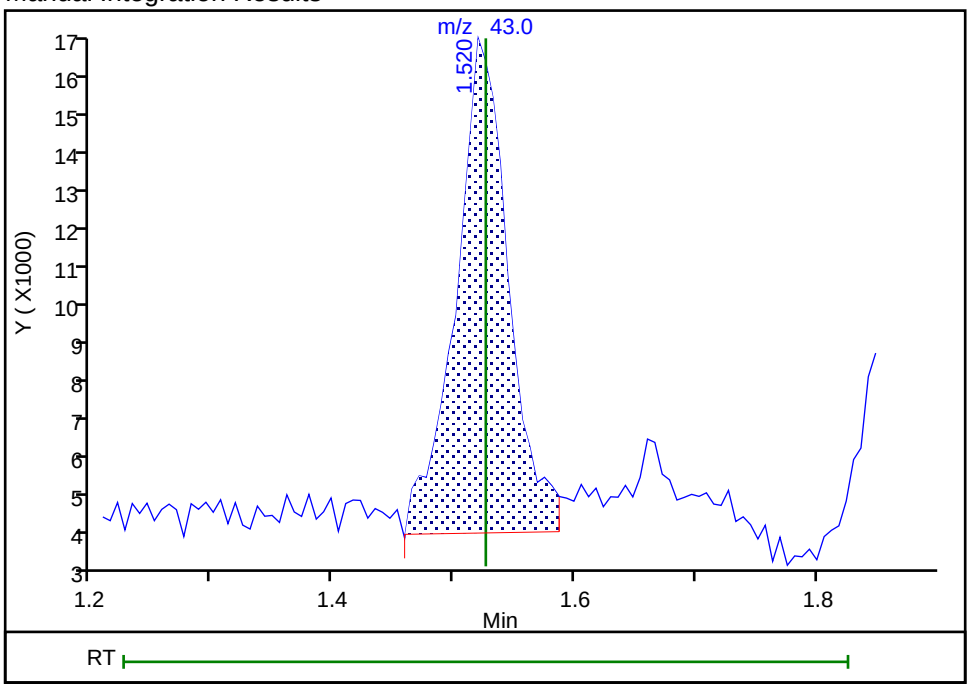
Processing Integration Results

RT: 1.57
Area: 6632
Amount: 1.412345
Amount Units: ug/l




Manual Integration Results

RT: 1.52
Area: 39677
Amount: 7.544416
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 09:08:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

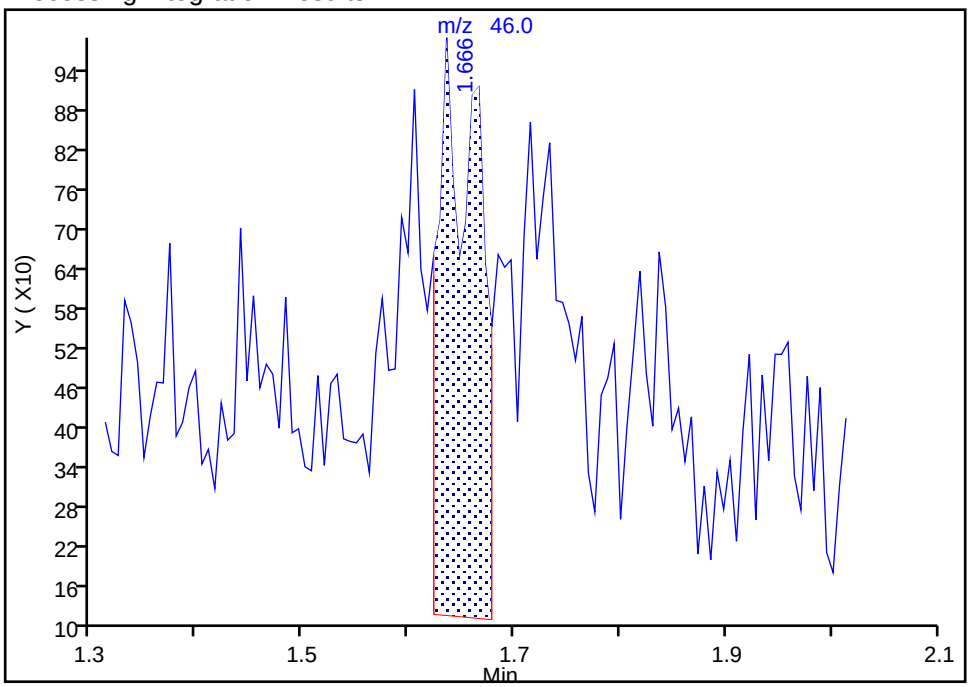
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 14 Ethanol, CAS: 64-17-5

Signal: 1

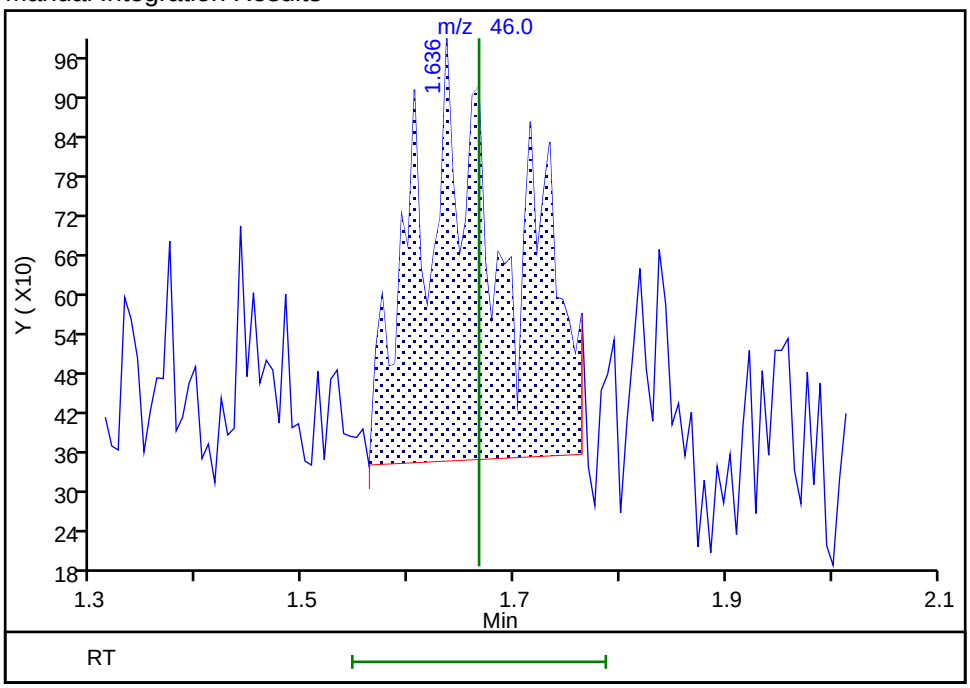
Processing Integration Results

RT: 1.67
Area: 2324
Amount: 129.5062
Amount Units: ug/l




Manual Integration Results

RT: 1.64
Area: 3891
Amount: 198.6942
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:27:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

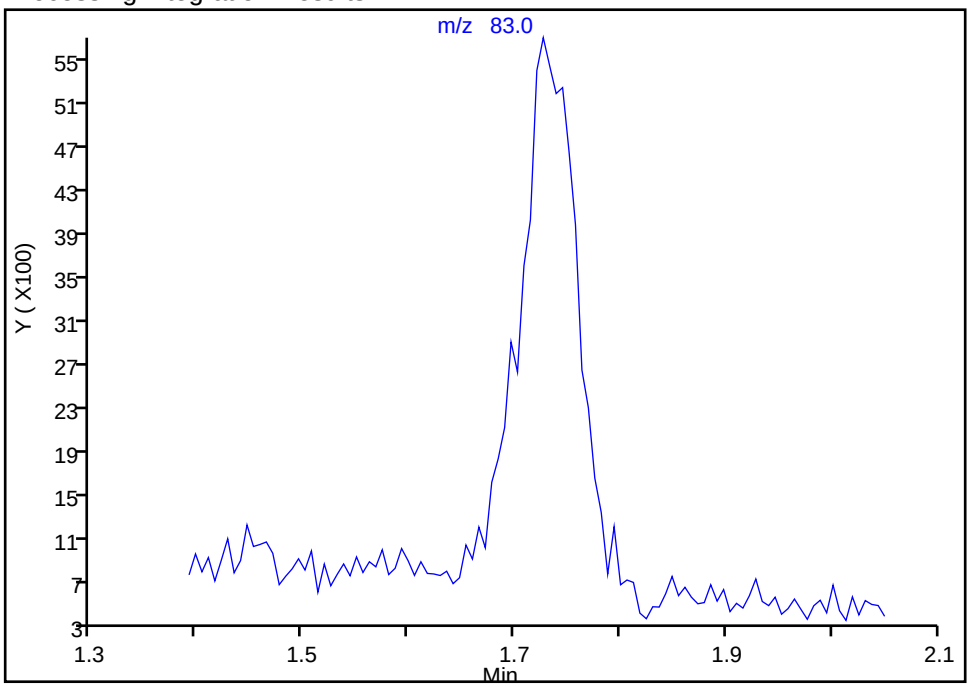
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

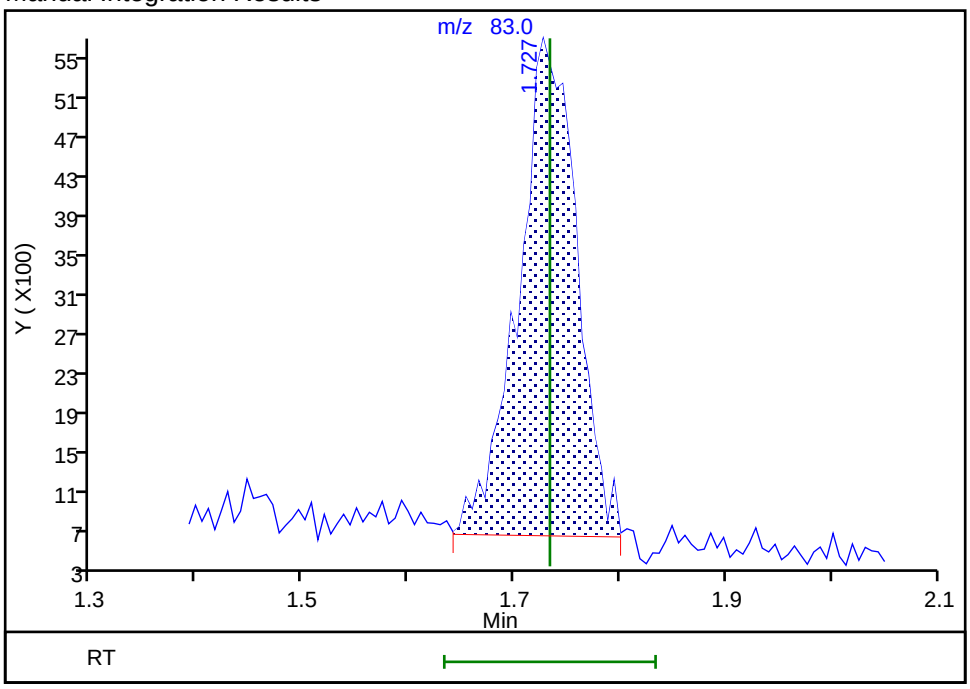
Not Detected
Expected RT: 1.73

Processing Integration Results




Manual Integration Results

RT: 1.73
Area: 19204
Amount: 4.780310
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:53:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

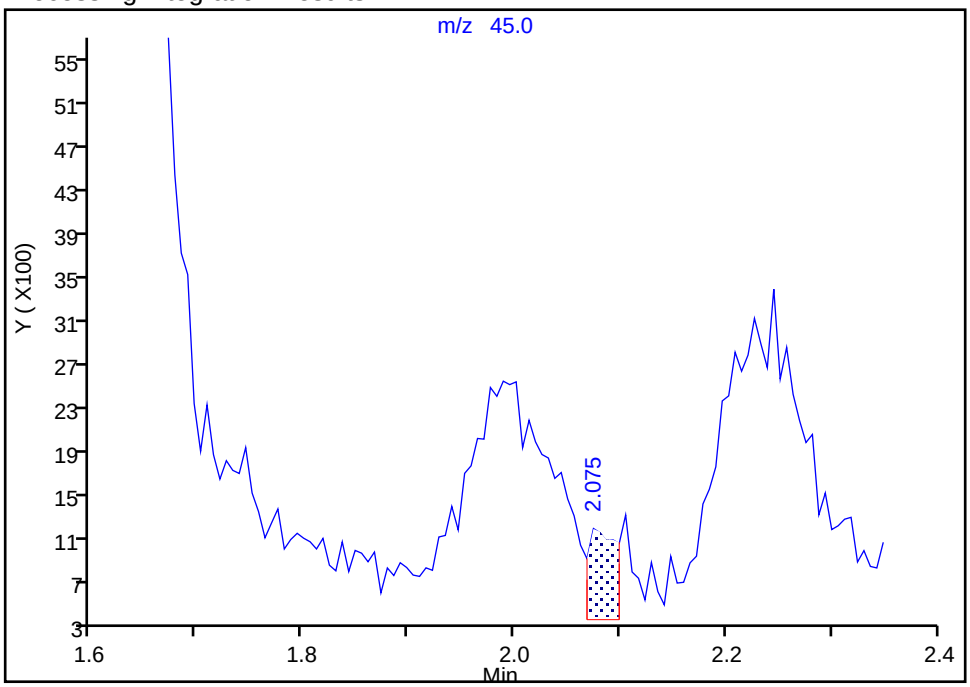
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

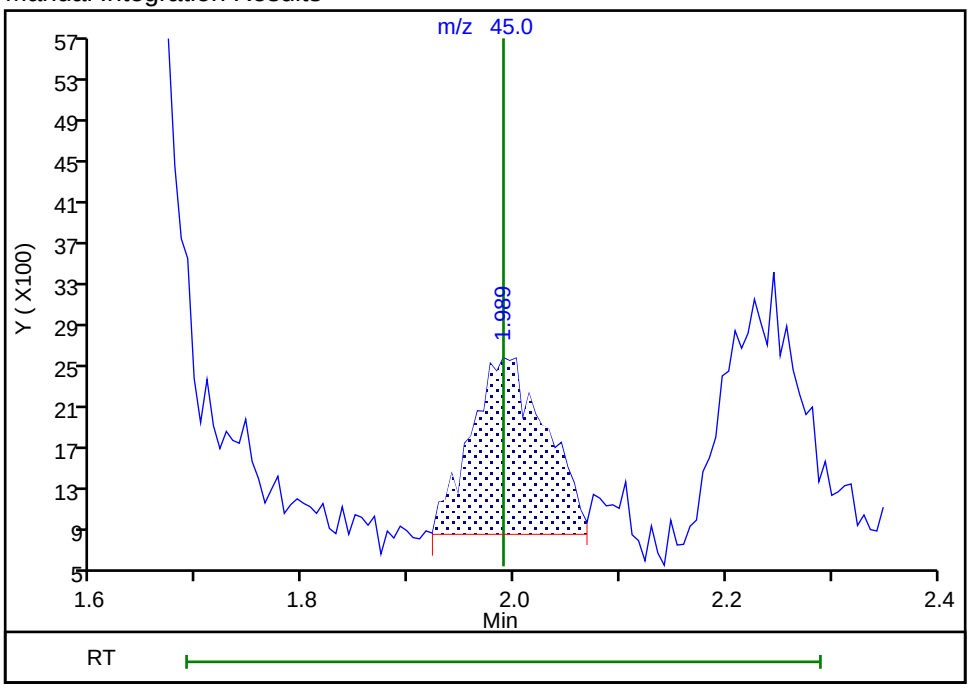
Processing Integration Results

RT: 2.07
Area: 1574
Amount: 8.077654
Amount Units: ug/l




Manual Integration Results

RT: 1.99
Area: 8461
Amount: 38.844852
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:34:27 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

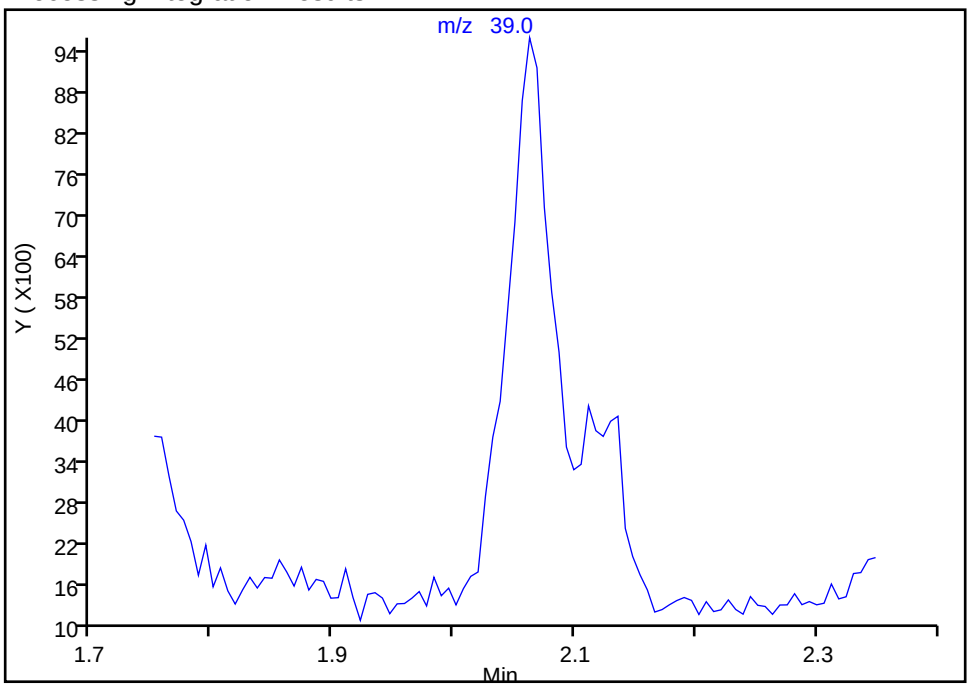
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

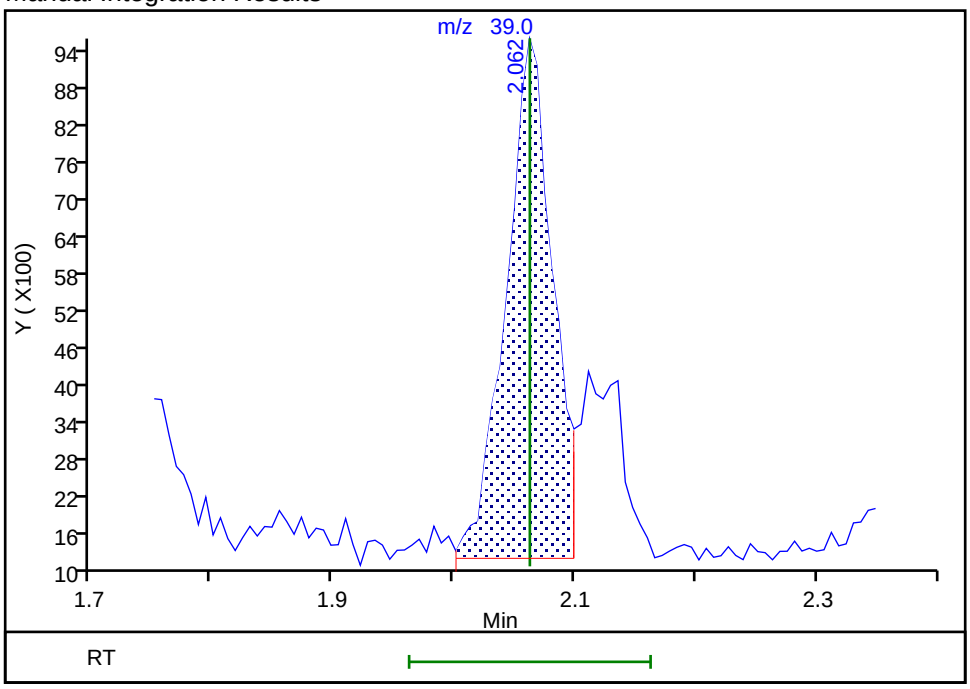
Not Detected
Expected RT: 2.06

Processing Integration Results




Manual Integration Results

RT: 2.06
Area: 22560
Amount: 5.086933
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:27:30 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

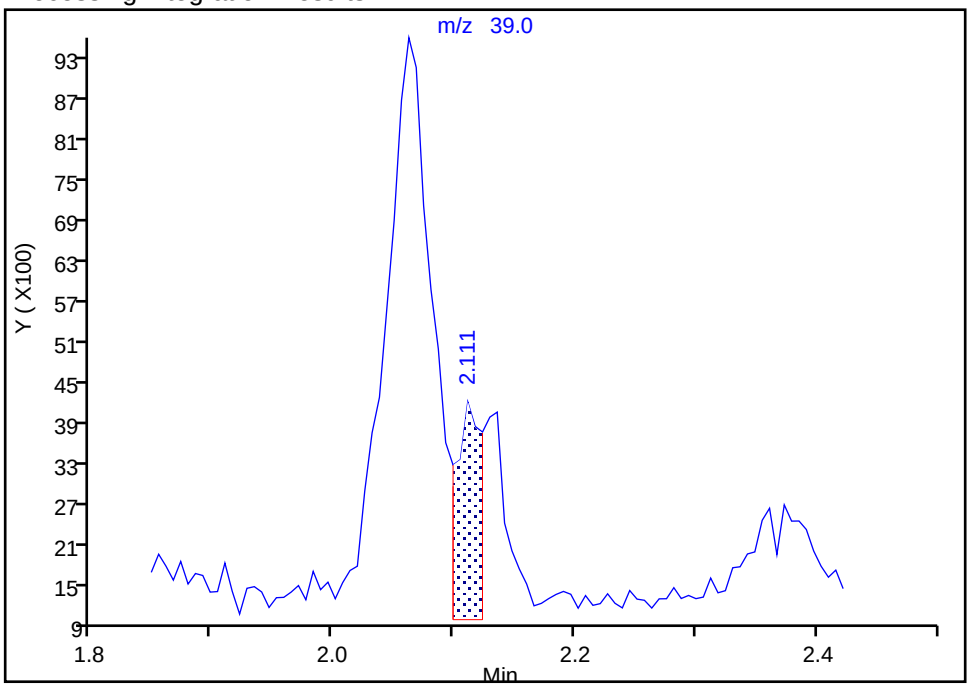
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

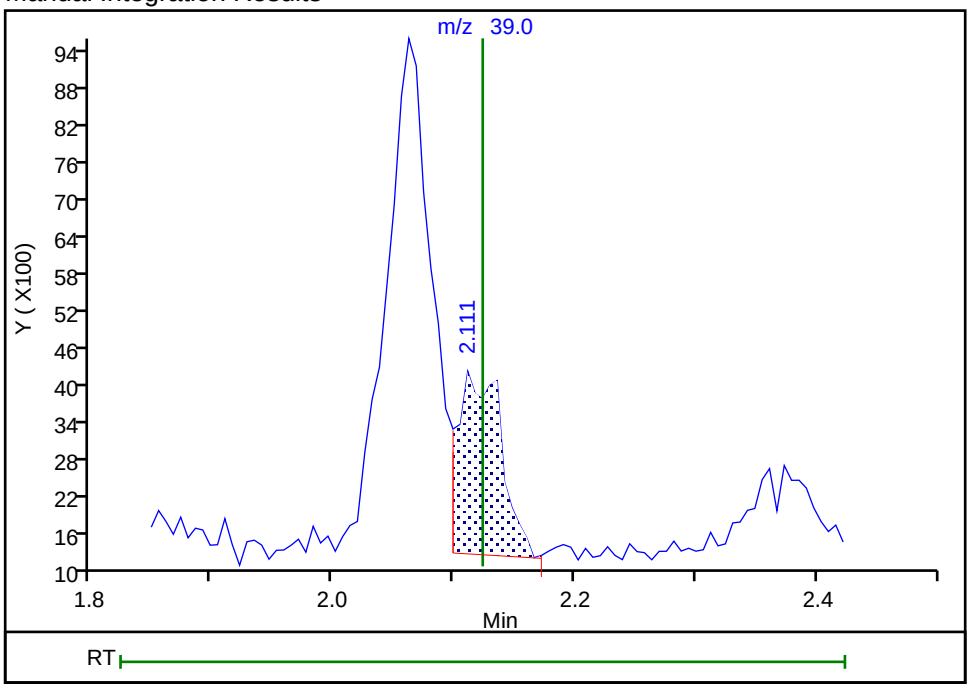
Processing Integration Results

RT: 2.11
Area: 4921
Amount: 21.230562
Amount Units: ug/l




Manual Integration Results

RT: 2.11
Area: 7471
Amount: 39.205192
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:27:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

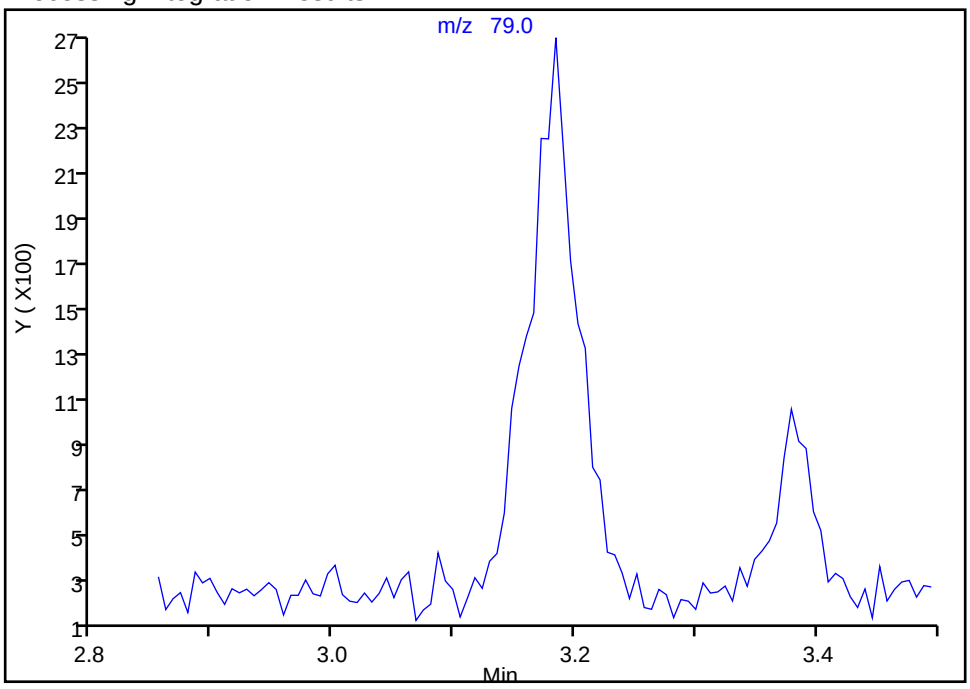
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

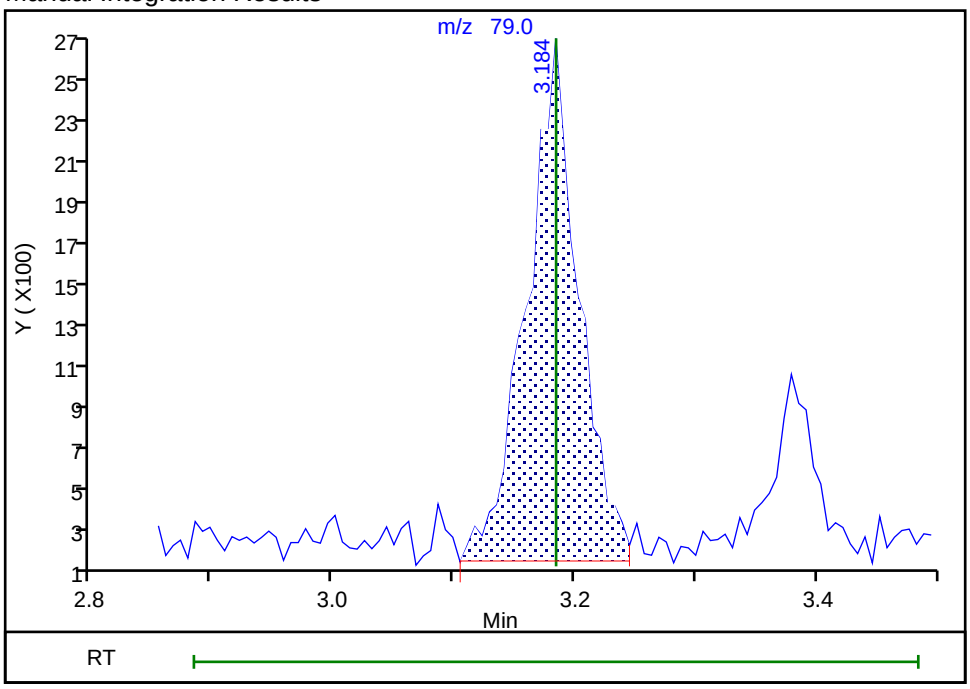
Not Detected
Expected RT: 3.18

Processing Integration Results




Manual Integration Results

RT: 3.18
Area: 7702
Amount: 5.117415
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:27:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

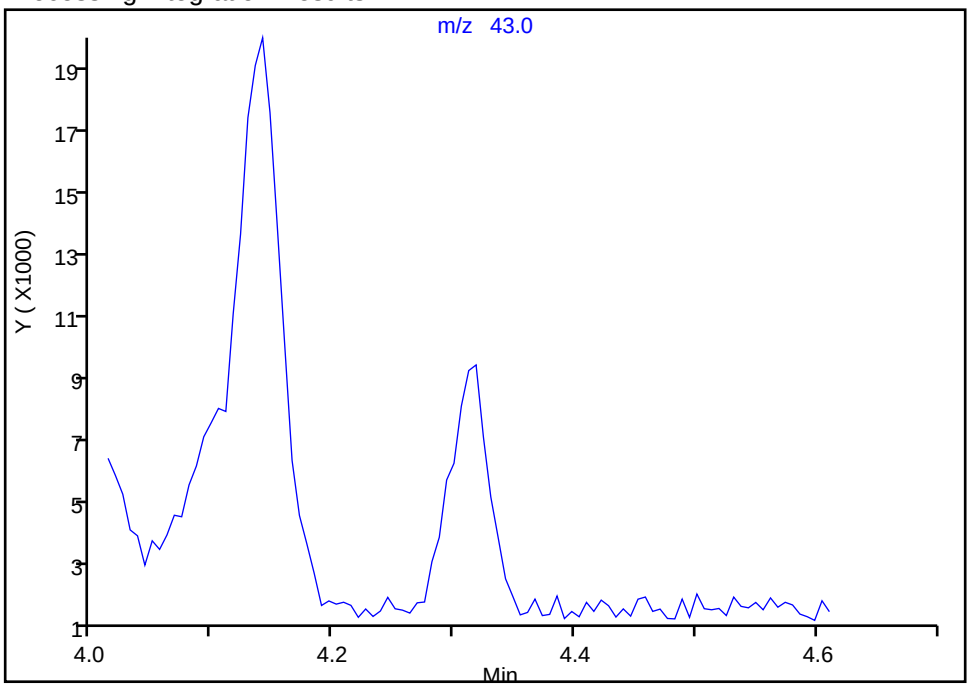
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 61 n-Heptane, CAS: 142-82-5

Signal: 1

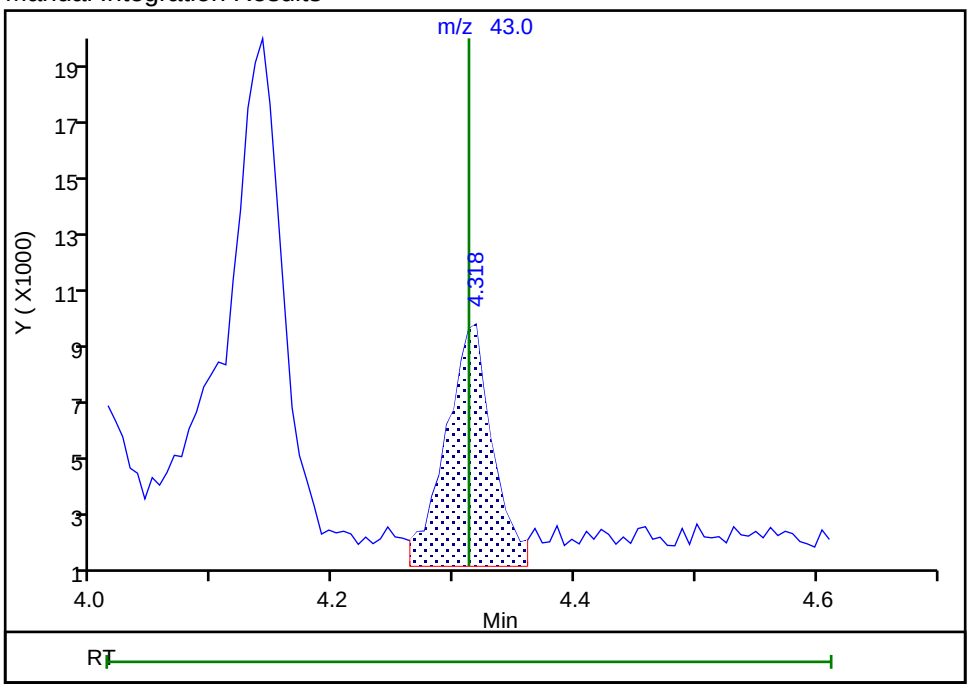
Not Detected
Expected RT: 4.31

Processing Integration Results




Manual Integration Results

RT: 4.32
Area: 22137
Amount: 4.180634
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 09:11:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

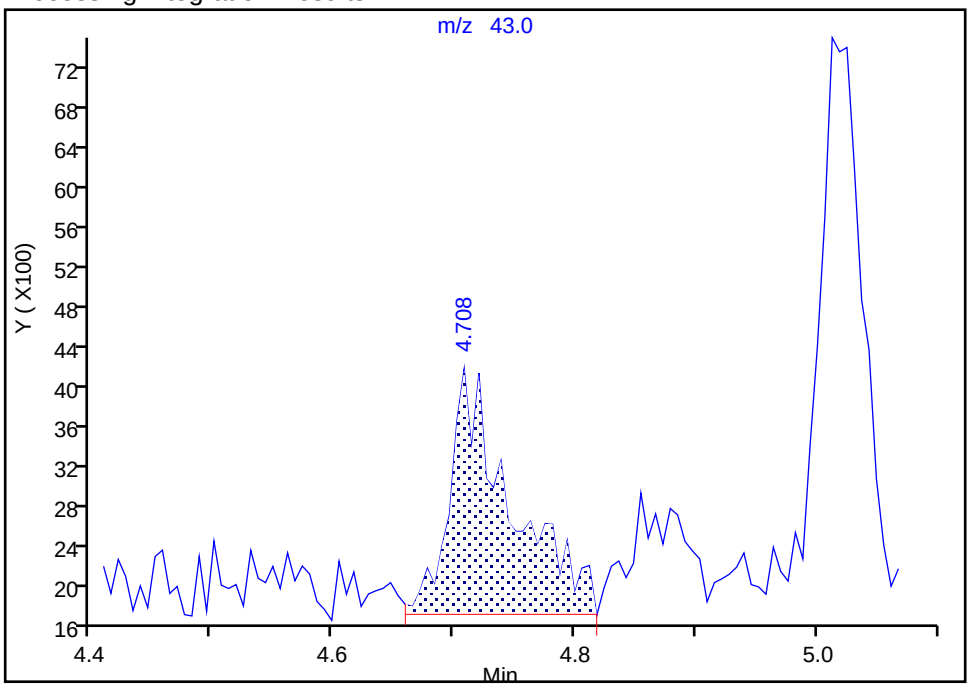
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 64 n-Butanol, CAS: 71-36-3

Signal: 1

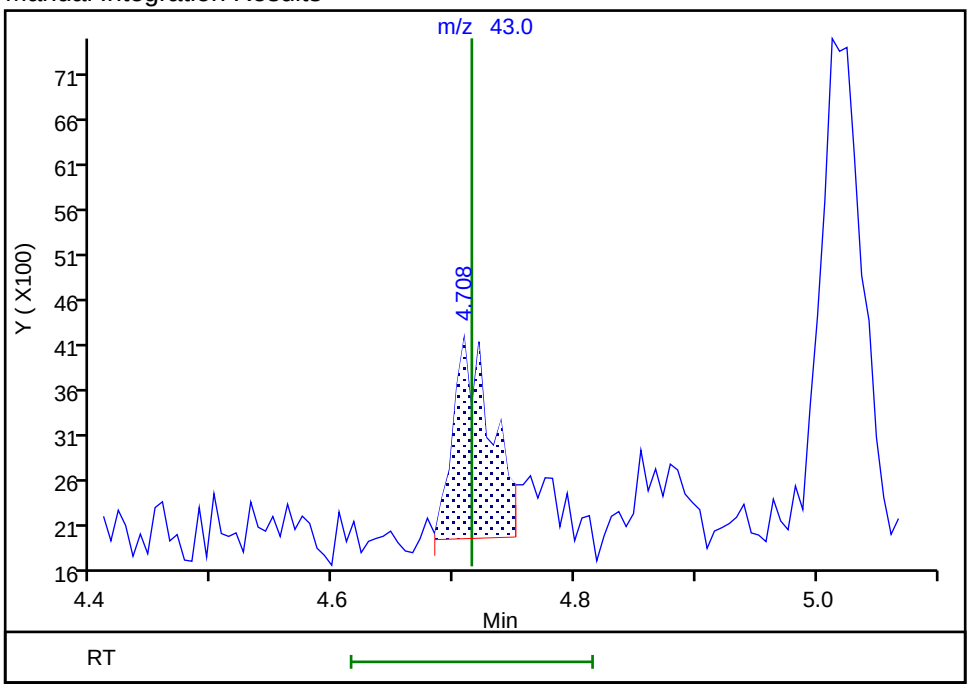
Processing Integration Results

RT: 4.71
Area: 8736
Amount: 153.6350
Amount Units: ug/l




Manual Integration Results

RT: 4.71
Area: 4881
Amount: 96.283510
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 09:11:56 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

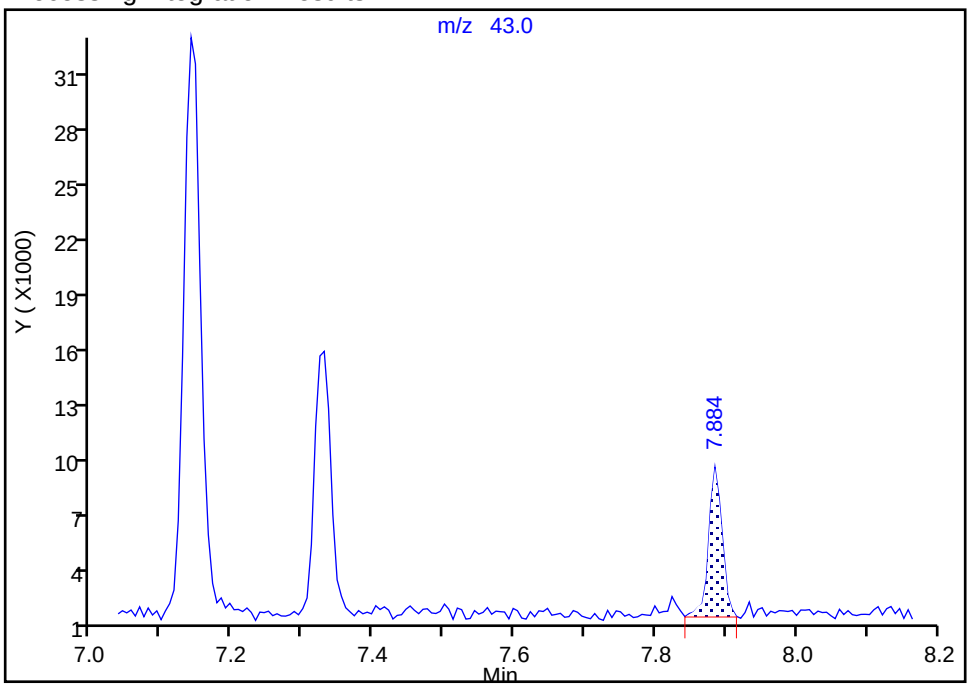
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

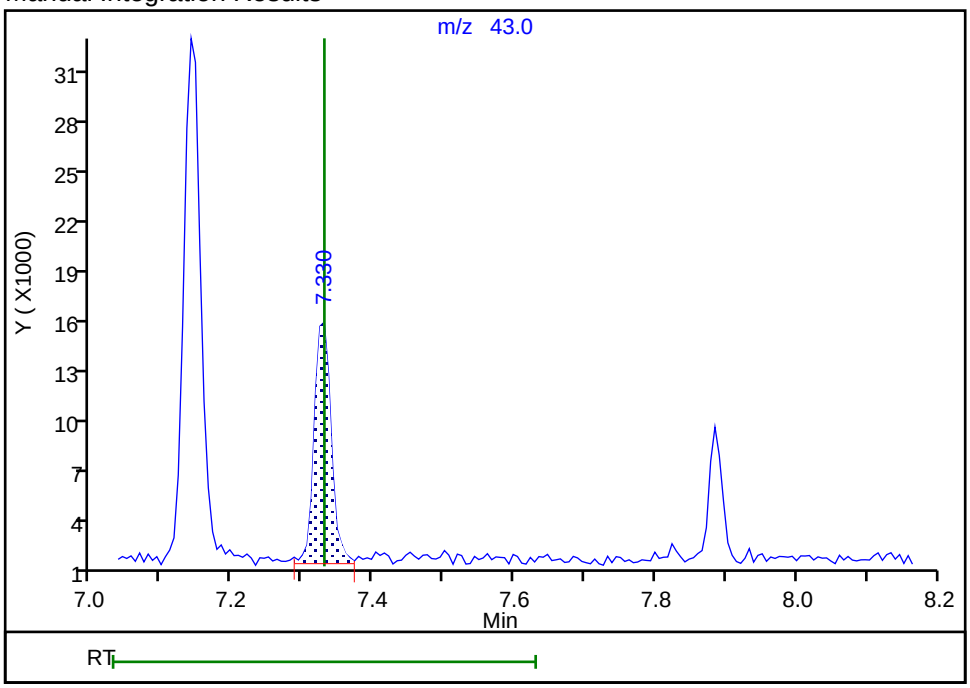
Processing Integration Results

RT: 7.88
Area: 10640
Amount: 3.050034
Amount Units: ug/l




Manual Integration Results

RT: 7.33
Area: 24534
Amount: 5.156706
Amount Units: ug/l




Reviewer: NN6A, 17-Nov-2023 11:41:46 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

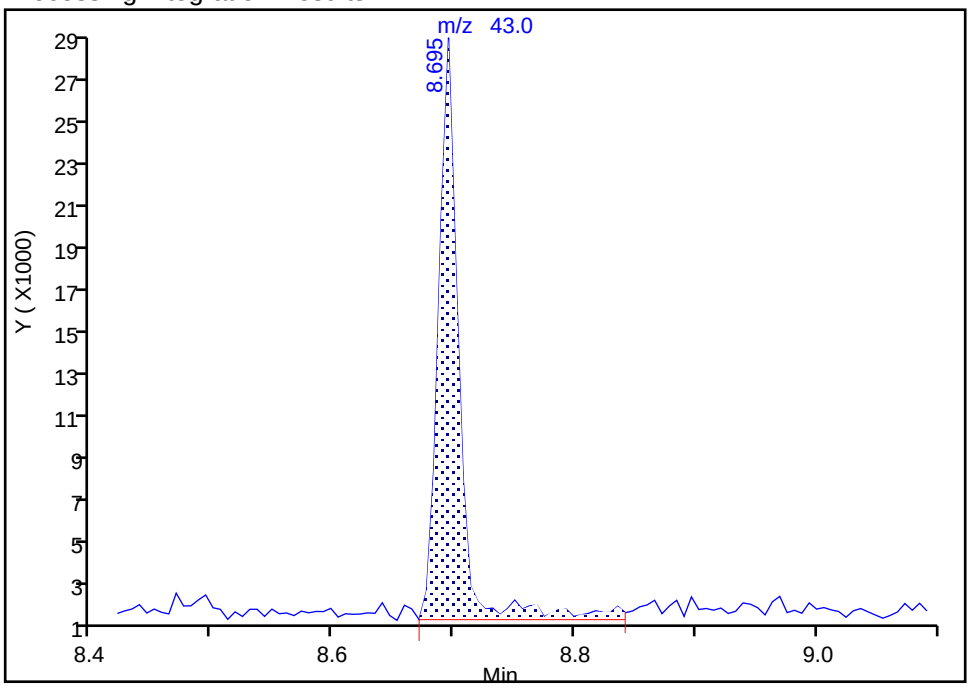
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 101 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

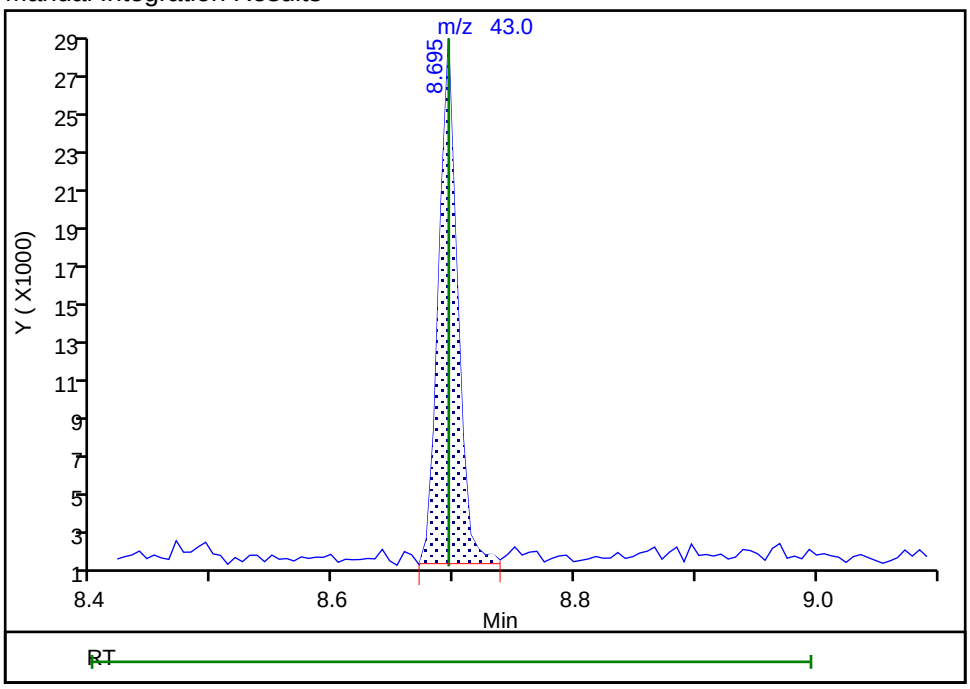
Processing Integration Results

RT: 8.70
Area: 31754
Amount: 5.403189
Amount Units: ug/l




Manual Integration Results

RT: 8.70
Area: 29126
Amount: 5.031005
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:28:32 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

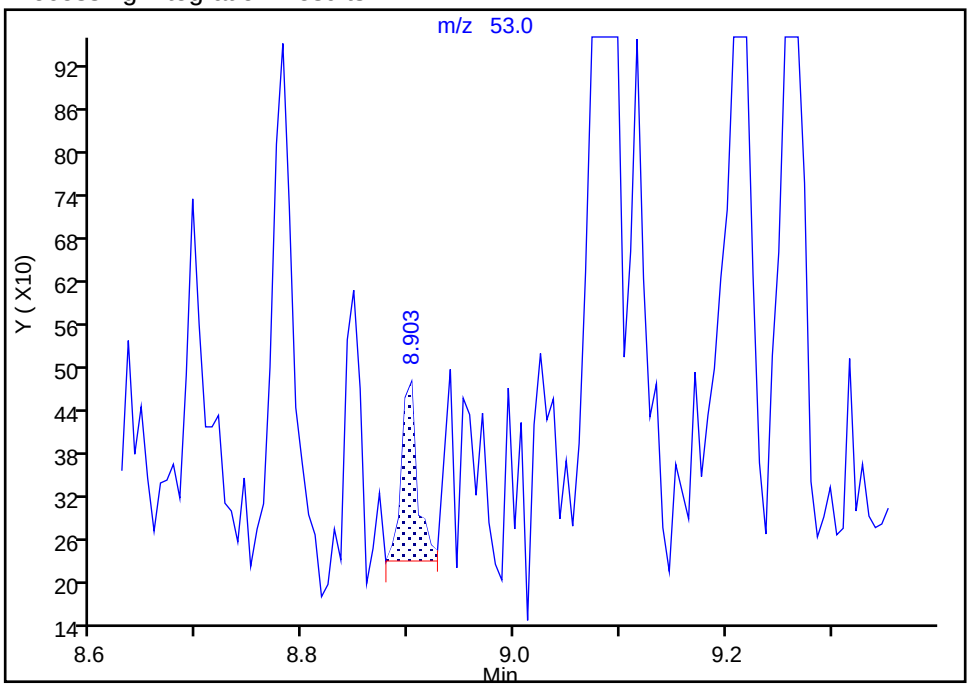
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10144.D
Injection Date: 16-Nov-2023 21:00:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

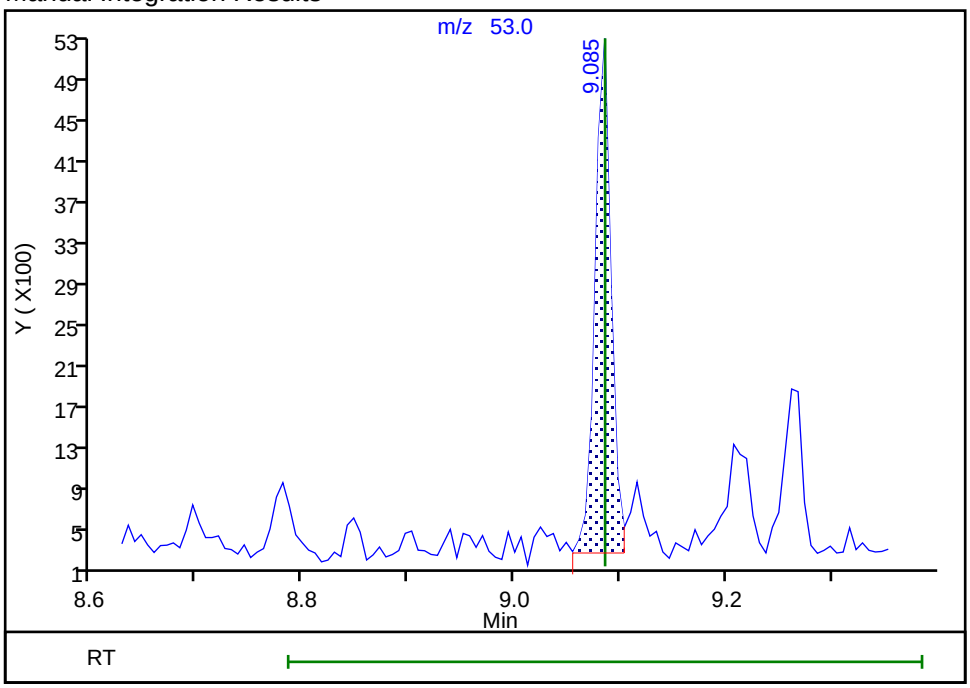
Processing Integration Results

RT: 8.90
Area: 267
Amount: 0.289047
Amount Units: ug/l




Manual Integration Results

RT: 9.09
Area: 5262
Amount: 5.063349
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:28:40 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10145.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 16-Nov-2023 21:26:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0169014-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub22

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Nov-2023 11:48:09 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: NN6A Date: 17-Nov-2023 11:38:07

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.904 | 0.904 | 0.000 | 95 | 69641 | 20.0 | 16.9 | |
| 4 Chlorodifluoromethane | 67 | 0.910 | 0.910 | 0.000 | 96 | 16553 | 20.0 | 23.0 | |
| 5 Chloromethane | 50 | 1.002 | 1.002 | 0.000 | 99 | 86928 | 20.0 | 18.7 | |
| 6 Butadiene | 54 | 1.075 | 1.075 | 0.000 | 98 | 70191 | 20.0 | 19.9 | |
| 7 Vinyl chloride | 62 | 1.075 | 1.075 | 0.000 | 96 | 80554 | 20.0 | 18.4 | |
| 8 Bromomethane | 94 | 1.264 | 1.264 | 0.000 | 98 | 46955 | 20.0 | 18.9 | |
| 9 Chloroethane | 64 | 1.319 | 1.319 | 0.000 | 99 | 45487 | 20.0 | 19.2 | |
| 10 Dichlorofluoromethane | 67 | 1.453 | 1.453 | 0.000 | 98 | 76494 | 20.0 | 15.5 | M |
| 11 Trichlorofluoromethane | 101 | 1.483 | 1.483 | 0.000 | 99 | 65166 | 20.0 | 18.1 | |
| 12 Pentane | 43 | 1.526 | 1.526 | 0.000 | 97 | 244347 | 40.0 | 43.1 | |
| 13 Ethyl ether | 59 | 1.666 | 1.666 | 0.000 | 94 | 50041 | 20.0 | 17.7 | |
| 14 Ethanol | 46 | 1.666 | 1.666 | 0.000 | 73 | 16115 | 800.0 | 734.1 | |
| 15 2-Methyl-1,3-butadiene | 53 | 1.679 | 1.679 | 0.000 | 96 | 64971 | 20.0 | 20.9 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.703 | 1.703 | 0.000 | 94 | 52989 | 20.0 | 21.1 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.733 | 1.733 | 0.000 | 92 | 98941 | 20.0 | 22.9 | a |
| 18 Acrolein | 56 | 1.752 | 1.752 | 0.000 | 98 | 144308 | 300.0 | 279.1 | |
| 19 1,1-Dichloroethene | 96 | 1.813 | 1.813 | 0.000 | 96 | 51728 | 20.0 | 20.2 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.837 | 1.837 | 0.000 | 96 | 59599 | 20.0 | 20.5 | |
| 21 Acetone | 43 | 1.861 | 1.861 | 0.000 | 86 | 86609 | 100.0 | 79.9 | |
| 22 Iodomethane | 142 | 1.910 | 1.910 | 0.000 | 99 | 89318 | 20.0 | 18.3 | |
| 23 Carbon disulfide | 76 | 1.953 | 1.953 | 0.000 | 100 | 175056 | 20.0 | 18.6 | |
| 24 Isopropyl alcohol | 45 | 1.989 | 1.989 | 0.000 | 24 | 40742 | 200.0 | 166.9 | M |
| 25 3-Chloro-1-propene | 39 | 2.063 | 2.063 | 0.000 | 92 | 92029 | 20.0 | 19.3 | |
| 26 Methyl acetate | 43 | 2.099 | 2.099 | 0.000 | 100 | 81970 | 40.0 | 37.4 | |
| 27 Acetonitrile | 39 | 2.124 | 2.124 | 0.000 | 27 | 40417 | 200.0 | 189.2 | a |
| 28 Methylene Chloride | 84 | 2.154 | 2.154 | 0.000 | 96 | 60936 | 20.0 | 18.4 | |
| * 29 TBA-d9 (IS) | 65 | 2.227 | 2.227 | 0.000 | 0 | 380805 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.294 | 2.294 | 0.000 | 97 | 79013 | 200.0 | 183.4 | a |
| 31 Acrylonitrile | 53 | 2.343 | 2.343 | 0.000 | 95 | 188191 | 200.0 | 174.1 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.361 | 2.361 | 0.000 | 98 | 57996 | 20.0 | 18.9 | |

| 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 | 2.374 | 2.374 | 0.000 | 97 | 154881 | 20.0 | 18.4 | |
| 34 Hexane | 57 | 2.581 | 2.581 | 0.000 | 94 | 97789 | 20.0 | 19.2 | |
| 35 1,1-Dichloroethane | 63 | 2.691 | 2.691 | 0.000 | 99 | 116989 | 20.0 | 18.2 | |
| 36 Vinyl acetate | 86 | 2.745 | 2.745 | 0.000 | 100 | 19395 | 40.0 | 34.2 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.758 | 2.758 | 0.000 | 93 | 55872 | 20.0 | 19.2 | |
| 38 Isopropyl ether | 45 | 2.776 | 2.776 | 0.000 | 87 | 216214 | 20.0 | 18.7 | |
| 39 Tert-butyl ethyl ether | 87 | 3.081 | 3.081 | 0.000 | 88 | 68225 | 20.0 | 18.8 | |
| * 40 2-Butanone-d5 | 46 | 3.154 | 3.154 | 0.000 | 0 | 358631 | 250.0 | 250.0 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.178 | 3.178 | 0.000 | 95 | 64937 | 20.0 | 19.1 | |
| 42 2,2-Dichloropropane | 79 | 3.184 | 3.184 | 0.000 | 89 | 31669 | 20.0 | 19.5 | a |
| 43 2-Butanone (MEK) | 72 | 3.215 | 3.215 | 0.000 | 100 | 32925 | 100.0 | 85.9 | |
| 44 Propionitrile | 54 | 3.258 | 3.258 | 0.000 | 97 | 73438 | 200.0 | 178.7 | |
| 45 Ethyl acetate | 43 | 3.276 | 3.276 | 0.000 | 99 | 122182 | 40.0 | 36.3 | |
| 62 Methyl acrylate | 55 | 3.300 | 3.300 | 0.000 | 99 | 59175 | 20.0 | 18.7 | |
| 46 Chlorobromomethane | 128 | 3.386 | 3.386 | 0.000 | 95 | 28105 | 20.0 | 18.4 | |
| 47 Methacrylonitrile | 67 | 3.386 | 3.386 | 0.000 | 94 | 210830 | 200.0 | 185.1 | |
| 48 Tetrahydrofuran | 42 | 3.453 | 3.453 | 0.000 | 84 | 36738 | 40.0 | 35.2 | |
| 49 Chloroform | 83 | 3.477 | 3.477 | 0.000 | 98 | 105305 | 20.0 | 18.4 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.623 | 3.623 | 0.000 | 96 | 192907 | 50.0 | 51.0 | |
| 51 1,1,1-Trichloroethane | 97 | 3.635 | 3.635 | 0.000 | 98 | 94099 | 20.0 | 18.5 | |
| 52 Cyclohexane | 84 | 3.690 | 3.690 | 0.000 | 95 | 91975 | 20.0 | 19.5 | |
| 54 1,1-Dichloropropene | 75 | 3.788 | 3.788 | 0.000 | 92 | 84601 | 20.0 | 18.5 | |
| 53 Carbon tetrachloride | 117 | 3.794 | 3.794 | 0.000 | 76 | 78283 | 20.0 | 18.3 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.934 | 3.934 | 0.000 | 0 | 228338 | 50.0 | 51.2 | |
| 56 Benzene | 78 | 3.989 | 3.989 | 0.000 | 97 | 238390 | 20.0 | 17.9 | |
| 58 Isobutyl alcohol | 42 | 4.001 | 4.001 | 0.000 | 53 | 49041 | 500.0 | 445.6 | |
| 57 1,2-Dichloroethane | 62 | 4.013 | 4.013 | 0.000 | 97 | 78673 | 20.0 | 17.6 | |
| 73 Isopropyl acetate | 61 | 4.141 | 4.141 | 0.000 | 95 | 21318 | 20.0 | 18.6 | |
| 59 Tert-amyl methyl ether | 73 | 4.148 | 4.148 | 0.000 | 91 | 171571 | 20.0 | 19.4 | |
| * 60 Fluorobenzene | 96 | 4.282 | 4.282 | 0.000 | 98 | 654460 | 50.0 | 50.0 | |
| 61 n-Heptane | 43 | 4.312 | 4.312 | 0.000 | 96 | 106547 | 20.0 | 18.7 | |
| 63 Trichloroethene | 95 | 4.678 | 4.678 | 0.000 | 96 | 59853 | 20.0 | 18.3 | |
| 64 n-Butanol | 43 | 4.715 | 4.715 | 0.000 | 93 | 28011 | 500.0 | 492.9 | |
| 66 Ethyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 97 | 162554 | 20.0 | 19.4 | |
| 65 Methylcyclohexane | 83 | 4.885 | 4.885 | 0.000 | 95 | 109984 | 20.0 | 19.4 | |
| 67 1,2-Dichloropropane | 63 | 4.922 | 4.922 | 0.000 | 92 | 64953 | 20.0 | 18.2 | |
| 68 Dibromomethane | 93 | 5.044 | 5.044 | 0.000 | 97 | 32985 | 20.0 | 17.3 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.056 | 5.056 | 0.000 | 0 | 32039 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.117 | 5.117 | 0.000 | 81 | 12488 | 400.0 | 377.0 | |
| 71 Methyl methacrylate | 100 | 5.123 | 5.123 | 0.000 | 92 | 28358 | 40.0 | 37.1 | |
| 81 n-Propyl acetate | 43 | 5.221 | 5.221 | 0.000 | 99 | 84746 | 20.0 | 18.9 | |
| 72 Dichlorobromomethane | 83 | 5.257 | 5.257 | 0.000 | 99 | 77465 | 20.0 | 18.4 | |
| 74 2-Nitropropane | 41 | 5.544 | 5.544 | 0.000 | 98 | 32460 | 40.0 | 38.9 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.672 | 5.672 | 0.000 | 95 | 19446 | 20.0 | 20.6 | |
| 76 Epichlorohydrin | 57 | 5.714 | 5.714 | 0.000 | 99 | 109654 | 400.0 | 371.2 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.812 | 5.812 | 0.000 | 96 | 99322 | 20.0 | 17.9 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.056 | 6.056 | 0.000 | 99 | 291265 | 100.0 | 90.2 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.141 | 6.141 | 0.000 | 98 | 852570 | 50.0 | 50.7 | |
| 80 Toluene | 91 | 6.220 | 6.220 | 0.000 | 93 | 256531 | 20.0 | 17.9 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.556 | 6.556 | 0.000 | 97 | 89247 | 20.0 | 18.3 | |
| 84 Ethyl methacrylate | 69 | 6.751 | 6.751 | 0.000 | 91 | 75882 | 20.0 | 18.8 | a |
| 83 1,1,2-Trichloroethane | 83 | 6.781 | 6.781 | 0.000 | 93 | 41833 | 20.0 | 18.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Tetrachloroethene | 166 | 6.928 | 6.928 | 0.000 | 95 | 58205 | 20.0 | 18.3 | |
| 86 1,3-Dichloropropane | 76 | 6.976 | 6.976 | 0.000 | 96 | 84555 | 20.0 | 18.1 | |
| 87 2-Hexanone | 43 | 7.141 | 7.141 | 0.000 | 98 | 206899 | 100.0 | 87.9 | |
| 88 Chlorodibromomethane | 129 | 7.226 | 7.226 | 0.000 | 98 | 50591 | 20.0 | 17.6 | |
| 89 Ethylene Dibromide | 107 | 7.324 | 7.324 | 0.000 | 98 | 45875 | 20.0 | 17.3 | |
| 90 n-Butyl acetate | 43 | 7.330 | 7.330 | 0.000 | 98 | 97848 | 20.0 | 18.8 | a |
| * 91 Chlorobenzene-d5 | 117 | 7.824 | 7.824 | 0.000 | 88 | 531679 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.854 | 7.854 | 0.000 | 93 | 159418 | 20.0 | 18.6 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.952 | 7.952 | 0.000 | 94 | 54878 | 20.0 | 17.9 | |
| 94 Ethylbenzene | 106 | 7.988 | 7.988 | 0.000 | 99 | 88571 | 20.0 | 18.2 | |
| 95 m-Xylene & p-Xylene | 106 | 8.104 | 8.104 | 0.000 | 0 | 107938 | 20.0 | 18.1 | |
| 96 o-Xylene | 106 | 8.452 | 8.452 | 0.000 | 93 | 107072 | 20.0 | 18.4 | |
| 97 Styrene | 104 | 8.470 | 8.470 | 0.000 | 94 | 177135 | 20.0 | 18.0 | |
| 98 n-Butyl acrylate | 73 | 8.488 | 8.488 | 0.000 | 96 | 45120 | 20.0 | 18.3 | |
| 99 Bromoform | 173 | 8.604 | 8.604 | 0.000 | 95 | 33036 | 20.0 | 17.6 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.695 | 8.695 | 0.000 | 90 | 109677 | 20.0 | 17.4 | |
| 102 Isopropylbenzene | 105 | 8.781 | 8.781 | 0.000 | 97 | 276452 | 20.0 | 18.4 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.891 | 8.891 | 0.000 | 85 | 240681 | 50.0 | 52.0 | |
| 104 Bromobenzene | 156 | 8.994 | 8.994 | 0.000 | 95 | 65986 | 20.0 | 18.8 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.037 | 9.037 | 0.000 | 98 | 65233 | 20.0 | 18.7 | |
| 105 1,2,3-Trichloropropane | 110 | 9.055 | 9.055 | 0.000 | 96 | 17820 | 20.0 | 18.8 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.086 | 9.086 | 0.000 | 88 | 21182 | 20.0 | 18.8 | a |
| 108 N-Propylbenzene | 120 | 9.116 | 9.116 | 0.000 | 99 | 77862 | 20.0 | 18.7 | |
| 109 2-Chlorotoluene | 126 | 9.165 | 9.165 | 0.000 | 97 | 67379 | 20.0 | 18.7 | |
| 110 4-Ethyltoluene | 105 | 9.214 | 9.214 | 0.000 | 99 | 280178 | 20.0 | 18.5 | |
| 111 4-Chlorotoluene | 91 | 9.256 | 9.256 | 0.000 | 99 | 237261 | 20.0 | 18.1 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.262 | 9.262 | 0.000 | 92 | 238298 | 20.0 | 18.3 | |
| 100 Butyl Methacrylate | 87 | 9.372 | 9.372 | 0.000 | 94 | 79229 | 20.0 | 18.3 | |
| 113 tert-Butylbenzene | 119 | 9.512 | 9.512 | 0.000 | 93 | 198736 | 20.0 | 18.6 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.549 | 9.549 | 0.000 | 98 | 246578 | 20.0 | 18.2 | |
| 115 sec-Butylbenzene | 105 | 9.677 | 9.677 | 0.000 | 98 | 310695 | 20.0 | 18.8 | |
| 116 1,3-Dichlorobenzene | 146 | 9.738 | 9.738 | 0.000 | 94 | 127689 | 20.0 | 18.6 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.787 | 9.787 | 0.000 | 98 | 287200 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.793 | 9.793 | 0.000 | 98 | 266061 | 20.0 | 18.6 | |
| 118 1,4-Dichlorobenzene | 146 | 9.805 | 9.805 | 0.000 | 96 | 129659 | 20.0 | 18.5 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.854 | 9.854 | 0.000 | 99 | 251676 | 20.0 | 18.4 | |
| 121 Benzyl chloride | 126 | 9.909 | 9.909 | 0.000 | 98 | 26483 | 20.0 | 18.9 | |
| 122 2,3-Dihydroindene | 117 | 9.988 | 9.988 | 0.000 | 94 | 226902 | 20.0 | 18.8 | |
| 124 p-Diethylbenzene | 119 | 10.067 | 10.067 | 0.000 | 91 | 164775 | 20.0 | 19.0 | |
| 123 1,2-Dichlorobenzene | 146 | 10.073 | 10.073 | 0.000 | 84 | 120692 | 20.0 | 18.6 | |
| 125 n-Butylbenzene | 92 | 10.085 | 10.085 | 0.000 | 98 | 147638 | 20.0 | 18.4 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.610 | 10.610 | 0.000 | 97 | 251147 | 20.0 | 18.8 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.622 | 10.622 | 0.000 | 93 | 13118 | 20.0 | 18.2 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.768 | 10.768 | 0.000 | 96 | 102364 | 20.0 | 18.3 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.183 | 11.183 | 0.000 | 93 | 92420 | 20.0 | 17.6 | |
| 130 Hexachlorobutadiene | 225 | 11.311 | 11.311 | 0.000 | 93 | 50306 | 20.0 | 18.9 | |
| 131 Naphthalene | 128 | 11.347 | 11.347 | 0.000 | 99 | 197960 | 20.0 | 17.9 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.524 | 11.524 | 0.000 | 95 | 84145 | 20.0 | 18.0 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 38.1 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 36.2 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 36.4 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 90.4 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00179 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00010 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00557 | Amount Added: | 2.00 | Units: uL | |
| EthyhexAcr_Li_00005 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Nov-2023 11:48:11 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10145.D

Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2 Operator ID:

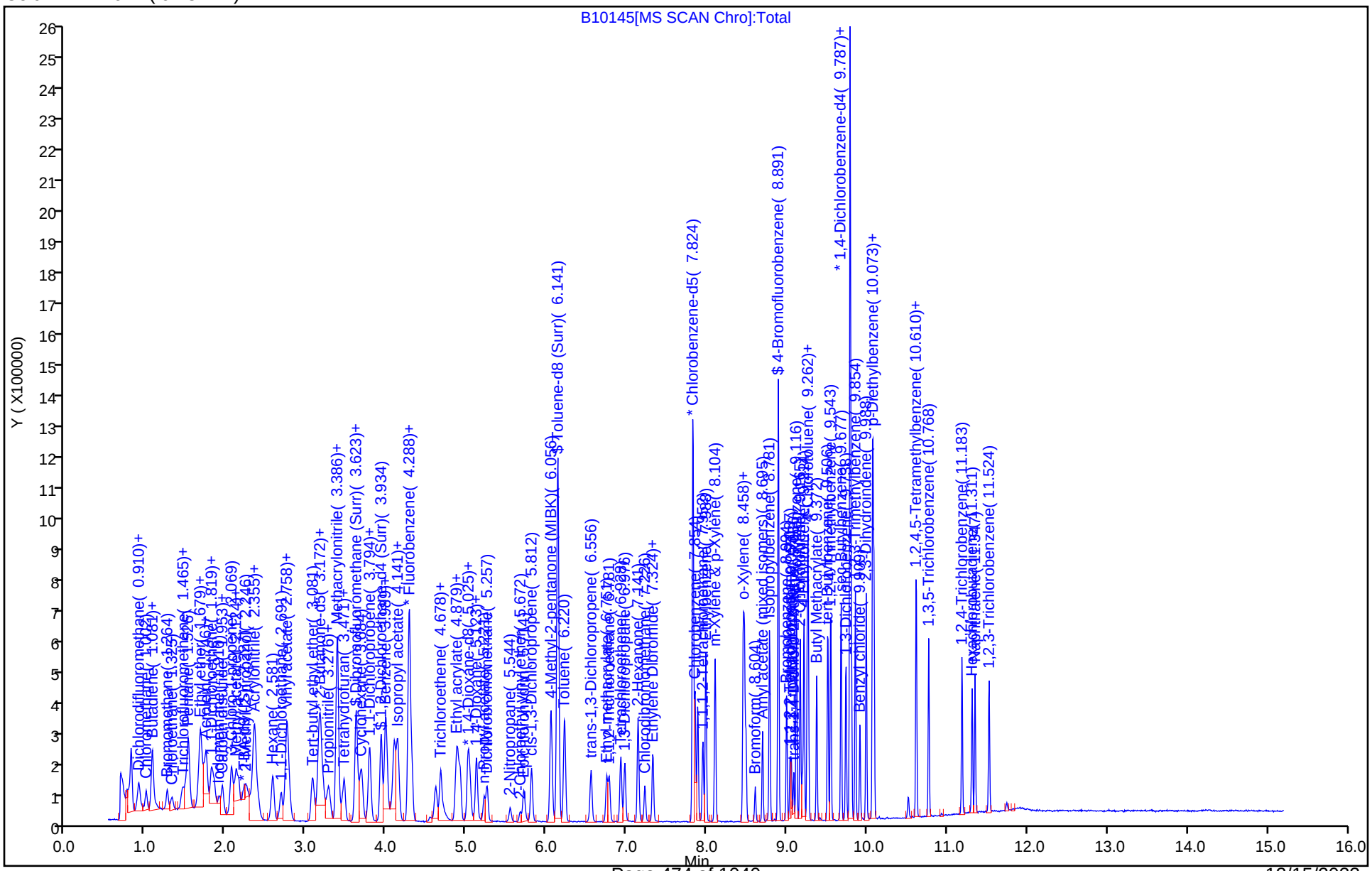
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

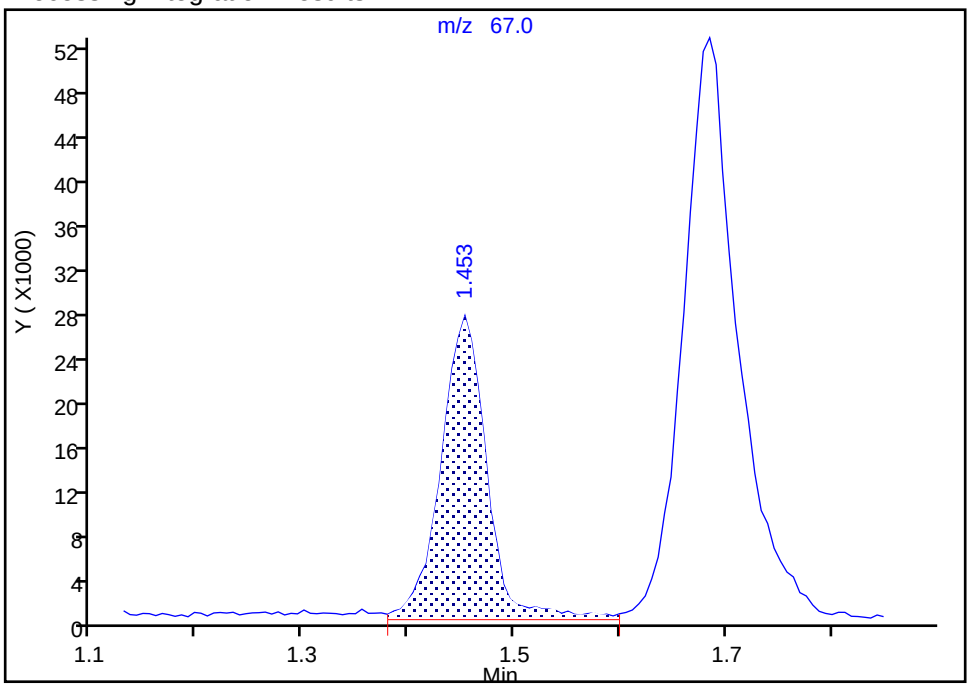
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Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

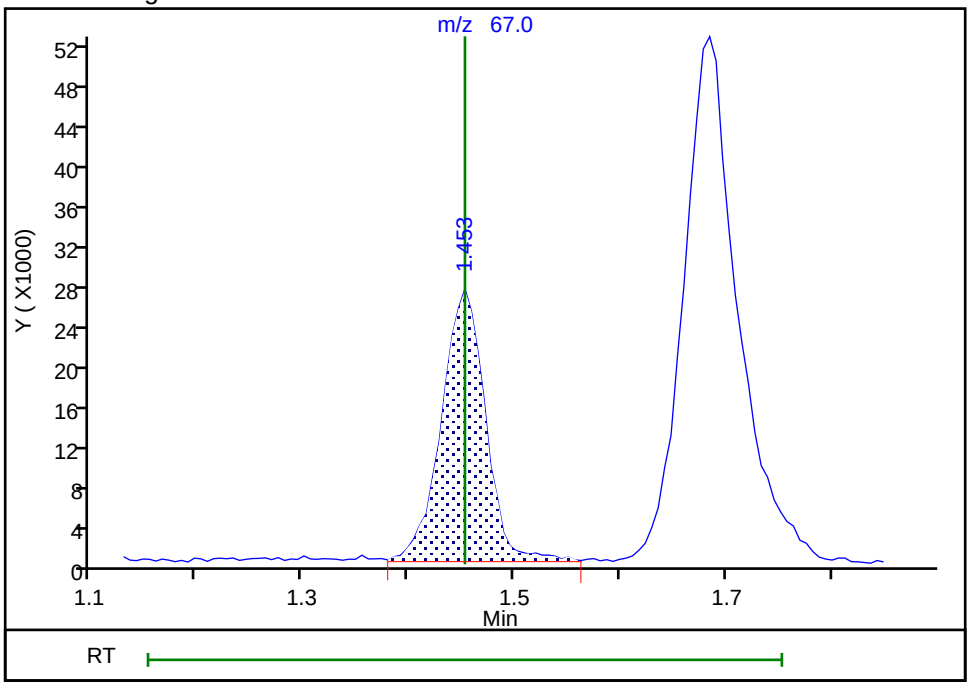
Processing Integration Results

RT: 1.45
Area: 82685
Amount: 16.749335
Amount Units: ug/l




Manual Integration Results

RT: 1.45
Area: 76494
Amount: 15.529300
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:27:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

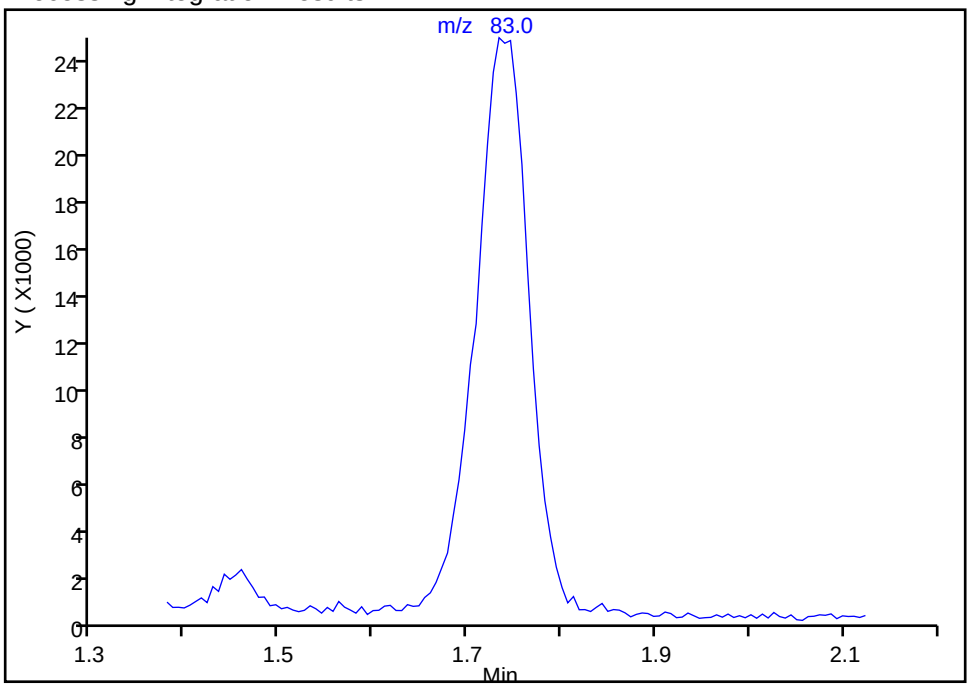
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Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

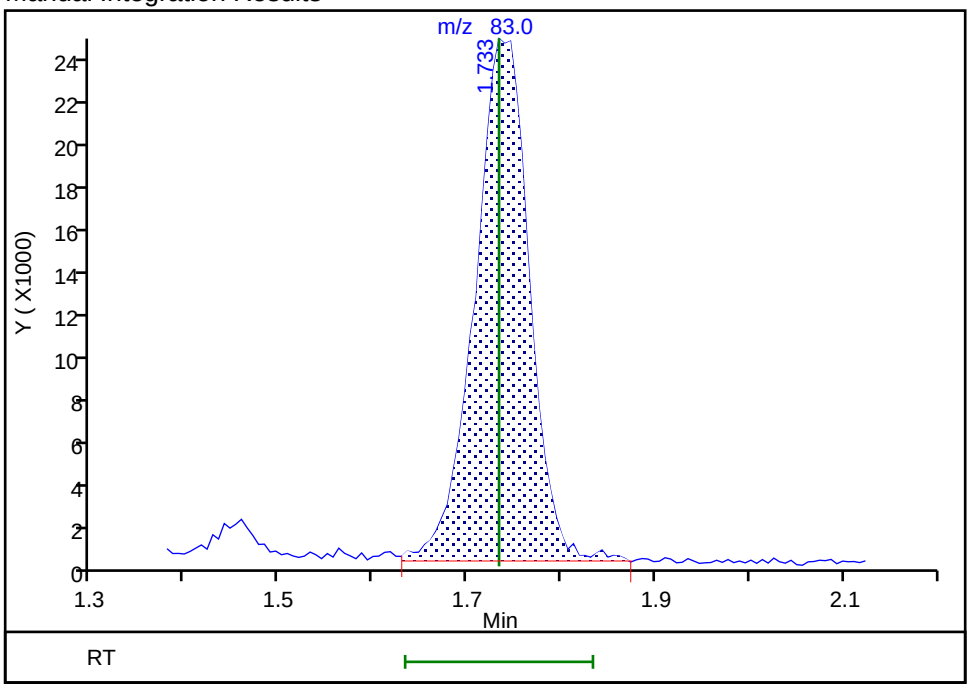
Not Detected
Expected RT: 1.73

Processing Integration Results




Manual Integration Results

RT: 1.73
Area: 98941
Amount: 22.854754
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:42:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

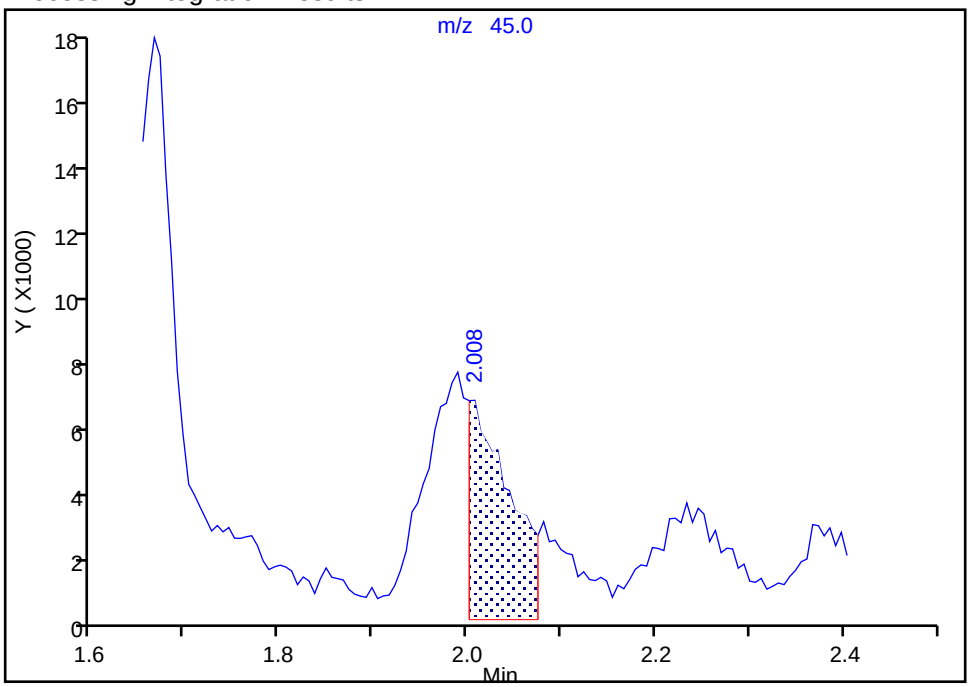
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Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

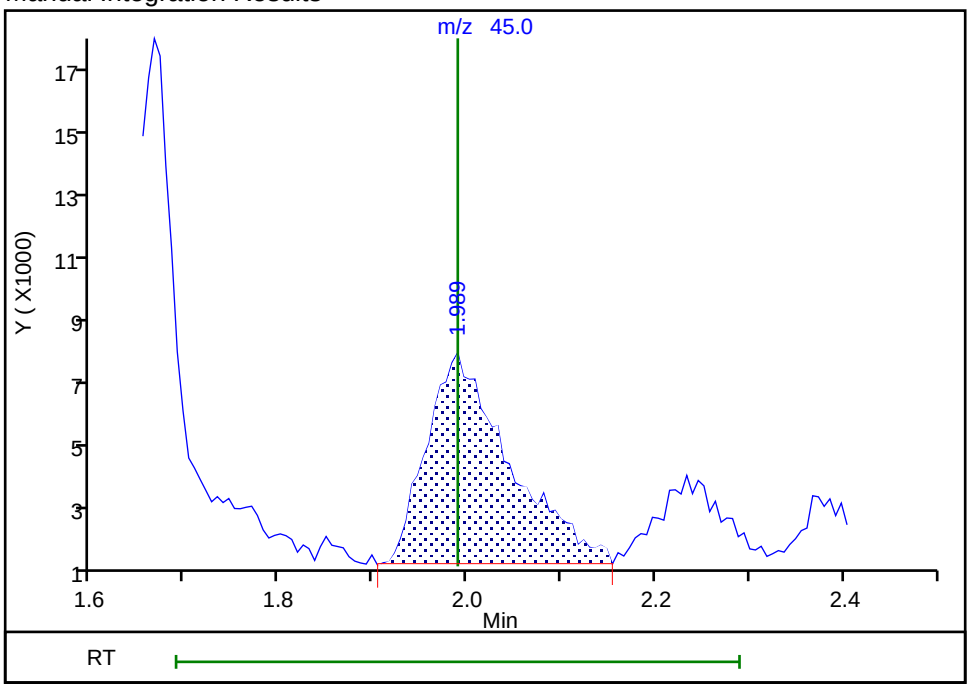
Processing Integration Results

RT: 2.01
Area: 20794
Amount: 88.166314
Amount Units: ug/l




Manual Integration Results

RT: 1.99
Area: 40742
Amount: 166.8506
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:24:55 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

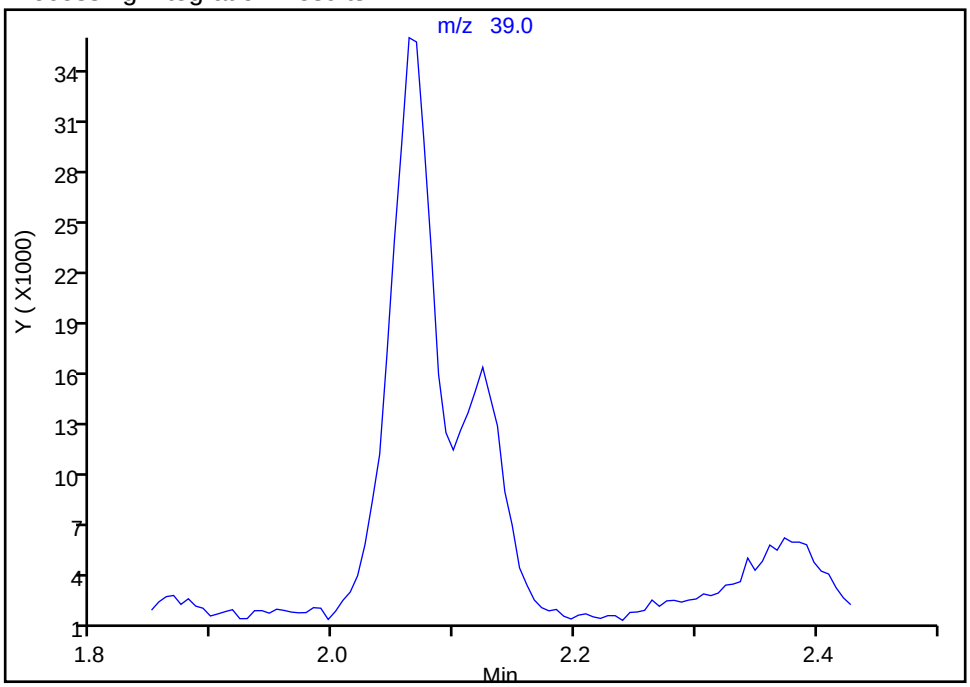
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10145.D
Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

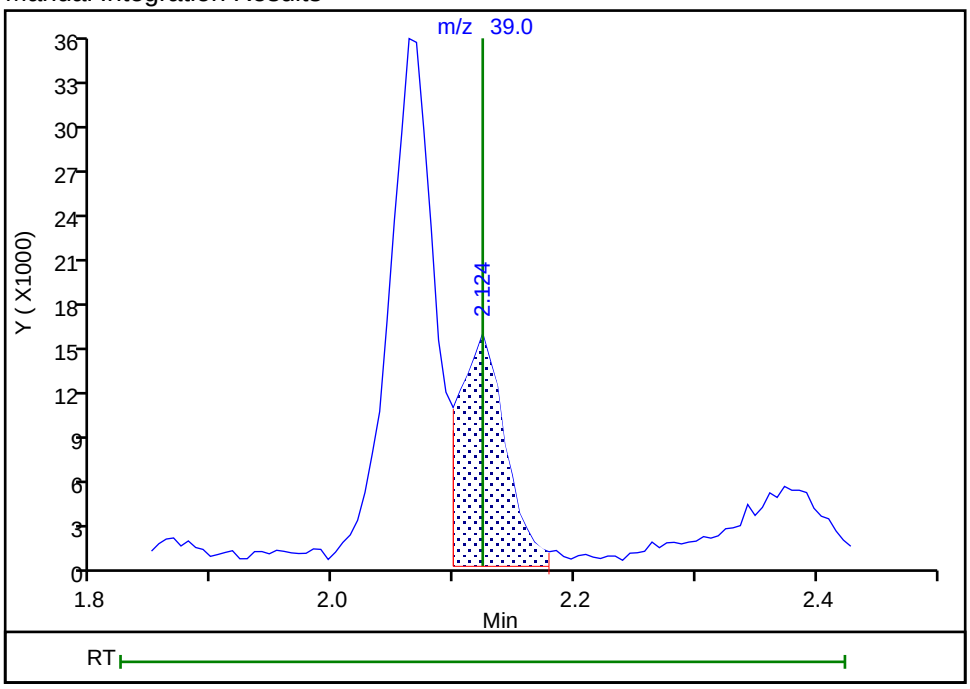
Not Detected
Expected RT: 2.12

Processing Integration Results




Manual Integration Results

RT: 2.12
Area: 40417
Amount: 189.1919
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:25:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

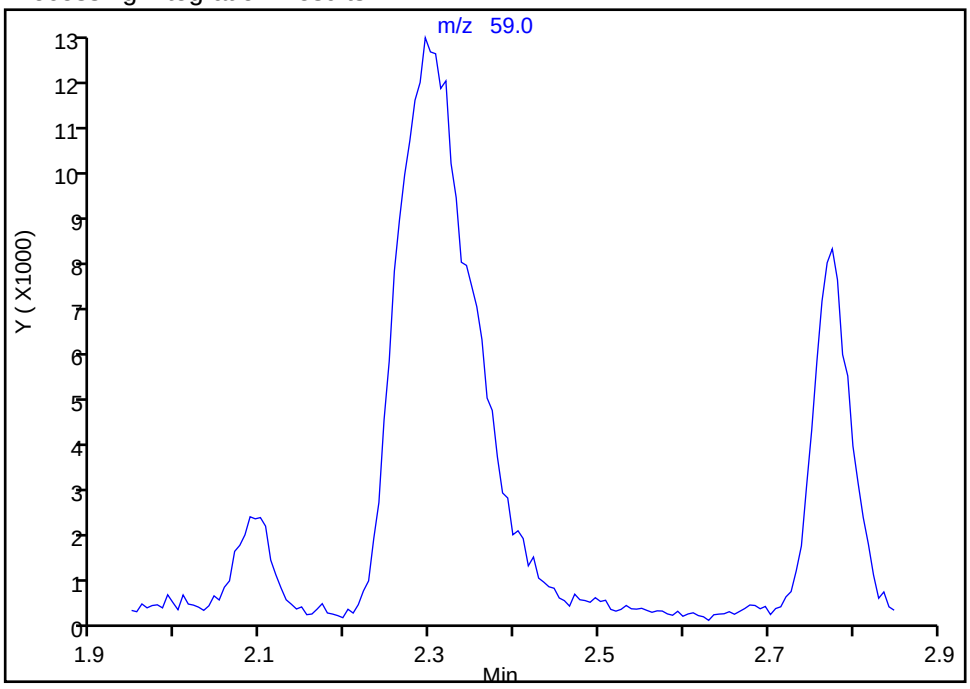
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10145.D
Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

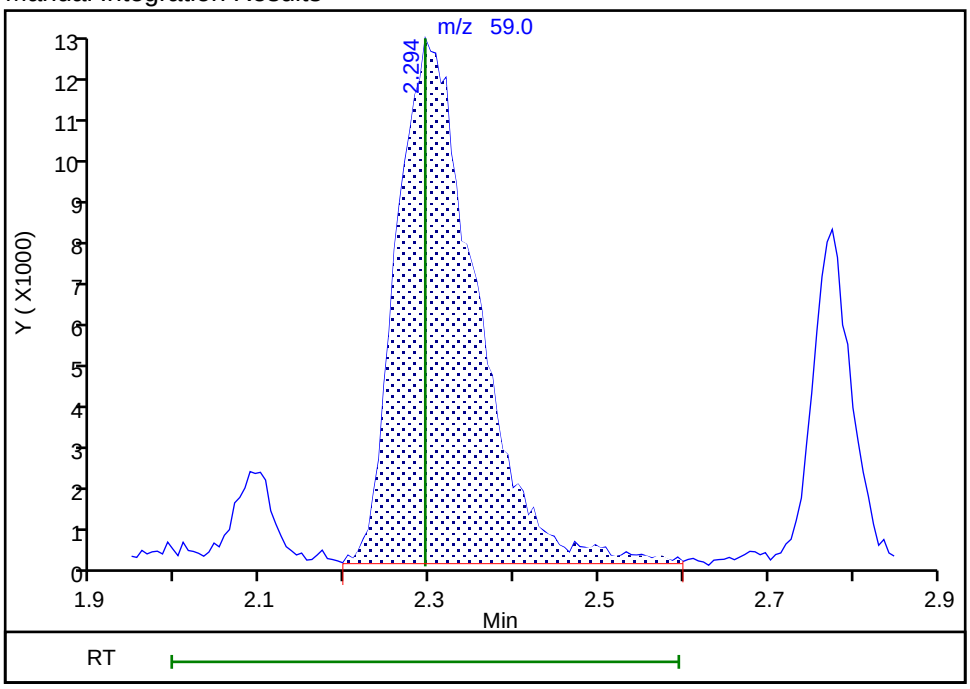
Not Detected
Expected RT: 2.29

Processing Integration Results




Manual Integration Results

RT: 2.29
Area: 79013
Amount: 183.3684
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:42:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

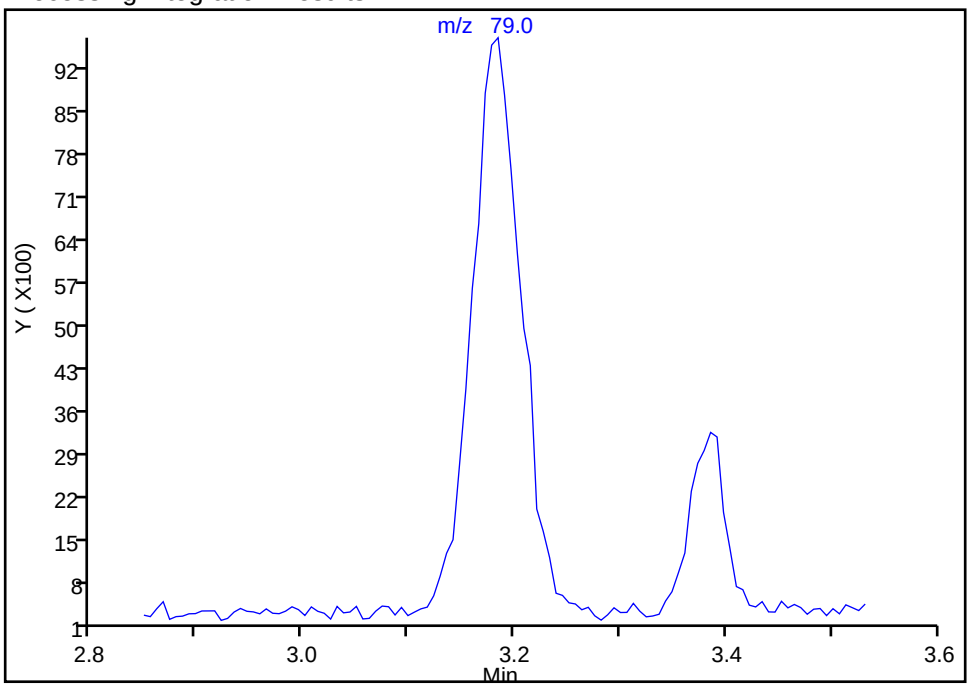
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10145.D
Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 42 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

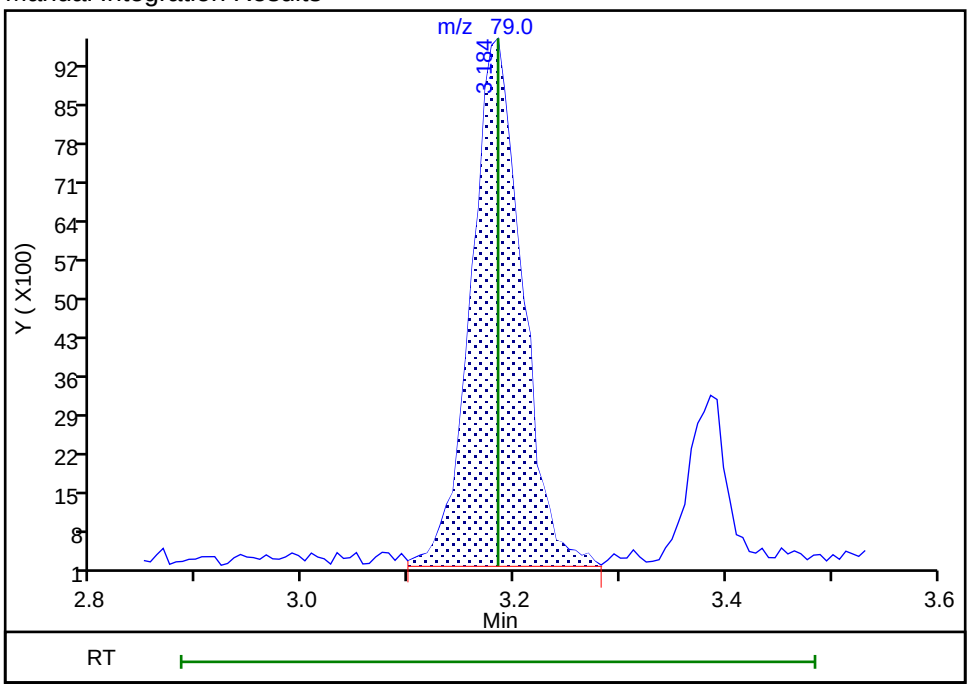
Not Detected
Expected RT: 3.18

Processing Integration Results




Manual Integration Results

RT: 3.18
Area: 31669
Amount: 19.526185
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:43:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

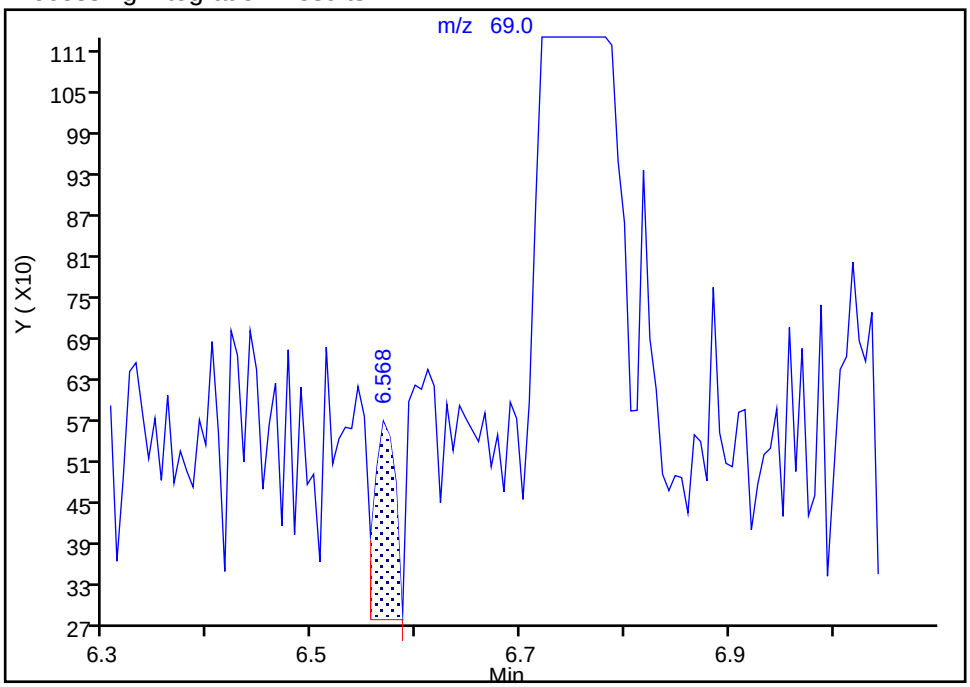
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10145.D
Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

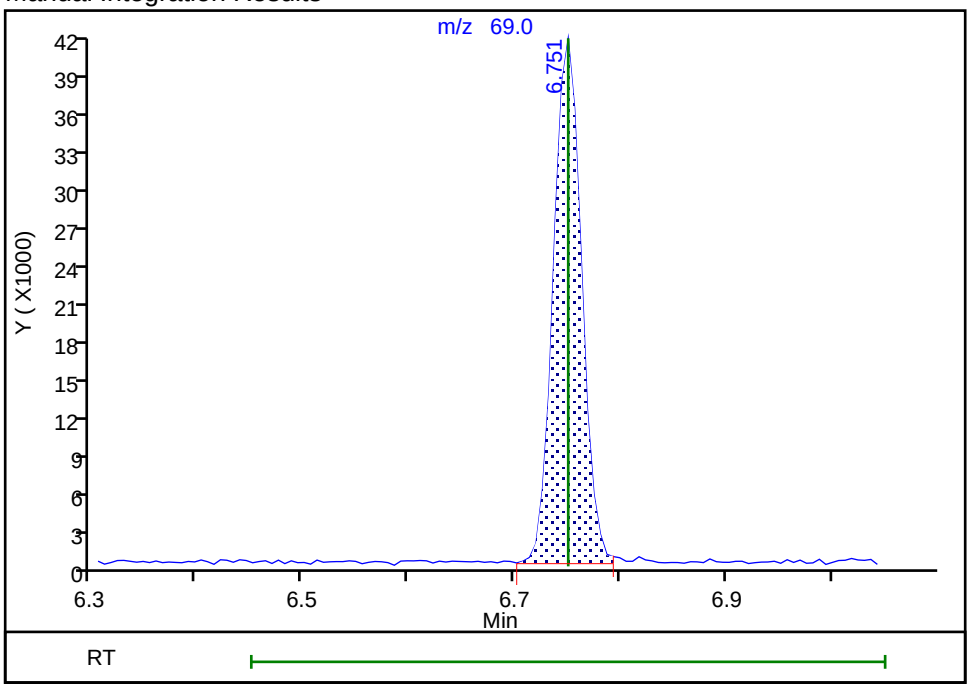
Processing Integration Results

RT: 6.57
Area: 407
Amount: 0.151820
Amount Units: ug/l




Manual Integration Results

RT: 6.75
Area: 75882
Amount: 18.794441
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:43:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

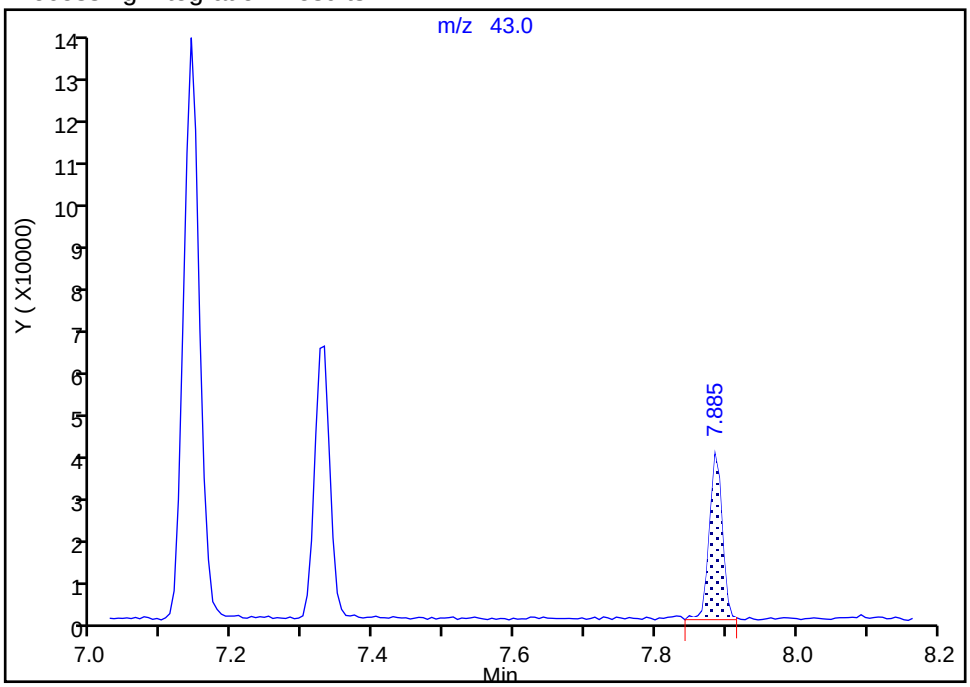
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10145.D
Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

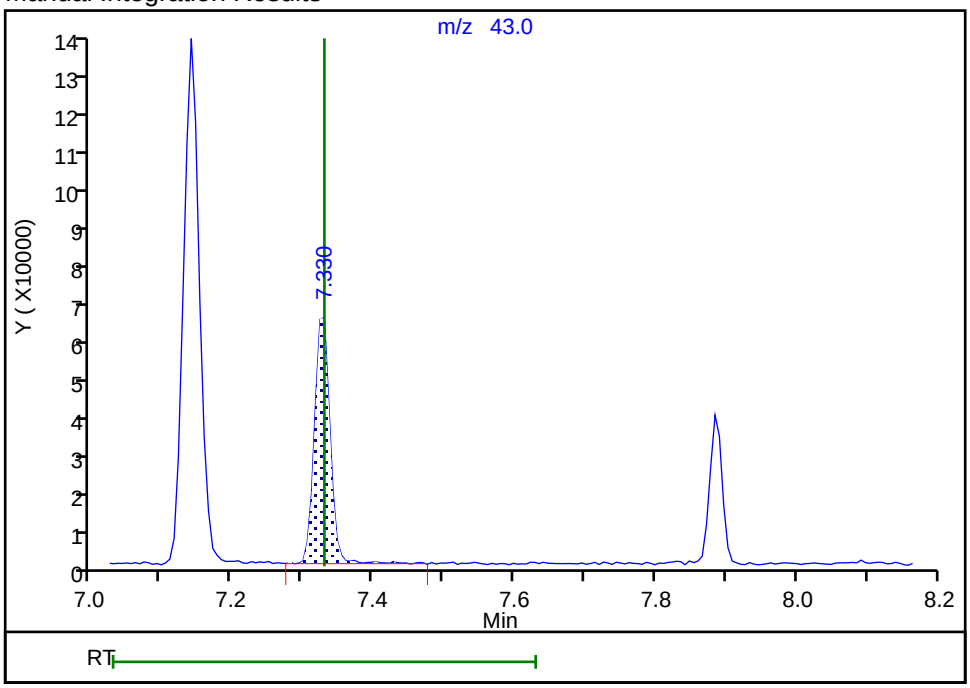
Processing Integration Results

RT: 7.88
Area: 47583
Amount: 18.347345
Amount Units: ug/l




Manual Integration Results

RT: 7.33
Area: 97848
Amount: 18.781012
Amount Units: ug/l




Reviewer: NN6A, 17-Nov-2023 11:36:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

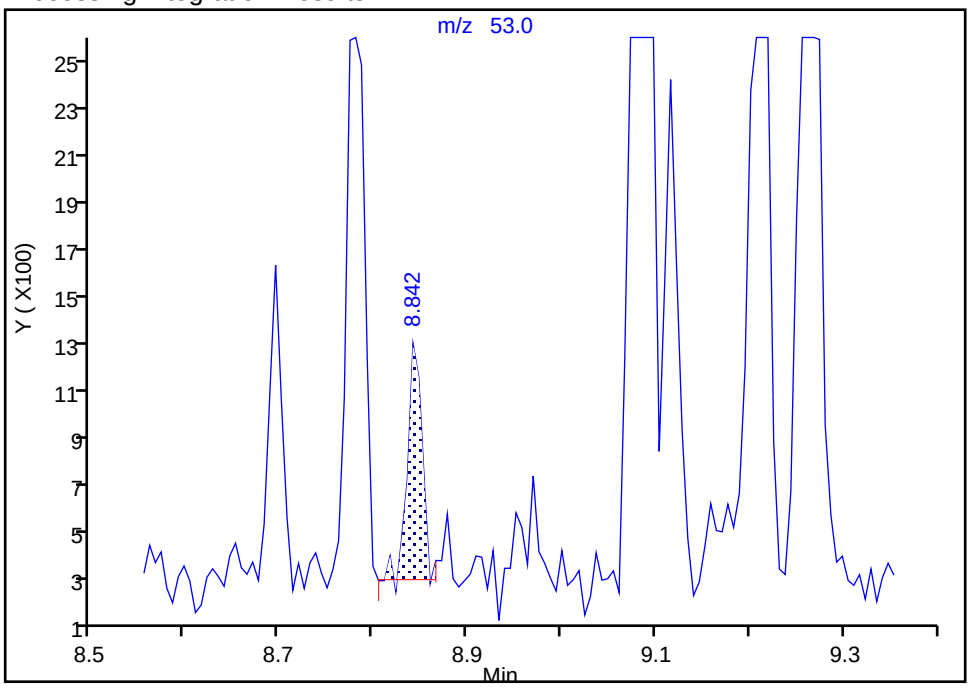
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10145.D
Injection Date: 16-Nov-2023 21:26:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

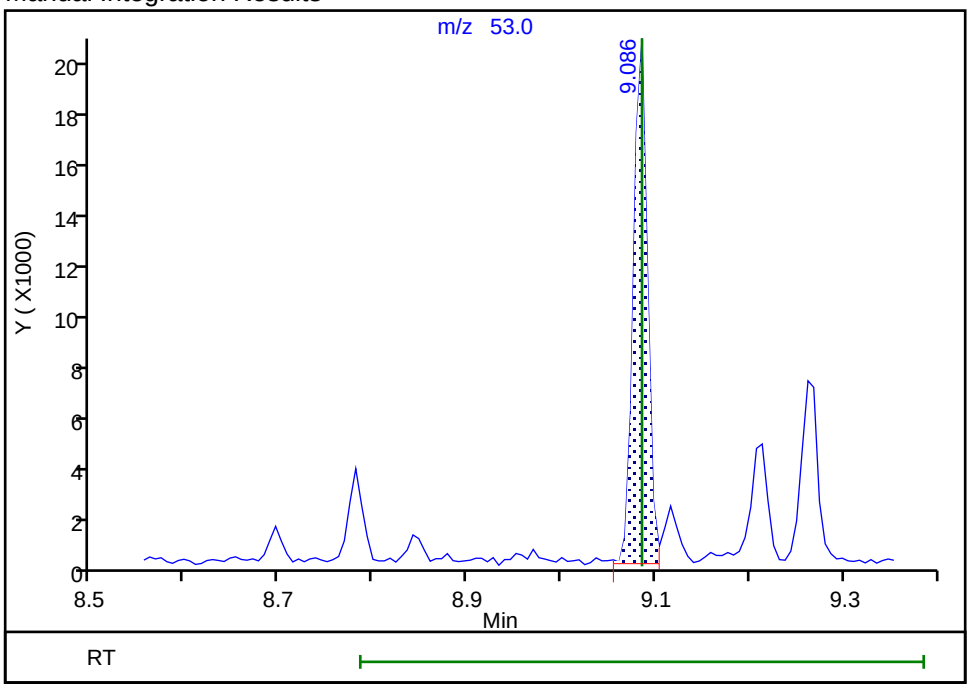
Processing Integration Results

RT: 8.84
Area: 1099
Amount: 1.313764
Amount Units: ug/l




Manual Integration Results

RT: 9.09
Area: 21182
Amount: 18.754804
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:26:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10146.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 16-Nov-2023 21:50:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0169014-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub22

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Nov-2023 11:48:15 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: W9CM Date: 17-Nov-2023 07:31:02

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.904 | 0.904 | 0.000 | 96 | 176907 | 50.0 | 42.2 | |
| 4 Chlorodifluoromethane | 67 | 0.910 | 0.910 | 0.000 | 96 | 32517 | 50.0 | 45.0 | |
| 5 Chloromethane | 50 | 1.008 | 1.002 | 0.006 | 99 | 233114 | 50.0 | 49.8 | |
| 6 Butadiene | 54 | 1.081 | 1.075 | 0.006 | 96 | 188505 | 50.0 | 53.0 | |
| 7 Vinyl chloride | 62 | 1.081 | 1.075 | 0.006 | 97 | 211863 | 50.0 | 47.9 | |
| 8 Bromomethane | 94 | 1.264 | 1.264 | 0.000 | 98 | 120031 | 50.0 | 47.8 | |
| 9 Chloroethane | 64 | 1.325 | 1.319 | 0.006 | 100 | 123703 | 50.0 | 51.6 | |
| 10 Dichlorofluoromethane | 67 | 1.459 | 1.453 | 0.006 | 99 | 234660 | 50.0 | 46.3 | |
| 11 Trichlorofluoromethane | 101 | 1.483 | 1.483 | 0.000 | 98 | 183762 | 50.0 | 50.7 | |
| 12 Pentane | 43 | 1.526 | 1.526 | 0.000 | 96 | 621154 | 100.0 | 108.6 | |
| 13 Ethyl ether | 59 | 1.672 | 1.666 | 0.006 | 92 | 128169 | 50.0 | 44.9 | |
| 14 Ethanol | 46 | 1.660 | 1.666 | -0.006 | 77 | 43519 | 2000.0 | 2252.2 | |
| 15 2-Methyl-1,3-butadiene | 53 | 1.678 | 1.679 | -0.001 | 93 | 165515 | 50.0 | 52.9 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.697 | 1.703 | -0.006 | 84 | 105452 | 50.0 | 41.6 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.739 | 1.733 | 0.006 | 94 | 181128 | 50.0 | 41.5 | a |
| 18 Acrolein | 56 | 1.752 | 1.752 | 0.000 | 96 | 188381 | 400.0 | 413.9 | |
| 19 1,1-Dichloroethene | 96 | 1.812 | 1.813 | -0.001 | 95 | 139943 | 50.0 | 54.2 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.843 | 1.837 | 0.006 | 95 | 158720 | 50.0 | 54.1 | |
| 21 Acetone | 43 | 1.861 | 1.861 | 0.000 | 85 | 227160 | 250.0 | 223.8 | |
| 22 Iodomethane | 142 | 1.910 | 1.910 | 0.000 | 99 | 240215 | 50.0 | 48.9 | |
| 23 Carbon disulfide | 76 | 1.953 | 1.953 | 0.000 | 100 | 465494 | 50.0 | 49.0 | |
| 24 Isopropyl alcohol | 45 | 1.989 | 1.989 | 0.000 | 96 | 120463 | 500.0 | 560.5 | |
| 25 3-Chloro-1-propene | 39 | 2.069 | 2.063 | 0.006 | 90 | 234980 | 50.0 | 48.7 | |
| 26 Methyl acetate | 43 | 2.093 | 2.099 | -0.006 | 100 | 209801 | 100.0 | 95.0 | |
| 27 Acetonitrile | 39 | 2.123 | 2.124 | -0.001 | 32 | 103508 | 500.0 | 550.5 | a |
| 28 Methylene Chloride | 84 | 2.160 | 2.154 | 0.006 | 96 | 162357 | 50.0 | 48.5 | |
| * 29 TBA-d9 (IS) | 65 | 2.233 | 2.227 | 0.006 | 0 | 335181 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.294 | 2.294 | 0.000 | 92 | 193185 | 500.0 | 509.4 | a |
| 31 Acrylonitrile | 53 | 2.343 | 2.343 | 0.000 | 94 | 476177 | 500.0 | 500.5 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.361 | 2.361 | 0.000 | 98 | 153624 | 50.0 | 49.7 | |

| 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 | 2.379 | 2.374 | 0.005 | 97 | 402250 | 50.0 | 47.3 | |
| 34 Hexane | 57 | 2.581 | 2.581 | 0.000 | 93 | 255970 | 50.0 | 49.9 | |
| 35 1,1-Dichloroethane | 63 | 2.684 | 2.691 | -0.007 | 99 | 306940 | 50.0 | 47.3 | |
| 36 Vinyl acetate | 86 | 2.745 | 2.745 | 0.000 | 100 | 52643 | 100.0 | 99.2 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.757 | 2.758 | -0.001 | 94 | 147517 | 50.0 | 50.1 | |
| 38 Isopropyl ether | 45 | 2.776 | 2.776 | 0.000 | 87 | 575412 | 50.0 | 49.3 | |
| 39 Tert-butyl ethyl ether | 87 | 3.081 | 3.081 | 0.000 | 88 | 177170 | 50.0 | 48.5 | |
| * 40 2-Butanone-d5 | 46 | 3.154 | 3.154 | 0.000 | 0 | 335993 | 250.0 | 250.0 | a |
| 41 cis-1,2-Dichloroethene | 96 | 3.178 | 3.178 | 0.000 | 93 | 168248 | 50.0 | 49.1 | |
| 42 2,2-Dichloropropane | 79 | 3.184 | 3.184 | 0.000 | 95 | 80133 | 50.0 | 49.0 | |
| 43 2-Butanone (MEK) | 72 | 3.215 | 3.215 | 0.000 | 100 | 78481 | 250.0 | 218.4 | |
| 44 Propionitrile | 54 | 3.257 | 3.258 | -0.001 | 98 | 185325 | 500.0 | 481.4 | |
| 45 Ethyl acetate | 43 | 3.276 | 3.276 | 0.000 | 99 | 303168 | 100.0 | 96.1 | |
| 62 Methyl acrylate | 55 | 3.300 | 3.300 | 0.000 | 99 | 157095 | 50.0 | 49.2 | |
| 46 Chlorobromomethane | 128 | 3.385 | 3.386 | -0.001 | 98 | 73725 | 50.0 | 48.0 | |
| 47 Methacrylonitrile | 67 | 3.391 | 3.386 | 0.005 | 93 | 539655 | 500.0 | 469.7 | |
| 48 Tetrahydrofuran | 42 | 3.446 | 3.453 | -0.007 | 83 | 93971 | 100.0 | 96.2 | |
| 49 Chloroform | 83 | 3.477 | 3.477 | 0.000 | 98 | 285353 | 50.0 | 49.4 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.623 | 3.623 | 0.000 | 96 | 197067 | 50.0 | 51.7 | |
| 51 1,1,1-Trichloroethane | 97 | 3.641 | 3.635 | 0.006 | 98 | 250409 | 50.0 | 48.8 | |
| 52 Cyclohexane | 84 | 3.690 | 3.690 | 0.000 | 95 | 250981 | 50.0 | 52.7 | |
| 54 1,1-Dichloropropene | 75 | 3.788 | 3.788 | 0.000 | 93 | 224927 | 50.0 | 48.7 | |
| 53 Carbon tetrachloride | 117 | 3.794 | 3.794 | 0.000 | 96 | 211429 | 50.0 | 49.1 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.934 | 3.934 | 0.000 | 0 | 229987 | 50.0 | 51.2 | |
| 56 Benzene | 78 | 3.989 | 3.989 | 0.000 | 97 | 636629 | 50.0 | 47.8 | |
| 58 Isobutyl alcohol | 42 | 3.995 | 4.001 | -0.006 | 90 | 128595 | 1250.0 | 1327.5 | |
| 57 1,2-Dichloroethane | 62 | 4.013 | 4.013 | 0.000 | 98 | 210242 | 50.0 | 46.6 | |
| 73 Isopropyl acetate | 61 | 4.141 | 4.141 | 0.000 | 94 | 55341 | 50.0 | 47.9 | |
| 59 Tert-amyl methyl ether | 73 | 4.147 | 4.148 | -0.001 | 92 | 442396 | 50.0 | 49.7 | |
| * 60 Fluorobenzene | 96 | 4.282 | 4.282 | 0.000 | 98 | 660213 | 50.0 | 50.0 | |
| 61 n-Heptane | 43 | 4.318 | 4.312 | 0.006 | 95 | 284068 | 50.0 | 49.3 | |
| 63 Trichloroethene | 95 | 4.678 | 4.678 | 0.000 | 98 | 159381 | 50.0 | 48.2 | |
| 64 n-Butanol | 43 | 4.708 | 4.715 | -0.007 | 92 | 63895 | 1250.0 | 1277.3 | |
| 66 Ethyl acrylate | 55 | 4.867 | 4.873 | -0.006 | 97 | 428537 | 50.0 | 50.6 | |
| 65 Methylcyclohexane | 83 | 4.885 | 4.885 | 0.000 | 95 | 295059 | 50.0 | 51.5 | |
| 67 1,2-Dichloropropane | 63 | 4.922 | 4.922 | 0.000 | 93 | 175972 | 50.0 | 48.8 | |
| 68 Dibromomethane | 93 | 5.044 | 5.044 | 0.000 | 96 | 85715 | 50.0 | 44.5 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.062 | 5.056 | 0.006 | 0 | 29511 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.117 | 5.117 | 0.000 | 31 | 31215 | 1000.0 | 1023.1 | |
| 71 Methyl methacrylate | 100 | 5.123 | 5.123 | 0.000 | 92 | 69572 | 100.0 | 90.3 | |
| 81 n-Propyl acetate | 43 | 5.220 | 5.221 | -0.001 | 99 | 215763 | 50.0 | 47.7 | |
| 72 Dichlorobromomethane | 83 | 5.257 | 5.257 | 0.000 | 98 | 208415 | 50.0 | 49.0 | |
| 74 2-Nitropropane | 41 | 5.543 | 5.544 | -0.001 | 99 | 78897 | 100.0 | 93.8 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.671 | 5.672 | -0.001 | 93 | 39999 | 50.1 | 41.9 | |
| 76 Epichlorohydrin | 57 | 5.714 | 5.714 | 0.000 | 100 | 275352 | 1000.0 | 994.8 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.812 | 5.812 | 0.000 | 96 | 263858 | 50.0 | 47.7 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.056 | 6.056 | 0.000 | 99 | 736525 | 250.0 | 243.4 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.141 | 6.141 | 0.000 | 99 | 853055 | 50.0 | 50.8 | |
| 80 Toluene | 91 | 6.226 | 6.220 | 0.006 | 93 | 679153 | 50.0 | 47.4 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.555 | 6.556 | -0.001 | 98 | 231335 | 50.0 | 47.4 | |
| 84 Ethyl methacrylate | 69 | 6.751 | 6.751 | 0.000 | 91 | 190960 | 50.0 | 46.9 | |
| 83 1,1,2-Trichloroethane | 83 | 6.781 | 6.781 | 0.000 | 92 | 105102 | 50.0 | 46.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Tetrachloroethene | 166 | 6.927 | 6.928 | -0.001 | 94 | 153889 | 50.0 | 48.5 | |
| 86 1,3-Dichloropropane | 76 | 6.976 | 6.976 | 0.000 | 96 | 220830 | 50.0 | 47.3 | |
| 87 2-Hexanone | 43 | 7.141 | 7.141 | 0.000 | 98 | 510337 | 250.0 | 231.5 | |
| 88 Chlorodibromomethane | 129 | 7.226 | 7.226 | 0.000 | 98 | 134910 | 50.0 | 47.0 | |
| 89 Ethylene Dibromide | 107 | 7.324 | 7.324 | 0.000 | 97 | 121287 | 50.0 | 45.8 | |
| 90 n-Butyl acetate | 43 | 7.324 | 7.330 | -0.006 | 98 | 241790 | 50.0 | 46.5 | a |
| * 91 Chlorobenzene-d5 | 117 | 7.824 | 7.824 | 0.000 | 88 | 531003 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.854 | 7.854 | 0.000 | 92 | 419154 | 50.0 | 49.0 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.952 | 7.952 | 0.000 | 94 | 146647 | 50.0 | 47.9 | |
| 94 Ethylbenzene | 106 | 7.988 | 7.988 | 0.000 | 99 | 232471 | 50.0 | 48.0 | |
| 95 m-Xylene & p-Xylene | 106 | 8.104 | 8.104 | 0.000 | 0 | 289149 | 50.0 | 48.5 | |
| 96 o-Xylene | 106 | 8.451 | 8.452 | -0.001 | 93 | 284482 | 50.0 | 48.8 | |
| 97 Styrene | 104 | 8.470 | 8.470 | 0.000 | 93 | 475011 | 50.0 | 48.4 | |
| 98 n-Butyl acrylate | 73 | 8.488 | 8.488 | 0.000 | 95 | 121338 | 50.0 | 49.3 | |
| 99 Bromoform | 173 | 8.604 | 8.604 | 0.000 | 95 | 87137 | 50.0 | 46.4 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.695 | 8.695 | 0.000 | 90 | 282035 | 50.0 | 45.1 | |
| 102 Isopropylbenzene | 105 | 8.781 | 8.781 | 0.000 | 97 | 740988 | 50.0 | 49.4 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.890 | 8.891 | -0.001 | 85 | 238065 | 50.0 | 51.7 | |
| 104 Bromobenzene | 156 | 8.994 | 8.994 | 0.000 | 95 | 170151 | 50.0 | 48.7 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.037 | 9.037 | 0.000 | 98 | 168233 | 50.0 | 48.4 | |
| 105 1,2,3-Trichloropropane | 110 | 9.055 | 9.055 | 0.000 | 97 | 43971 | 50.0 | 46.5 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.085 | 9.086 | -0.001 | 88 | 53605 | 50.0 | 47.7 | a |
| 108 N-Propylbenzene | 120 | 9.116 | 9.116 | 0.000 | 98 | 206014 | 50.0 | 49.6 | |
| 109 2-Chlorotoluene | 126 | 9.165 | 9.165 | 0.000 | 97 | 176628 | 50.0 | 49.4 | |
| 110 4-Ethyltoluene | 105 | 9.213 | 9.214 | -0.001 | 99 | 752717 | 50.0 | 49.8 | |
| 111 4-Chlorotoluene | 91 | 9.256 | 9.256 | 0.000 | 99 | 636899 | 50.0 | 48.8 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.262 | 9.262 | 0.000 | 92 | 643512 | 50.0 | 49.6 | |
| 100 Butyl Methacrylate | 87 | 9.372 | 9.372 | 0.000 | 94 | 215599 | 50.0 | 50.2 | |
| 113 tert-Butylbenzene | 119 | 9.512 | 9.512 | 0.000 | 93 | 535074 | 50.0 | 50.2 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.549 | 9.549 | 0.000 | 98 | 661129 | 50.0 | 49.1 | |
| 115 sec-Butylbenzene | 105 | 9.677 | 9.677 | 0.000 | 98 | 841700 | 50.0 | 51.2 | |
| 116 1,3-Dichlorobenzene | 146 | 9.738 | 9.738 | 0.000 | 94 | 339105 | 50.0 | 49.5 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.787 | 9.787 | 0.000 | 98 | 285729 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.793 | 9.793 | 0.000 | 97 | 712179 | 50.0 | 50.2 | |
| 118 1,4-Dichlorobenzene | 146 | 9.805 | 9.805 | 0.000 | 93 | 341457 | 50.0 | 49.0 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.854 | 9.854 | 0.000 | 99 | 677214 | 50.0 | 49.8 | |
| 121 Benzyl chloride | 126 | 9.915 | 9.909 | 0.006 | 98 | 66834 | 50.0 | 47.9 | |
| 122 2,3-Dihydroindene | 117 | 9.988 | 9.988 | 0.000 | 94 | 605452 | 50.0 | 49.8 | |
| 124 p-Diethylbenzene | 119 | 10.067 | 10.067 | 0.000 | 91 | 443180 | 50.0 | 51.4 | |
| 123 1,2-Dichlorobenzene | 146 | 10.073 | 10.073 | 0.000 | 85 | 319572 | 50.0 | 49.5 | |
| 125 n-Butylbenzene | 92 | 10.085 | 10.085 | 0.000 | 98 | 402537 | 50.0 | 50.5 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.610 | 10.610 | 0.000 | 97 | 674467 | 50.0 | 50.7 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.622 | 10.622 | 0.000 | 95 | 34346 | 50.0 | 48.0 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.768 | 10.768 | 0.000 | 96 | 275621 | 50.0 | 49.7 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.183 | 11.183 | 0.000 | 94 | 245957 | 50.0 | 47.1 | |
| 130 Hexachlorobutadiene | 225 | 11.311 | 11.311 | 0.000 | 93 | 134446 | 50.0 | 50.7 | |
| 131 Naphthalene | 128 | 11.347 | 11.347 | 0.000 | 99 | 510513 | 50.0 | 46.4 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.524 | 11.524 | 0.000 | 94 | 219038 | 50.0 | 47.0 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 98.8 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 100.0 | 95.1 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 100.0 | 97.3 | |
| S 136 Total BTEX | 1 | | | | 0 | | 250.0 | 240.5 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00179 | Amount Added: | 5.00 | Units: uL | |
| GASES Li_00557 | Amount Added: | 5.00 | Units: uL | |
| 524FREONS_00010 | Amount Added: | 5.00 | Units: uL | |
| EthyhexAcr_Li_00005 | Amount Added: | 5.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 4.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

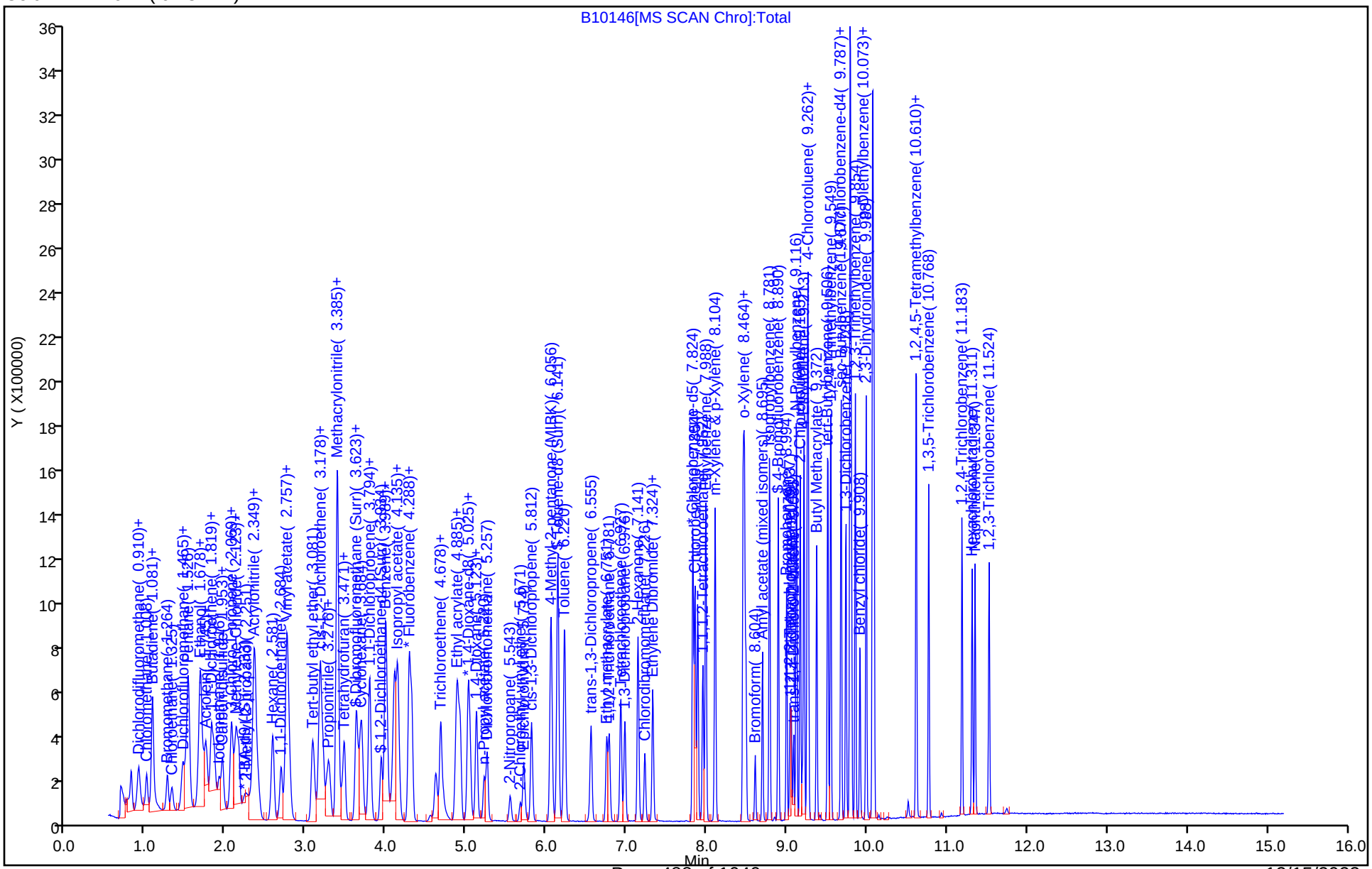
Report Date: 17-Nov-2023 11:48:16 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10146.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Nov-2023 21:50:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | STD50 | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)



Eurofins Edison

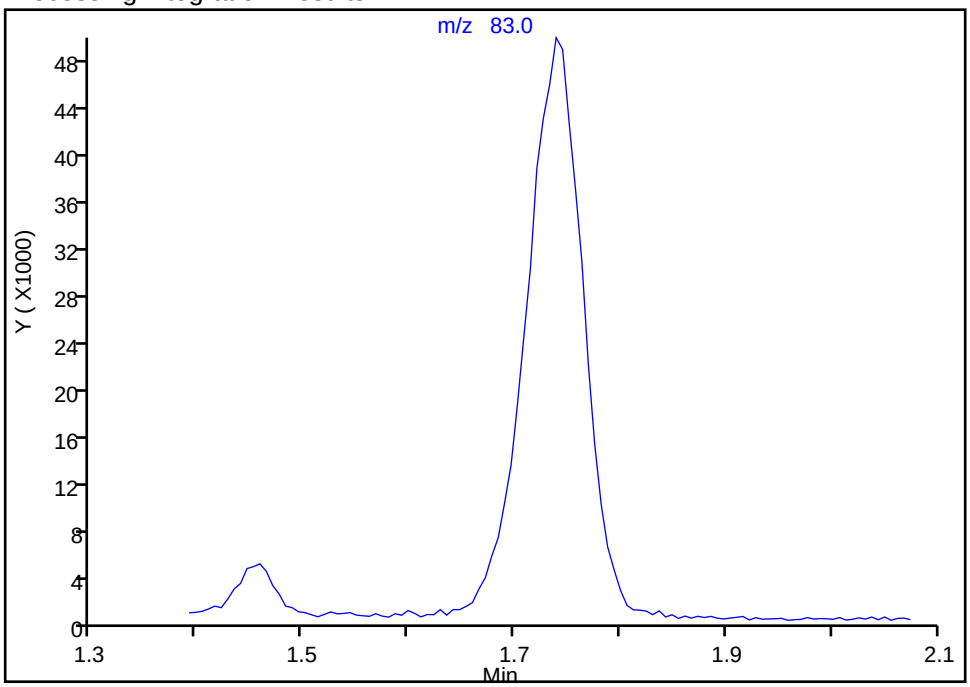
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Injection Date: 16-Nov-2023 21:50:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

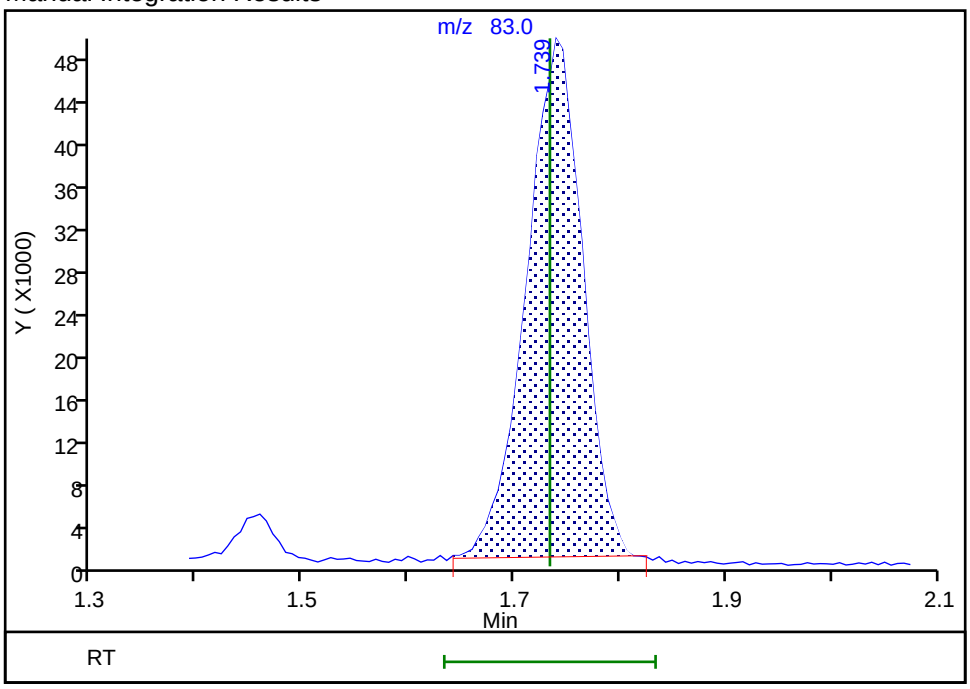
Not Detected
Expected RT: 1.73

Processing Integration Results




Manual Integration Results

RT: 1.74
Area: 181128
Amount: 41.474856
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:54:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

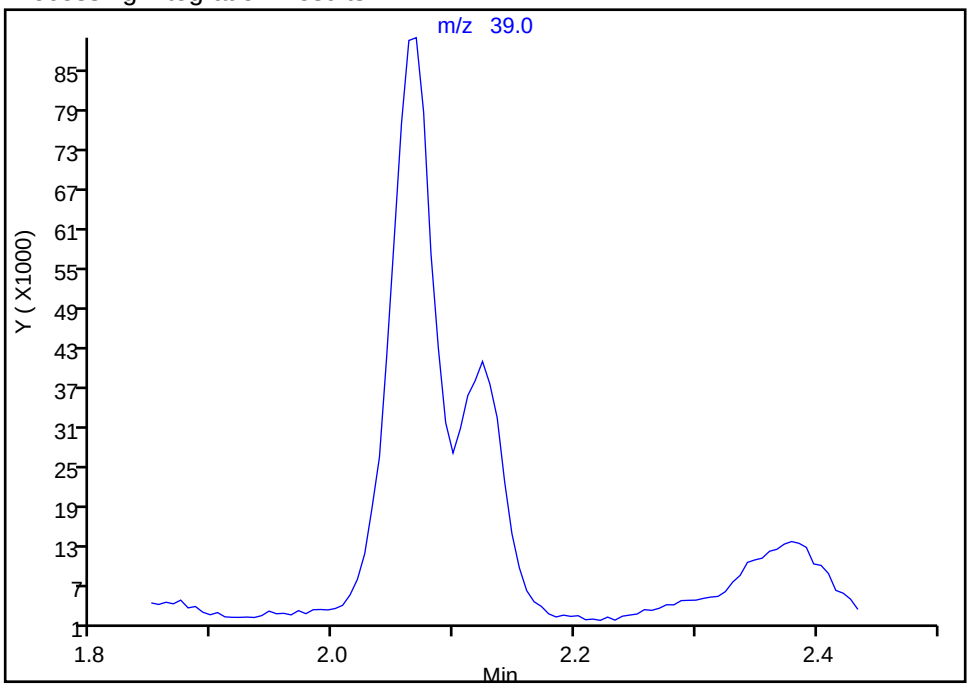
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Injection Date: 16-Nov-2023 21:50:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

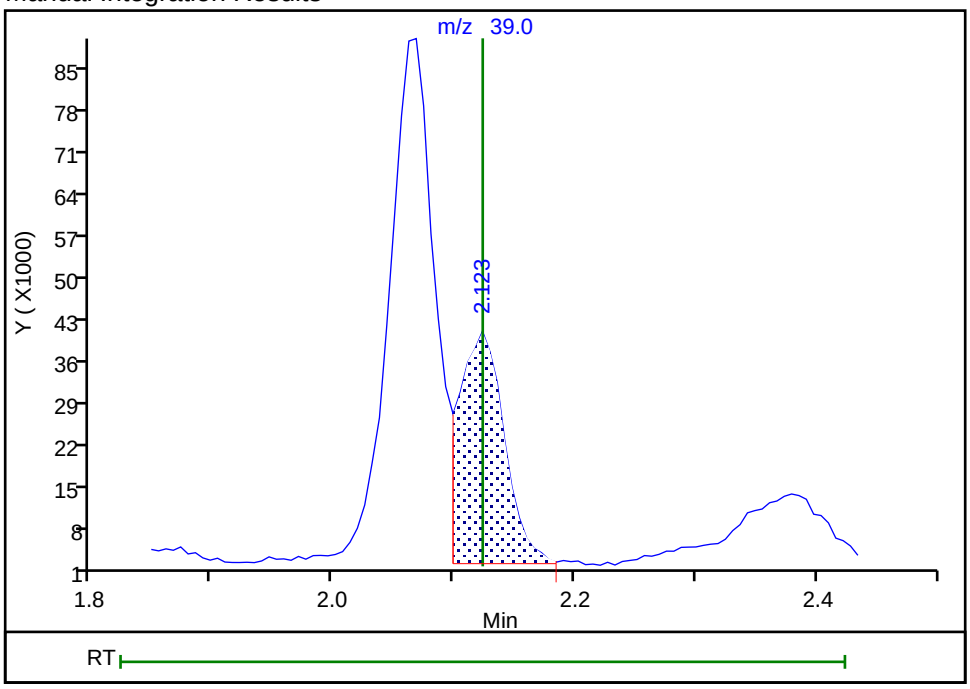
Not Detected
Expected RT: 2.12

Processing Integration Results




Manual Integration Results

RT: 2.12
Area: 103508
Amount: 550.4726
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:23:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

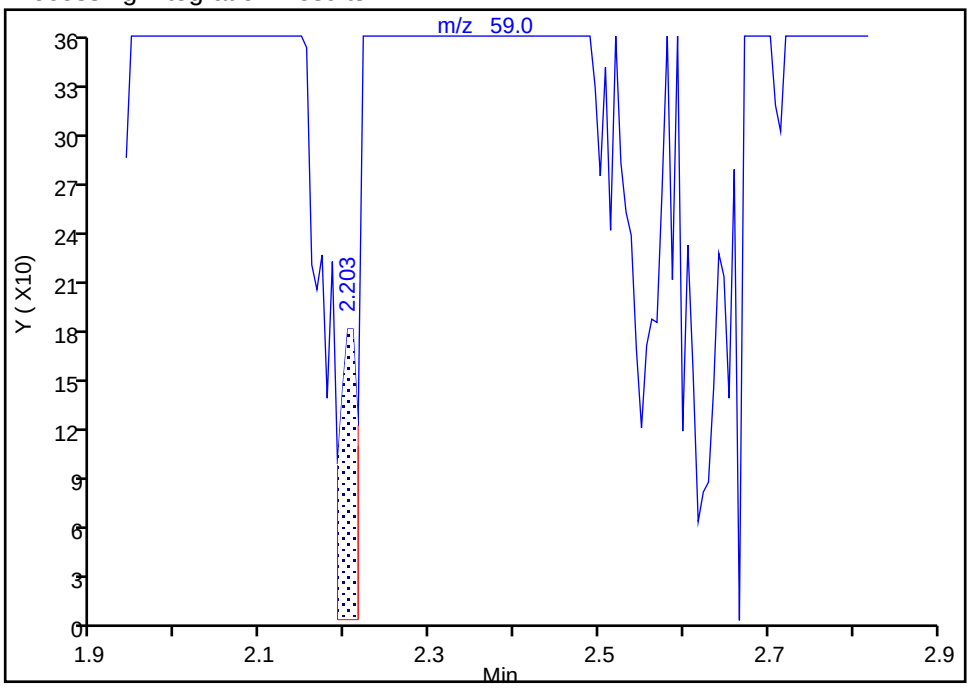
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Injection Date: 16-Nov-2023 21:50:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

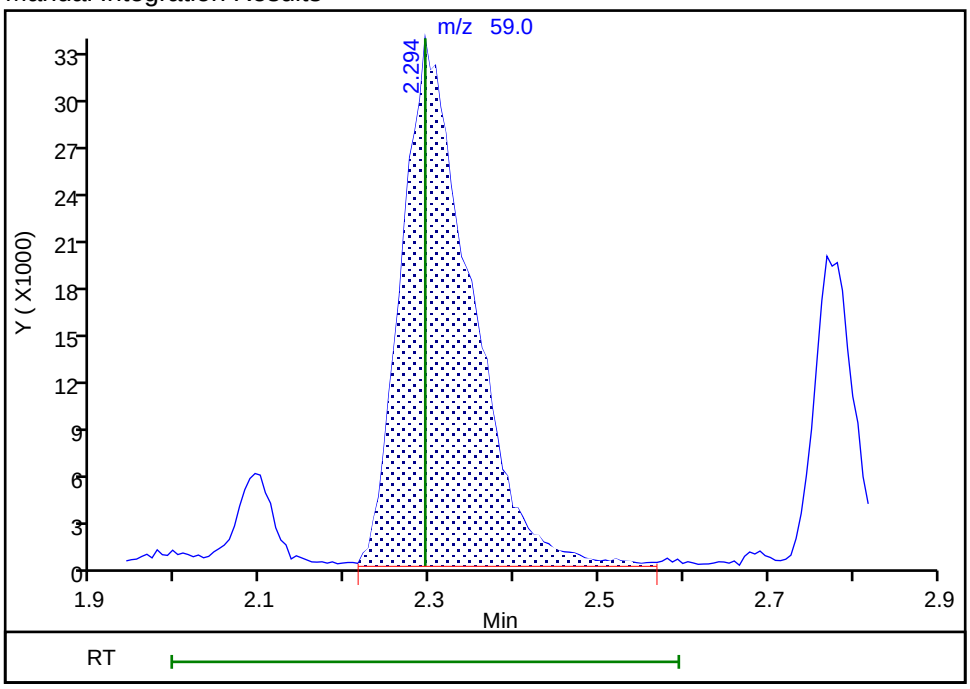
Processing Integration Results

RT: 2.20
Area: 259
Amount: 0.822318
Amount Units: ug/l




Manual Integration Results

RT: 2.29
Area: 193185
Amount: 509.3575
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:23:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

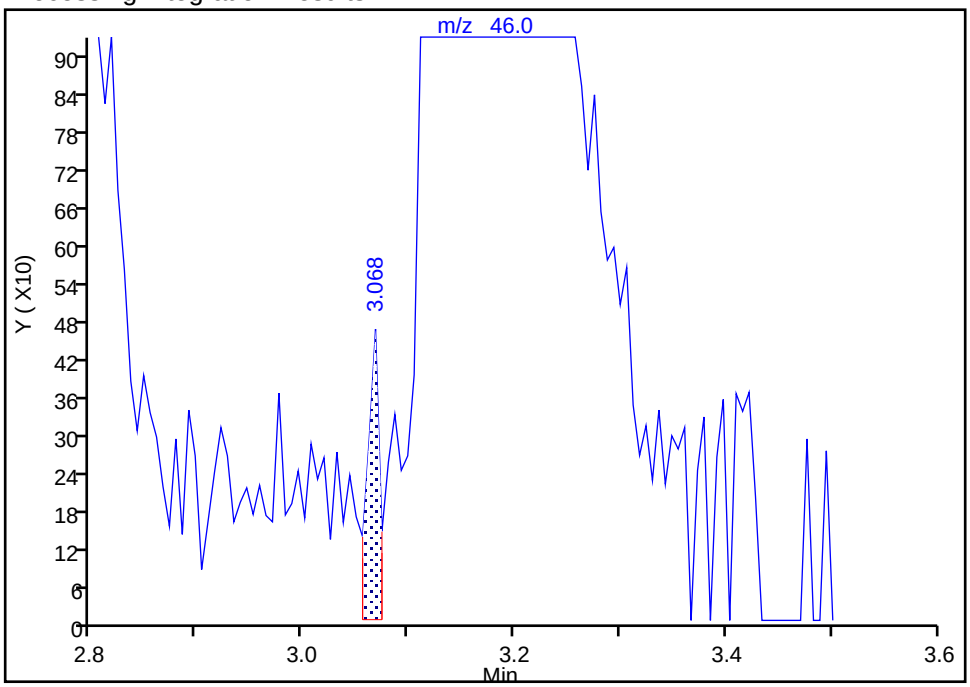
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Injection Date: 16-Nov-2023 21:50:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

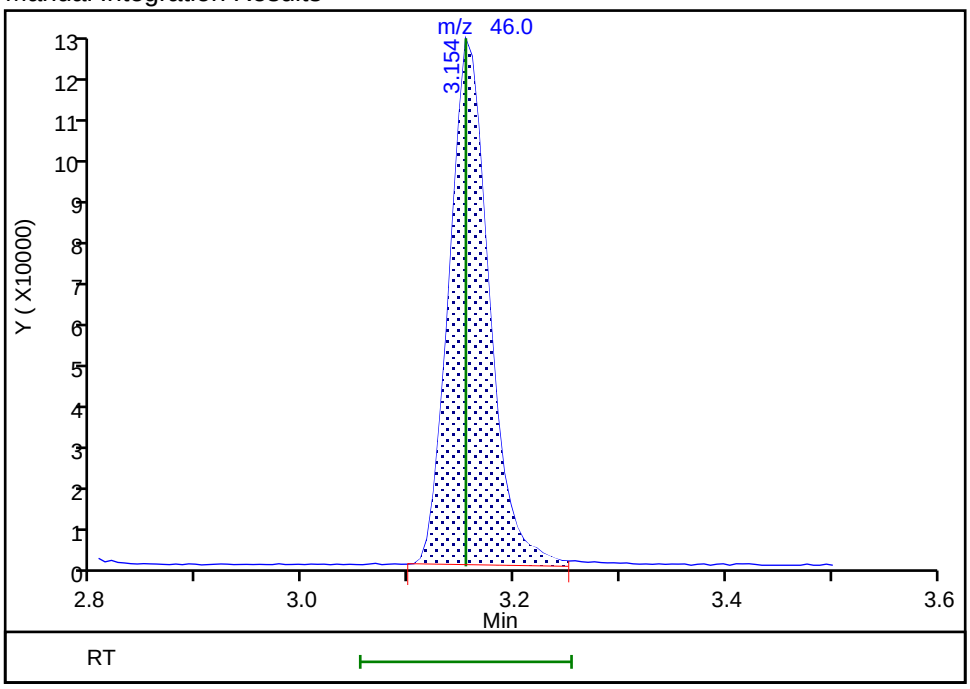
Processing Integration Results

RT: 3.07
Area: 375
Amount: 250.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.15
Area: 335993
Amount: 250.0000
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 07:30:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

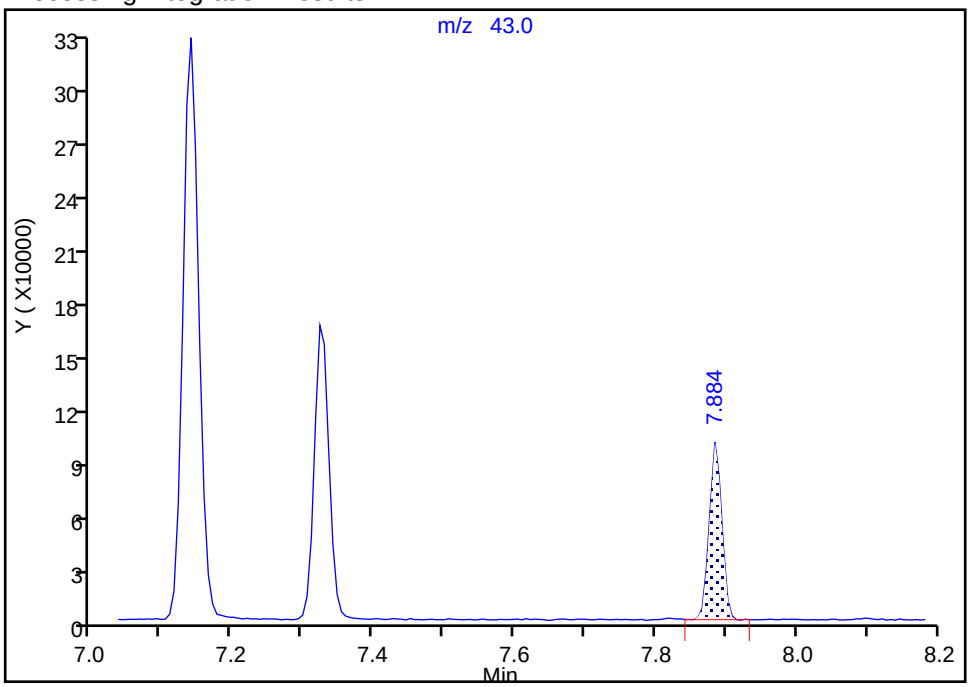
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10146.D
Injection Date: 16-Nov-2023 21:50:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

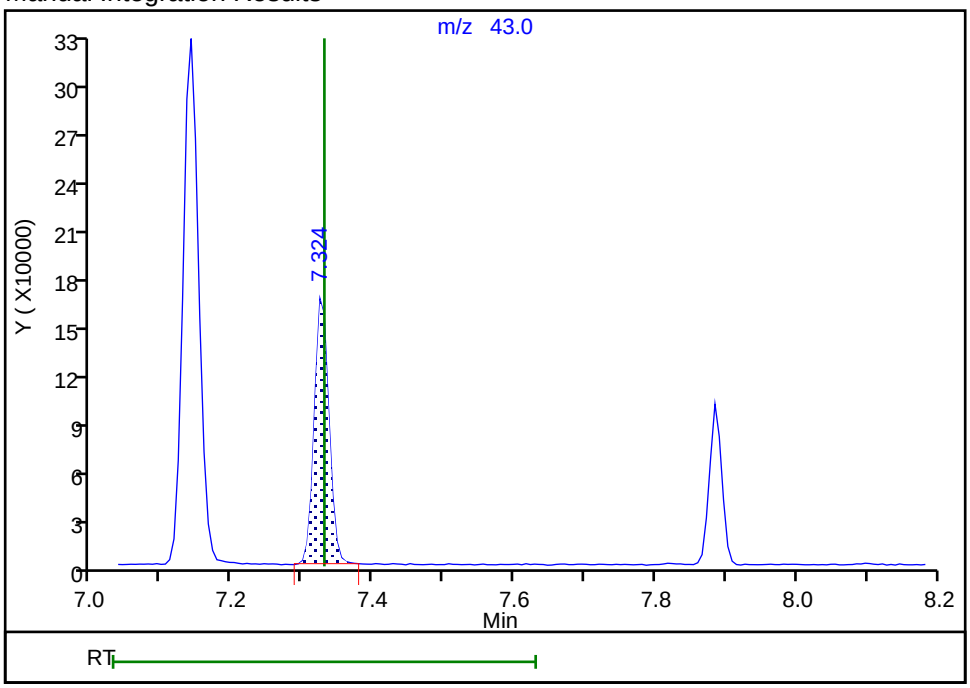
Processing Integration Results

RT: 7.88
Area: 123358
Amount: 47.625688
Amount Units: ug/l




Manual Integration Results

RT: 7.32
Area: 241790
Amount: 46.468419
Amount Units: ug/l




Reviewer: NN6A, 17-Nov-2023 11:38:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

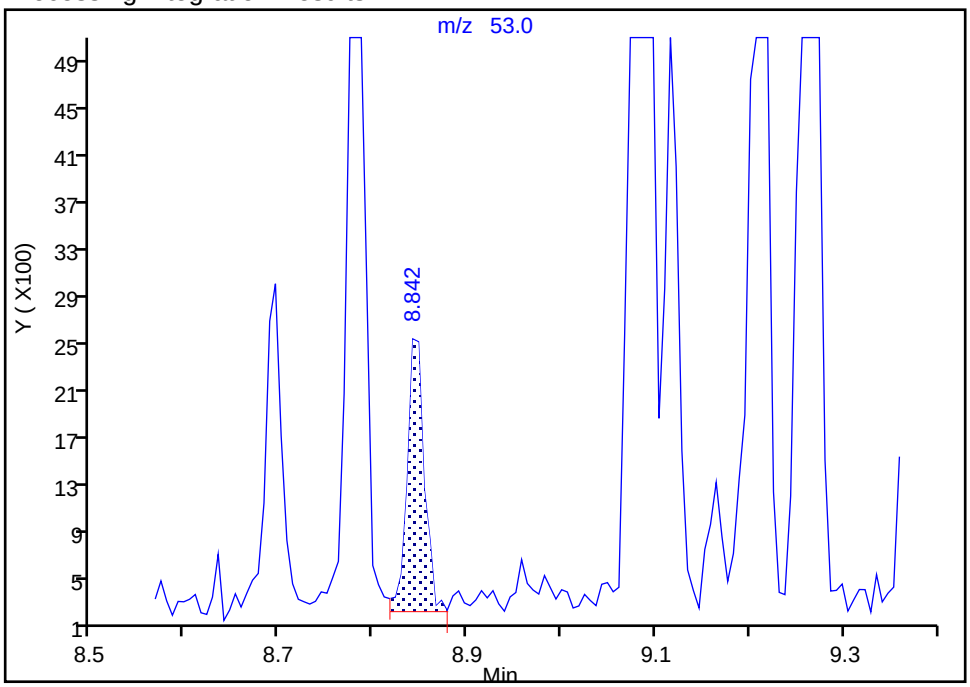
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Injection Date: 16-Nov-2023 21:50:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

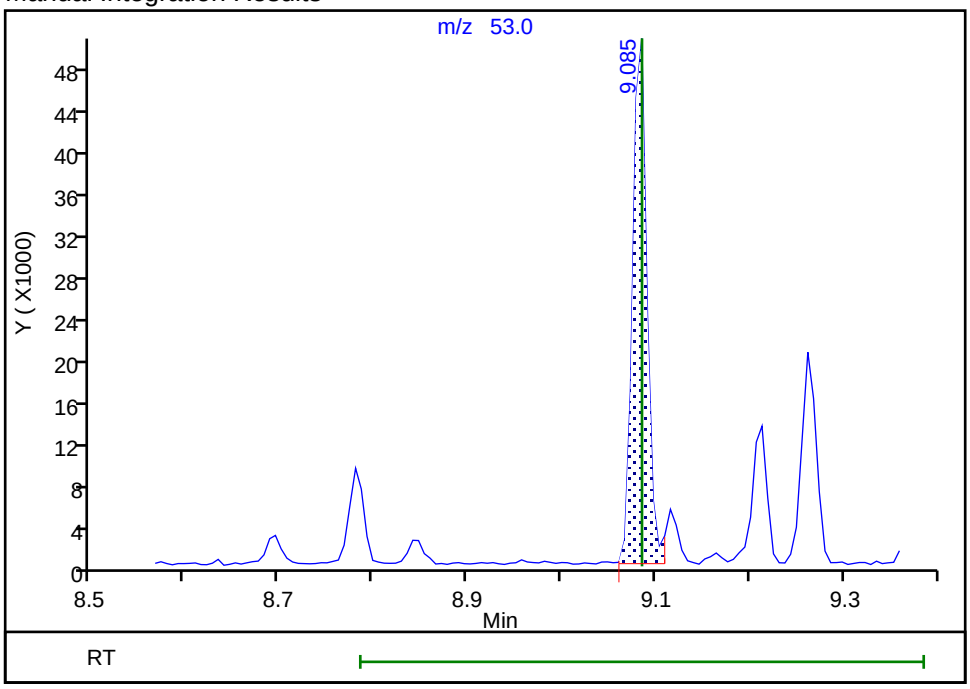
Processing Integration Results

RT: 8.84
Area: 2861
Amount: 4.314607
Amount Units: ug/l




Manual Integration Results

RT: 9.09
Area: 53605
Amount: 47.706875
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:23:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10147.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 16-Nov-2023 22:15:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0169014-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub22

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Nov-2023 11:48:21 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: PUV6 Date: 17-Nov-2023 06:30:35

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.904 | 0.904 | 0.000 | 98 | 947320 | 200.0 | 203.1 | |
| 4 Chlorodifluoromethane | 67 | 0.910 | 0.910 | 0.000 | 97 | 148294 | 200.0 | 201.4 | |
| 5 Chloromethane | 50 | 1.014 | 1.002 | 0.012 | 99 | 1029070 | 200.0 | 208.3 | |
| 6 Butadiene | 54 | 1.087 | 1.075 | 0.012 | 97 | 755833 | 200.0 | 201.1 | |
| 7 Vinyl chloride | 62 | 1.087 | 1.075 | 0.012 | 98 | 904088 | 200.0 | 193.8 | |
| 8 Bromomethane | 94 | 1.276 | 1.264 | 0.012 | 99 | 530313 | 200.0 | 200.3 | |
| 9 Chloroethane | 64 | 1.325 | 1.319 | 0.006 | 100 | 506183 | 200.0 | 200.2 | |
| 10 Dichlorofluoromethane | 67 | 1.465 | 1.453 | 0.012 | 99 | 1184996 | 200.0 | 201.8 | |
| 11 Trichlorofluoromethane | 101 | 1.502 | 1.483 | 0.019 | 99 | 844270 | 200.0 | 220.5 | |
| 12 Pentane | 43 | 1.532 | 1.526 | 0.006 | 96 | 2664298 | 400.0 | 441.5 | |
| 13 Ethyl ether | 59 | 1.672 | 1.666 | 0.006 | 94 | 535458 | 200.0 | 177.7 | |
| 14 Ethanol | 46 | 1.672 | 1.666 | 0.006 | 84 | 155543 | 8000.0 | 7518.6 | |
| 15 2-Methyl-1,3-butadiene | 53 | 1.678 | 1.679 | -0.001 | 95 | 729911 | 200.0 | 220.9 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.703 | 1.703 | 0.000 | 98 | 559467 | 200.0 | 209.3 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.745 | 1.733 | 0.012 | 94 | 1018836 | 200.0 | 221.0 | a |
| 18 Acrolein | 56 | 1.752 | 1.752 | 0.000 | 91 | 245610 | 500.0 | 504.0 | |
| 19 1,1-Dichloroethene | 96 | 1.819 | 1.813 | 0.006 | 95 | 582986 | 200.0 | 214.1 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.843 | 1.837 | 0.006 | 95 | 635466 | 200.0 | 205.1 | |
| 21 Acetone | 43 | 1.867 | 1.861 | 0.006 | 86 | 1103657 | 1000.0 | 1054.4 | |
| 22 Iodomethane | 142 | 1.916 | 1.910 | 0.006 | 99 | 1040643 | 200.0 | 200.7 | |
| 23 Carbon disulfide | 76 | 1.959 | 1.953 | 0.006 | 100 | 2195491 | 200.0 | 219.0 | |
| 24 Isopropyl alcohol | 45 | 1.995 | 1.989 | 0.006 | 96 | 477363 | 2000.0 | 2074.5 | |
| 25 3-Chloro-1-propene | 39 | 2.069 | 2.063 | 0.006 | 91 | 1015981 | 200.0 | 199.7 | a |
| 26 Methyl acetate | 43 | 2.093 | 2.099 | -0.006 | 100 | 859781 | 400.0 | 368.9 | |
| 27 Acetonitrile | 39 | 2.123 | 2.124 | -0.001 | 68 | 480076 | 2000.0 | 2384.7 | a |
| 28 Methylene Chloride | 84 | 2.160 | 2.154 | 0.006 | 96 | 694126 | 200.0 | 196.4 | |
| * 29 TBA-d9 (IS) | 65 | 2.233 | 2.227 | 0.006 | 0 | 358853 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.294 | 2.294 | 0.000 | 97 | 776887 | 2000.0 | 1913.2 | a |
| 31 Acrylonitrile | 53 | 2.343 | 2.343 | 0.000 | 94 | 1998212 | 2000.0 | 1961.7 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.361 | 2.361 | 0.000 | 98 | 668293 | 200.0 | 205.0 | |

| 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 | 2.386 | 2.374 | 0.012 | 97 | 1718095 | 200.0 | 191.4 | |
| 34 Hexane | 57 | 2.581 | 2.581 | 0.000 | 93 | 1097238 | 200.0 | 202.7 | |
| 35 1,1-Dichloroethane | 63 | 2.690 | 2.691 | -0.001 | 100 | 1322633 | 200.0 | 193.0 | |
| 36 Vinyl acetate | 86 | 2.745 | 2.745 | 0.000 | 100 | 221820 | 400.0 | 405.3 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.764 | 2.758 | 0.006 | 93 | 648494 | 200.0 | 208.8 | |
| 38 Isopropyl ether | 45 | 2.782 | 2.776 | 0.006 | 92 | 2509083 | 200.0 | 203.8 | |
| 39 Tert-butyl ethyl ether | 87 | 3.087 | 3.081 | 0.006 | 88 | 719408 | 200.0 | 186.5 | |
| * 40 2-Butanone-d5 | 46 | 3.154 | 3.154 | 0.000 | 0 | 346512 | 250.0 | 250.0 | a |
| 41 cis-1,2-Dichloroethene | 96 | 3.178 | 3.178 | 0.000 | 93 | 726170 | 200.0 | 200.8 | |
| 42 2,2-Dichloropropane | 79 | 3.190 | 3.184 | 0.006 | 94 | 330736 | 200.0 | 191.5 | |
| 43 2-Butanone (MEK) | 72 | 3.209 | 3.215 | -0.006 | 100 | 347320 | 1000.0 | 937.4 | |
| 44 Propionitrile | 54 | 3.257 | 3.258 | -0.001 | 98 | 783307 | 2000.0 | 1973.1 | |
| 45 Ethyl acetate | 43 | 3.282 | 3.276 | 0.006 | 99 | 1271045 | 400.0 | 390.8 | |
| 62 Methyl acrylate | 55 | 3.300 | 3.300 | 0.000 | 98 | 654903 | 200.0 | 194.3 | |
| 46 Chlorobromomethane | 128 | 3.385 | 3.386 | -0.001 | 97 | 310750 | 200.0 | 191.5 | |
| 47 Methacrylonitrile | 67 | 3.391 | 3.386 | 0.005 | 94 | 2336044 | 2000.0 | 1926.2 | |
| 48 Tetrahydrofuran | 42 | 3.440 | 3.453 | -0.013 | 85 | 390127 | 400.0 | 387.1 | |
| 49 Chloroform | 83 | 3.477 | 3.477 | 0.000 | 98 | 1226996 | 200.0 | 201.2 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.623 | 3.623 | 0.000 | 96 | 209253 | 50.0 | 52.0 | |
| 51 1,1,1-Trichloroethane | 97 | 3.641 | 3.635 | 0.006 | 98 | 1045777 | 200.0 | 193.2 | |
| 52 Cyclohexane | 84 | 3.690 | 3.690 | 0.000 | 95 | 1045157 | 200.0 | 208.0 | |
| 54 1,1-Dichloropropene | 75 | 3.788 | 3.788 | 0.000 | 94 | 987296 | 200.0 | 202.3 | |
| 53 Carbon tetrachloride | 117 | 3.794 | 3.794 | 0.000 | 97 | 902159 | 200.0 | 198.4 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.934 | 3.934 | 0.000 | 0 | 246743 | 50.0 | 52.0 | |
| 56 Benzene | 78 | 3.989 | 3.989 | 0.000 | 97 | 2761269 | 200.0 | 203.2 | |
| 58 Isobutyl alcohol | 42 | 3.995 | 4.001 | -0.006 | 90 | 505121 | 5000.0 | 4870.5 | |
| 57 1,2-Dichloroethane | 62 | 4.013 | 4.013 | 0.000 | 97 | 895179 | 200.0 | 187.9 | |
| 73 Isopropyl acetate | 61 | 4.141 | 4.141 | 0.000 | 92 | 231678 | 200.0 | 189.8 | |
| 59 Tert-amyl methyl ether | 73 | 4.147 | 4.148 | -0.001 | 90 | 1746767 | 200.0 | 185.9 | |
| * 60 Fluorobenzene | 96 | 4.288 | 4.282 | 0.006 | 98 | 696852 | 50.0 | 50.0 | a |
| 61 n-Heptane | 43 | 4.318 | 4.312 | 0.006 | 95 | 1201567 | 200.0 | 197.8 | |
| 63 Trichloroethene | 95 | 4.678 | 4.678 | 0.000 | 96 | 696445 | 200.0 | 199.5 | |
| 64 n-Butanol | 43 | 4.702 | 4.715 | -0.013 | 92 | 281900 | 5000.0 | 5263.8 | |
| 66 Ethyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 97 | 1820786 | 200.0 | 203.9 | |
| 65 Methylcyclohexane | 83 | 4.891 | 4.885 | 0.006 | 95 | 1246381 | 200.0 | 206.0 | |
| 67 1,2-Dichloropropane | 63 | 4.922 | 4.922 | 0.000 | 93 | 746748 | 200.0 | 196.4 | |
| 68 Dibromomethane | 93 | 5.050 | 5.044 | 0.006 | 95 | 372014 | 200.0 | 182.8 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.056 | 5.056 | 0.000 | 0 | 33724 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.111 | 5.117 | -0.006 | 97 | 124007 | 4000.0 | 3556.6 | |
| 71 Methyl methacrylate | 100 | 5.123 | 5.123 | 0.000 | 92 | 298386 | 400.0 | 366.9 | |
| 81 n-Propyl acetate | 43 | 5.220 | 5.221 | -0.001 | 99 | 901340 | 200.0 | 188.8 | |
| 72 Dichlorobromomethane | 83 | 5.257 | 5.257 | 0.000 | 99 | 904690 | 200.0 | 201.5 | |
| 74 2-Nitropropane | 41 | 5.543 | 5.544 | -0.001 | 98 | 328542 | 400.0 | 369.9 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.672 | 5.672 | 0.000 | 95 | 179995 | 200.5 | 178.7 | |
| 76 Epichlorohydrin | 57 | 5.714 | 5.714 | 0.000 | 100 | 1116852 | 4000.0 | 3912.7 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.812 | 5.812 | 0.000 | 96 | 1134533 | 200.0 | 200.9 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.056 | 6.056 | 0.000 | 98 | 3094060 | 1000.0 | 991.5 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.141 | 6.141 | 0.000 | 99 | 903897 | 50.0 | 52.7 | |
| 80 Toluene | 91 | 6.226 | 6.220 | 0.006 | 93 | 2892089 | 200.0 | 197.6 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.555 | 6.556 | -0.001 | 98 | 990635 | 200.0 | 198.9 | |
| 84 Ethyl methacrylate | 69 | 6.751 | 6.751 | 0.000 | 90 | 821271 | 200.0 | 191.0 | |
| 83 1,1,2-Trichloroethane | 83 | 6.781 | 6.781 | 0.000 | 93 | 446625 | 200.0 | 195.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Tetrachloroethene | 166 | 6.927 | 6.928 | -0.001 | 94 | 645104 | 200.0 | 199.0 | |
| 86 1,3-Dichloropropane | 76 | 6.976 | 6.976 | 0.000 | 96 | 932631 | 200.0 | 195.7 | |
| 87 2-Hexanone | 43 | 7.141 | 7.141 | 0.000 | 98 | 2173232 | 1000.0 | 956.0 | |
| 88 Chlorodibromomethane | 129 | 7.226 | 7.226 | 0.000 | 98 | 591409 | 200.0 | 202.0 | |
| 89 Ethylene Dibromide | 107 | 7.324 | 7.324 | 0.000 | 97 | 511804 | 200.0 | 189.3 | |
| 90 n-Butyl acetate | 43 | 7.324 | 7.330 | -0.006 | 98 | 1011465 | 200.0 | 190.4 | a |
| * 91 Chlorobenzene-d5 | 117 | 7.830 | 7.824 | 0.006 | 87 | 542014 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.854 | 7.854 | 0.000 | 92 | 1771860 | 200.0 | 203.0 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.952 | 7.952 | 0.000 | 94 | 642358 | 200.0 | 205.6 | |
| 94 Ethylbenzene | 106 | 7.988 | 7.988 | 0.000 | 99 | 986809 | 200.0 | 199.4 | |
| 95 m-Xylene & p-Xylene | 106 | 8.104 | 8.104 | 0.000 | 0 | 1221716 | 200.0 | 200.8 | |
| 96 o-Xylene | 106 | 8.458 | 8.452 | 0.006 | 93 | 1210228 | 200.0 | 203.5 | |
| 97 Styrene | 104 | 8.470 | 8.470 | 0.000 | 93 | 2057861 | 200.0 | 205.4 | |
| 98 n-Butyl acrylate | 73 | 8.488 | 8.488 | 0.000 | 96 | 519816 | 200.0 | 206.9 | |
| 99 Bromoform | 173 | 8.604 | 8.604 | 0.000 | 95 | 387010 | 200.0 | 202.1 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.695 | 8.695 | 0.000 | 89 | 1229182 | 200.0 | 182.6 | |
| 102 Isopropylbenzene | 105 | 8.781 | 8.781 | 0.000 | 97 | 3124314 | 200.0 | 204.2 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.896 | 8.891 | 0.005 | 90 | 251020 | 50.0 | 50.7 | |
| 104 Bromobenzene | 156 | 9.000 | 8.994 | 0.006 | 97 | 728985 | 200.0 | 194.0 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.037 | 9.037 | 0.000 | 98 | 709193 | 200.0 | 189.7 | |
| 105 1,2,3-Trichloropropane | 110 | 9.055 | 9.055 | 0.000 | 97 | 181786 | 200.0 | 178.8 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.085 | 9.086 | -0.001 | 91 | 231898 | 200.0 | 191.9 | a |
| 108 N-Propylbenzene | 120 | 9.122 | 9.116 | 0.006 | 98 | 852931 | 200.0 | 191.1 | |
| 109 2-Chlorotoluene | 126 | 9.165 | 9.165 | 0.000 | 97 | 742430 | 200.0 | 192.9 | |
| 110 4-Ethyltoluene | 105 | 9.213 | 9.214 | -0.001 | 99 | 3234304 | 200.0 | 199.1 | |
| 111 4-Chlorotoluene | 91 | 9.256 | 9.256 | 0.000 | 99 | 2787243 | 200.0 | 198.7 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.268 | 9.262 | 0.006 | 91 | 2772237 | 200.0 | 198.8 | |
| 100 Butyl Methacrylate | 87 | 9.372 | 9.372 | 0.000 | 95 | 923865 | 200.0 | 199.9 | |
| 113 tert-Butylbenzene | 119 | 9.512 | 9.512 | 0.000 | 92 | 2258034 | 200.0 | 197.2 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.549 | 9.549 | 0.000 | 98 | 2832690 | 200.0 | 195.6 | |
| 115 sec-Butylbenzene | 105 | 9.677 | 9.677 | 0.000 | 99 | 3498459 | 200.0 | 197.8 | |
| 116 1,3-Dichlorobenzene | 146 | 9.738 | 9.738 | 0.000 | 96 | 1437100 | 200.0 | 195.2 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.787 | 9.787 | 0.000 | 97 | 307324 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.793 | 9.793 | 0.000 | 97 | 2978146 | 200.0 | 195.0 | |
| 118 1,4-Dichlorobenzene | 146 | 9.805 | 9.805 | 0.000 | 92 | 1453668 | 200.0 | 193.8 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.854 | 9.854 | 0.000 | 100 | 2980570 | 200.0 | 203.7 | |
| 121 Benzyl chloride | 126 | 9.915 | 9.909 | 0.006 | 98 | 284752 | 200.0 | 189.8 | |
| 122 2,3-Dihydroindene | 117 | 9.988 | 9.988 | 0.000 | 94 | 2601628 | 200.0 | 202.5 | |
| 124 p-Diethylbenzene | 119 | 10.073 | 10.067 | 0.006 | 91 | 1875099 | 200.0 | 202.3 | |
| 123 1,2-Dichlorobenzene | 146 | 10.073 | 10.073 | 0.000 | 86 | 1354922 | 200.0 | 195.3 | |
| 125 n-Butylbenzene | 92 | 10.085 | 10.085 | 0.000 | 98 | 1697116 | 200.0 | 198.0 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.616 | 10.610 | 0.006 | 97 | 2848696 | 200.0 | 199.2 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.622 | 10.622 | 0.000 | 96 | 140949 | 200.0 | 183.2 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.768 | 10.768 | 0.000 | 96 | 1151993 | 200.0 | 193.0 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.189 | 11.183 | 0.006 | 94 | 1004751 | 200.0 | 179.1 | |
| 130 Hexachlorobutadiene | 225 | 11.311 | 11.311 | 0.000 | 93 | 543014 | 200.0 | 190.5 | |
| 131 Naphthalene | 128 | 11.347 | 11.347 | 0.000 | 99 | 2178523 | 200.0 | 184.1 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.524 | 11.524 | 0.000 | 95 | 924092 | 200.0 | 184.4 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 405.8 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 400.0 | 399.8 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 400.0 | 404.3 | |
| S 136 Total BTEX | 1 | | | | 0 | | 1000.0 | 1004.6 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00455 | Amount Added: | 2.00 | Units: uL | |
| Ethanol mix_00083 | Amount Added: | 2.00 | Units: uL | |
| MIX I Hi_00170 | Amount Added: | 2.00 | Units: uL | |
| MIX 2 Hi_00142 | Amount Added: | 2.00 | Units: uL | |
| 7 Freons Hi_00008 | Amount Added: | 2.00 | Units: uL | |
| EthyhexAcr_Hi_00004 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 5.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Nov-2023 11:48:22 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10147.D

Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2 Operator ID:

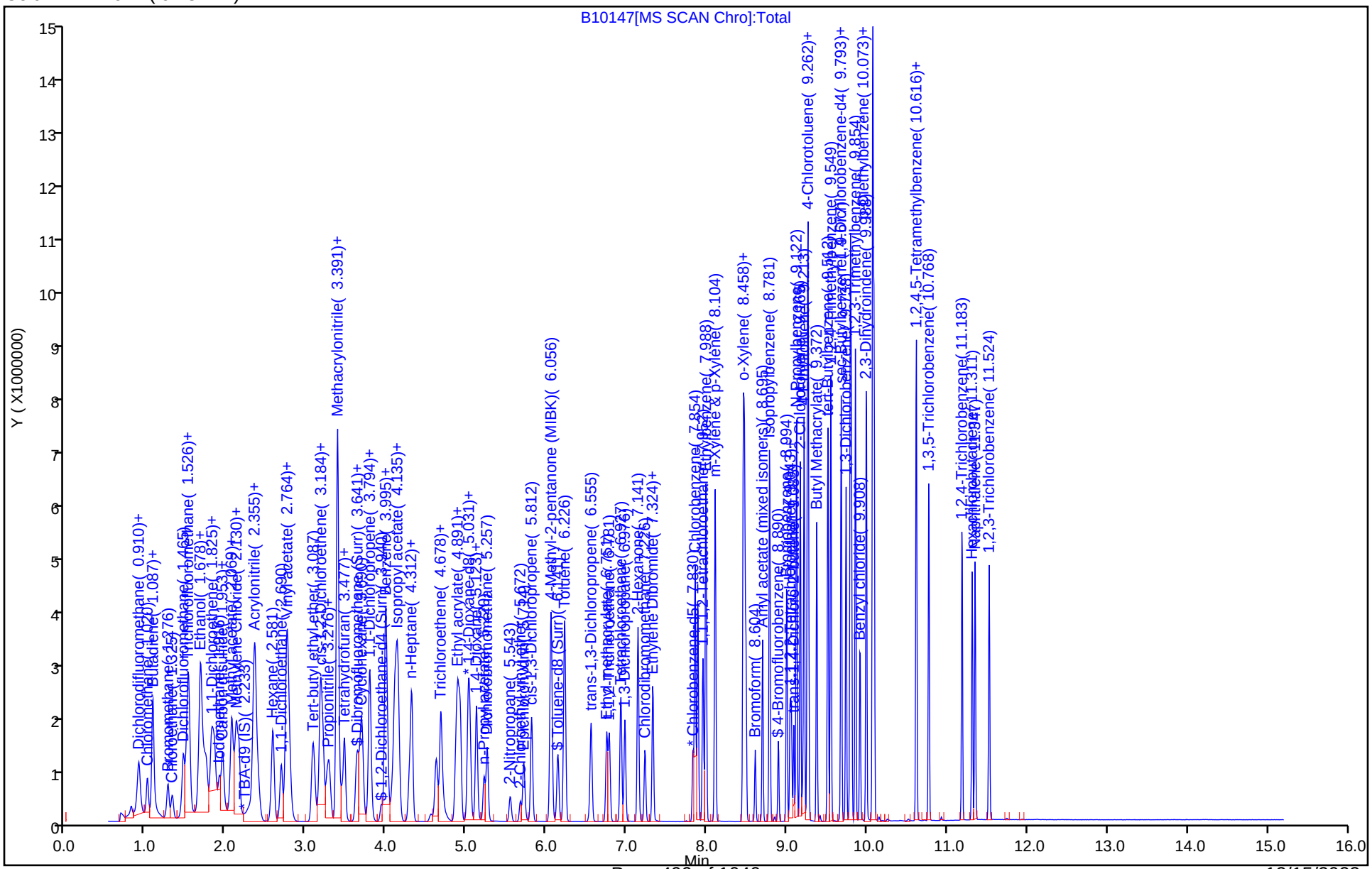
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

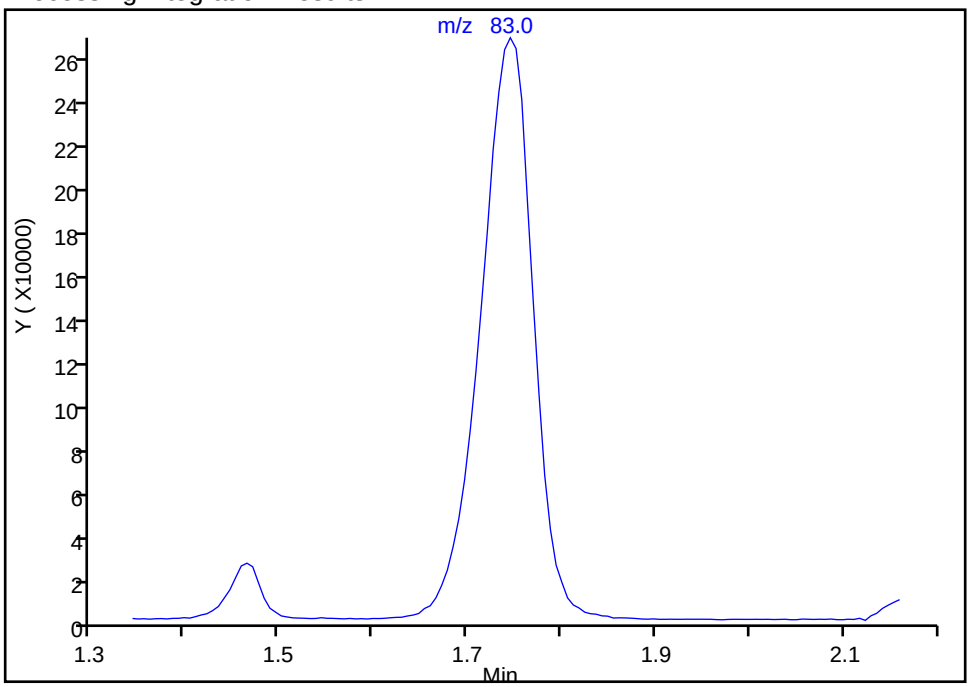
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Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

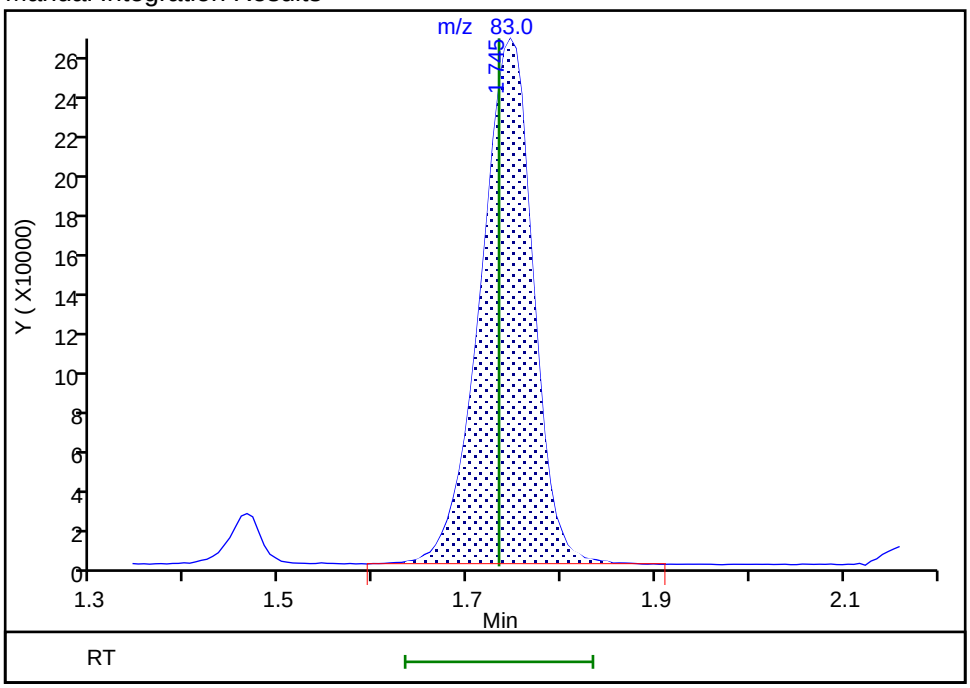
Not Detected
Expected RT: 1.73

Processing Integration Results




Manual Integration Results

RT: 1.75
Area: 1018836
Amount: 221.0279
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:54:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

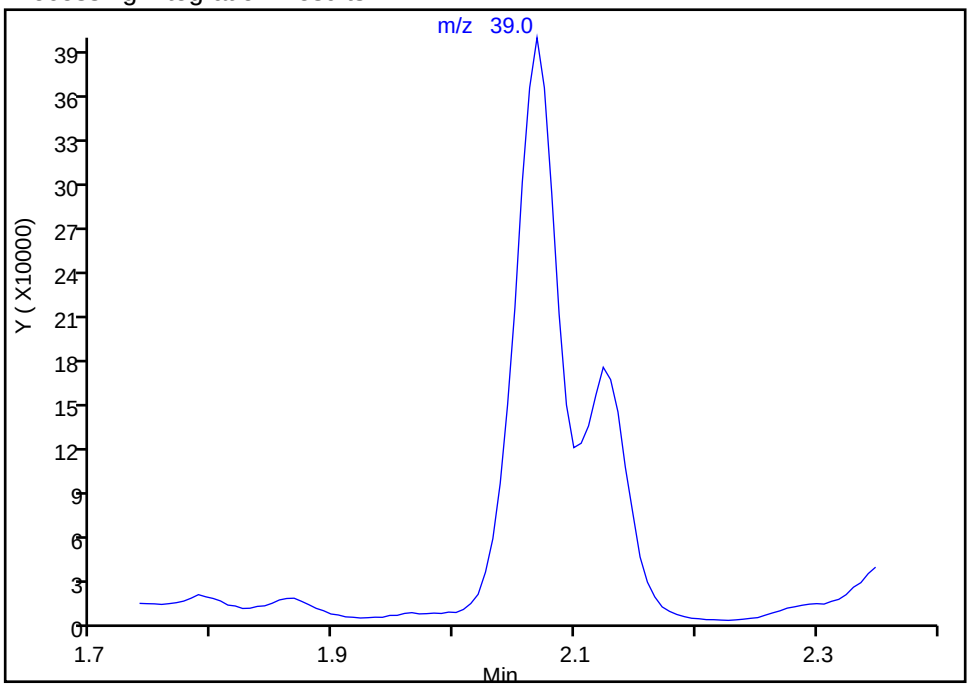
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Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

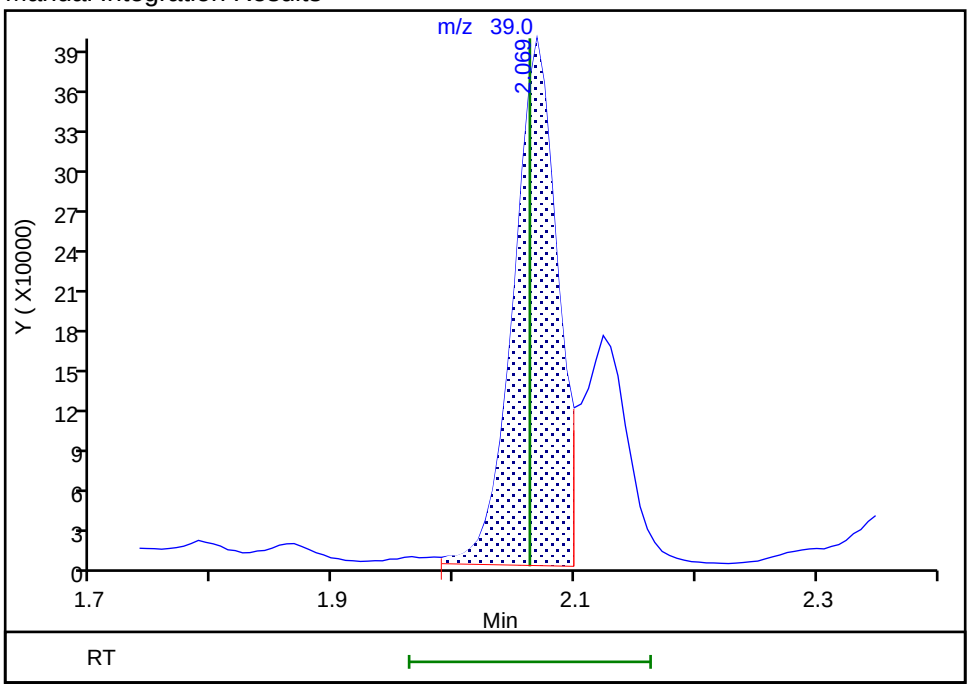
Not Detected
Expected RT: 2.06

Processing Integration Results




Manual Integration Results

RT: 2.07
Area: 1015981
Amount: 199.6554
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:55:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

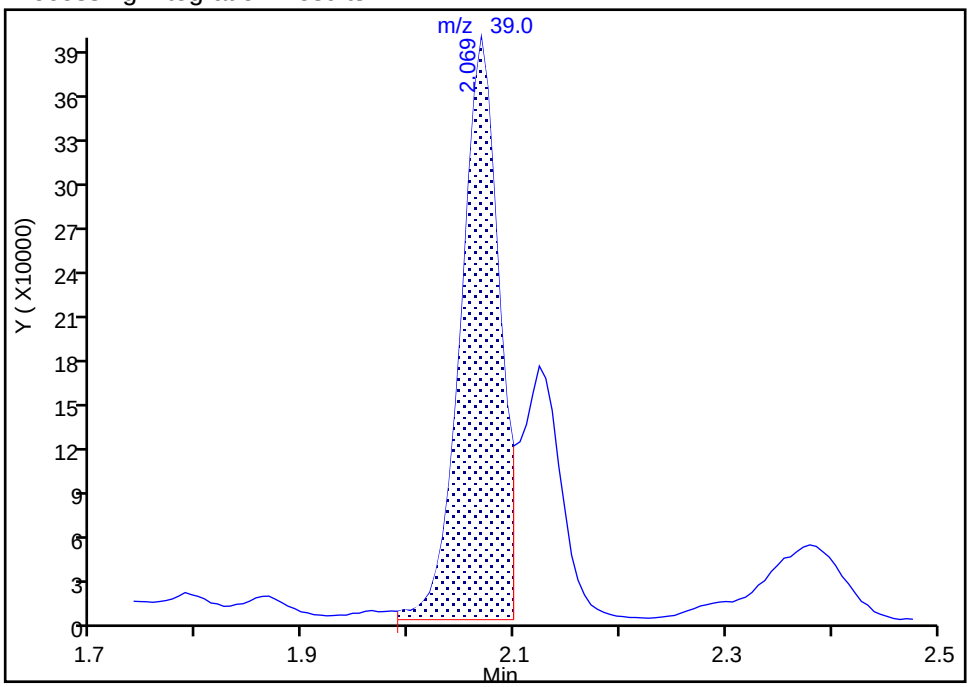
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Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

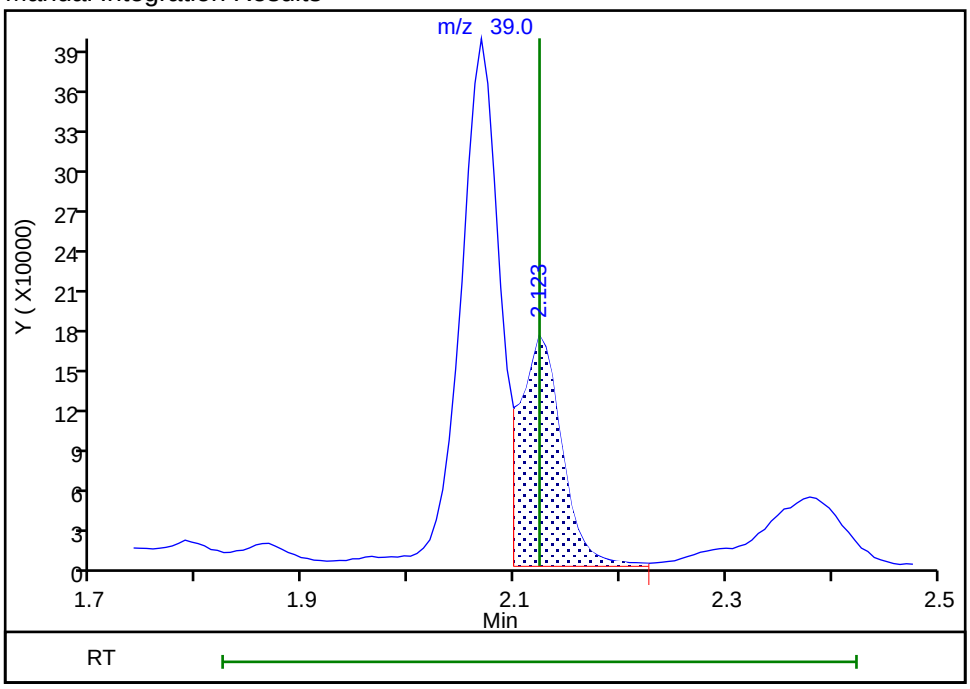
Processing Integration Results

RT: 2.07
Area: 1018295
Amount: 2102.0507
Amount Units: ug/l




Manual Integration Results

RT: 2.12
Area: 480076
Amount: 2384.7048
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:21:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

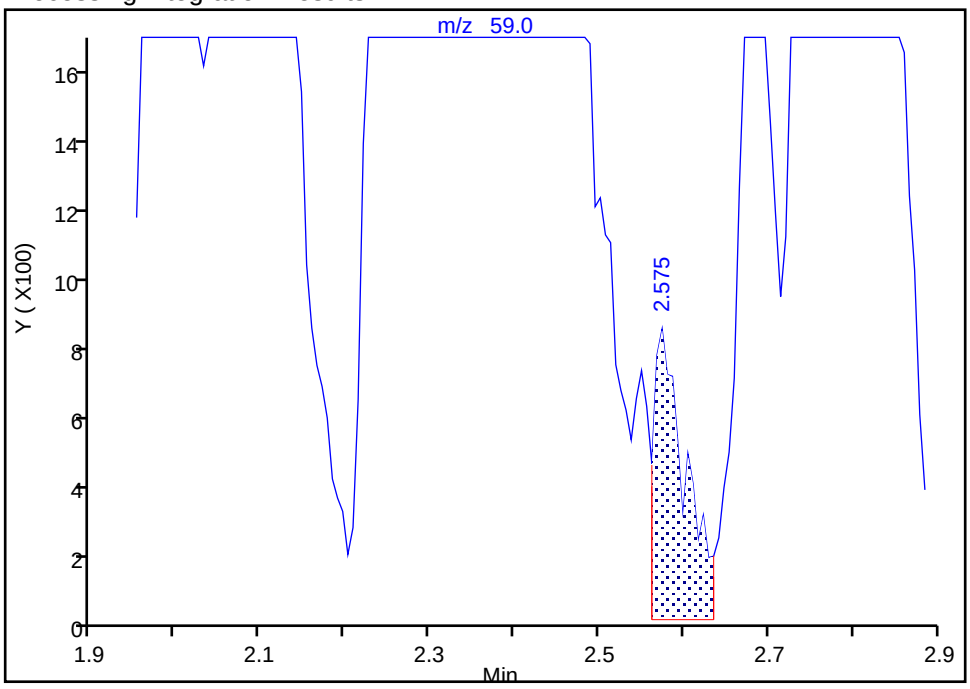
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Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

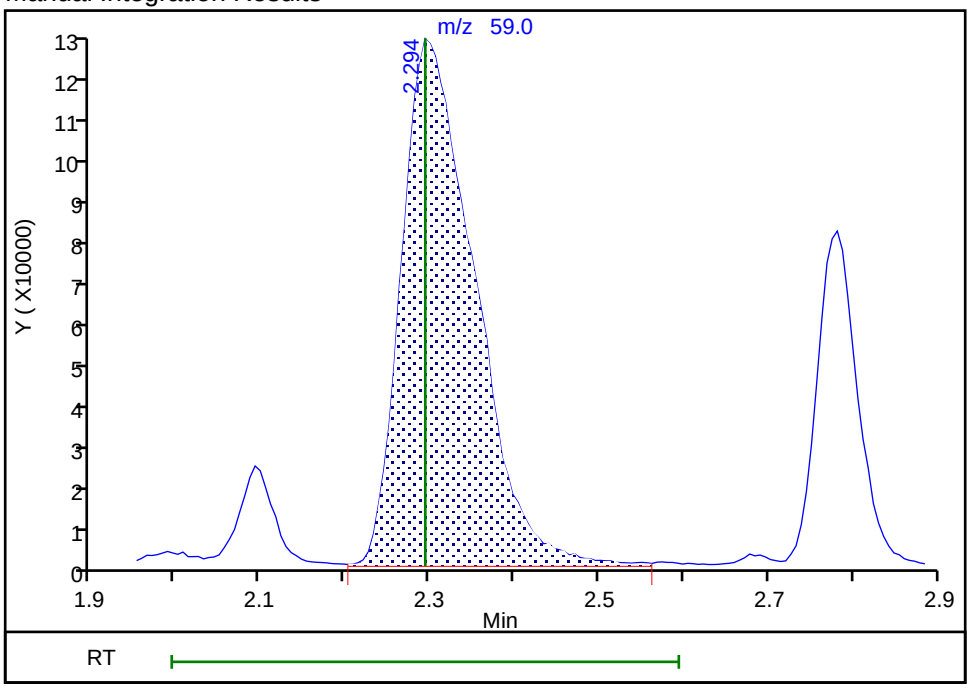
Processing Integration Results

RT: 2.57
Area: 2176
Amount: 7.980982
Amount Units: ug/l




Manual Integration Results

RT: 2.29
Area: 776887
Amount: 1913.2422
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:21:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

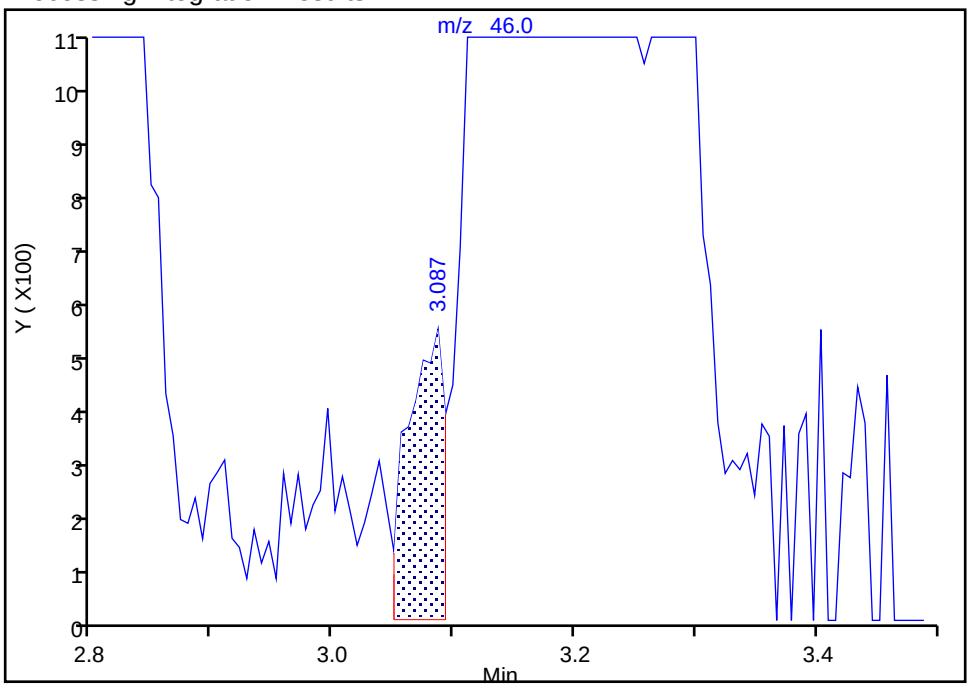
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Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

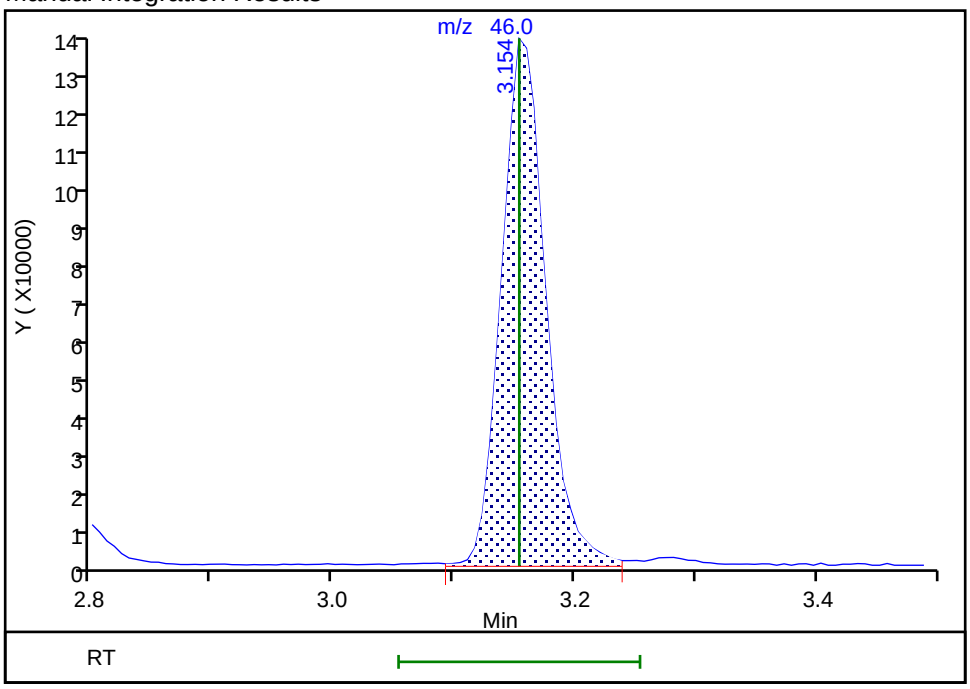
Processing Integration Results

RT: 3.09
Area: 1149
Amount: 250.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.15
Area: 346512
Amount: 250.0000
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 07:31:27 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

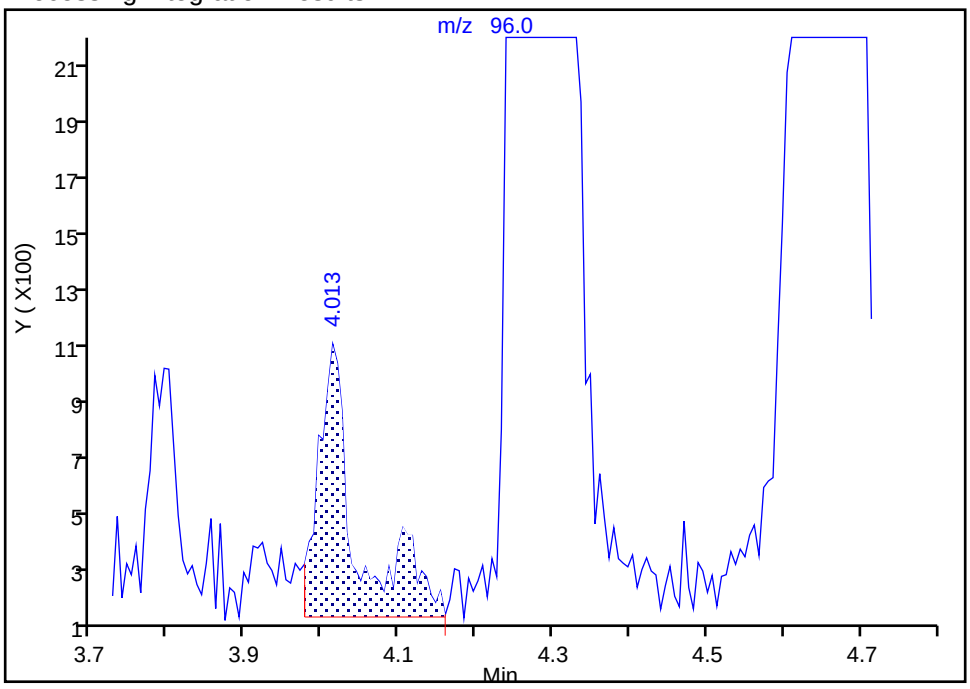
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Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

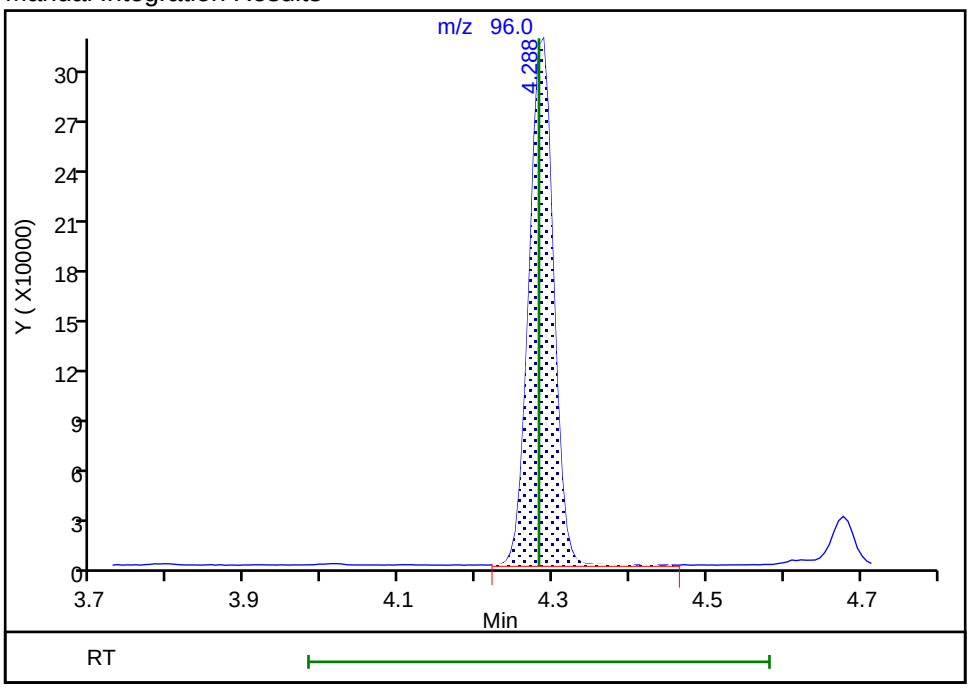
Processing Integration Results

RT: 4.01
Area: 3290
Amount: 50.000000
Amount Units: ug/l




Manual Integration Results

RT: 4.29
Area: 696852
Amount: 50.000000
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 06:30:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

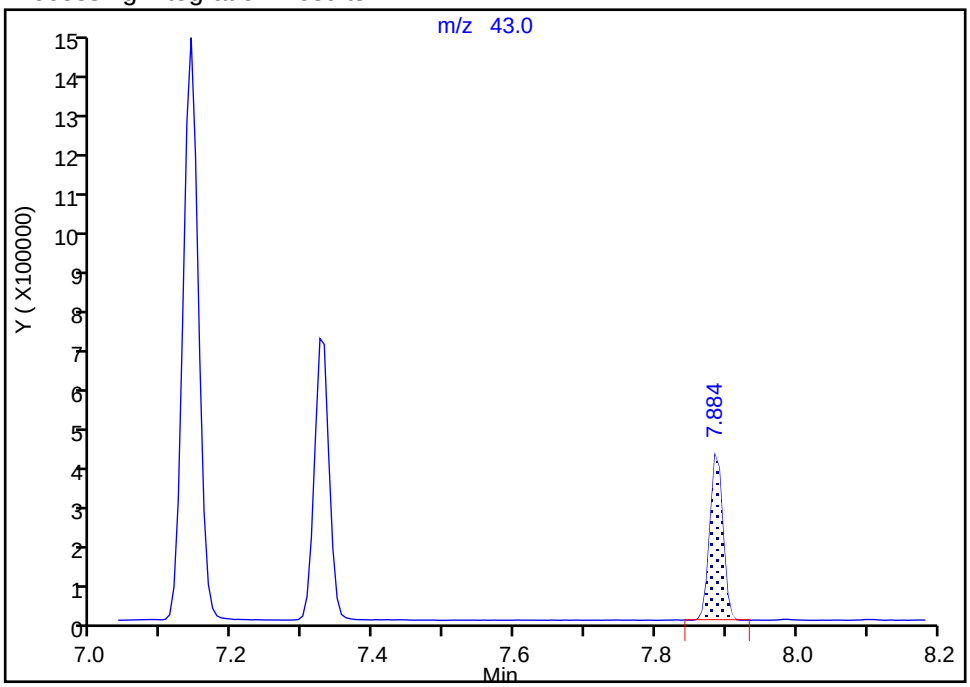
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Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

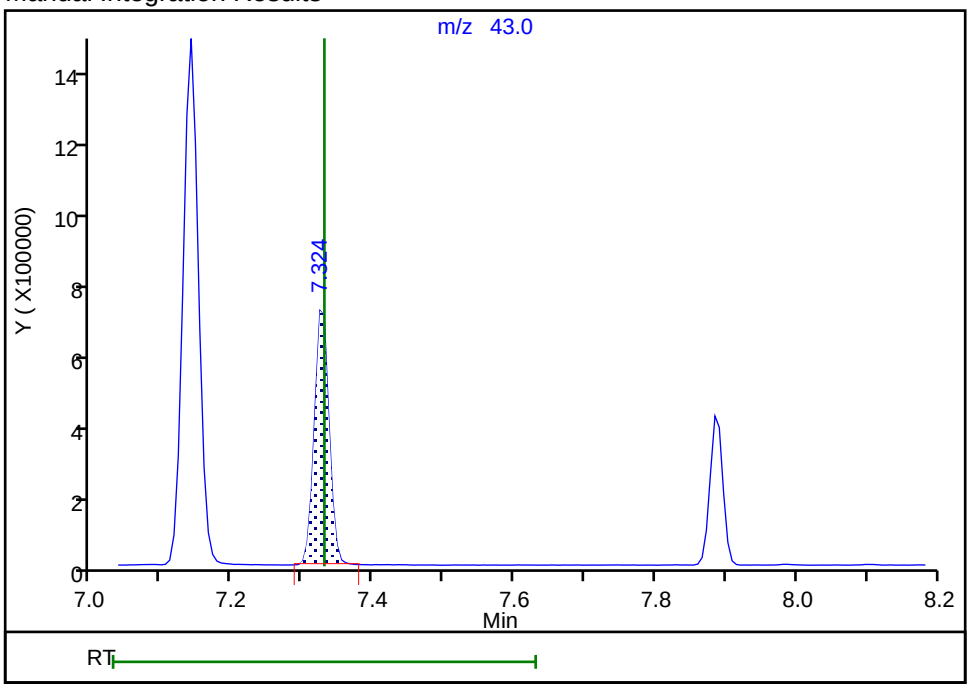
Processing Integration Results

RT: 7.88
Area: 521651
Amount: 118.2516
Amount Units: ug/l




Manual Integration Results

RT: 7.32
Area: 1011465
Amount: 190.4394
Amount Units: ug/l




Reviewer: NN6A, 17-Nov-2023 11:42:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

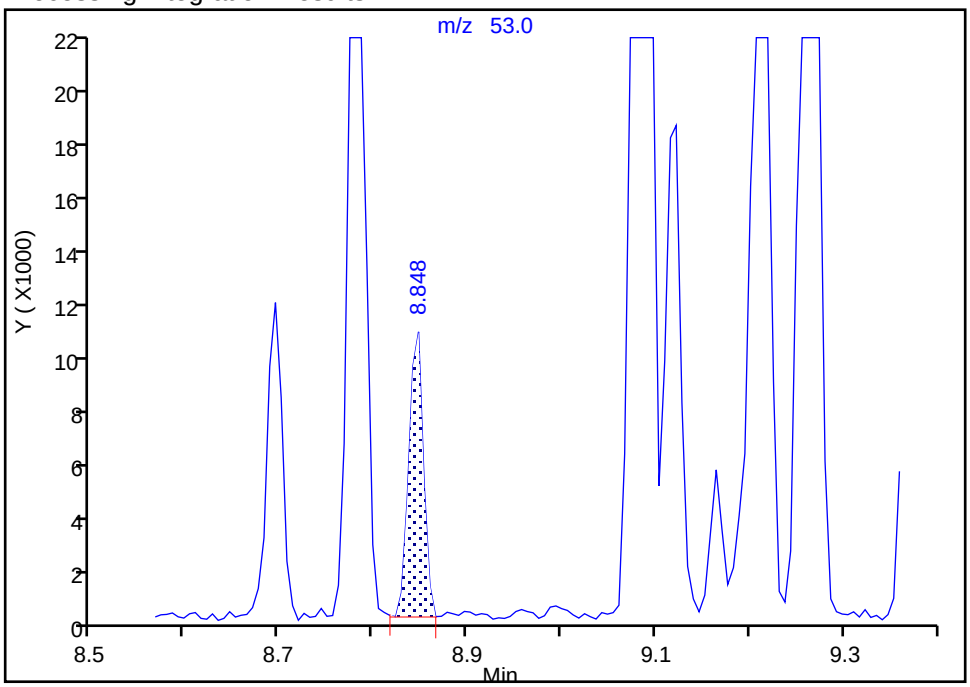
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10147.D
Injection Date: 16-Nov-2023 22:15:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

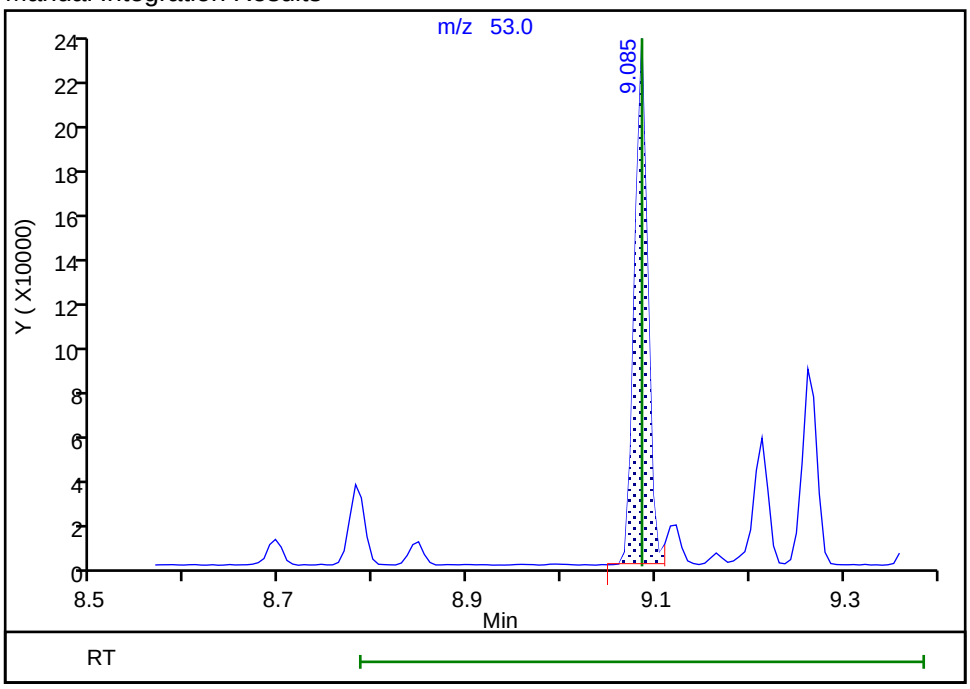
Processing Integration Results

RT: 8.85
Area: 11168
Amount: 21.100738
Amount Units: ug/l




Manual Integration Results

RT: 9.09
Area: 231898
Amount: 191.8804
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:22:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 16-Nov-2023 22:39:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0169014-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub22

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Nov-2023 11:48:27 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: W9CM Date: 17-Nov-2023 07:36:57

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.910 | 0.904 | 0.006 | 98 | 2570584 | 500.0 | 499.6 | |
| 4 Chlorodifluoromethane | 67 | 0.917 | 0.910 | 0.007 | 97 | 345070 | 500.0 | 499.8 | |
| 5 Chloromethane | 50 | 1.020 | 1.002 | 0.018 | 99 | 2798096 | 500.0 | 562.5 | |
| 6 Butadiene | 54 | 1.087 | 1.075 | 0.012 | 96 | 2187656 | 500.0 | 578.3 | |
| 7 Vinyl chloride | 62 | 1.087 | 1.075 | 0.012 | 98 | 2467406 | 500.0 | 525.4 | |
| 8 Bromomethane | 94 | 1.282 | 1.264 | 0.018 | 99 | 1296045 | 500.0 | 486.2 | |
| 9 Chloroethane | 64 | 1.331 | 1.319 | 0.012 | 99 | 1320463 | 500.0 | 518.7 | |
| 10 Dichlorofluoromethane | 67 | 1.471 | 1.453 | 0.018 | 99 | 3459942 | 500.0 | 499.8 | |
| 11 Trichlorofluoromethane | 101 | 1.508 | 1.483 | 0.025 | 98 | 2453722 | 500.0 | 636.5 | |
| 12 Pentane | 43 | 1.532 | 1.526 | 0.006 | 96 | 6773257 | 1000.0 | 1115.0 | |
| 13 Ethyl ether | 59 | 1.679 | 1.666 | 0.013 | 92 | 1490443 | 500.0 | 491.5 | |
| 14 Ethanol | 46 | 1.685 | 1.666 | 0.019 | 91 | 466096 | 20000 | 20461 | |
| 15 2-Methyl-1,3-butadiene | 53 | 1.685 | 1.679 | 0.006 | 93 | 1806546 | 500.0 | 543.1 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.709 | 1.703 | 0.006 | 96 | 1334983 | 500.0 | 496.2 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.752 | 1.733 | 0.019 | 95 | 2469843 | 500.0 | 532.3 | a |
| 18 Acrolein | 56 | 1.758 | 1.752 | 0.006 | 73 | 356444 | 600.0 | 664.3 | a |
| 19 1,1-Dichloroethene | 96 | 1.825 | 1.813 | 0.012 | 95 | 1558363 | 500.0 | 568.5 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.849 | 1.837 | 0.012 | 95 | 1699132 | 500.0 | 544.7 | |
| 21 Acetone | 43 | 1.868 | 1.861 | 0.007 | 85 | 3665998 | 2500.0 | 3076.3 | |
| 22 Iodomethane | 142 | 1.922 | 1.910 | 0.012 | 99 | 2754439 | 500.0 | 527.7 | |
| 23 Carbon disulfide | 76 | 1.959 | 1.953 | 0.006 | 100 | 5966807 | 500.0 | 591.3 | |
| 24 Isopropyl alcohol | 45 | 2.002 | 1.989 | 0.013 | 96 | 1467336 | 5000.0 | 5791.3 | |
| 25 3-Chloro-1-propene | 39 | 2.075 | 2.063 | 0.012 | 91 | 2761457 | 500.0 | 539.1 | a |
| 26 Methyl acetate | 43 | 2.099 | 2.099 | 0.000 | 100 | 2640246 | 1000.0 | 1125.2 | |
| 27 Acetonitrile | 39 | 2.130 | 2.124 | 0.006 | 67 | 1238627 | 5000.0 | 5587.8 | a |
| 28 Methylene Chloride | 84 | 2.166 | 2.154 | 0.012 | 97 | 1856131 | 500.0 | 521.7 | |
| * 29 TBA-d9 (IS) | 65 | 2.246 | 2.227 | 0.019 | 0 | 395134 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.307 | 2.294 | 0.013 | 99 | 2344148 | 5000.0 | 5242.9 | a |
| 31 Acrylonitrile | 53 | 2.349 | 2.343 | 0.006 | 94 | 5885760 | 5000.0 | 5247.5 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.367 | 2.361 | 0.006 | 99 | 1765819 | 500.0 | 538.1 | |

| 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 | 2.386 | 2.374 | 0.012 | 97 | 4750987 | 500.0 | 525.7 | |
| 34 Hexane | 57 | 2.587 | 2.581 | 0.006 | 93 | 3046464 | 500.0 | 559.1 | |
| 35 1,1-Dichloroethane | 63 | 2.691 | 2.691 | 0.000 | 99 | 3541713 | 500.0 | 513.5 | |
| 36 Vinyl acetate | 86 | 2.752 | 2.745 | 0.007 | 100 | 565110 | 1000.0 | 906.9 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.770 | 2.758 | 0.012 | 93 | 1629602 | 500.0 | 521.3 | |
| 38 Isopropyl ether | 45 | 2.782 | 2.776 | 0.006 | 88 | 6501217 | 500.0 | 524.6 | |
| 39 Tert-butyl ethyl ether | 87 | 3.087 | 3.081 | 0.006 | 88 | 1798831 | 500.0 | 463.2 | |
| * 40 2-Butanone-d5 | 46 | 3.160 | 3.154 | 0.006 | 0 | 394501 | 250.0 | 250.0 | a |
| 41 cis-1,2-Dichloroethene | 96 | 3.184 | 3.178 | 0.006 | 93 | 1939938 | 500.0 | 532.8 | |
| 42 2,2-Dichloropropane | 79 | 3.197 | 3.184 | 0.013 | 90 | 873555 | 500.0 | 502.5 | |
| 43 2-Butanone (MEK) | 72 | 3.215 | 3.215 | 0.000 | 100 | 1064093 | 2500.0 | 2522.6 | |
| 44 Propionitrile | 54 | 3.264 | 3.258 | 0.006 | 98 | 2229487 | 5000.0 | 4932.8 | |
| 45 Ethyl acetate | 43 | 3.282 | 3.276 | 0.006 | 99 | 3473992 | 1000.0 | 938.3 | |
| 62 Methyl acrylate | 55 | 3.306 | 3.300 | 0.006 | 98 | 1825771 | 500.0 | 538.0 | a |
| 46 Chlorobromomethane | 128 | 3.398 | 3.386 | 0.012 | 97 | 841455 | 500.0 | 515.1 | |
| 47 Methacrylonitrile | 67 | 3.398 | 3.386 | 0.012 | 94 | 6545198 | 5000.0 | 5361.2 | |
| 48 Tetrahydrofuran | 42 | 3.447 | 3.453 | -0.006 | 96 | 1137017 | 1000.0 | 991.0 | |
| 49 Chloroform | 83 | 3.483 | 3.477 | 0.006 | 98 | 3310976 | 500.0 | 539.2 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.629 | 3.623 | 0.006 | 96 | 202190 | 50.0 | 49.9 | |
| 51 1,1,1-Trichloroethane | 97 | 3.648 | 3.635 | 0.013 | 98 | 2747518 | 500.0 | 504.1 | |
| 52 Cyclohexane | 84 | 3.696 | 3.690 | 0.006 | 95 | 2822457 | 500.0 | 558.1 | |
| 54 1,1-Dichloropropene | 75 | 3.794 | 3.788 | 0.006 | 94 | 2628571 | 500.0 | 535.1 | |
| 53 Carbon tetrachloride | 117 | 3.800 | 3.794 | 0.006 | 98 | 2385326 | 500.0 | 521.2 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.940 | 3.934 | 0.006 | 0 | 240240 | 50.0 | 50.3 | |
| 56 Benzene | 78 | 3.995 | 3.989 | 0.006 | 97 | 7435794 | 500.0 | 537.5 | |
| 58 Isobutyl alcohol | 42 | 4.001 | 4.001 | 0.000 | 94 | 1586834 | 12500 | 13896 | |
| 57 1,2-Dichloroethane | 62 | 4.020 | 4.013 | 0.007 | 98 | 2504790 | 500.0 | 522.2 | |
| 73 Isopropyl acetate | 61 | 4.142 | 4.141 | 0.001 | 96 | 647799 | 500.0 | 527.2 | |
| 59 Tert-amyl methyl ether | 73 | 4.154 | 4.148 | 0.006 | 91 | 4452538 | 500.0 | 470.7 | |
| * 60 Fluorobenzene | 96 | 4.288 | 4.282 | 0.006 | 99 | 701503 | 50.0 | 50.0 | a |
| 61 n-Heptane | 43 | 4.318 | 4.312 | 0.006 | 95 | 3416697 | 500.0 | 558.6 | |
| 63 Trichloroethene | 95 | 4.678 | 4.678 | 0.000 | 97 | 1871223 | 500.0 | 532.4 | |
| 64 n-Butanol | 43 | 4.708 | 4.715 | -0.007 | 91 | 861932 | 12500 | 14617 | |
| 66 Ethyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 97 | 5126428 | 500.0 | 570.1 | |
| 65 Methylcyclohexane | 83 | 4.897 | 4.885 | 0.012 | 96 | 3476342 | 500.0 | 570.7 | |
| 67 1,2-Dichloropropane | 63 | 4.928 | 4.922 | 0.006 | 92 | 2044418 | 500.0 | 534.1 | |
| 68 Dibromomethane | 93 | 5.050 | 5.044 | 0.006 | 95 | 1035619 | 500.0 | 505.6 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.056 | 5.056 | 0.000 | 0 | 41398 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.111 | 5.117 | -0.006 | 96 | 373662 | 10000 | 8730.3 | |
| 71 Methyl methacrylate | 100 | 5.129 | 5.123 | 0.006 | 92 | 807471 | 1000.0 | 986.4 | |
| 81 n-Propyl acetate | 43 | 5.221 | 5.221 | 0.000 | 99 | 2533454 | 500.0 | 527.3 | |
| 72 Dichlorobromomethane | 83 | 5.263 | 5.257 | 0.006 | 99 | 2510186 | 500.0 | 555.4 | |
| 74 2-Nitropropane | 41 | 5.550 | 5.544 | 0.006 | 98 | 905788 | 1000.0 | 1013.0 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.678 | 5.672 | 0.006 | 95 | 536865 | 501.2 | 529.6 | |
| 76 Epichlorohydrin | 57 | 5.720 | 5.714 | 0.006 | 100 | 3380926 | 10000 | 10404 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.818 | 5.812 | 0.006 | 96 | 3132025 | 500.0 | 544.7 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.062 | 6.056 | 0.006 | 98 | 9309100 | 2500.0 | 2620.1 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.141 | 6.141 | 0.000 | 98 | 867491 | 50.0 | 49.7 | |
| 80 Toluene | 91 | 6.226 | 6.220 | 0.006 | 93 | 7738893 | 500.0 | 519.4 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.556 | 6.556 | 0.000 | 98 | 2782985 | 500.0 | 548.8 | |
| 84 Ethyl methacrylate | 69 | 6.751 | 6.751 | 0.000 | 91 | 2340310 | 500.0 | 540.8 | a |
| 83 1,1,2-Trichloroethane | 83 | 6.787 | 6.781 | 0.006 | 93 | 1255009 | 500.0 | 538.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Tetrachloroethene | 166 | 6.928 | 6.928 | 0.000 | 94 | 1714865 | 500.0 | 519.7 | |
| 86 1,3-Dichloropropane | 76 | 6.982 | 6.976 | 0.006 | 96 | 2606894 | 500.0 | 537.2 | |
| 87 2-Hexanone | 43 | 7.141 | 7.141 | 0.000 | 98 | 6713201 | 2500.0 | 2593.8 | |
| 88 Chlorodibromomethane | 129 | 7.232 | 7.226 | 0.006 | 98 | 1673114 | 500.0 | 561.2 | |
| 89 Ethylene Dibromide | 107 | 7.324 | 7.324 | 0.000 | 97 | 1437680 | 500.0 | 522.1 | |
| 90 n-Butyl acetate | 43 | 7.330 | 7.330 | 0.000 | 99 | 2867106 | 500.0 | 530.2 | a |
| * 91 Chlorobenzene-d5 | 117 | 7.830 | 7.824 | 0.006 | 89 | 551851 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.854 | 7.854 | 0.000 | 91 | 4710958 | 500.0 | 530.2 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.952 | 7.952 | 0.000 | 94 | 1744415 | 500.0 | 548.5 | |
| 94 Ethylbenzene | 106 | 7.988 | 7.988 | 0.000 | 99 | 2666245 | 500.0 | 529.2 | |
| 95 m-Xylene & p-Xylene | 106 | 8.104 | 8.104 | 0.000 | 0 | 3270414 | 500.0 | 527.9 | |
| 96 o-Xylene | 106 | 8.458 | 8.452 | 0.006 | 92 | 3226794 | 500.0 | 533.0 | |
| 97 Styrene | 104 | 8.470 | 8.470 | 0.000 | 93 | 5541759 | 500.0 | 543.4 | |
| 98 n-Butyl acrylate | 73 | 8.488 | 8.488 | 0.000 | 95 | 1432461 | 500.0 | 560.0 | |
| 99 Bromoform | 173 | 8.604 | 8.604 | 0.000 | 95 | 1109190 | 500.0 | 568.8 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.696 | 8.695 | 0.001 | 89 | 3383155 | 500.0 | 501.1 | |
| 102 Isopropylbenzene | 105 | 8.787 | 8.781 | 0.006 | 97 | 8573238 | 500.0 | 550.4 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.897 | 8.891 | 0.006 | 90 | 240659 | 50.0 | 48.4 | |
| 104 Bromobenzene | 156 | 9.000 | 8.994 | 0.006 | 97 | 1946263 | 500.0 | 516.6 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.037 | 9.037 | 0.000 | 98 | 2020377 | 500.0 | 538.8 | |
| 105 1,2,3-Trichloropropane | 110 | 9.055 | 9.055 | 0.000 | 97 | 523827 | 500.0 | 513.8 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.086 | 9.086 | 0.000 | 92 | 673383 | 500.0 | 555.6 | a |
| 108 N-Propylbenzene | 120 | 9.122 | 9.116 | 0.006 | 99 | 2246311 | 500.0 | 501.7 | e |
| 109 2-Chlorotoluene | 126 | 9.171 | 9.165 | 0.006 | 97 | 1990119 | 500.0 | 515.5 | a |
| 110 4-Ethyltoluene | 105 | 9.214 | 9.214 | 0.000 | 99 | 8307712 | 500.0 | 509.9 | |
| 111 4-Chlorotoluene | 91 | 9.256 | 9.256 | 0.000 | 99 | 7613665 | 500.0 | 541.2 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.269 | 9.262 | 0.007 | 91 | 7670897 | 500.0 | 548.5 | |
| 100 Butyl Methacrylate | 87 | 9.372 | 9.372 | 0.000 | 95 | 2445393 | 500.0 | 527.5 | |
| 113 tert-Butylbenzene | 119 | 9.512 | 9.512 | 0.000 | 92 | 6286262 | 500.0 | 547.3 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.549 | 9.549 | 0.000 | 98 | 7845725 | 500.0 | 540.3 | |
| 115 sec-Butylbenzene | 105 | 9.677 | 9.677 | 0.000 | 98 | 9502202 | 500.0 | 535.7 | e |
| 116 1,3-Dichlorobenzene | 146 | 9.738 | 9.738 | 0.000 | 95 | 3865360 | 500.0 | 523.5 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.787 | 9.787 | 0.000 | 81 | 308208 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.793 | 9.793 | 0.000 | 97 | 8362515 | 500.0 | 546.1 | e |
| 118 1,4-Dichlorobenzene | 146 | 9.805 | 9.805 | 0.000 | 93 | 3915319 | 500.0 | 520.4 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.854 | 9.854 | 0.000 | 100 | 7765937 | 500.0 | 529.1 | |
| 121 Benzyl chloride | 126 | 9.915 | 9.909 | 0.006 | 98 | 770902 | 500.0 | 512.4 | |
| 122 2,3-Dihydroindene | 117 | 9.994 | 9.988 | 0.006 | 94 | 6743086 | 500.0 | 521.5 | |
| 124 p-Diethylbenzene | 119 | 10.073 | 10.067 | 0.006 | 91 | 4827623 | 500.0 | 519.4 | |
| 123 1,2-Dichlorobenzene | 146 | 10.073 | 10.073 | 0.000 | 91 | 3613739 | 500.0 | 519.3 | |
| 125 n-Butylbenzene | 92 | 10.085 | 10.085 | 0.000 | 98 | 4769522 | 500.0 | 554.8 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.616 | 10.610 | 0.006 | 96 | 7428006 | 500.0 | 517.8 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.622 | 10.622 | 0.000 | 97 | 420973 | 500.0 | 545.5 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.774 | 10.768 | 0.006 | 97 | 2933765 | 500.0 | 490.1 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.189 | 11.183 | 0.006 | 94 | 2788948 | 500.0 | 495.6 | |
| 130 Hexachlorobutadiene | 225 | 11.311 | 11.311 | 0.000 | 93 | 1583221 | 500.0 | 553.7 | |
| 131 Naphthalene | 128 | 11.347 | 11.347 | 0.000 | 99 | 6278350 | 500.0 | 529.1 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.524 | 11.524 | 0.000 | 95 | 2603954 | 500.0 | 518.3 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 1070.8 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 1000.0 | 1093.5 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 1060.9 | |
| S 136 Total BTEX | 1 | | | | 0 | | 2500.0 | 2647.0 | |

## QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00455 | Amount Added: | 5.00 | Units: uL | |
| Ethanol mix_00083 | Amount Added: | 5.00 | Units: uL | |
| MIX I Hi_00170 | Amount Added: | 5.00 | Units: uL | |
| MIX 2 Hi_00142 | Amount Added: | 5.00 | Units: uL | |
| 7 Freons Hi_00008 | Amount Added: | 5.00 | Units: uL | |
| EthyhexAcr_Hi_00004 | Amount Added: | 5.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 6.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Nov-2023 11:48:29 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2 Operator ID:

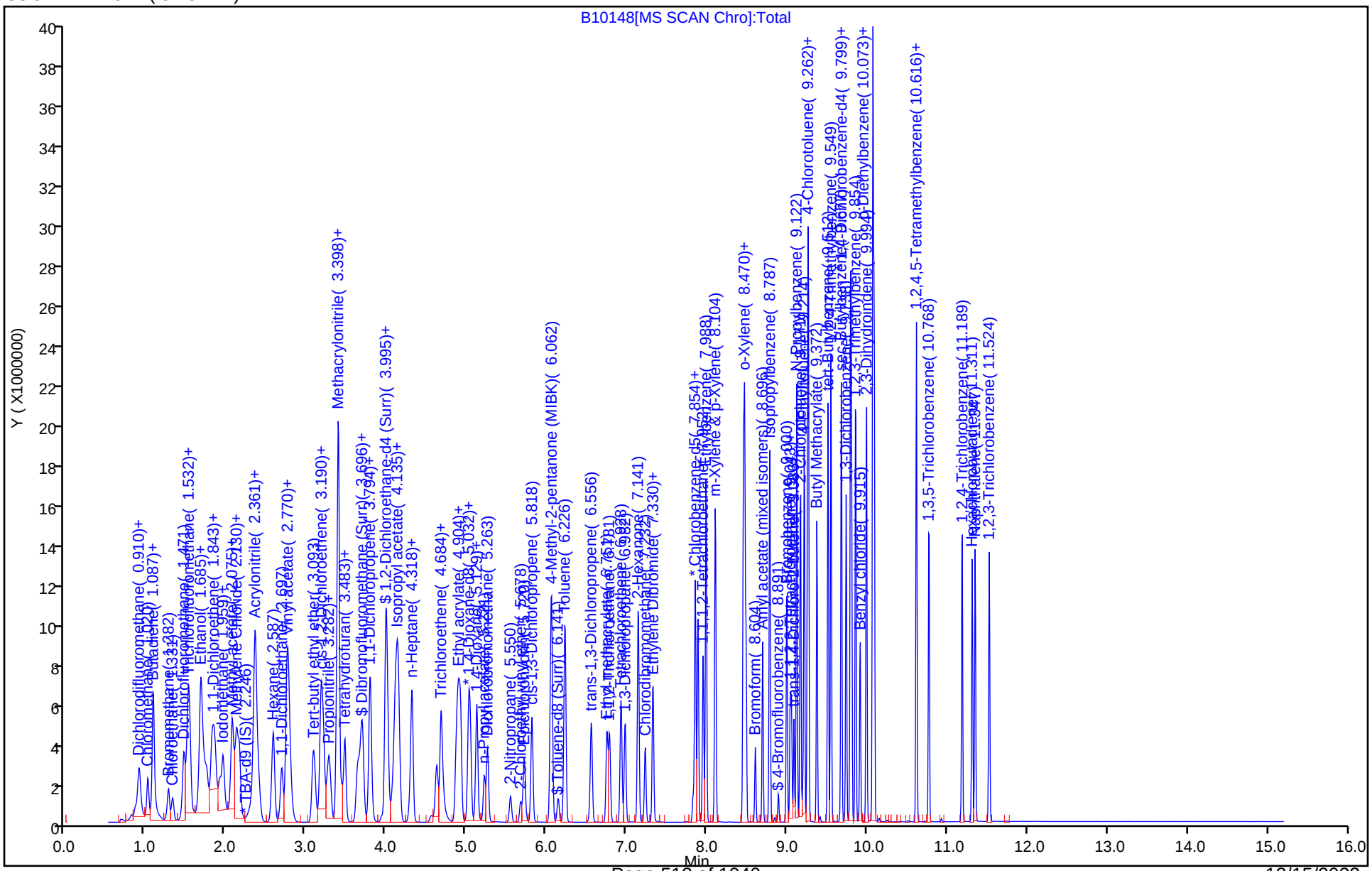
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

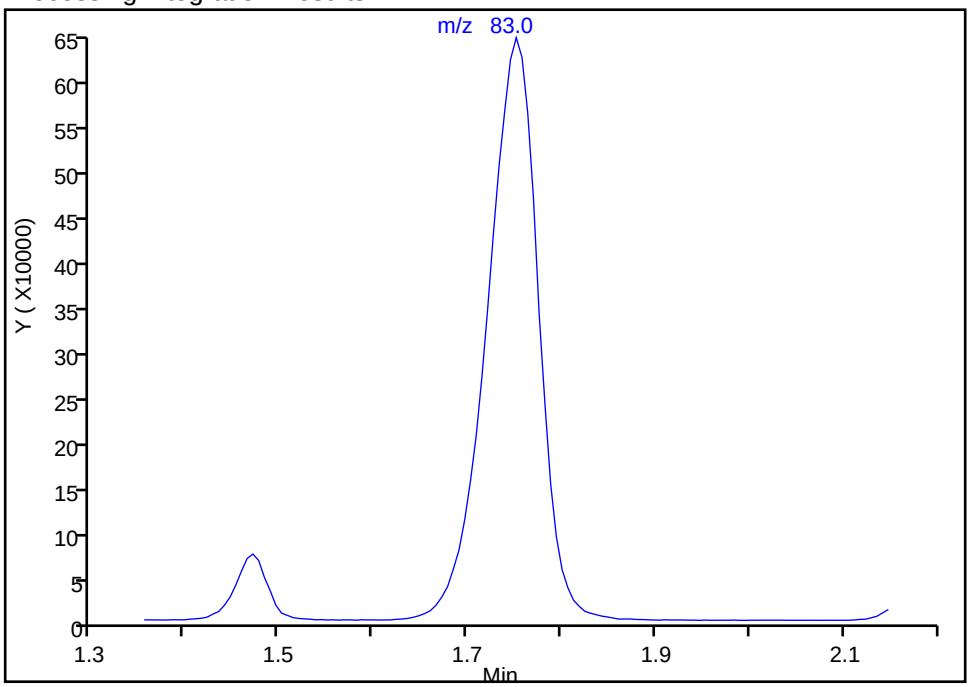
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

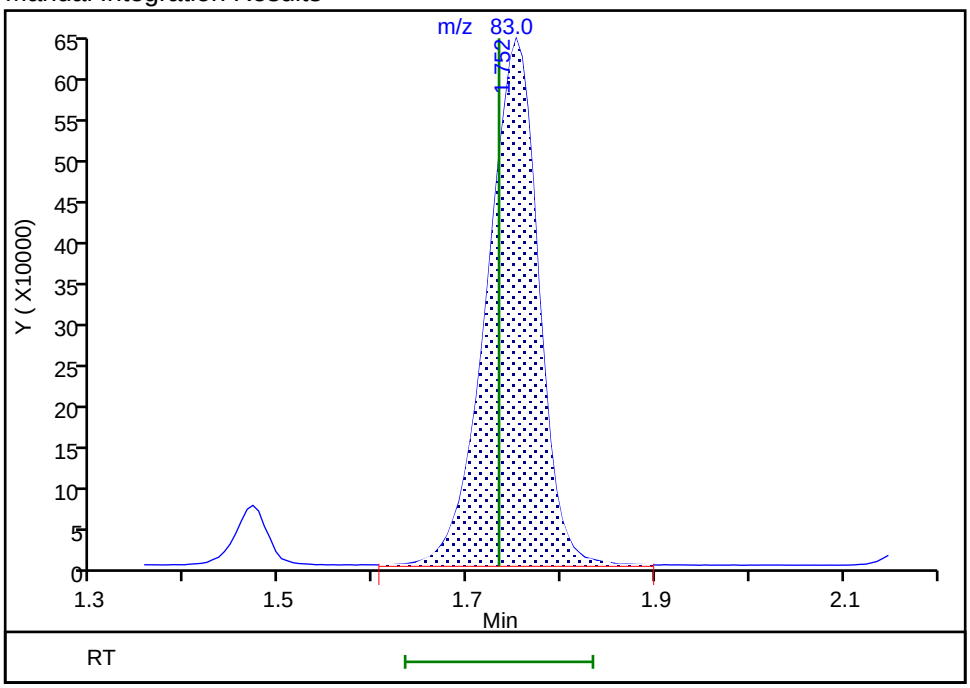
Not Detected
Expected RT: 1.73

Processing Integration Results




Manual Integration Results

RT: 1.75
Area: 2469843
Amount: 532.2592
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:54:27 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

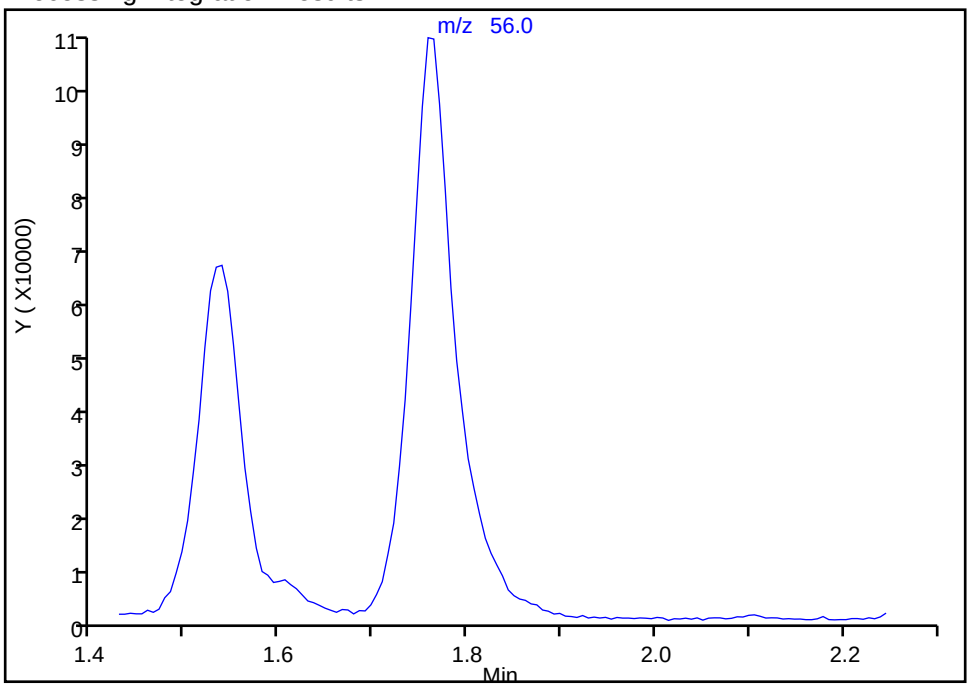
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 18 Acrolein, CAS: 107-02-8

Signal: 1

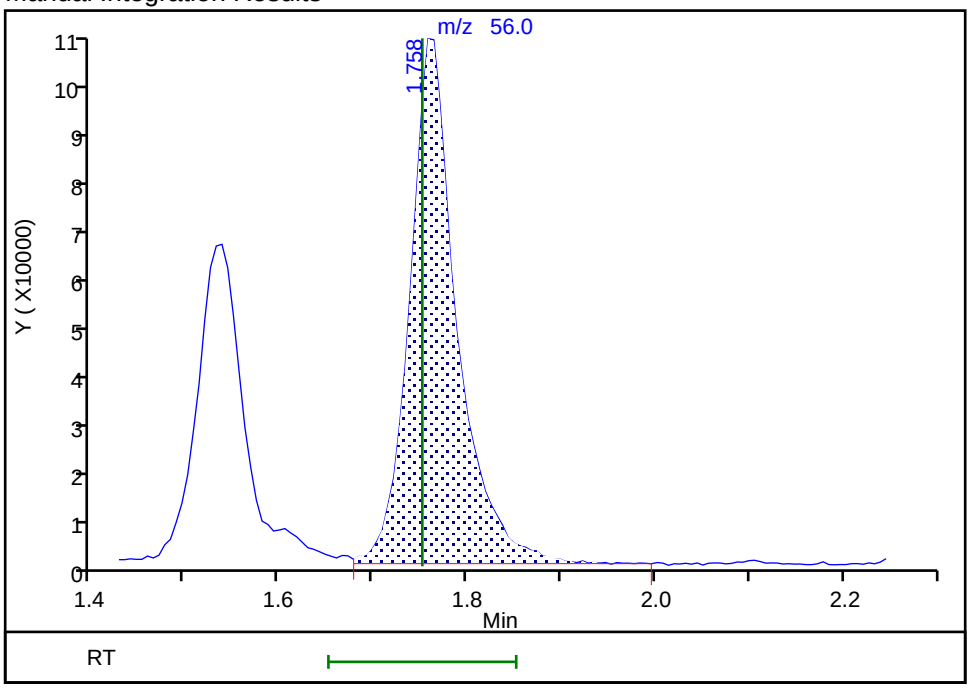
Not Detected
Expected RT: 1.75

Processing Integration Results




Manual Integration Results

RT: 1.76
Area: 356444
Amount: 664.2727
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:54:38 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

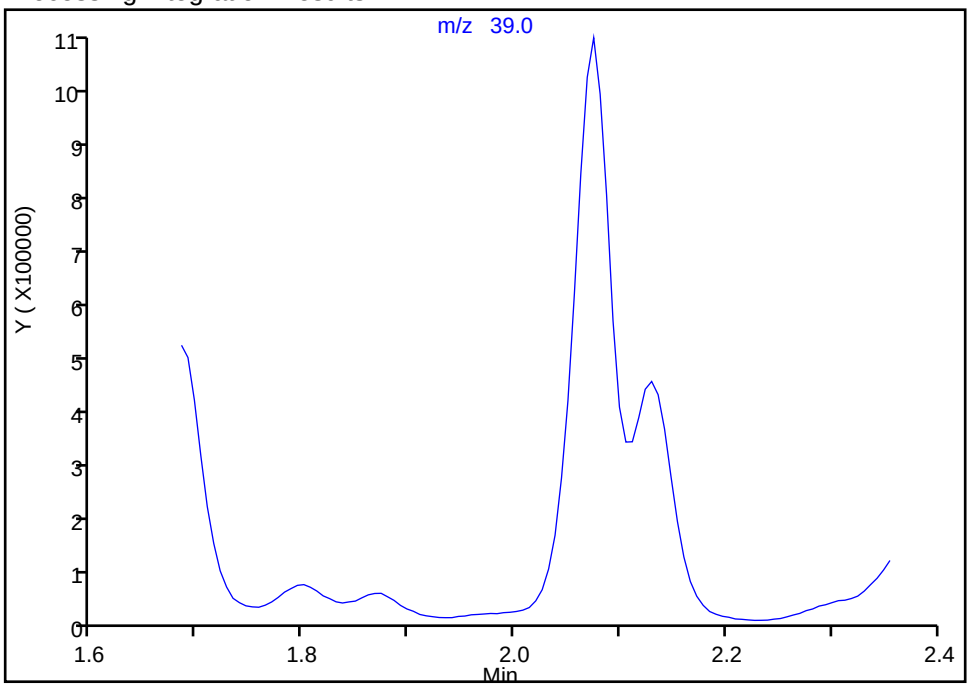
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

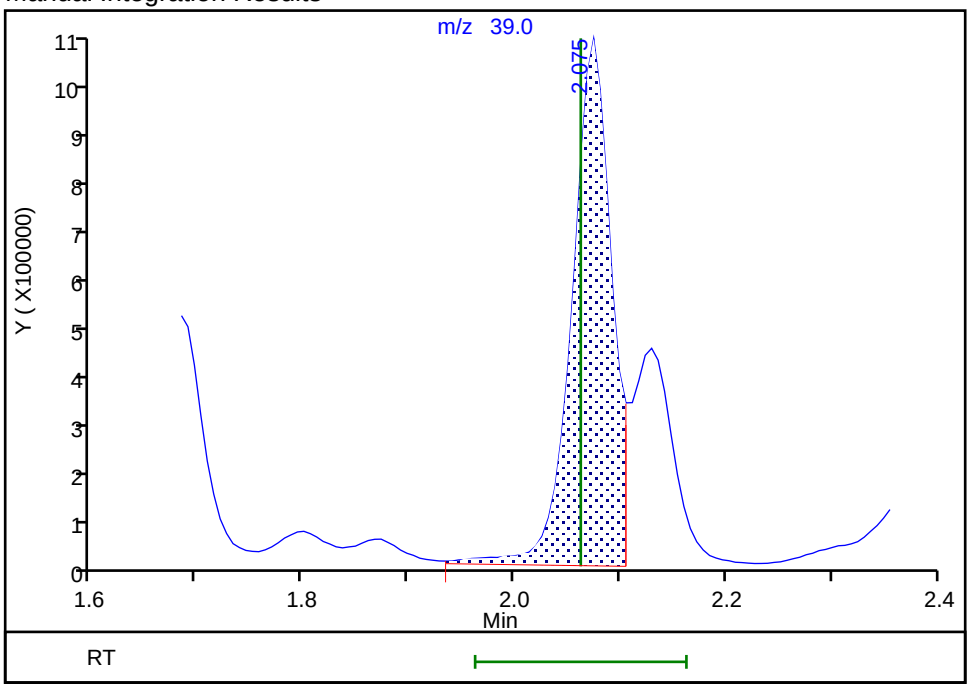
Not Detected
Expected RT: 2.06

Processing Integration Results




Manual Integration Results

RT: 2.07
Area: 2761457
Amount: 539.0694
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:54:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

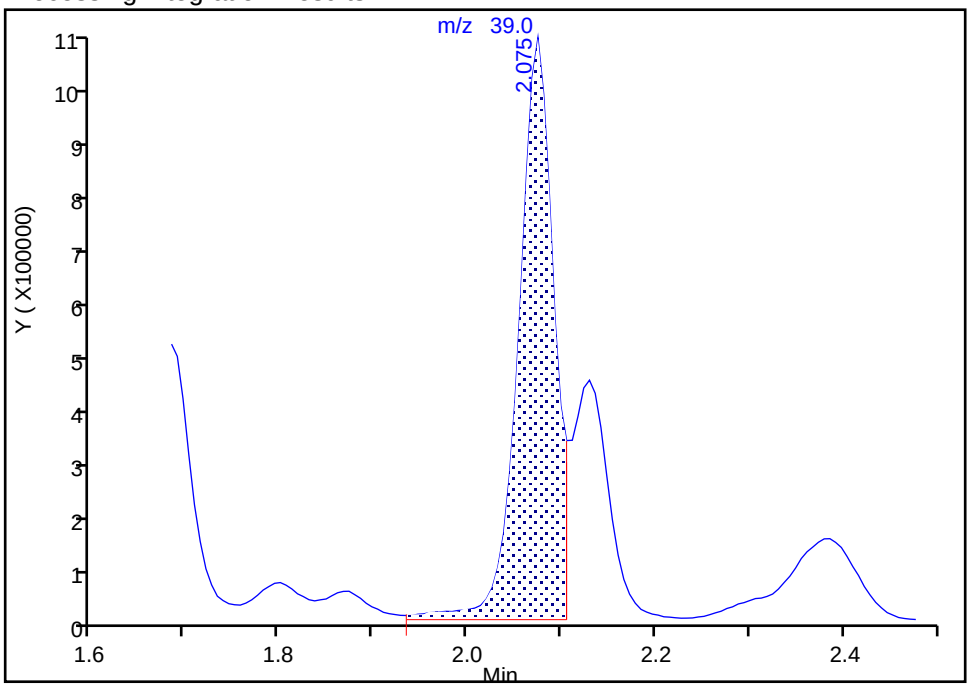
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

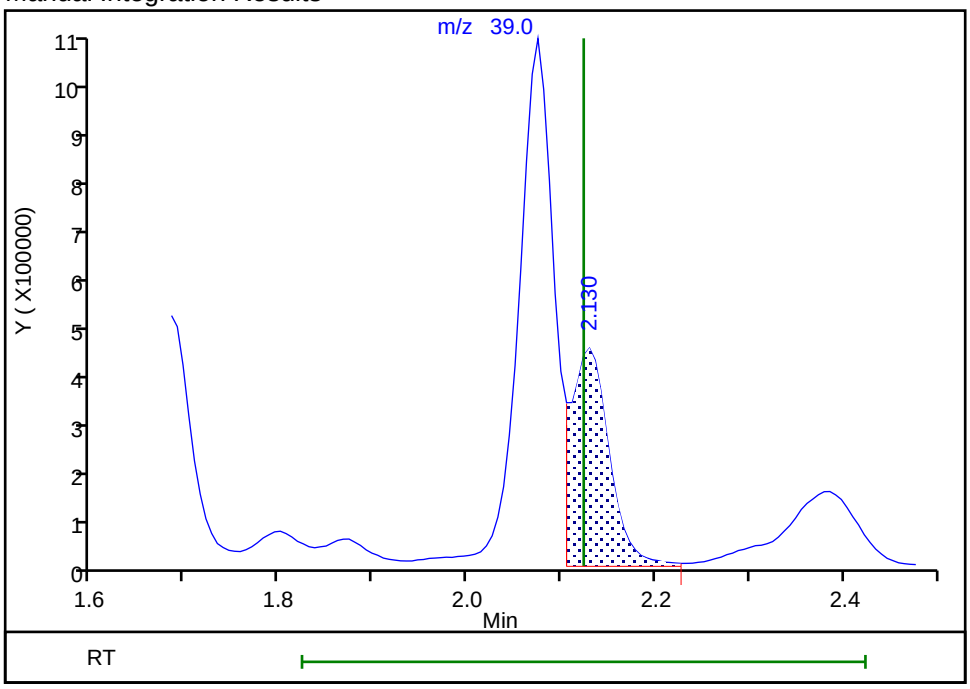
Processing Integration Results

RT: 2.07
Area: 2770574
Amount: 4998.7865
Amount Units: ug/l




Manual Integration Results

RT: 2.13
Area: 1238627
Amount: 5587.7550
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:20:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

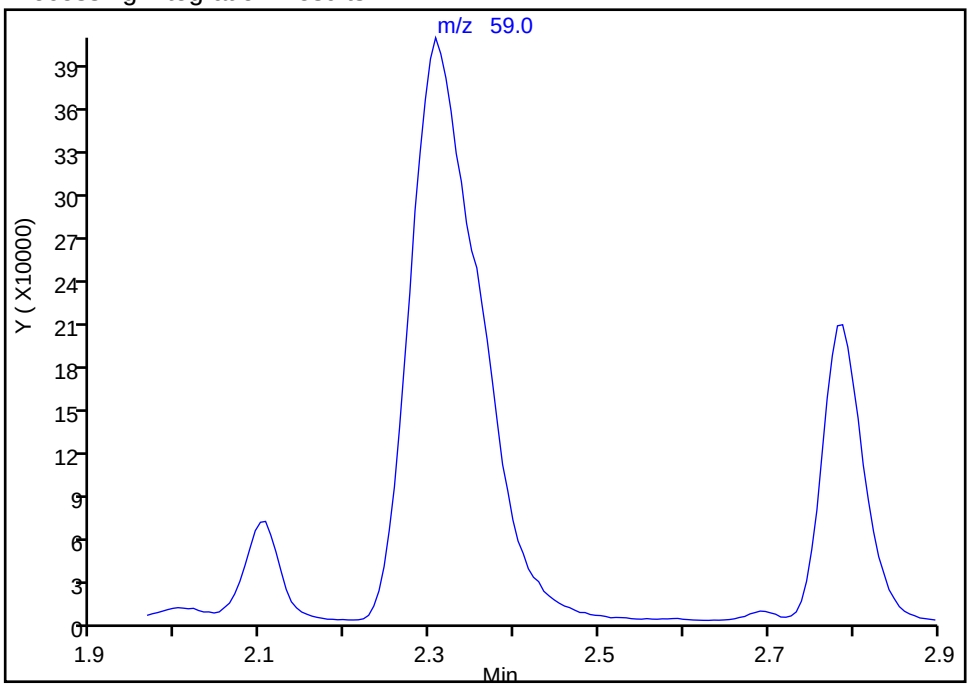
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

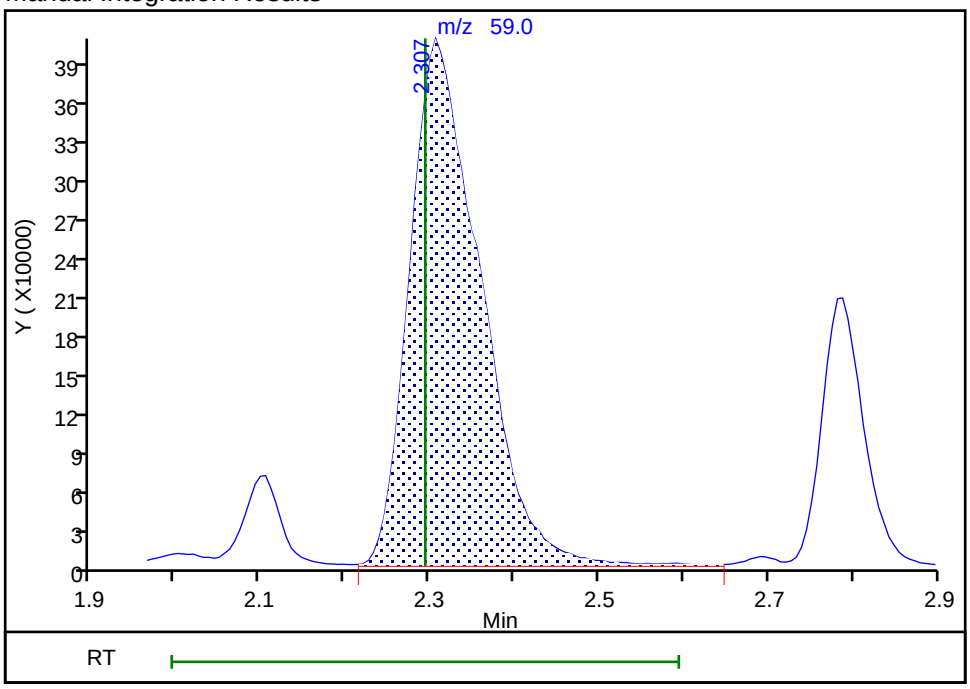
Not Detected
Expected RT: 2.29

Processing Integration Results




Manual Integration Results

RT: 2.31
Area: 2344148
Amount: 5242.8727
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:54:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

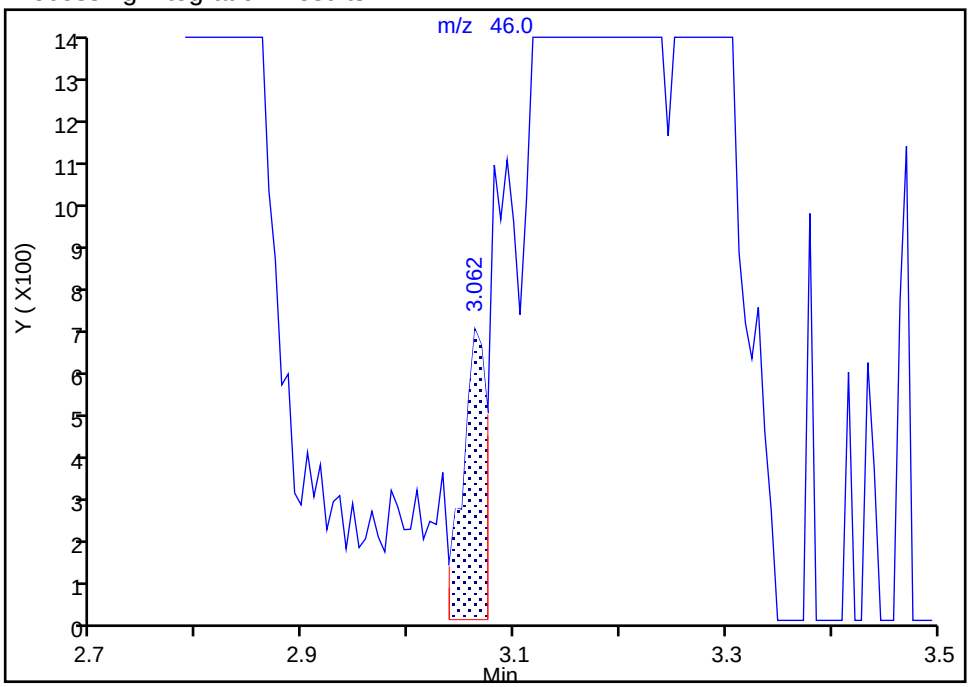
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

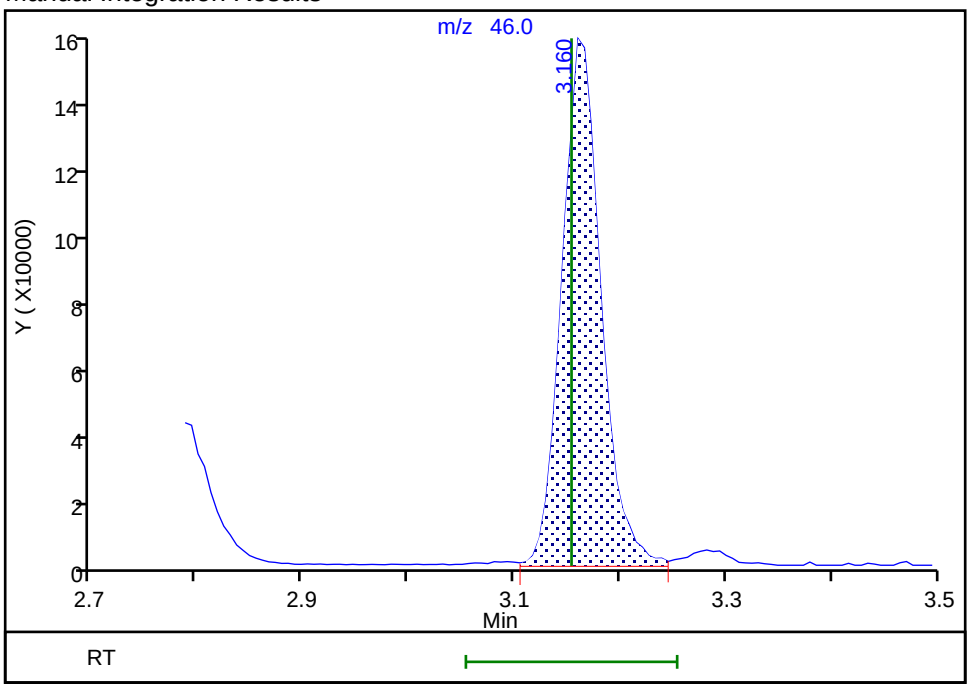
Processing Integration Results

RT: 3.06
Area: 1066
Amount: 250.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.16
Area: 394501
Amount: 250.0000
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 07:31:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

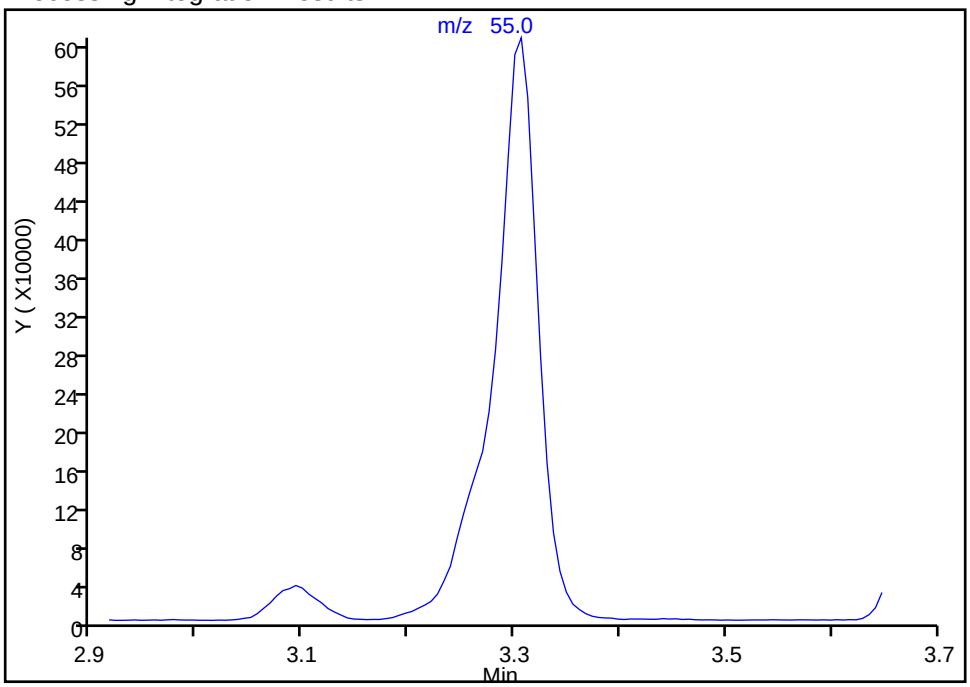
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 62 Methyl acrylate, CAS: 96-33-3

Signal: 1

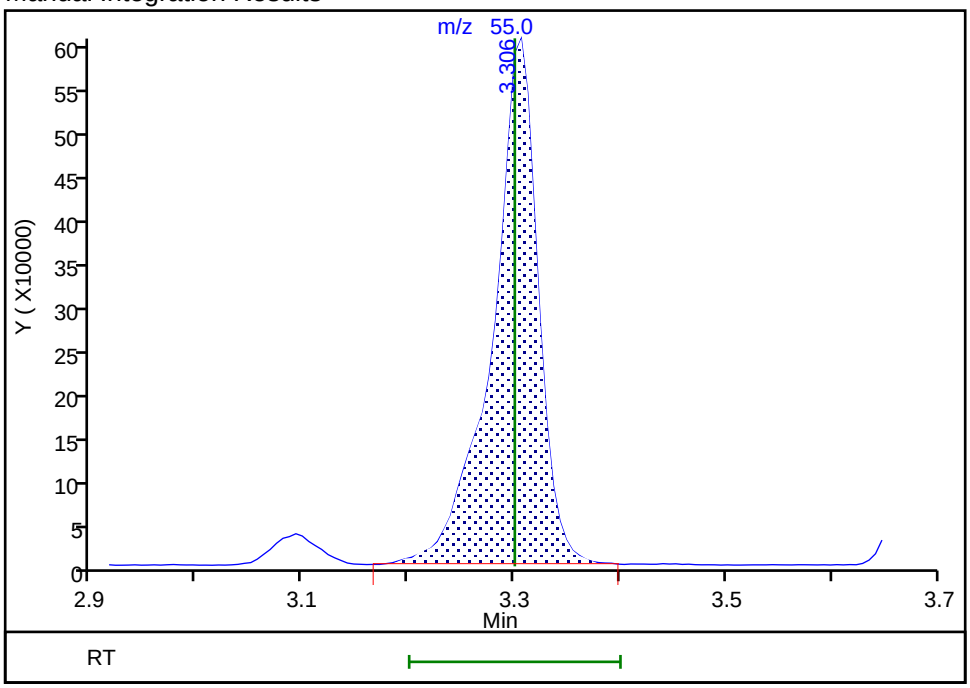
Not Detected
Expected RT: 3.30

Processing Integration Results




Manual Integration Results

RT: 3.31
Area: 1825771
Amount: 537.9622
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:55:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

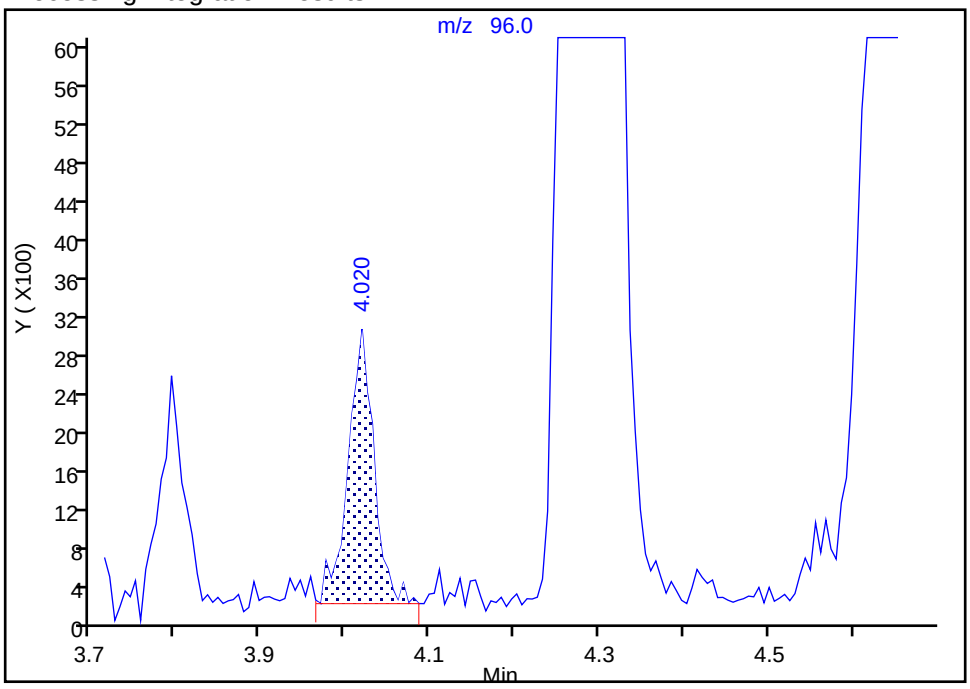
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 60 Fluorobenzene, CAS: 462-06-6

Signal: 1

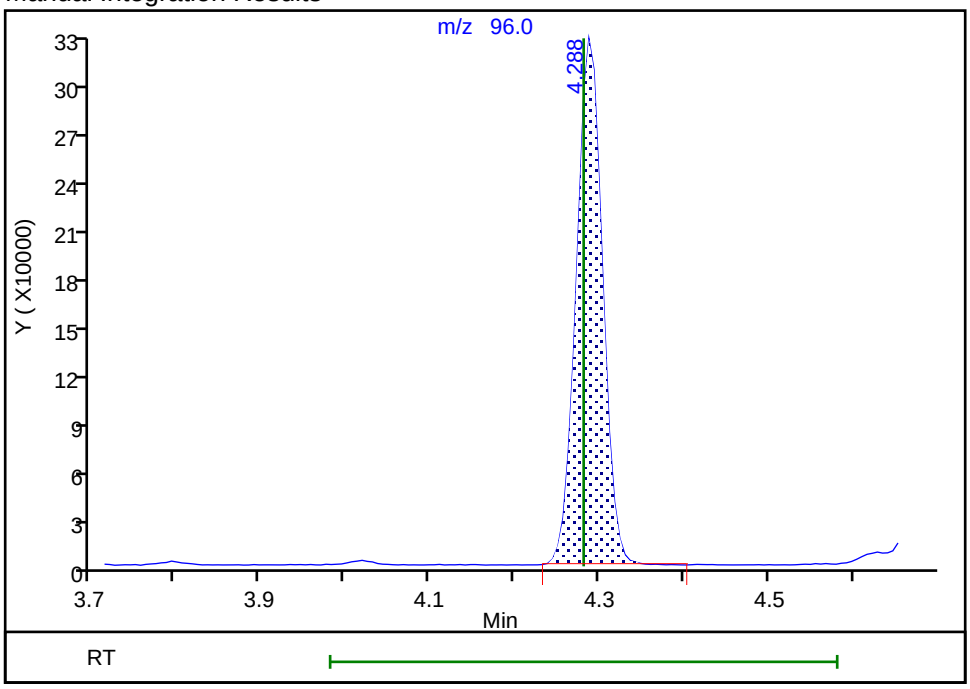
Processing Integration Results

RT: 4.02
Area: 6004
Amount: 50.000000
Amount Units: ug/l




Manual Integration Results

RT: 4.29
Area: 701503
Amount: 50.000000
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 07:32:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

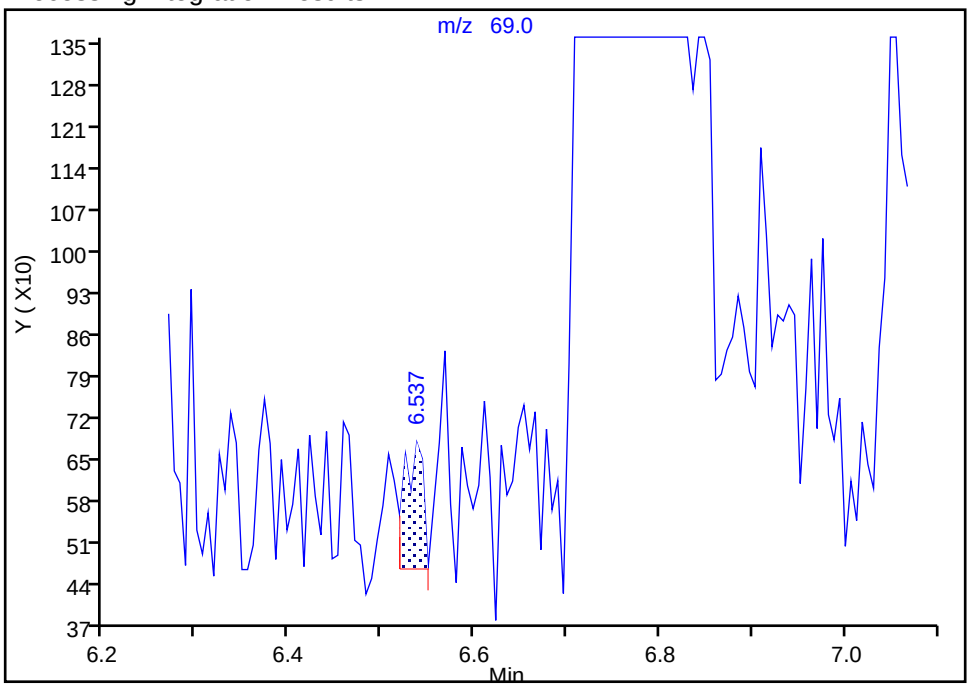
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

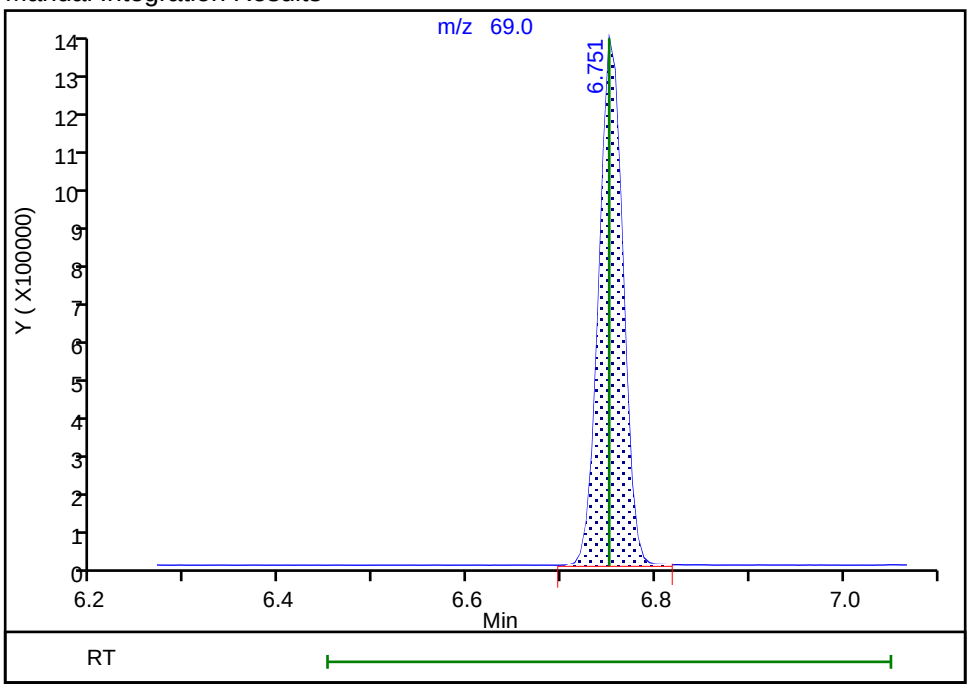
Processing Integration Results

RT: 6.54
Area: 292
Amount: 0.082307
Amount Units: ug/l




Manual Integration Results

RT: 6.75
Area: 2340310
Amount: 540.7763
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:20:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

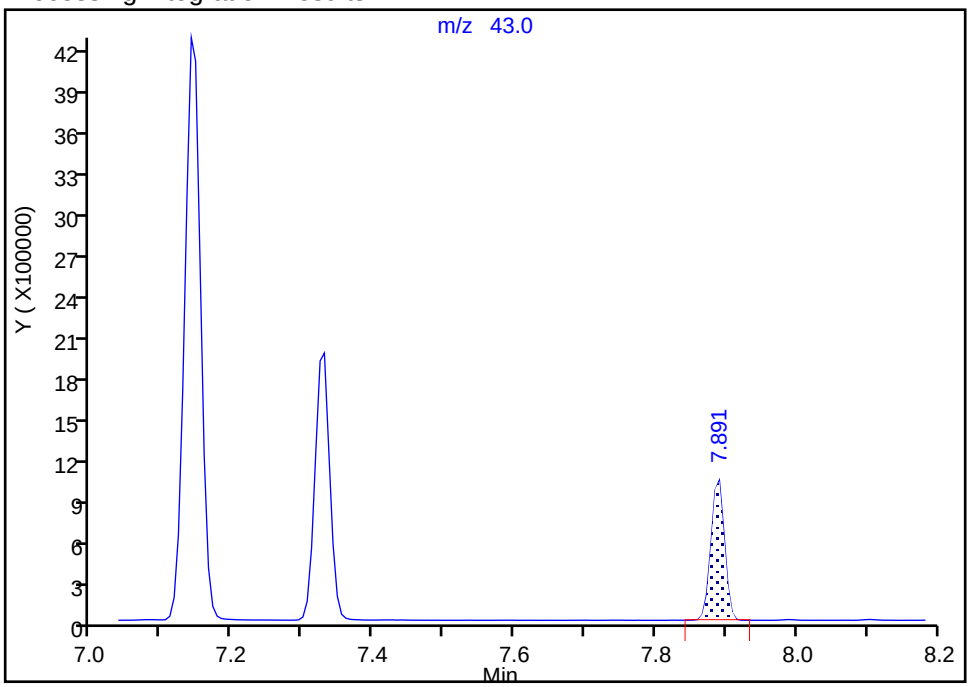
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

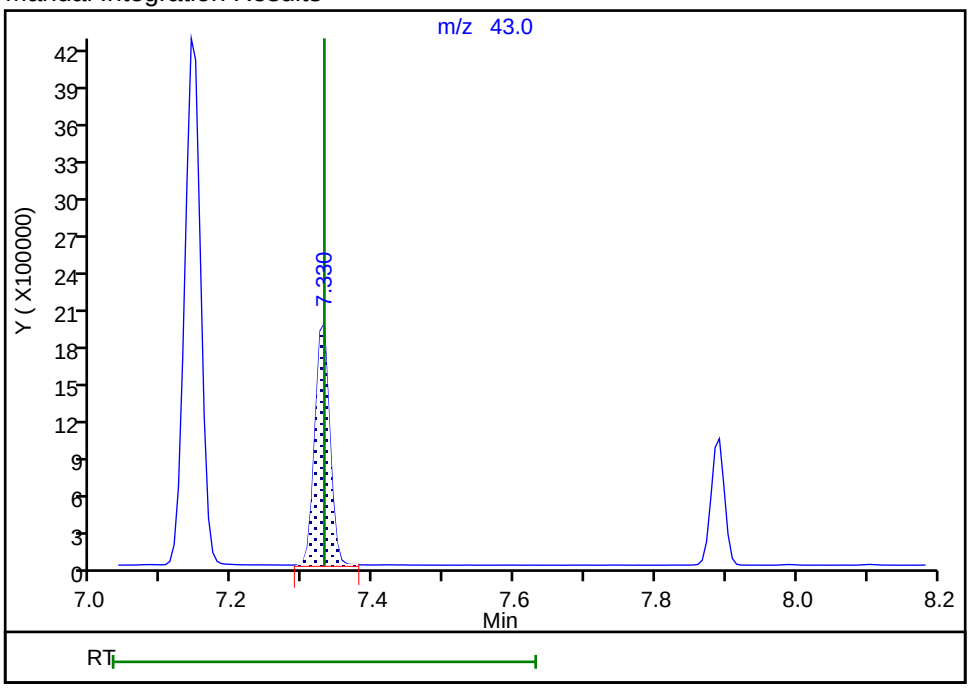
Processing Integration Results

RT: 7.89
Area: 1365319
Amount: 356.5428
Amount Units: ug/l




Manual Integration Results

RT: 7.33
Area: 2867106
Amount: 530.1984
Amount Units: ug/l




Reviewer: NN6A, 17-Nov-2023 11:42:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

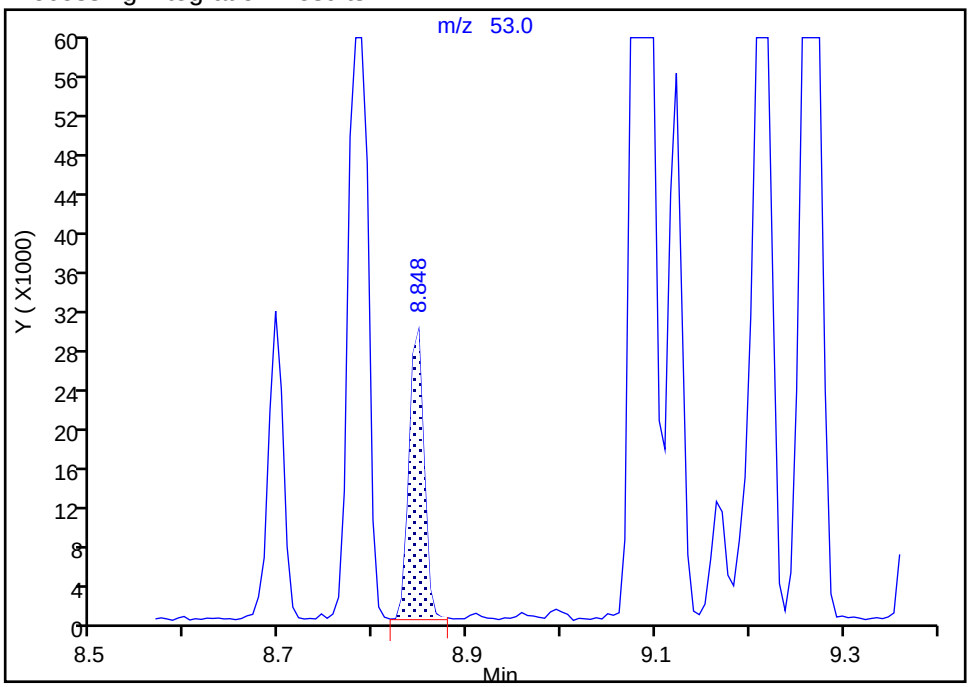
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

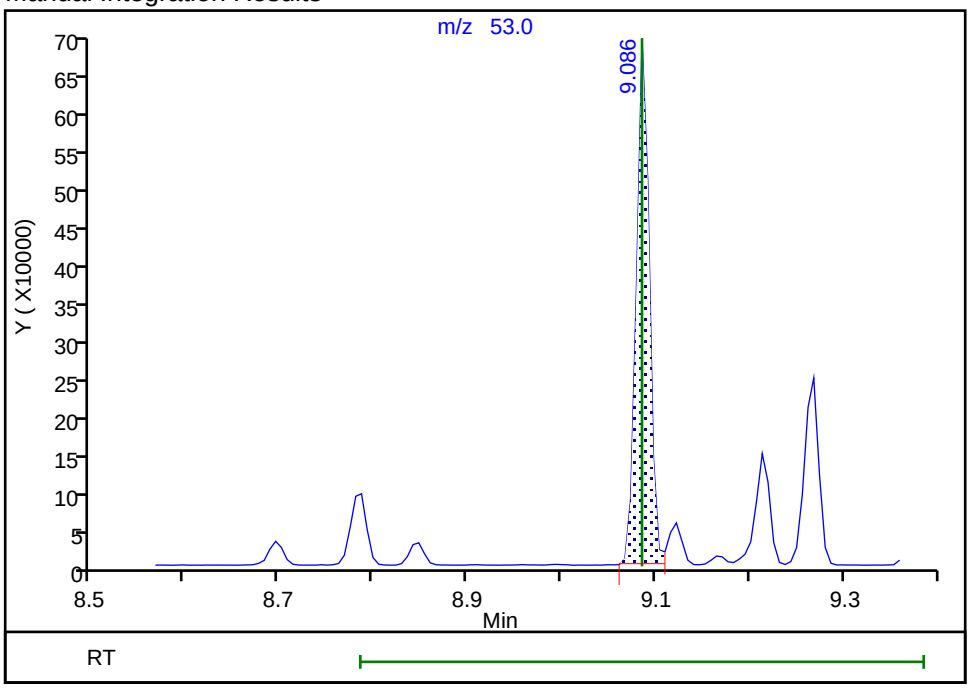
Processing Integration Results

RT: 8.85
Area: 32821
Amount: 103.4474
Amount Units: ug/l




Manual Integration Results

RT: 9.09
Area: 673383
Amount: 555.5821
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:21:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

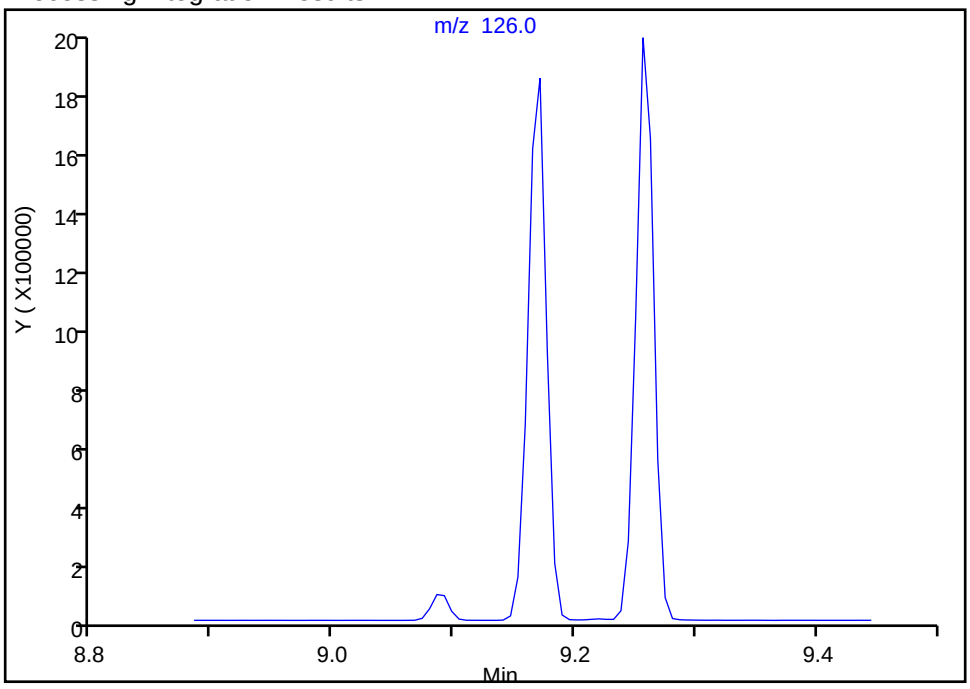
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D
Injection Date: 16-Nov-2023 22:39:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 109 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

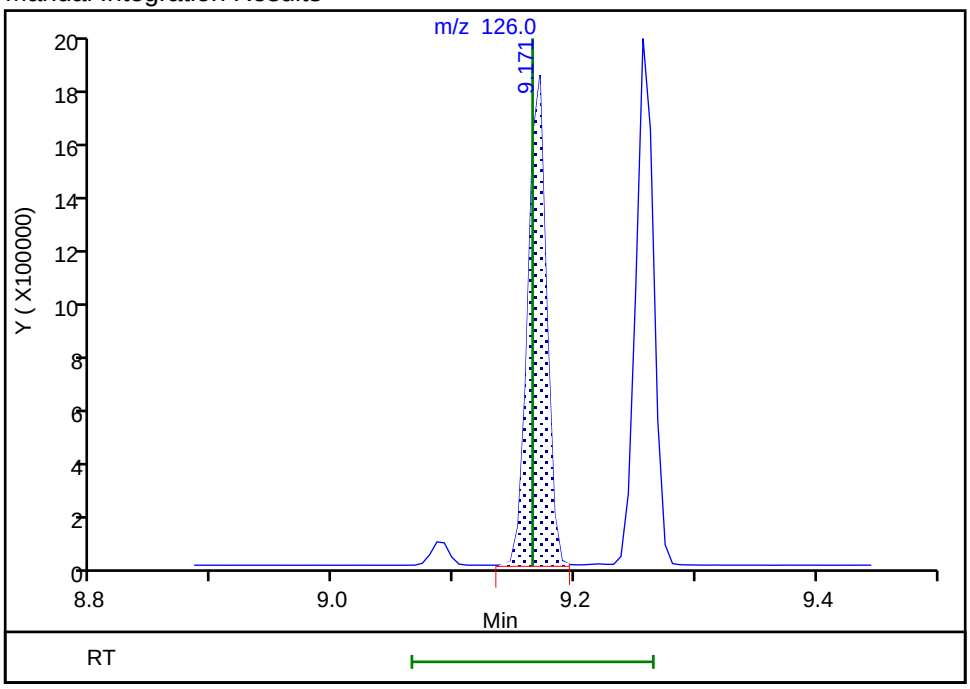
Not Detected
Expected RT: 9.16

Processing Integration Results




Manual Integration Results

RT: 9.17
Area: 1990119
Amount: 515.4895
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:20:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

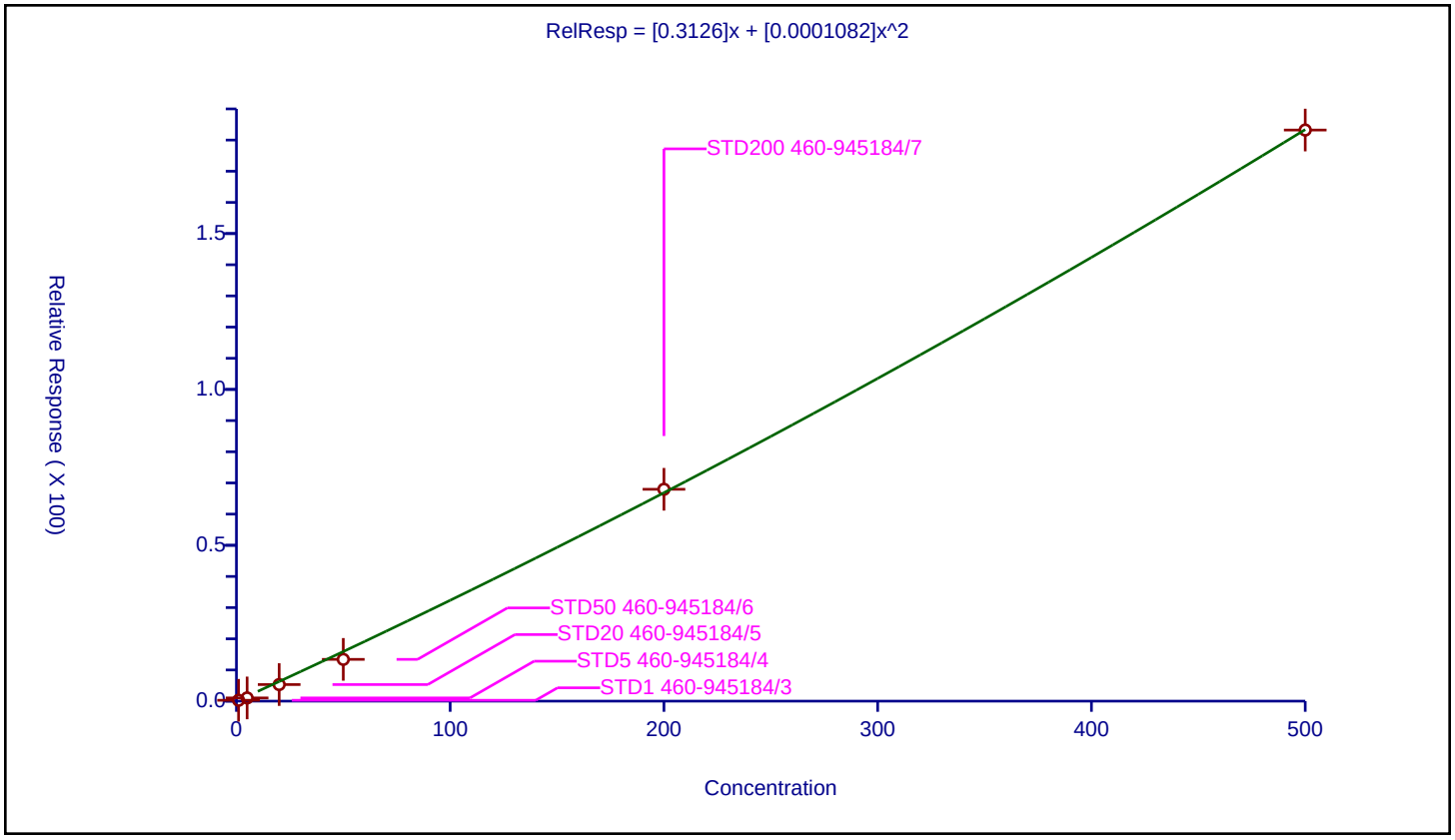
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3126 |
| **Second Order:** | 0.0001082 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1370000 |
| **Relative Standard Error:** | 21.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.274039 | 50.0 | 604842.0 | 0.274039 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.032813 | 50.0 | 607322.0 | 0.206563 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.320493 | 50.0 | 654460.0 | 0.266025 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 13.397722 | 50.0 | 660213.0 | 0.267954 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 67.971391 | 50.0 | 696852.0 | 0.339857 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 183.219744 | 50.0 | 701503.0 | 0.366439 | Y |






12/15/2023
1:34 PM

## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

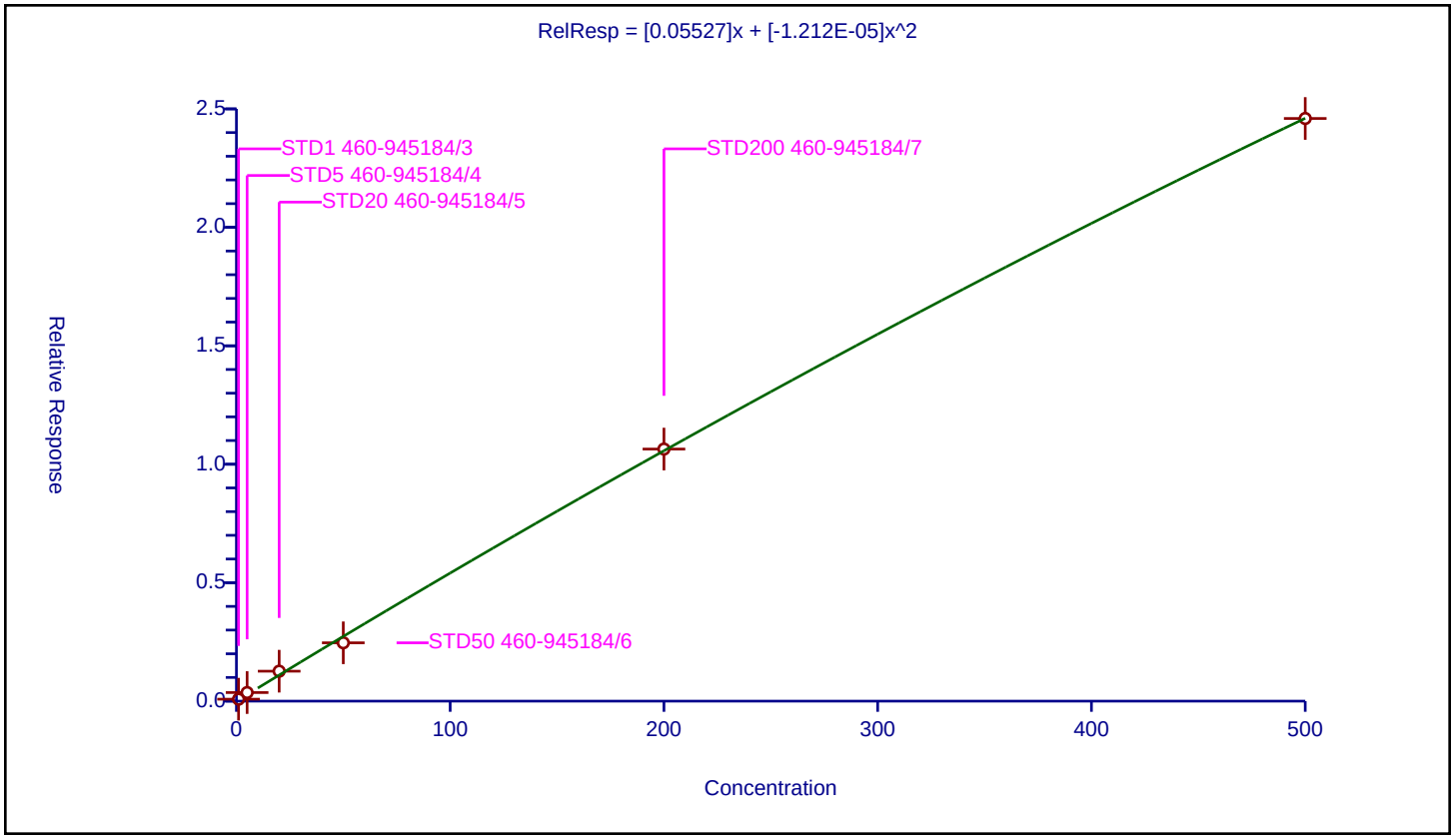
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05527 |
| **Second Order:** | -1.212E-05 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 189000 |
| **Relative Standard Error:** | 30.9 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.082914 | 50.0 | 604842.0 | 0.082914 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.36274 | 50.0 | 607322.0 | 0.072548 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 1.26463 | 50.0 | 654460.0 | 0.063232 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 2.462614 | 50.0 | 660213.0 | 0.049252 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 10.640279 | 50.0 | 696852.0 | 0.053201 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 24.595048 | 50.0 | 701503.0 | 0.04919 | Y |



## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

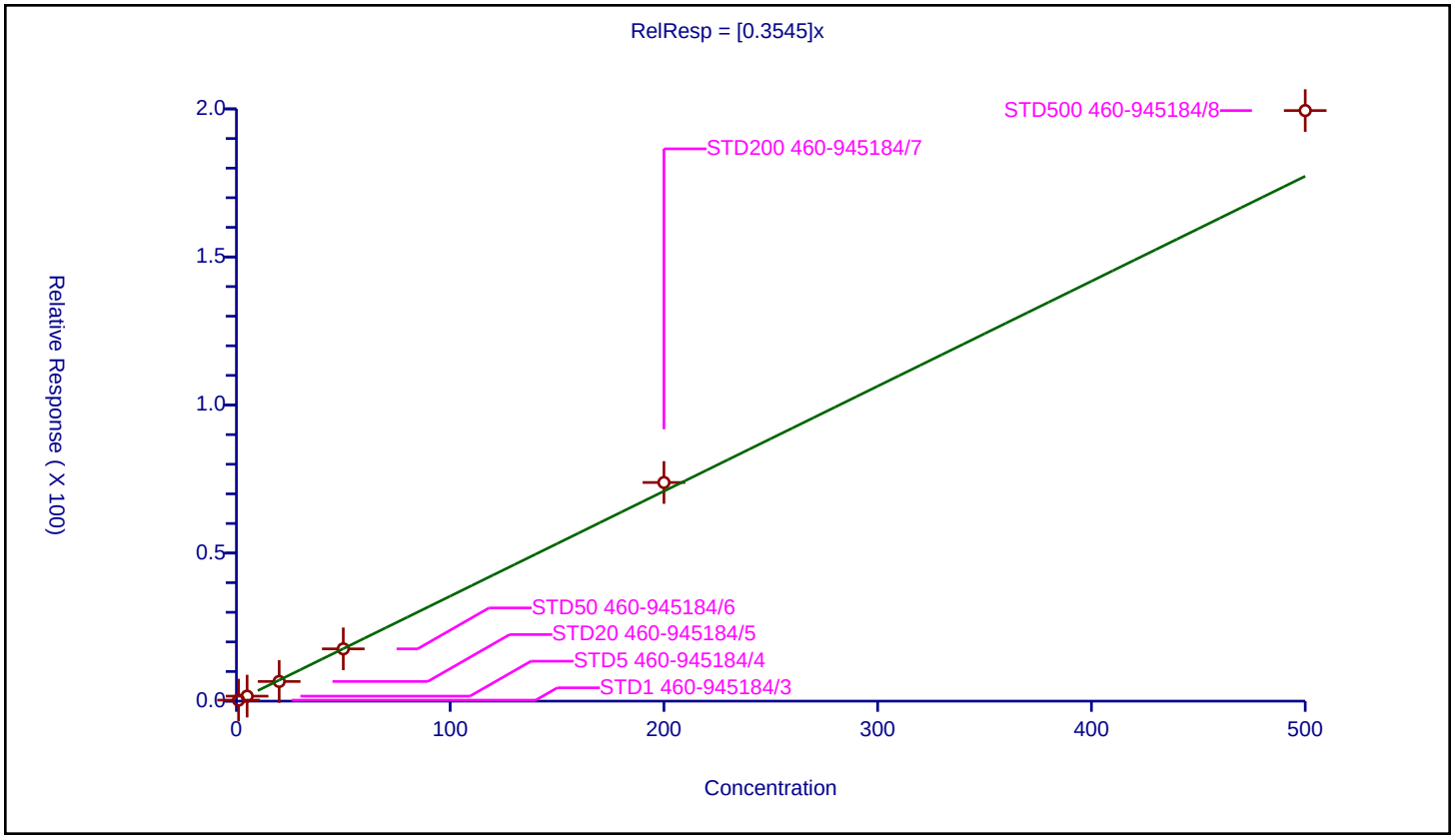
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3545 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1340000 |
| **Relative Standard Error:** | 7.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.336286 | 50.0 | 604842.0 | 0.336286 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.688396 | 50.0 | 607322.0 | 0.337679 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 6.6412 | 50.0 | 654460.0 | 0.33206 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 17.654454 | 50.0 | 660213.0 | 0.353089 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 73.837056 | 50.0 | 696852.0 | 0.369185 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 199.435783 | 50.0 | 701503.0 | 0.398872 | Y |






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## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

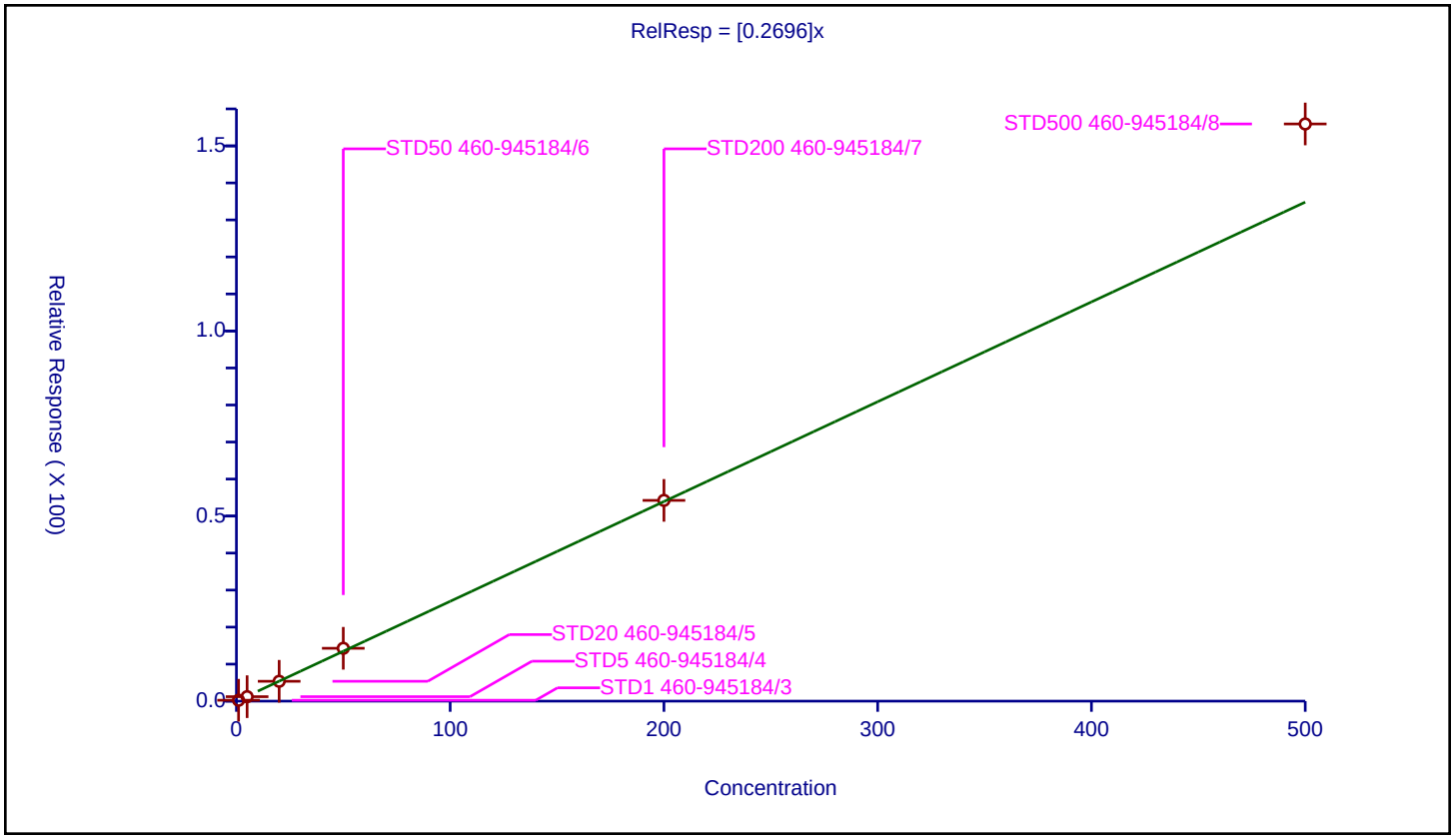
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2696 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1040000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.239567 | 50.0 | 604842.0 | 0.239567 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.207267 | 50.0 | 607322.0 | 0.241453 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.362513 | 50.0 | 654460.0 | 0.268126 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 14.276075 | 50.0 | 660213.0 | 0.285521 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 54.23196 | 50.0 | 696852.0 | 0.27116 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 155.926347 | 50.0 | 701503.0 | 0.311853 | Y |






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## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

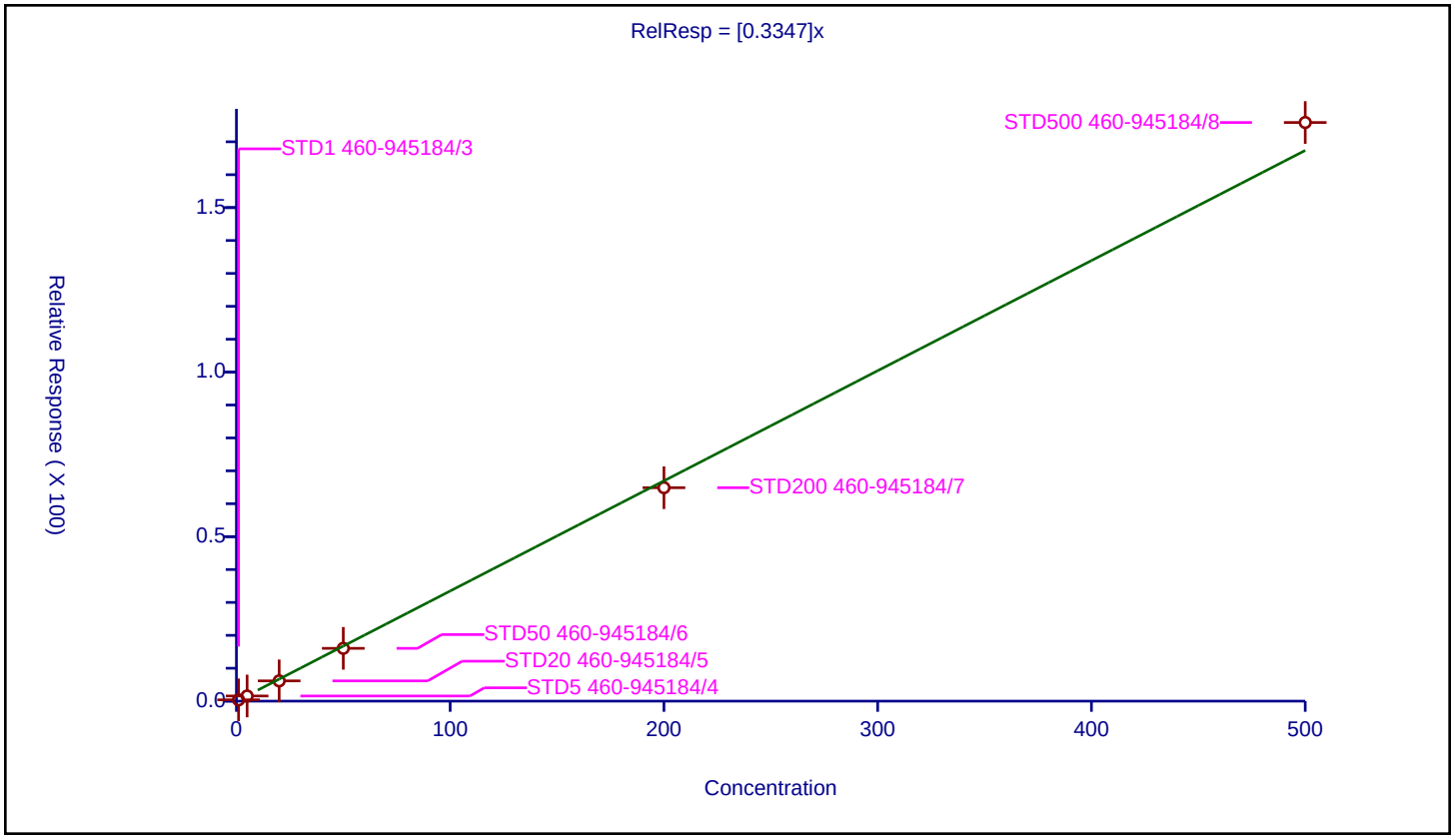
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3347 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1180000 |
| **Relative Standard Error:** | 9.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.390267 | 50.0 | 604842.0 | 0.390267 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.56762 | 50.0 | 607322.0 | 0.313524 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 6.154234 | 50.0 | 654460.0 | 0.307712 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 16.045049 | 50.0 | 660213.0 | 0.320901 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 64.869441 | 50.0 | 696852.0 | 0.324347 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 175.865677 | 50.0 | 701503.0 | 0.351731 | Y |



## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

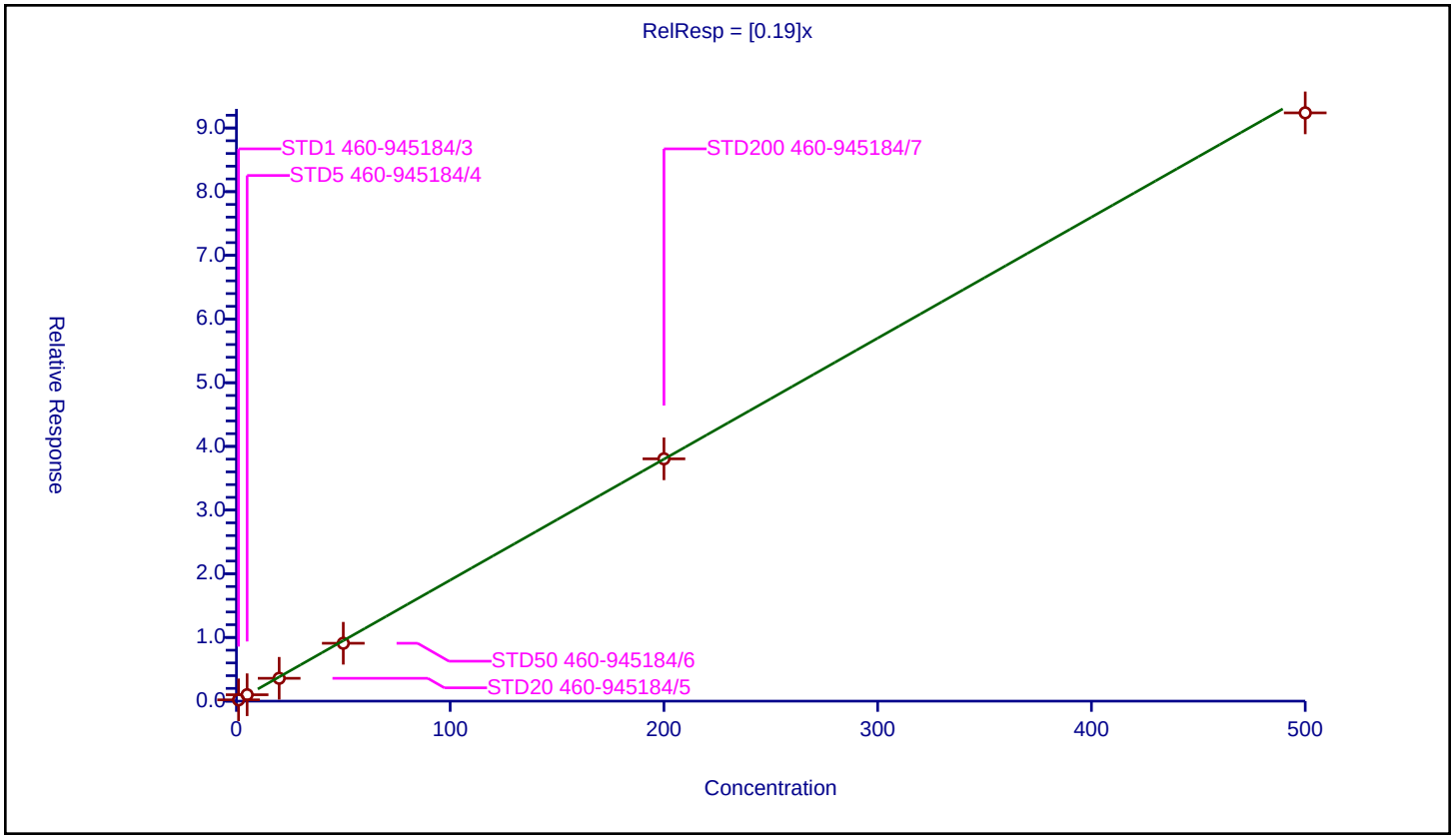
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.19 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 629000 |
| **Relative Standard Error:** | 5.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.202698 | 50.0 | 604842.0 | 0.202698 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.005397 | 50.0 | 607322.0 | 0.201079 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 3.587309 | 50.0 | 654460.0 | 0.179365 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 9.090324 | 50.0 | 660213.0 | 0.181806 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 38.050619 | 50.0 | 696852.0 | 0.190253 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 92.376298 | 50.0 | 701503.0 | 0.184753 | Y |






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## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

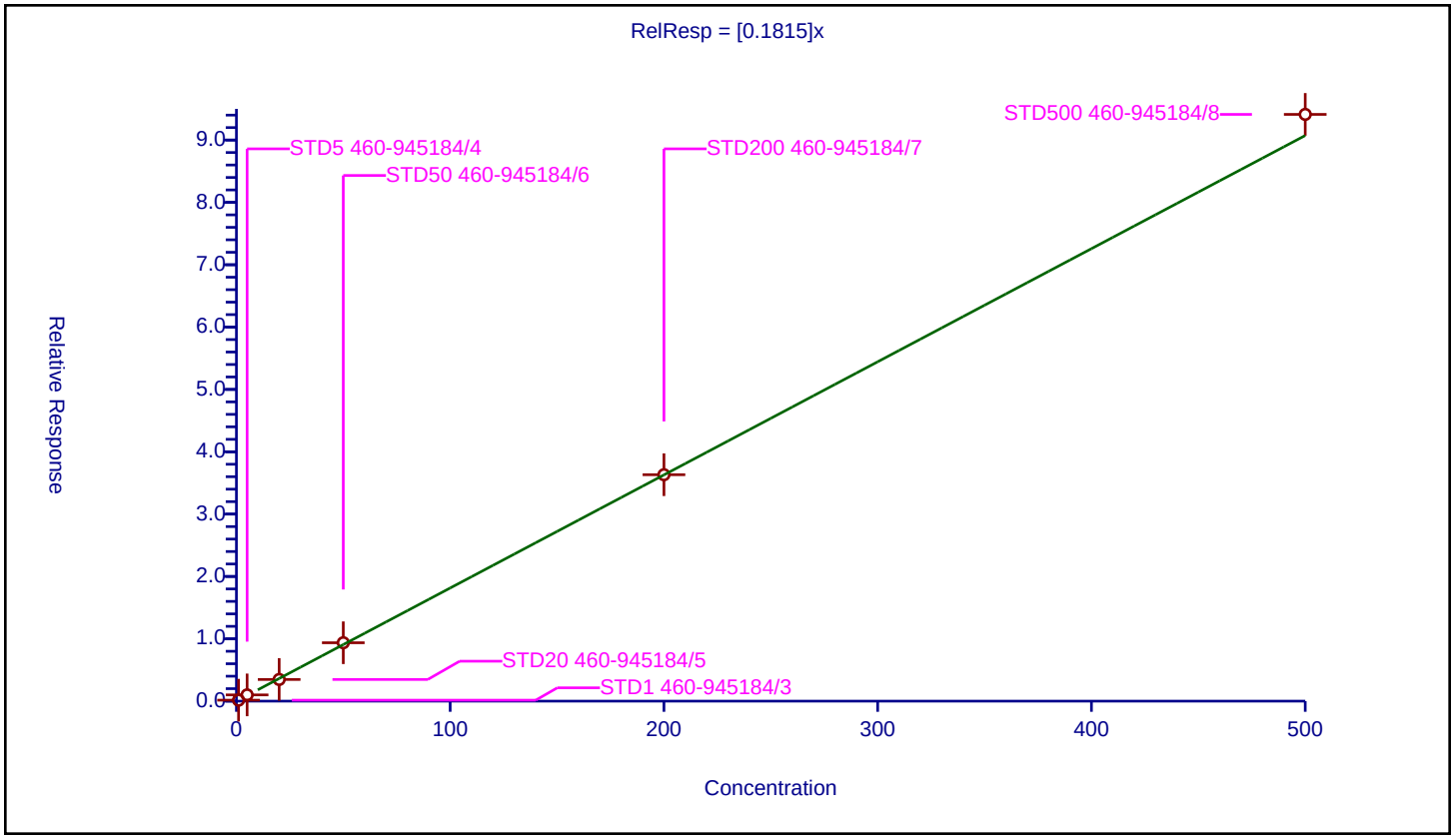
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1815 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 635000 |
| **Relative Standard Error:** | 8.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.157314 | 50.0 | 604842.0 | 0.157314 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.002187 | 50.0 | 607322.0 | 0.200437 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 3.475155 | 50.0 | 654460.0 | 0.173758 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 9.368416 | 50.0 | 660213.0 | 0.187368 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 36.319261 | 50.0 | 696852.0 | 0.181596 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 94.116704 | 50.0 | 701503.0 | 0.188233 | Y |






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## Calibration / Dichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

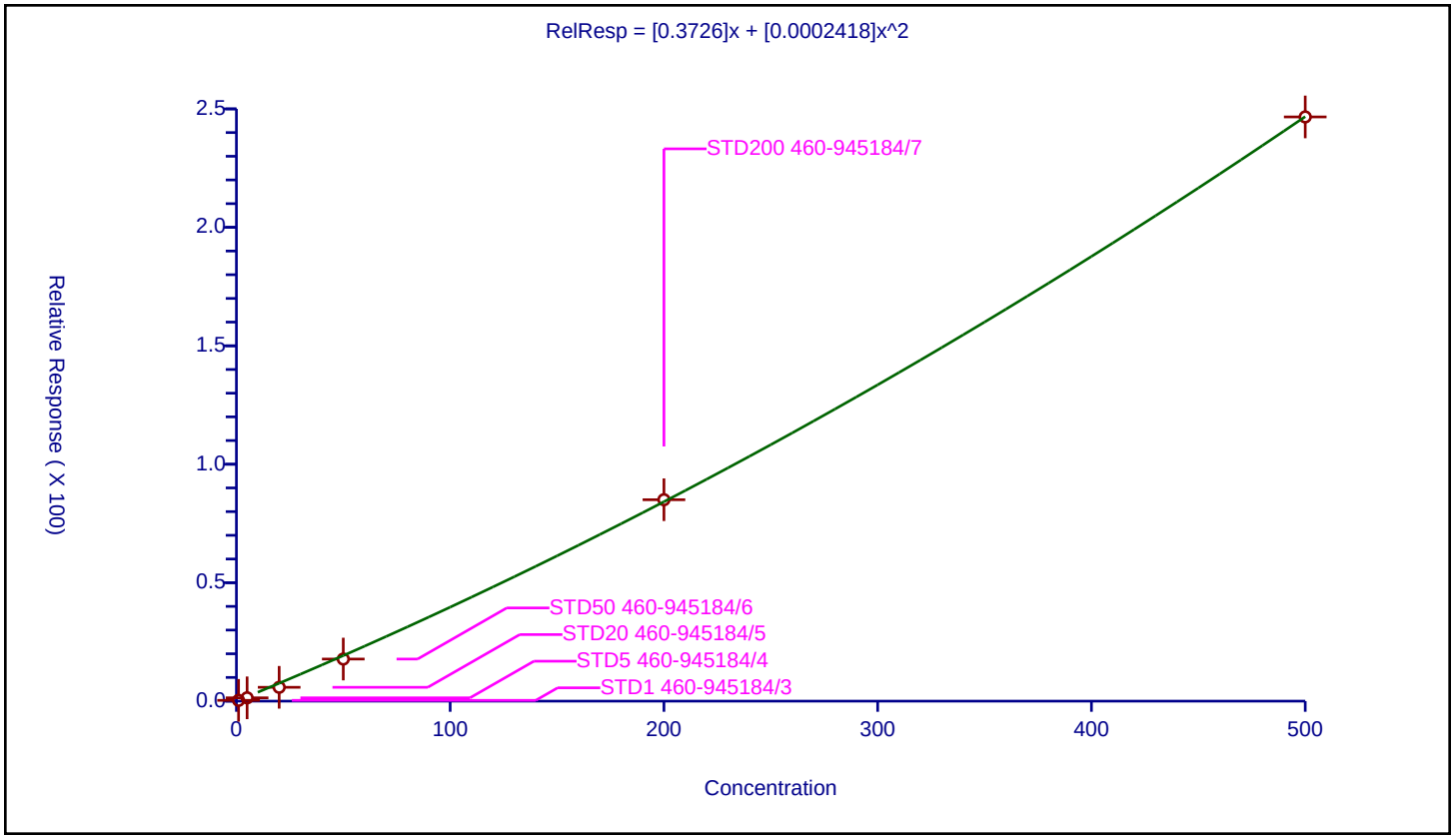
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3726 |
| **Second Order:** | 0.0002418 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1830000 |
| **Relative Standard Error:** | 18.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.330004 | 50.0 | 604842.0 | 0.330004 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.400493 | 50.0 | 607322.0 | 0.280099 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.844055 | 50.0 | 654460.0 | 0.292203 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 17.771537 | 50.0 | 660213.0 | 0.355431 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 85.024941 | 50.0 | 696852.0 | 0.425125 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 246.609209 | 50.0 | 701503.0 | 0.493218 | Y |



## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

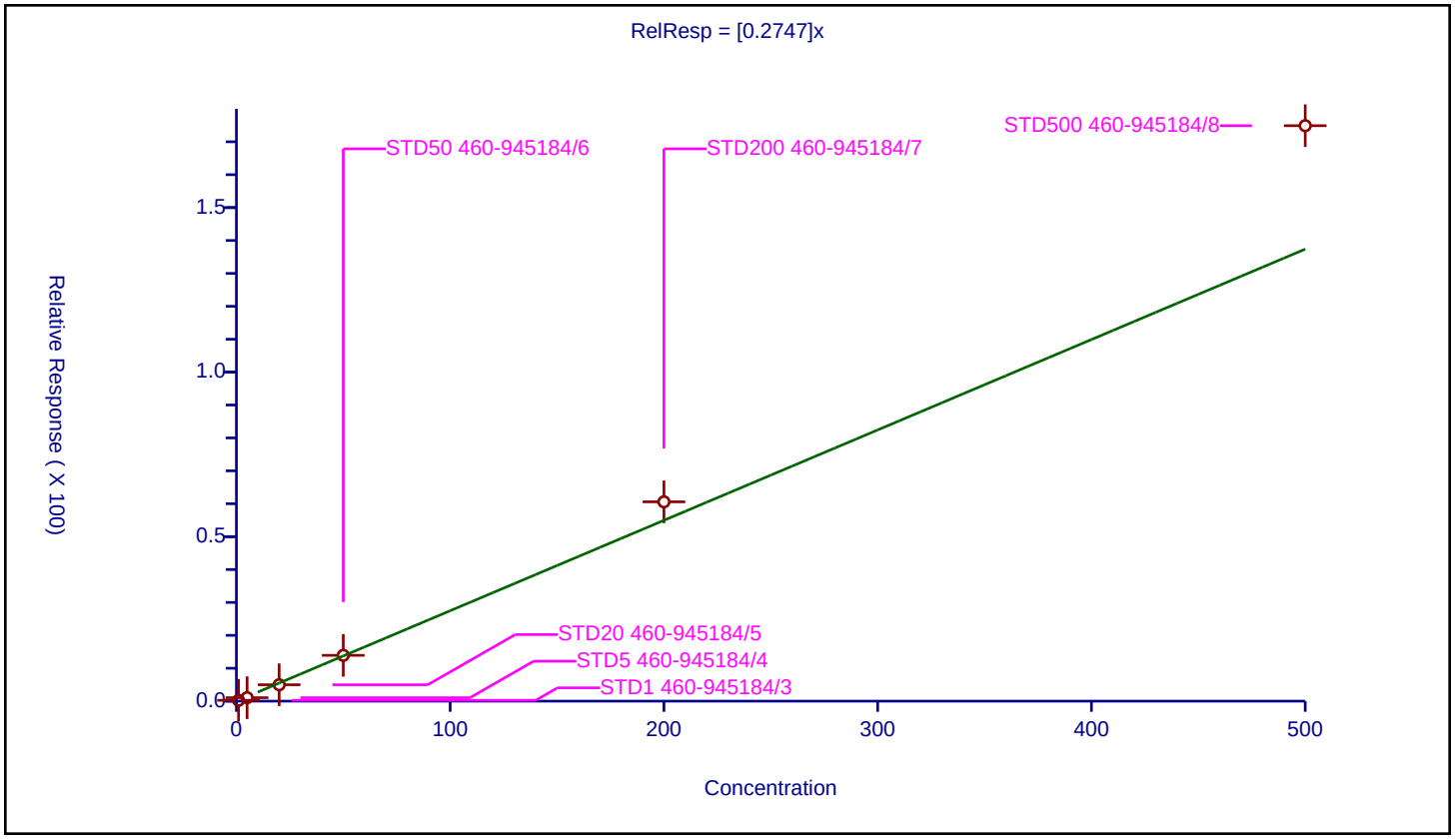
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2747 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1160000 |
| **Relative Standard Error:** | 17.5 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.968 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.258745 | 50.0 | 604842.0 | 0.258745 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.049032 | 50.0 | 607322.0 | 0.209806 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.978608 | 50.0 | 654460.0 | 0.24893 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 13.916872 | 50.0 | 660213.0 | 0.278337 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 60.577425 | 50.0 | 696852.0 | 0.302887 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 174.890343 | 50.0 | 701503.0 | 0.349781 | Y |



## Calibration / Pentane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

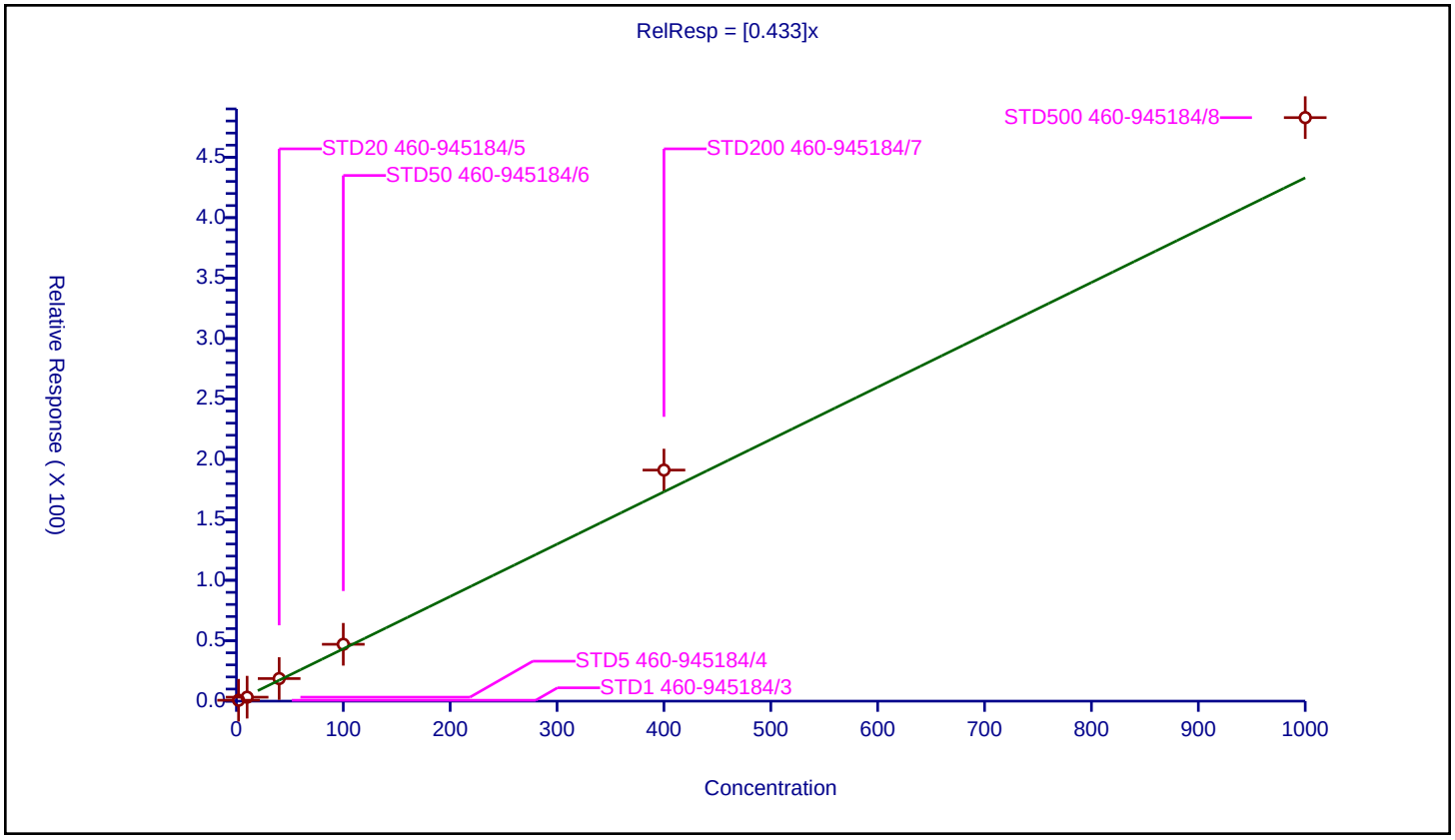
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.433 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3270000 |
| **Relative Standard Error:** | 15.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.976 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 2.0 | 0.746807 | 50.0 | 604842.0 | 0.373403 | Y |
| 2 | STD5 460-945184/4 | 10.0 | 3.266554 | 50.0 | 607322.0 | 0.326655 | Y |
| 3 | STD20 460-945184/5 | 40.0 | 18.667833 | 50.0 | 654460.0 | 0.466696 | Y |
| 4 | STD50 460-945184/6 | 100.0 | 47.041939 | 50.0 | 660213.0 | 0.470419 | Y |
| 5 | STD200 460-945184/7 | 400.0 | 191.166704 | 50.0 | 696852.0 | 0.477917 | Y |
| 6 | STD500 460-945184/8 | 1000.0 | 482.767501 | 50.0 | 701503.0 | 0.482768 | Y |






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## Calibration / Ethanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

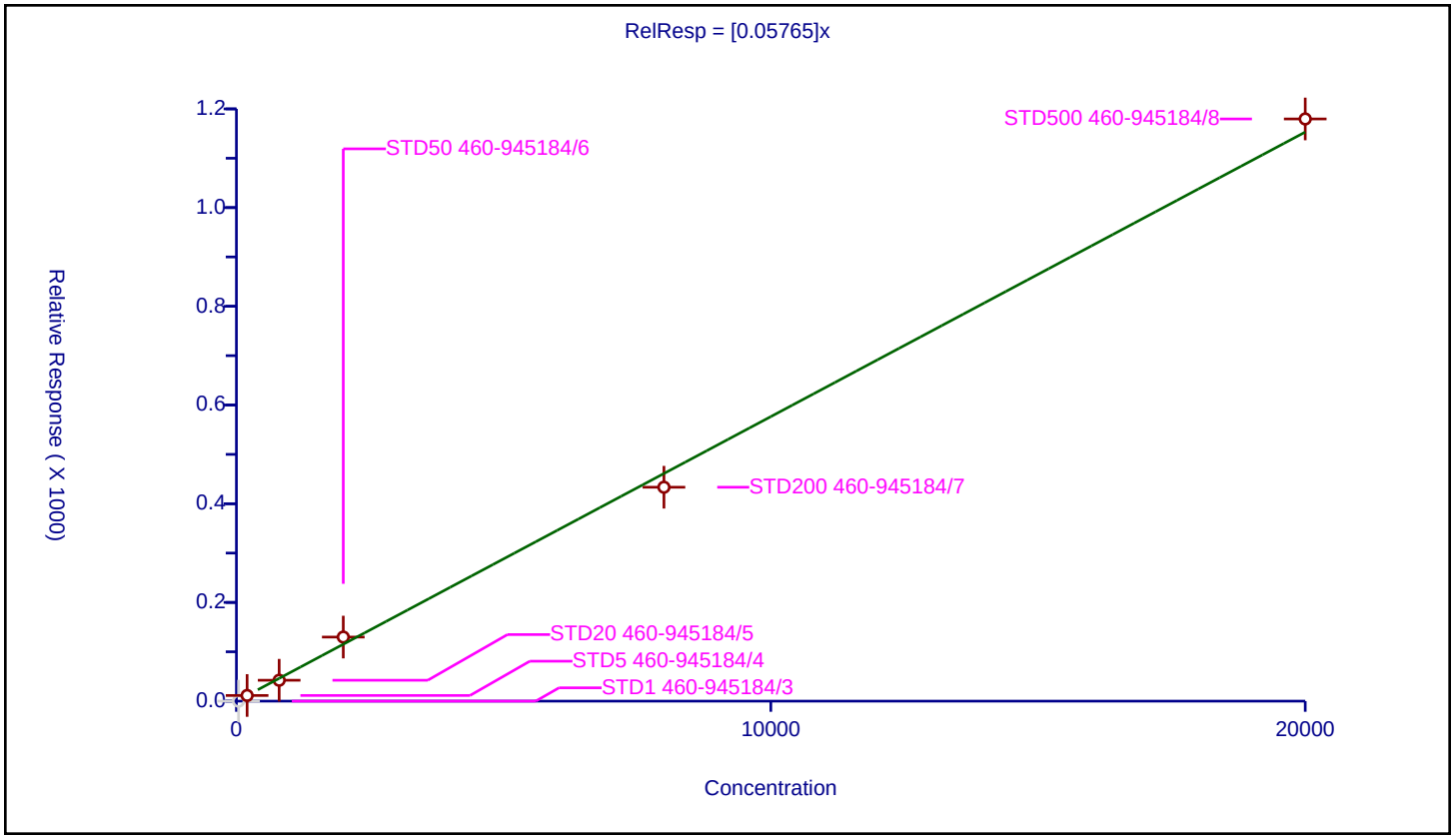
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05765 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 246000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 40.0 | 0.0 | 1000.0 | 331574.0 | 0.0 | N |
| 2 | STD5 460-945184/4 | 200.0 | 11.45473 | 1000.0 | 339685.0 | 0.057274 | Y |
| 3 | STD20 460-945184/5 | 800.0 | 42.318247 | 1000.0 | 380805.0 | 0.052898 | Y |
| 4 | STD50 460-945184/6 | 2000.0 | 129.837312 | 1000.0 | 335181.0 | 0.064919 | Y |
| 5 | STD200 460-945184/7 | 8000.0 | 433.444892 | 1000.0 | 358853.0 | 0.054181 | Y |
| 6 | STD500 460-945184/8 | 20000.0 | 1179.589709 | 1000.0 | 395134.0 | 0.058979 | Y |






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## Calibration / Ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

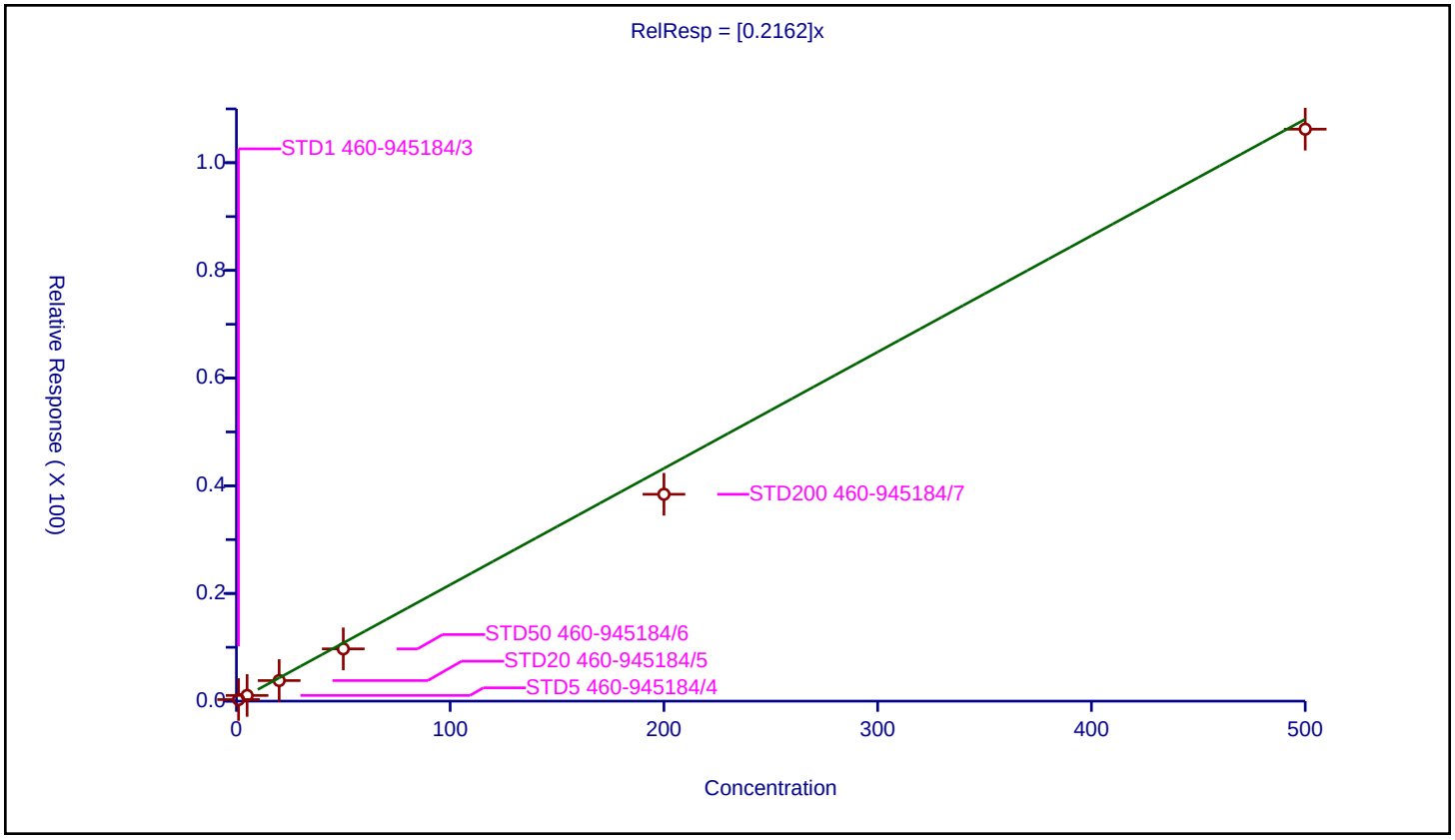
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2162 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 711000 |
| **Relative Standard Error:** | 18.6 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.952 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.295862 | 50.0 | 604842.0 | 0.295862 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.055947 | 50.0 | 607322.0 | 0.211189 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 3.823076 | 50.0 | 654460.0 | 0.191154 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 9.70664 | 50.0 | 660213.0 | 0.194133 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 38.419779 | 50.0 | 696852.0 | 0.192099 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 106.232119 | 50.0 | 701503.0 | 0.212464 | Y |



## Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

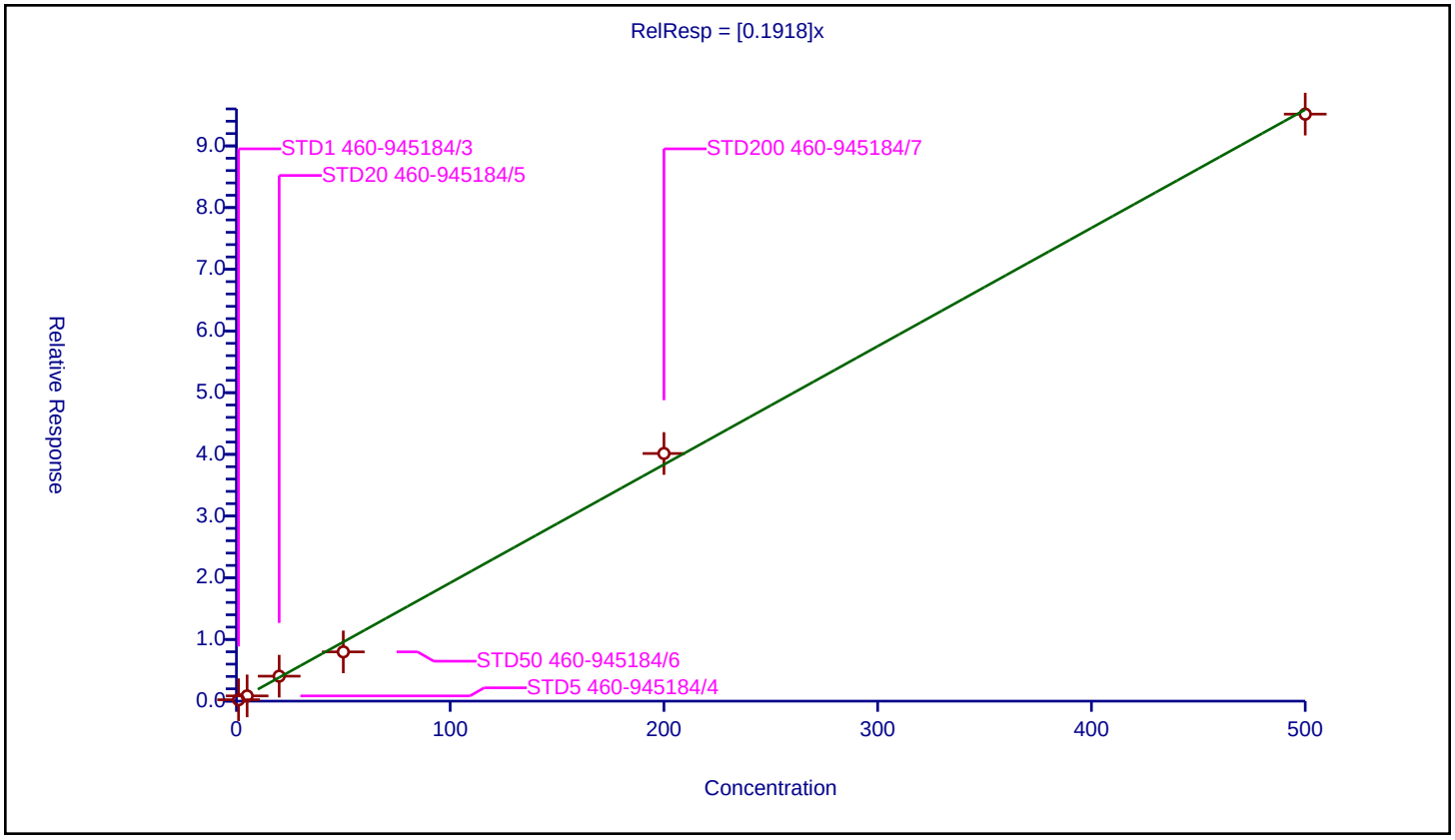
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1918 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 649000 |
| **Relative Standard Error:** | 12.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.980 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.227911 | 50.0 | 604842.0 | 0.227911 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.847491 | 50.0 | 607322.0 | 0.169498 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.048299 | 50.0 | 654460.0 | 0.202415 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 7.986211 | 50.0 | 660213.0 | 0.159724 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 40.142455 | 50.0 | 696852.0 | 0.200712 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 95.151624 | 50.0 | 701503.0 | 0.190303 | Y |






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## 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 |

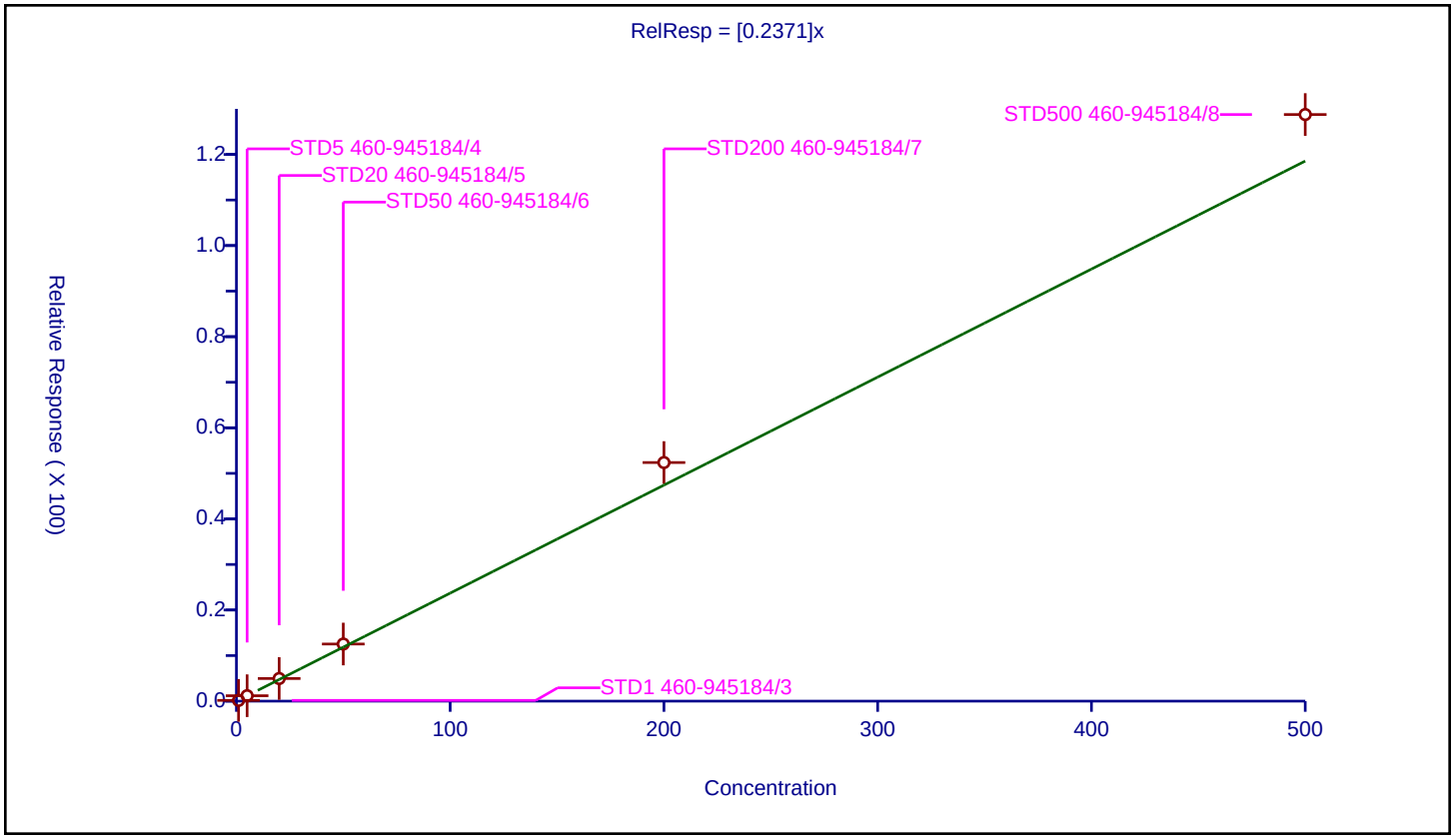
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2371 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 875000 |
| **Relative Standard Error:** | 15.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.166242 | 50.0 | 604842.0 | 0.166242 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.190143 | 50.0 | 607322.0 | 0.238029 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.963711 | 50.0 | 654460.0 | 0.248186 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 12.53497 | 50.0 | 660213.0 | 0.250699 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 52.372024 | 50.0 | 696852.0 | 0.26186 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 128.762528 | 50.0 | 701503.0 | 0.257525 | Y |






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## Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

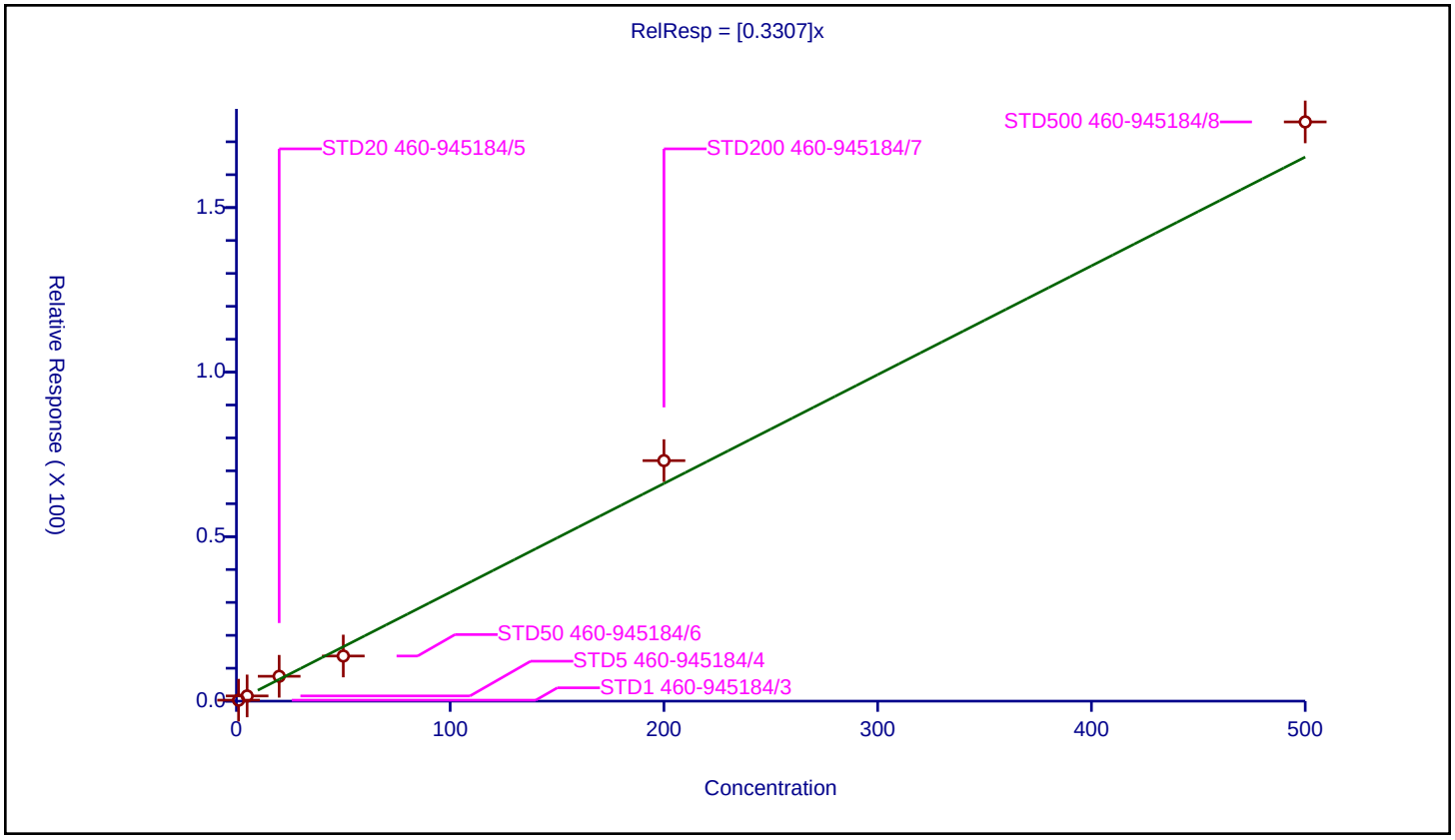
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3307 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1200000 |
| **Relative Standard Error:** | 12.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.298342 | 50.0 | 604842.0 | 0.298342 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.581039 | 50.0 | 607322.0 | 0.316208 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 7.55898 | 50.0 | 654460.0 | 0.377949 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 13.717391 | 50.0 | 660213.0 | 0.274348 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 73.102754 | 50.0 | 696852.0 | 0.365514 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 176.039375 | 50.0 | 701503.0 | 0.352079 | Y |






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## Calibration / Acrolein

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

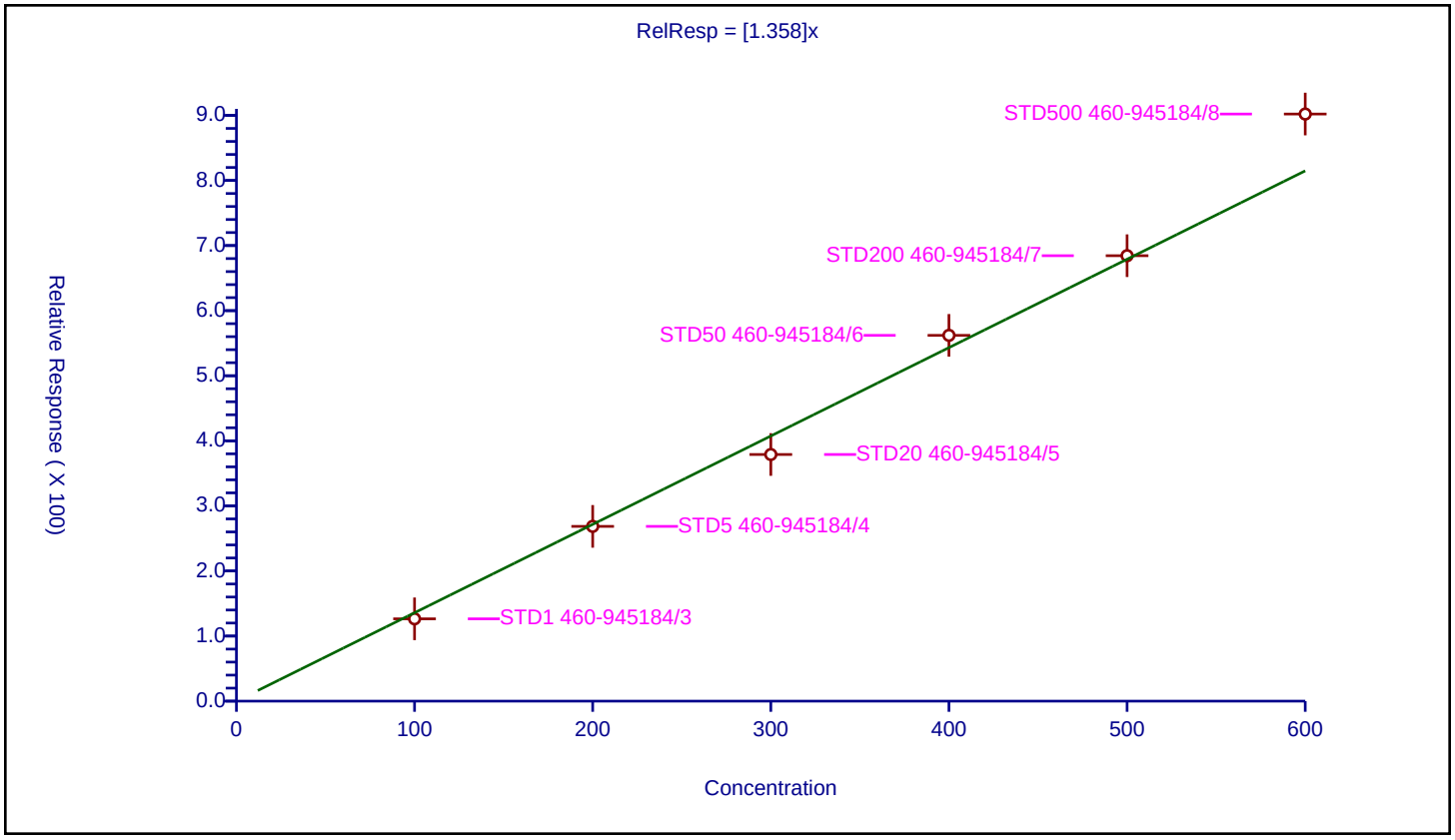
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.358 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 225000 |
| **Relative Standard Error:** | 6.7 |
| **Correlation Coefficient:** | 0.970 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 100.0 | 126.478554 | 1000.0 | 331574.0 | 1.264786 | Y |
| 2 | STD5 460-945184/4 | 200.0 | 268.528195 | 1000.0 | 339685.0 | 1.342641 | Y |
| 3 | STD20 460-945184/5 | 300.0 | 378.955108 | 1000.0 | 380805.0 | 1.263184 | Y |
| 4 | STD50 460-945184/6 | 400.0 | 562.027681 | 1000.0 | 335181.0 | 1.405069 | Y |
| 5 | STD200 460-945184/7 | 500.0 | 684.430672 | 1000.0 | 358853.0 | 1.368861 | Y |
| 6 | STD500 460-945184/8 | 600.0 | 902.08385 | 1000.0 | 395134.0 | 1.503473 | Y |






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## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

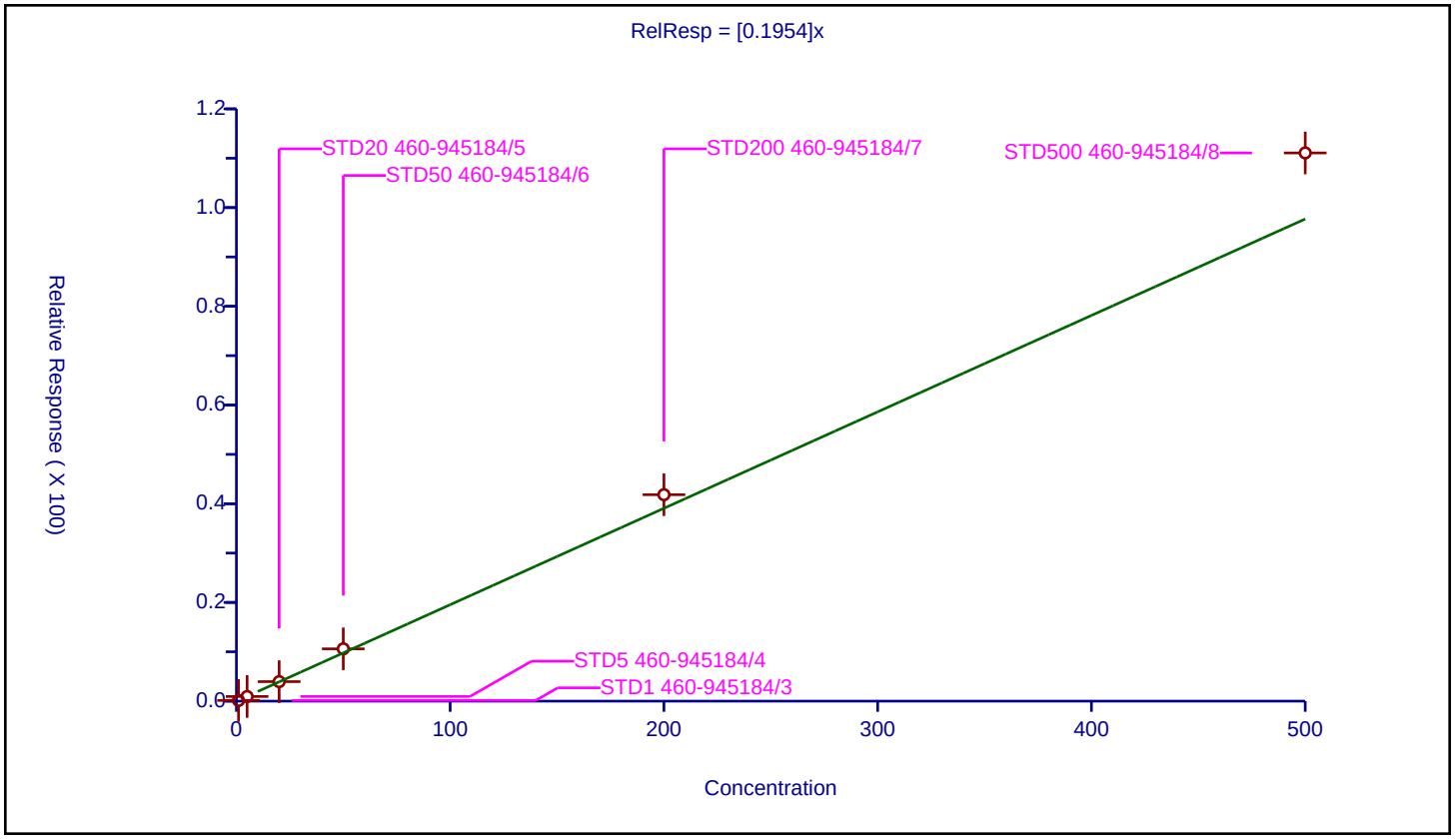
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1954 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 747000 |
| **Relative Standard Error:** | 14.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.980 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.142599 | 50.0 | 604842.0 | 0.142599 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.944063 | 50.0 | 607322.0 | 0.188813 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 3.95196 | 50.0 | 654460.0 | 0.197598 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 10.598322 | 50.0 | 660213.0 | 0.211966 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 41.829973 | 50.0 | 696852.0 | 0.20915 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 111.073153 | 50.0 | 701503.0 | 0.222146 | 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 |

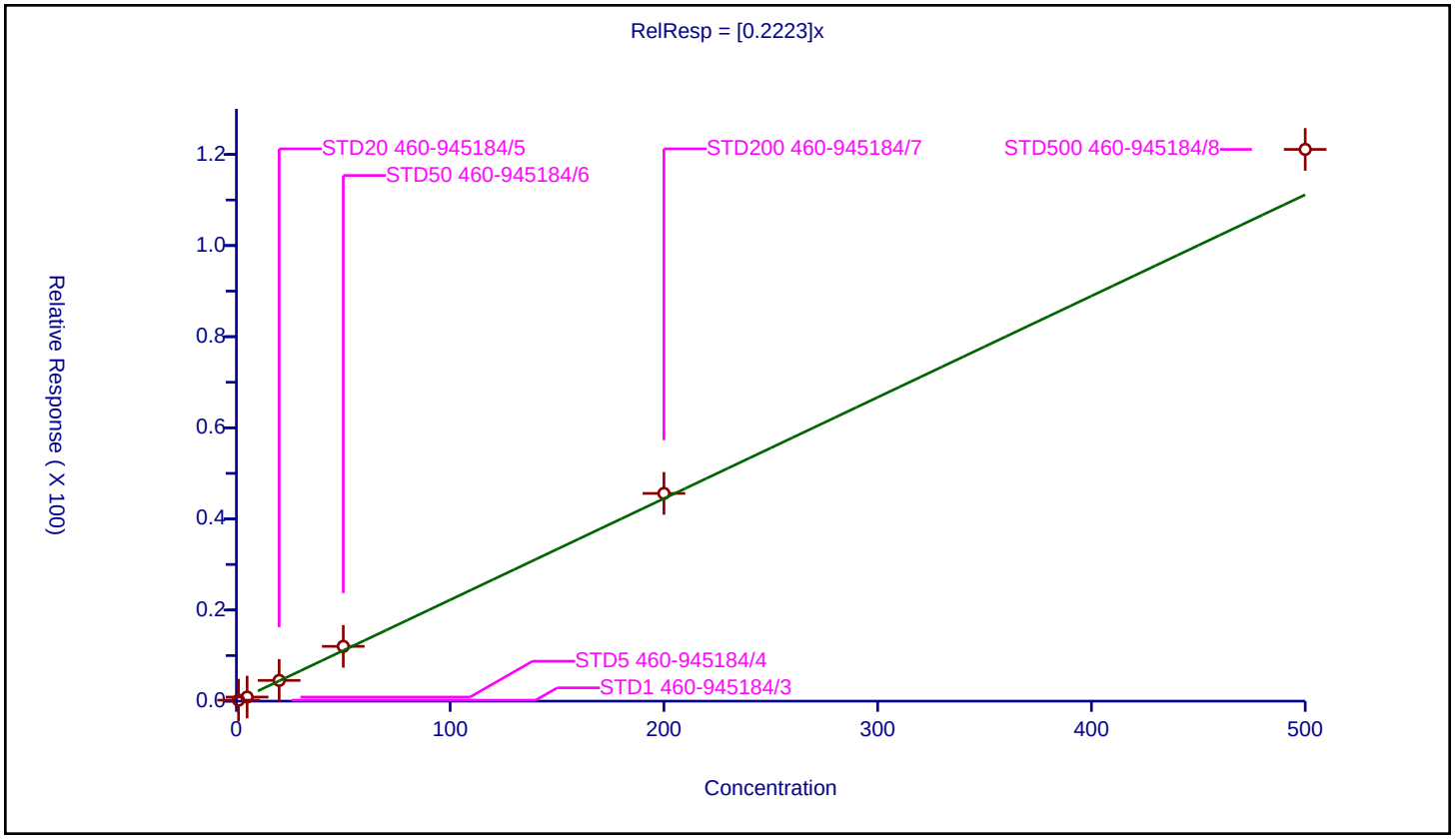
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2223 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 815000 |
| **Relative Standard Error:** | 10.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.216007 | 50.0 | 604842.0 | 0.216007 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.898206 | 50.0 | 607322.0 | 0.179641 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.553296 | 50.0 | 654460.0 | 0.227665 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 12.020363 | 50.0 | 660213.0 | 0.240407 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 45.595478 | 50.0 | 696852.0 | 0.227977 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 121.106538 | 50.0 | 701503.0 | 0.242213 | Y |






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## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

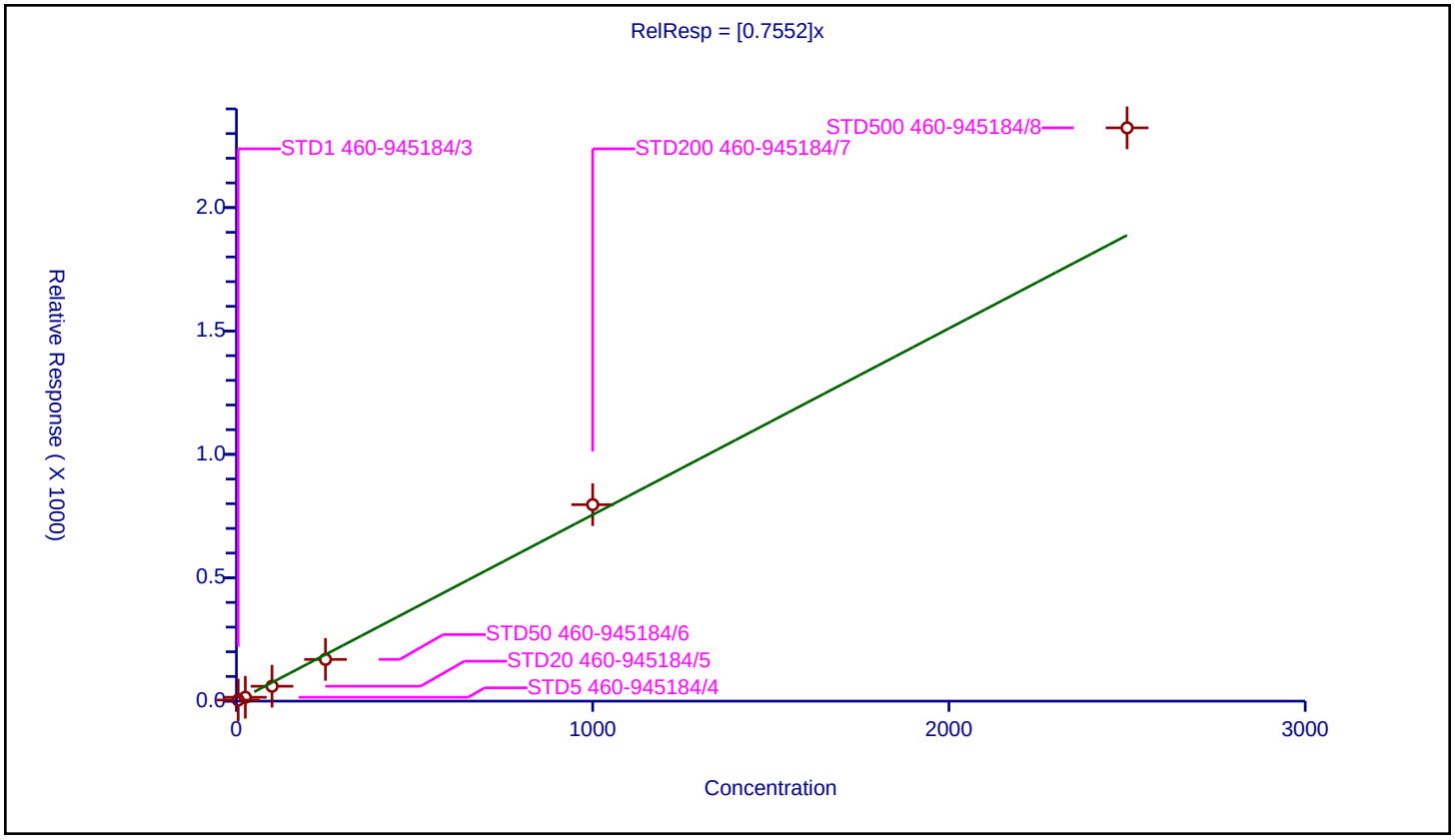
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7552 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1710000 |
| **Relative Standard Error:** | 18.6 |
| **Correlation Coefficient:** | 0.990 |
| **Coefficient of Determination (Adjusted):** | 0.959 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 5.0 | 4.497238 | 250.0 | 311191.0 | 0.899448 | Y |
| 2 | STD5 460-945184/4 | 25.0 | 15.659043 | 250.0 | 315776.0 | 0.626362 | Y |
| 3 | STD20 460-945184/5 | 100.0 | 60.374731 | 250.0 | 358631.0 | 0.603747 | Y |
| 4 | STD50 460-945184/6 | 250.0 | 169.021378 | 250.0 | 335993.0 | 0.676086 | Y |
| 5 | STD200 460-945184/7 | 1000.0 | 796.261746 | 250.0 | 346512.0 | 0.796262 | Y |
| 6 | STD500 460-945184/8 | 2500.0 | 2323.18676 | 250.0 | 394501.0 | 0.929275 | Y |






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## Calibration / Iodomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

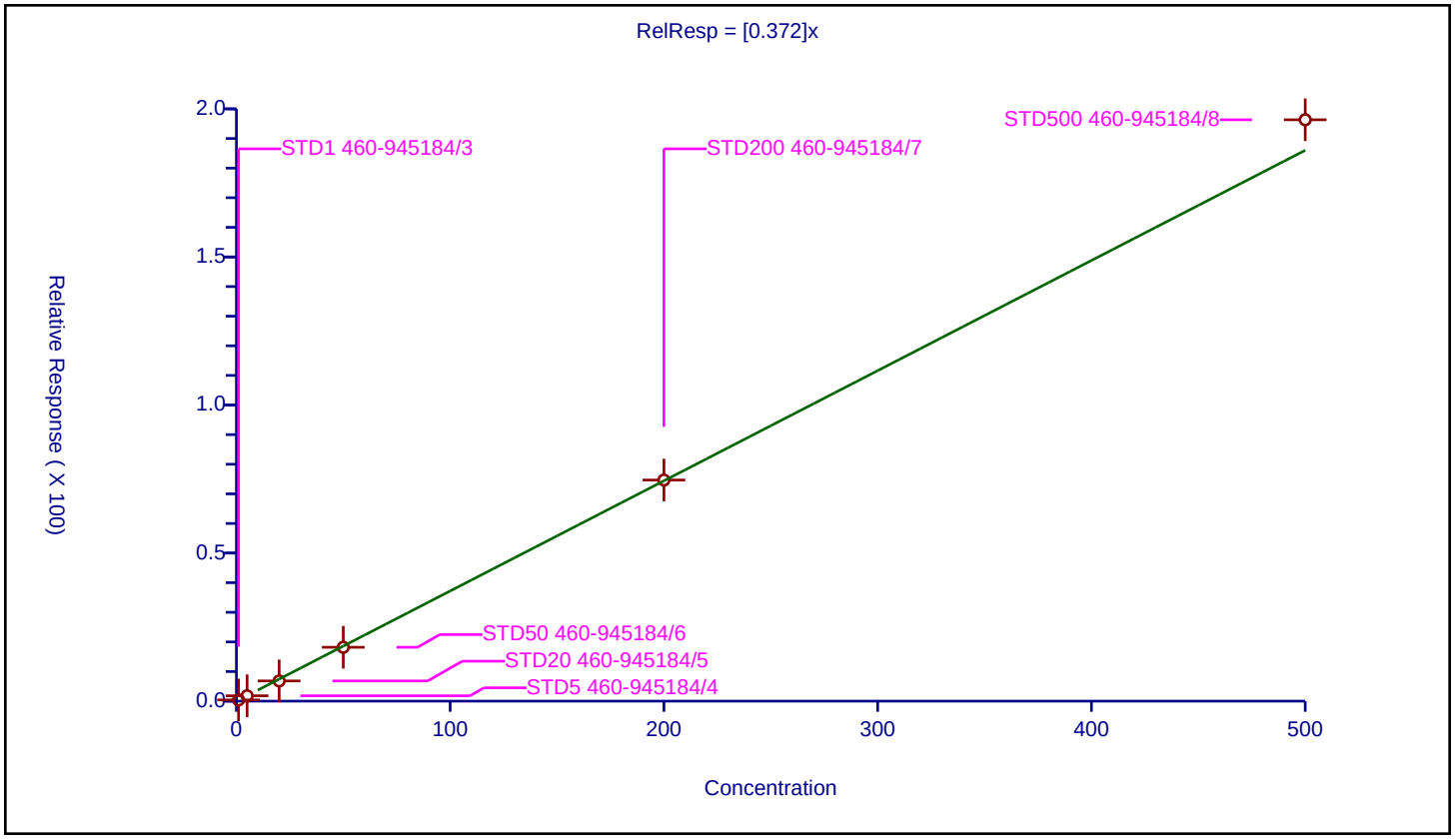
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.372 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1320000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.398038 | 50.0 | 604842.0 | 0.398038 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.815264 | 50.0 | 607322.0 | 0.363053 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 6.823794 | 50.0 | 654460.0 | 0.34119 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 18.192235 | 50.0 | 660213.0 | 0.363845 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 74.667433 | 50.0 | 696852.0 | 0.373337 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 196.324107 | 50.0 | 701503.0 | 0.392648 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

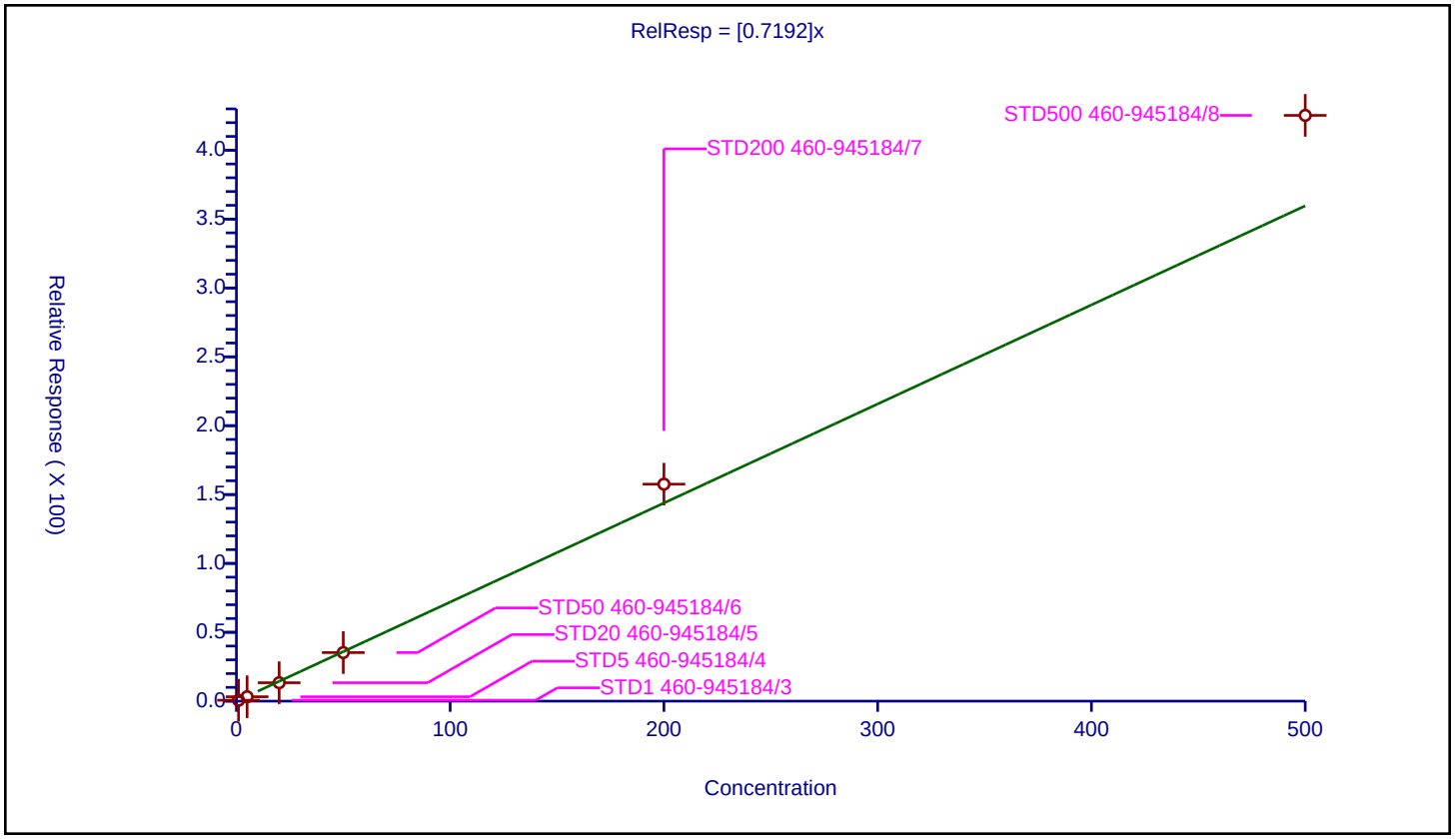
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7192 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2850000 |
| **Relative Standard Error:** | 11.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.66538 | 50.0 | 604842.0 | 0.66538 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.189165 | 50.0 | 607322.0 | 0.637833 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 13.374079 | 50.0 | 654460.0 | 0.668704 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 35.25332 | 50.0 | 660213.0 | 0.705066 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 157.529217 | 50.0 | 696852.0 | 0.787646 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 425.287347 | 50.0 | 701503.0 | 0.850575 | Y |



## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

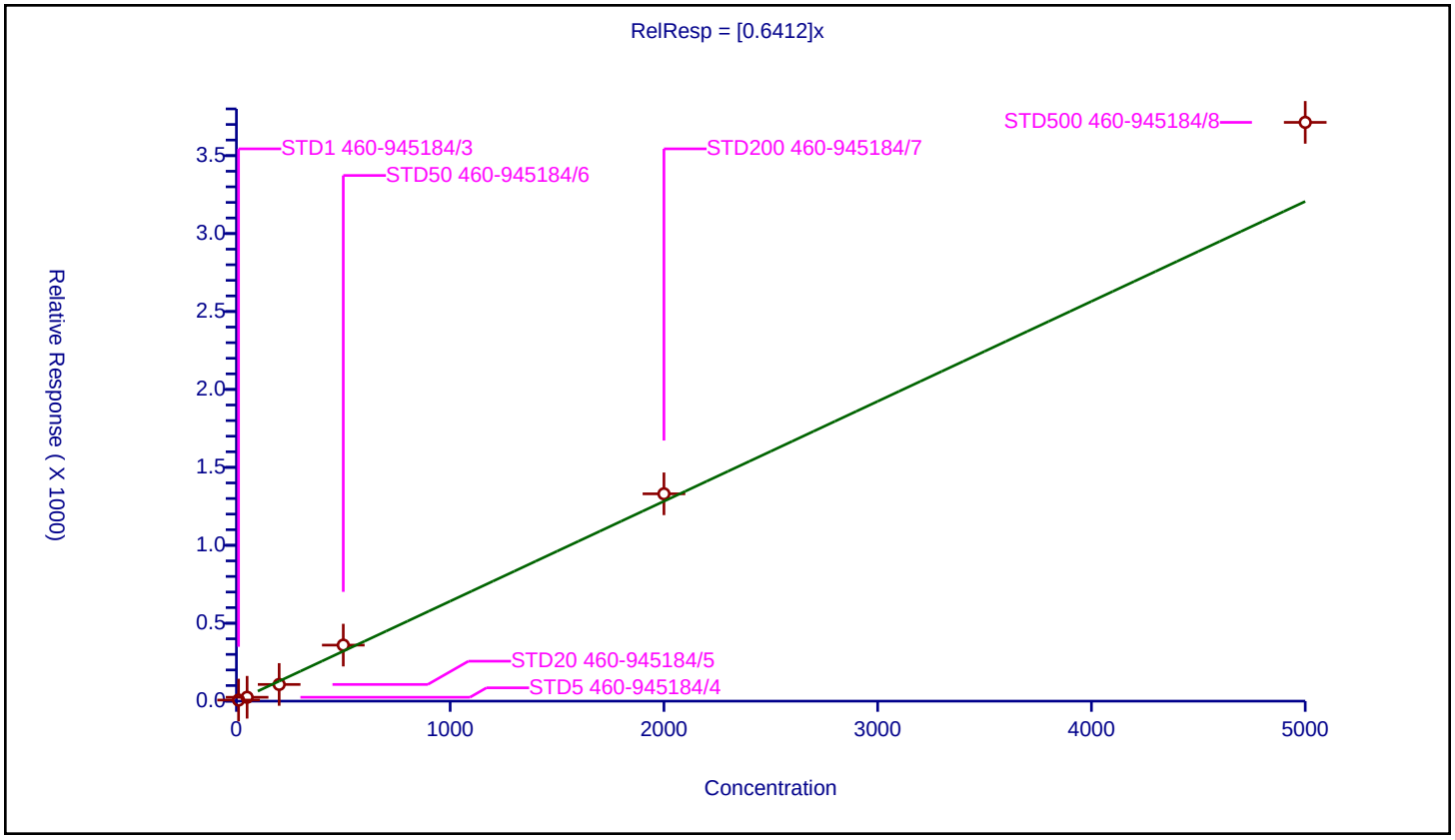
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6412 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 691000 |
| **Relative Standard Error:** | 15.7 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.973 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 10.0 | 6.876293 | 1000.0 | 331574.0 | 0.687629 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 24.908371 | 1000.0 | 339685.0 | 0.498167 | Y |
| 3 | STD20 460-945184/5 | 200.0 | 106.989141 | 1000.0 | 380805.0 | 0.534946 | Y |
| 4 | STD50 460-945184/6 | 500.0 | 359.396863 | 1000.0 | 335181.0 | 0.718794 | Y |
| 5 | STD200 460-945184/7 | 2000.0 | 1330.246647 | 1000.0 | 358853.0 | 0.665123 | Y |
| 6 | STD500 460-945184/8 | 5000.0 | 3713.514909 | 1000.0 | 395134.0 | 0.742703 | Y |






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## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

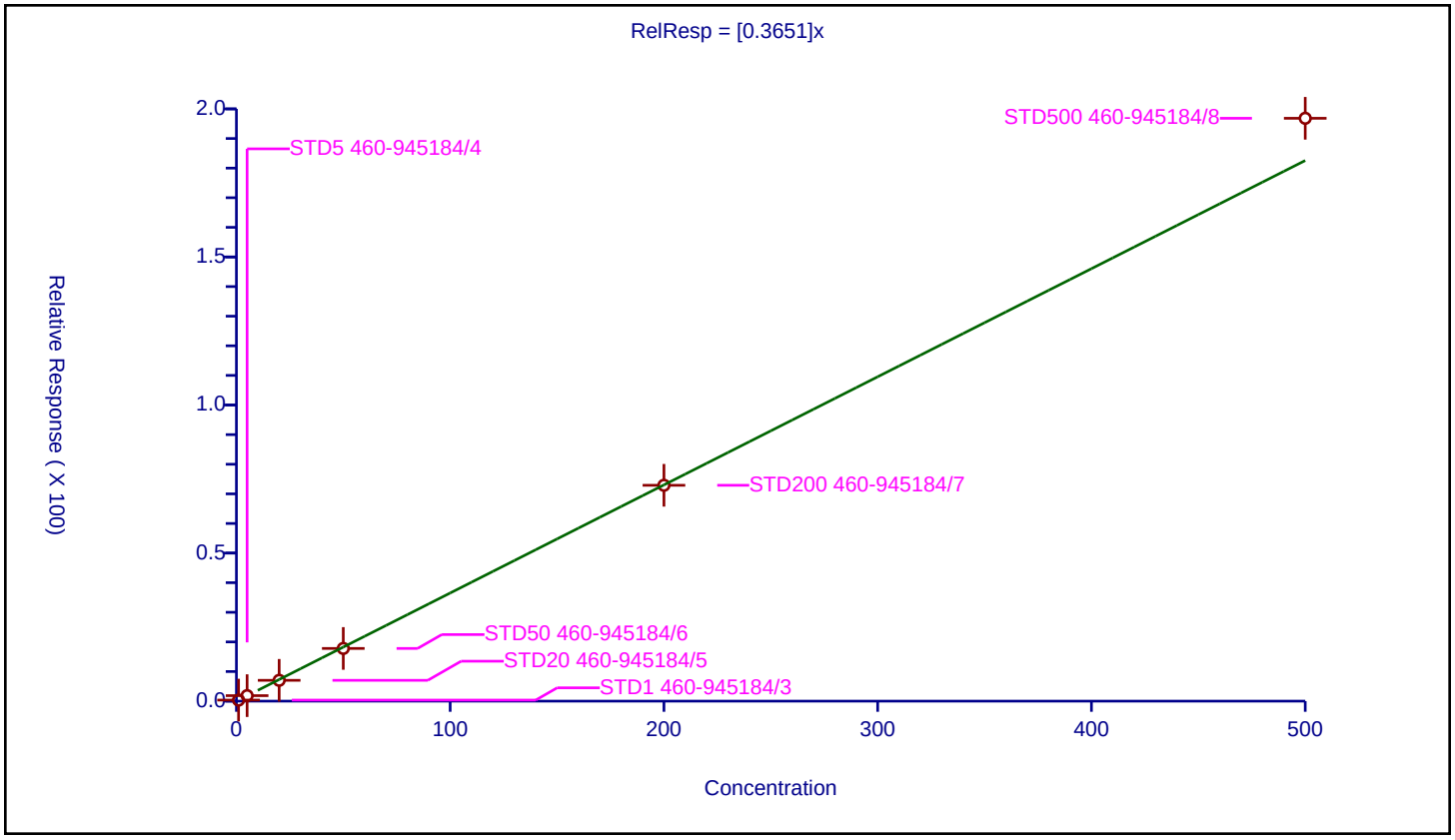
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3651 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1320000 |
| **Relative Standard Error:** | 4.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.353646 | 50.0 | 604842.0 | 0.353646 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.857334 | 50.0 | 607322.0 | 0.371467 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 7.030911 | 50.0 | 654460.0 | 0.351546 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 17.795772 | 50.0 | 660213.0 | 0.355915 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 72.897904 | 50.0 | 696852.0 | 0.36449 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 196.824319 | 50.0 | 701503.0 | 0.393649 | Y |



## Calibration / Methyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

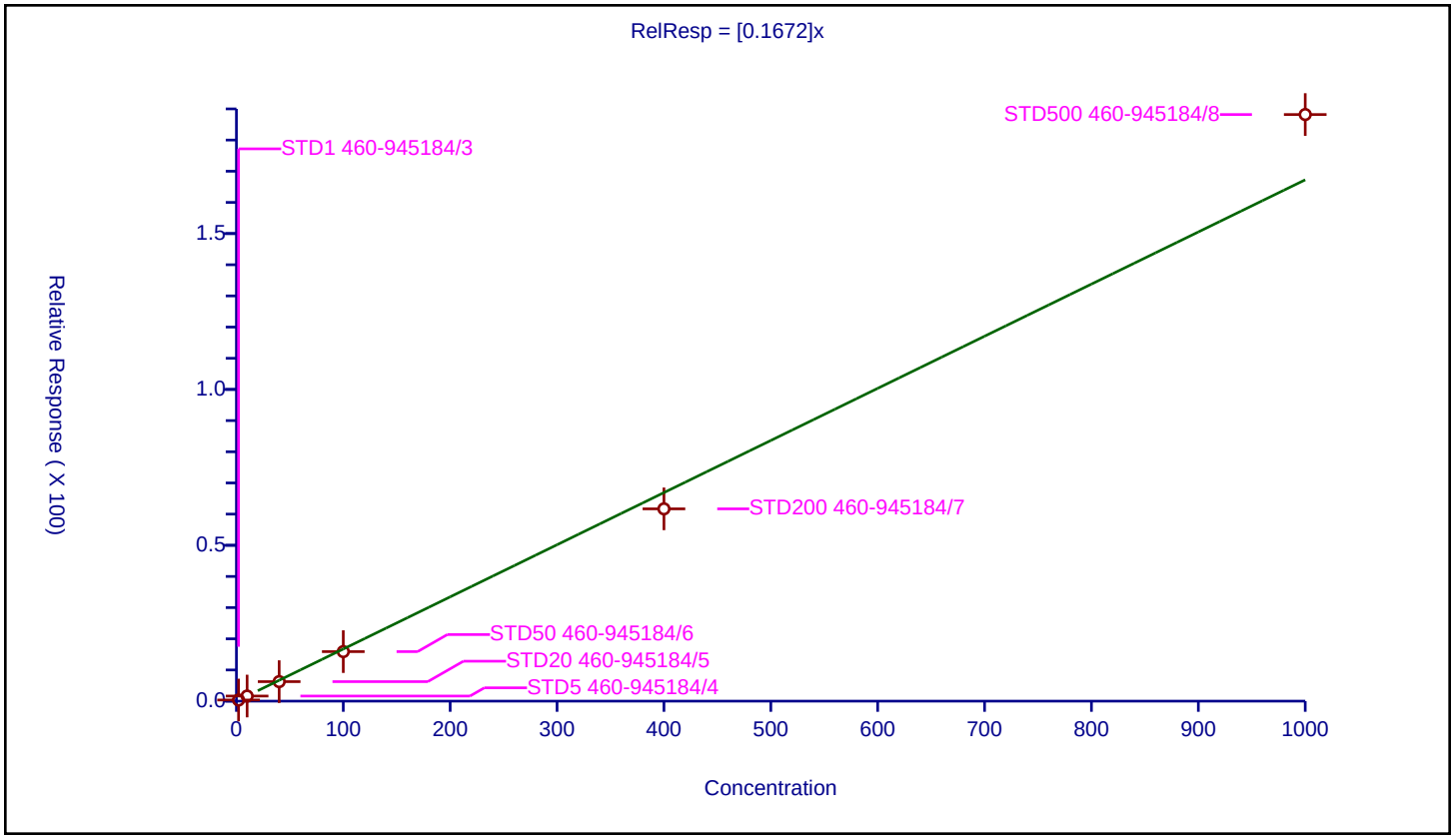
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1672 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1250000 |
| **Relative Standard Error:** | 8.6 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 2.0 | 0.364475 | 50.0 | 604842.0 | 0.182238 | Y |
| 2 | STD5 460-945184/4 | 10.0 | 1.633565 | 50.0 | 607322.0 | 0.163357 | Y |
| 3 | STD20 460-945184/5 | 40.0 | 6.262415 | 50.0 | 654460.0 | 0.15656 | Y |
| 4 | STD50 460-945184/6 | 100.0 | 15.888887 | 50.0 | 660213.0 | 0.158889 | Y |
| 5 | STD200 460-945184/7 | 400.0 | 61.690359 | 50.0 | 696852.0 | 0.154226 | Y |
| 6 | STD500 460-945184/8 | 1000.0 | 188.18494 | 50.0 | 701503.0 | 0.188185 | Y |



## Calibration / Acetonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

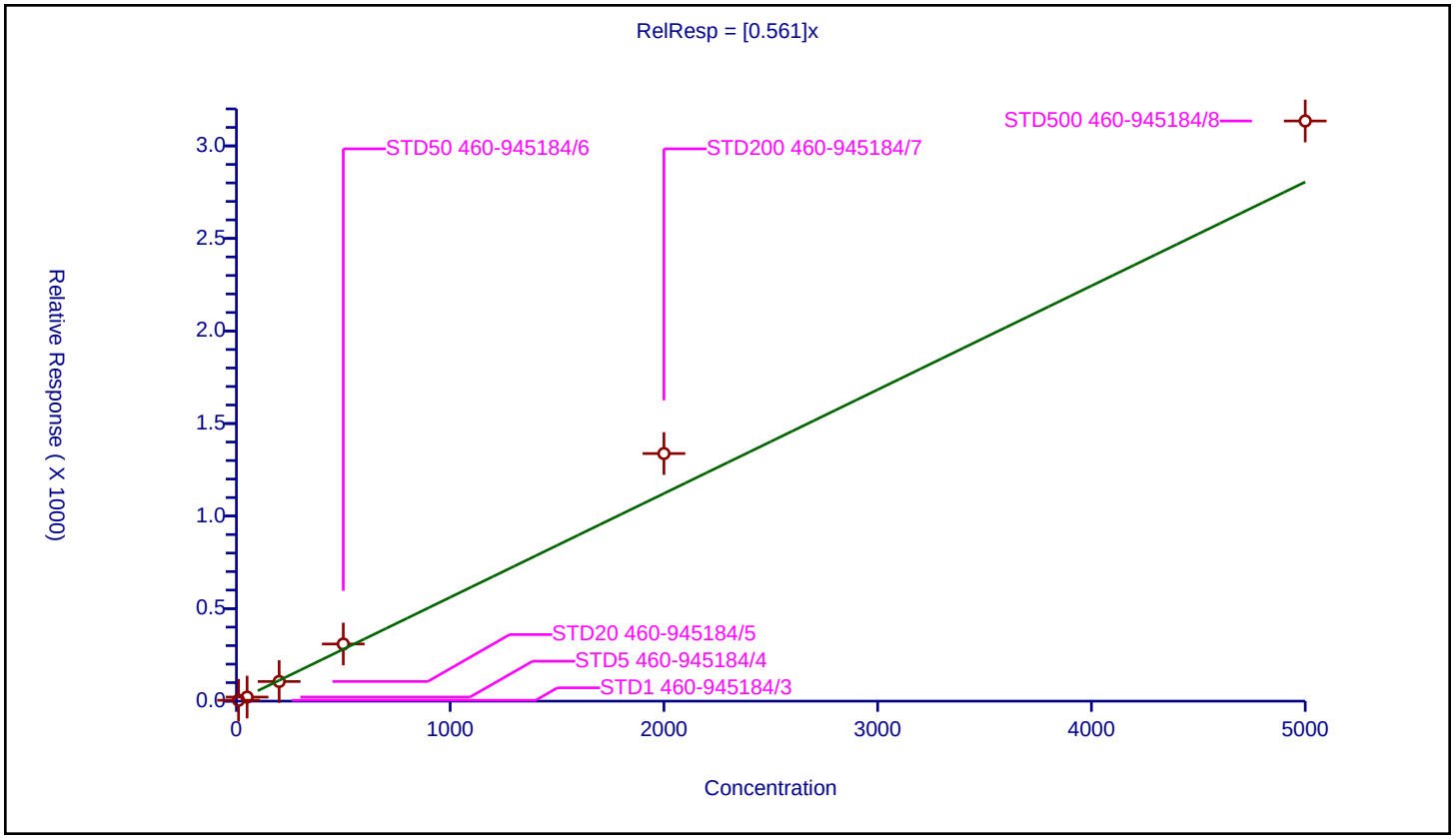
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.561 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 595000 |
| **Relative Standard Error:** | 16.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.974 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 10.0 | 4.819437 | 1000.0 | 331574.0 | 0.481944 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 21.993906 | 1000.0 | 339685.0 | 0.439878 | Y |
| 3 | STD20 460-945184/5 | 200.0 | 106.135686 | 1000.0 | 380805.0 | 0.530678 | Y |
| 4 | STD50 460-945184/6 | 500.0 | 308.812254 | 1000.0 | 335181.0 | 0.617625 | Y |
| 5 | STD200 460-945184/7 | 2000.0 | 1337.806846 | 1000.0 | 358853.0 | 0.668903 | Y |
| 6 | STD500 460-945184/8 | 5000.0 | 3134.701139 | 1000.0 | 395134.0 | 0.62694 | Y |






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## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

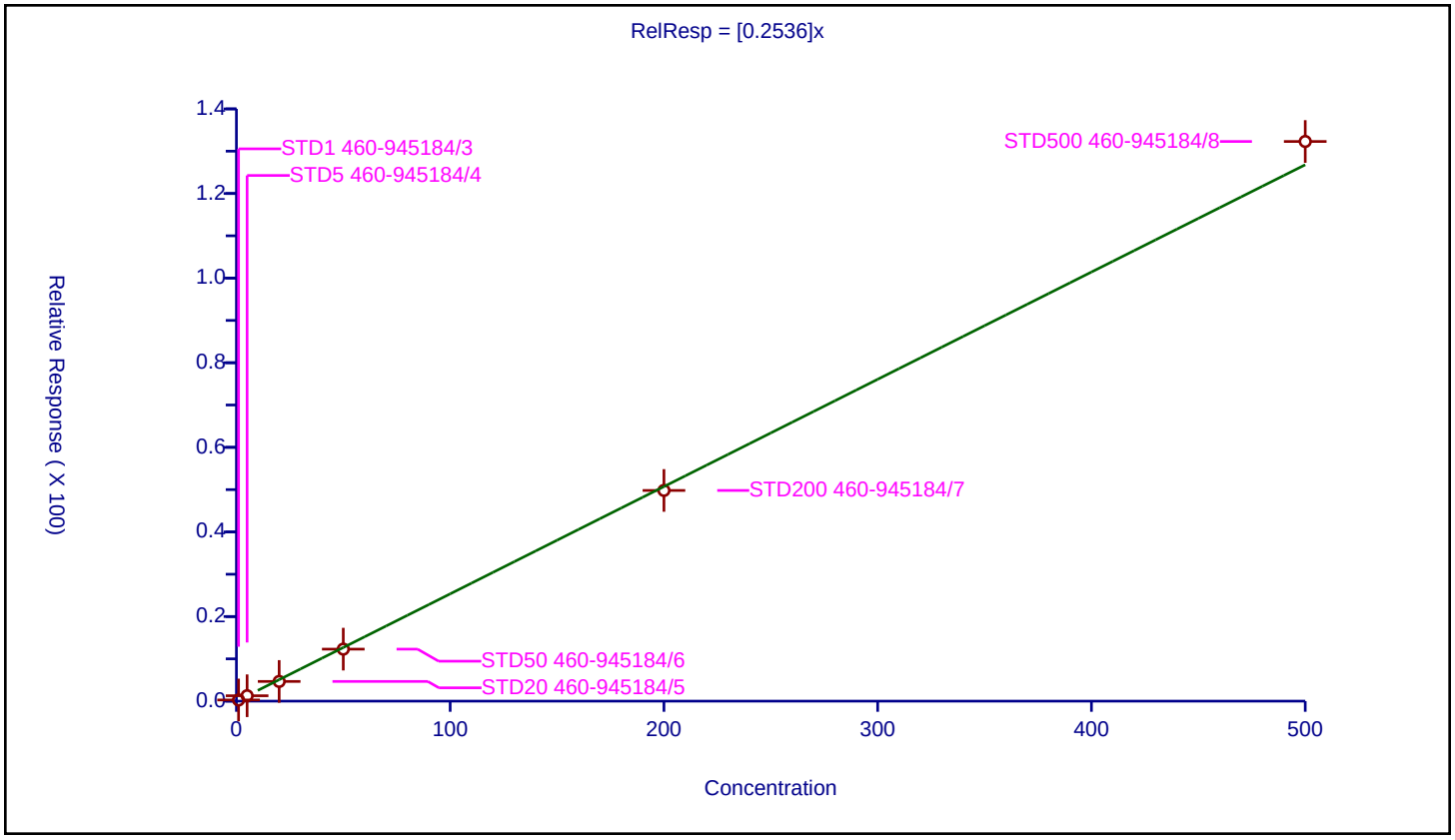
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2536 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 890000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.274039 | 50.0 | 604842.0 | 0.274039 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.275847 | 50.0 | 607322.0 | 0.255169 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.655441 | 50.0 | 654460.0 | 0.232772 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 12.295805 | 50.0 | 660213.0 | 0.245916 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 49.804406 | 50.0 | 696852.0 | 0.249022 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 132.296726 | 50.0 | 701503.0 | 0.264593 | Y |






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## Calibration / 2-Methyl-2-propanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

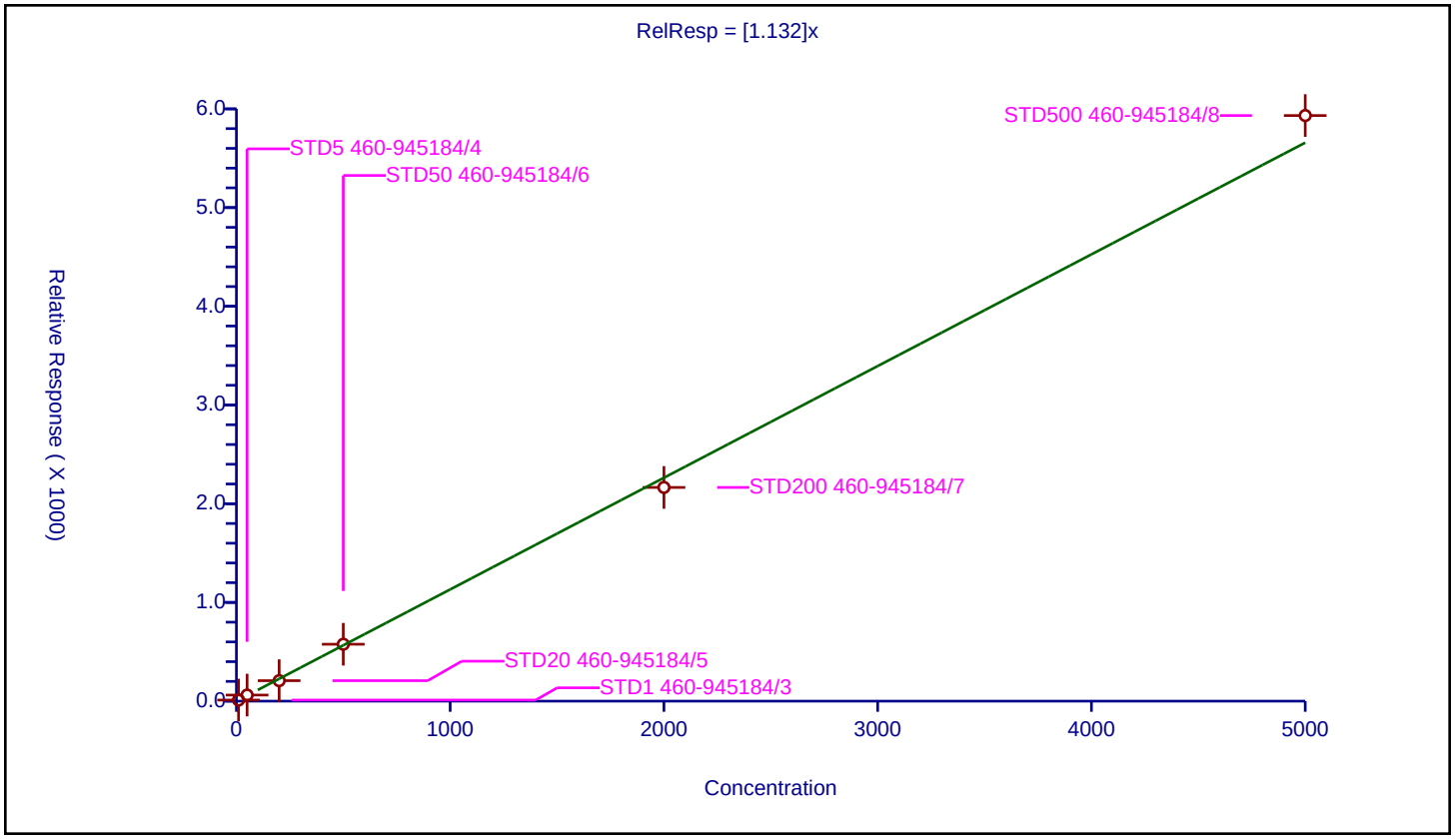
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.132 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1110000 |
| **Relative Standard Error:** | 6.4 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 10.0 | 10.959846 | 1000.0 | 331574.0 | 1.095985 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 61.70717 | 1000.0 | 339685.0 | 1.234143 | Y |
| 3 | STD20 460-945184/5 | 200.0 | 207.489397 | 1000.0 | 380805.0 | 1.037447 | Y |
| 4 | STD50 460-945184/6 | 500.0 | 576.360235 | 1000.0 | 335181.0 | 1.15272 | Y |
| 5 | STD200 460-945184/7 | 2000.0 | 2164.917111 | 1000.0 | 358853.0 | 1.082459 | Y |
| 6 | STD500 460-945184/8 | 5000.0 | 5932.539341 | 1000.0 | 395134.0 | 1.186508 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

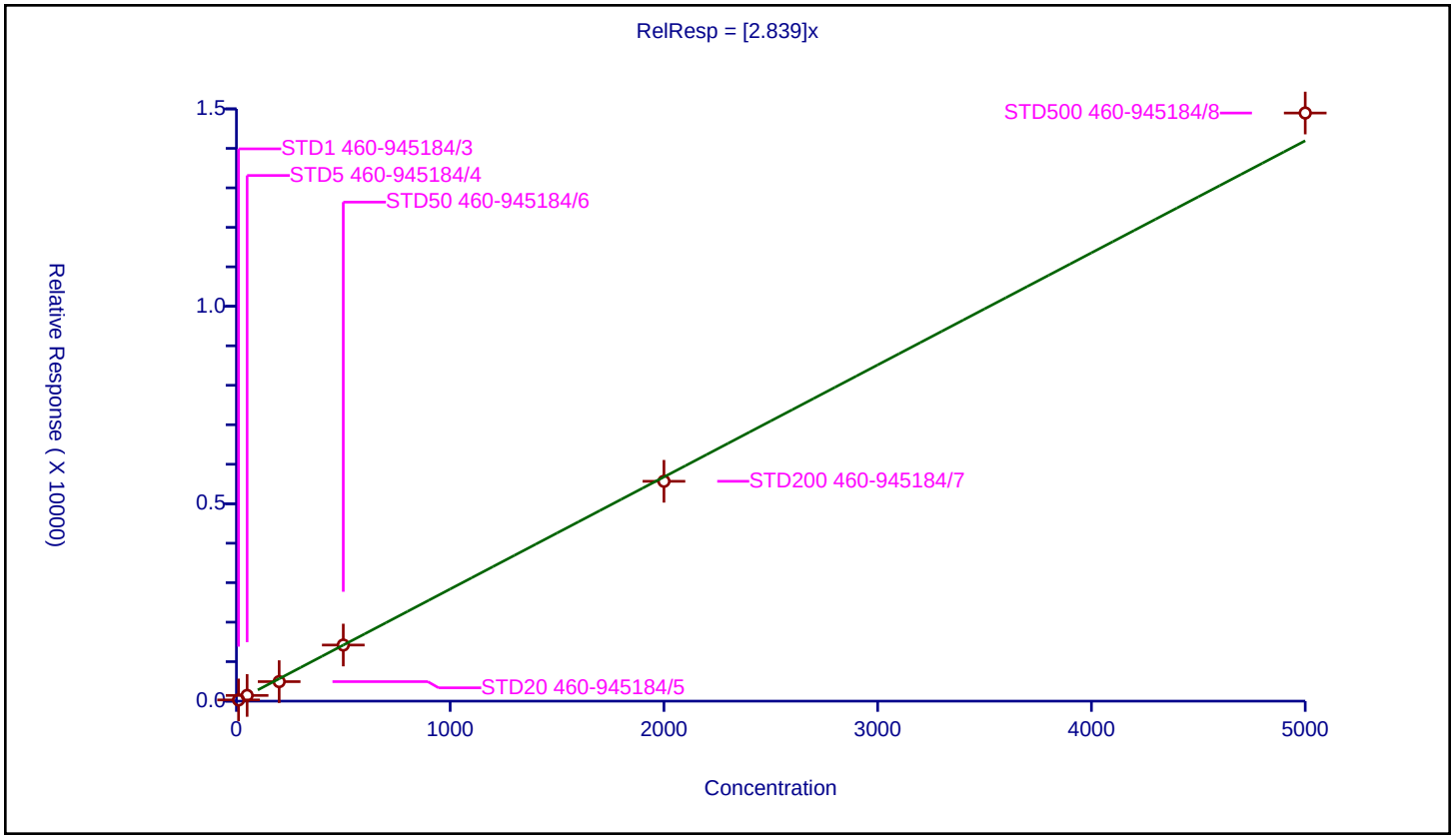
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.839 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2780000 |
| **Relative Standard Error:** | 7.2 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 10.0 | 30.593472 | 1000.0 | 331574.0 | 3.059347 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 144.831241 | 1000.0 | 339685.0 | 2.896625 | Y |
| 3 | STD20 460-945184/5 | 200.0 | 494.192566 | 1000.0 | 380805.0 | 2.470963 | Y |
| 4 | STD50 460-945184/6 | 500.0 | 1420.656302 | 1000.0 | 335181.0 | 2.841313 | Y |
| 5 | STD200 460-945184/7 | 2000.0 | 5568.330208 | 1000.0 | 358853.0 | 2.784165 | Y |
| 6 | STD500 460-945184/8 | 5000.0 | 14895.605035 | 1000.0 | 395134.0 | 2.979121 | 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 |

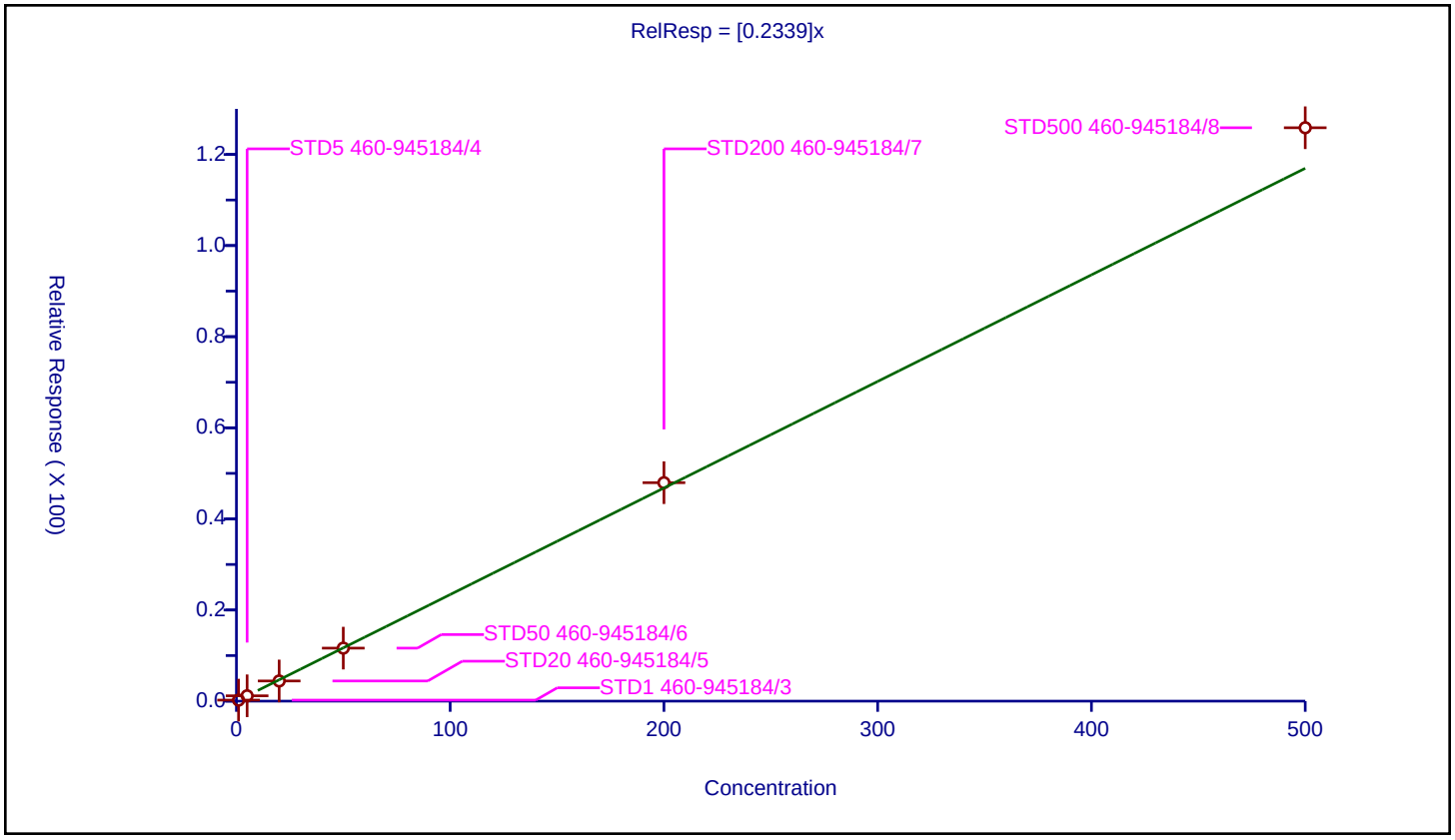
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2339 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 848000 |
| **Relative Standard Error:** | 4.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.223777 | 50.0 | 604842.0 | 0.223777 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.169972 | 50.0 | 607322.0 | 0.233994 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.430828 | 50.0 | 654460.0 | 0.221541 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 11.634427 | 50.0 | 660213.0 | 0.232689 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 47.950856 | 50.0 | 696852.0 | 0.239754 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 125.85969 | 50.0 | 701503.0 | 0.251719 | Y |






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## Calibration / Methyl tert-butyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

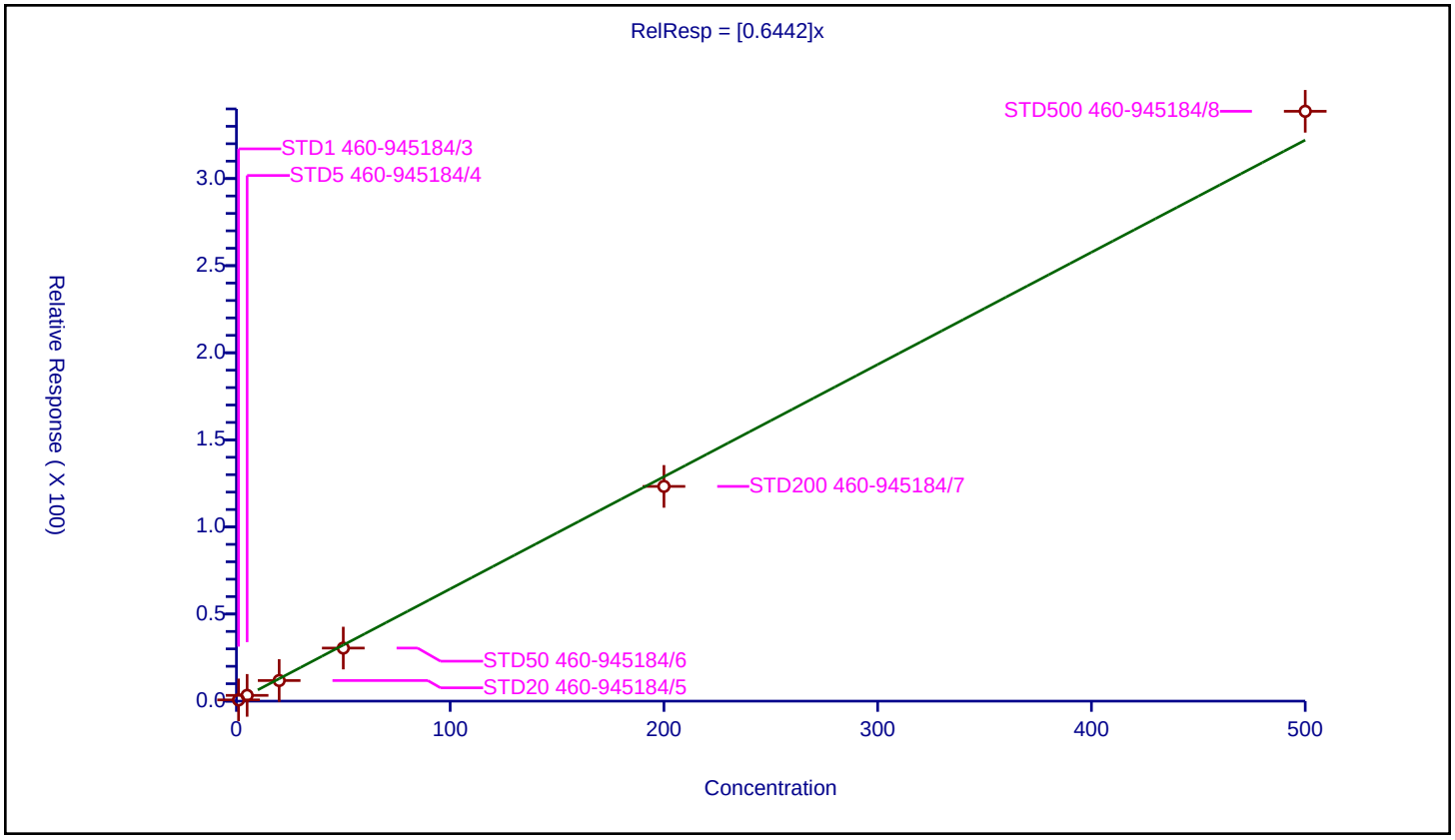
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6442 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2270000 |
| **Relative Standard Error:** | 7.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.709028 | 50.0 | 604842.0 | 0.709028 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.307718 | 50.0 | 607322.0 | 0.661544 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 11.832732 | 50.0 | 654460.0 | 0.591637 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 30.463653 | 50.0 | 660213.0 | 0.609273 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 123.275459 | 50.0 | 696852.0 | 0.616377 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 338.629129 | 50.0 | 701503.0 | 0.677258 | Y |






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## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

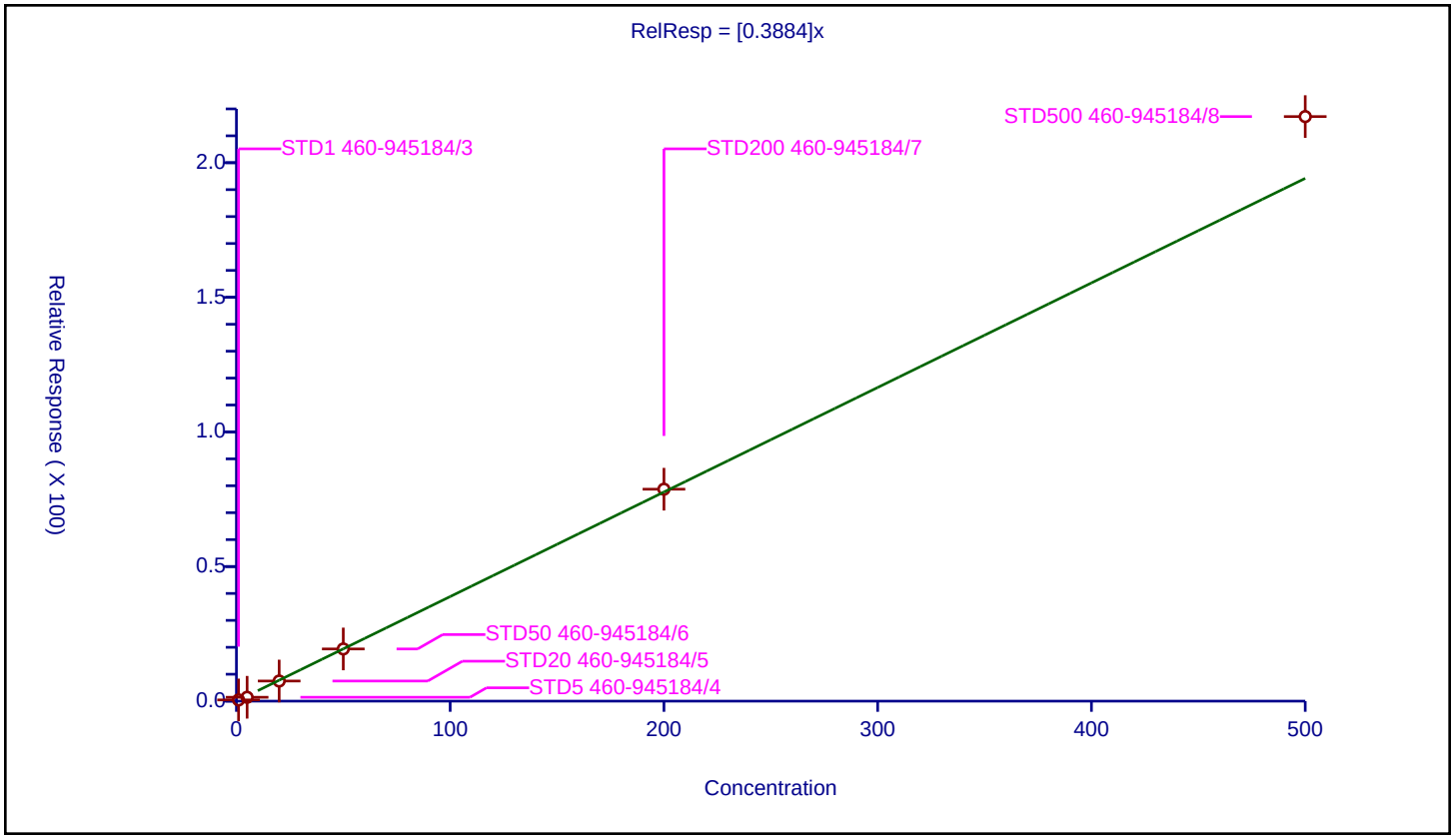
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3884 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1450000 |
| **Relative Standard Error:** | 14.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.974 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.45359 | 50.0 | 604842.0 | 0.45359 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.43787 | 50.0 | 607322.0 | 0.287574 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 7.470968 | 50.0 | 654460.0 | 0.373548 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 19.38541 | 50.0 | 660213.0 | 0.387708 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 78.728195 | 50.0 | 696852.0 | 0.393641 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 217.138344 | 50.0 | 701503.0 | 0.434277 | Y |






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## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

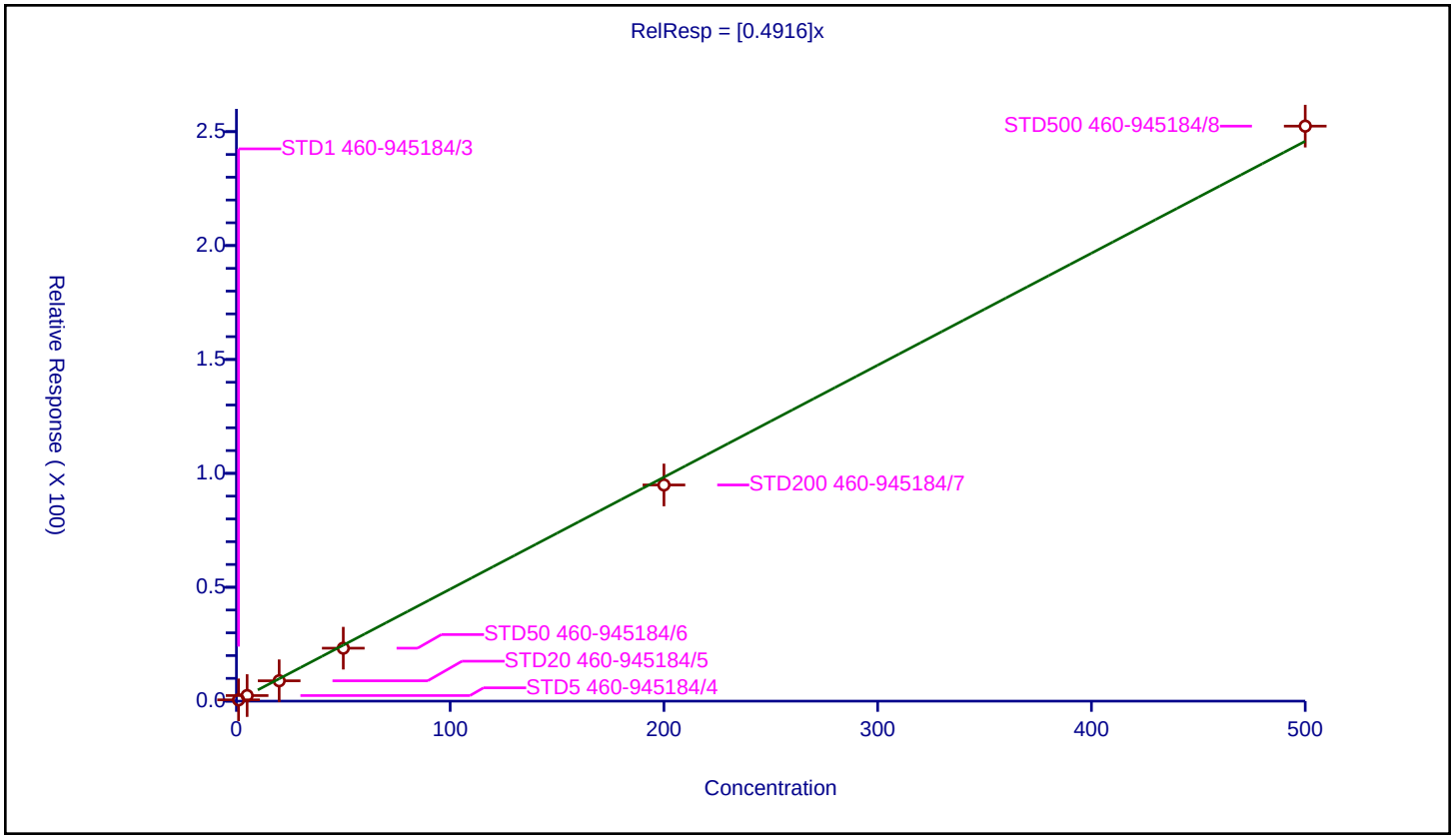
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4916 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1700000 |
| **Relative Standard Error:** | 8.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.569074 | 50.0 | 604842.0 | 0.569074 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.44689 | 50.0 | 607322.0 | 0.489378 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 8.937827 | 50.0 | 654460.0 | 0.446891 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 23.245528 | 50.0 | 660213.0 | 0.464911 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 94.900567 | 50.0 | 696852.0 | 0.474503 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 252.437481 | 50.0 | 701503.0 | 0.504875 | Y |



## Calibration / Vinyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

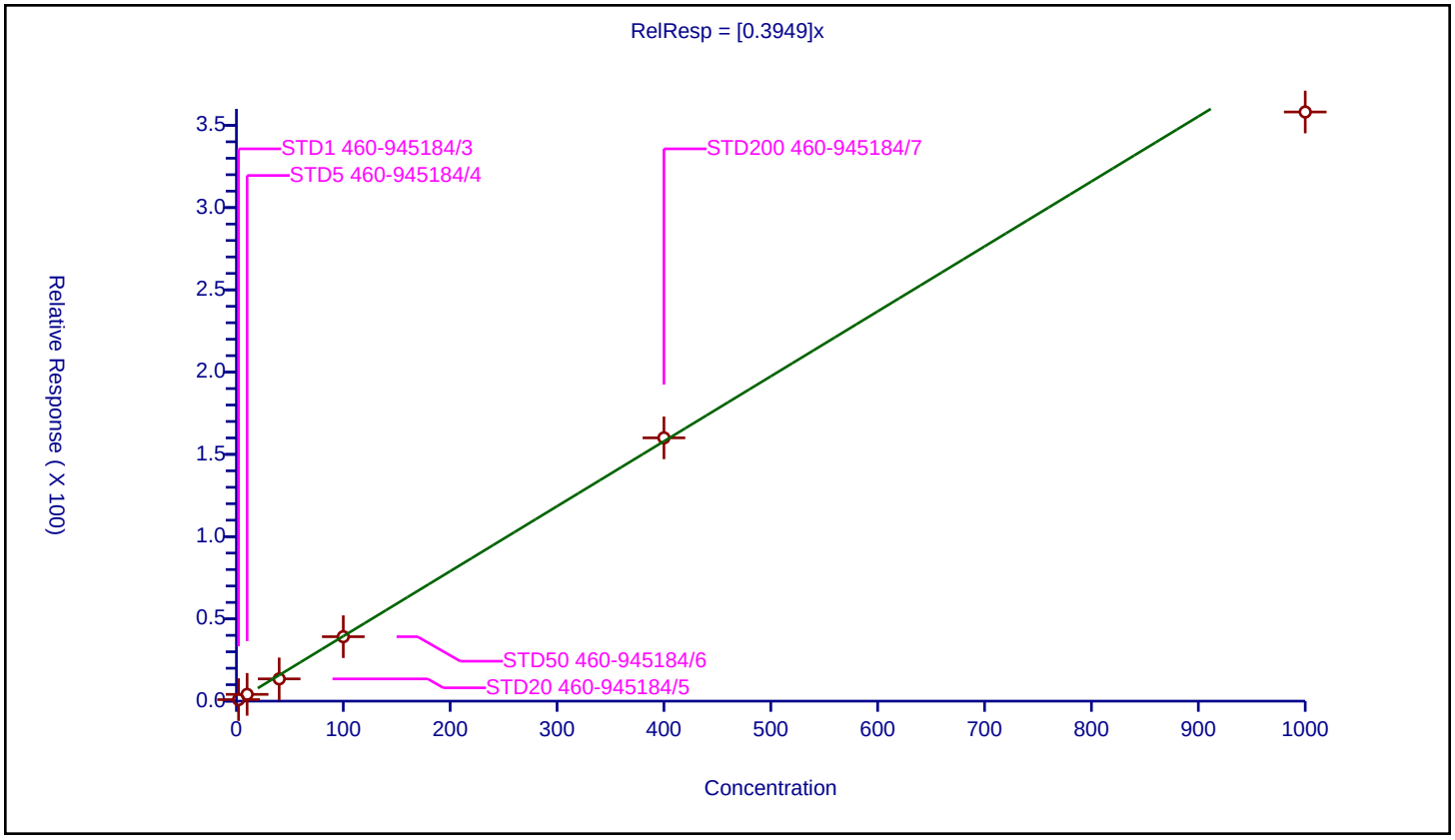
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3949 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 272000 |
| **Relative Standard Error:** | 11.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 2.0 | 0.93833 | 250.0 | 311191.0 | 0.469165 | Y |
| 2 | STD5 460-945184/4 | 10.0 | 4.121593 | 250.0 | 315776.0 | 0.412159 | Y |
| 3 | STD20 460-945184/5 | 40.0 | 13.520164 | 250.0 | 358631.0 | 0.338004 | Y |
| 4 | STD50 460-945184/6 | 100.0 | 39.169715 | 250.0 | 335993.0 | 0.391697 | Y |
| 5 | STD200 460-945184/7 | 400.0 | 160.037748 | 250.0 | 346512.0 | 0.400094 | Y |
| 6 | STD500 460-945184/8 | 1000.0 | 358.116963 | 250.0 | 394501.0 | 0.358117 | Y |






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## Calibration / 2-Chloro-1,3-butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

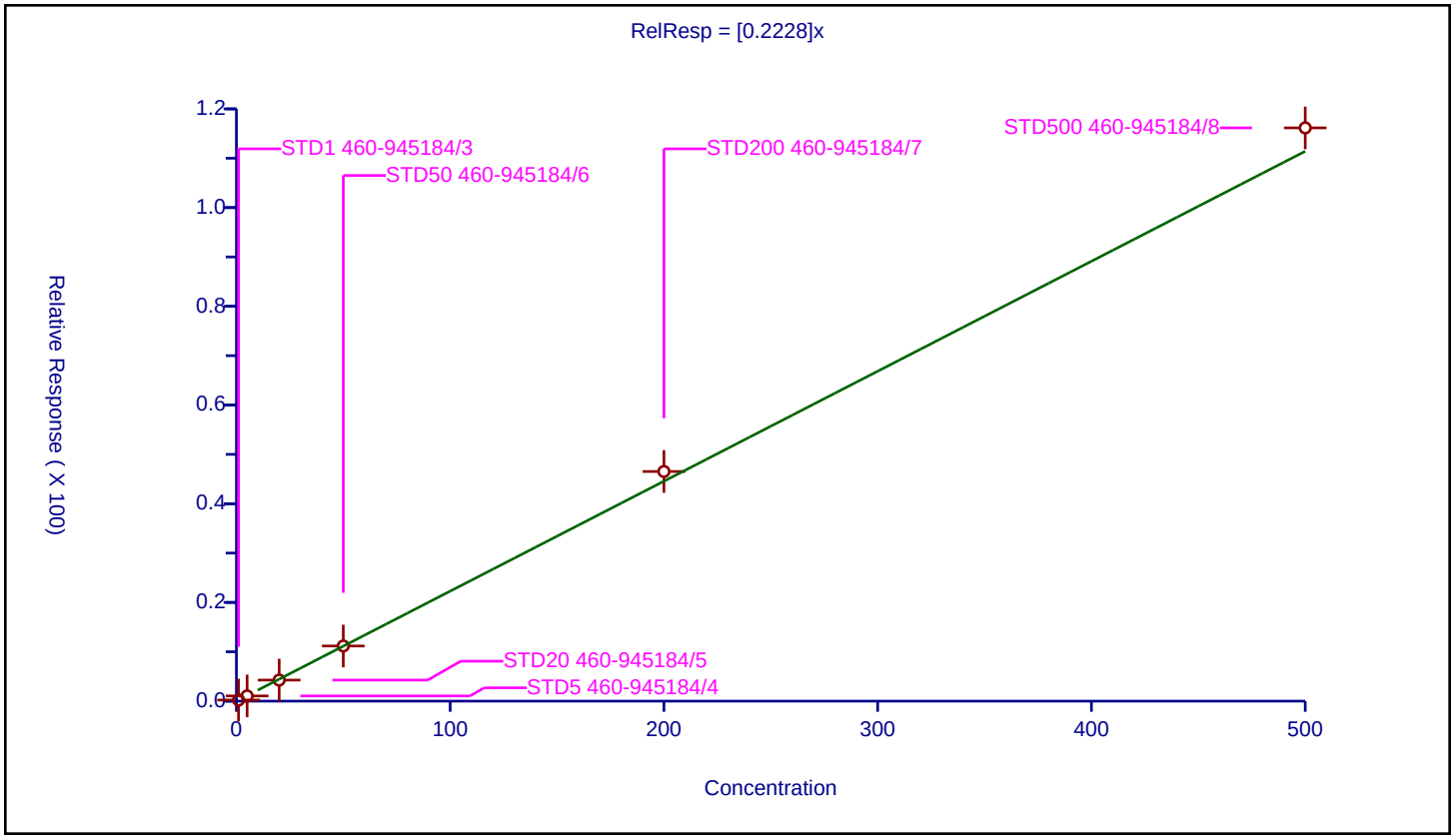
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2228 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 787000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.224191 | 50.0 | 604842.0 | 0.224191 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.05463 | 50.0 | 607322.0 | 0.210926 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.268557 | 50.0 | 654460.0 | 0.213428 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 11.171925 | 50.0 | 660213.0 | 0.223438 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 46.530253 | 50.0 | 696852.0 | 0.232651 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 116.150751 | 50.0 | 701503.0 | 0.232302 | Y |






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## Calibration / Isopropyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

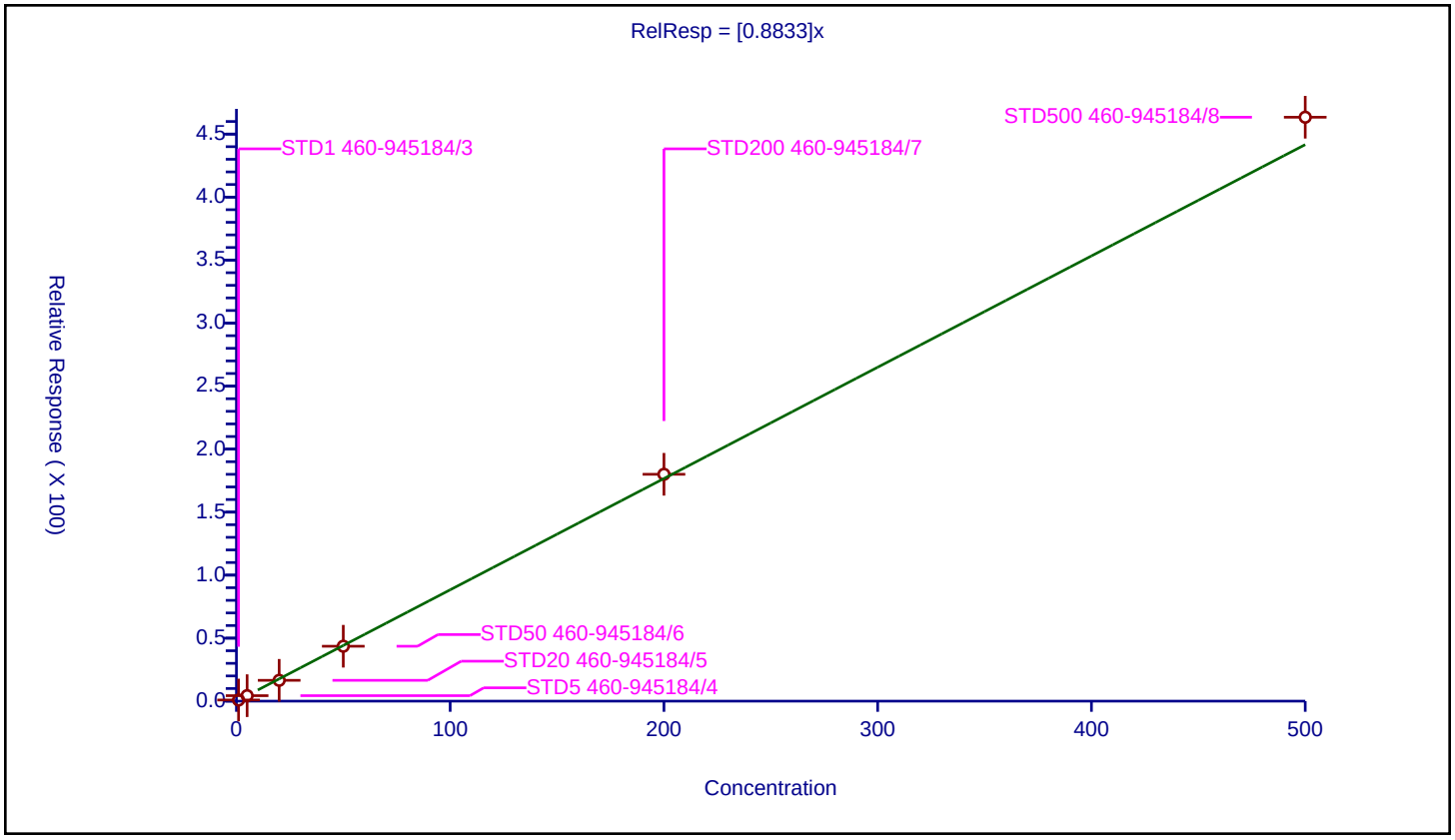
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8833 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3130000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.908171 | 50.0 | 604842.0 | 0.908171 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 4.335921 | 50.0 | 607322.0 | 0.867184 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 16.518504 | 50.0 | 654460.0 | 0.825925 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 43.577754 | 50.0 | 660213.0 | 0.871555 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 180.029834 | 50.0 | 696852.0 | 0.900149 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 463.377705 | 50.0 | 701503.0 | 0.926755 | Y |






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## Calibration / Tert-butyl ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

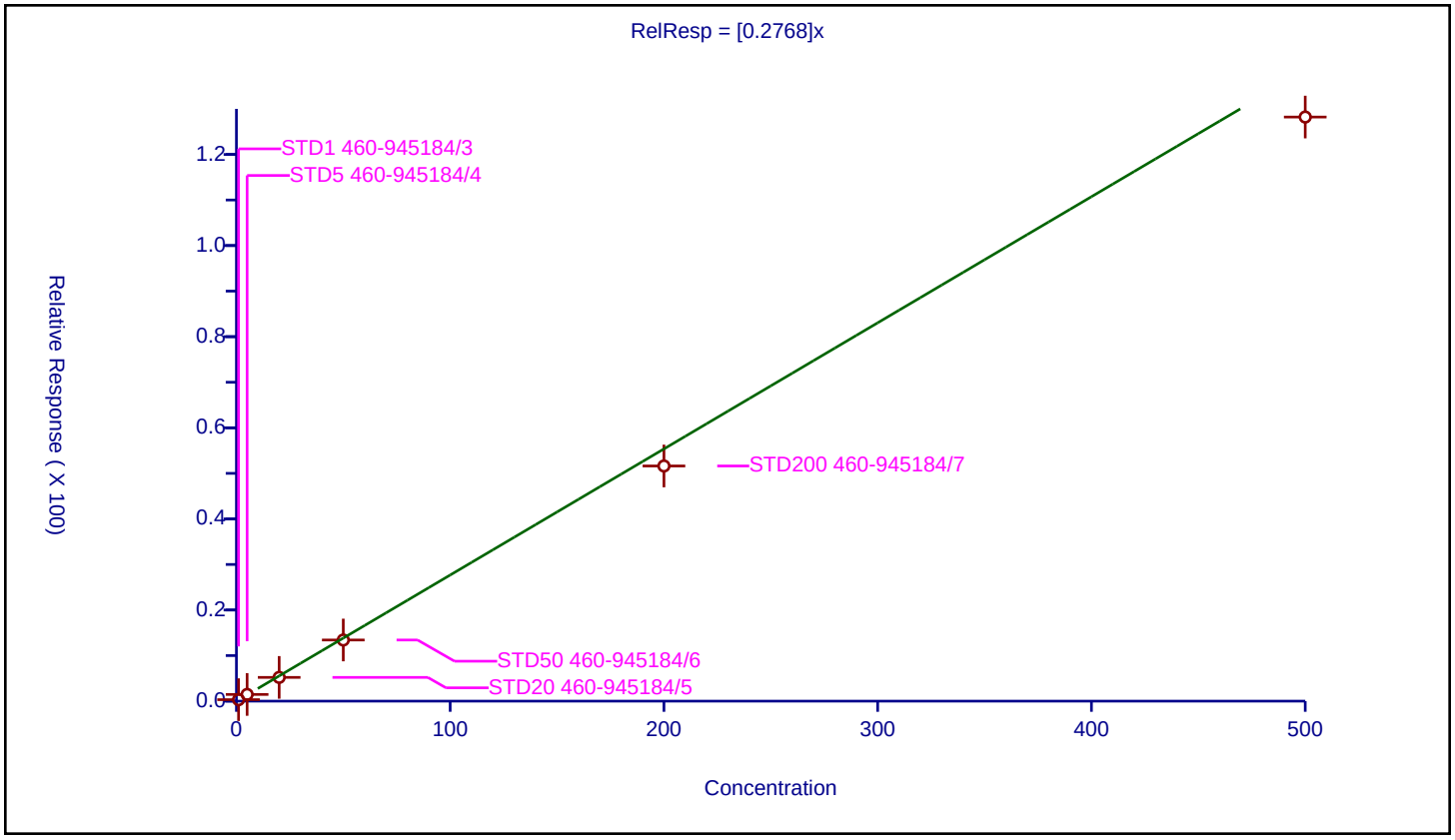
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2768 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 871000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.322894 | 50.0 | 604842.0 | 0.322894 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.47253 | 50.0 | 607322.0 | 0.294506 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.212312 | 50.0 | 654460.0 | 0.260616 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 13.417639 | 50.0 | 660213.0 | 0.268353 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 51.618421 | 50.0 | 696852.0 | 0.258092 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 128.212638 | 50.0 | 701503.0 | 0.256425 | Y |



## Calibration / 2,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

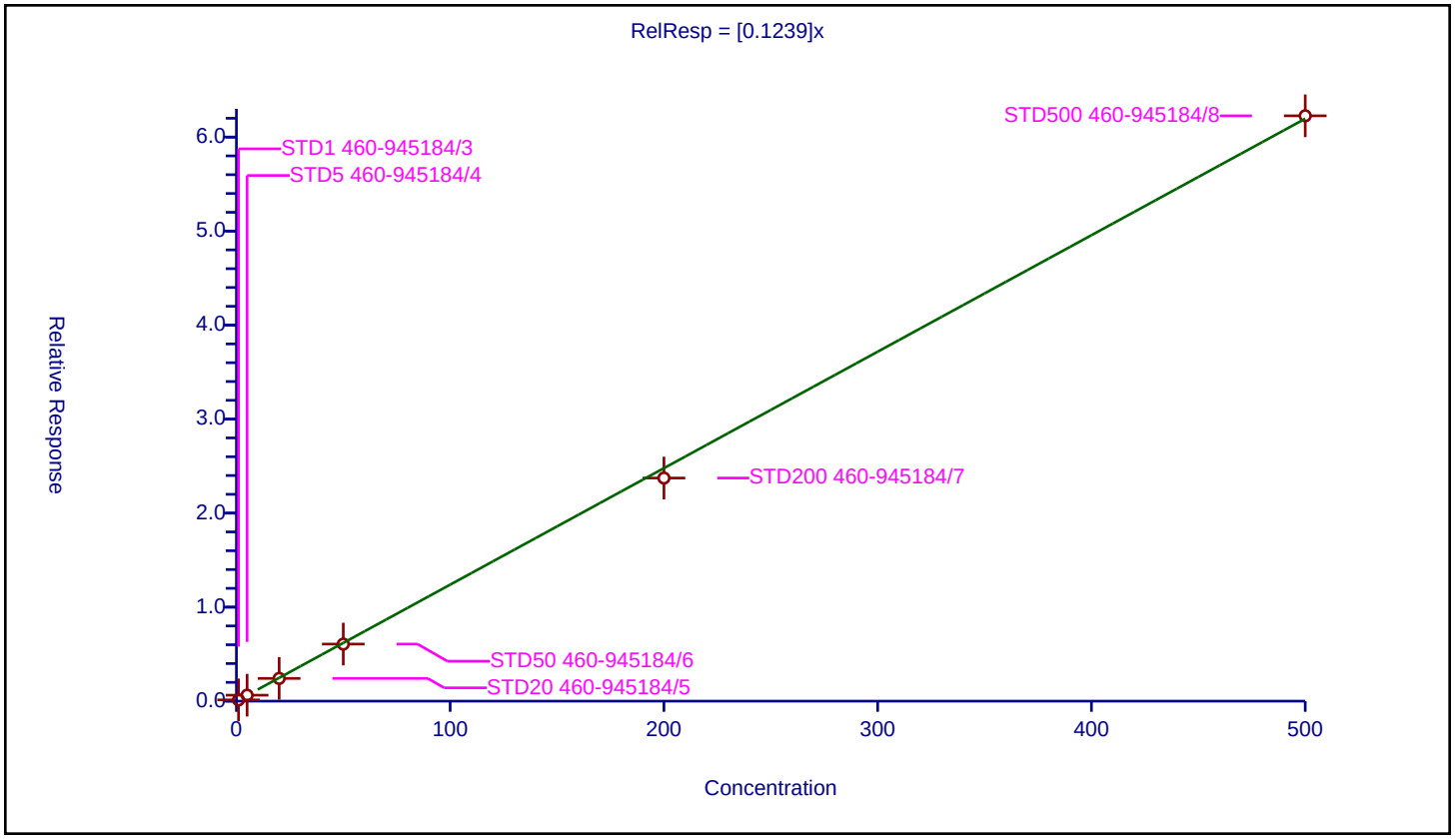
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1239 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 419000 |
| **Relative Standard Error:** | 3.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.131109 | 50.0 | 604842.0 | 0.131109 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.634095 | 50.0 | 607322.0 | 0.126819 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 2.419476 | 50.0 | 654460.0 | 0.120974 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 6.068723 | 50.0 | 660213.0 | 0.121374 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 23.73072 | 50.0 | 696852.0 | 0.118654 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 62.263098 | 50.0 | 701503.0 | 0.124526 | Y |






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## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

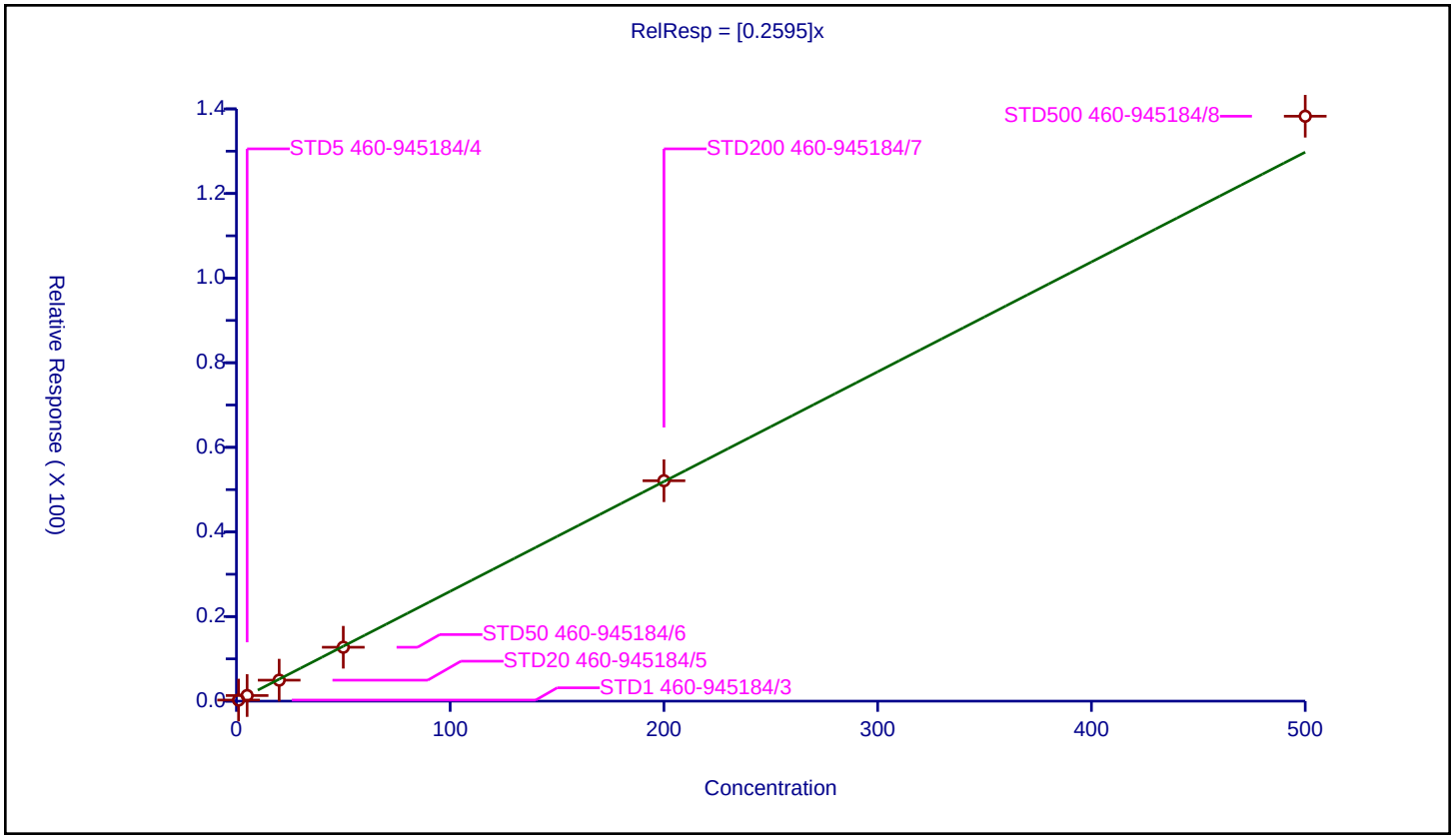
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2595 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 930000 |
| **Relative Standard Error:** | 4.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.251967 | 50.0 | 604842.0 | 0.251967 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.326479 | 50.0 | 607322.0 | 0.265296 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.961113 | 50.0 | 654460.0 | 0.248056 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 12.741948 | 50.0 | 660213.0 | 0.254839 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 52.103603 | 50.0 | 696852.0 | 0.260518 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 138.270114 | 50.0 | 701503.0 | 0.27654 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

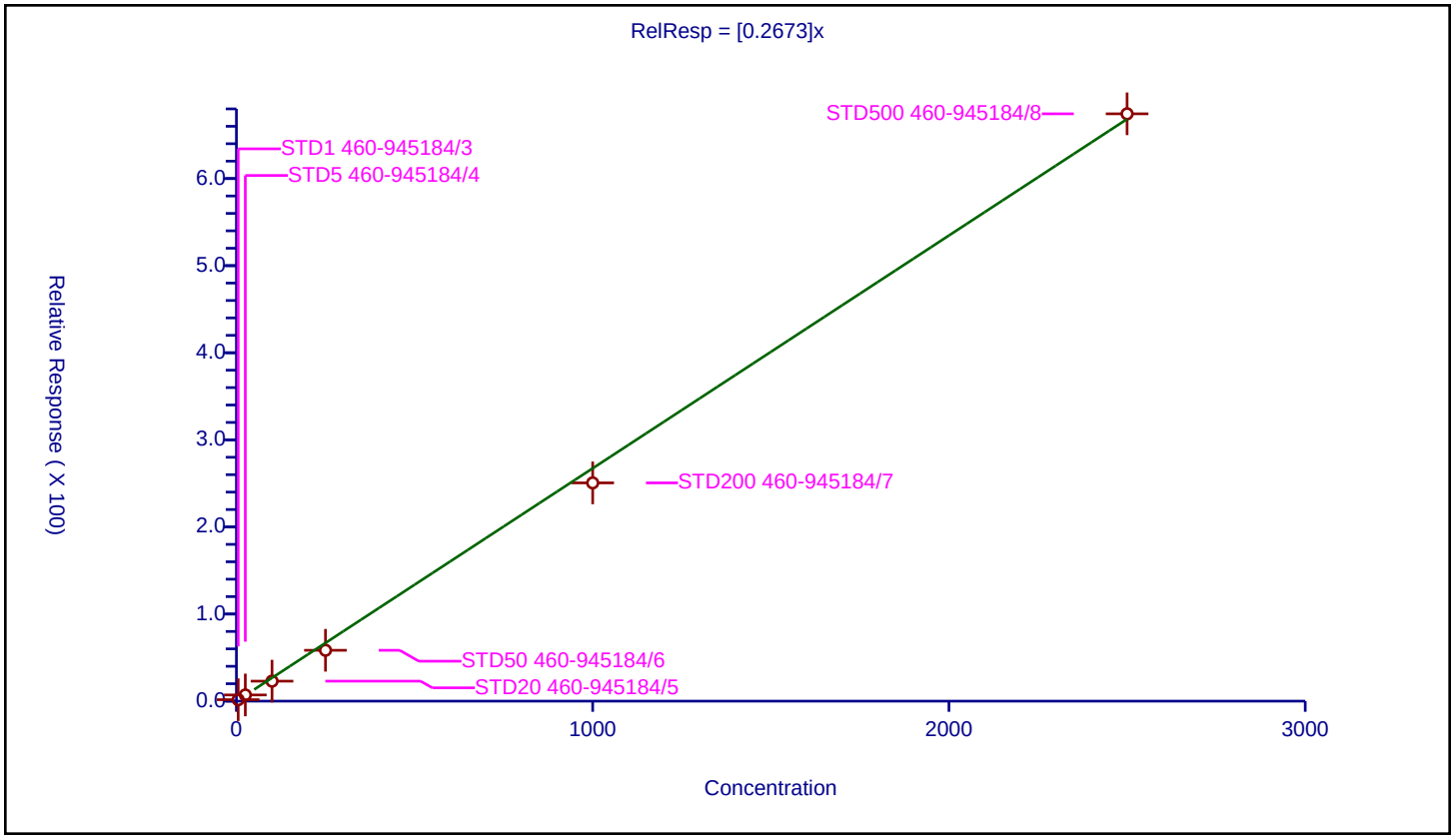
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2673 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 502000 |
| **Relative Standard Error:** | 14.8 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.972 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 5.0 | 1.67823 | 250.0 | 311191.0 | 0.335646 | Y |
| 2 | STD5 460-945184/4 | 25.0 | 7.121346 | 250.0 | 315776.0 | 0.284854 | Y |
| 3 | STD20 460-945184/5 | 100.0 | 22.951864 | 250.0 | 358631.0 | 0.229519 | Y |
| 4 | STD50 460-945184/6 | 250.0 | 58.394818 | 250.0 | 335993.0 | 0.233579 | Y |
| 5 | STD200 460-945184/7 | 1000.0 | 250.582952 | 250.0 | 346512.0 | 0.250583 | Y |
| 6 | STD500 460-945184/8 | 2500.0 | 674.328455 | 250.0 | 394501.0 | 0.269731 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

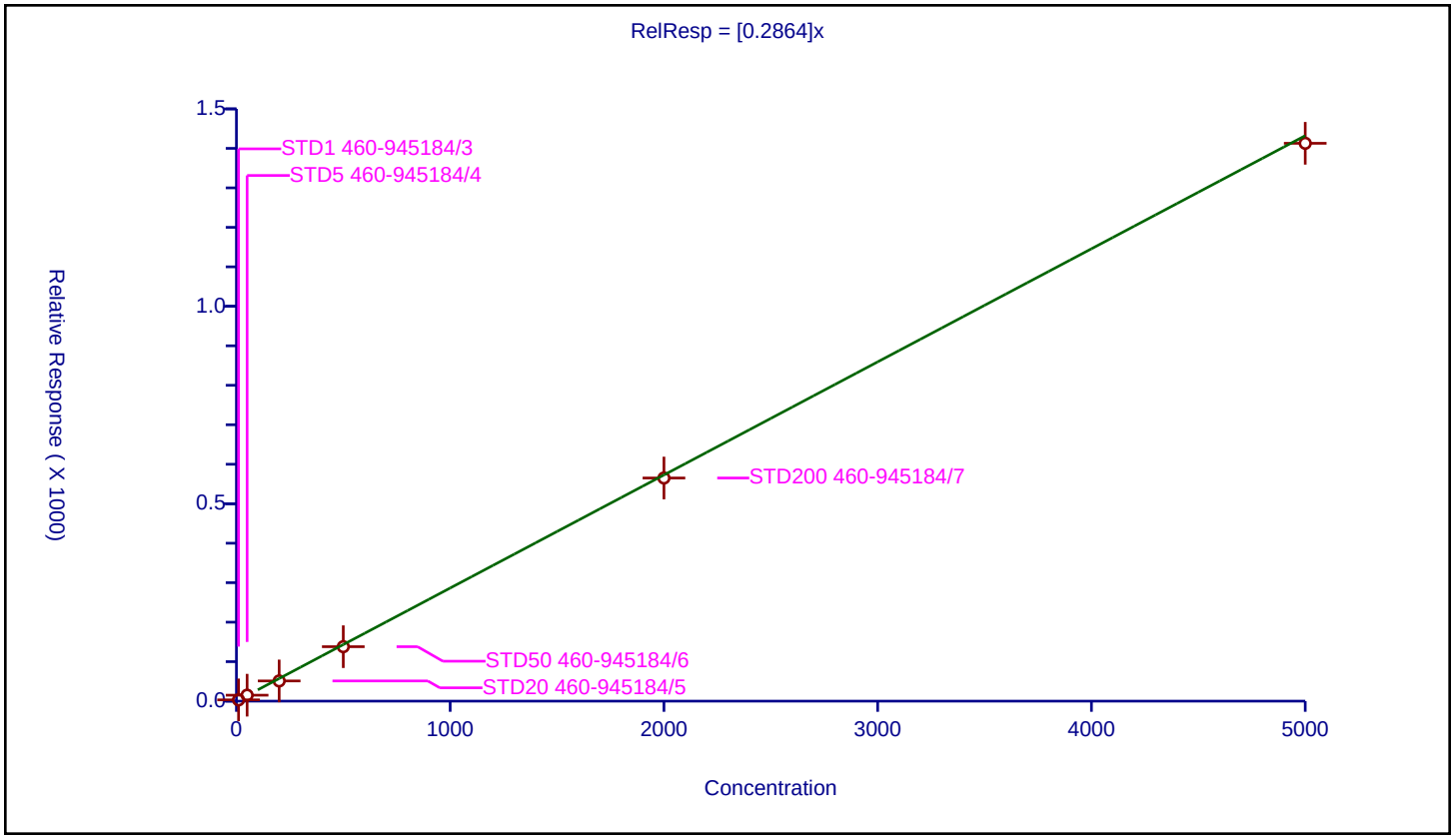
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2864 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1060000 |
| **Relative Standard Error:** | 7.7 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 10.0 | 3.195787 | 250.0 | 311191.0 | 0.319579 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 15.103269 | 250.0 | 315776.0 | 0.302065 | Y |
| 3 | STD20 460-945184/5 | 200.0 | 51.193288 | 250.0 | 358631.0 | 0.255966 | Y |
| 4 | STD50 460-945184/6 | 500.0 | 137.893498 | 250.0 | 335993.0 | 0.275787 | Y |
| 5 | STD200 460-945184/7 | 2000.0 | 565.136994 | 250.0 | 346512.0 | 0.282568 | Y |
| 6 | STD500 460-945184/8 | 5000.0 | 1412.852566 | 250.0 | 394501.0 | 0.282571 | Y |



## Calibration / Ethyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

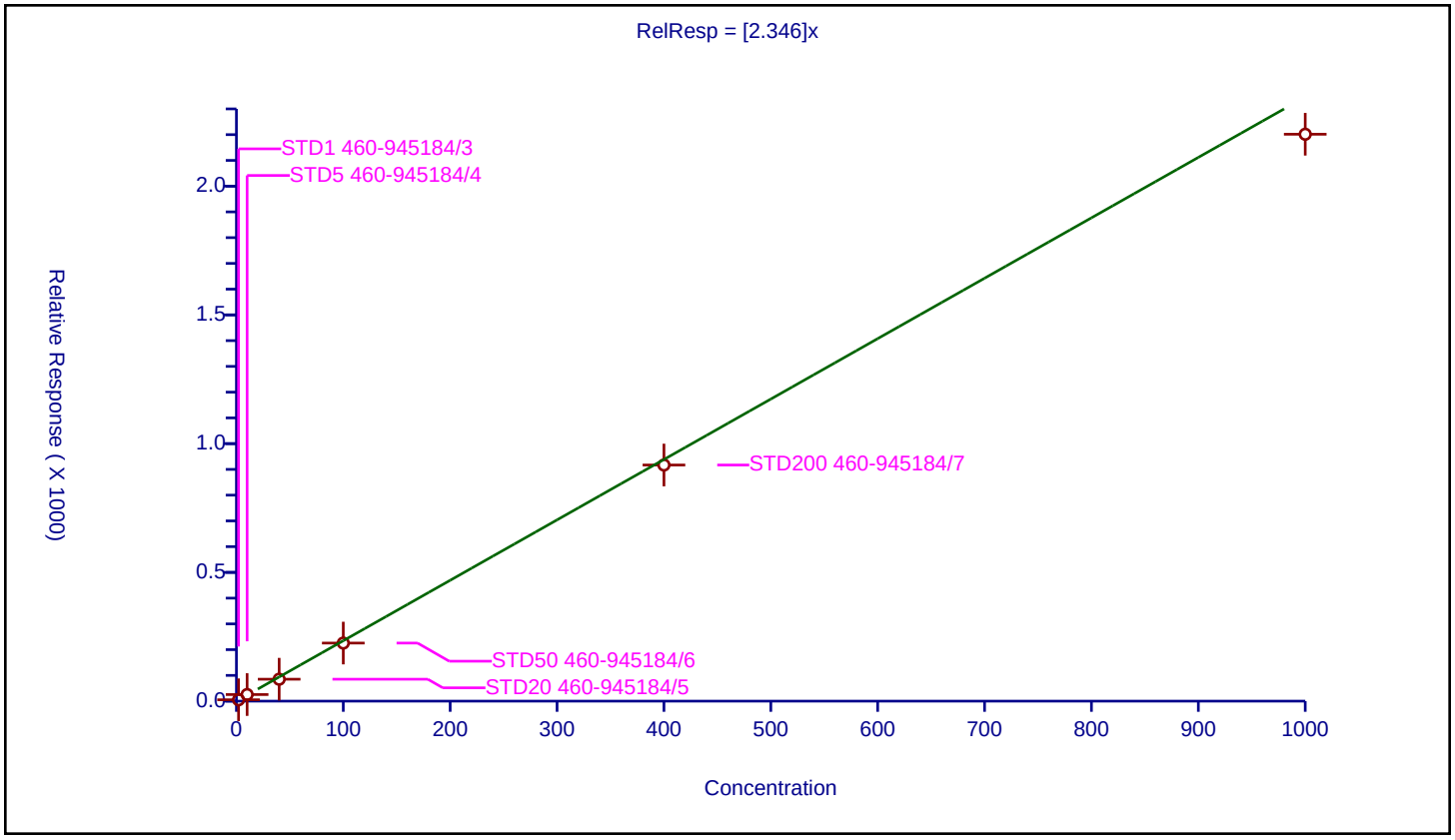
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.346 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1660000 |
| **Relative Standard Error:** | 8.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 2.0 | 5.286946 | 250.0 | 311191.0 | 2.643473 | Y |
| 2 | STD5 460-945184/4 | 10.0 | 25.548173 | 250.0 | 315776.0 | 2.554817 | Y |
| 3 | STD20 460-945184/5 | 40.0 | 85.172503 | 250.0 | 358631.0 | 2.129313 | Y |
| 4 | STD50 460-945184/6 | 100.0 | 225.576128 | 250.0 | 335993.0 | 2.255761 | Y |
| 5 | STD200 460-945184/7 | 400.0 | 917.028126 | 250.0 | 346512.0 | 2.29257 | Y |
| 6 | STD500 460-945184/8 | 1000.0 | 2201.510262 | 250.0 | 394501.0 | 2.20151 | Y |






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## Calibration / Methyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

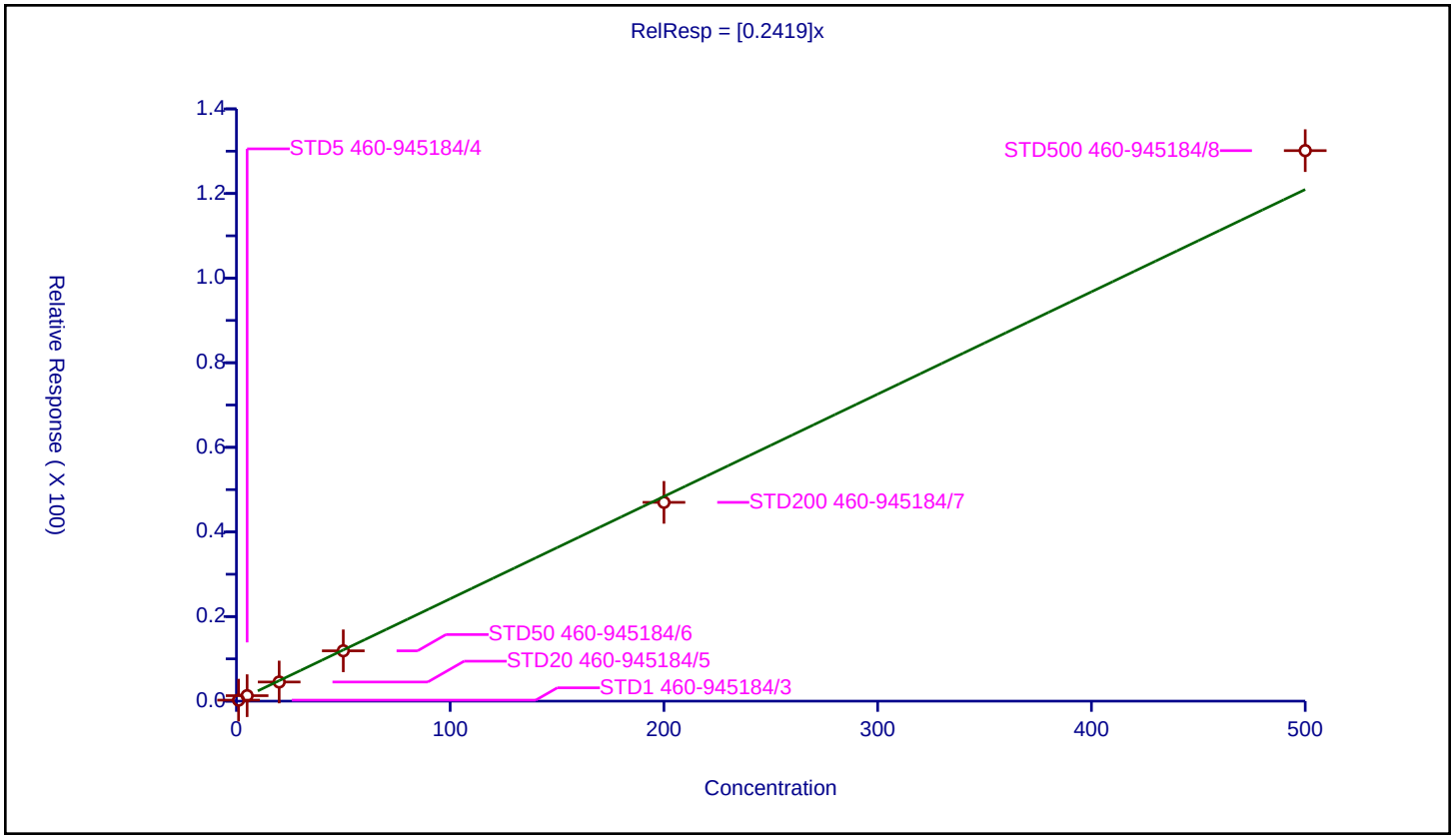
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2419 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 871000 |
| **Relative Standard Error:** | 5.9 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.232953 | 50.0 | 604842.0 | 0.232953 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.296182 | 50.0 | 607322.0 | 0.259236 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.520903 | 50.0 | 654460.0 | 0.226045 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 11.897297 | 50.0 | 660213.0 | 0.237946 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 46.990107 | 50.0 | 696852.0 | 0.234951 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 130.132801 | 50.0 | 701503.0 | 0.260266 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

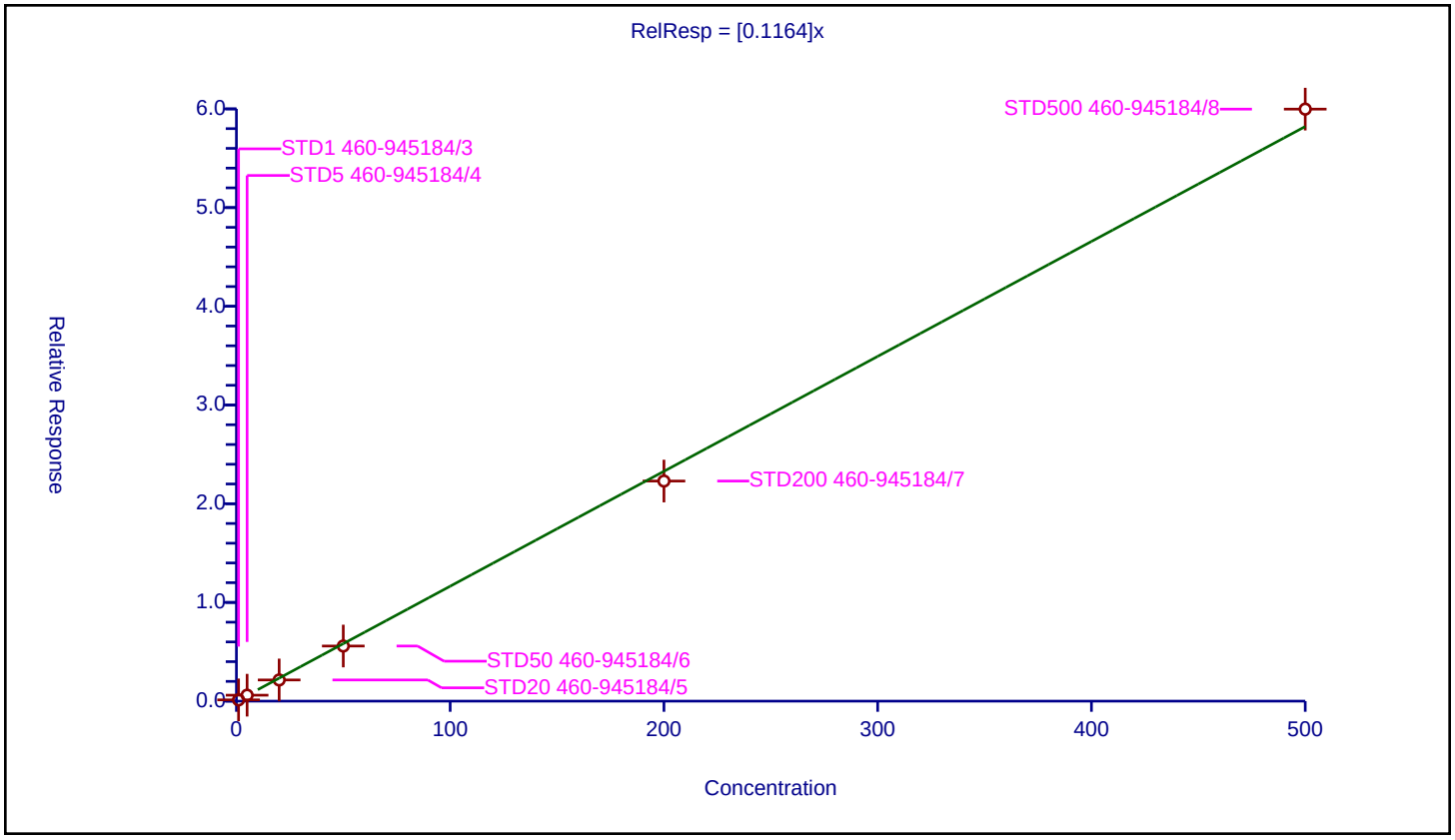
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1164 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 403000 |
| **Relative Standard Error:** | 6.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.127637 | 50.0 | 604842.0 | 0.127637 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.602234 | 50.0 | 607322.0 | 0.120447 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 2.14719 | 50.0 | 654460.0 | 0.10736 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 5.583425 | 50.0 | 660213.0 | 0.111669 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 22.2967 | 50.0 | 696852.0 | 0.111484 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 59.975153 | 50.0 | 701503.0 | 0.11995 | Y |



## Calibration / Methacrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

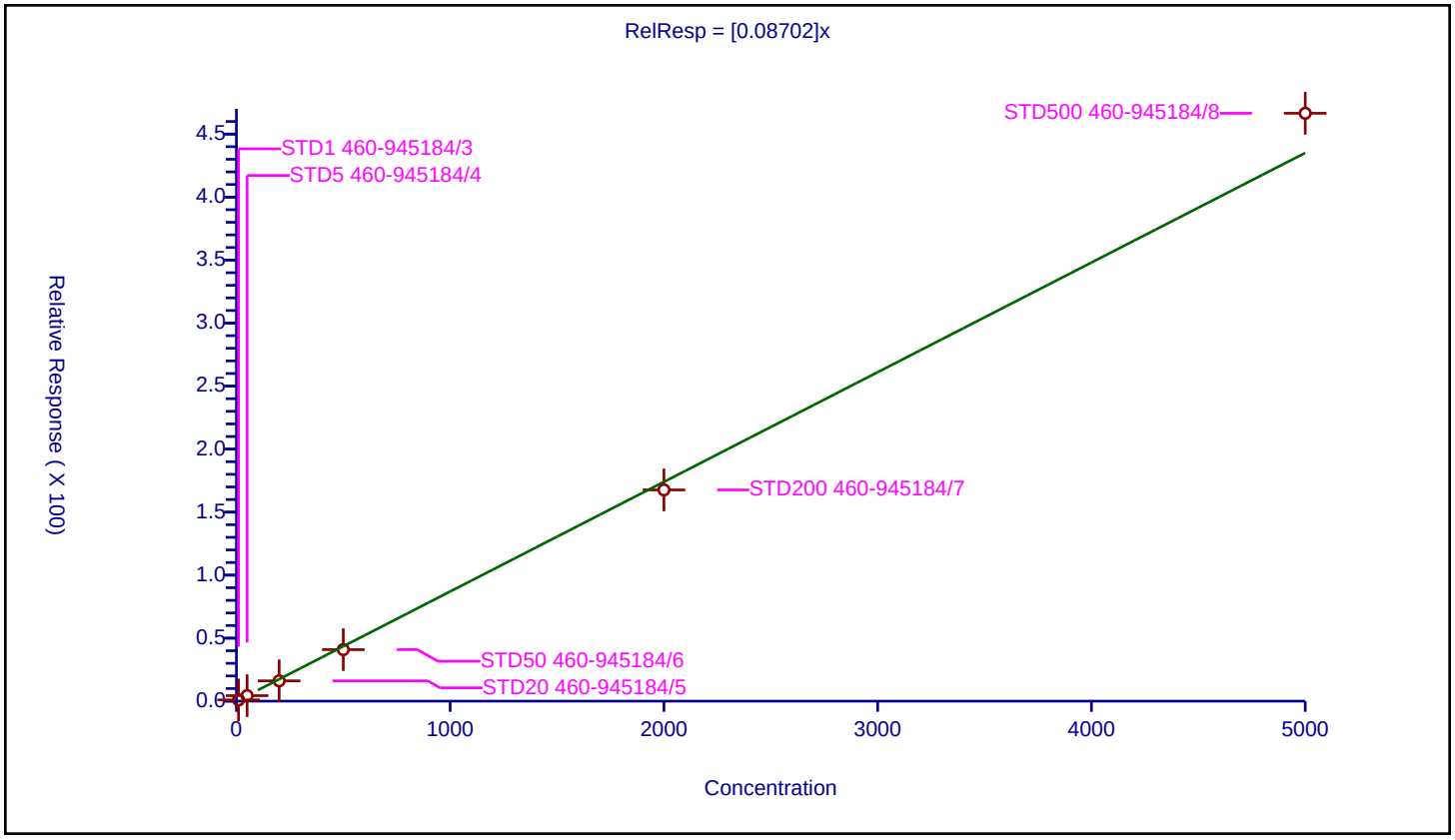
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08702 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3120000 |
| **Relative Standard Error:** | 7.1 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 10.0 | 0.955208 | 50.0 | 604842.0 | 0.095521 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 4.359714 | 50.0 | 607322.0 | 0.087194 | Y |
| 3 | STD20 460-945184/5 | 200.0 | 16.107172 | 50.0 | 654460.0 | 0.080536 | Y |
| 4 | STD50 460-945184/6 | 500.0 | 40.869765 | 50.0 | 660213.0 | 0.08174 | Y |
| 5 | STD200 460-945184/7 | 2000.0 | 167.61407 | 50.0 | 696852.0 | 0.083807 | Y |
| 6 | STD500 460-945184/8 | 5000.0 | 466.512474 | 50.0 | 701503.0 | 0.093302 | Y |






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## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

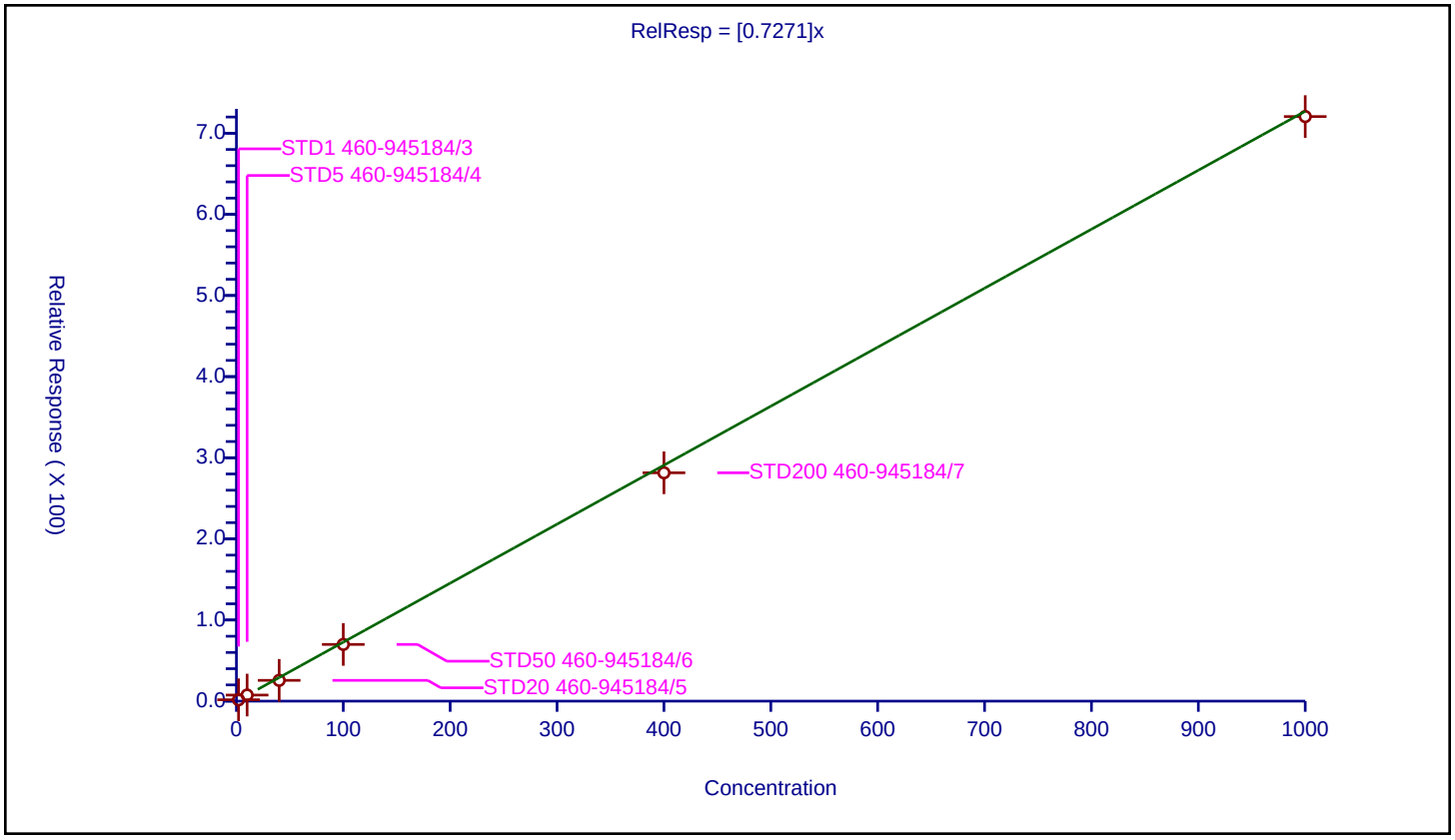
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7271 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 539000 |
| **Relative Standard Error:** | 9.5 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 2.0 | 1.695904 | 250.0 | 311191.0 | 0.847952 | Y |
| 2 | STD5 460-945184/4 | 10.0 | 7.508487 | 250.0 | 315776.0 | 0.750849 | Y |
| 3 | STD20 460-945184/5 | 40.0 | 25.609889 | 250.0 | 358631.0 | 0.640247 | Y |
| 4 | STD50 460-945184/6 | 100.0 | 69.920355 | 250.0 | 335993.0 | 0.699204 | Y |
| 5 | STD200 460-945184/7 | 400.0 | 281.467164 | 250.0 | 346512.0 | 0.703668 | Y |
| 6 | STD500 460-945184/8 | 1000.0 | 720.541266 | 250.0 | 394501.0 | 0.720541 | Y |






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## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

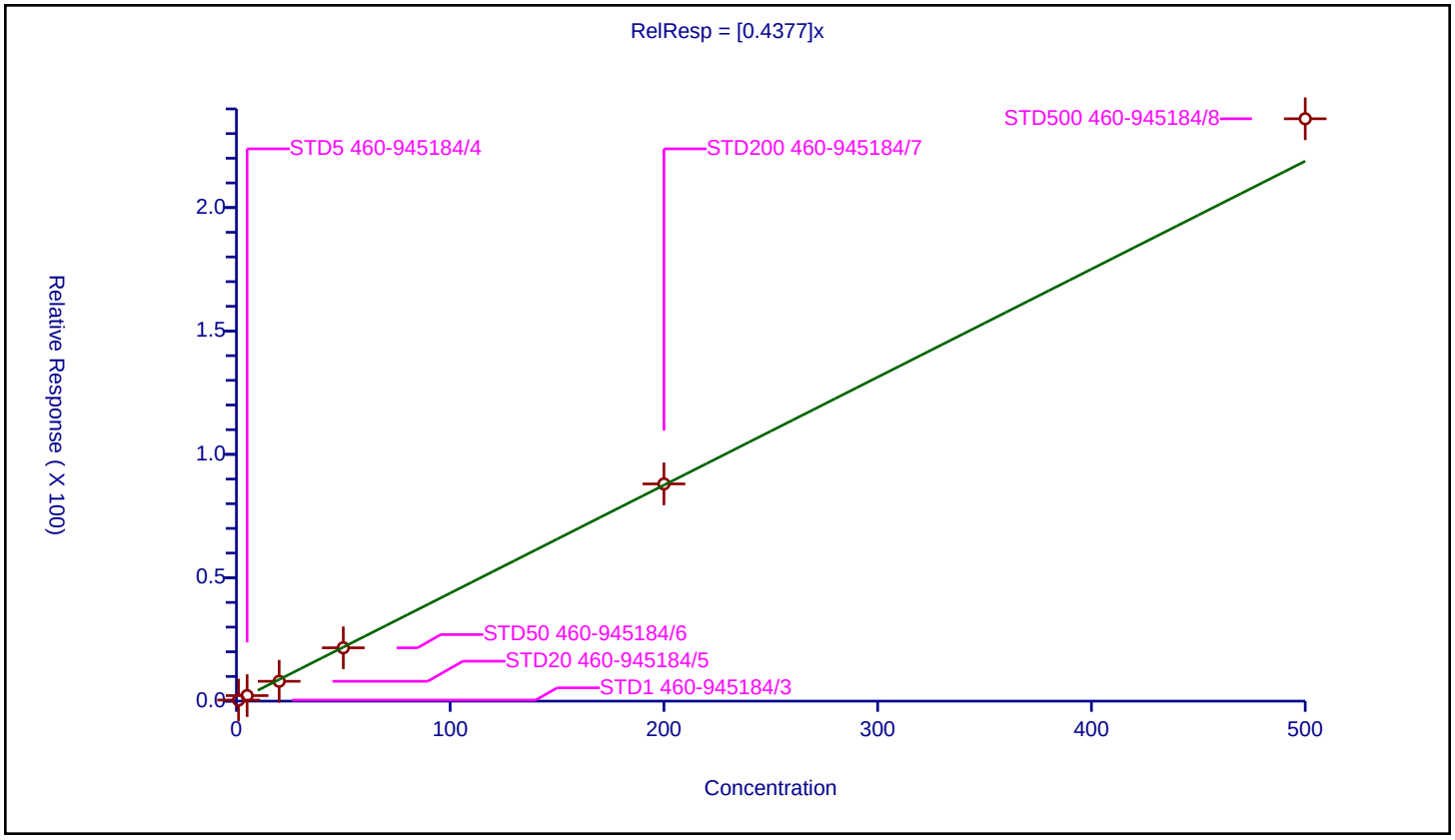
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4377 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1580000 |
| **Relative Standard Error:** | 5.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.432014 | 50.0 | 604842.0 | 0.432014 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.236622 | 50.0 | 607322.0 | 0.447324 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 8.045182 | 50.0 | 654460.0 | 0.402259 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 21.610677 | 50.0 | 660213.0 | 0.432214 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 88.038493 | 50.0 | 696852.0 | 0.440192 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 235.991578 | 50.0 | 701503.0 | 0.471983 | Y |






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## Calibration / Dibromofluoromethane (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

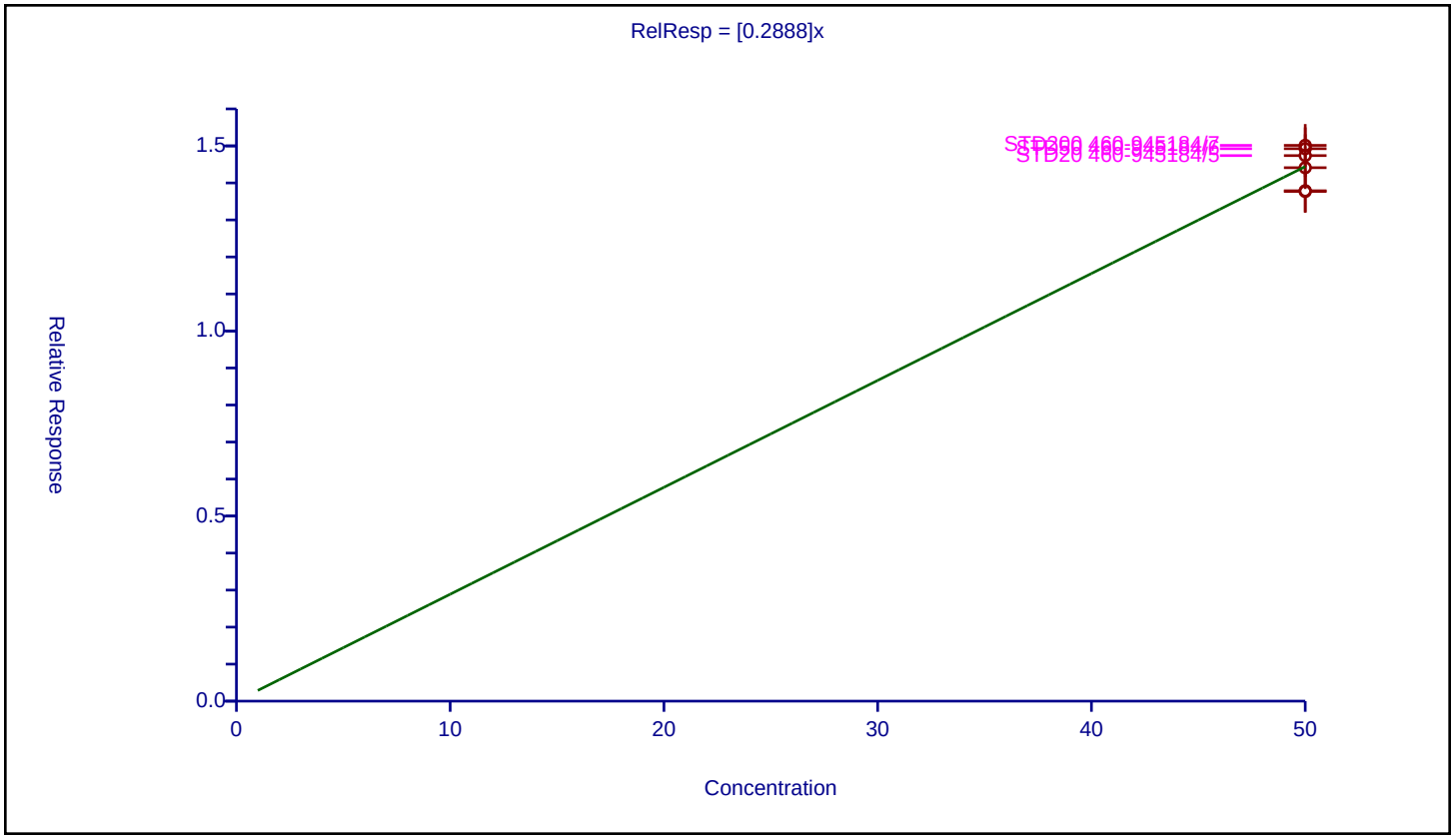
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2888 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 208000 |
| **Relative Standard Error:** | 3.8 |
| **Correlation Coefficient:** | 0.00000000000000000000 |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 50.0 | 13.769216 | 50.0 | 604842.0 | 0.275384 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 13.78832 | 50.0 | 607322.0 | 0.275766 | Y |
| 3 | STD20 460-945184/5 | 50.0 | 14.737876 | 50.0 | 654460.0 | 0.294758 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 14.924502 | 50.0 | 660213.0 | 0.29849 | Y |
| 5 | STD200 460-945184/7 | 50.0 | 15.014164 | 50.0 | 696852.0 | 0.300283 | Y |
| 6 | STD500 460-945184/8 | 50.0 | 14.4112 | 50.0 | 701503.0 | 0.288224 | 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 |

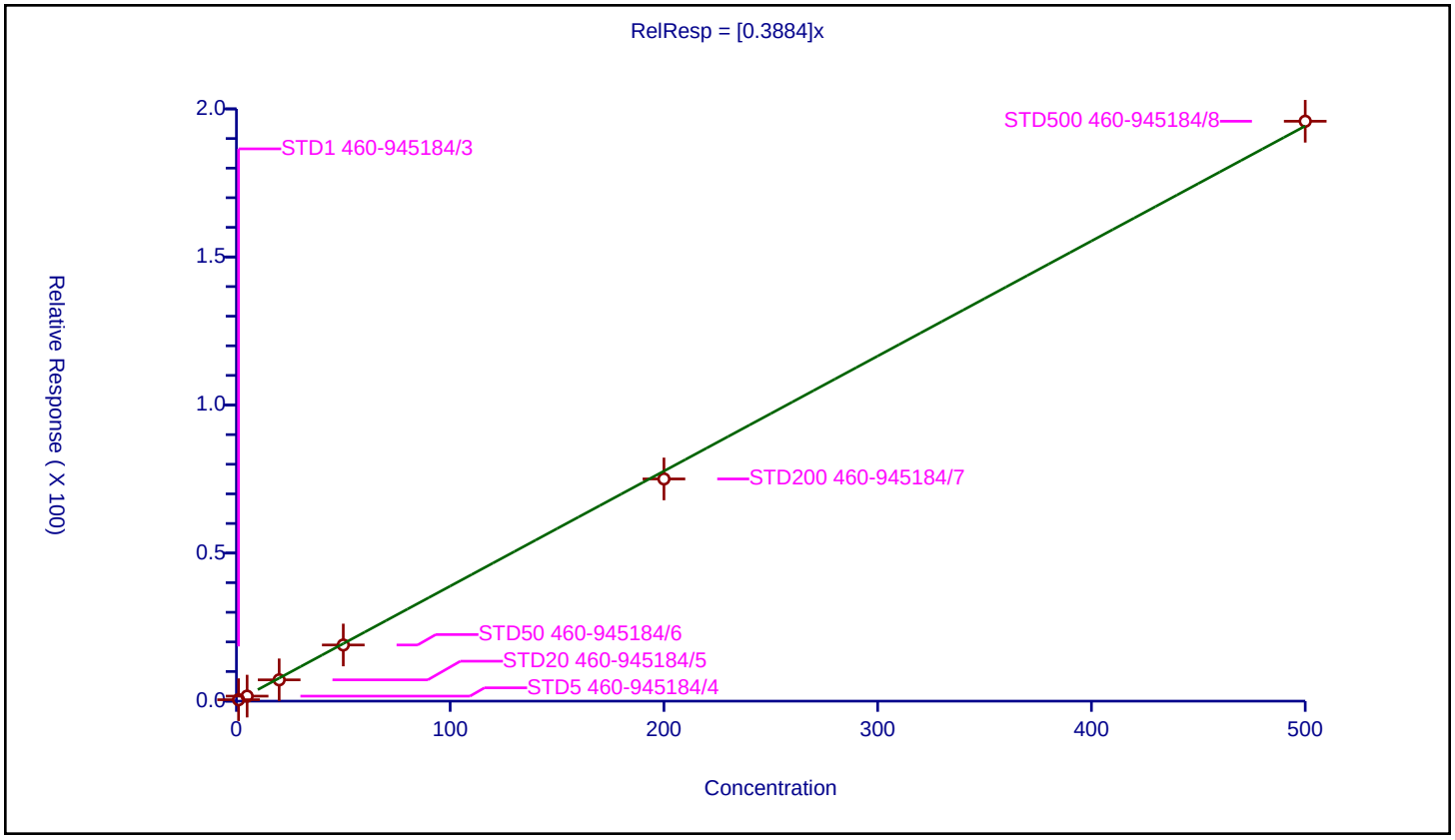
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3884 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1320000 |
| **Relative Standard Error:** | 13.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.485664 | 50.0 | 604842.0 | 0.485664 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.69704 | 50.0 | 607322.0 | 0.339408 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 7.189057 | 50.0 | 654460.0 | 0.359453 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 18.964259 | 50.0 | 660213.0 | 0.379285 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 75.035804 | 50.0 | 696852.0 | 0.375179 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 195.830809 | 50.0 | 701503.0 | 0.391662 | Y |



## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

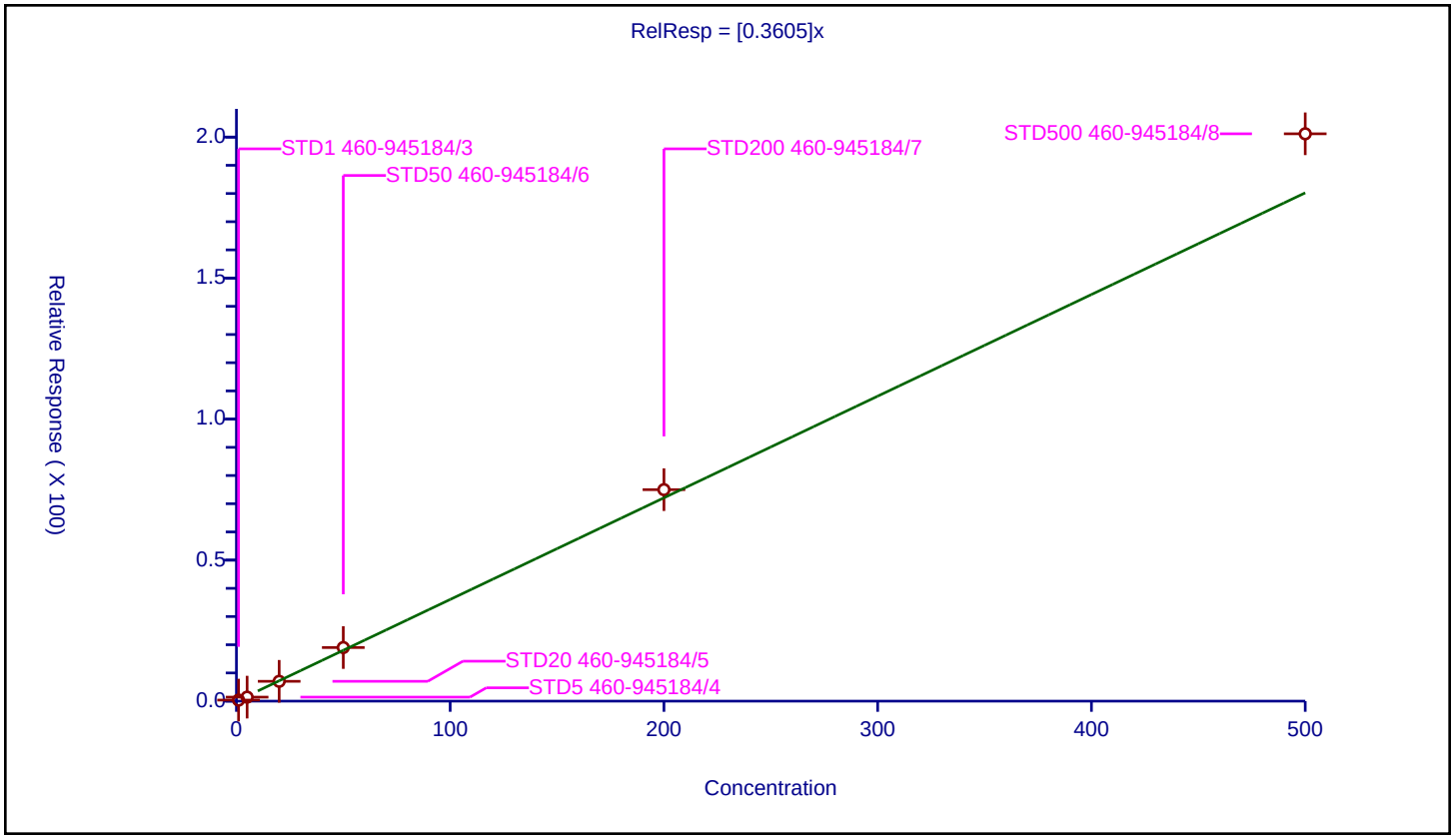
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3605 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1350000 |
| **Relative Standard Error:** | 11.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.369353 | 50.0 | 604842.0 | 0.369353 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.422968 | 50.0 | 607322.0 | 0.284594 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 7.026785 | 50.0 | 654460.0 | 0.351339 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 19.007578 | 50.0 | 660213.0 | 0.380152 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 74.991318 | 50.0 | 696852.0 | 0.374957 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 201.172126 | 50.0 | 701503.0 | 0.402344 | Y |






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## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

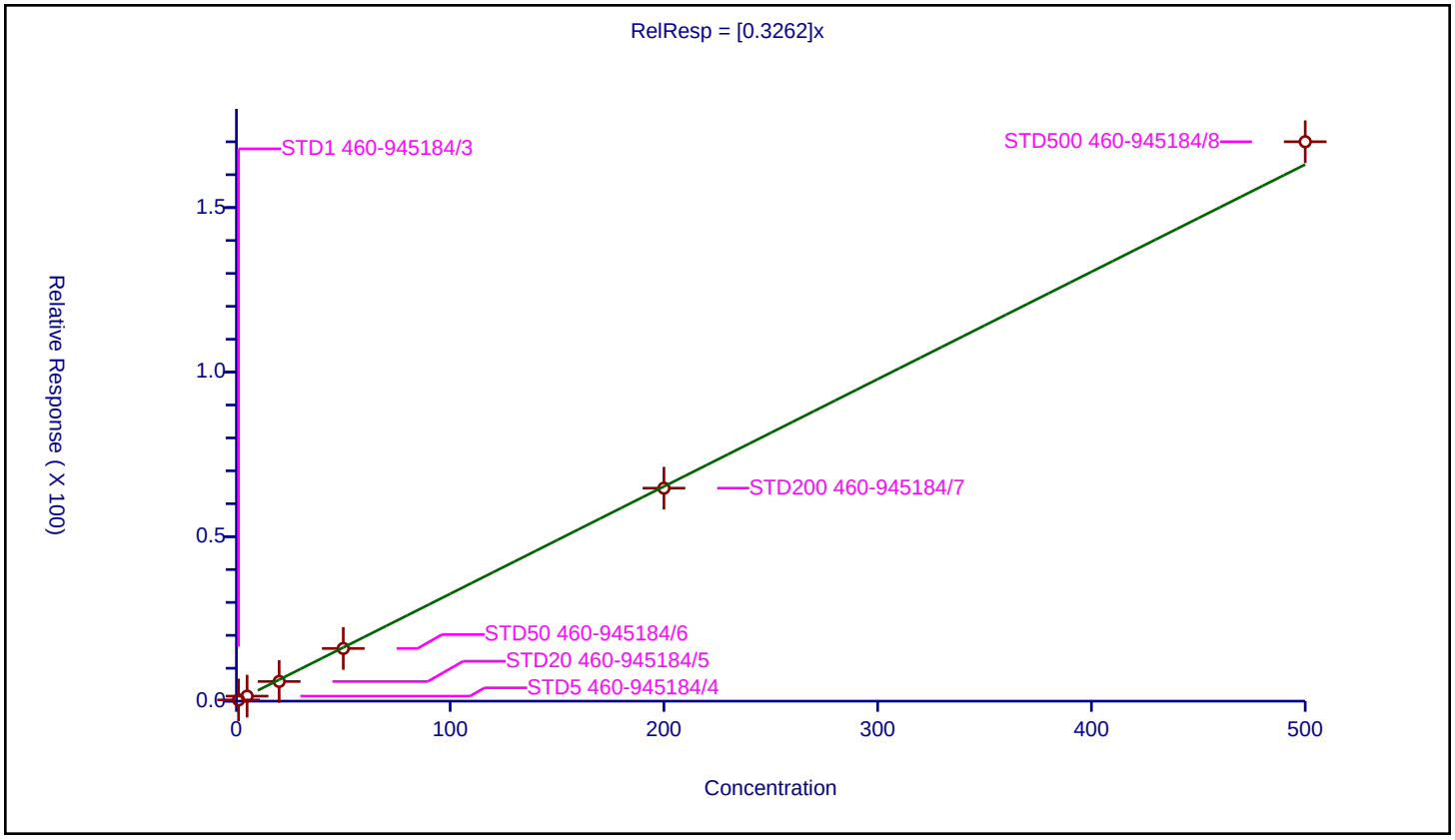
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3262 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1140000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.369766 | 50.0 | 604842.0 | 0.369766 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.522421 | 50.0 | 607322.0 | 0.304484 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.980732 | 50.0 | 654460.0 | 0.299037 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 16.012181 | 50.0 | 660213.0 | 0.320244 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 64.731033 | 50.0 | 696852.0 | 0.323655 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 170.015381 | 50.0 | 701503.0 | 0.340031 | Y |



## Calibration / 1,1-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

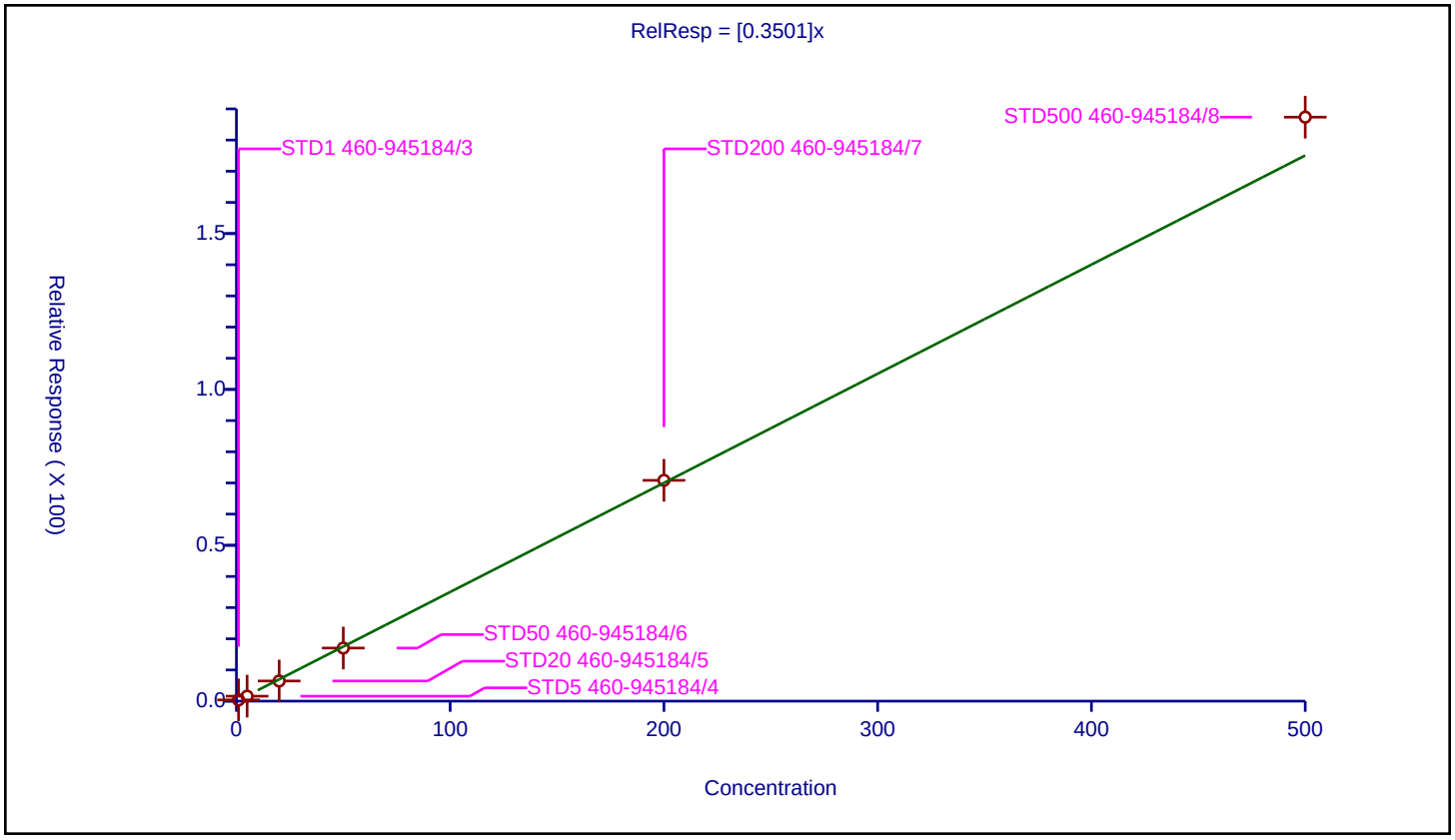
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3501 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1260000 |
| **Relative Standard Error:** | 7.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.388614 | 50.0 | 604842.0 | 0.388614 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.59627 | 50.0 | 607322.0 | 0.319254 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 6.46342 | 50.0 | 654460.0 | 0.323171 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 17.034427 | 50.0 | 660213.0 | 0.340689 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 70.839719 | 50.0 | 696852.0 | 0.354199 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 187.352798 | 50.0 | 701503.0 | 0.374706 | 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 |

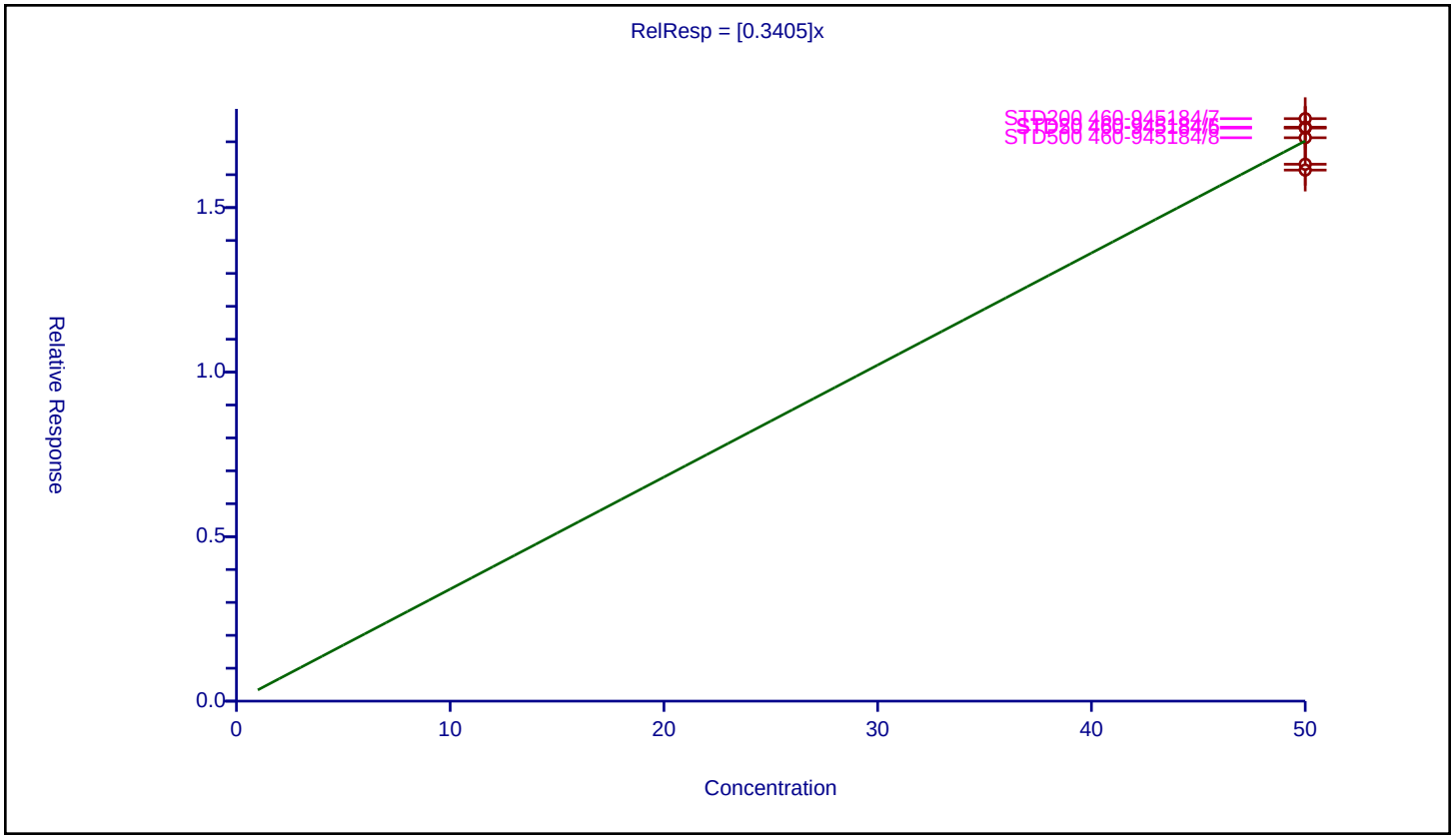
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3405 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 245000 |
| **Relative Standard Error:** | 3.8 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 50.0 | 16.140827 | 50.0 | 604842.0 | 0.322817 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 16.317703 | 50.0 | 607322.0 | 0.326354 | Y |
| 3 | STD20 460-945184/5 | 50.0 | 17.444764 | 50.0 | 654460.0 | 0.348895 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 17.417636 | 50.0 | 660213.0 | 0.348353 | Y |
| 5 | STD200 460-945184/7 | 50.0 | 17.704118 | 50.0 | 696852.0 | 0.354082 | Y |
| 6 | STD500 460-945184/8 | 50.0 | 17.123234 | 50.0 | 701503.0 | 0.342465 | Y |



## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

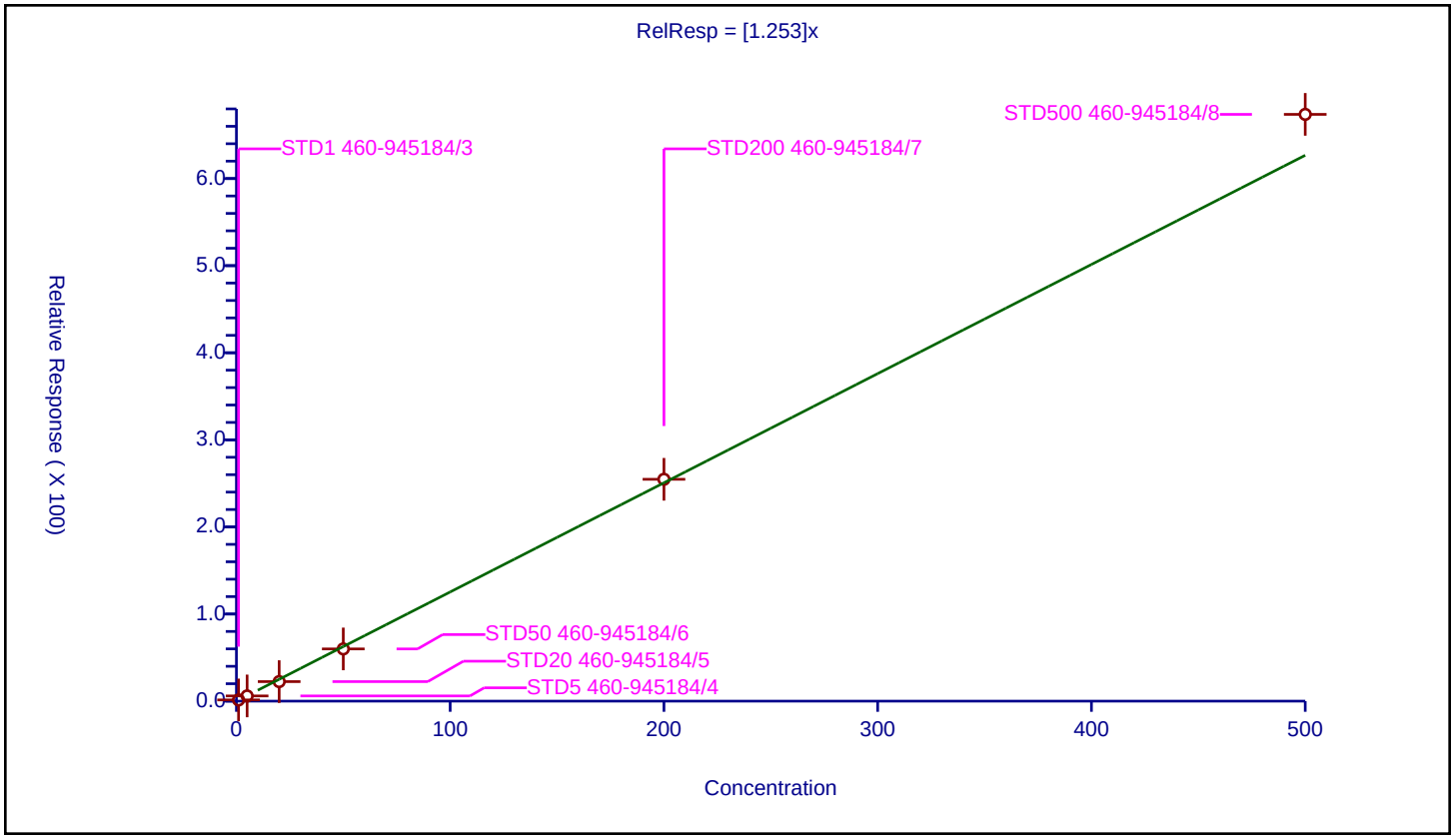
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.253 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3560000 |
| **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 | STD1 460-945184/3 | 1.0 | 1.382997 | 50.0 | 474766.0 | 1.382997 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 5.983614 | 50.0 | 485526.0 | 1.196723 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 22.418602 | 50.0 | 531679.0 | 1.12093 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 59.945895 | 50.0 | 531003.0 | 1.198918 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 254.723033 | 50.0 | 542014.0 | 1.273615 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 673.713919 | 50.0 | 551851.0 | 1.347428 | Y |



## Calibration / Isobutyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

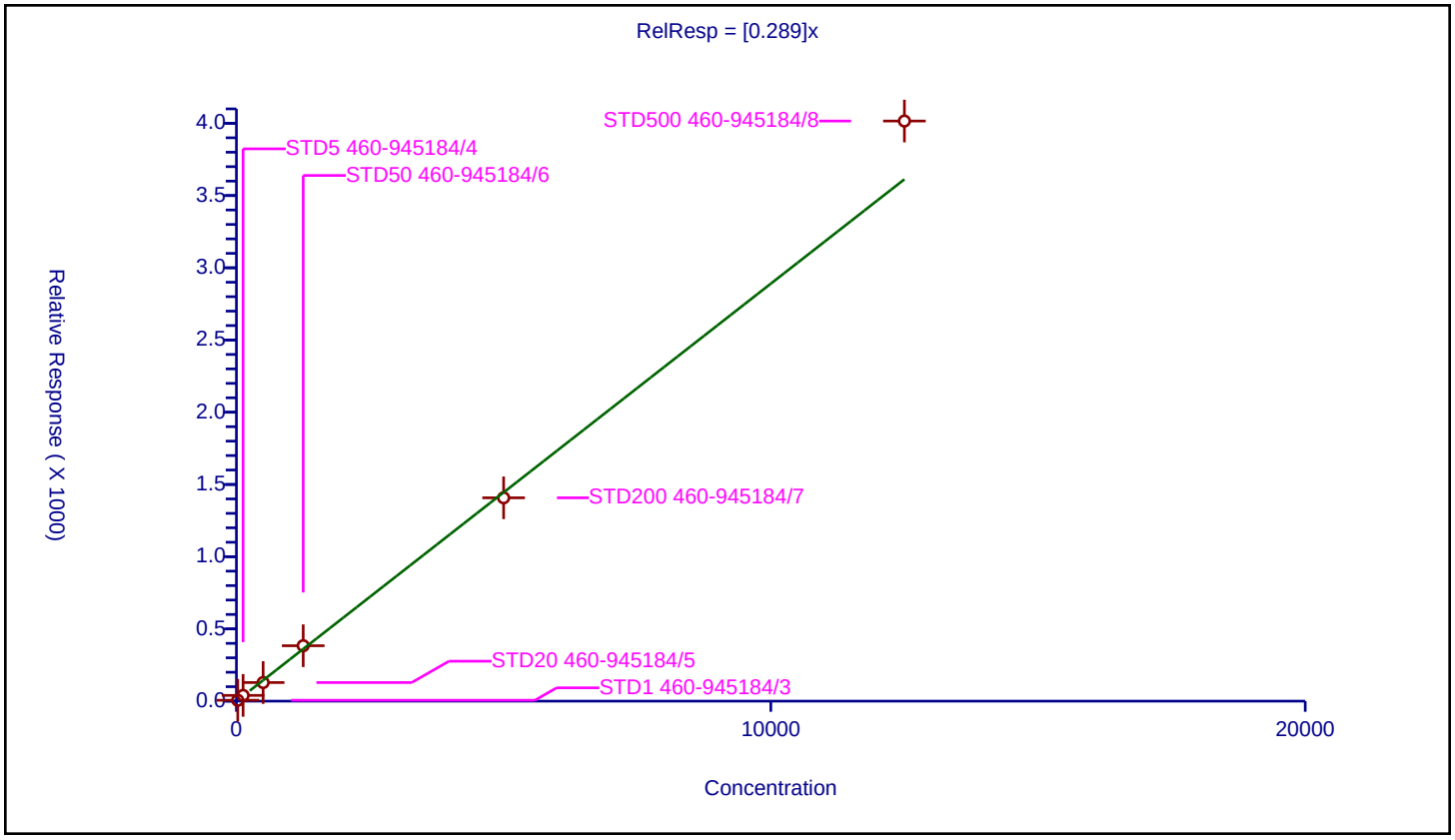
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.289 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 746000 |
| **Relative Standard Error:** | 10.8 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 25.0 | 6.215807 | 1000.0 | 331574.0 | 0.248632 | Y |
| 2 | STD5 460-945184/4 | 125.0 | 39.76331 | 1000.0 | 339685.0 | 0.318106 | Y |
| 3 | STD20 460-945184/5 | 500.0 | 128.782448 | 1000.0 | 380805.0 | 0.257565 | Y |
| 4 | STD50 460-945184/6 | 1250.0 | 383.658382 | 1000.0 | 335181.0 | 0.306927 | Y |
| 5 | STD200 460-945184/7 | 5000.0 | 1407.598655 | 1000.0 | 358853.0 | 0.28152 | Y |
| 6 | STD500 460-945184/8 | 12500.0 | 4015.938897 | 1000.0 | 395134.0 | 0.321275 | Y |






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## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

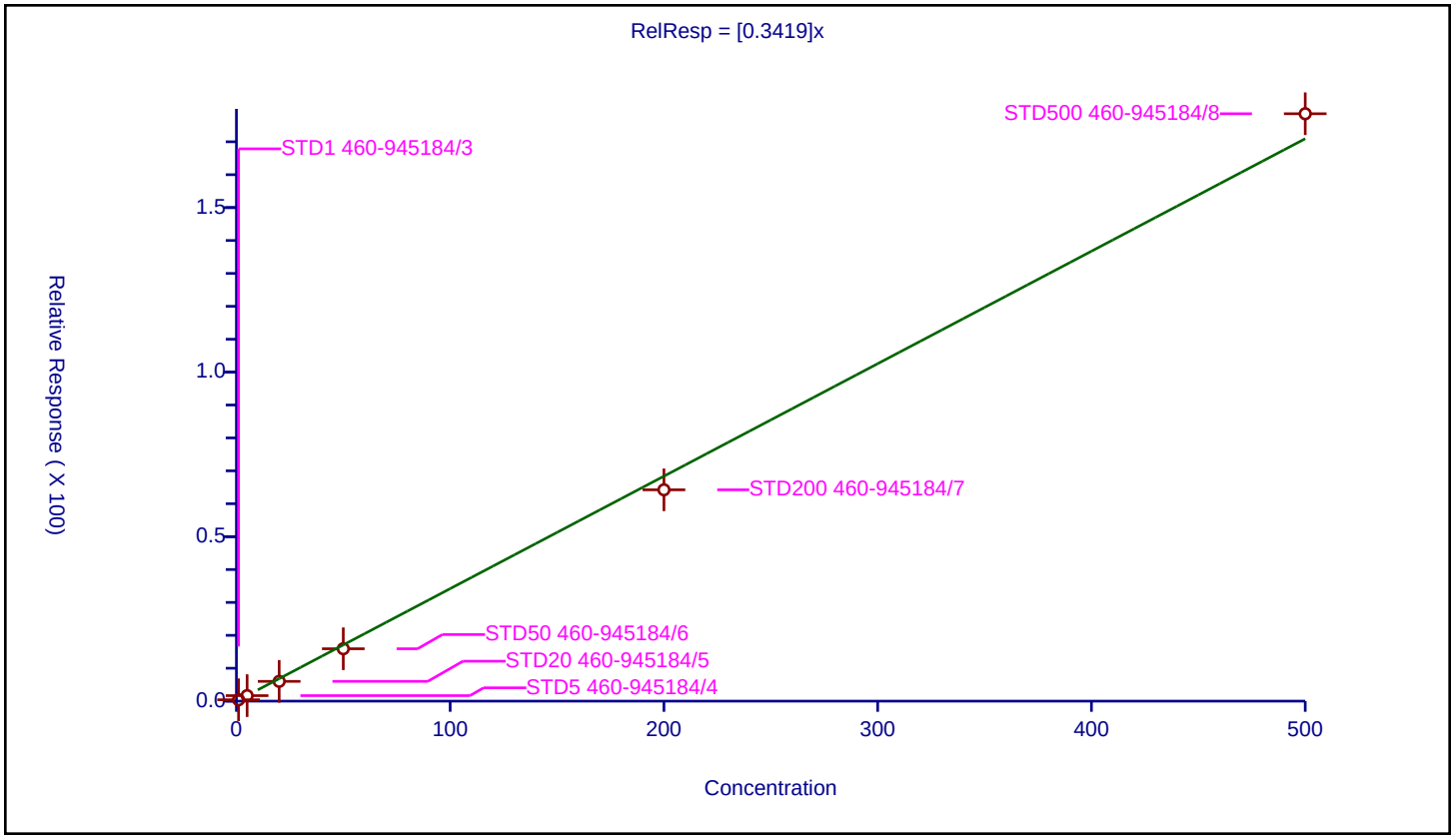
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3419 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1190000 |
| **Relative Standard Error:** | 12.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.980 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.419448 | 50.0 | 604842.0 | 0.419448 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.672836 | 50.0 | 607322.0 | 0.334567 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 6.010528 | 50.0 | 654460.0 | 0.300526 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 15.922286 | 50.0 | 660213.0 | 0.318446 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 64.23021 | 50.0 | 696852.0 | 0.321151 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 178.530241 | 50.0 | 701503.0 | 0.35706 | Y |



## Calibration / Isopropyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

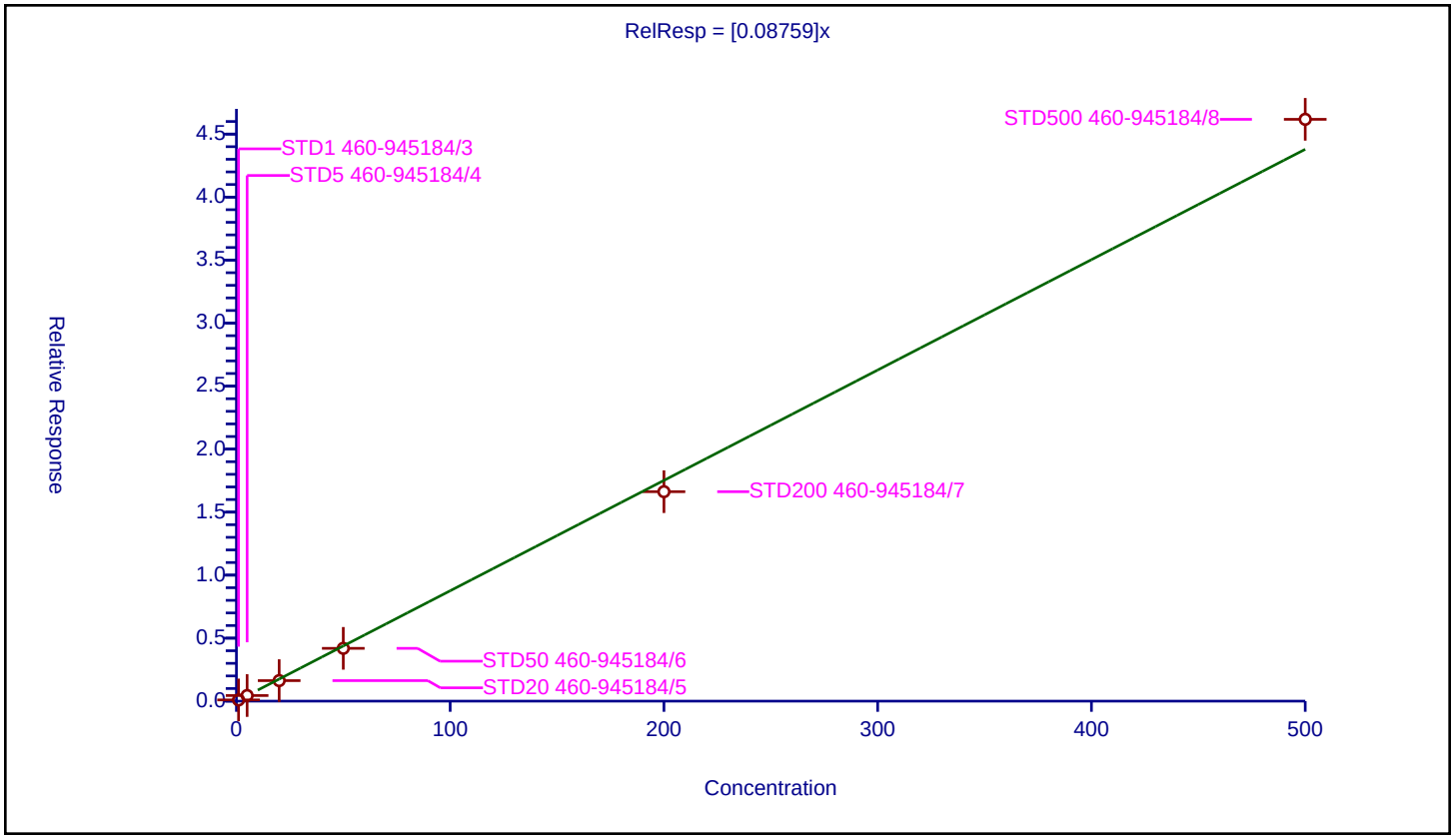
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08759 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 309000 |
| **Relative Standard Error:** | 6.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.09581 | 50.0 | 604842.0 | 0.09581 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.444986 | 50.0 | 607322.0 | 0.088997 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 1.628671 | 50.0 | 654460.0 | 0.081434 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 4.191147 | 50.0 | 660213.0 | 0.083823 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 16.623185 | 50.0 | 696852.0 | 0.083116 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 46.172219 | 50.0 | 701503.0 | 0.092344 | Y |






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## Calibration / Tert-amyl methyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

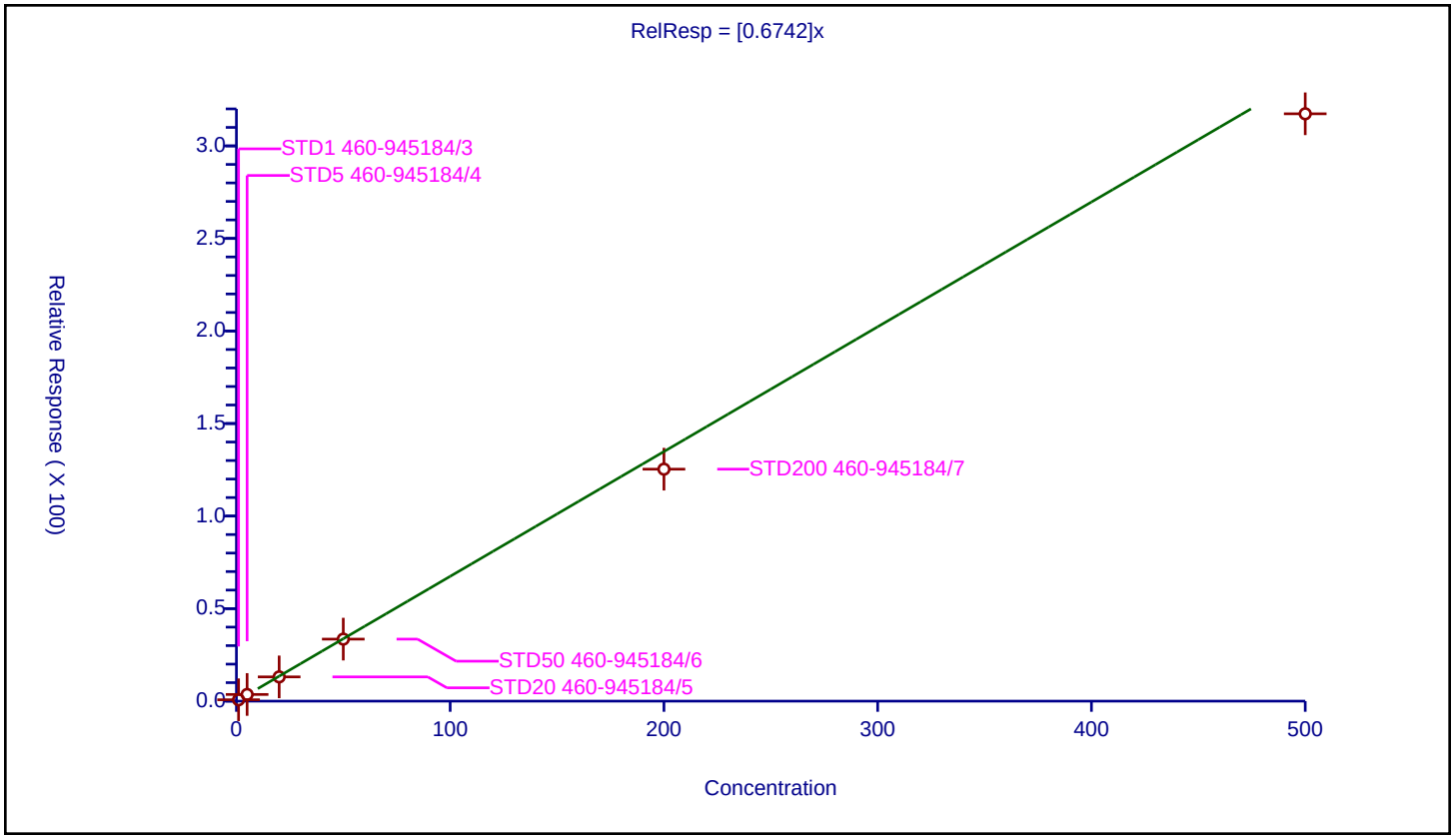
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6742 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2150000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.7373 | 50.0 | 604842.0 | 0.7373 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.605913 | 50.0 | 607322.0 | 0.721183 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 13.107829 | 50.0 | 654460.0 | 0.655391 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 33.504036 | 50.0 | 660213.0 | 0.670081 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 125.332711 | 50.0 | 696852.0 | 0.626664 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 317.357018 | 50.0 | 701503.0 | 0.634714 | Y |






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## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

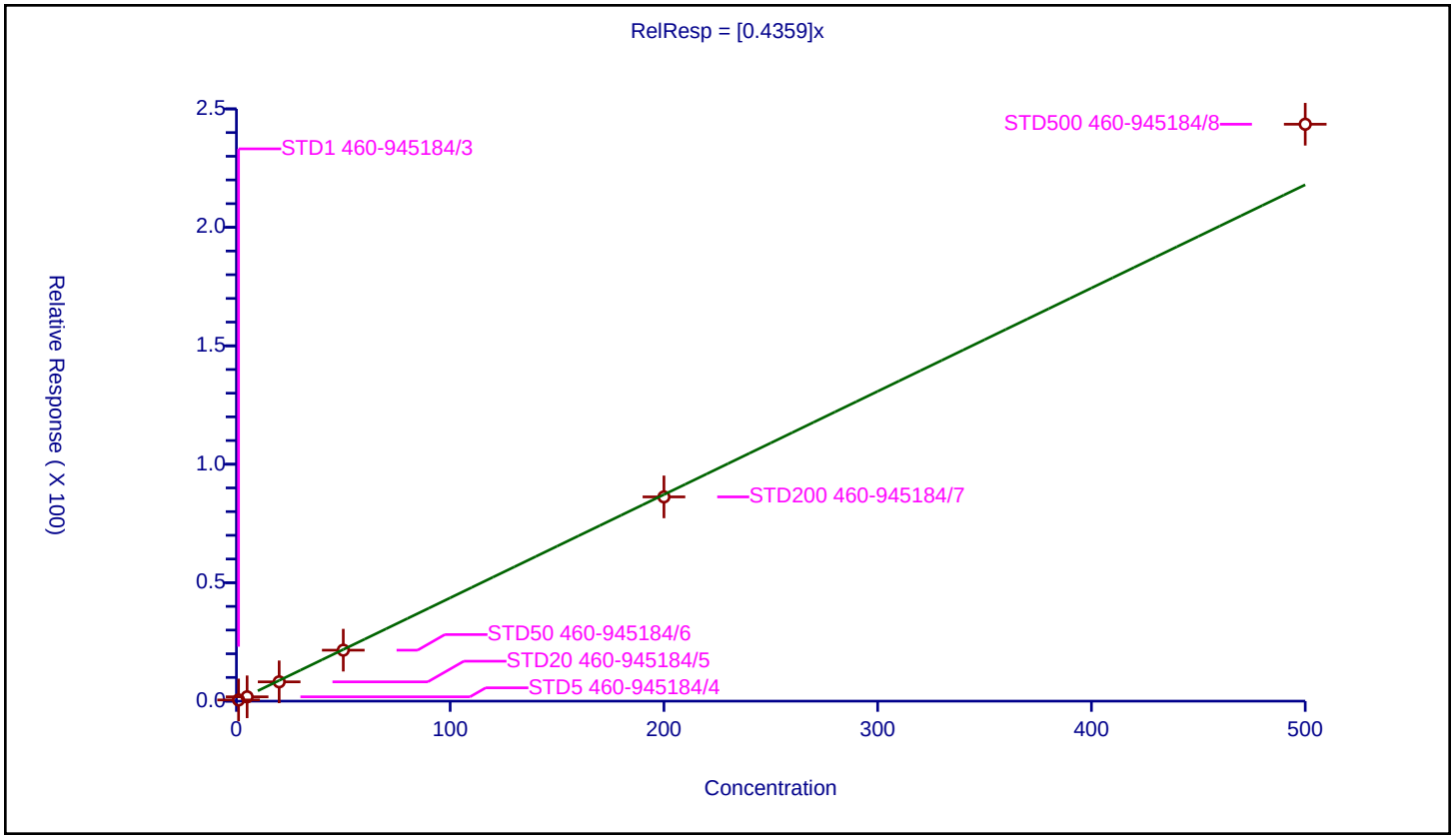
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4359 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1630000 |
| **Relative Standard Error:** | 11.3 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.495749 | 50.0 | 604842.0 | 0.495749 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.822509 | 50.0 | 607322.0 | 0.364502 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 8.14007 | 50.0 | 654460.0 | 0.407003 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 21.51336 | 50.0 | 660213.0 | 0.430267 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 86.213931 | 50.0 | 696852.0 | 0.43107 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 243.526899 | 50.0 | 701503.0 | 0.487054 | Y |






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## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

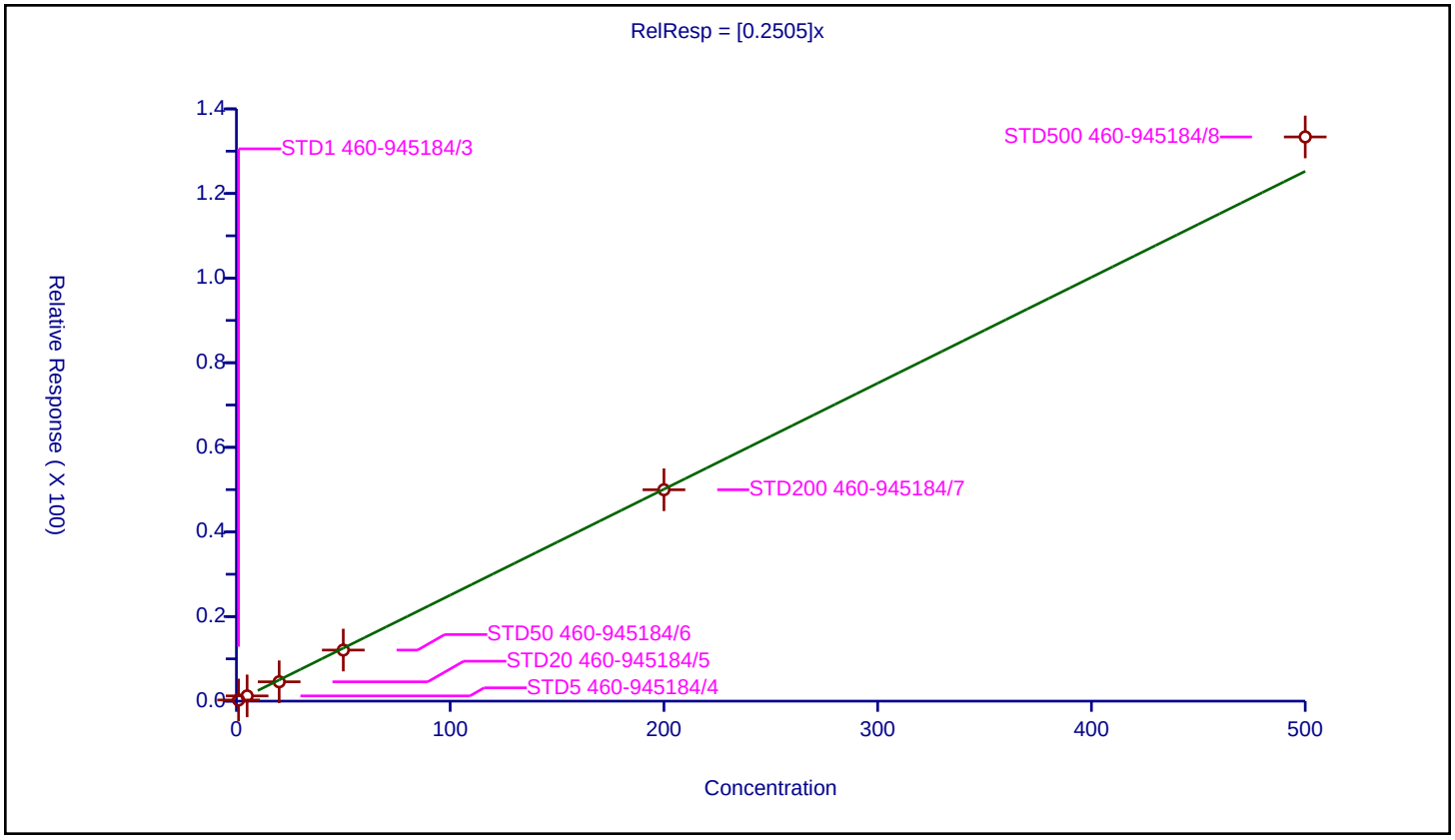
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2505 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 896000 |
| **Relative Standard Error:** | 6.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.268996 | 50.0 | 604842.0 | 0.268996 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.236741 | 50.0 | 607322.0 | 0.247348 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.572701 | 50.0 | 654460.0 | 0.228635 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 12.070423 | 50.0 | 660213.0 | 0.241408 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 49.970797 | 50.0 | 696852.0 | 0.249854 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 133.372416 | 50.0 | 701503.0 | 0.266745 | Y |



## Calibration / n-Butanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

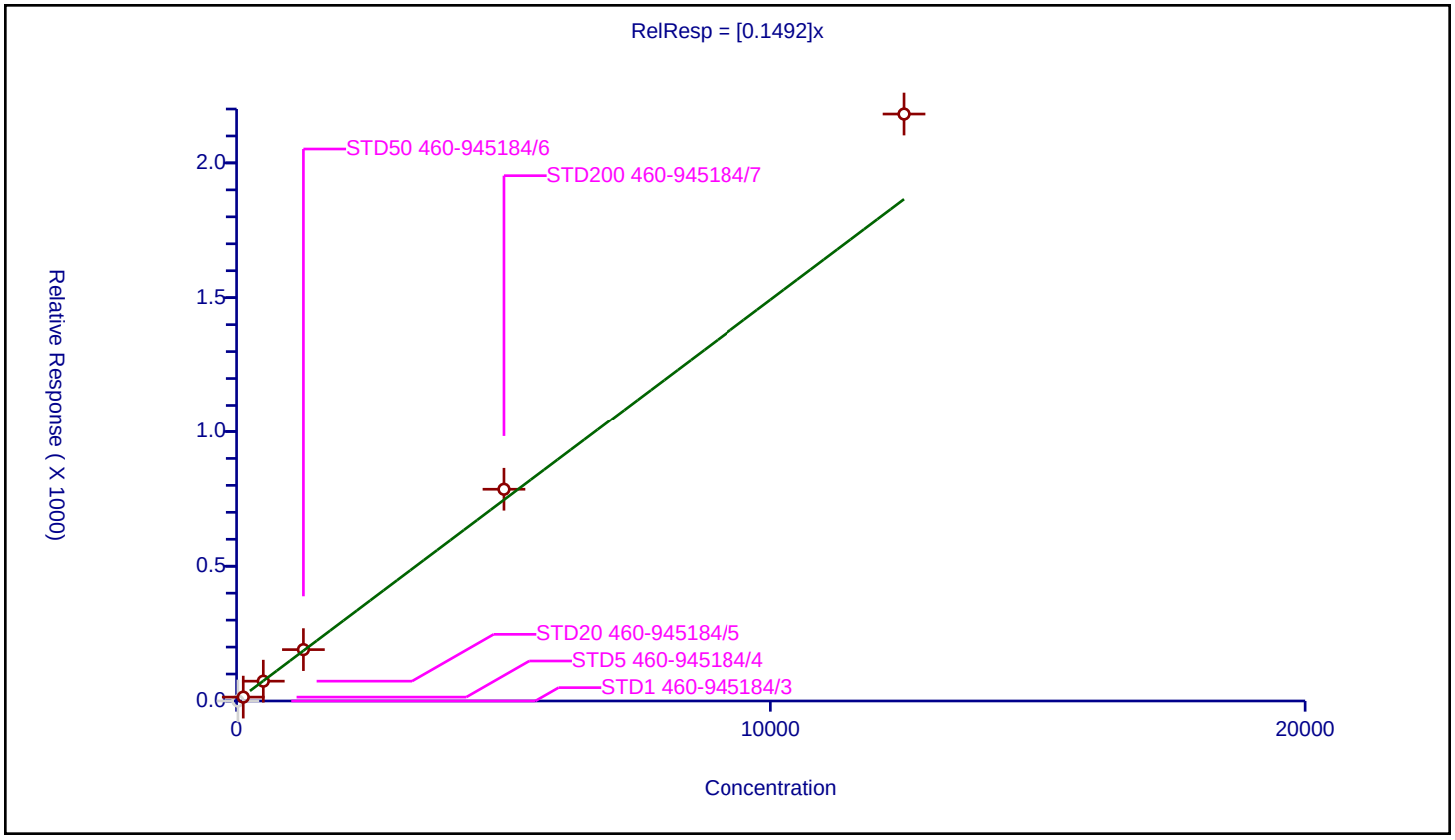
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1492 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 454000 |
| **Relative Standard Error:** | 14.6 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 25.0 | 0.0 | 1000.0 | 331574.0 | 0.0 | N |
| 2 | STD5 460-945184/4 | 125.0 | 14.369195 | 1000.0 | 339685.0 | 0.114954 | Y |
| 3 | STD20 460-945184/5 | 500.0 | 73.557332 | 1000.0 | 380805.0 | 0.147115 | Y |
| 4 | STD50 460-945184/6 | 1250.0 | 190.628347 | 1000.0 | 335181.0 | 0.152503 | Y |
| 5 | STD200 460-945184/7 | 5000.0 | 785.558432 | 1000.0 | 358853.0 | 0.157112 | Y |
| 6 | STD500 460-945184/8 | 12500.0 | 2181.366321 | 1000.0 | 395134.0 | 0.174509 | Y |






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## Calibration / Ethyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

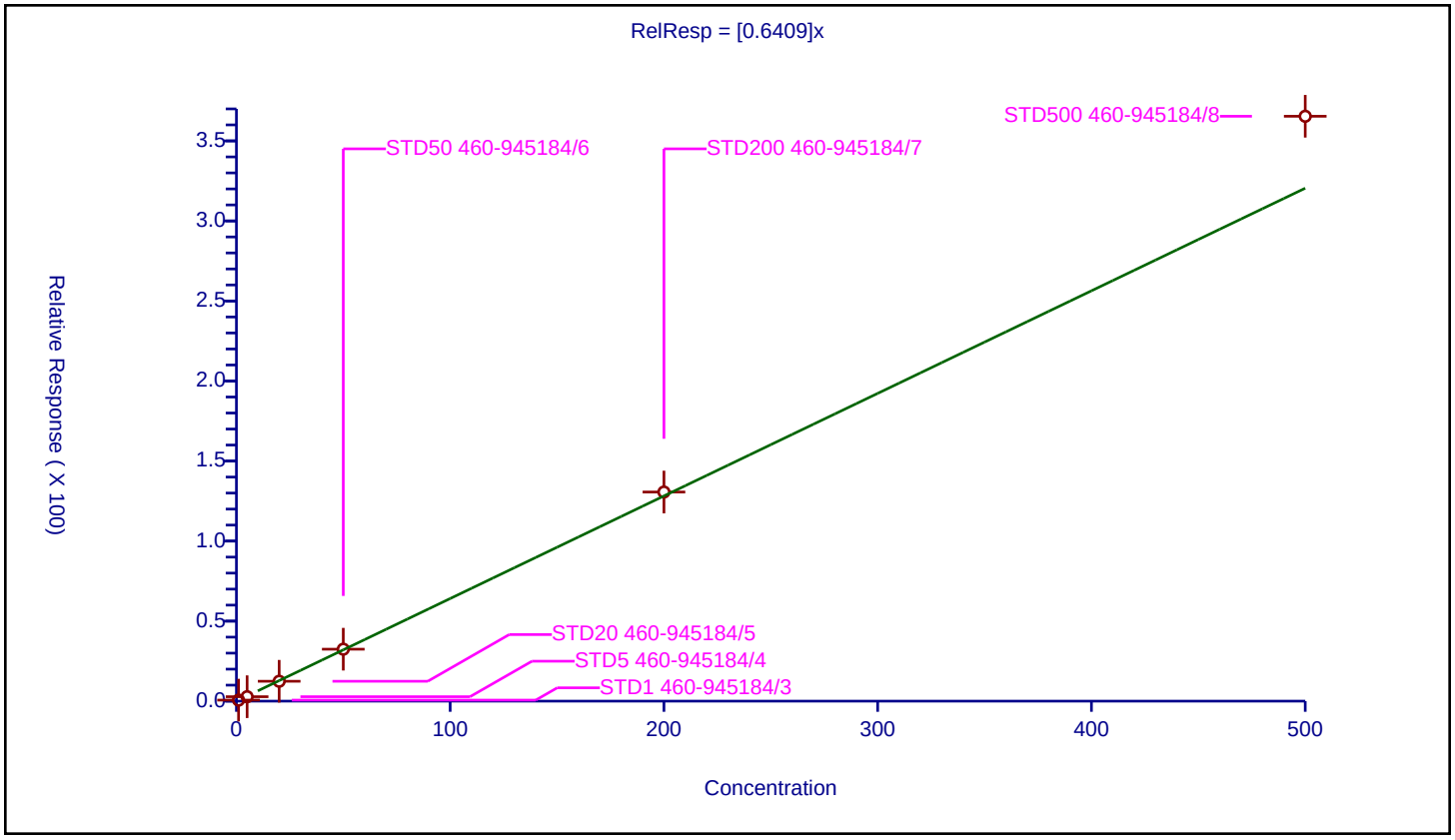
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6409 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2440000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.638597 | 50.0 | 604842.0 | 0.638597 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.763279 | 50.0 | 607322.0 | 0.552656 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 12.418941 | 50.0 | 654460.0 | 0.620947 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 32.45445 | 50.0 | 660213.0 | 0.649089 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 130.643666 | 50.0 | 696852.0 | 0.653218 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 365.388886 | 50.0 | 701503.0 | 0.730778 | Y |






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## Calibration / Methylcyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

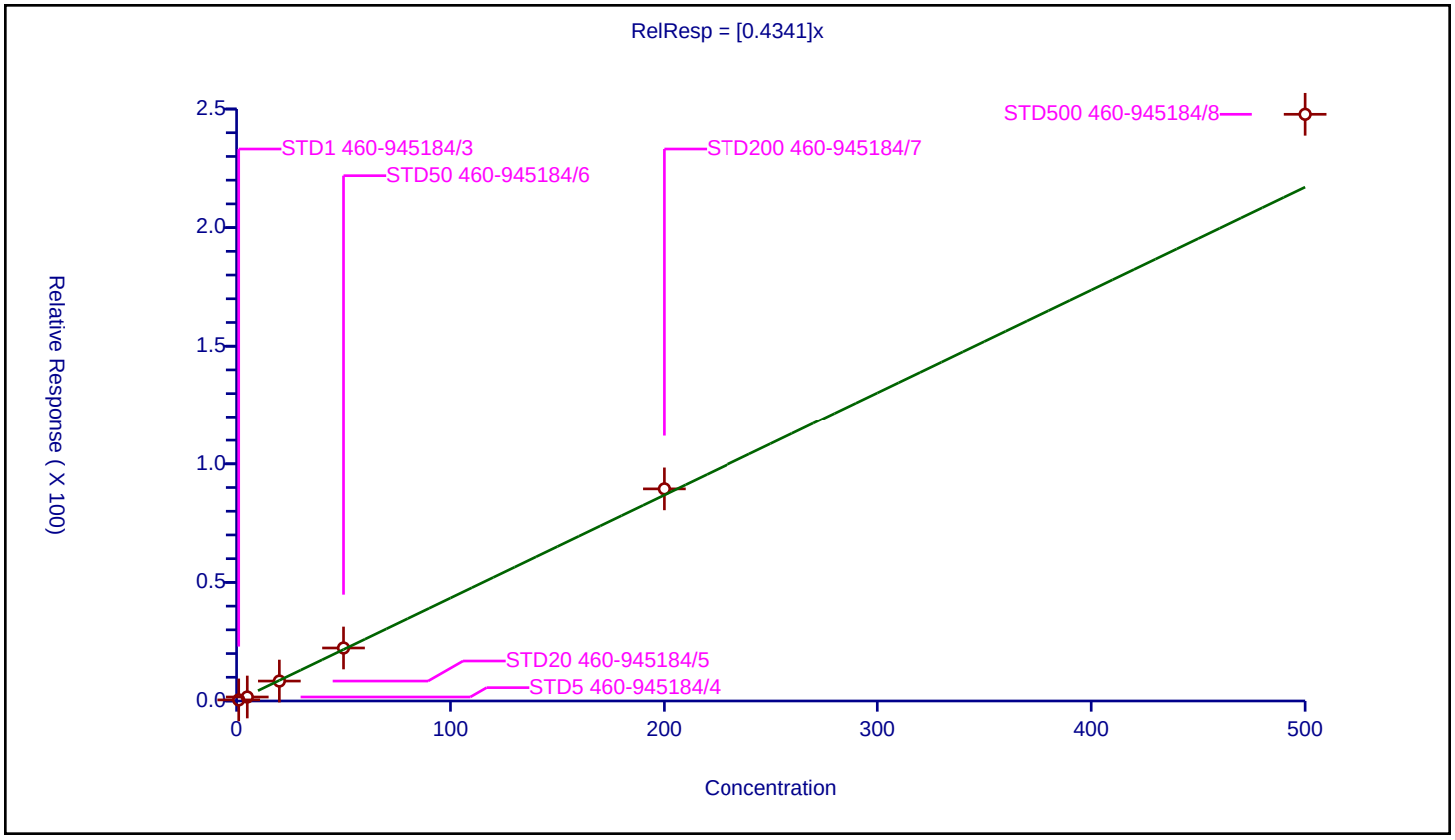
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4341 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1660000 |
| **Relative Standard Error:** | 12.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.459789 | 50.0 | 604842.0 | 0.459789 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.676458 | 50.0 | 607322.0 | 0.335292 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 8.402653 | 50.0 | 654460.0 | 0.420133 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 22.345743 | 50.0 | 660213.0 | 0.446915 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 89.429391 | 50.0 | 696852.0 | 0.447147 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 247.778128 | 50.0 | 701503.0 | 0.495556 | Y |






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## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

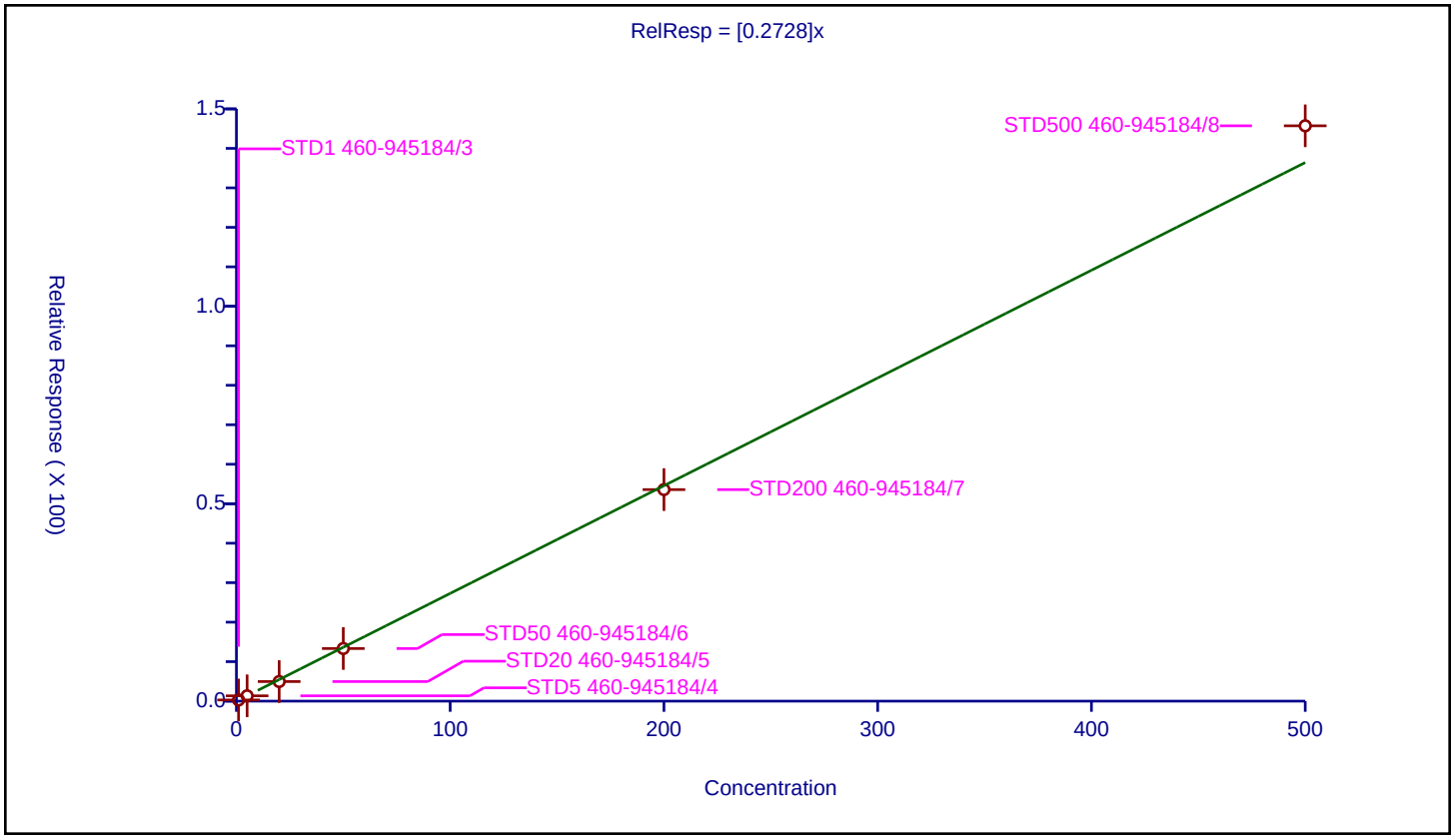
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2728 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 977000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.293217 | 50.0 | 604842.0 | 0.293217 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.348626 | 50.0 | 607322.0 | 0.269725 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.962335 | 50.0 | 654460.0 | 0.248117 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 13.326911 | 50.0 | 660213.0 | 0.266538 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 53.5801 | 50.0 | 696852.0 | 0.267901 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 145.716982 | 50.0 | 701503.0 | 0.291434 | Y |






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## Calibration / Dibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

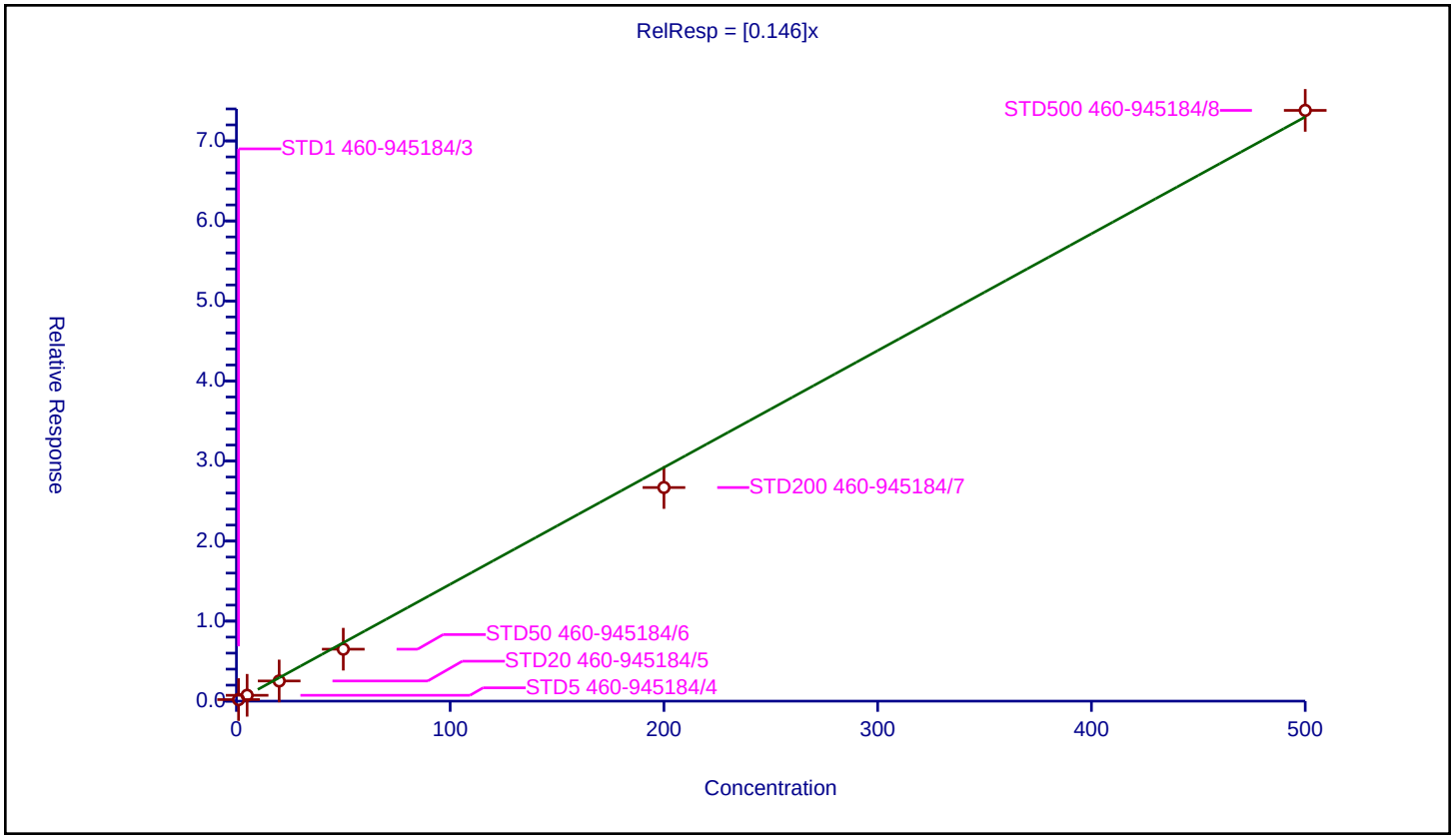
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.146 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 494000 |
| **Relative Standard Error:** | 16.9 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.962 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.193191 | 50.0 | 604842.0 | 0.193191 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.729267 | 50.0 | 607322.0 | 0.145853 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 2.520017 | 50.0 | 654460.0 | 0.126001 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 6.491466 | 50.0 | 660213.0 | 0.129829 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 26.692468 | 50.0 | 696852.0 | 0.133462 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 73.814296 | 50.0 | 701503.0 | 0.147629 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

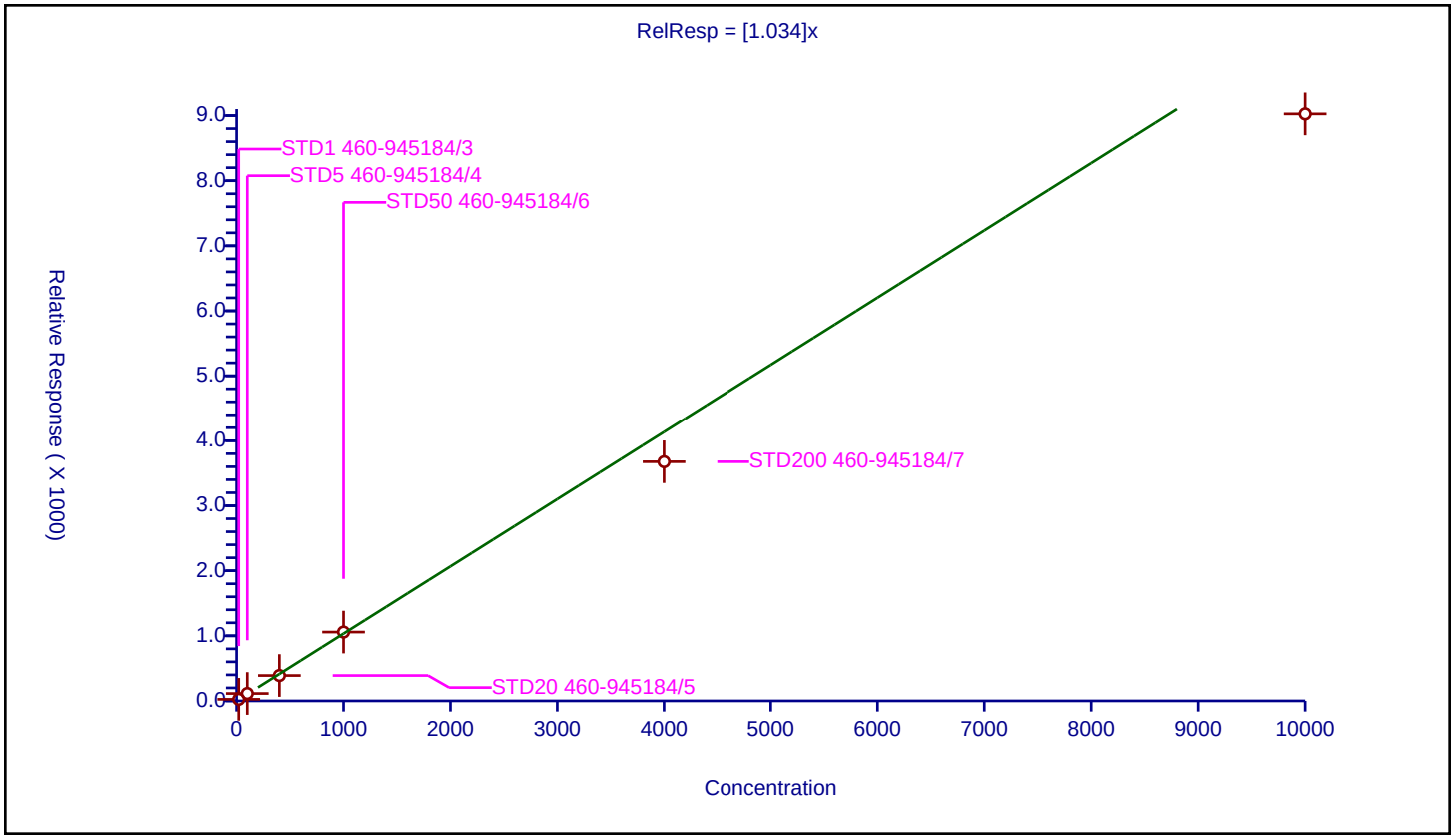
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.034 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 172000 |
| **Relative Standard Error:** | 12.0 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 20.0 | 24.268542 | 1000.0 | 26454.0 | 1.213427 | Y |
| 2 | STD5 460-945184/4 | 100.0 | 113.578039 | 1000.0 | 25718.0 | 1.13578 | Y |
| 3 | STD20 460-945184/5 | 400.0 | 389.774962 | 1000.0 | 32039.0 | 0.974437 | Y |
| 4 | STD50 460-945184/6 | 1000.0 | 1057.741181 | 1000.0 | 29511.0 | 1.057741 | Y |
| 5 | STD200 460-945184/7 | 4000.0 | 3677.114221 | 1000.0 | 33724.0 | 0.919279 | Y |
| 6 | STD500 460-945184/8 | 10000.0 | 9026.088217 | 1000.0 | 41398.0 | 0.902609 | Y |






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## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

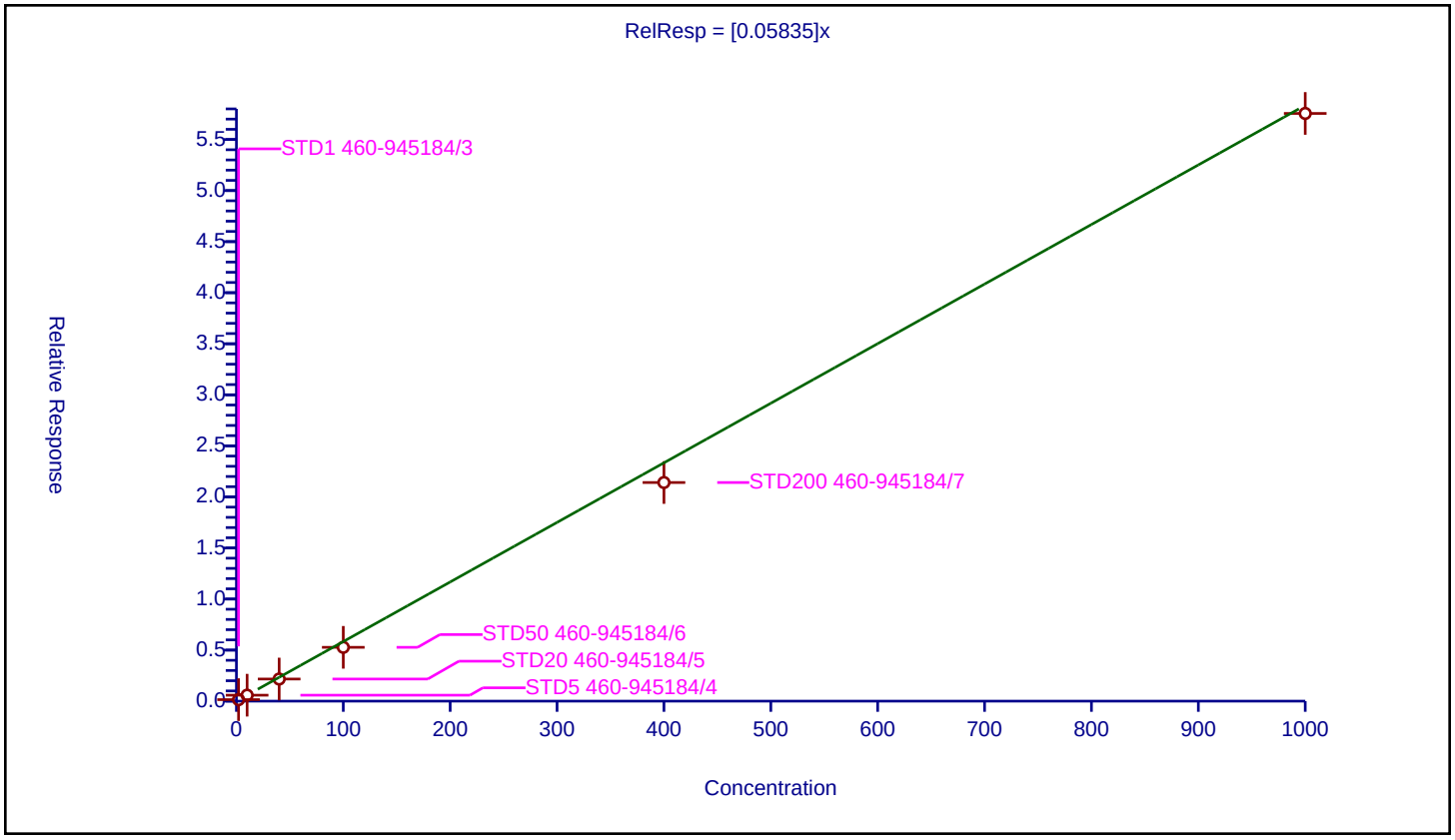
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05835 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 386000 |
| **Relative Standard Error:** | 13.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.976 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 2.0 | 0.147807 | 50.0 | 604842.0 | 0.073904 | Y |
| 2 | STD5 460-945184/4 | 10.0 | 0.582475 | 50.0 | 607322.0 | 0.058248 | Y |
| 3 | STD20 460-945184/5 | 40.0 | 2.166519 | 50.0 | 654460.0 | 0.054163 | Y |
| 4 | STD50 460-945184/6 | 100.0 | 5.268906 | 50.0 | 660213.0 | 0.052689 | Y |
| 5 | STD200 460-945184/7 | 400.0 | 21.409568 | 50.0 | 696852.0 | 0.053524 | Y |
| 6 | STD500 460-945184/8 | 1000.0 | 57.552926 | 50.0 | 701503.0 | 0.057553 | Y |



## Calibration / n-Propyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

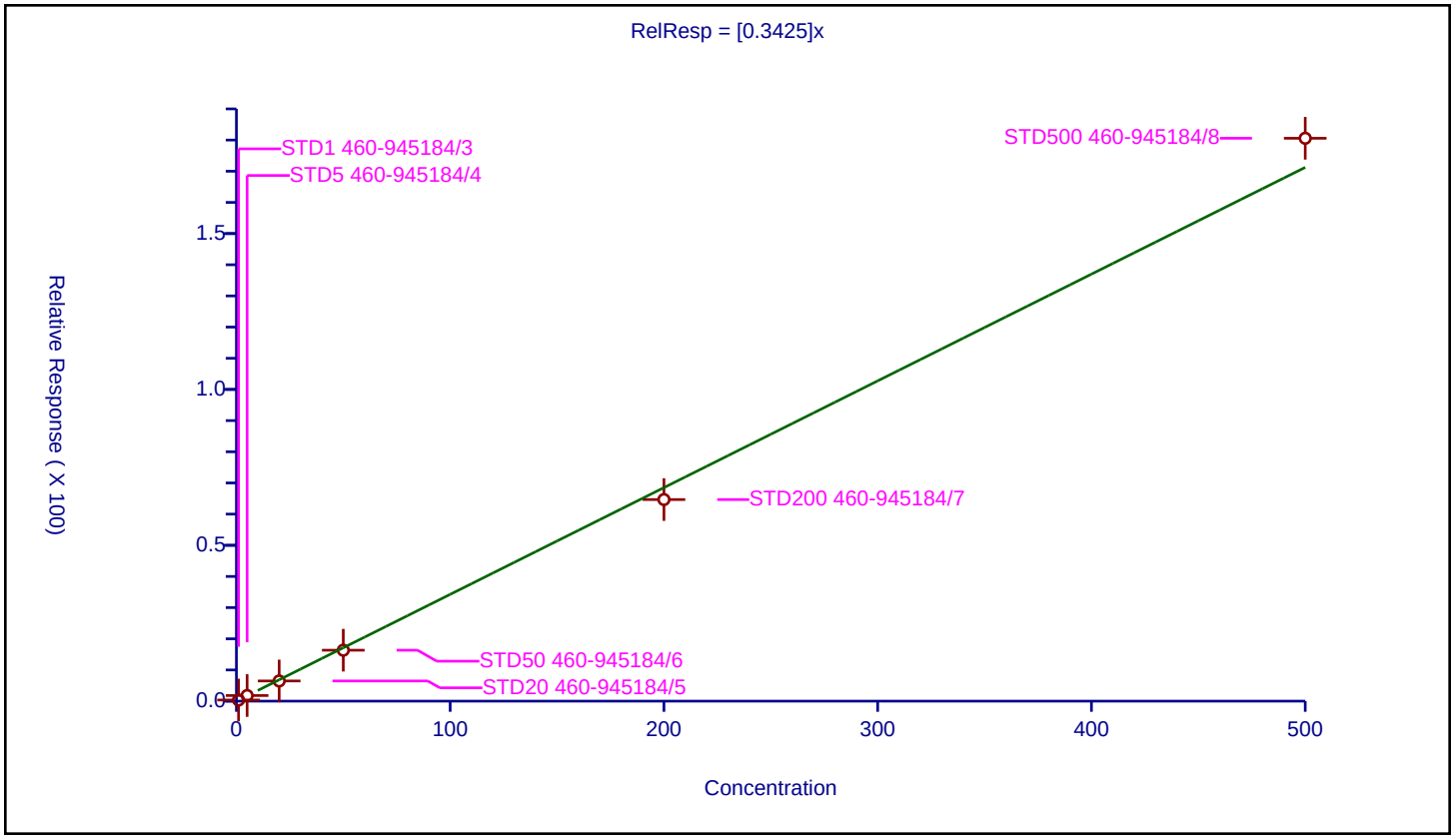
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3425 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1210000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.360921 | 50.0 | 604842.0 | 0.360921 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.794353 | 50.0 | 607322.0 | 0.358871 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 6.474498 | 50.0 | 654460.0 | 0.323725 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 16.340408 | 50.0 | 660213.0 | 0.326808 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 64.672269 | 50.0 | 696852.0 | 0.323361 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 180.573283 | 50.0 | 701503.0 | 0.361147 | Y |






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## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

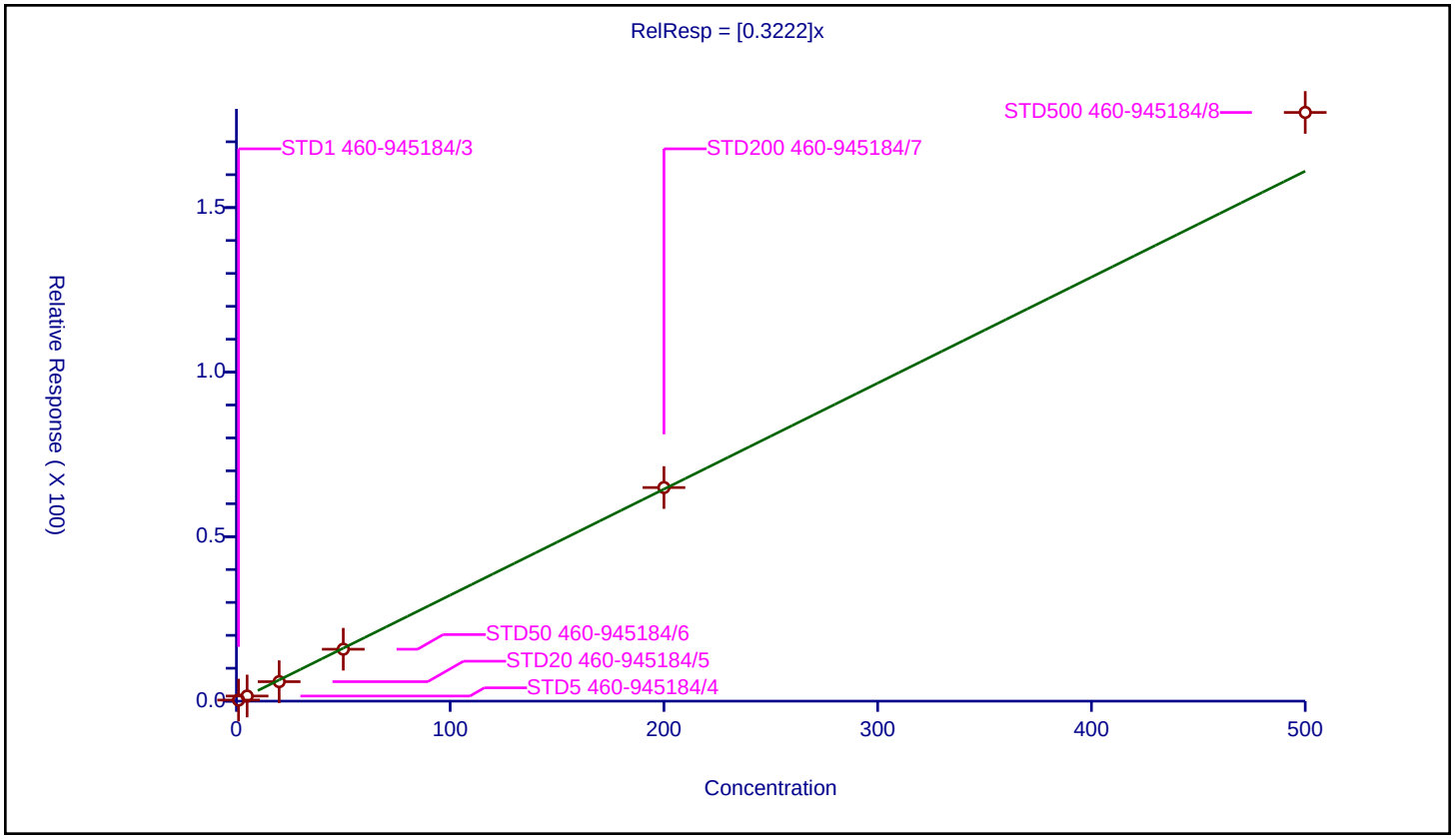
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3222 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1200000 |
| **Relative Standard Error:** | 6.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.327358 | 50.0 | 604842.0 | 0.327358 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.557987 | 50.0 | 607322.0 | 0.311597 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.918238 | 50.0 | 654460.0 | 0.295912 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 15.783921 | 50.0 | 660213.0 | 0.315678 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 64.912636 | 50.0 | 696852.0 | 0.324563 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 178.914844 | 50.0 | 701503.0 | 0.35783 | Y |



## Calibration / 2-Nitropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

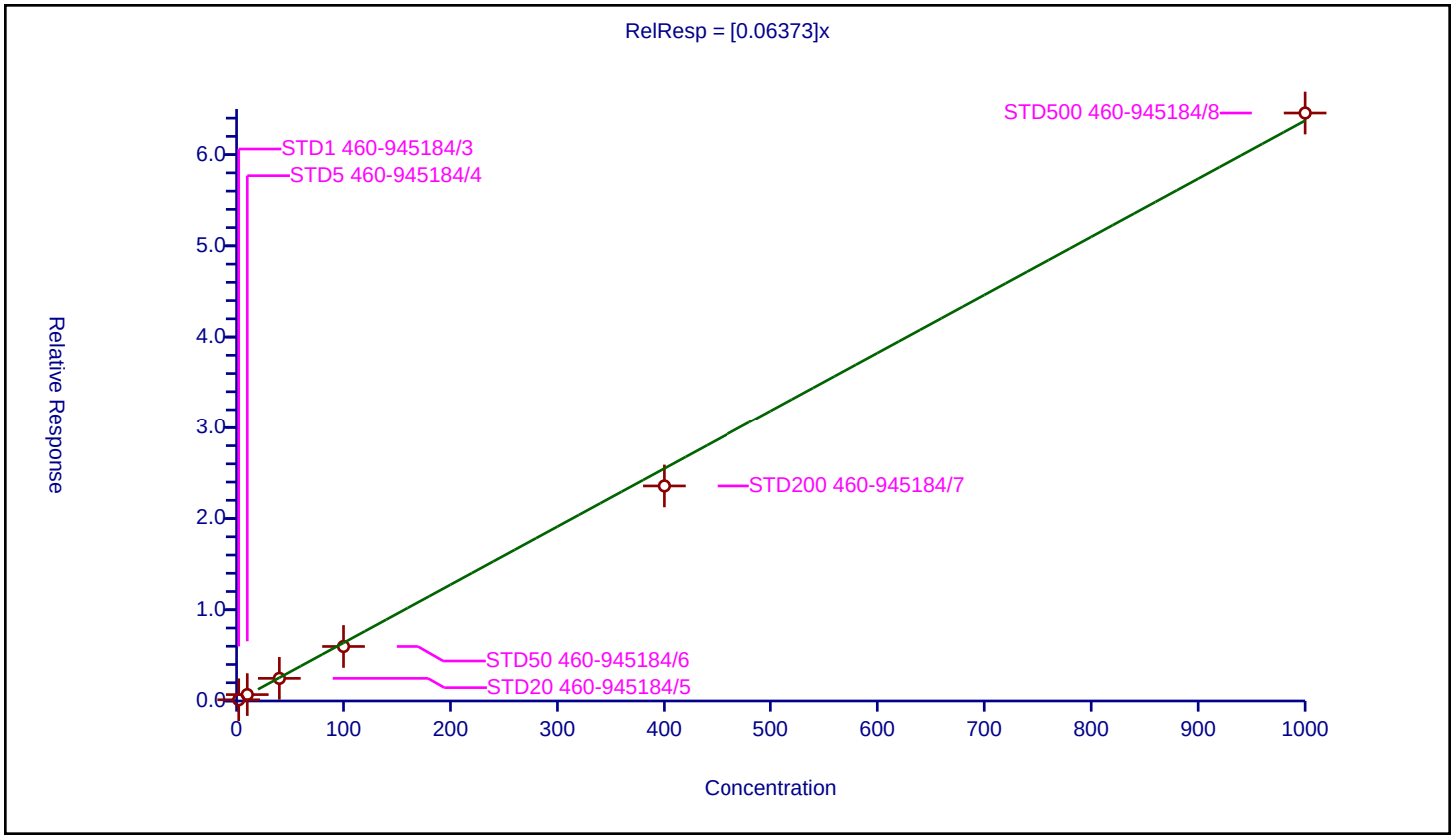
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06373 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 433000 |
| **Relative Standard Error:** | 6.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 2.0 | 0.134002 | 50.0 | 604842.0 | 0.067001 | Y |
| 2 | STD5 460-945184/4 | 10.0 | 0.70144 | 50.0 | 607322.0 | 0.070144 | Y |
| 3 | STD20 460-945184/5 | 40.0 | 2.479907 | 50.0 | 654460.0 | 0.061998 | Y |
| 4 | STD50 460-945184/6 | 100.0 | 5.975117 | 50.0 | 660213.0 | 0.059751 | Y |
| 5 | STD200 460-945184/7 | 400.0 | 23.573298 | 50.0 | 696852.0 | 0.058933 | Y |
| 6 | STD500 460-945184/8 | 1000.0 | 64.560522 | 50.0 | 701503.0 | 0.064561 | 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 |

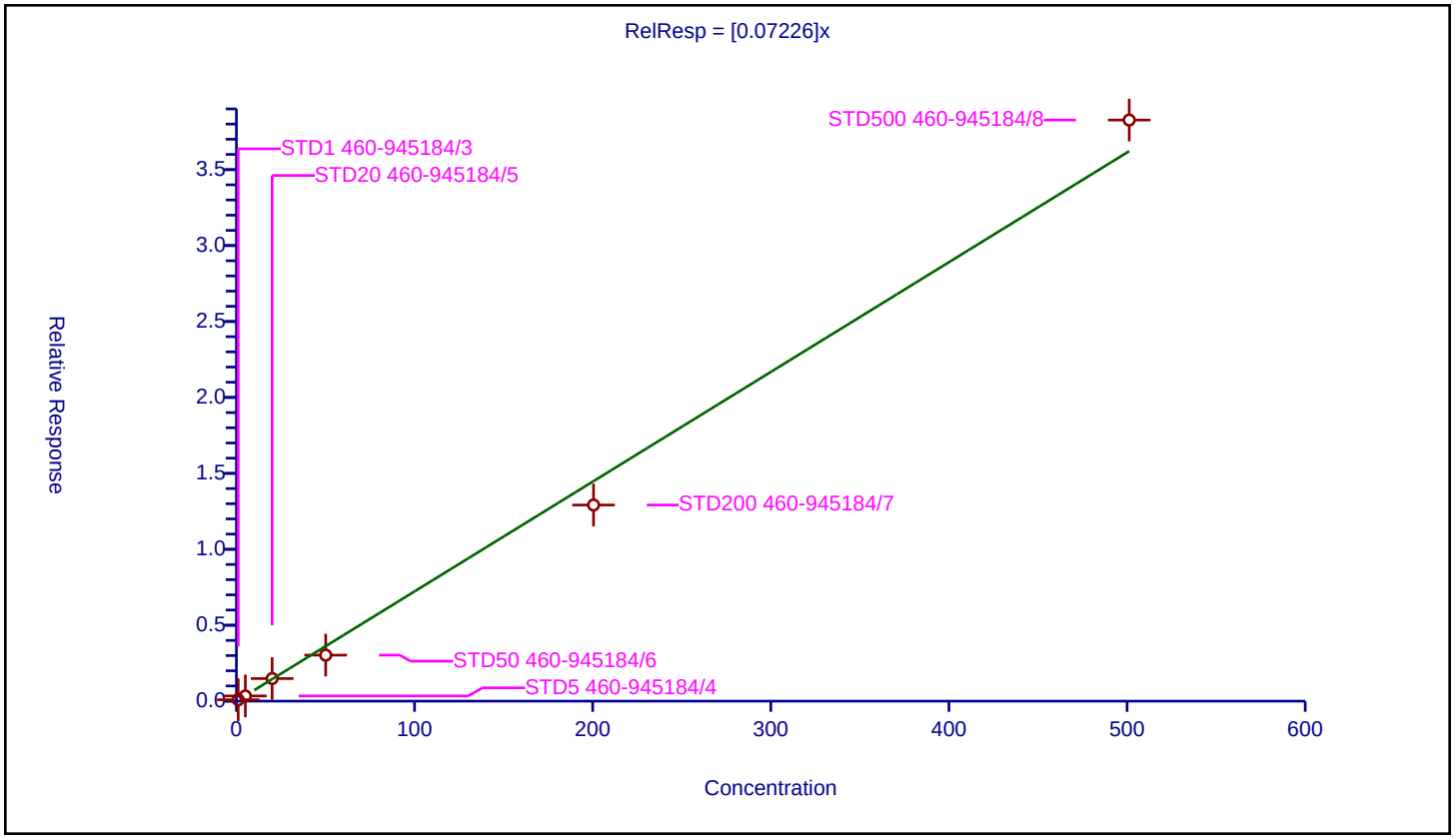
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07226 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 254000 |
| **Relative Standard Error:** | 14.5 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.973 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0024 | 0.090189 | 50.0 | 604842.0 | 0.089973 | Y |
| 2 | STD5 460-945184/4 | 5.012 | 0.342158 | 50.0 | 607322.0 | 0.068268 | Y |
| 3 | STD20 460-945184/5 | 20.048 | 1.485652 | 50.0 | 654460.0 | 0.074105 | Y |
| 4 | STD50 460-945184/6 | 50.12 | 3.02925 | 50.0 | 660213.0 | 0.06044 | Y |
| 5 | STD200 460-945184/7 | 200.48 | 12.914866 | 50.0 | 696852.0 | 0.06442 | Y |
| 6 | STD500 460-945184/8 | 501.2 | 38.265339 | 50.0 | 701503.0 | 0.076347 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

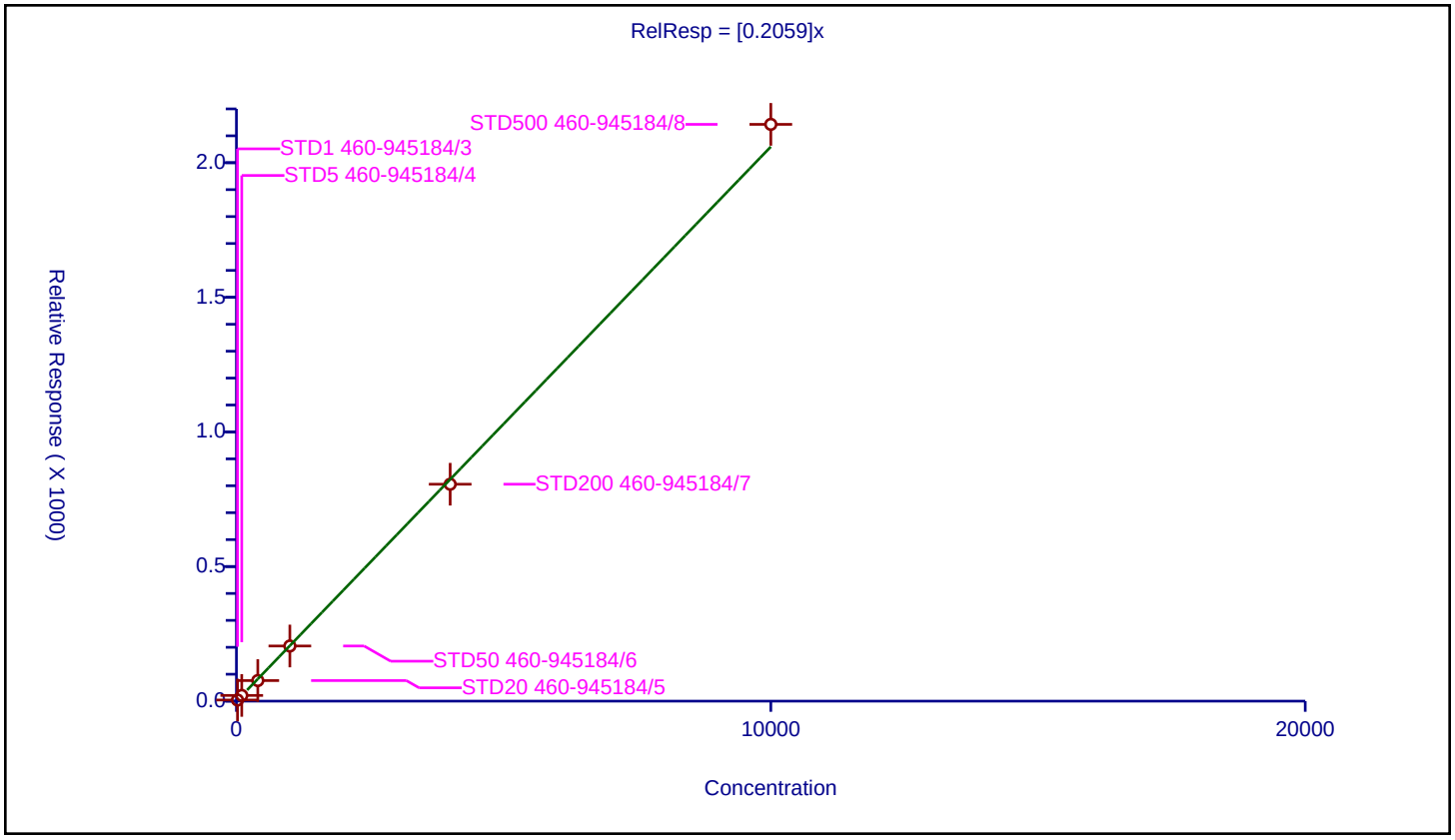
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2059 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1600000 |
| **Relative Standard Error:** | 4.3 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 20.000035 | 4.244981 | 250.0 | 311191.0 | 0.212249 | Y |
| 2 | STD5 460-945184/4 | 100.000173 | 21.172445 | 250.0 | 315776.0 | 0.211724 | Y |
| 3 | STD20 460-945184/5 | 400.000692 | 76.439293 | 250.0 | 358631.0 | 0.191098 | Y |
| 4 | STD50 460-945184/6 | 1000.00173 | 204.879268 | 250.0 | 335993.0 | 0.204879 | Y |
| 5 | STD200 460-945184/7 | 4000.00692 | 805.781618 | 250.0 | 346512.0 | 0.201445 | Y |
| 6 | STD500 460-945184/8 | 10000.0173 | 2142.533226 | 250.0 | 394501.0 | 0.214253 | 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 |

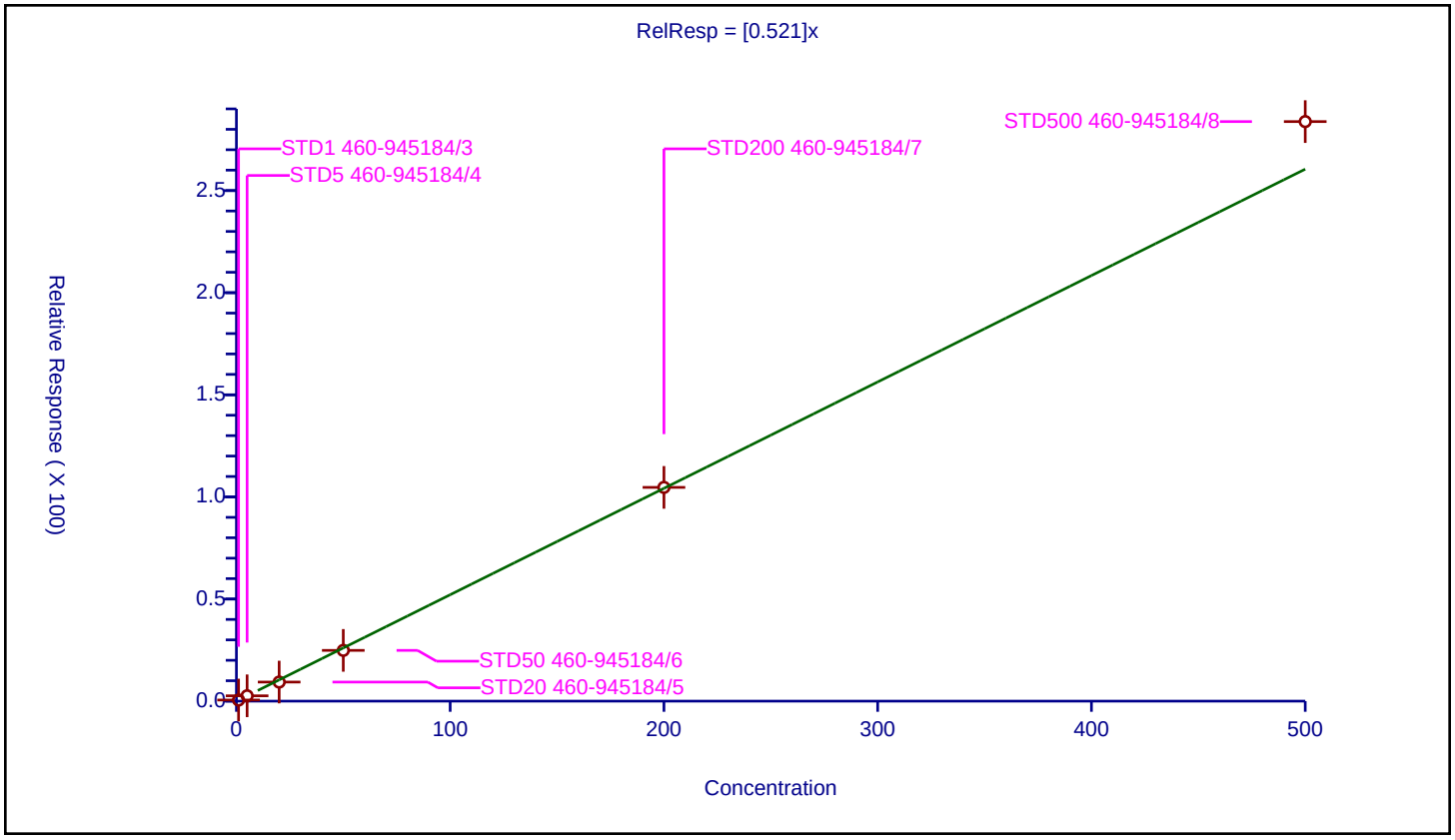
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.521 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1490000 |
| **Relative Standard Error:** | 6.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.547006 | 50.0 | 474766.0 | 0.547006 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.62056 | 50.0 | 485526.0 | 0.524112 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 9.34041 | 50.0 | 531679.0 | 0.467021 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 24.845246 | 50.0 | 531003.0 | 0.496905 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 104.659012 | 50.0 | 542014.0 | 0.523295 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 283.774515 | 50.0 | 551851.0 | 0.567549 | Y |






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## 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 |

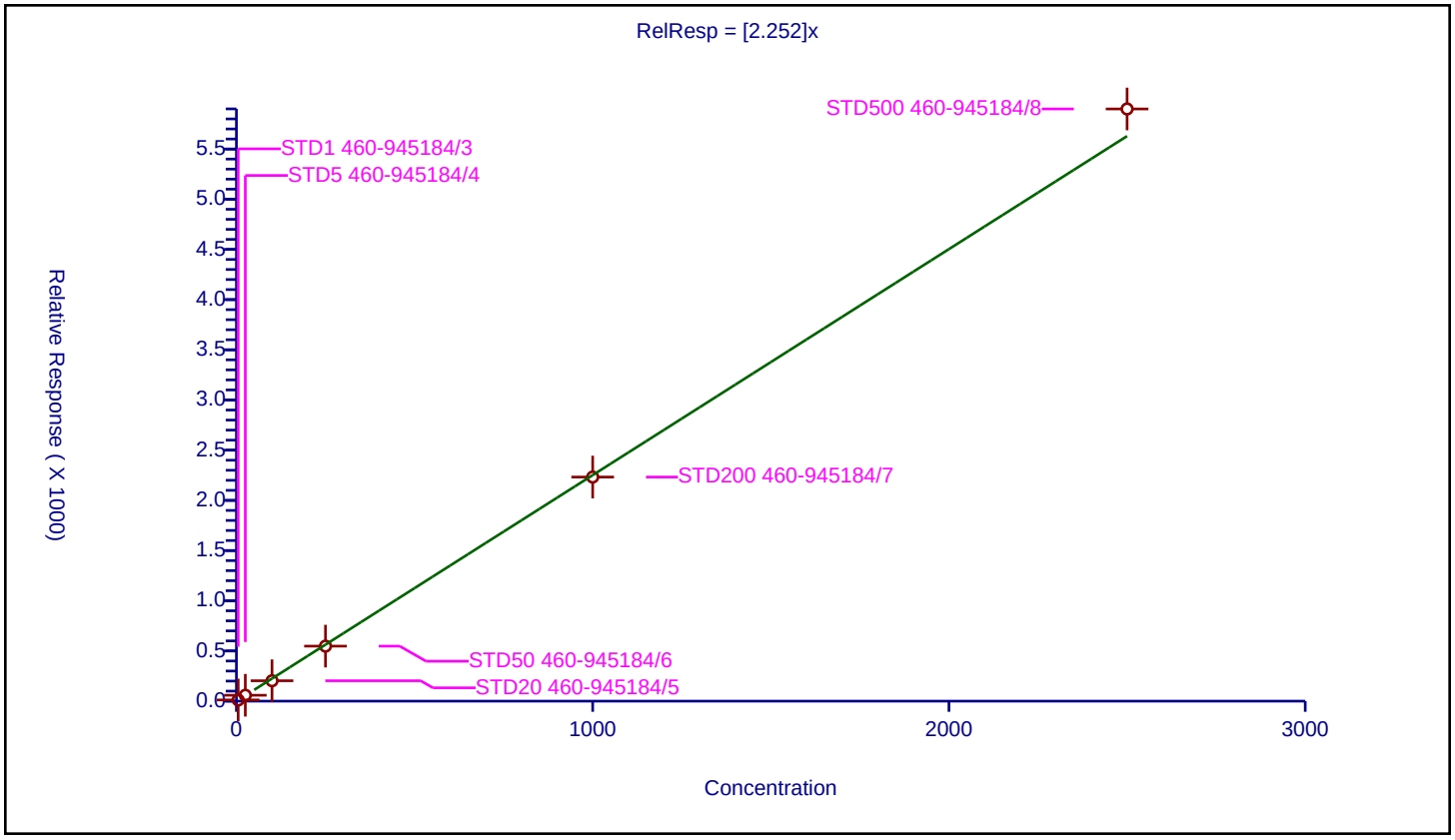
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.252 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4400000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 5.0 | 11.725114 | 250.0 | 311191.0 | 2.345023 | Y |
| 2 | STD5 460-945184/4 | 25.0 | 58.74259 | 250.0 | 315776.0 | 2.349704 | Y |
| 3 | STD20 460-945184/5 | 100.0 | 203.039475 | 250.0 | 358631.0 | 2.030395 | Y |
| 4 | STD50 460-945184/6 | 250.0 | 548.02109 | 250.0 | 335993.0 | 2.192084 | Y |
| 5 | STD200 460-945184/7 | 1000.0 | 2232.289214 | 250.0 | 346512.0 | 2.232289 | Y |
| 6 | STD500 460-945184/8 | 2500.0 | 5899.287961 | 250.0 | 394501.0 | 2.359715 | Y |



## Calibration / Toluene-d8 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

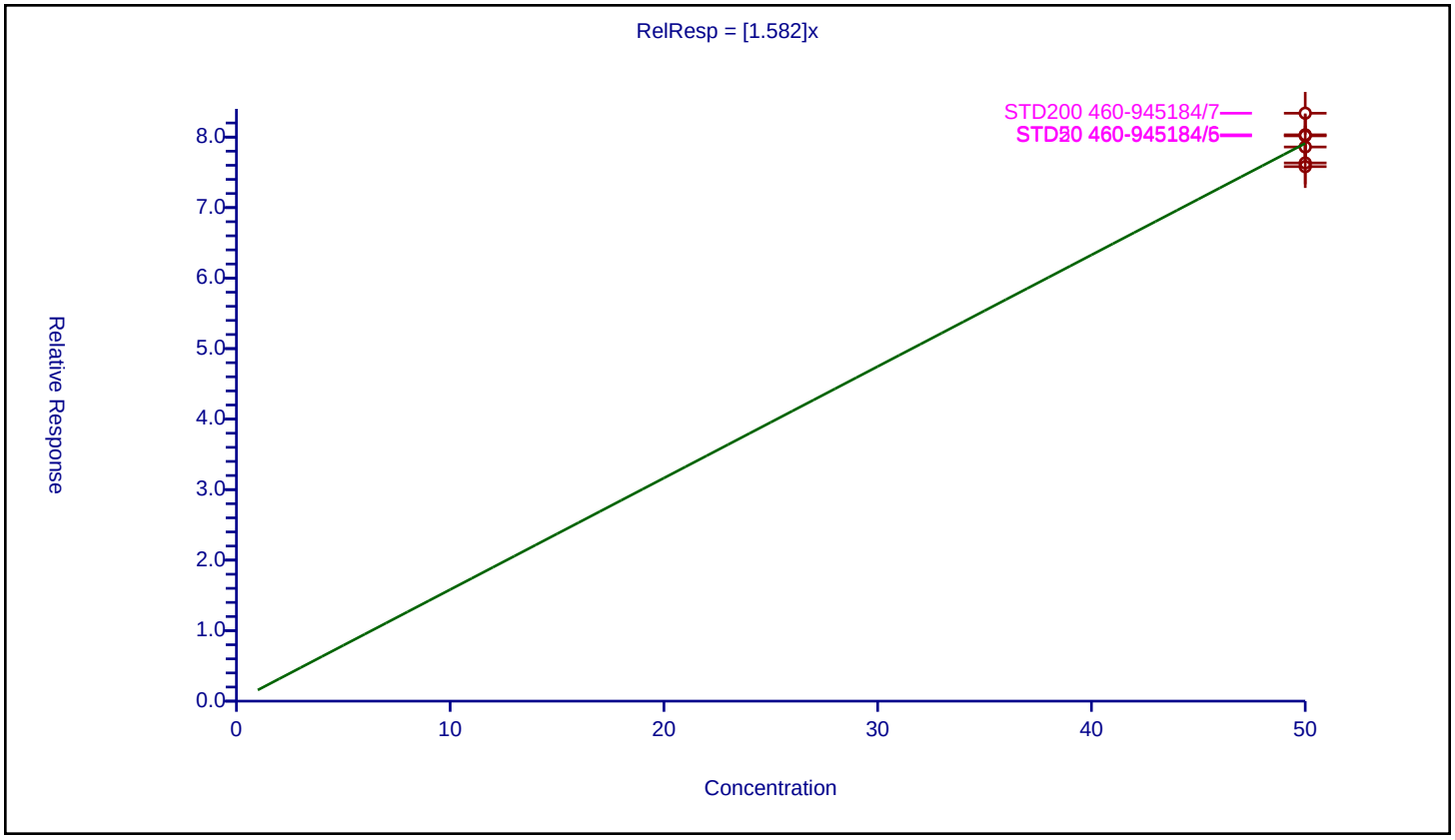
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.582 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 905000 |
| **Relative Standard Error:** | 3.6 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 50.0 | 76.332762 | 50.0 | 474766.0 | 1.526655 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 75.809843 | 50.0 | 485526.0 | 1.516197 | Y |
| 3 | STD20 460-945184/5 | 50.0 | 80.177137 | 50.0 | 531679.0 | 1.603543 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 80.324876 | 50.0 | 531003.0 | 1.606498 | Y |
| 5 | STD200 460-945184/7 | 50.0 | 83.383178 | 50.0 | 542014.0 | 1.667664 | Y |
| 6 | STD500 460-945184/8 | 50.0 | 78.598299 | 50.0 | 551851.0 | 1.571966 | Y |






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## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

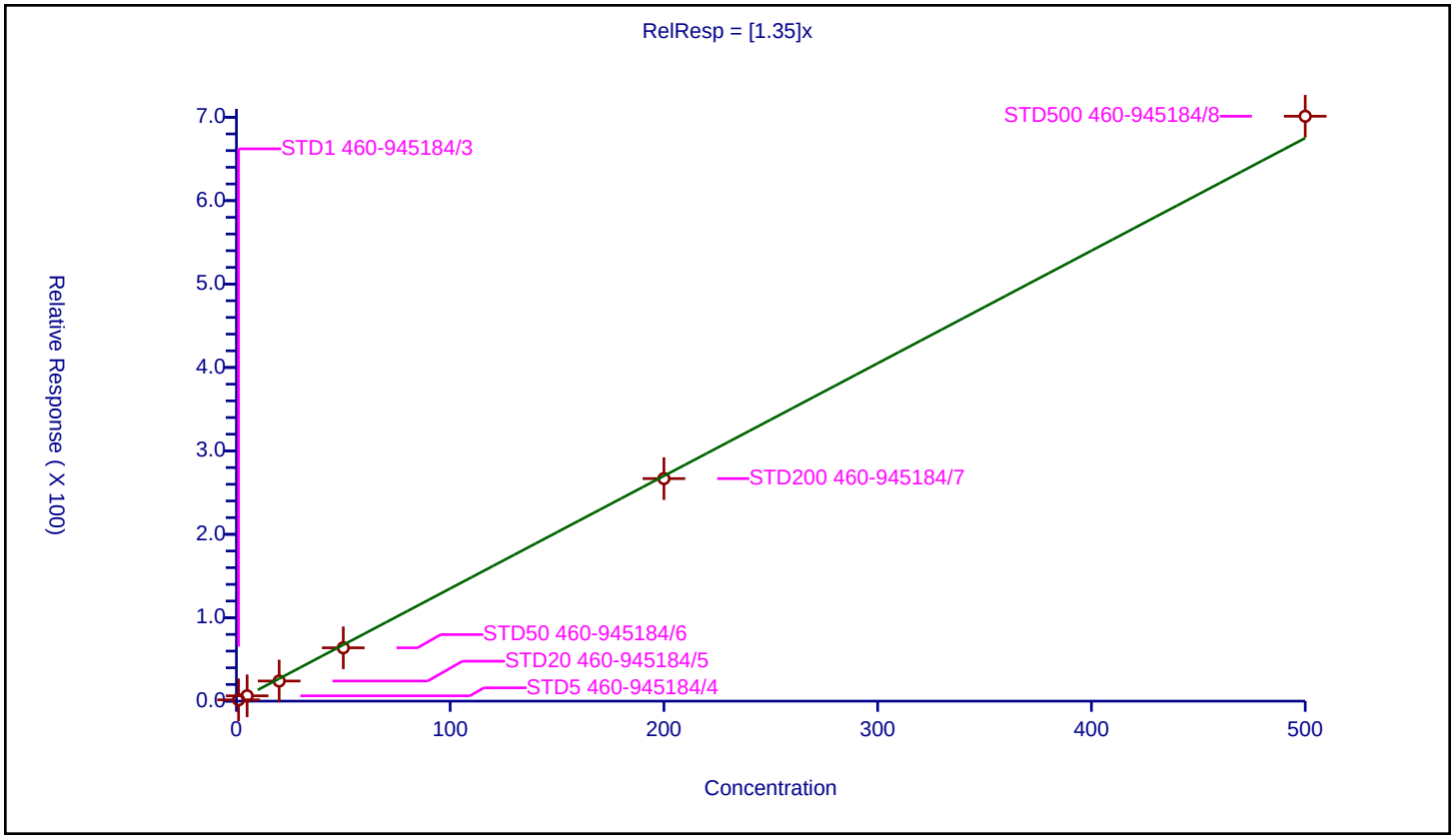
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.35 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3710000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.595733 | 50.0 | 474766.0 | 1.595733 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 6.414487 | 50.0 | 485526.0 | 1.282897 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 24.124613 | 50.0 | 531679.0 | 1.206231 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 63.950015 | 50.0 | 531003.0 | 1.279 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 266.790987 | 50.0 | 542014.0 | 1.333955 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 701.175951 | 50.0 | 551851.0 | 1.402352 | Y |






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## Calibration / trans-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

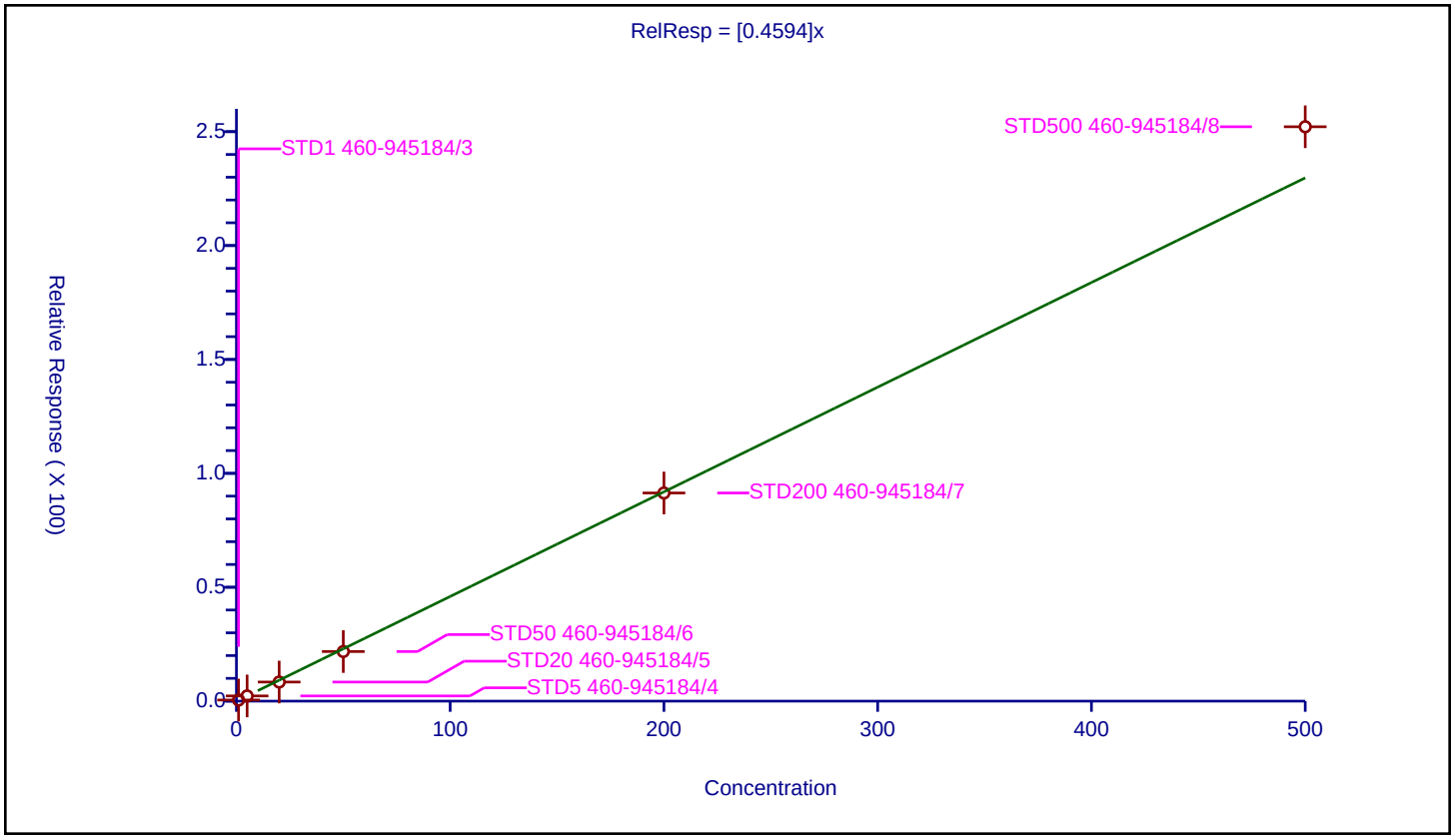
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4594 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1330000 |
| **Relative Standard Error:** | 6.7 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.483185 | 50.0 | 474766.0 | 0.483185 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.284739 | 50.0 | 485526.0 | 0.456948 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 8.39294 | 50.0 | 531679.0 | 0.419647 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 21.782834 | 50.0 | 531003.0 | 0.435657 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 91.384632 | 50.0 | 542014.0 | 0.456923 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 252.150037 | 50.0 | 551851.0 | 0.5043 | Y |






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## Calibration / Ethyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

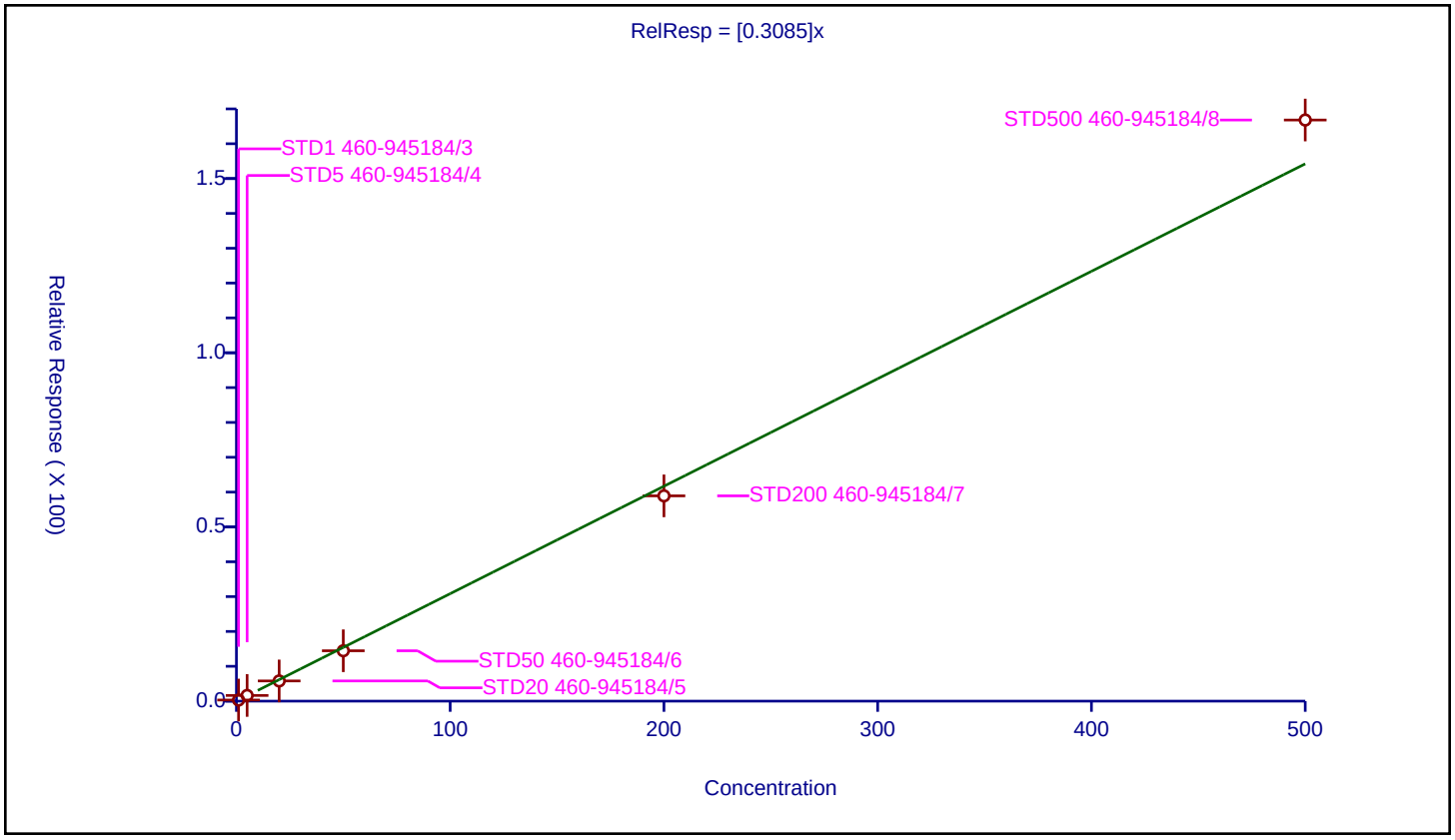
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3085 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1110000 |
| **Relative Standard Error:** | 6.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.317521 | 50.0 | 604842.0 | 0.317521 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.629366 | 50.0 | 607322.0 | 0.325873 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.797299 | 50.0 | 654460.0 | 0.289865 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 14.461999 | 50.0 | 660213.0 | 0.28924 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 58.927218 | 50.0 | 696852.0 | 0.294636 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 166.806842 | 50.0 | 701503.0 | 0.333614 | Y |






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## Calibration / 1,1,2-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

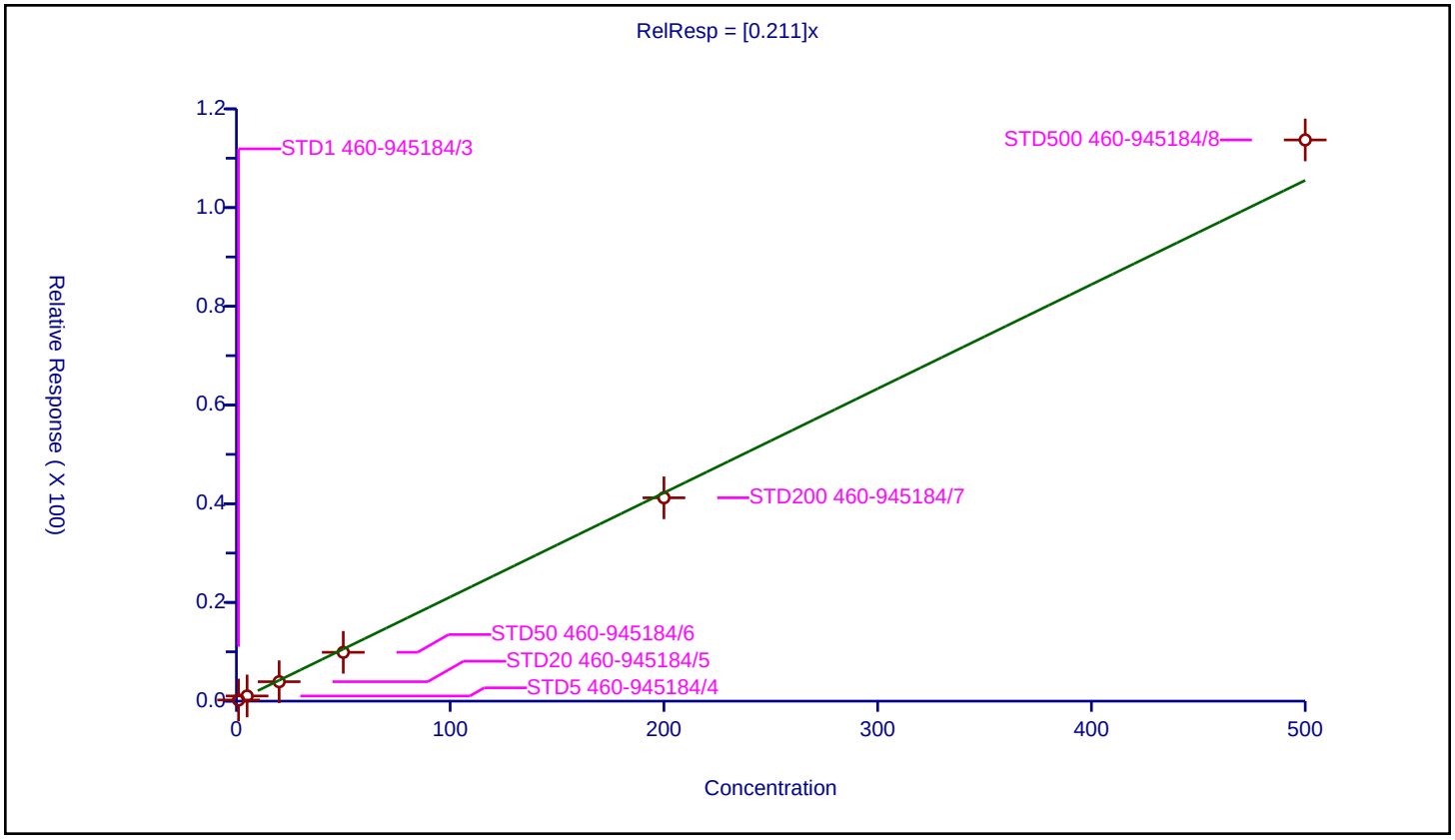
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.211 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 598000 |
| **Relative Standard Error:** | 6.6 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.228218 | 50.0 | 474766.0 | 0.228218 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.049995 | 50.0 | 485526.0 | 0.209999 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 3.934047 | 50.0 | 531679.0 | 0.196702 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 9.896554 | 50.0 | 531003.0 | 0.197931 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 41.200504 | 50.0 | 542014.0 | 0.206003 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 113.709045 | 50.0 | 551851.0 | 0.227418 | Y |






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## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

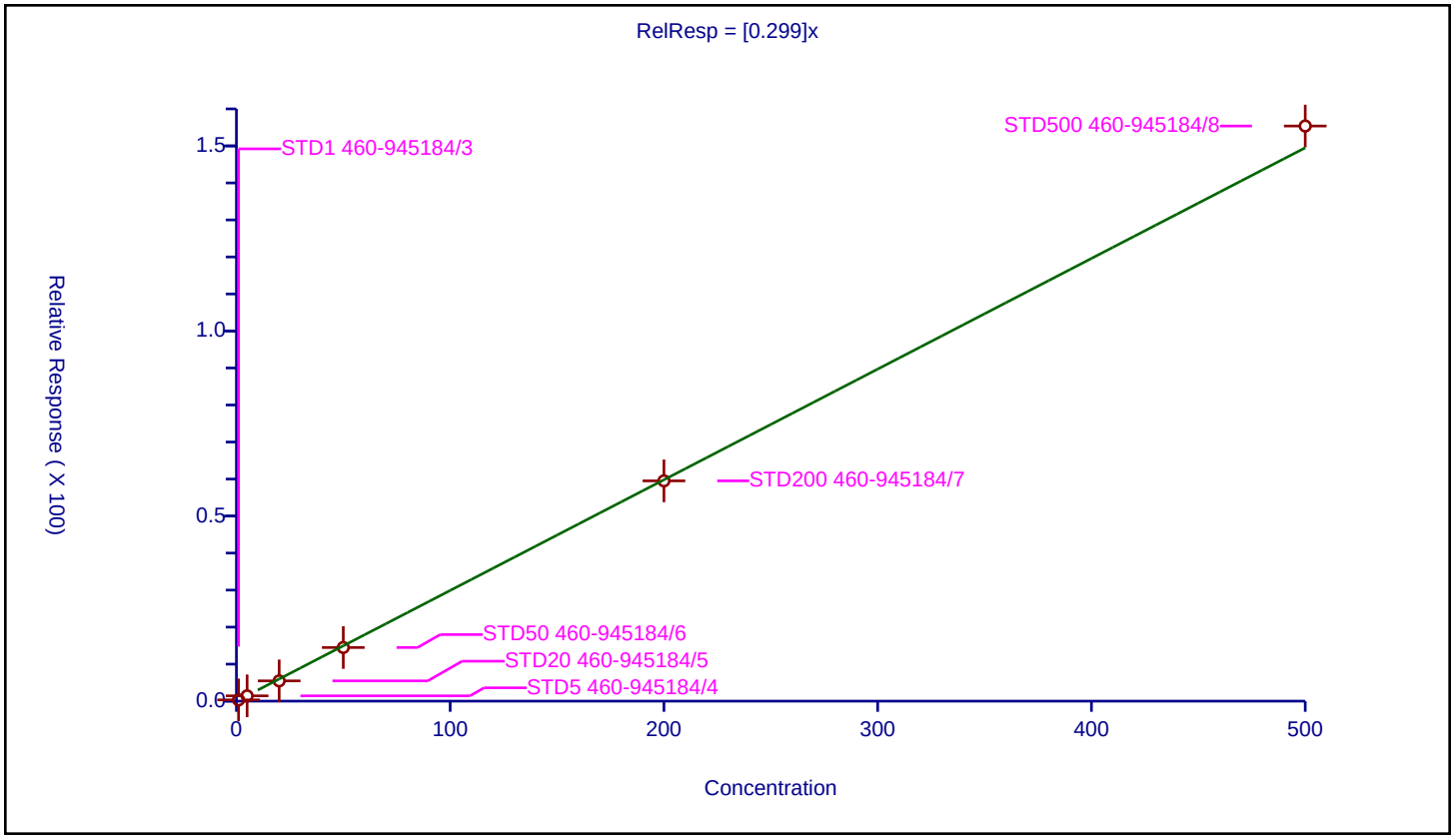
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.299 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 823000 |
| **Relative Standard Error:** | 7.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.337008 | 50.0 | 474766.0 | 0.337008 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.425876 | 50.0 | 485526.0 | 0.285175 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.473697 | 50.0 | 531679.0 | 0.273685 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 14.490408 | 50.0 | 531003.0 | 0.289808 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 59.509902 | 50.0 | 542014.0 | 0.29755 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 155.373914 | 50.0 | 551851.0 | 0.310748 | Y |



## Calibration / 1,3-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

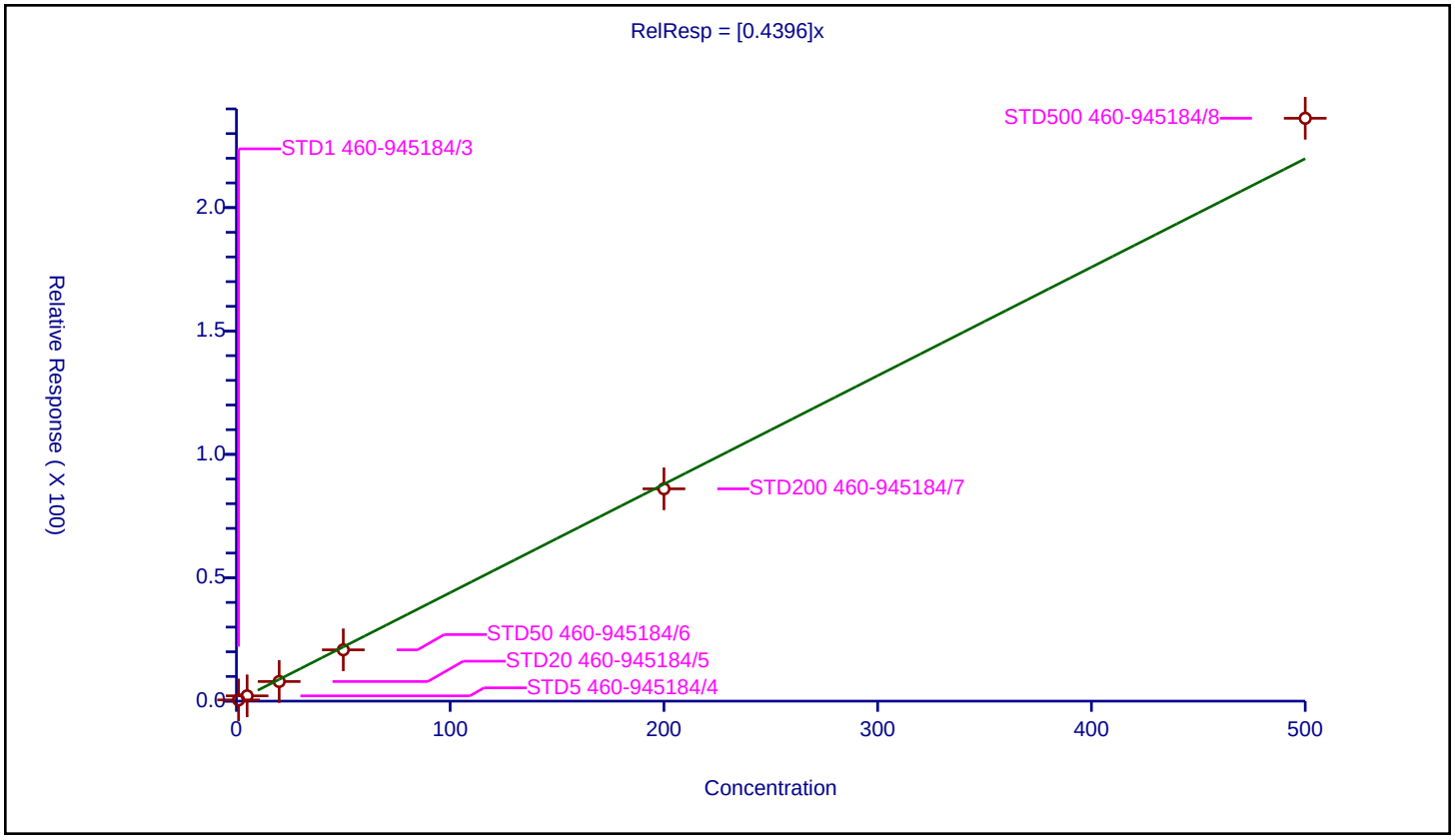
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4396 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1240000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.493717 | 50.0 | 474766.0 | 0.493717 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.140771 | 50.0 | 485526.0 | 0.428154 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 7.951696 | 50.0 | 531679.0 | 0.397585 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 20.793668 | 50.0 | 531003.0 | 0.415873 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 86.033848 | 50.0 | 542014.0 | 0.430169 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 236.195459 | 50.0 | 551851.0 | 0.472391 | Y |



## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

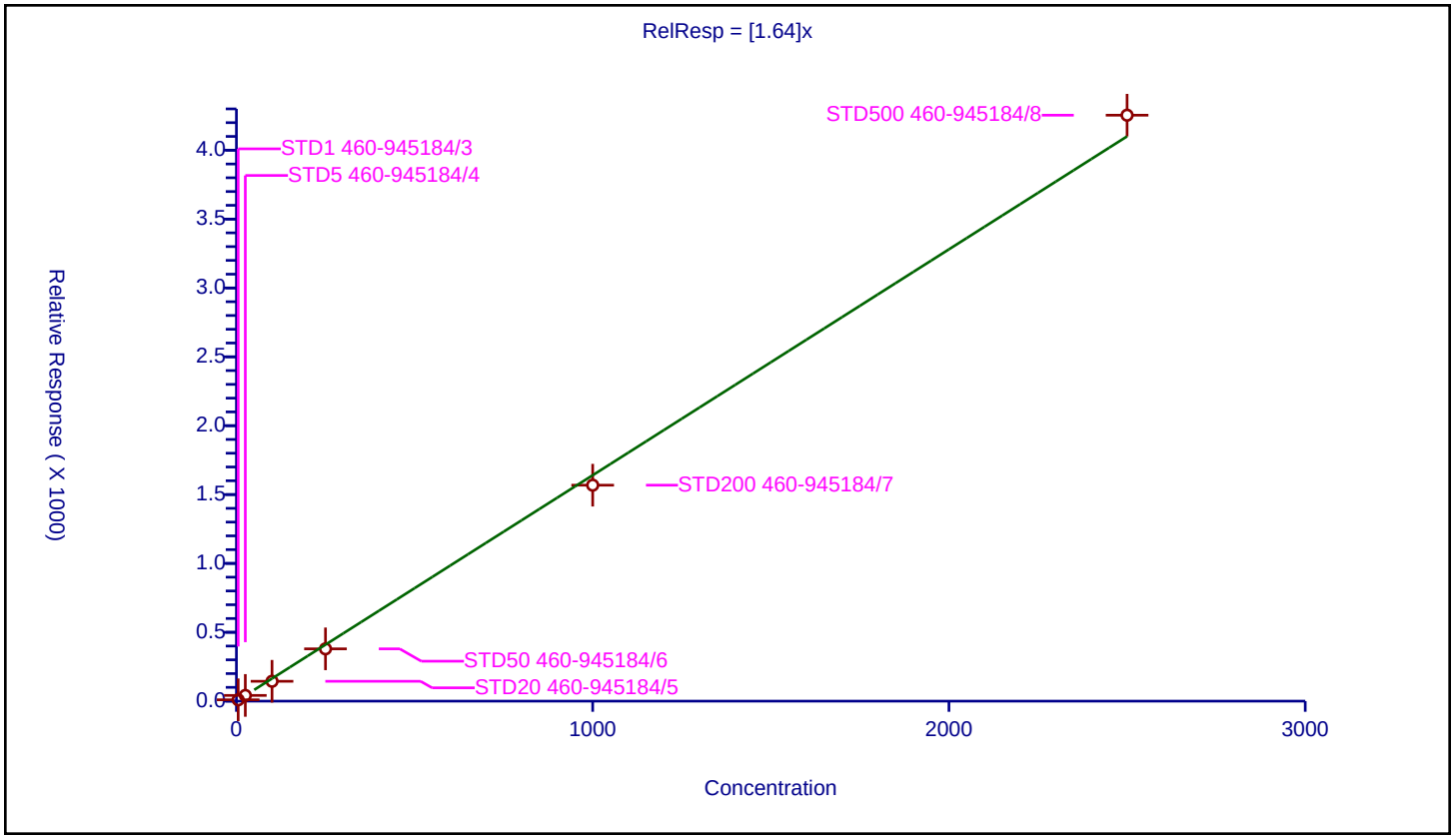
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.64 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3160000 |
| **Relative Standard Error:** | 10.9 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 5.0 | 9.748033 | 250.0 | 311191.0 | 1.949607 | Y |
| 2 | STD5 460-945184/4 | 25.0 | 41.512813 | 250.0 | 315776.0 | 1.660513 | Y |
| 3 | STD20 460-945184/5 | 100.0 | 144.228329 | 250.0 | 358631.0 | 1.442283 | Y |
| 4 | STD50 460-945184/6 | 250.0 | 379.722941 | 250.0 | 335993.0 | 1.518892 | Y |
| 5 | STD200 460-945184/7 | 1000.0 | 1567.934155 | 250.0 | 346512.0 | 1.567934 | Y |
| 6 | STD500 460-945184/8 | 2500.0 | 4254.235731 | 250.0 | 394501.0 | 1.701694 | Y |



## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

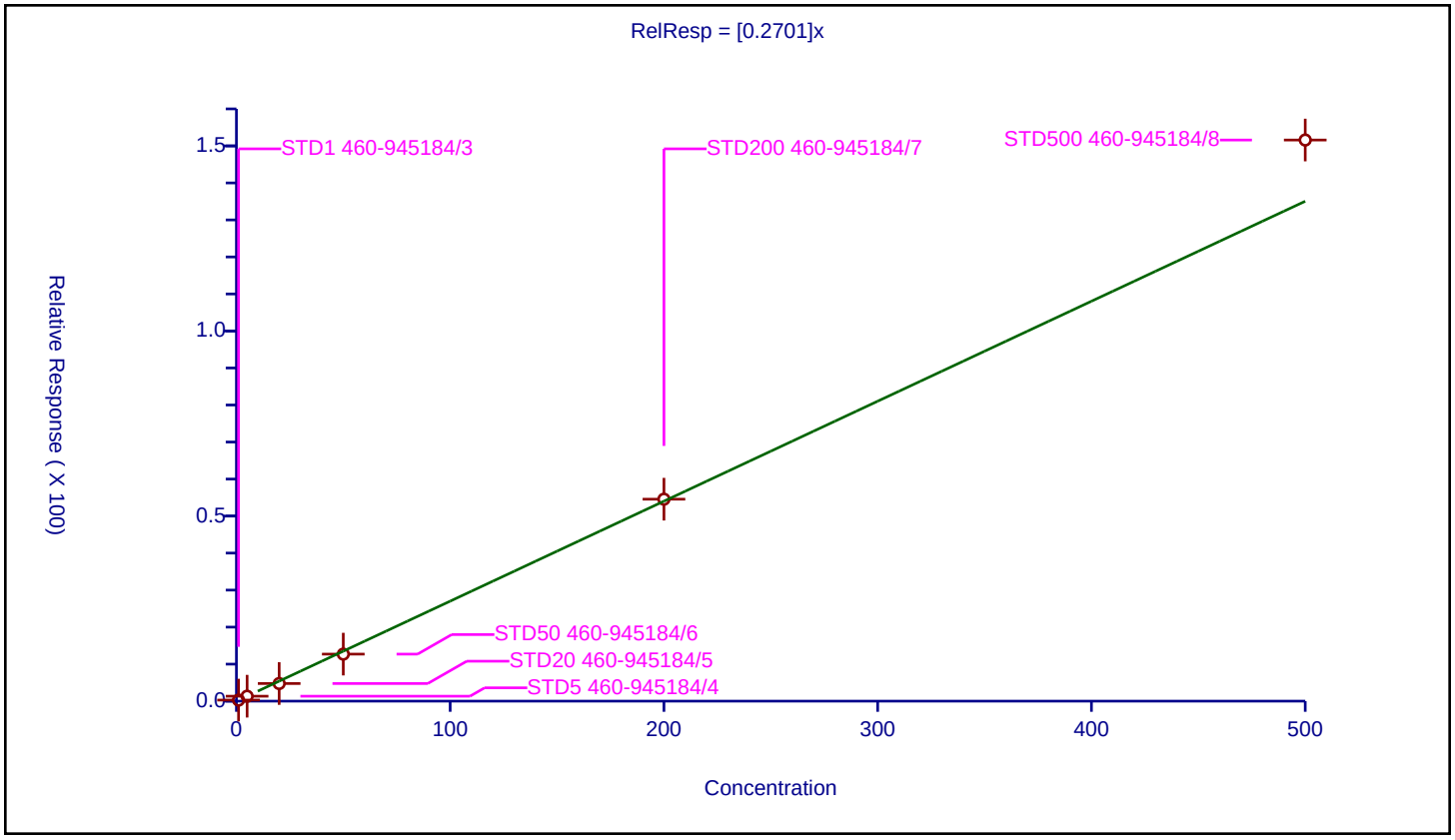
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2701 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 796000 |
| **Relative Standard Error:** | 8.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.286036 | 50.0 | 474766.0 | 0.286036 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.333193 | 50.0 | 485526.0 | 0.266639 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.757664 | 50.0 | 531679.0 | 0.237883 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 12.703318 | 50.0 | 531003.0 | 0.254066 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 54.556617 | 50.0 | 542014.0 | 0.272783 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 151.5911 | 50.0 | 551851.0 | 0.303182 | Y |






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## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

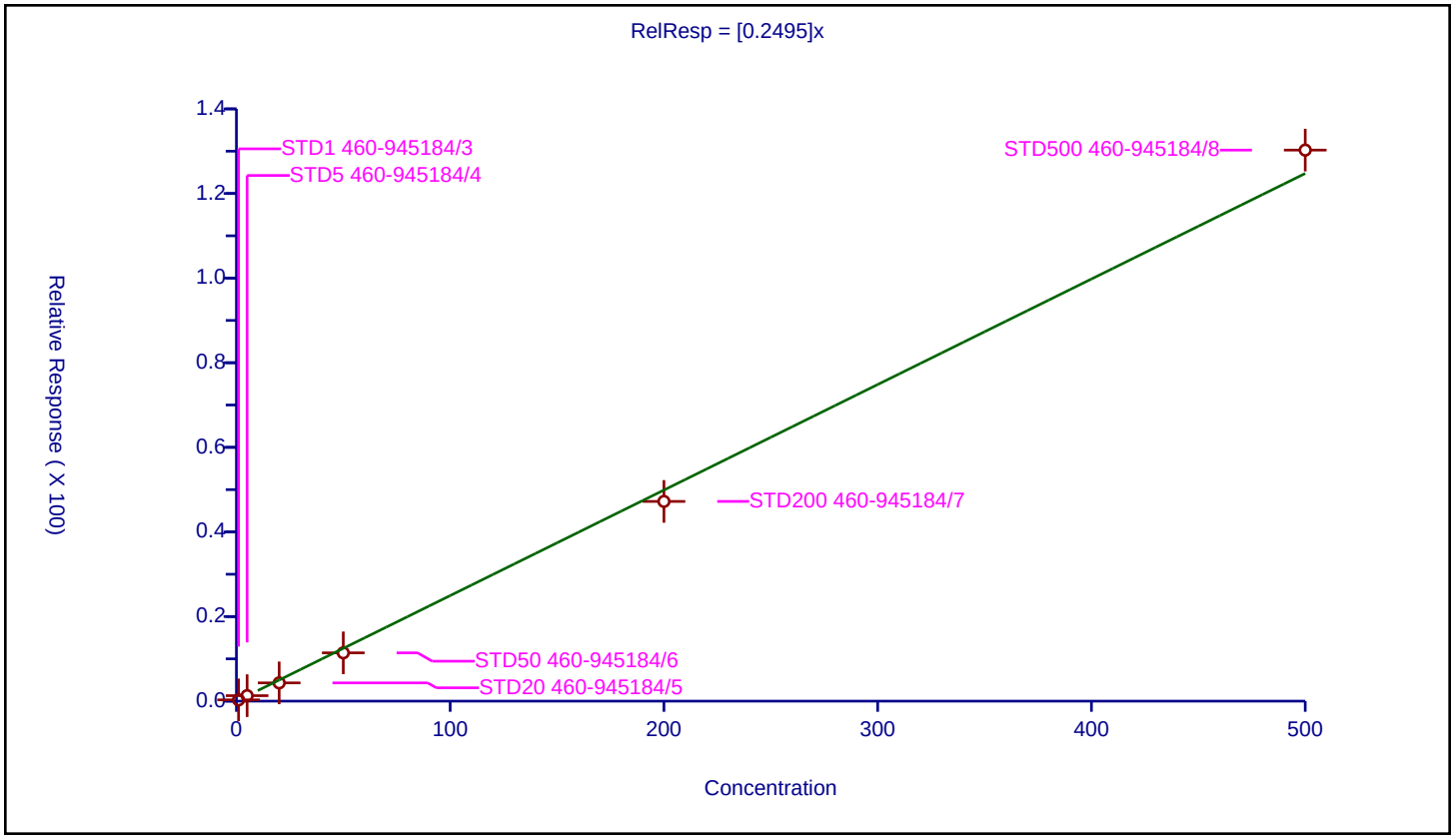
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2495 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 685000 |
| **Relative Standard Error:** | 11.8 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.297831 | 50.0 | 474766.0 | 0.297831 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.291486 | 50.0 | 485526.0 | 0.258297 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.314163 | 50.0 | 531679.0 | 0.215708 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 11.420557 | 50.0 | 531003.0 | 0.228411 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 47.213172 | 50.0 | 542014.0 | 0.236066 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 130.259798 | 50.0 | 551851.0 | 0.26052 | Y |






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## Calibration / n-Butyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

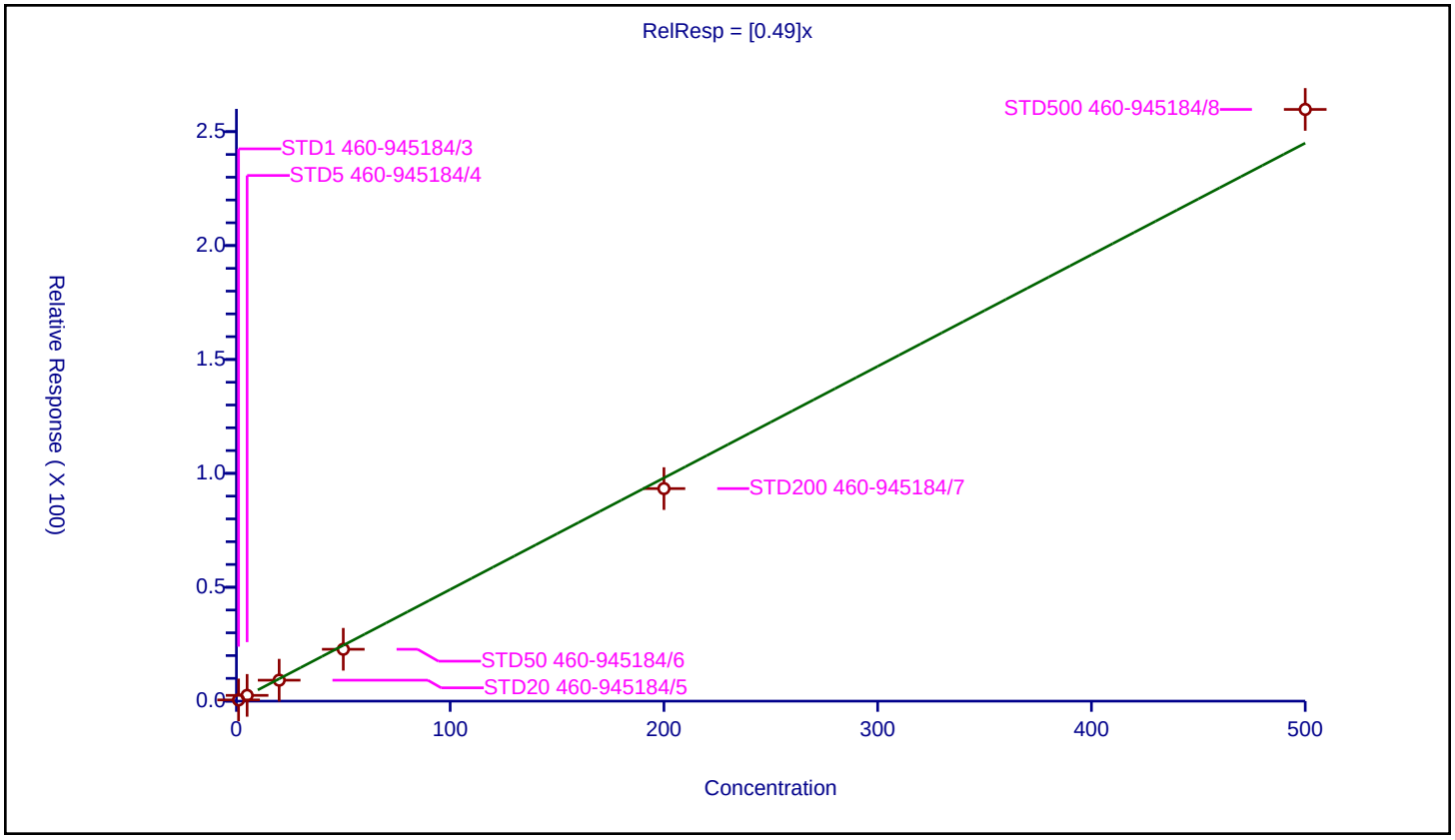
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.49 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1360000 |
| **Relative Standard Error:** | 6.8 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.532894 | 50.0 | 474766.0 | 0.532894 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.526538 | 50.0 | 485526.0 | 0.505308 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 9.201793 | 50.0 | 531679.0 | 0.46009 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 22.767291 | 50.0 | 531003.0 | 0.455346 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 93.306169 | 50.0 | 542014.0 | 0.466531 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 259.77175 | 50.0 | 551851.0 | 0.519543 | Y |






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## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

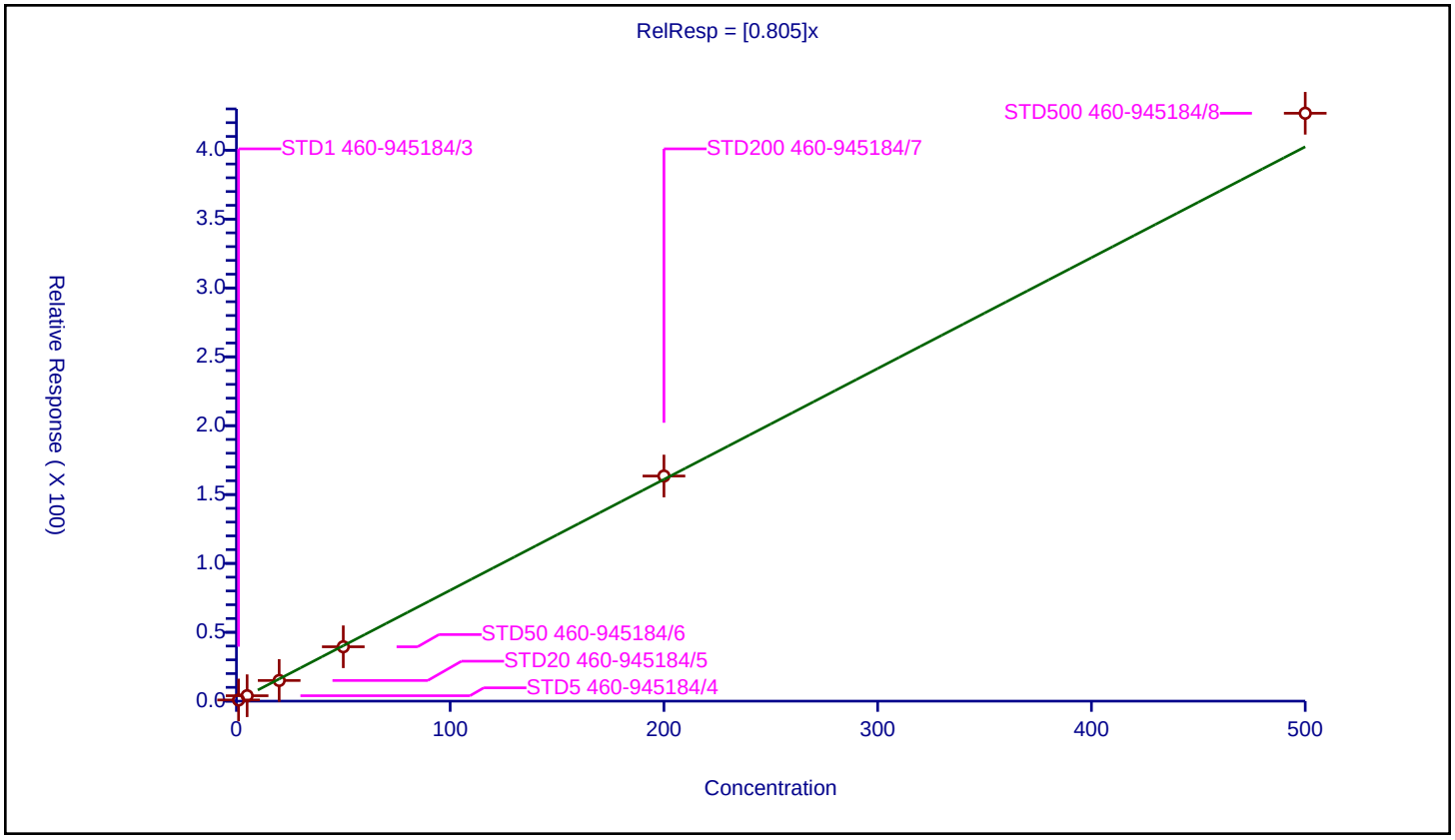
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.805 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2260000 |
| **Relative Standard Error:** | 4.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.832094 | 50.0 | 474766.0 | 0.832094 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.940366 | 50.0 | 485526.0 | 0.788073 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 14.991941 | 50.0 | 531679.0 | 0.749597 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 39.468139 | 50.0 | 531003.0 | 0.789363 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 163.451498 | 50.0 | 542014.0 | 0.817257 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 426.832424 | 50.0 | 551851.0 | 0.853665 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

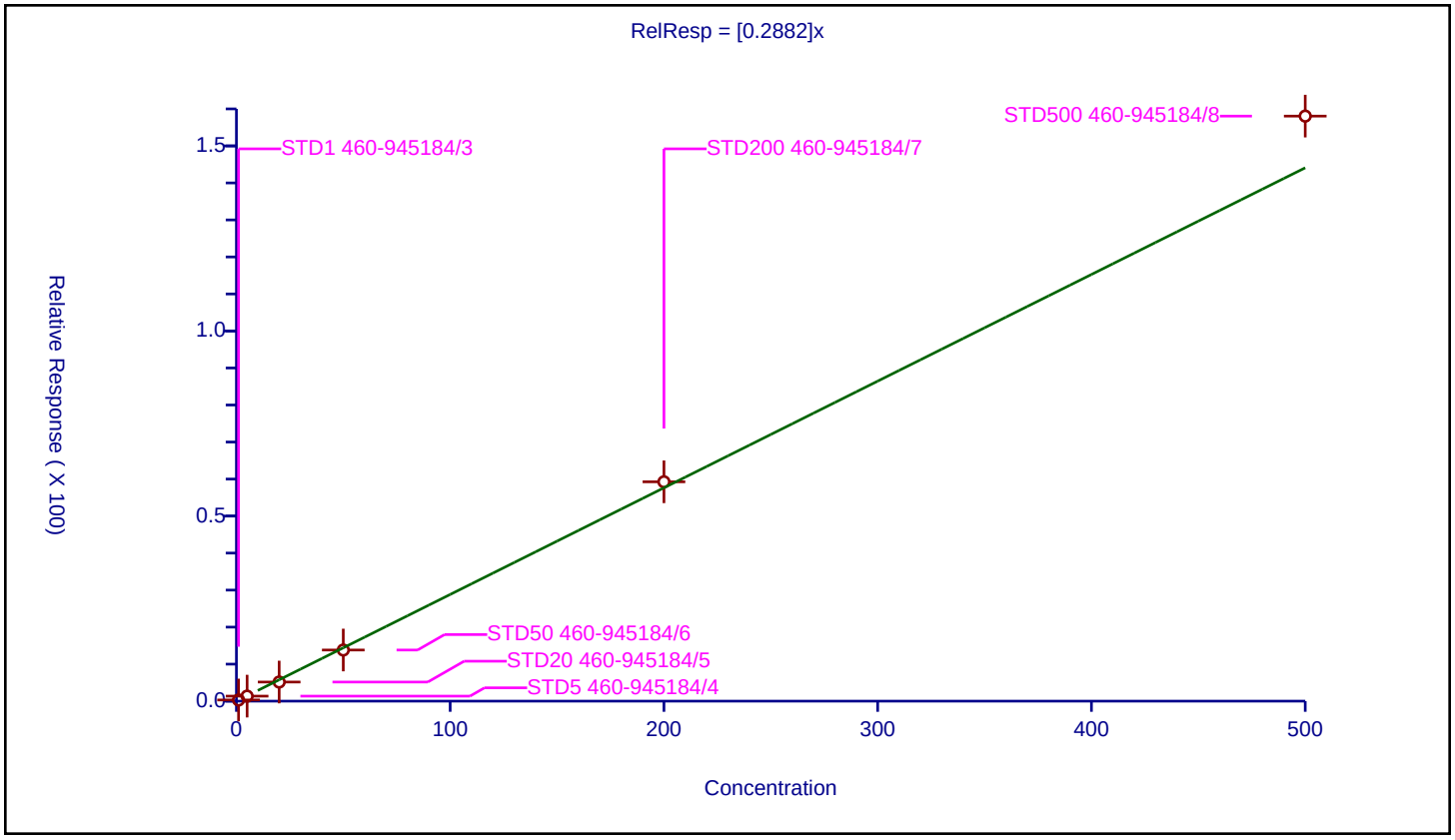
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2882 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 834000 |
| **Relative Standard Error:** | 8.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.311417 | 50.0 | 474766.0 | 0.311417 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.355128 | 50.0 | 485526.0 | 0.271026 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 5.160821 | 50.0 | 531679.0 | 0.258041 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 13.808491 | 50.0 | 531003.0 | 0.27617 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 59.256587 | 50.0 | 542014.0 | 0.296283 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 158.051267 | 50.0 | 551851.0 | 0.316103 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

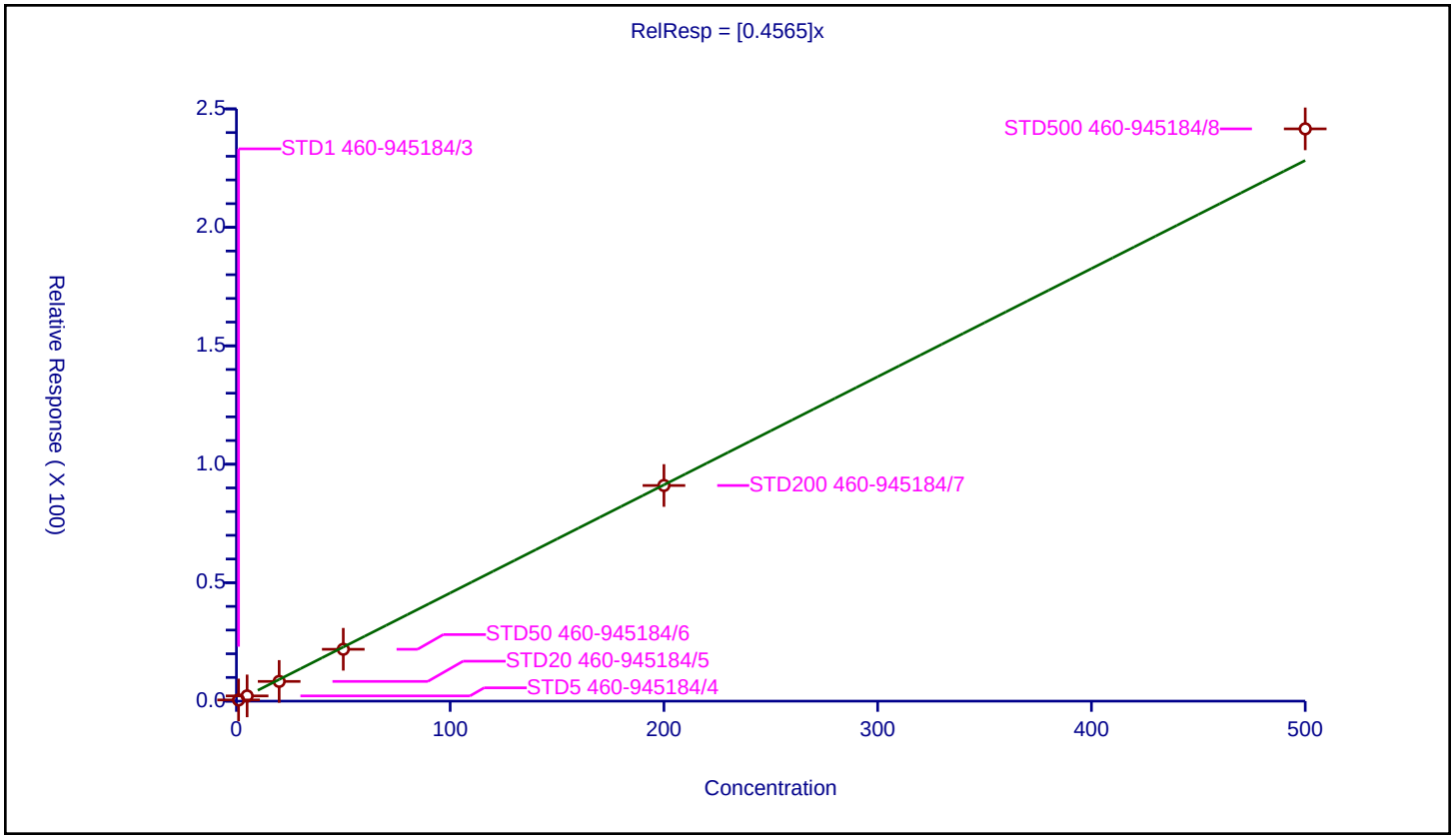
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4565 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1280000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.504354 | 50.0 | 474766.0 | 0.504354 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.209562 | 50.0 | 485526.0 | 0.441912 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 8.329368 | 50.0 | 531679.0 | 0.416468 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 21.889801 | 50.0 | 531003.0 | 0.437796 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 91.031689 | 50.0 | 542014.0 | 0.455158 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 241.572906 | 50.0 | 551851.0 | 0.483146 | 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 |

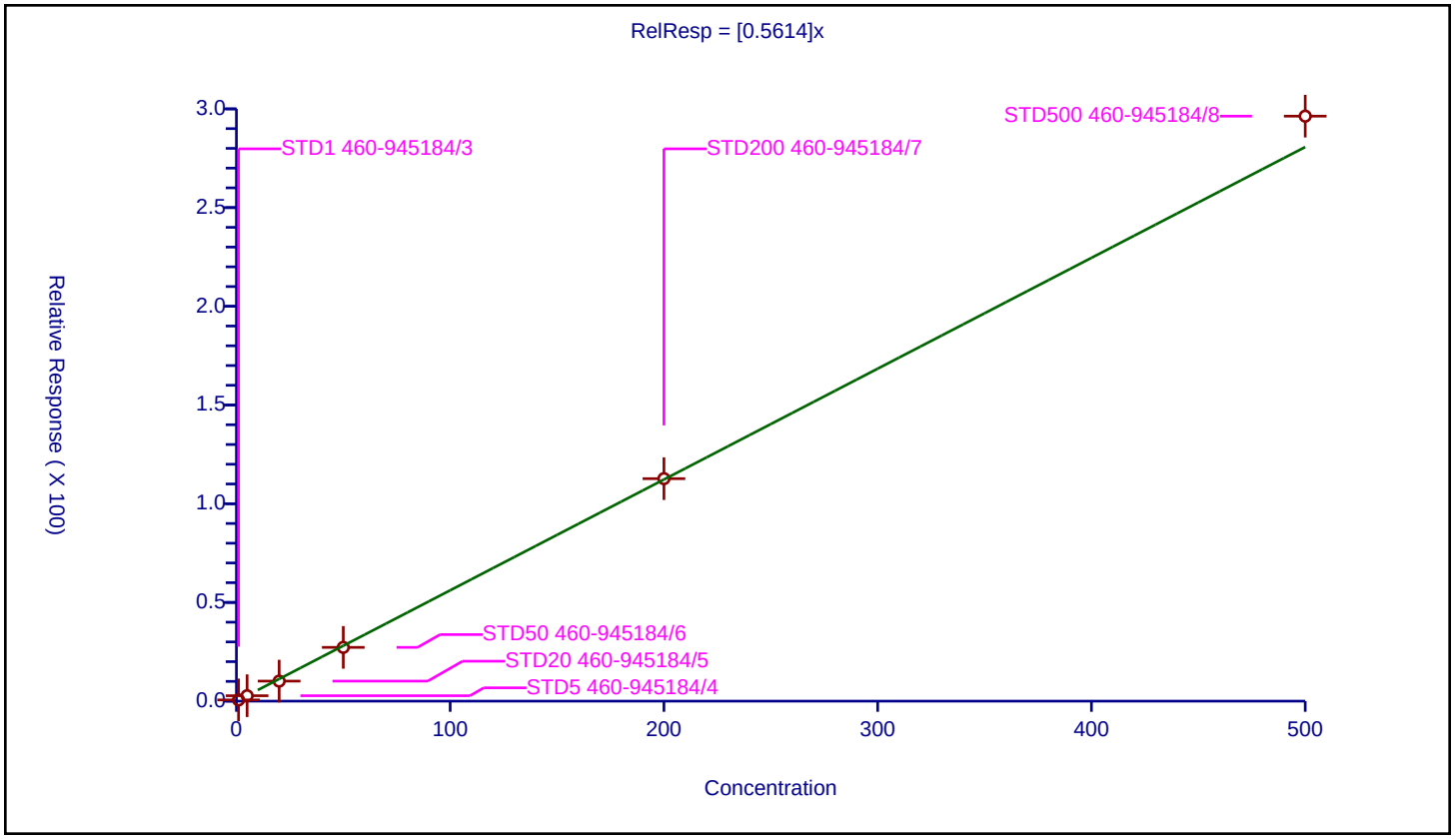
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5614 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1570000 |
| **Relative Standard Error:** | 6.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.610933 | 50.0 | 474766.0 | 0.610933 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.744961 | 50.0 | 485526.0 | 0.548992 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 10.150674 | 50.0 | 531679.0 | 0.507534 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 27.226682 | 50.0 | 531003.0 | 0.544534 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 112.701517 | 50.0 | 542014.0 | 0.563508 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 296.313135 | 50.0 | 551851.0 | 0.592626 | Y |






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## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

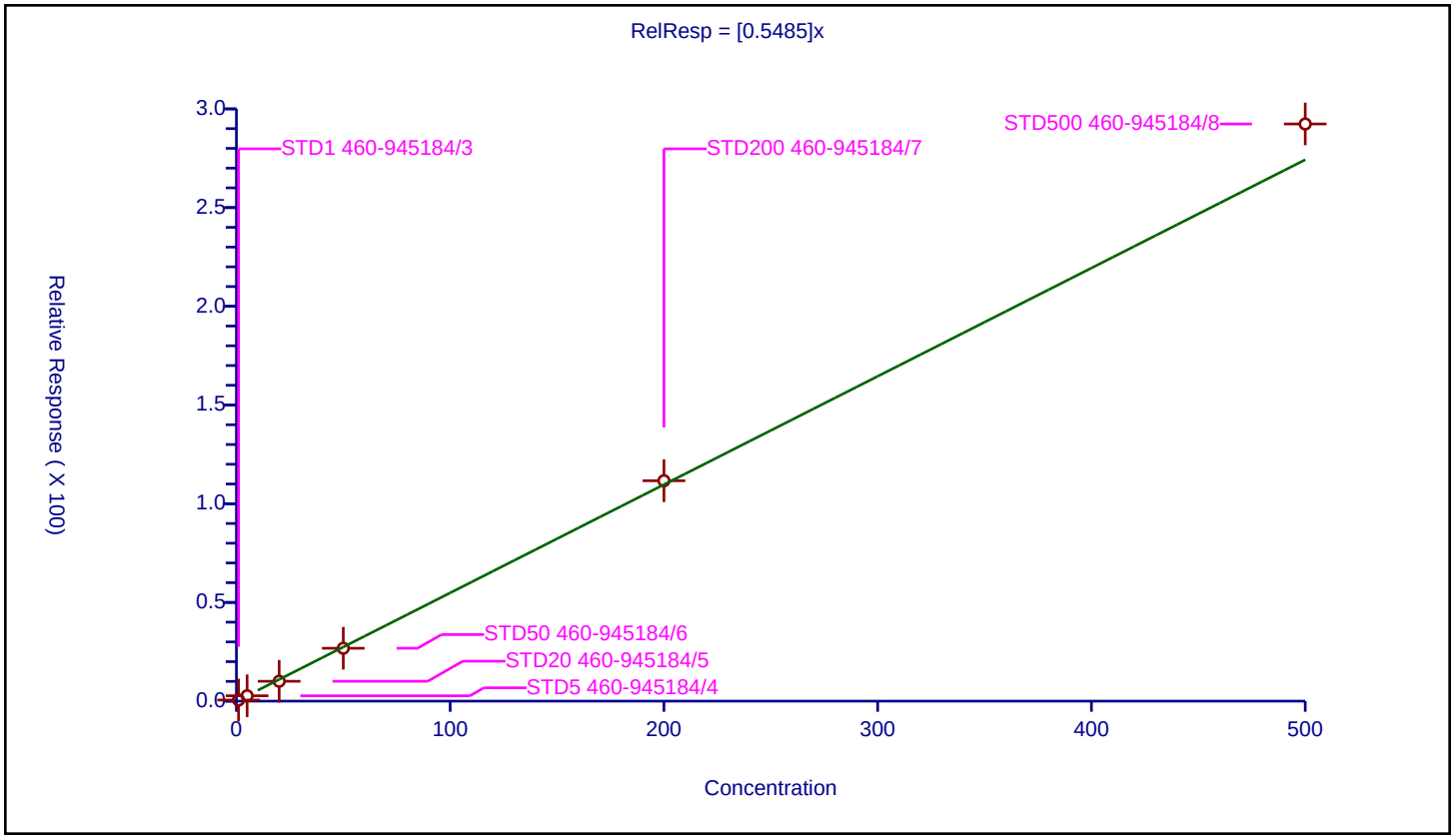
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5485 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1550000 |
| **Relative Standard Error:** | 5.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.563751 | 50.0 | 474766.0 | 0.563751 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.724983 | 50.0 | 485526.0 | 0.544997 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 10.069234 | 50.0 | 531679.0 | 0.503462 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 26.787231 | 50.0 | 531003.0 | 0.535745 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 111.641766 | 50.0 | 542014.0 | 0.558209 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 292.360981 | 50.0 | 551851.0 | 0.584722 | Y |






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## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

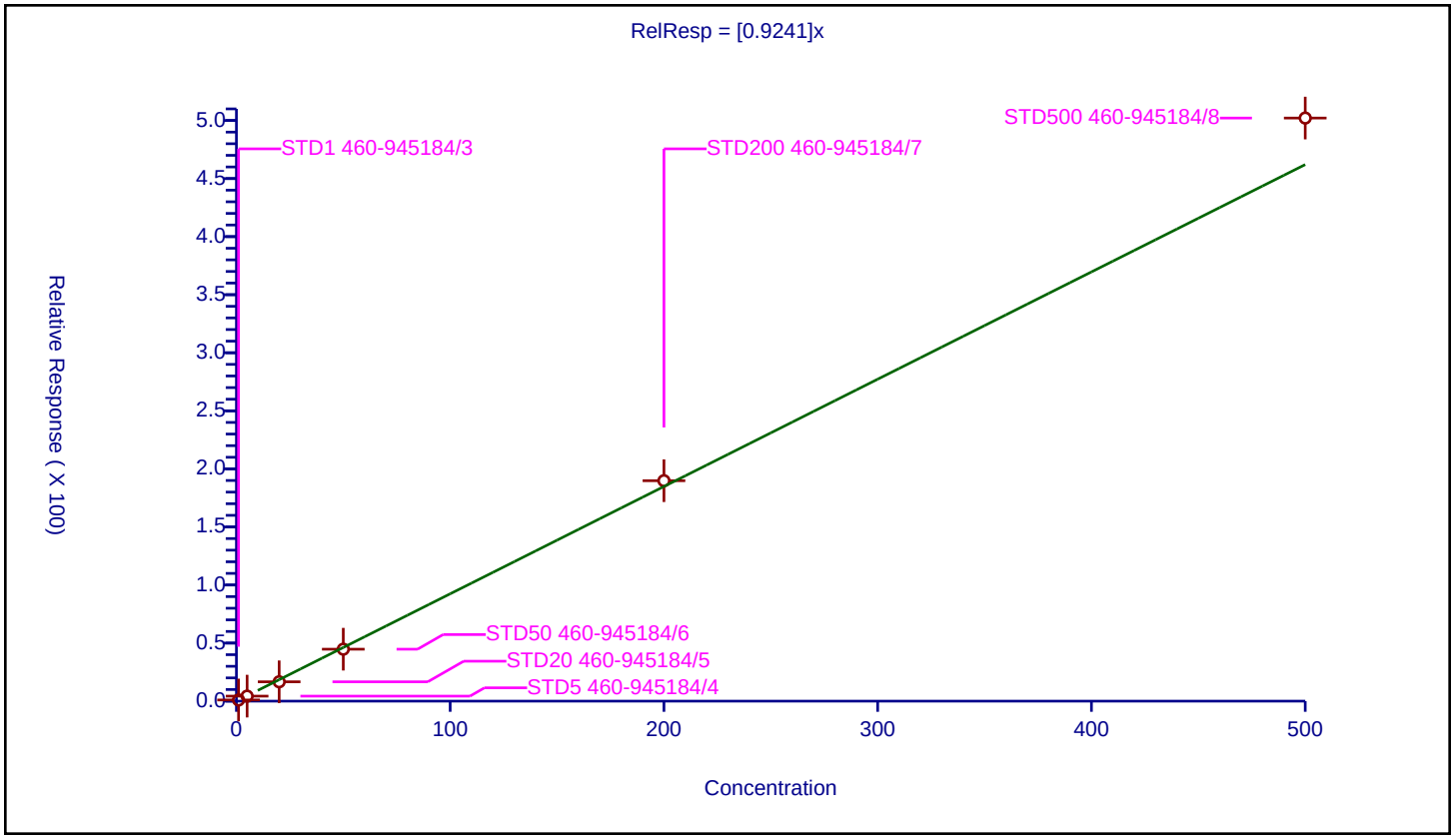
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9241 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2650000 |
| **Relative Standard Error:** | 7.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.997228 | 50.0 | 474766.0 | 0.997228 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 4.331488 | 50.0 | 485526.0 | 0.866298 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 16.658078 | 50.0 | 531679.0 | 0.832904 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 44.727713 | 50.0 | 531003.0 | 0.894554 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 189.834672 | 50.0 | 542014.0 | 0.949173 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 502.106456 | 50.0 | 551851.0 | 1.004213 | Y |



## Calibration / n-Butyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

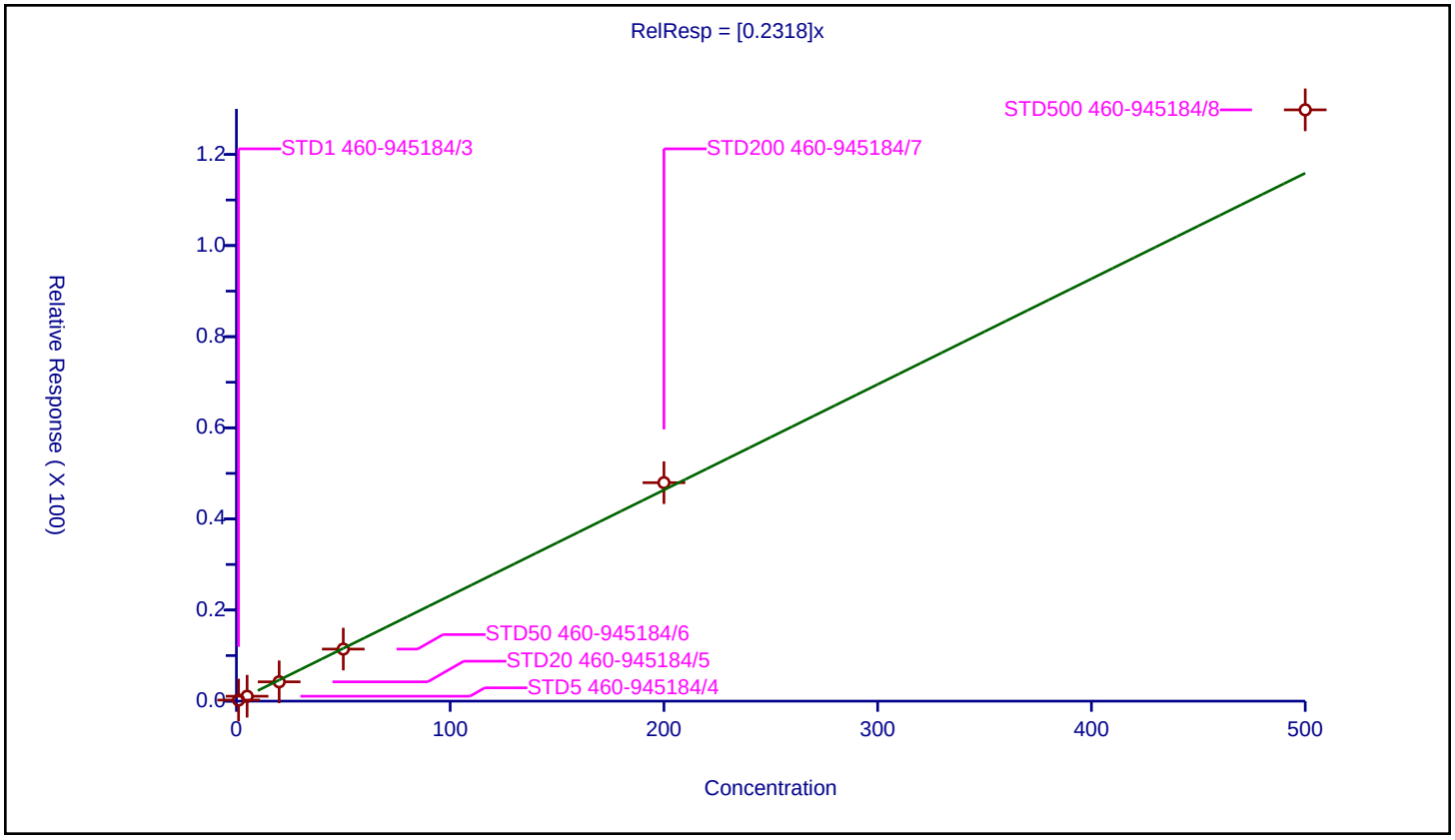
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2318 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 684000 |
| **Relative Standard Error:** | 7.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.235063 | 50.0 | 474766.0 | 0.235063 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.077903 | 50.0 | 485526.0 | 0.215581 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.243162 | 50.0 | 531679.0 | 0.212158 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 11.425359 | 50.0 | 531003.0 | 0.228507 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 47.952267 | 50.0 | 542014.0 | 0.239761 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 129.786935 | 50.0 | 551851.0 | 0.259574 | Y |






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## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

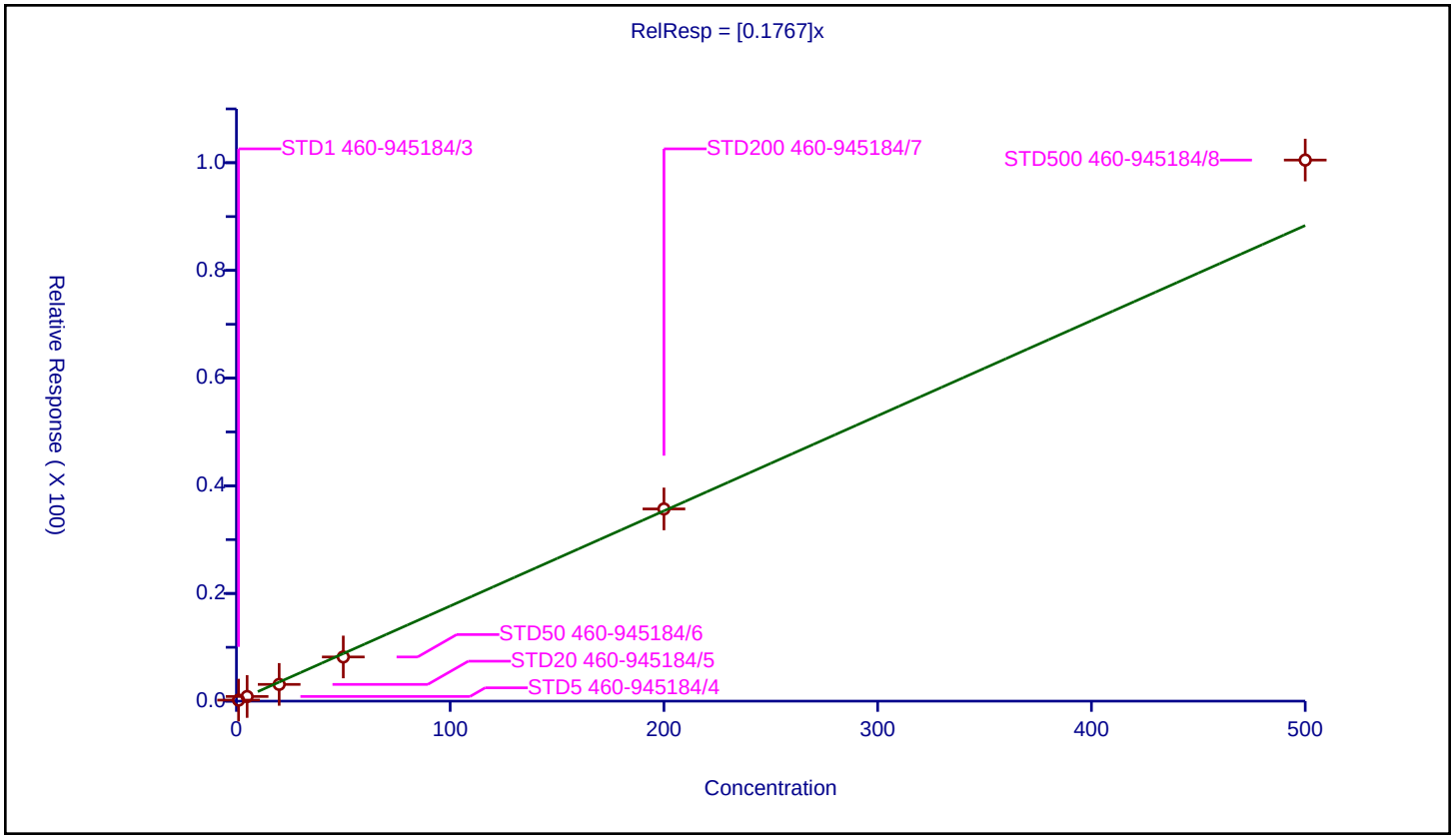
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1767 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 527000 |
| **Relative Standard Error:** | 9.4 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.188619 | 50.0 | 474766.0 | 0.188619 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.862673 | 50.0 | 485526.0 | 0.172535 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 3.106762 | 50.0 | 531679.0 | 0.155338 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 8.204944 | 50.0 | 531003.0 | 0.164099 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 35.701107 | 50.0 | 542014.0 | 0.178506 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 100.497236 | 50.0 | 551851.0 | 0.200994 | 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 |

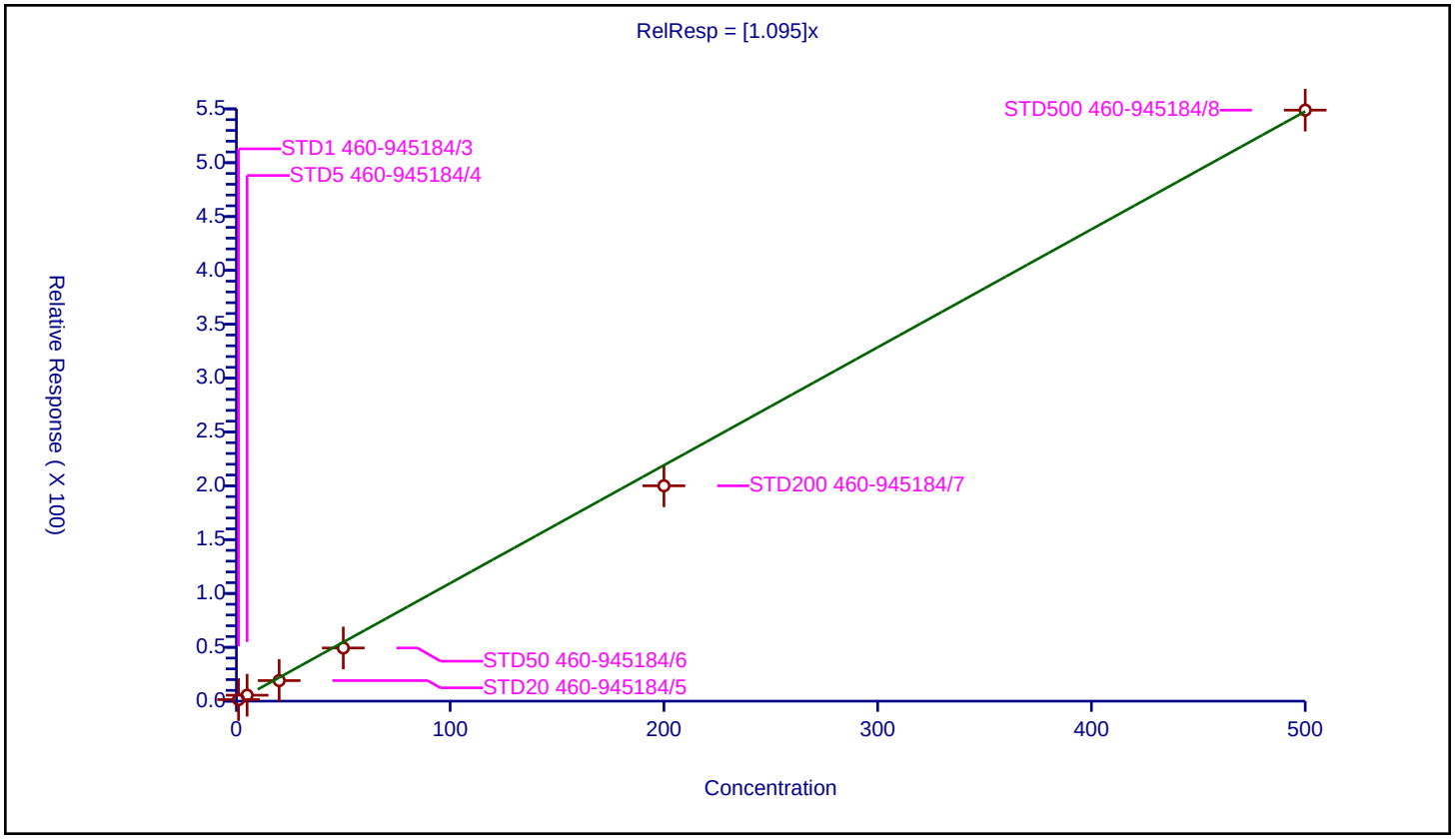
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.095 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1620000 |
| **Relative Standard Error:** | 16.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.966 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.430587 | 50.0 | 253078.0 | 1.430587 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 5.510715 | 50.0 | 264267.0 | 1.102143 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 19.094185 | 50.0 | 287200.0 | 0.954709 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 49.353583 | 50.0 | 285729.0 | 0.987072 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 199.981453 | 50.0 | 307324.0 | 0.999907 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 548.842827 | 50.0 | 308208.0 | 1.097686 | Y |



## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

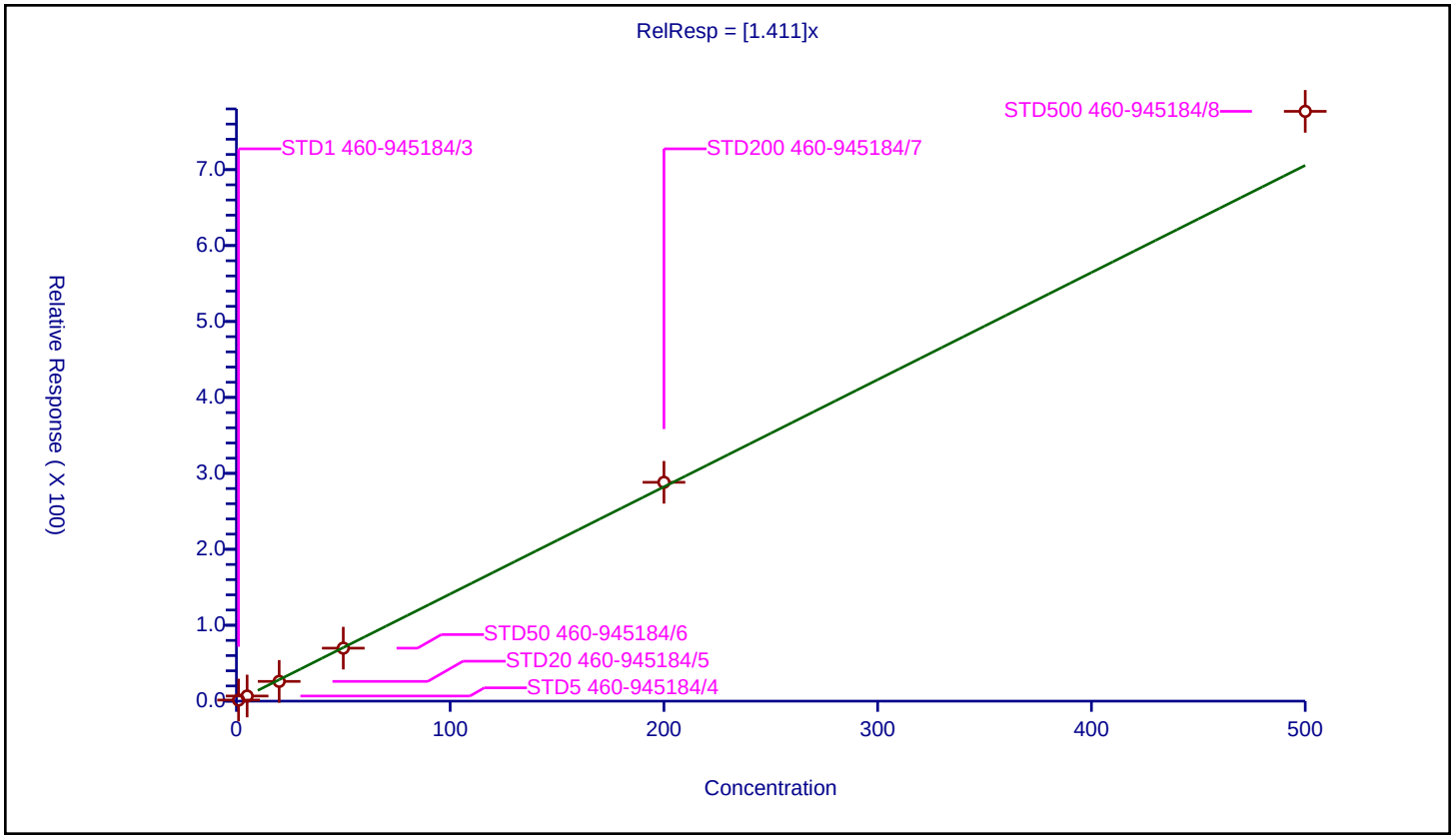
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.411 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4100000 |
| **Relative Standard Error:** | 6.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.425544 | 50.0 | 474766.0 | 1.425544 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 6.758649 | 50.0 | 485526.0 | 1.35173 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 25.998018 | 50.0 | 531679.0 | 1.299901 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 69.772487 | 50.0 | 531003.0 | 1.39545 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 288.213404 | 50.0 | 542014.0 | 1.441067 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 776.771085 | 50.0 | 551851.0 | 1.553542 | Y |



## Calibration / 4-Bromofluorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

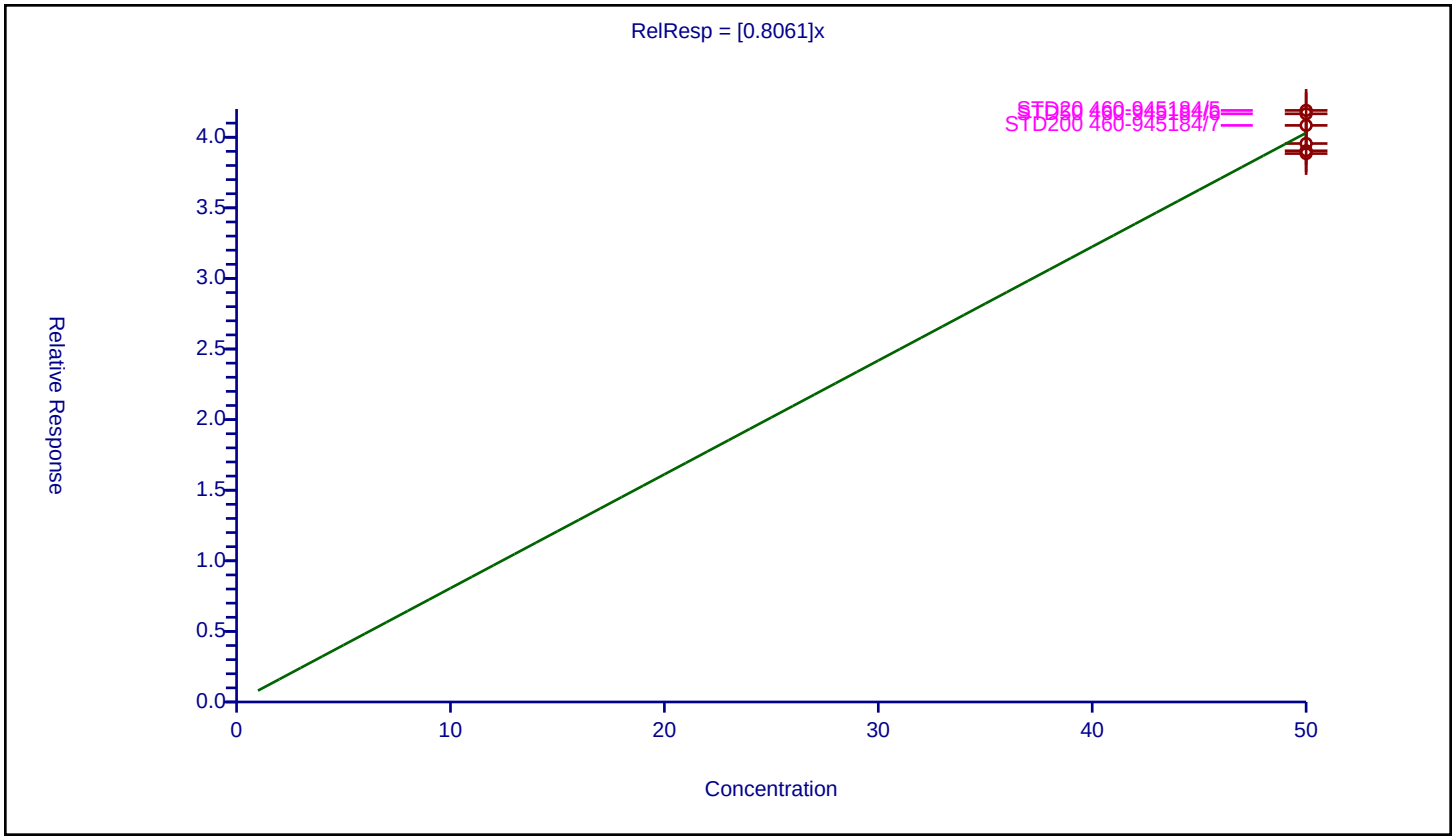
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8061 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 252000 |
| **Relative Standard Error:** | 3.3 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0.000000000000000111 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 50.0 | 39.554999 | 50.0 | 253078.0 | 0.7911 | Y |
| 2 | STD5 460-945184/4 | 50.0 | 38.843859 | 50.0 | 264267.0 | 0.776877 | Y |
| 3 | STD20 460-945184/5 | 50.0 | 41.901288 | 50.0 | 287200.0 | 0.838026 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 41.65923 | 50.0 | 285729.0 | 0.833185 | Y |
| 5 | STD200 460-945184/7 | 50.0 | 40.839635 | 50.0 | 307324.0 | 0.816793 | Y |
| 6 | STD500 460-945184/8 | 50.0 | 39.041654 | 50.0 | 308208.0 | 0.780833 | Y |



## Calibration / Bromobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

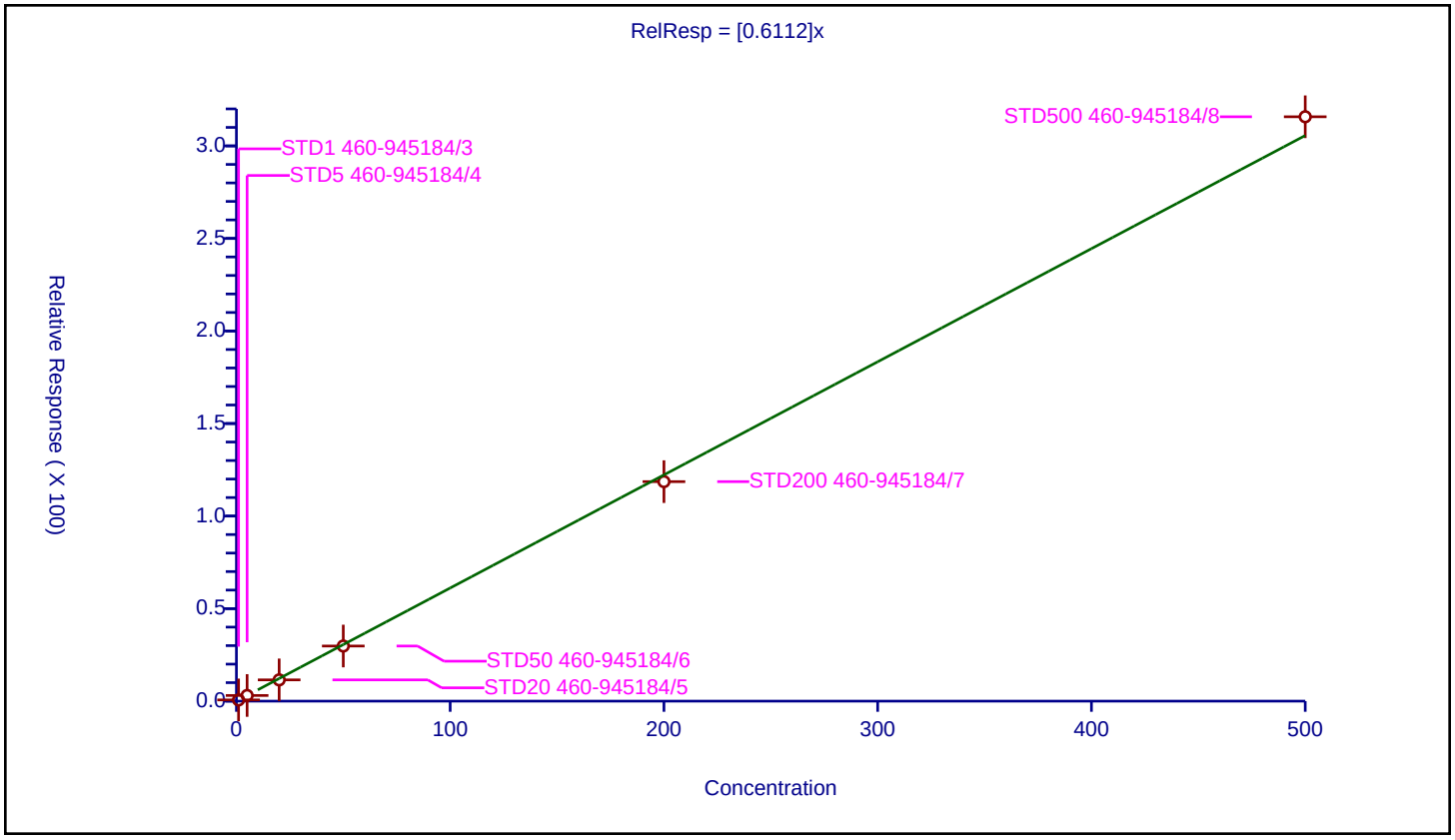
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6112 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 933000 |
| **Relative Standard Error:** | 5.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.659876 | 50.0 | 253078.0 | 0.659876 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.065082 | 50.0 | 264267.0 | 0.613016 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 11.487813 | 50.0 | 287200.0 | 0.574391 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 29.774892 | 50.0 | 285729.0 | 0.595498 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 118.602029 | 50.0 | 307324.0 | 0.59301 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 315.73856 | 50.0 | 308208.0 | 0.631477 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

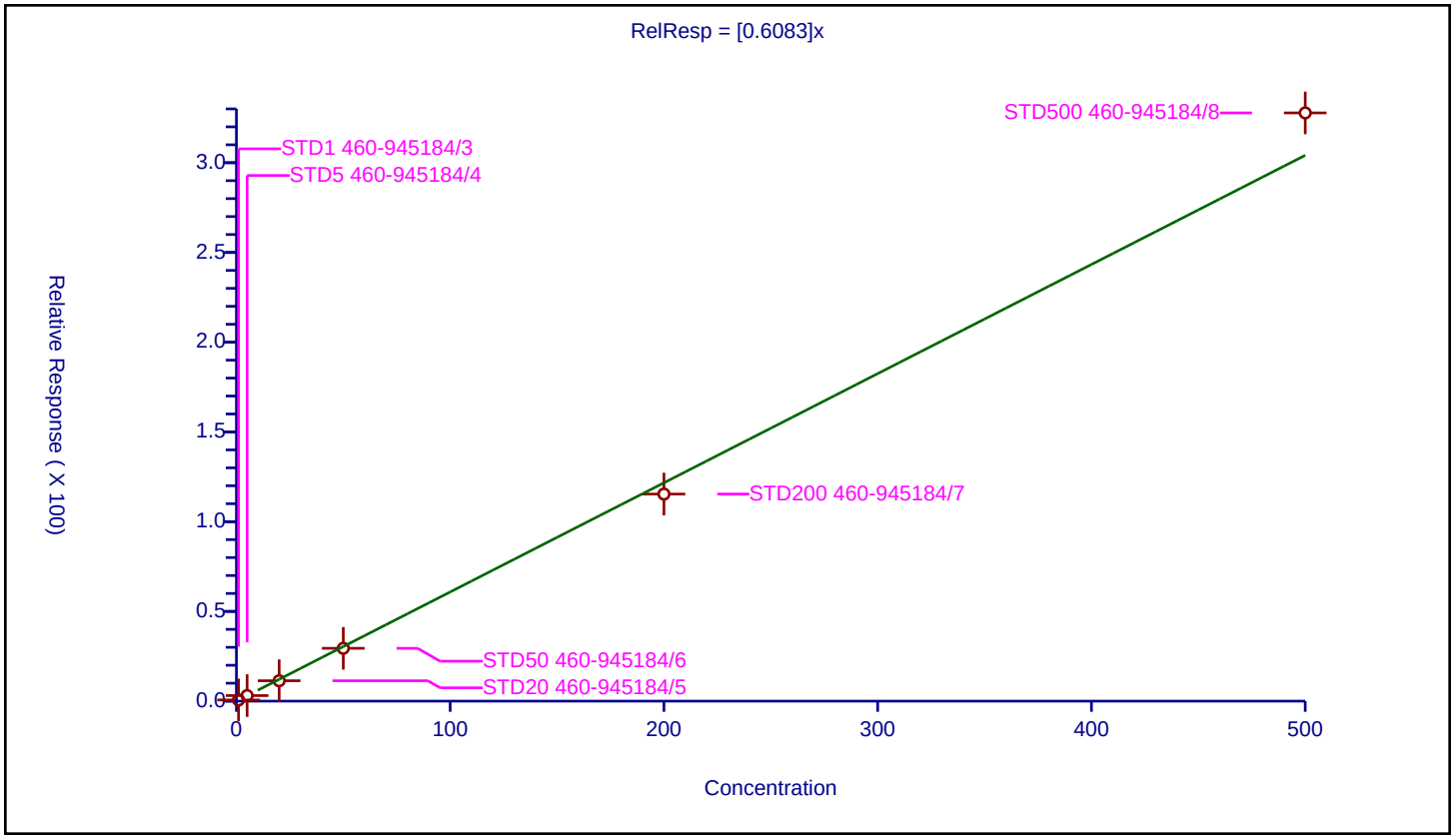
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6083 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 961000 |
| **Relative Standard Error:** | 5.9 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.643082 | 50.0 | 253078.0 | 0.643082 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.087597 | 50.0 | 264267.0 | 0.617519 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 11.35672 | 50.0 | 287200.0 | 0.567836 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 29.439259 | 50.0 | 285729.0 | 0.588785 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 115.381975 | 50.0 | 307324.0 | 0.57691 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 327.761933 | 50.0 | 308208.0 | 0.655524 | 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 |

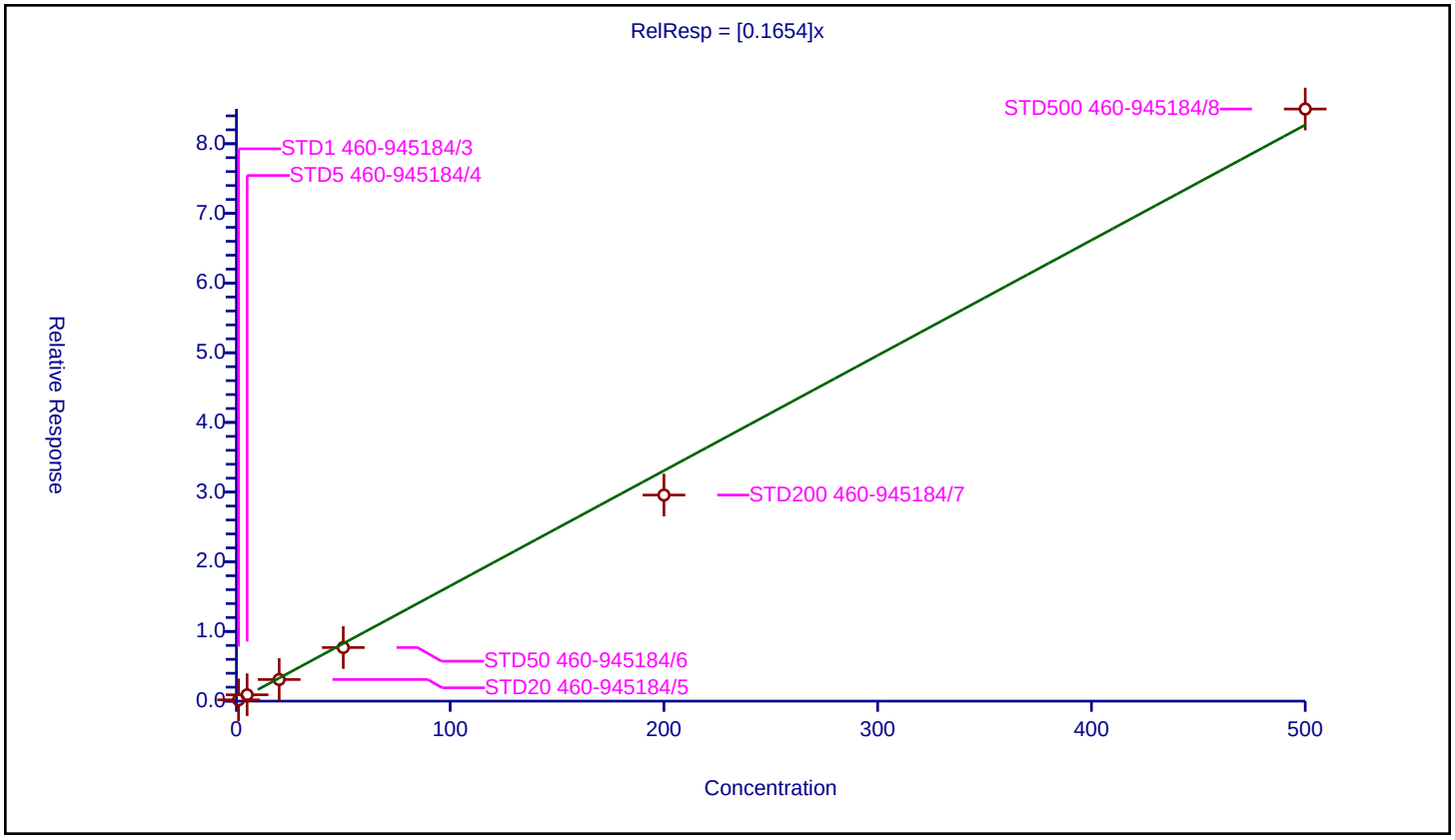
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1654 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 249000 |
| **Relative Standard Error:** | 9.2 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.183343 | 50.0 | 253078.0 | 0.183343 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.910821 | 50.0 | 264267.0 | 0.182164 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 3.102368 | 50.0 | 287200.0 | 0.155118 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 7.694529 | 50.0 | 285729.0 | 0.153891 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 29.575627 | 50.0 | 307324.0 | 0.147878 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 84.979462 | 50.0 | 308208.0 | 0.169959 | Y |






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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

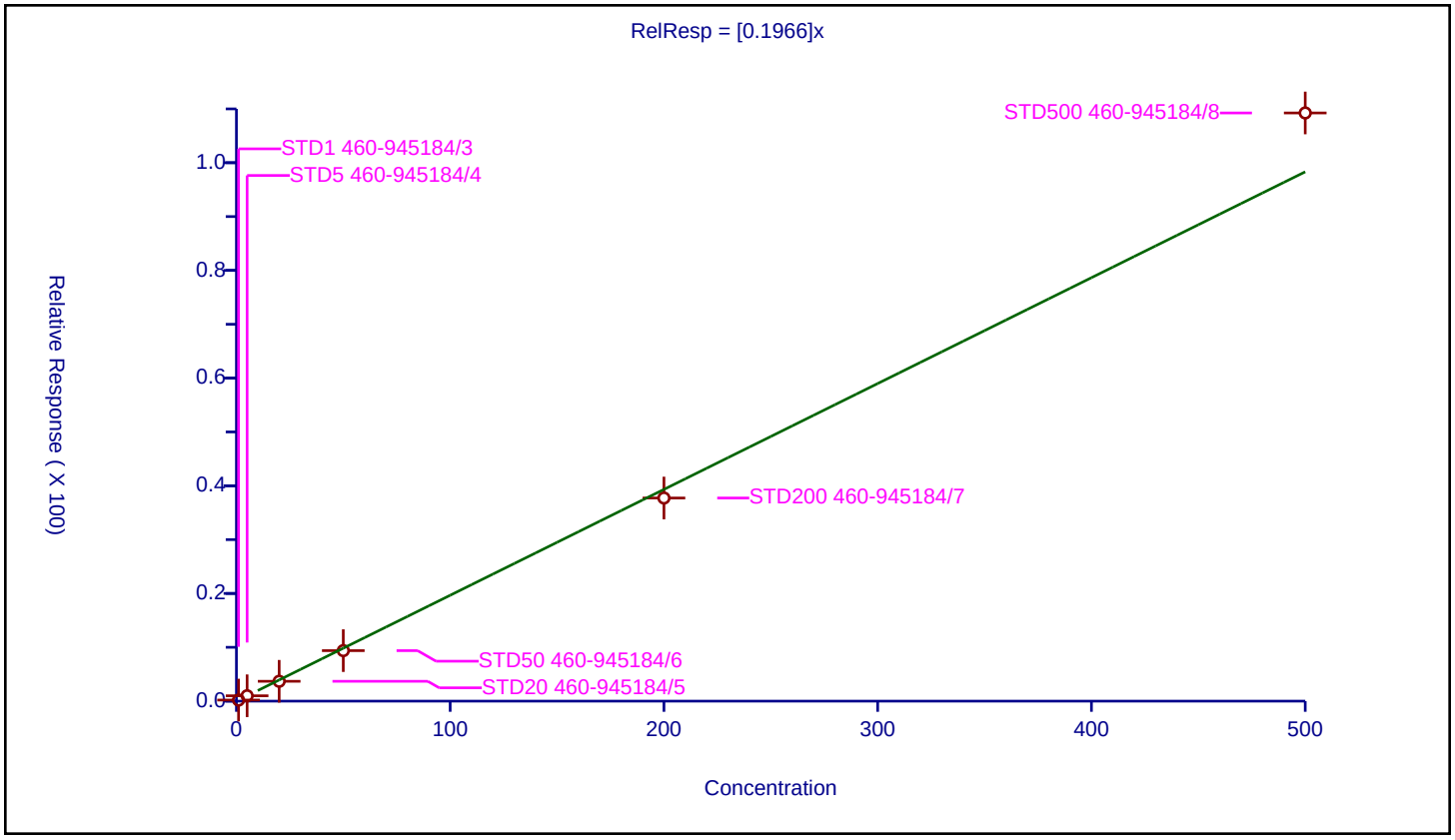
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1966 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 320000 |
| **Relative Standard Error:** | 6.4 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.201519 | 50.0 | 253078.0 | 0.201519 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.995584 | 50.0 | 264267.0 | 0.199117 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 3.687674 | 50.0 | 287200.0 | 0.184384 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 9.380392 | 50.0 | 285729.0 | 0.187608 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 37.728586 | 50.0 | 307324.0 | 0.188643 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 109.241648 | 50.0 | 308208.0 | 0.218483 | Y |



## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

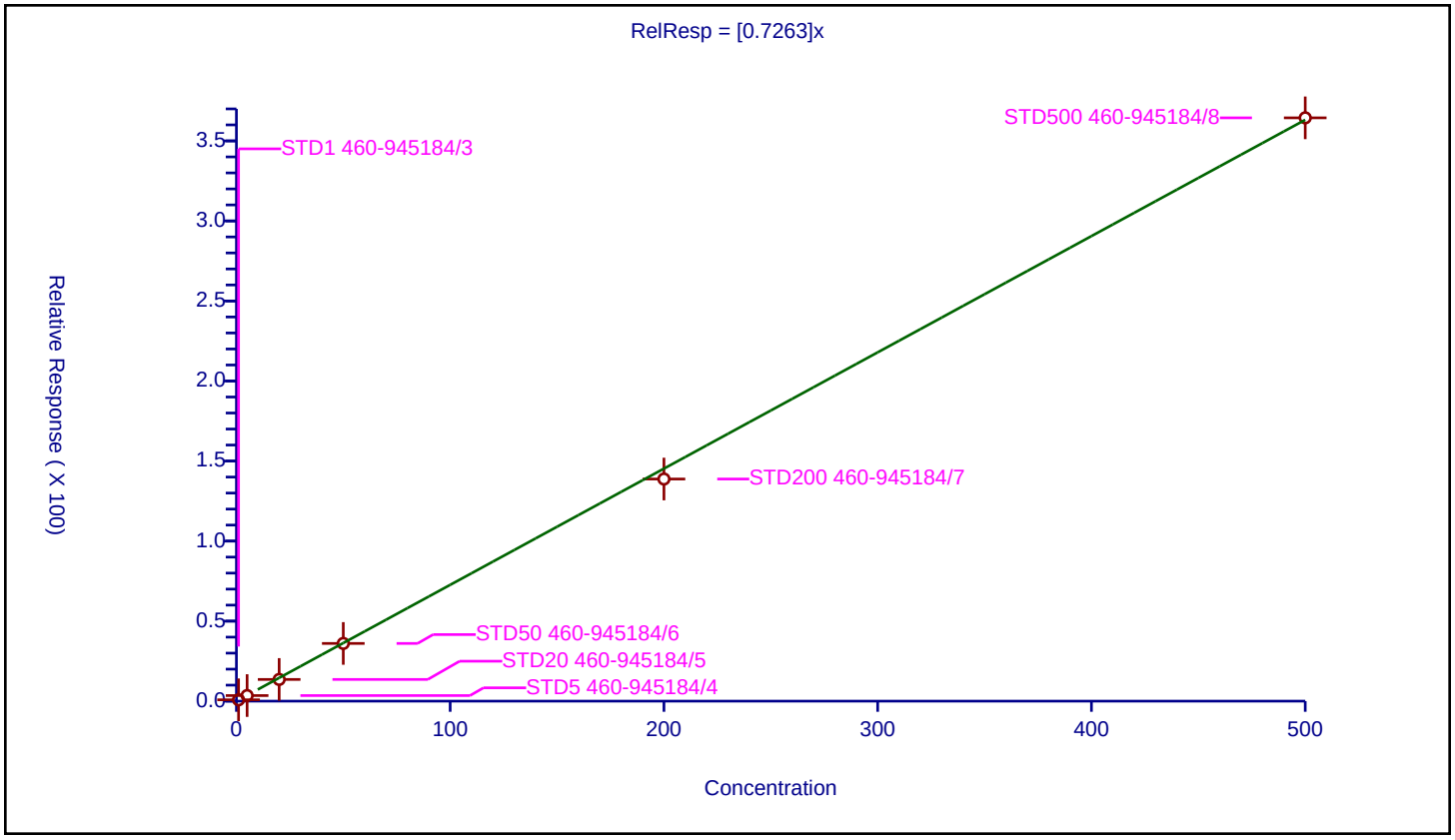
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7263 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1080000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.839069 | 50.0 | 253078.0 | 0.839069 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.487193 | 50.0 | 264267.0 | 0.697439 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 13.555362 | 50.0 | 287200.0 | 0.677768 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 36.050593 | 50.0 | 285729.0 | 0.721012 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 138.767392 | 50.0 | 307324.0 | 0.693837 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 364.414778 | 50.0 | 308208.0 | 0.72883 | Y |






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## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

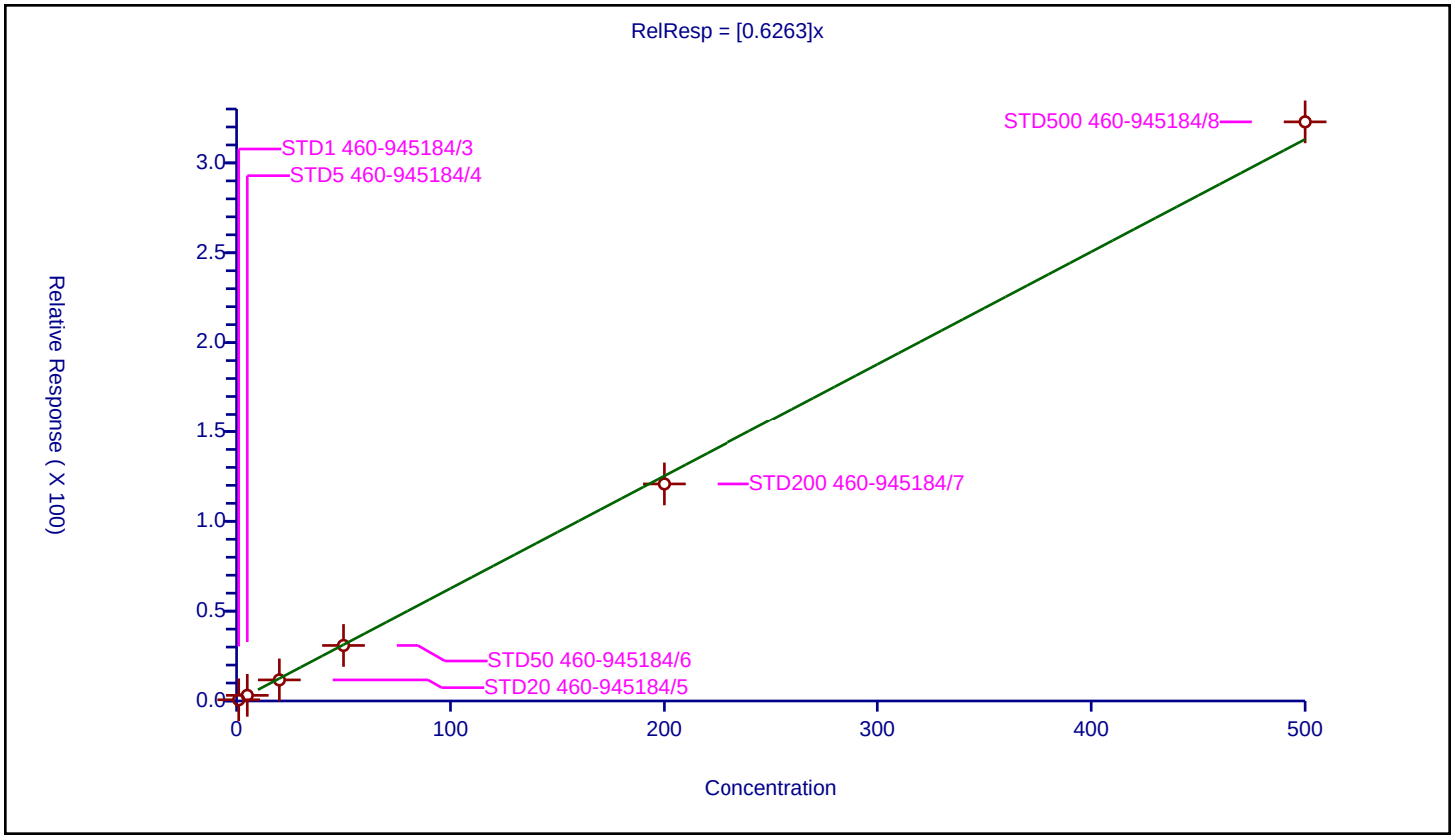
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6263 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 954000 |
| **Relative Standard Error:** | 5.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.676471 | 50.0 | 253078.0 | 0.676471 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.135087 | 50.0 | 264267.0 | 0.627017 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 11.730327 | 50.0 | 287200.0 | 0.586516 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 30.908308 | 50.0 | 285729.0 | 0.618166 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 120.78946 | 50.0 | 307324.0 | 0.603947 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 322.853235 | 50.0 | 308208.0 | 0.645706 | Y |



## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

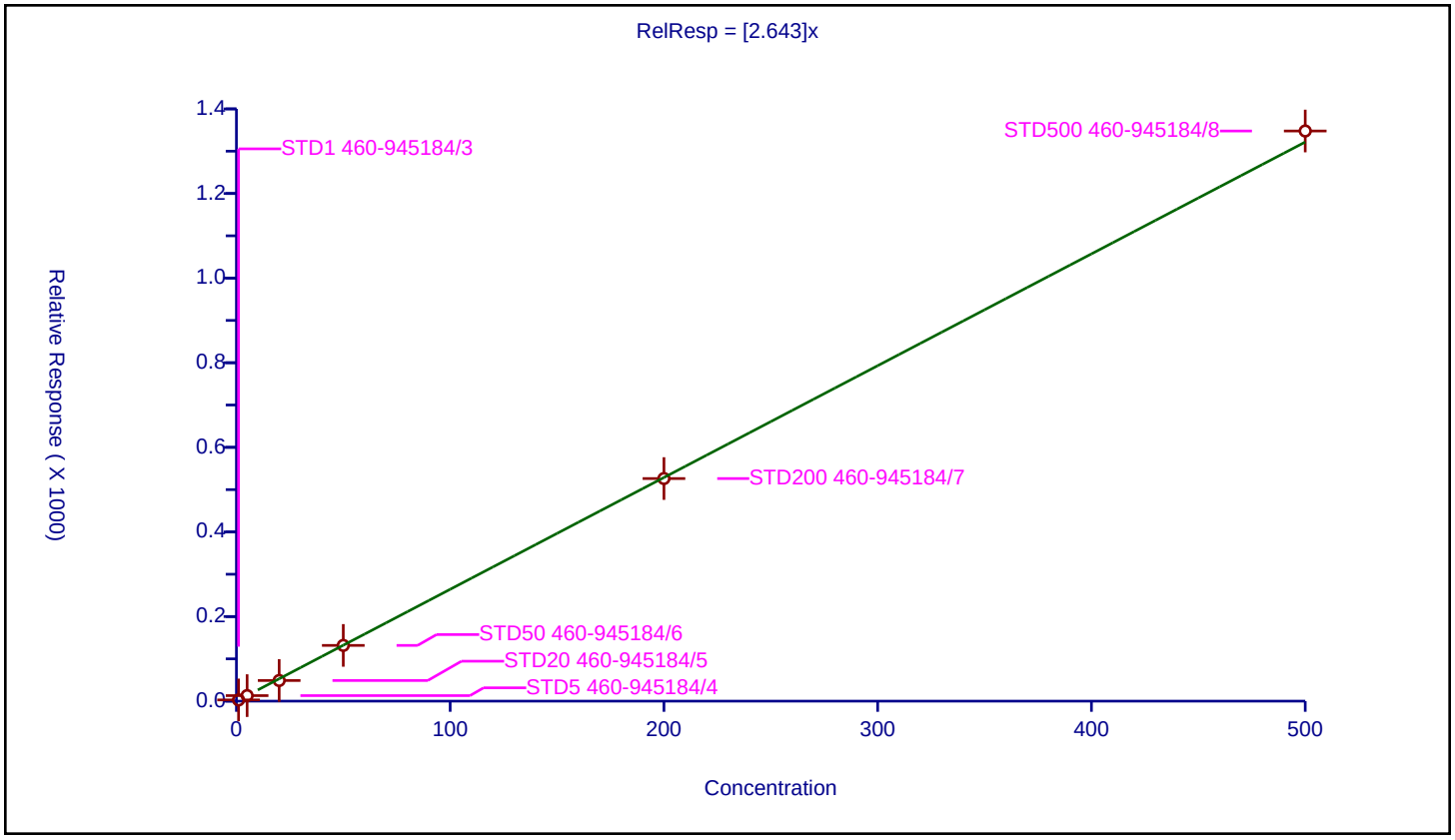
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.643 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4000000 |
| **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 | STD1 460-945184/3 | 1.0 | 2.842997 | 50.0 | 253078.0 | 2.842997 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 13.081656 | 50.0 | 264267.0 | 2.616331 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 48.777507 | 50.0 | 287200.0 | 2.438875 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 131.718691 | 50.0 | 285729.0 | 2.634374 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 526.204267 | 50.0 | 307324.0 | 2.631021 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1347.74438 | 50.0 | 308208.0 | 2.695489 | Y |



## Calibration / 4-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

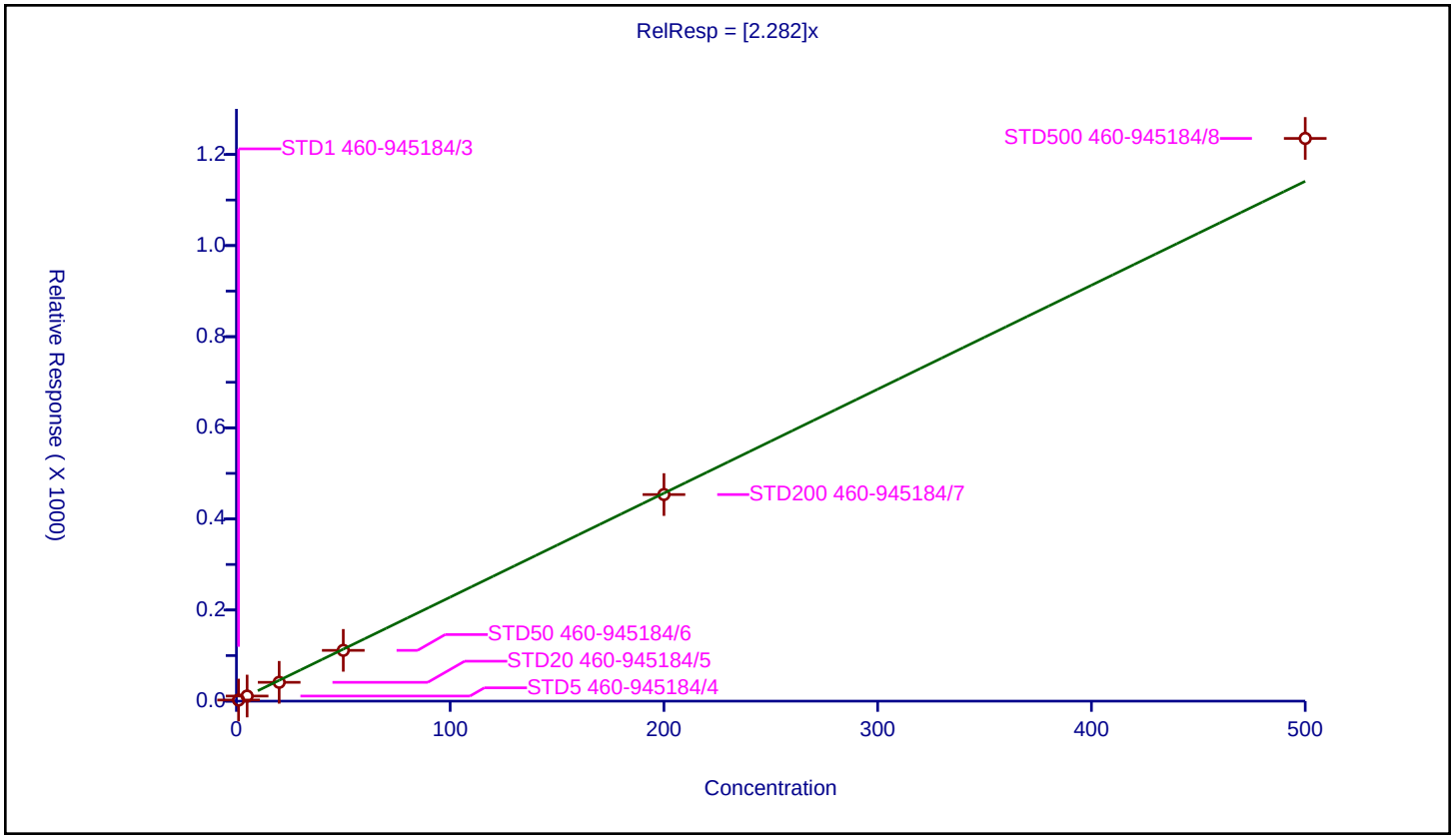
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.282 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3640000 |
| **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 | STD1 460-945184/3 | 1.0 | 2.422178 | 50.0 | 253078.0 | 2.422178 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 11.197955 | 50.0 | 264267.0 | 2.239591 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 41.305884 | 50.0 | 287200.0 | 2.065294 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 111.451585 | 50.0 | 285729.0 | 2.229032 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 453.469791 | 50.0 | 307324.0 | 2.267349 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1235.15045 | 50.0 | 308208.0 | 2.470301 | Y |






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## Calibration / 1,3,5-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

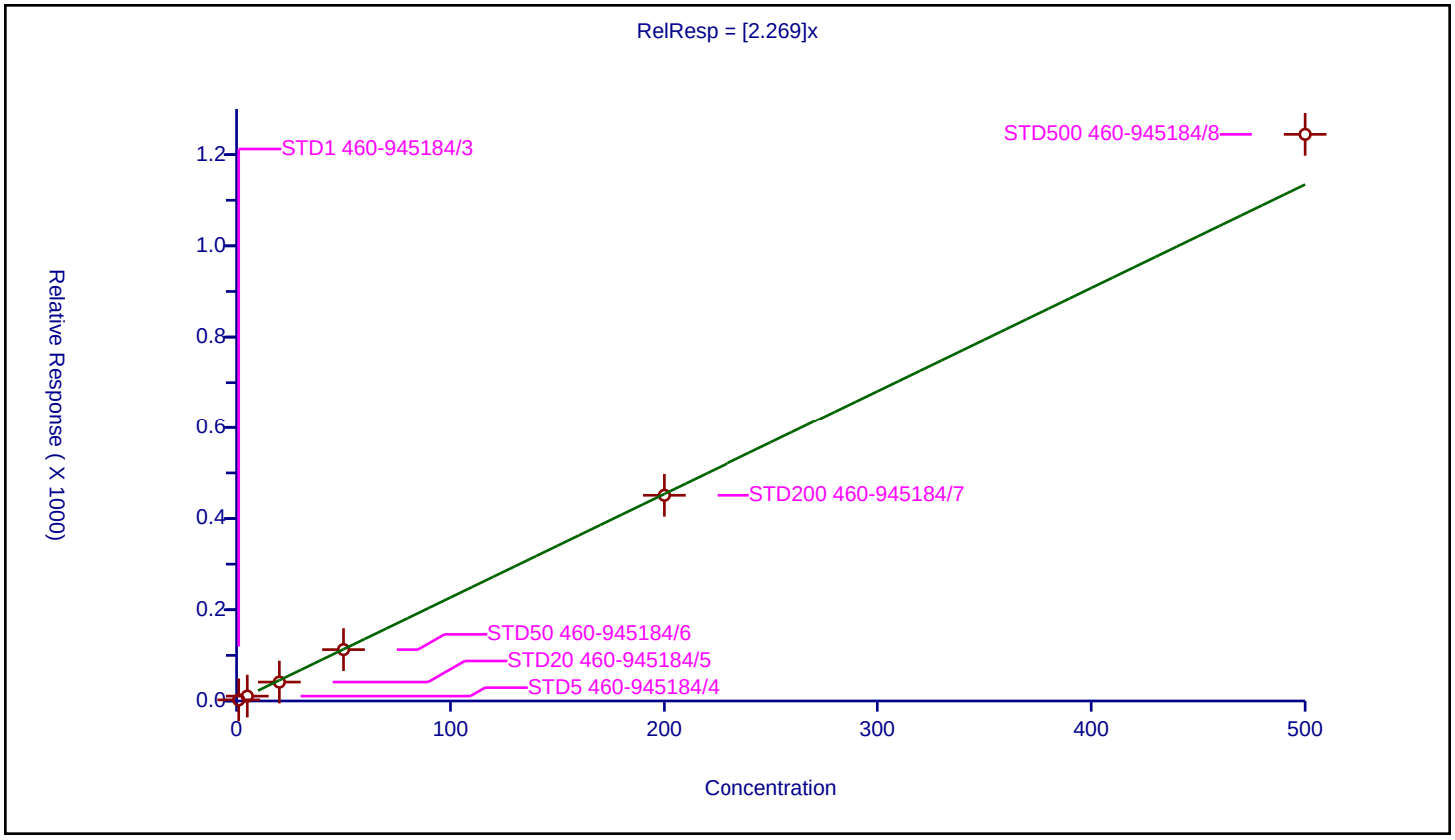
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.269 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3660000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 2.411509 | 50.0 | 253078.0 | 2.411509 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 10.659863 | 50.0 | 264267.0 | 2.131973 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 41.486421 | 50.0 | 287200.0 | 2.074321 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 112.608801 | 50.0 | 285729.0 | 2.252176 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 451.028393 | 50.0 | 307324.0 | 2.255142 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1244.435089 | 50.0 | 308208.0 | 2.48887 | Y |



## Calibration / Butyl Methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

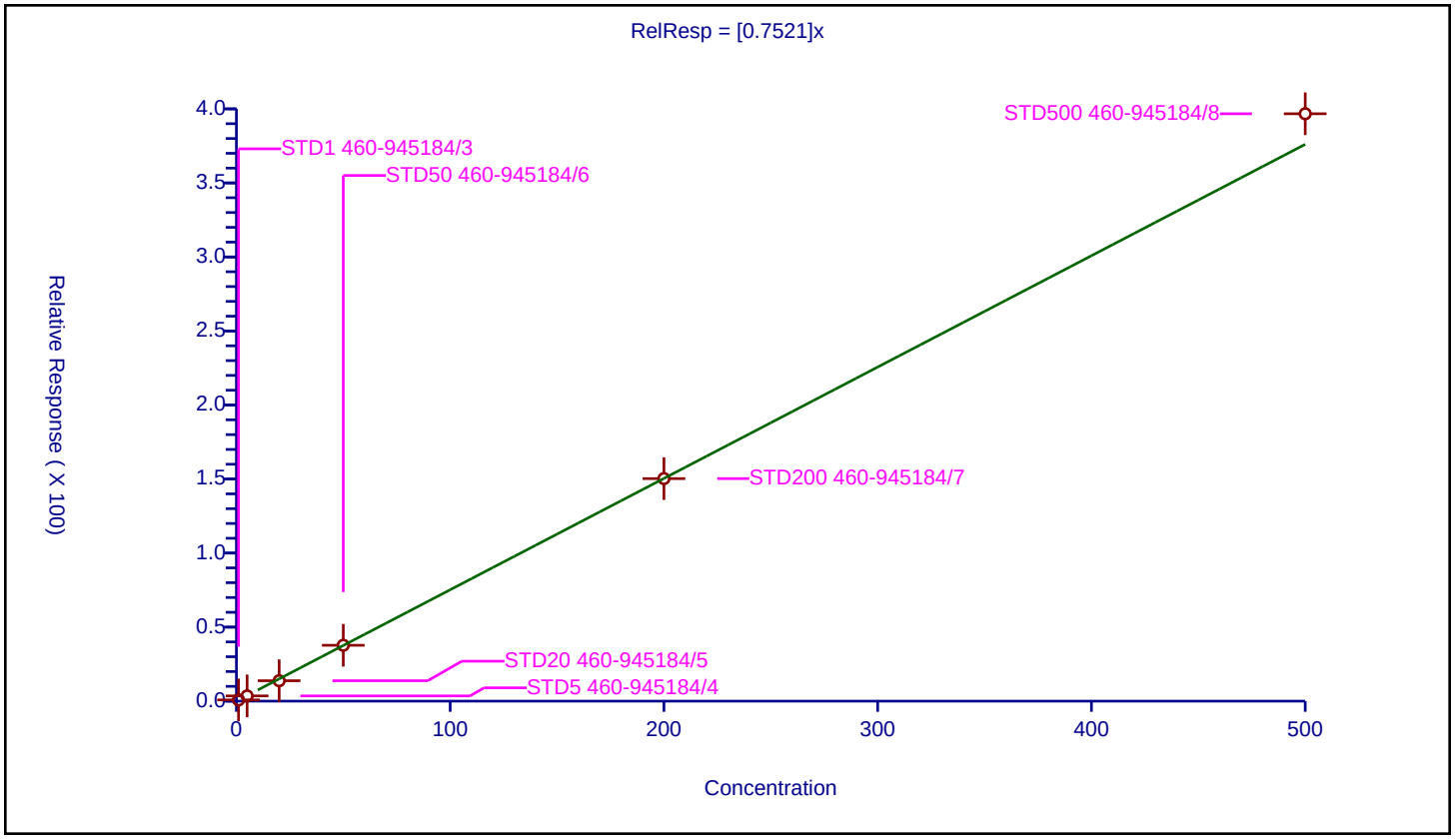
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7521 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1170000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.815361 | 50.0 | 253078.0 | 0.815361 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 3.54017 | 50.0 | 264267.0 | 0.708034 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 13.79335 | 50.0 | 287200.0 | 0.689667 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 37.727882 | 50.0 | 285729.0 | 0.754558 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 150.307981 | 50.0 | 307324.0 | 0.75154 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 396.711474 | 50.0 | 308208.0 | 0.793423 | Y |



## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

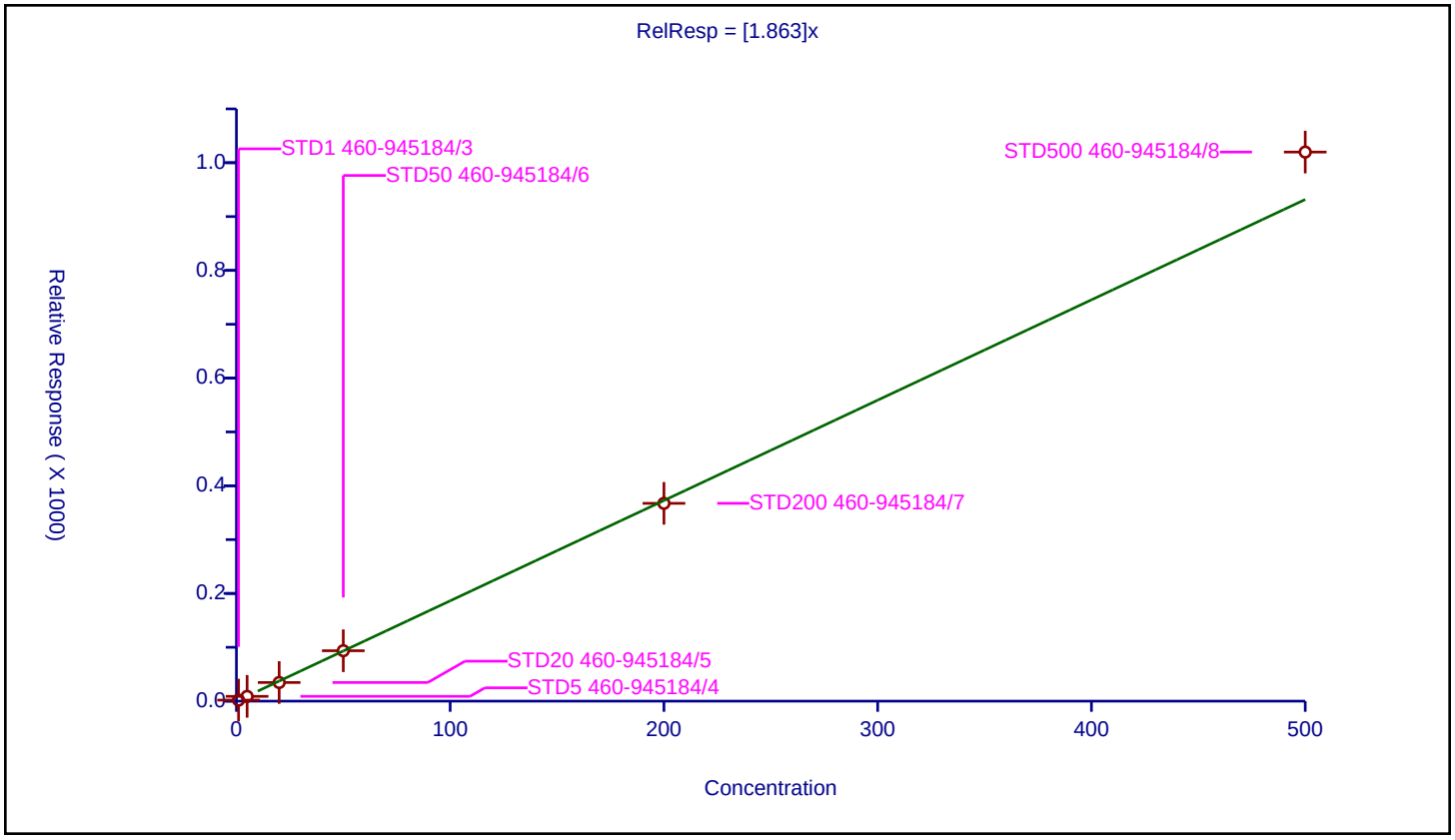
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.863 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3000000 |
| **Relative Standard Error:** | 5.9 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.925296 | 50.0 | 253078.0 | 1.925296 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 8.879277 | 50.0 | 264267.0 | 1.775855 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 34.598886 | 50.0 | 287200.0 | 1.729944 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 93.633128 | 50.0 | 285729.0 | 1.872663 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 367.370267 | 50.0 | 307324.0 | 1.836851 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1019.808376 | 50.0 | 308208.0 | 2.039617 | 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 |

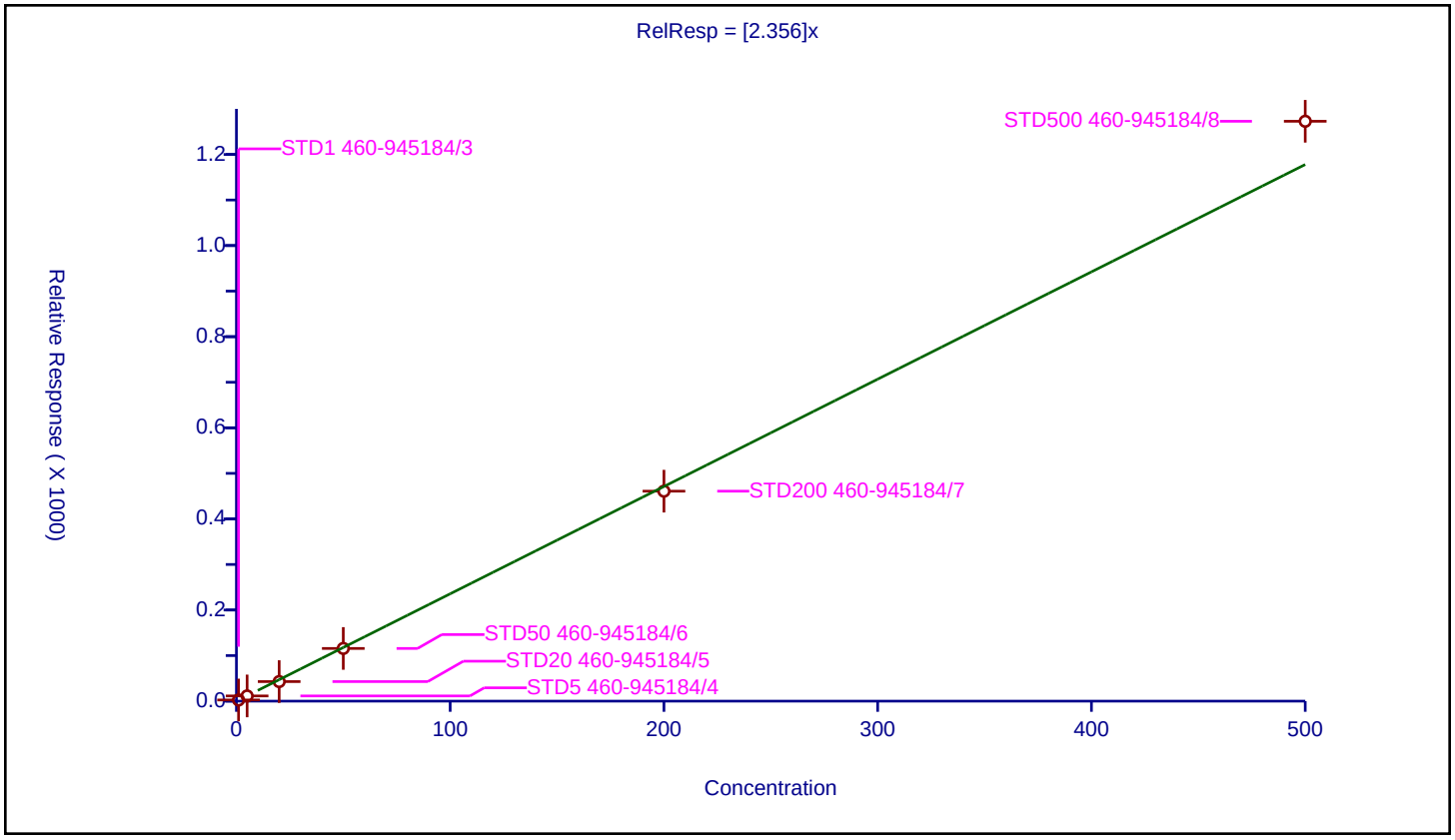
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.356 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3740000 |
| **Relative Standard Error:** | 6.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 2.54388 | 50.0 | 253078.0 | 2.54388 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 11.401726 | 50.0 | 264267.0 | 2.280345 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 42.927925 | 50.0 | 287200.0 | 2.146396 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 115.691617 | 50.0 | 285729.0 | 2.313832 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 460.863779 | 50.0 | 307324.0 | 2.304319 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1272.797105 | 50.0 | 308208.0 | 2.545594 | Y |






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## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

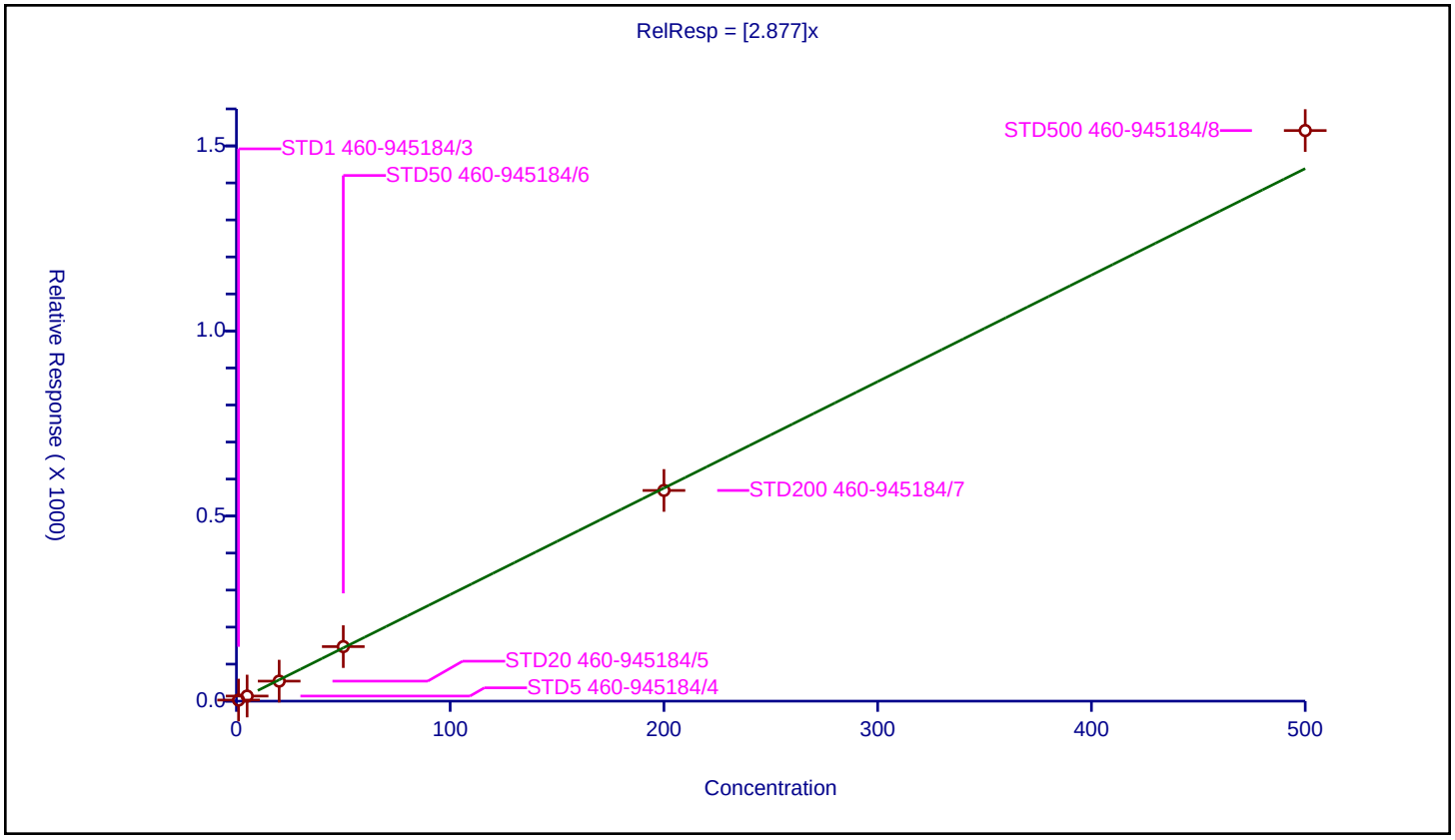
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.877 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4550000 |
| **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 | STD1 460-945184/3 | 1.0 | 2.934668 | 50.0 | 253078.0 | 2.934668 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 13.753325 | 50.0 | 264267.0 | 2.750665 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 54.090355 | 50.0 | 287200.0 | 2.704518 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 147.289915 | 50.0 | 285729.0 | 2.945798 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 569.180897 | 50.0 | 307324.0 | 2.845904 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1541.52423 | 50.0 | 308208.0 | 3.083048 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

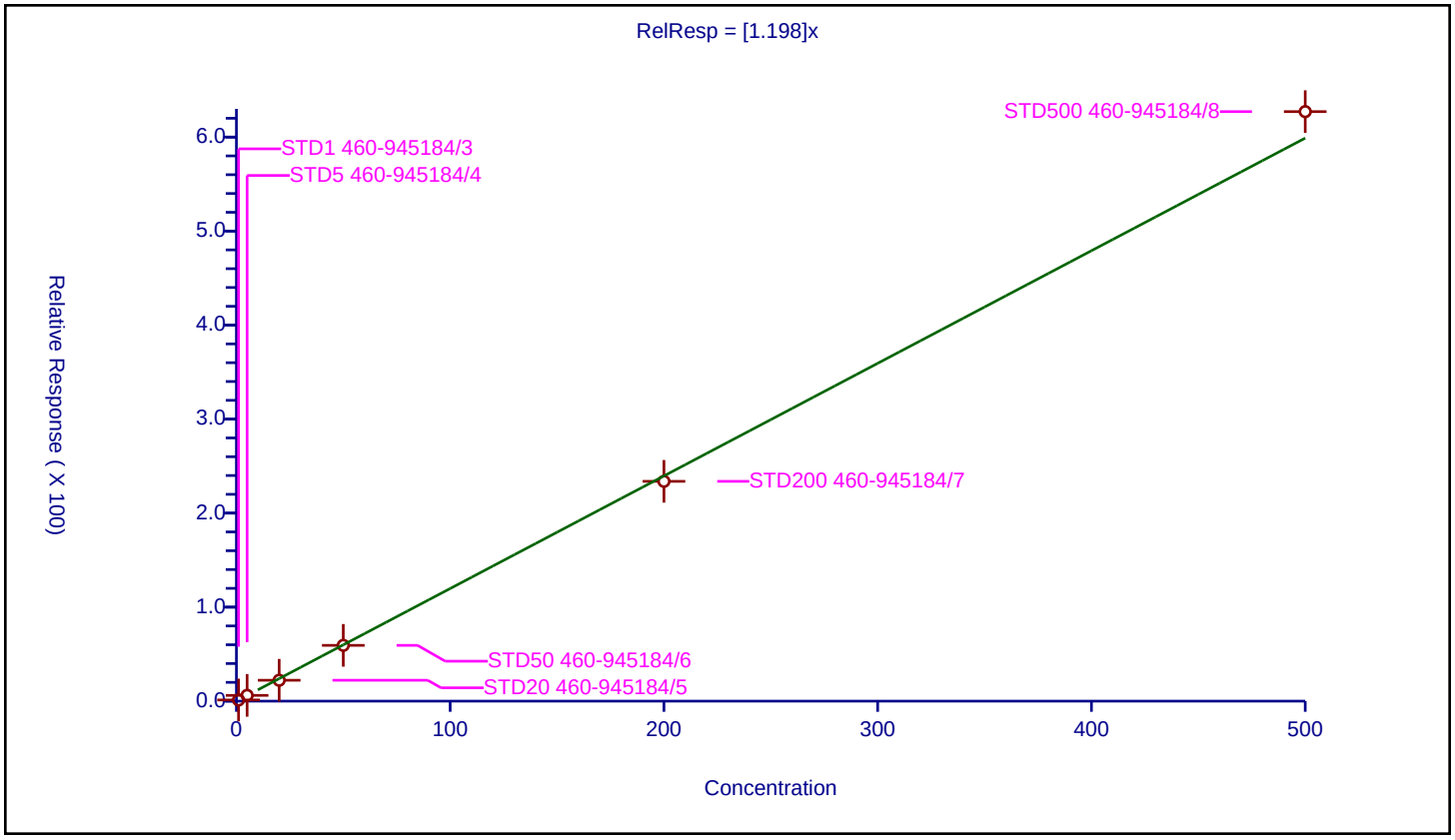
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.198 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1850000 |
| **Relative Standard Error:** | 4.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.238156 | 50.0 | 253078.0 | 1.238156 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 6.136407 | 50.0 | 264267.0 | 1.227281 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 22.229979 | 50.0 | 287200.0 | 1.111499 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 59.340319 | 50.0 | 285729.0 | 1.186806 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 233.808619 | 50.0 | 307324.0 | 1.169043 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 627.070031 | 50.0 | 308208.0 | 1.25414 | Y |



## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

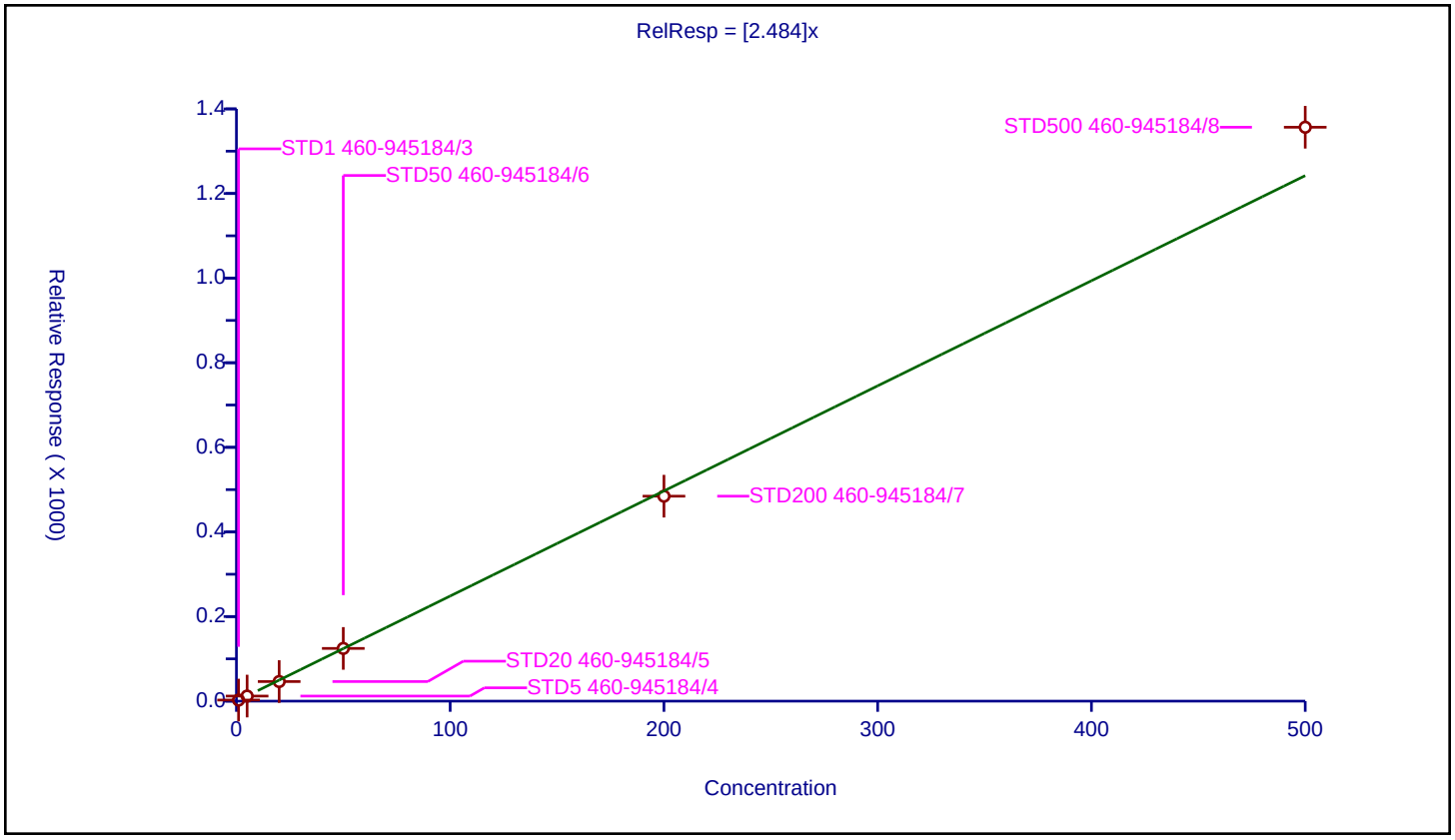
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.484 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3980000 |
| **Relative Standard Error:** | 5.6 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 2.561661 | 50.0 | 253078.0 | 2.561661 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 12.002634 | 50.0 | 264267.0 | 2.400527 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 46.319812 | 50.0 | 287200.0 | 2.315991 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 124.624907 | 50.0 | 285729.0 | 2.492498 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 484.528706 | 50.0 | 307324.0 | 2.422644 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1356.634967 | 50.0 | 308208.0 | 2.71327 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

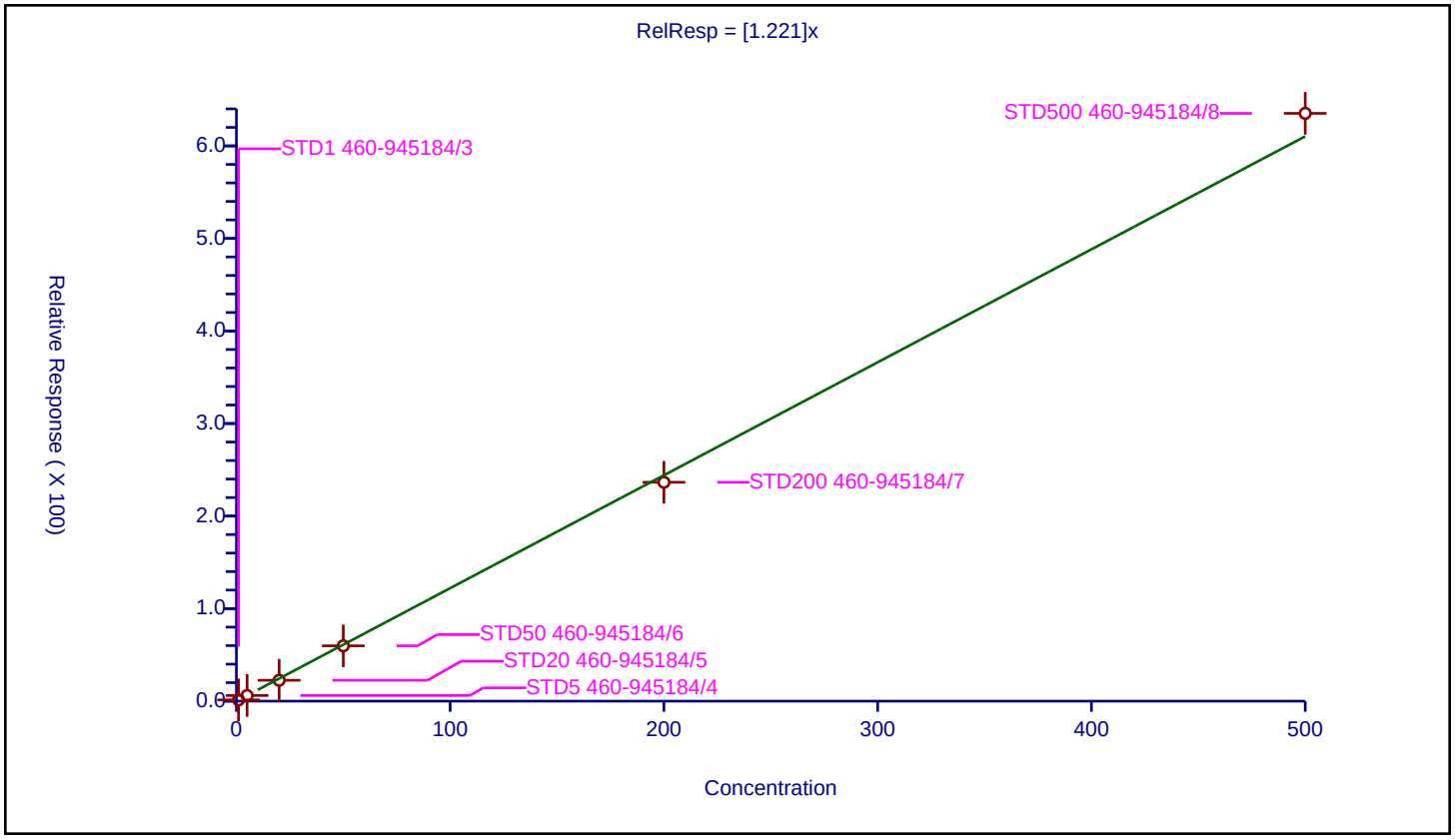
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.221 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1870000 |
| **Relative Standard Error:** | 5.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.332396 | 50.0 | 253078.0 | 1.332396 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 6.073403 | 50.0 | 264267.0 | 1.214681 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 22.572946 | 50.0 | 287200.0 | 1.128647 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 59.751898 | 50.0 | 285729.0 | 1.195038 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 236.504145 | 50.0 | 307324.0 | 1.182521 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 635.174785 | 50.0 | 308208.0 | 1.27035 | 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 |

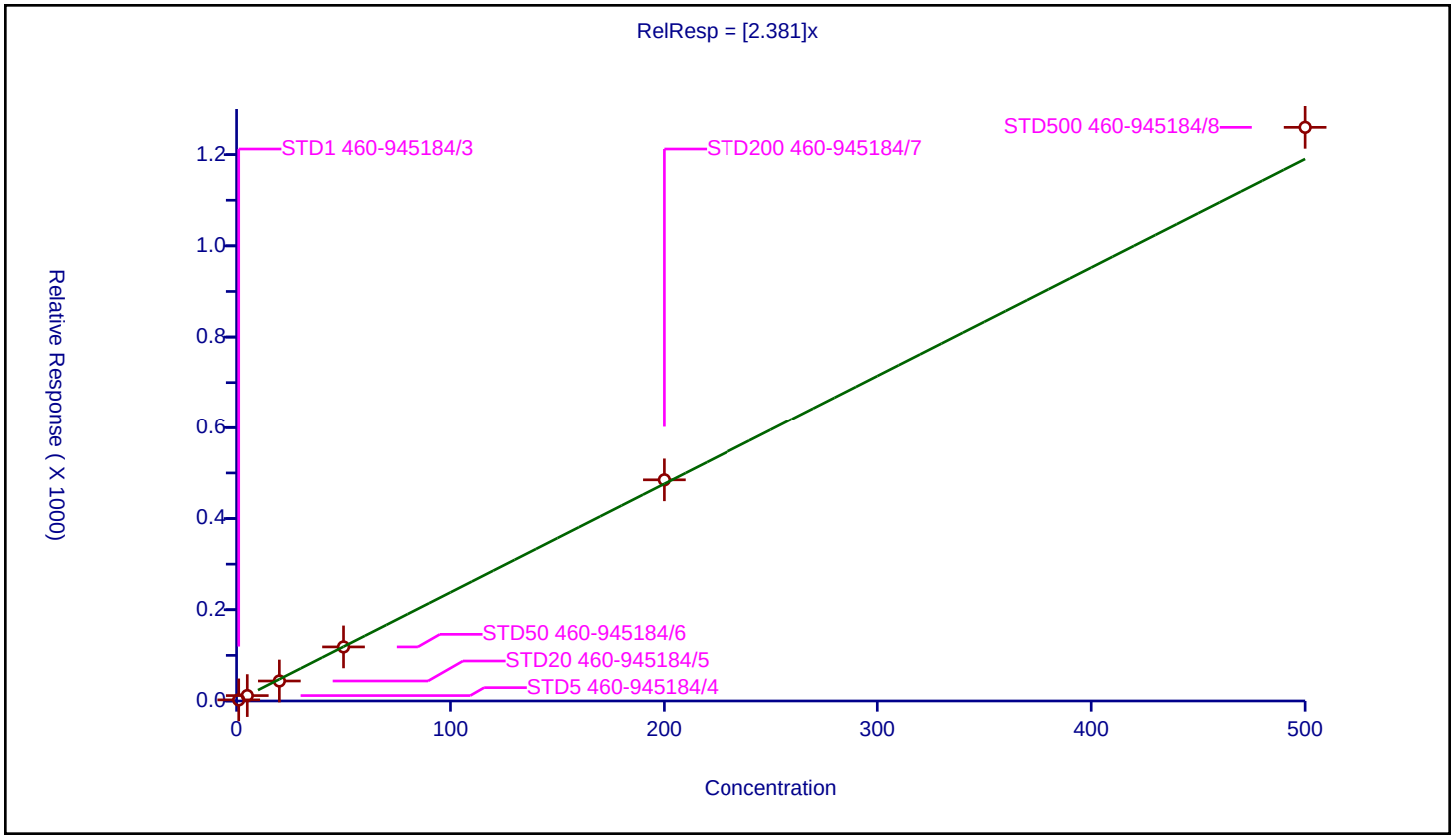
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.381 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3730000 |
| **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 | STD1 460-945184/3 | 1.0 | 2.412497 | 50.0 | 253078.0 | 2.412497 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 11.841244 | 50.0 | 264267.0 | 2.368249 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 43.81546 | 50.0 | 287200.0 | 2.190773 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 118.506347 | 50.0 | 285729.0 | 2.370127 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 484.923078 | 50.0 | 307324.0 | 2.424615 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1259.853248 | 50.0 | 308208.0 | 2.519706 | Y |



## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

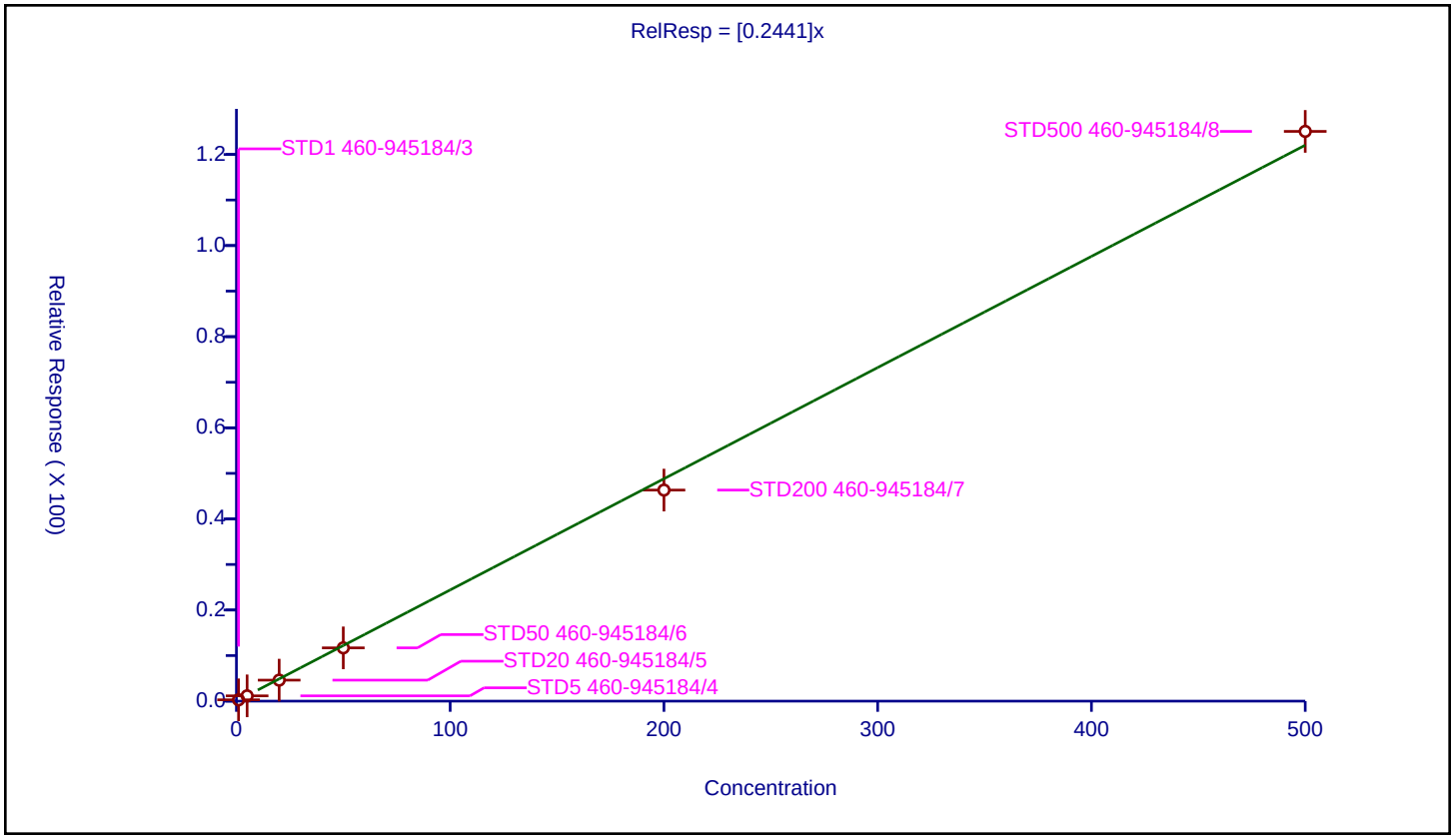
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2441 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 369000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.286473 | 50.0 | 253078.0 | 0.286473 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 1.158487 | 50.0 | 264267.0 | 0.231697 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 4.61055 | 50.0 | 287200.0 | 0.230528 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 11.695348 | 50.0 | 285729.0 | 0.233907 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 46.327654 | 50.0 | 307324.0 | 0.231638 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 125.061971 | 50.0 | 308208.0 | 0.250124 | Y |



## Calibration / 2,3-Dihydroindene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

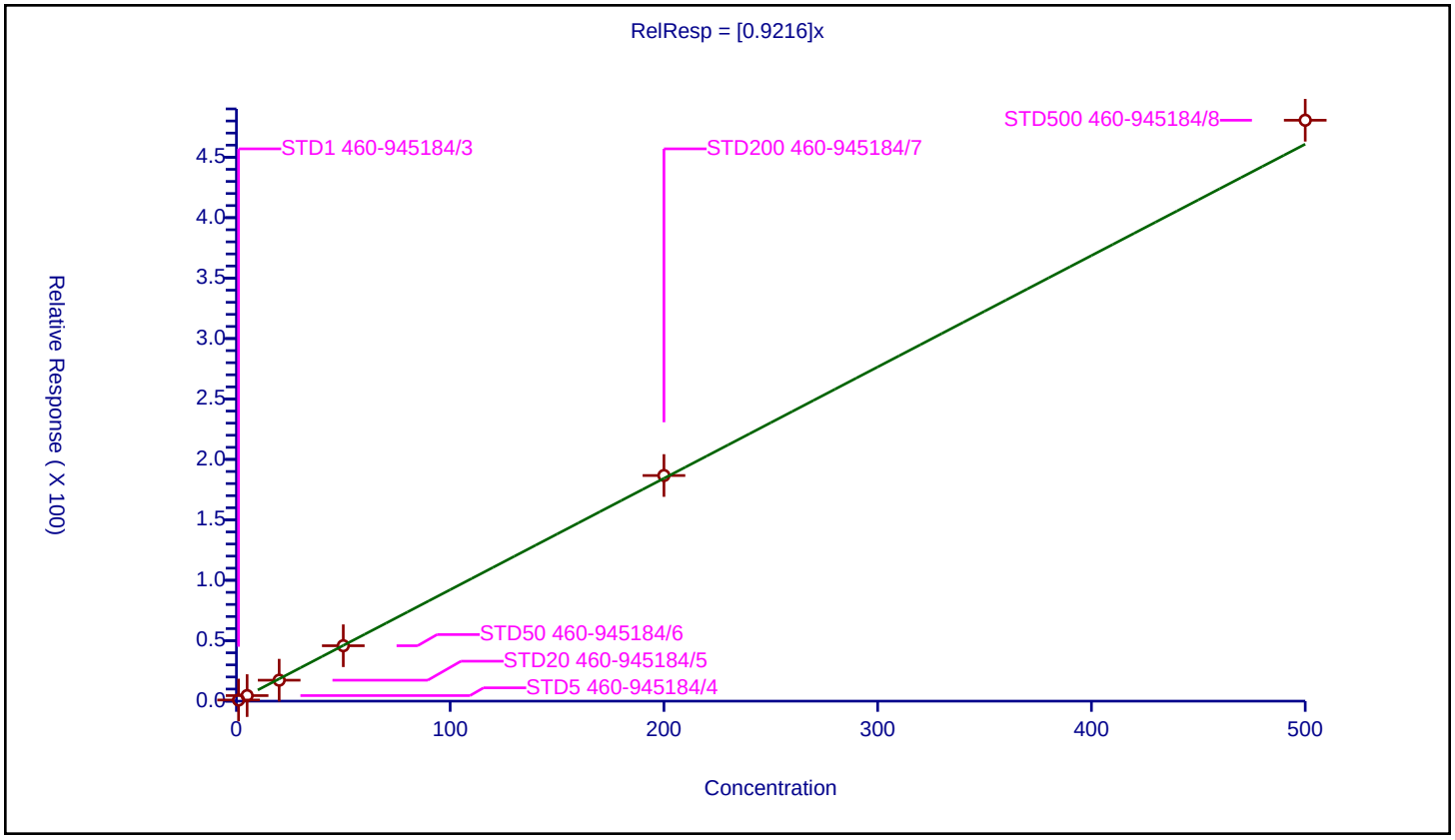
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9216 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3250000 |
| **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 | STD1 460-945184/3 | 1.0 | 0.93388 | 50.0 | 604842.0 | 0.93388 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 4.587599 | 50.0 | 607322.0 | 0.91752 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 17.335055 | 50.0 | 654460.0 | 0.866753 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 45.852778 | 50.0 | 660213.0 | 0.917056 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 186.670053 | 50.0 | 696852.0 | 0.93335 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 480.617047 | 50.0 | 701503.0 | 0.961234 | Y |






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## Calibration / p-Diethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

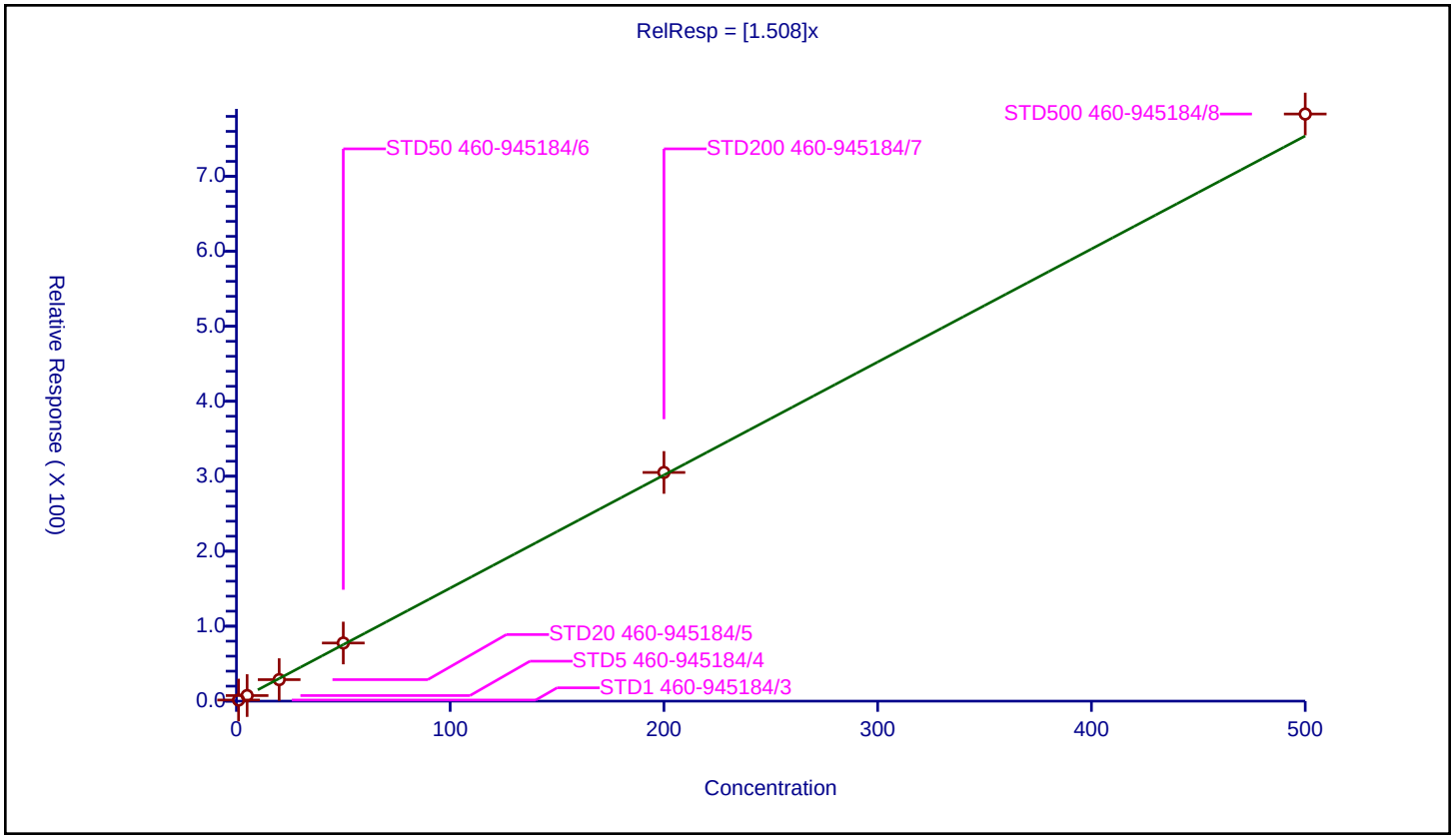
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.508 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2330000 |
| **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 | STD1 460-945184/3 | 1.0 | 1.479583 | 50.0 | 253078.0 | 1.479583 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 7.452311 | 50.0 | 264267.0 | 1.490462 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 28.686455 | 50.0 | 287200.0 | 1.434323 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 77.552506 | 50.0 | 285729.0 | 1.55105 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 305.068755 | 50.0 | 307324.0 | 1.525344 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 783.176134 | 50.0 | 308208.0 | 1.566352 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

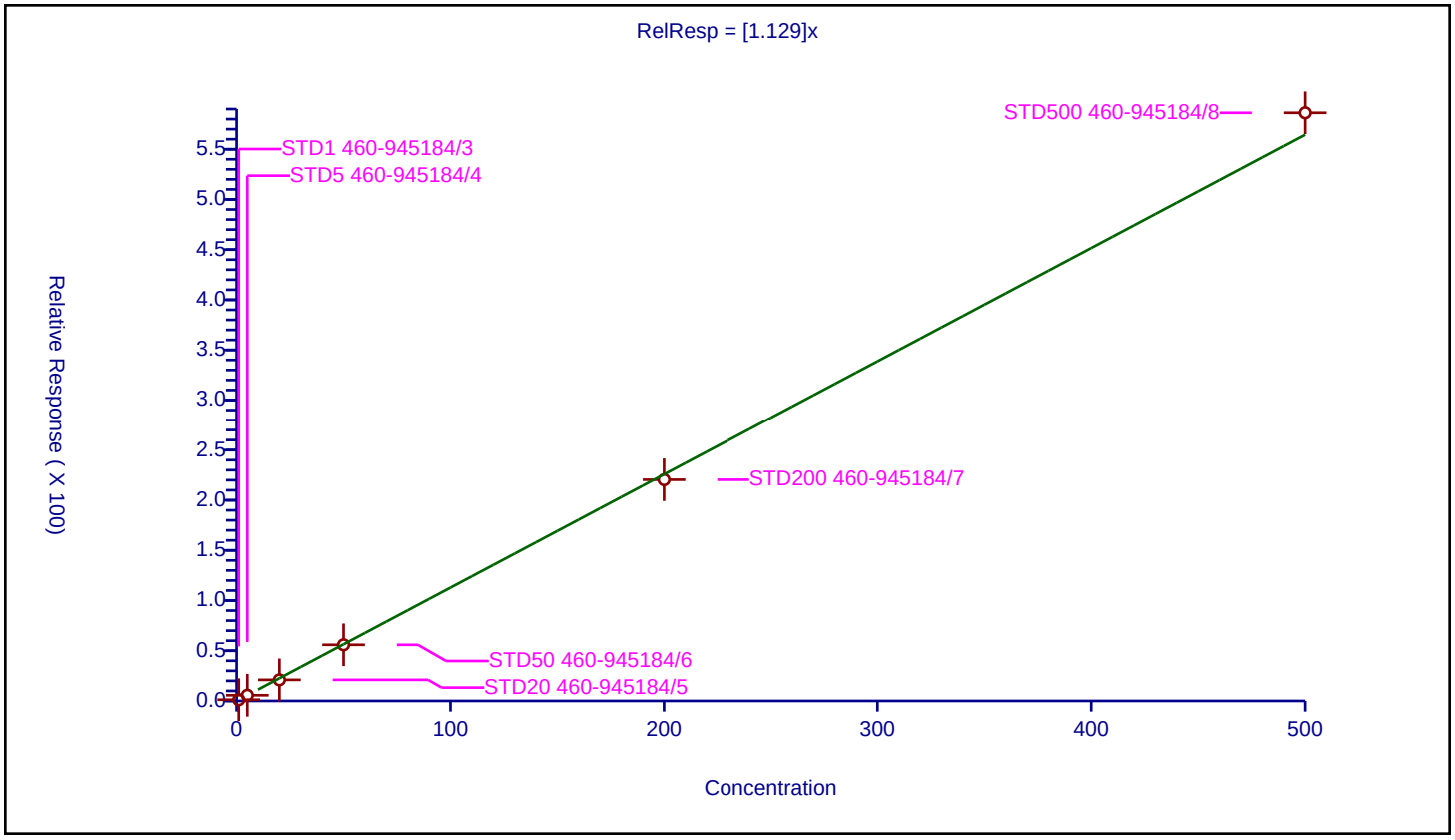
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.129 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1730000 |
| **Relative Standard Error:** | 4.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.196667 | 50.0 | 253078.0 | 1.196667 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 5.666428 | 50.0 | 264267.0 | 1.133286 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 21.011838 | 50.0 | 287200.0 | 1.050592 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 55.92222 | 50.0 | 285729.0 | 1.118444 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 220.43869 | 50.0 | 307324.0 | 1.102193 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 586.250032 | 50.0 | 308208.0 | 1.1725 | Y |






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## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

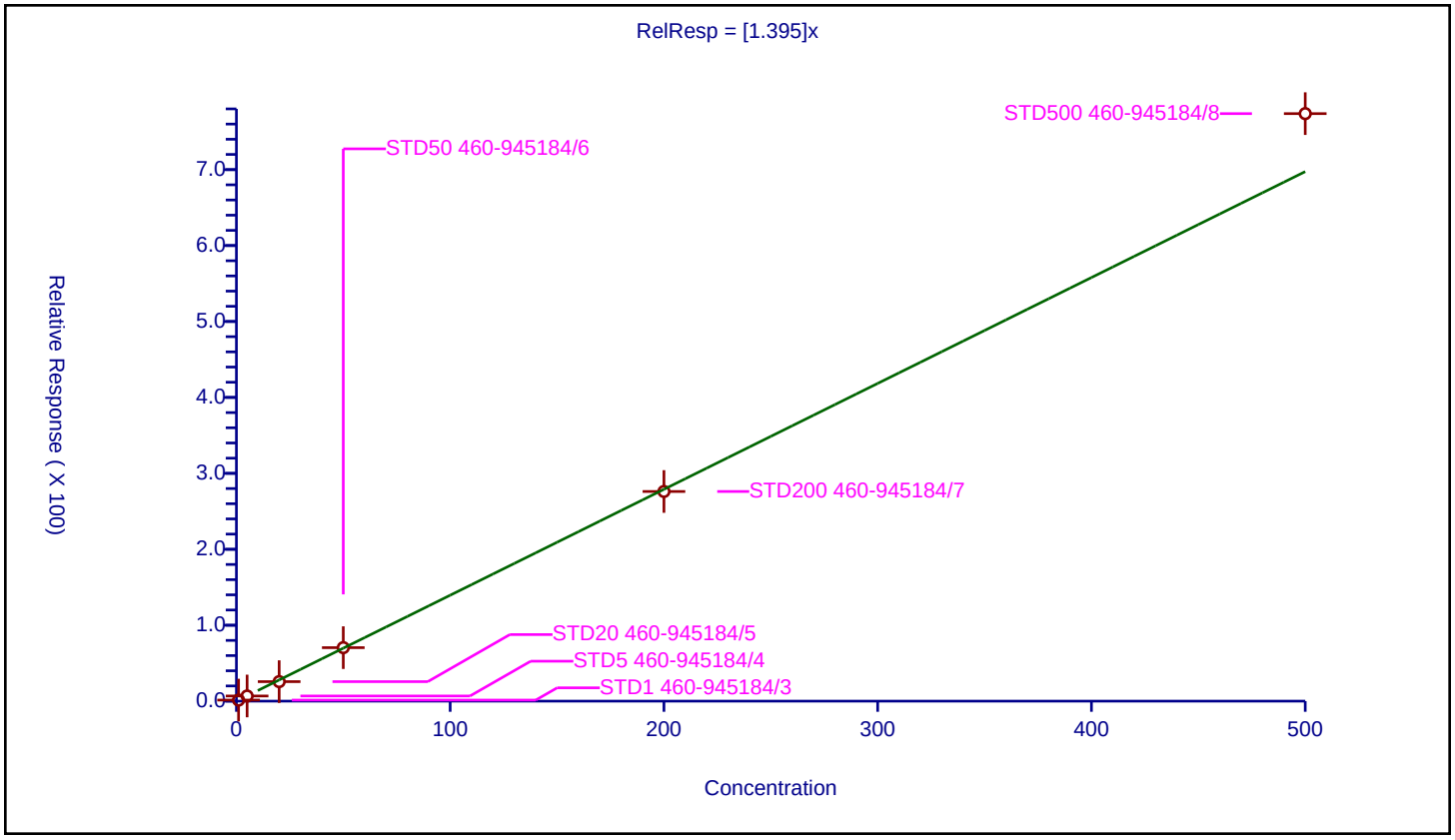
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.395 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2270000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.388702 | 50.0 | 253078.0 | 1.388702 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 6.789156 | 50.0 | 264267.0 | 1.357831 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 25.702994 | 50.0 | 287200.0 | 1.28515 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 70.440347 | 50.0 | 285729.0 | 1.408807 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 276.111856 | 50.0 | 307324.0 | 1.380559 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 773.750519 | 50.0 | 308208.0 | 1.547501 | Y |



## Calibration / 1,2,4,5-Tetramethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

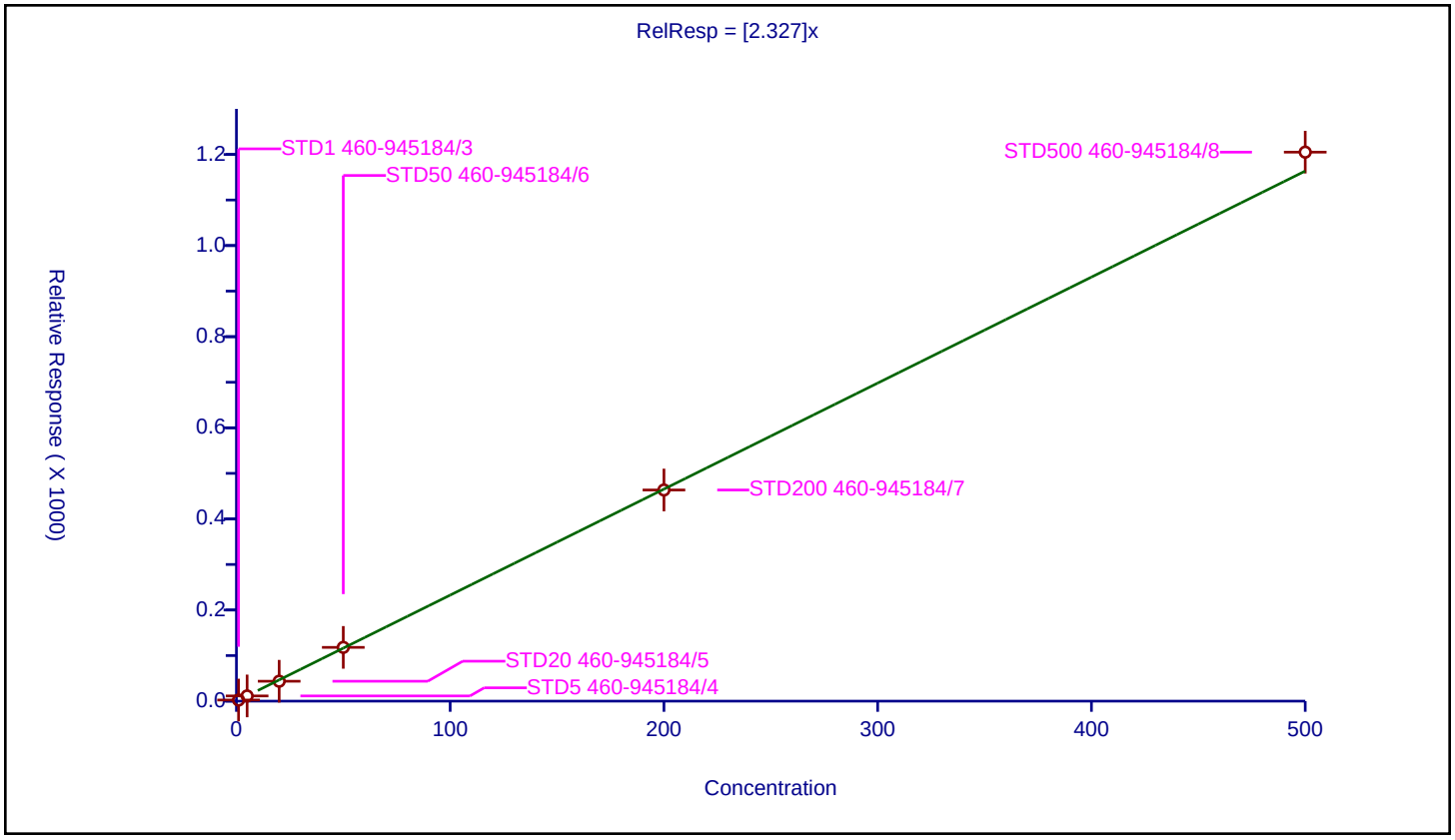
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.327 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3570000 |
| **Relative Standard Error:** | 3.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 2.403804 | 50.0 | 253078.0 | 2.403804 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 11.422917 | 50.0 | 264267.0 | 2.284583 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 43.723364 | 50.0 | 287200.0 | 2.186168 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 118.025647 | 50.0 | 285729.0 | 2.360513 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 463.467871 | 50.0 | 307324.0 | 2.317339 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1205.031342 | 50.0 | 308208.0 | 2.410063 | Y |






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## 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 |

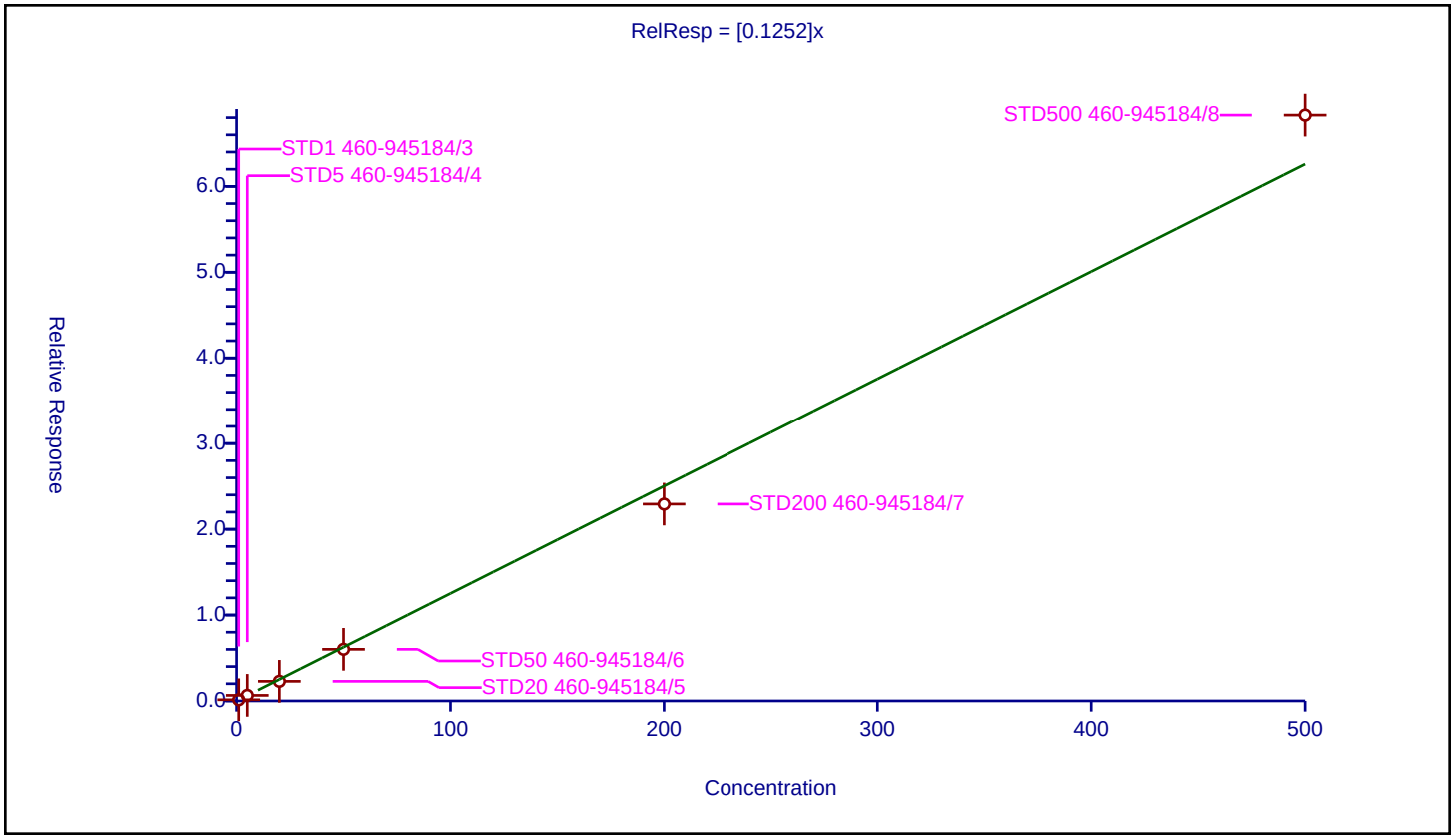
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1252 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 199000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.136124 | 50.0 | 253078.0 | 0.136124 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 0.646884 | 50.0 | 264267.0 | 0.129377 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 2.283774 | 50.0 | 287200.0 | 0.114189 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 6.01024 | 50.0 | 285729.0 | 0.120205 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 22.931662 | 50.0 | 307324.0 | 0.114658 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 68.293652 | 50.0 | 308208.0 | 0.136587 | Y |






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## Calibration / 1,3,5-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

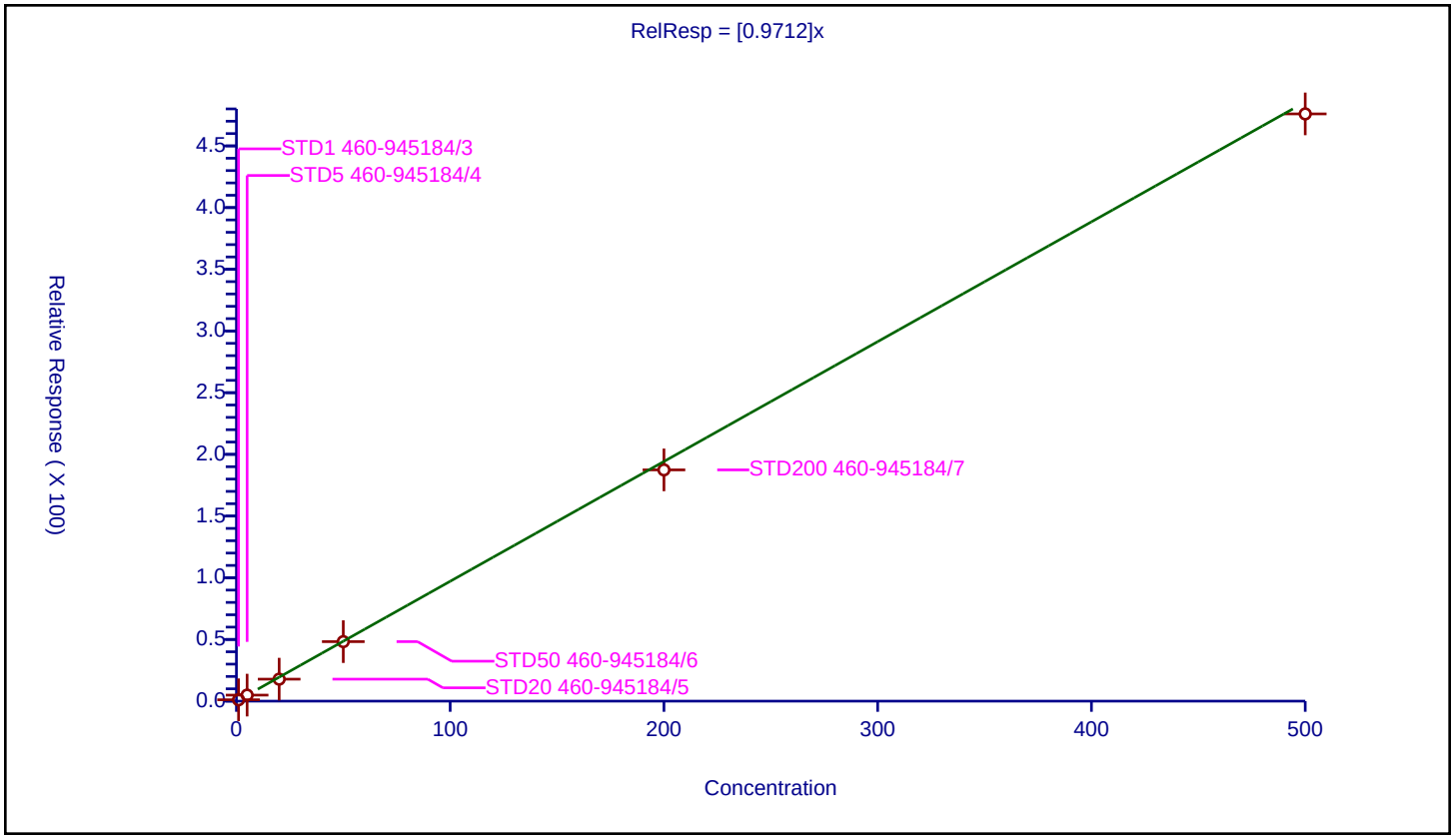
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9712 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1420000 |
| **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 | STD1 460-945184/3 | 1.0 | 1.105193 | 50.0 | 253078.0 | 1.105193 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 4.886724 | 50.0 | 264267.0 | 0.977345 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 17.821031 | 50.0 | 287200.0 | 0.891052 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 48.231191 | 50.0 | 285729.0 | 0.964624 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 187.423208 | 50.0 | 307324.0 | 0.937116 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 475.939139 | 50.0 | 308208.0 | 0.951878 | 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 |

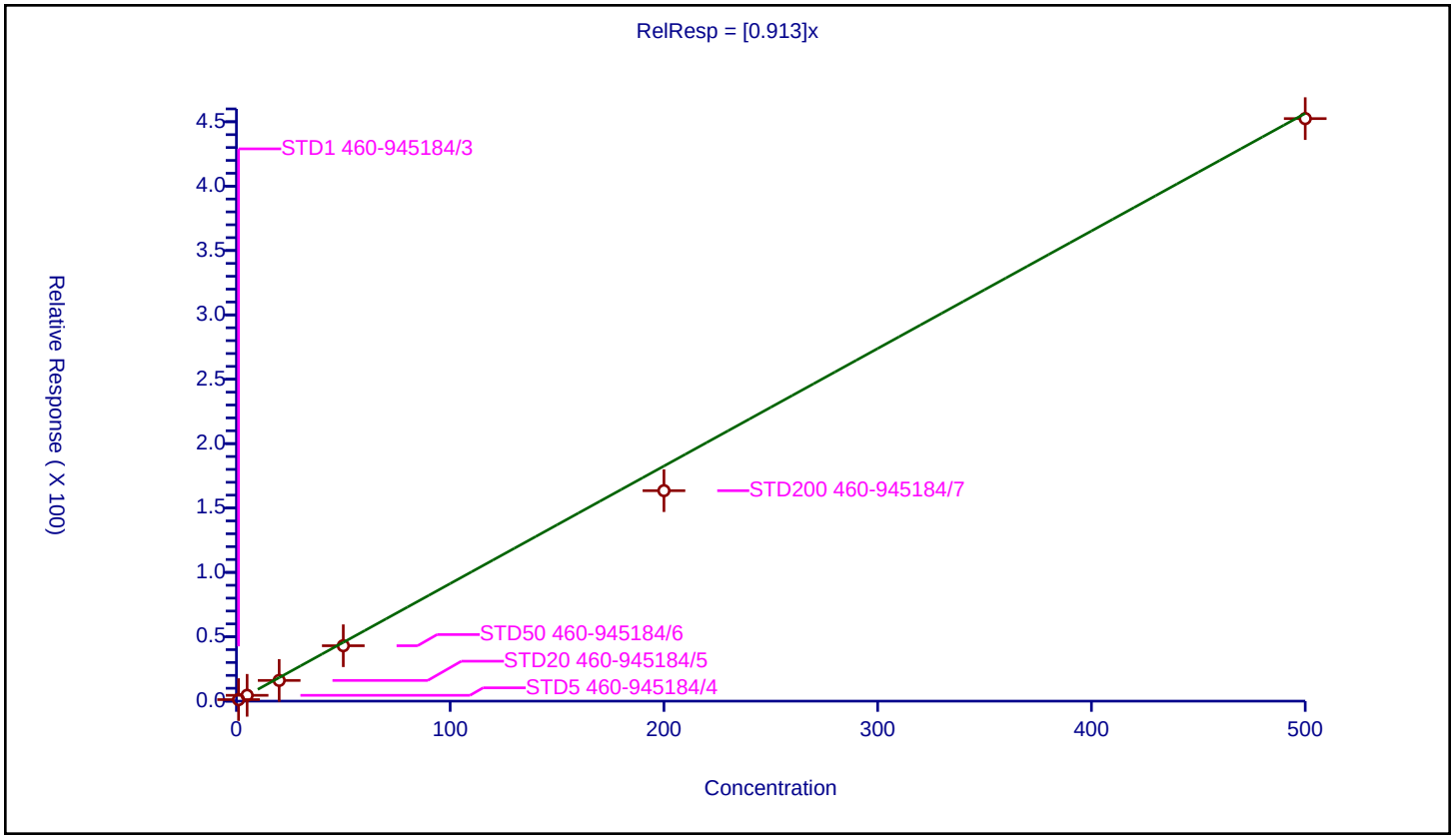
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.913 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1330000 |
| **Relative Standard Error:** | 15.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.969 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 1.186393 | 50.0 | 253078.0 | 1.186393 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 4.518915 | 50.0 | 264267.0 | 0.903783 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 16.089833 | 50.0 | 287200.0 | 0.804492 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 43.040258 | 50.0 | 285729.0 | 0.860805 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 163.467708 | 50.0 | 307324.0 | 0.817339 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 452.445751 | 50.0 | 308208.0 | 0.904892 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

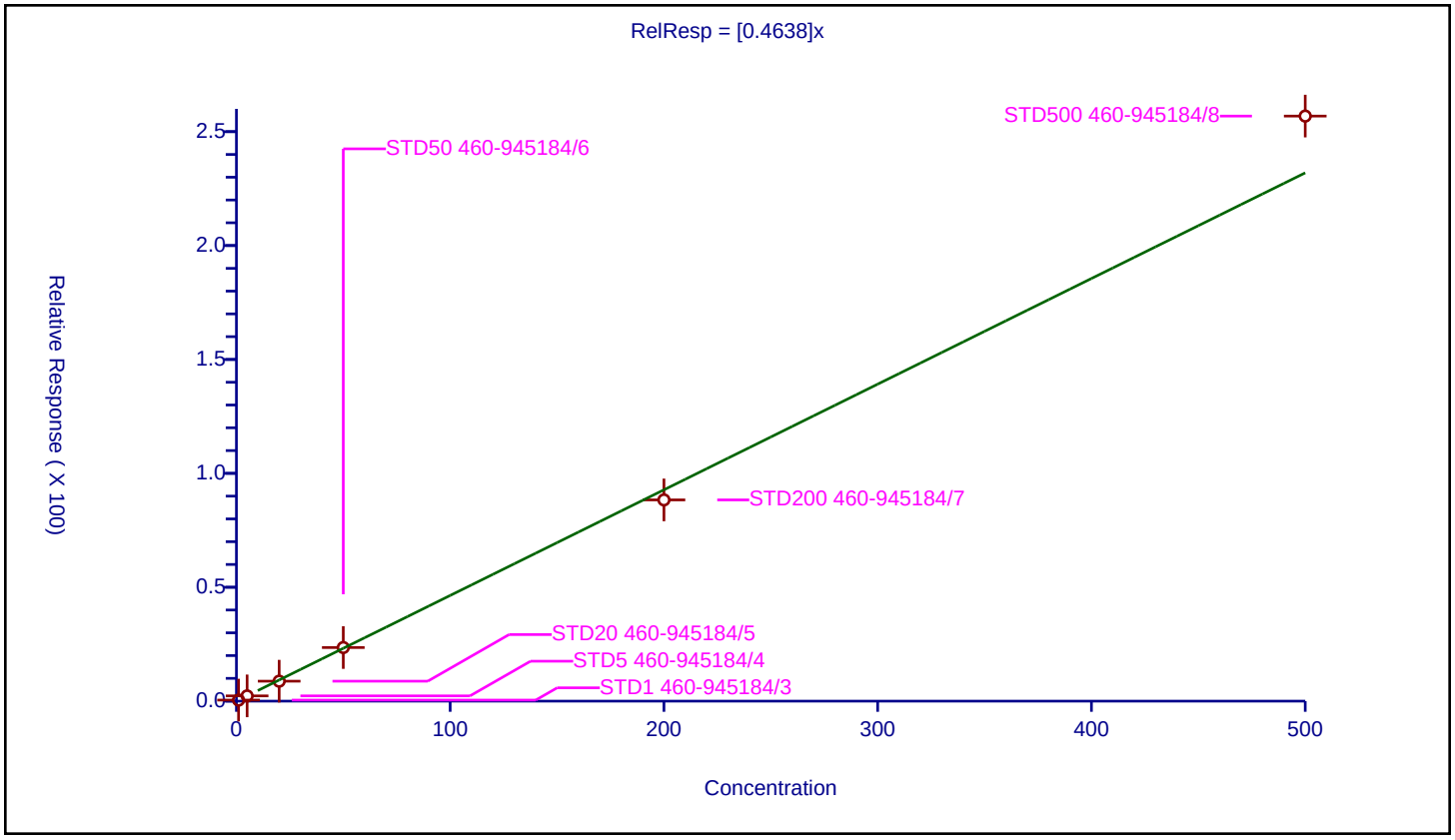
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4638 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 751000 |
| **Relative Standard Error:** | 5.9 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.458554 | 50.0 | 253078.0 | 0.458554 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 2.303352 | 50.0 | 264267.0 | 0.46067 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 8.758008 | 50.0 | 287200.0 | 0.4379 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 23.526838 | 50.0 | 285729.0 | 0.470537 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 88.345525 | 50.0 | 307324.0 | 0.441728 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 256.842944 | 50.0 | 308208.0 | 0.513686 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

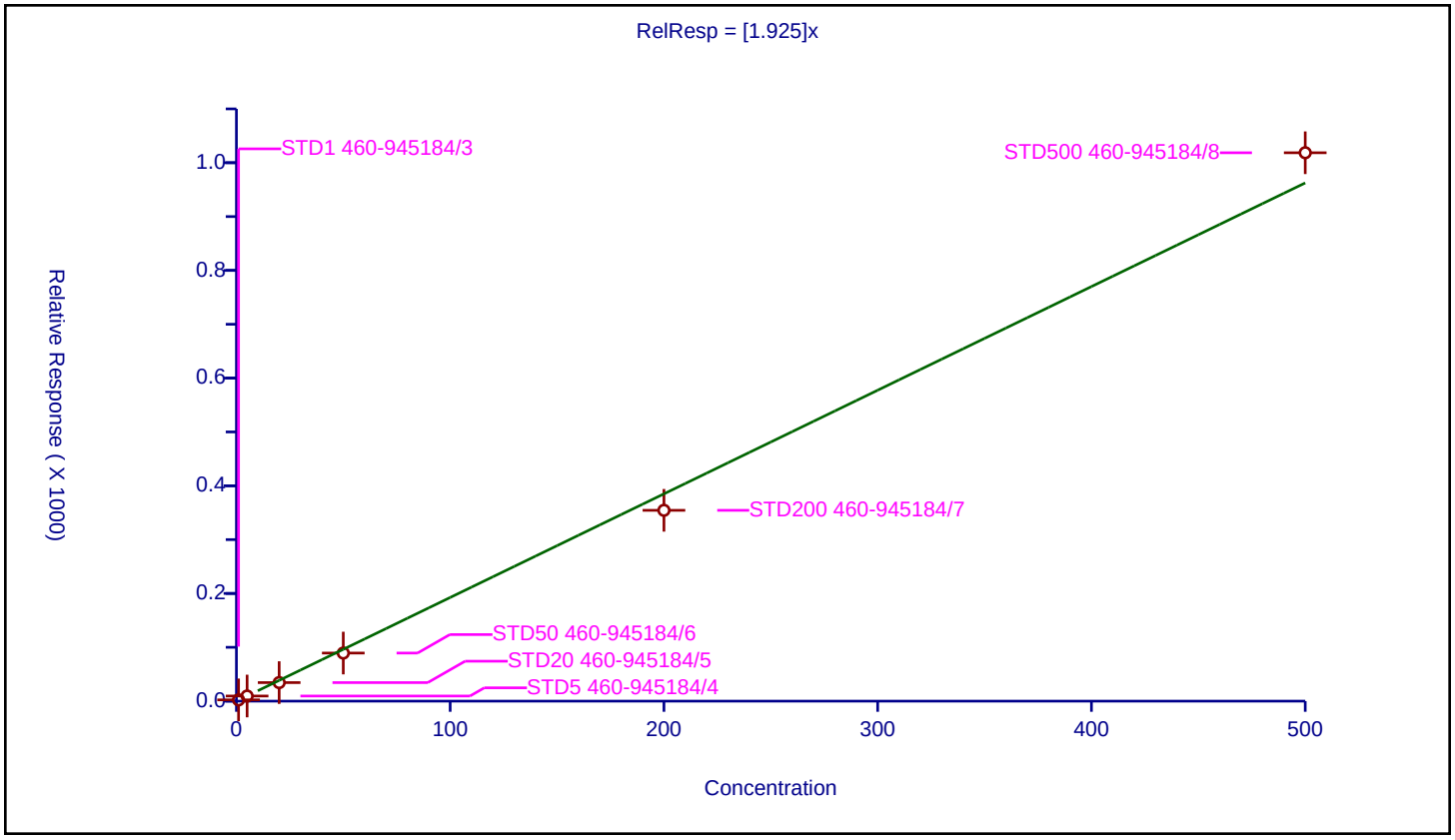
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.925 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2980000 |
| **Relative Standard Error:** | 11.8 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 2.329717 | 50.0 | 253078.0 | 2.329717 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 9.504592 | 50.0 | 264267.0 | 1.900918 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 34.463788 | 50.0 | 287200.0 | 1.723189 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 89.335174 | 50.0 | 285729.0 | 1.786703 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 354.434245 | 50.0 | 307324.0 | 1.772171 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 1018.524827 | 50.0 | 308208.0 | 2.03705 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

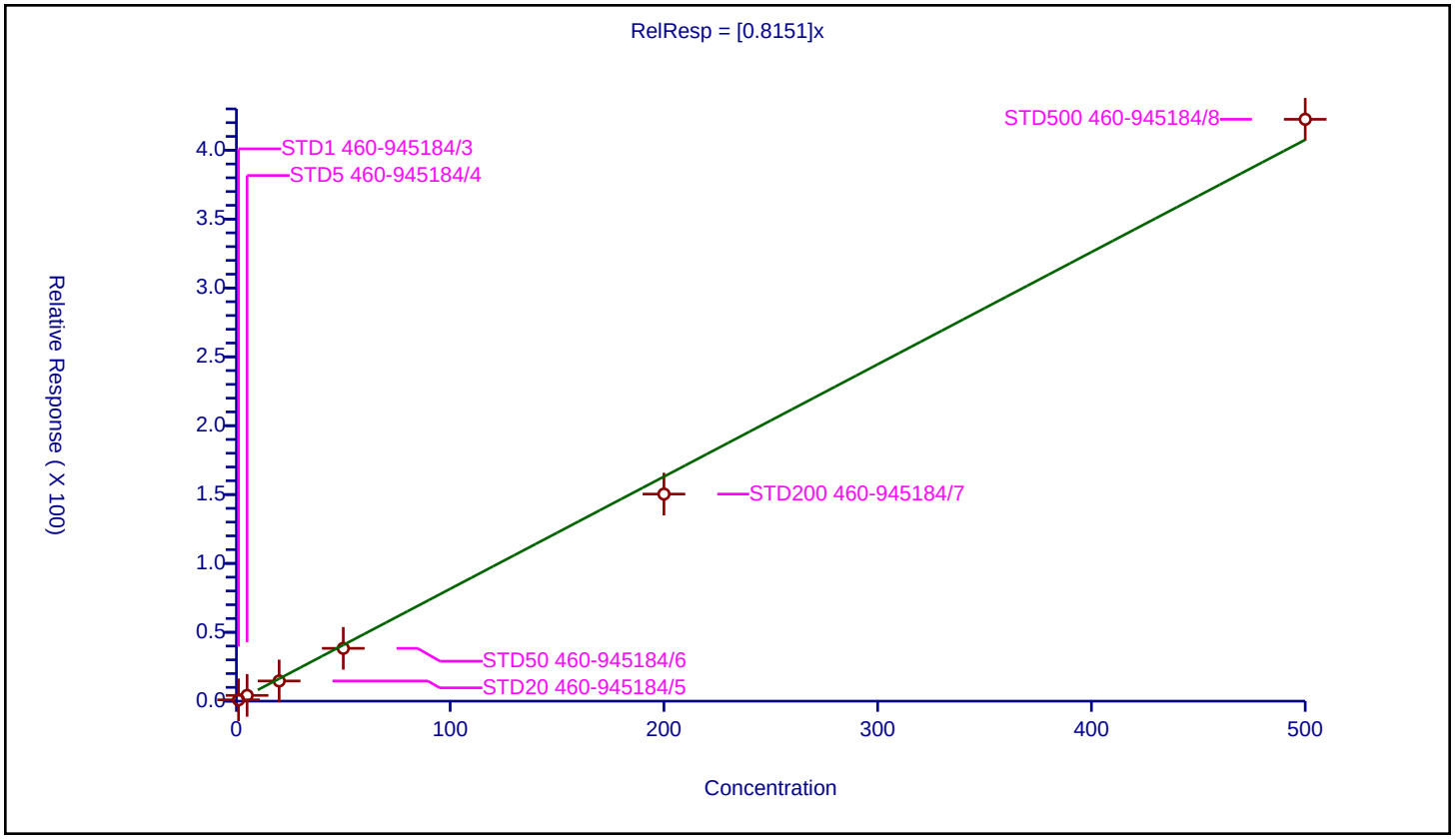
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8151 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1240000 |
| **Relative Standard Error:** | 10.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-945184/3 | 1.0 | 0.963142 | 50.0 | 253078.0 | 0.963142 | Y |
| 2 | STD5 460-945184/4 | 5.0 | 4.159051 | 50.0 | 264267.0 | 0.83181 | Y |
| 3 | STD20 460-945184/5 | 20.0 | 14.649199 | 50.0 | 287200.0 | 0.73246 | Y |
| 4 | STD50 460-945184/6 | 50.0 | 38.329676 | 50.0 | 285729.0 | 0.766594 | Y |
| 5 | STD200 460-945184/7 | 200.0 | 150.344913 | 50.0 | 307324.0 | 0.751725 | Y |
| 6 | STD500 460-945184/8 | 500.0 | 422.434525 | 50.0 | 308208.0 | 0.844869 | Y |



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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 Calibration End Date: 12/07/2023 11:06 Calibration ID: 95358

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-948537/16 | D10366.D |
| Level 2 | STD5 460-948537/17 | D10367.D |
| Level 3 | STD20 460-948537/5 | D10355.D |
| Level 4 | STD50 460-948537/18 | D10368.D |
| Level 5 | STD200 460-948537/7 | D10357.D |
| Level 6 | STD500 460-948537/8 | D10358.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlorotrifluoroethene | 0.1045 0.1664 | 0.1382 | 0.1731 | 0.1931 | 0.2193 | QuaF | | 0.2453 | -0.000157 | | | | | | 0.9990 | | 0.9900 |
| Dichlorodifluoromethane | 0.6286 0.7296 | 0.5710 | 0.7280 | 0.8033 | 0.9434 | Ave | | 0.7340 | | | 0.1000 | 17.9 | | 20.0 | | | |
| Chlorodifluoromethane | 5.8565 0.6272 | 1.6476 | 1.0676 | 0.8534 | 0.8019 | Qua | 3.3851 | 0.8841 | -0.000527 | | | | | | 1.0000 | | 0.9900 |
| Chloromethane | 0.7026 0.7945 | 0.5989 | 0.7351 | 0.6930 | 0.8688 | Ave | | 0.7322 | | | 0.1000 | 12.6 | | 20.0 | | | |
| Vinyl chloride | 0.5838 0.6118 | 0.6074 | 0.7480 | 0.6758 | 0.7770 | Ave | | 0.6673 | | | 0.1000 | 12.0 | | 20.0 | | | |
| Butadiene | 0.5470 0.5773 | 0.5473 | 0.7358 | 0.6306 | 0.7583 | Ave | | 0.6327 | | | | 14.8 | | 20.0 | | | |
| Bromomethane | 0.4500 +++++ | 0.3007 | 0.3750 | 0.3521 | 0.2790 | Ave | | 0.3514 | | | 0.1000 | 19.1 | | 20.0 | | | |
| Chloroethane | 0.3415 0.3317 | 0.3357 | 0.3984 | 0.3574 | 0.4057 | Ave | | 0.3617 | | | 0.1000 | 9.0 | | 20.0 | | | |
| Dichlorofluoromethane | 0.9604 0.9557 | 0.9815 | 1.1296 | 1.0503 | 1.1628 | Ave | | 1.0400 | | | | 8.6 | | 20.0 | | | |
| Trichlorofluoromethane | 0.6847 0.7380 | 0.6882 | 0.8769 | 0.7807 | 0.9161 | Ave | | 0.7808 | | | 0.1000 | 12.4 | | 20.0 | | | |
| Pentane | 0.0844 0.0957 | 0.0928 | 0.1175 | 0.1093 | 0.1256 | Ave | | 0.1042 | | | | 15.2 | | 20.0 | | | |
| Ethanol | 0.1312 0.1160 | 0.1243 | 0.1106 | 0.1290 | 0.1181 | Ave | | 0.1215 | | | | 6.6 | | 20.0 | | | |
| Ethyl ether | 0.4207 0.3116 | 0.3673 | 0.3620 | 0.3628 | 0.3612 | Ave | | 0.3643 | | | | 9.5 | | 20.0 | | | |
| 2-Methyl-1,3-butadiene | 0.4437 0.4533 | 0.4642 | 0.5928 | 0.5437 | 0.6075 | Ave | | 0.5175 | | | | 14.2 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 Calibration End Date: 12/07/2023 11:06 Calibration ID: 95358

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | 0.3611 0.3729 | 0.3961 | 0.4414 | 0.4370 | 0.4679 | Ave | | 0.4127 | | | | 10.3 | | 20.0 | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | 0.6550 0.6928 | 0.7008 | 0.8117 | 0.7989 | 0.8719 | Ave | | 0.7552 | | | | 11.2 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroeth ane | 0.4282 0.4956 | 0.4680 | 0.5820 | 0.5156 | 0.6048 | Ave | | 0.5157 | | | 0.1000 | 13.1 | | 20.0 | | | |
| Acrolein | 0.0548 0.0752 | 0.0572 | 0.0736 | 0.0846 | 0.0902 | Ave | | 0.0726 | | | | 19.6 | | 20.0 | | | |
| 1,1-Dichloroethene | 0.4120 0.4442 | 0.4294 | 0.5184 | 0.4686 | 0.5373 | Ave | | 0.4683 | | | 0.1000 | 10.7 | | 20.0 | | | |
| Acetone | 2.4606 2.2895 | 2.3260 | 2.0447 | 2.5958 | 2.3753 | Ave | | 2.3486 | | | 0.0500 | 7.9 | | 20.0 | | | |
| Iodomethane | 1.4830 0.2839 | 0.8844 | 0.5822 | 0.6453 | 0.4755 | QuaF | | 0.6136 | -0.000660 | | | | | | 0.9990 | | 0.9900 |
| Carbon disulfide | 1.5295 1.6671 | 1.5748 | 1.9137 | 1.7849 | 2.0551 | Ave | | 1.7542 | | | 0.1000 | 11.6 | | 20.0 | | | |
| Isopropyl alcohol | 1.3936 1.4944 | 1.4209 | 1.3465 | 1.5184 | 1.4701 | Ave | | 1.4406 | | | | 4.5 | | 20.0 | | | |
| 3-Chloro-1-propene | 0.0563 0.2054 | 0.0647 | 0.1298 | 0.1097 | 0.2042 | QuaF | | 0.1887 | 0.0000344 | | | | | | 0.9970 | | 0.9900 |
| Cyclopentene | 0.9995 1.0531 | 1.0024 | 1.2653 | 1.1975 | 1.3601 | Ave | | 1.1463 | | | | 13.1 | | 20.0 | | | |
| Methyl acetate | 0.2089 0.2347 | 0.1933 | 0.1938 | 0.2051 | 0.2624 | Ave | | 0.2164 | | | 0.1000 | 12.5 | | 20.0 | | | |
| Acetonitrile | 0.0237 0.0209 | 0.0218 | 0.0253 | 0.0258 | 0.0263 | Ave | | 0.0240 | | | | 9.3 | | 20.0 | | | |
| Methylene Chloride | 0.5376 0.4808 | 0.4856 | 0.5003 | 0.5004 | 0.5269 | Ave | | 0.5053 | | | 0.1000 | 4.5 | | 20.0 | | | |
| 2-Methyl-2-propanol | 2.0310 1.9256 | 1.9227 | 1.8456 | 1.8367 | 1.8727 | Ave | | 1.9057 | | | | 3.8 | | 20.0 | | | |
| Methyl tert-butyl ether | 1.0508 0.9269 | 1.1257 | 1.1202 | 1.1311 | 1.1454 | Ave | | 1.0834 | | | 0.1000 | 7.7 | | 20.0 | | | |
| trans-1,2-Dichloroethene | 0.4598 0.4803 | 0.4822 | 0.5538 | 0.5149 | 0.5714 | Ave | | 0.5104 | | | 0.1000 | 8.7 | | 20.0 | | | |
| Acrylonitrile | 6.7211 7.4412 | 7.0384 | 6.5804 | 7.1614 | 6.9908 | Ave | | 6.9889 | | | | 4.4 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 Calibration End Date: 12/07/2023 11:06 Calibration ID: 95358

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Hexane | 0.7708 0.8527 | 0.7534 | 0.9822 | 0.8666 | 1.0417 | Ave | | 0.8779 | | | | 13.0 | | 20.0 | | | |
| Isopropyl ether | 1.3936 1.4172 | 1.4865 | 1.5473 | 1.6380 | 1.6506 | Ave | | 1.5222 | | | | 7.2 | | 20.0 | | | |
| 1,1-Dichloroethane | 0.7755 0.8663 | 0.8304 | 0.9405 | 0.8865 | 0.9860 | Ave | | 0.8809 | | | 0.2000 | 8.6 | | 20.0 | | | |
| Vinyl acetate | 0.0480 0.0548 | 0.0519 | 0.0629 | 0.0623 | 0.0655 | Ave | | 0.0576 | | | | 12.2 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | 0.3716 0.4264 | 0.4086 | 0.4960 | 0.4767 | 0.5312 | Ave | | 0.4517 | | | | 13.2 | | 20.0 | | | |
| Tert-butyl ethyl ether | 1.1397 1.2214 | 1.2818 | 1.2913 | 1.4128 | 1.4045 | Ave | | 1.2919 | | | | 8.2 | | 20.0 | | | |
| 2,2-Dichloropropane | 0.1993 0.1345 | 0.1912 | 0.2204 | 0.1817 | 0.1711 | Ave | | 0.1830 | | | | 15.9 | | 20.0 | | | |
| cis-1,2-Dichloroethene | 0.4802 0.4913 | 0.5060 | 0.5327 | 0.5180 | 0.5544 | Ave | | 0.5138 | | | 0.1000 | 5.3 | | 20.0 | | | |
| 2-Butanone (MEK) | 0.9898 0.6680 | 0.7745 | 0.6883 | 0.7529 | 0.6935 | Ave | | 0.7611 | | | 0.0500 | 15.7 | | 20.0 | | | |
| Ethyl acetate | 0.5685 0.6621 | 0.6452 | 0.6261 | 0.7107 | 0.6694 | Ave | | 0.6470 | | | | 7.4 | | 20.0 | | | |
| Methyl acrylate | 0.3293 0.2814 | 0.3332 | 0.3213 | 0.3298 | 0.3437 | Ave | | 0.3231 | | | | 6.7 | | 20.0 | | | |
| Propionitrile | 0.7655 0.7877 | 0.8557 | 0.7967 | 0.8799 | 0.8308 | Ave | | 0.8194 | | | | 5.3 | | 20.0 | | | |
| Tetrahydrofuran | 0.7750 0.7262 | 0.7414 | 0.7065 | 0.7641 | 0.7425 | Ave | | 0.7426 | | | | 3.3 | | 20.0 | | | |
| Chlorobromomethane | 0.1620 0.1838 | 0.1683 | 0.1818 | 0.1729 | 0.1837 | Ave | | 0.1754 | | | | 5.2 | | 20.0 | | | |
| Methacrylonitrile | 0.1320 0.1195 | 0.1330 | 0.1492 | 0.1560 | 0.1560 | Ave | | 0.1410 | | | | 10.6 | | 20.0 | | | |
| Chloroform | 0.7733 0.7704 | 0.8158 | 0.8542 | 0.8423 | 0.8999 | Ave | | 0.8260 | | | 0.2000 | 6.1 | | 20.0 | | | |
| Cyclohexane | 0.6429 0.7658 | 0.6653 | 0.8435 | 0.7582 | 0.9155 | Ave | | 0.7652 | | | 0.1000 | 13.5 | | 20.0 | | | |
| 1,1,1-Trichloroethane | 0.6212 0.6987 | 0.6659 | 0.7640 | 0.7259 | 0.8310 | Ave | | 0.7178 | | | 0.1000 | 10.3 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 Calibration End Date: 12/07/2023 11:06 Calibration ID: 95358

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Carbon tetrachloride | 0.5053 0.4937 | 0.5182 | 0.6021 | 0.5731 | 0.6486 | Ave | | 0.5568 | | | 0.1000 | 11.0 | | 20.0 | | | |
| 1,1-Dichloropropene | 0.6170 0.7248 | 0.6621 | 0.7918 | 0.7323 | 0.8598 | Ave | | 0.7313 | | | | 11.9 | | 20.0 | | | |
| Isobutyl alcohol | 1.4660 2.0081 | 1.5494 | 1.6308 | 1.8056 | 1.9069 | Ave | | 1.7278 | | | | 12.3 | | 20.0 | | | |
| Benzene | 2.7877 2.7266 | 2.8984 | 3.1842 | 3.0665 | 3.2731 | Ave | | 2.9894 | | | 0.5000 | 7.4 | | 20.0 | | | |
| Tert-amyl methyl ether | 0.2919 0.3284 | 0.3032 | 0.3255 | 0.3676 | 0.3756 | Ave | | 0.3320 | | | | 10.1 | | 20.0 | | | |
| Isopropyl acetate | 0.1725 0.1816 | 0.1773 | 0.1992 | 0.2127 | 0.2199 | Ave | | 0.1939 | | | | 10.2 | | 20.0 | | | |
| 1,2-Dichloroethane | 0.5701 0.4648 | 0.5255 | 0.5387 | 0.5394 | 0.5660 | Ave | | 0.5341 | | | 0.1000 | 7.1 | | 20.0 | | | |
| n-Heptane | 0.7433 0.8845 | 0.7249 | 0.9707 | 0.8843 | 1.0792 | Ave | | 0.8812 | | | | 15.3 | | 20.0 | | | |
| n-Butanol | 0.4770 0.6151 | 0.4819 | 0.4835 | 0.6017 | 0.5936 | Ave | | 0.5421 | | | | 12.5 | | 20.0 | | | |
| Trichloroethene | 0.4412 0.5108 | 0.4750 | 0.5363 | 0.5168 | 0.5788 | Ave | | 0.5098 | | | 0.2000 | 9.4 | | 20.0 | | | |
| Methylcyclohexane | 0.7154 0.9328 | 0.7657 | 1.0010 | 0.9030 | 1.1009 | Ave | | 0.9031 | | | 0.1000 | 15.9 | | 20.0 | | | |
| Ethyl acrylate | 0.4027 0.5182 | 0.3366 | 0.4047 | 0.4874 | 0.4829 | Ave | | 0.4388 | | | | 15.6 | | 20.0 | | | |
| 1,2-Dichloropropane | 0.4316 0.4850 | 0.4631 | 0.4860 | 0.4874 | 0.5282 | Ave | | 0.4802 | | | 0.1000 | 6.6 | | 20.0 | | | |
| Methyl methacrylate | 0.0723 0.0840 | 0.0799 | 0.0872 | 0.0957 | 0.0988 | Ave | | 0.0863 | | | | 11.5 | | 20.0 | | | |
| 1,4-Dioxane | 2.5671 2.1864 | 2.2882 | 2.2825 | 2.1668 | 2.1844 | Ave | | 2.2792 | | | | 6.6 | | 20.0 | | | |
| Dibromomethane | 0.2131 0.1706 | 0.2295 | 0.2366 | 0.2308 | 0.2369 | Ave | | 0.2196 | | | | 11.6 | | 20.0 | | | |
| n-Propyl acetate | 0.4360 0.4547 | 0.3868 | 0.4851 | 0.5386 | 0.5523 | Ave | | 0.4756 | | | | 13.2 | | 20.0 | | | |
| Dichlorobromomethane | 0.4761 0.5671 | 0.5223 | 0.5529 | 0.5713 | 0.6165 | Ave | | 0.5510 | | | 0.2000 | 8.7 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 Calibration End Date: 12/07/2023 11:06 Calibration ID: 95358

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 2-Nitropropane | 0.0911 0.0588 | 0.0675 | 0.0703 | 0.0758 | 0.0754 | Ave | | 0.0732 | | | | 14.7 | | 20.0 | | | |
| 2-Chloroethyl vinyl ether | 0.1647 0.1824 | 0.1845 | 0.2135 | 0.2142 | 0.2081 | Ave | | 0.1946 | | | | 10.5 | | 20.0 | | | |
| Epichlorohydrin | 0.1071 0.1077 | 0.1218 | 0.1831 | 0.1238 | 0.1391 | QuaF | | 0.1564 | -0.000005 | | | | | | 0.9990 | | 0.9900 |
| cis-1,3-Dichloropropene | 0.8775 1.0716 | 1.0286 | 1.1233 | 1.1178 | 1.1680 | Ave | | 1.0645 | | | 0.2000 | 9.7 | | 20.0 | | | |
| 4-Methyl-2-pentanone (MIBK) | 4.4121 5.3191 | 5.2703 | 5.1610 | 5.6729 | 5.5277 | Ave | | 5.2272 | | | 0.0500 | 8.4 | | 20.0 | | | |
| Toluene | 2.9152 2.7573 | 2.8869 | 3.1650 | 3.0426 | 3.2920 | Ave | | 3.0098 | | | 0.4000 | 6.5 | | 20.0 | | | |
| trans-1,3-Dichloropropene | 0.7704 0.9064 | 0.8435 | 0.9174 | 0.9253 | 0.9732 | Ave | | 0.8894 | | | 0.1000 | 8.1 | | 20.0 | | | |
| Ethyl methacrylate | 0.3241 0.4410 | 0.3721 | 0.4172 | 0.4566 | 0.4895 | Ave | | 0.4168 | | | | 14.4 | | 20.0 | | | |
| 1,1,2-Trichloroethane | 0.3988 0.4350 | 0.4217 | 0.4481 | 0.4523 | 0.4700 | Ave | | 0.4376 | | | 0.1000 | 5.7 | | 20.0 | | | |
| Tetrachloroethene | 0.6115 0.7377 | 0.6779 | 0.7974 | 0.7406 | 0.8482 | Ave | | 0.7355 | | | 0.2000 | 11.4 | | 20.0 | | | |
| 1,3-Dichloropropane | 0.8337 0.8650 | 0.8532 | 0.8982 | 0.9098 | 0.9438 | Ave | | 0.8839 | | | | 4.6 | | 20.0 | | | |
| 2-Hexanone | 3.1286 3.8404 | 3.7486 | 3.6591 | 4.1529 | 3.9657 | Ave | | 3.7492 | | | 0.0500 | 9.3 | | 20.0 | | | |
| n-Butyl acetate | 0.1016 0.1320 | 0.1034 | 0.1324 | 0.1505 | 0.1548 | Ave | | 0.1291 | | | | 17.5 | | 20.0 | | | |
| Chlorodibromomethane | 0.4600 0.6068 | 0.5232 | 0.5582 | 0.5928 | 0.6407 | Ave | | 0.5636 | | | 0.1000 | 11.5 | | 20.0 | | | |
| Ethylene Dibromide | 0.4313 0.4602 | 0.4612 | 0.4912 | 0.5025 | 0.5152 | Ave | | 0.4769 | | | 0.1000 | 6.6 | | 20.0 | | | |
| Chlorobenzene | 1.6739 1.6935 | 1.7192 | 1.8454 | 1.8104 | 1.9380 | Ave | | 1.7801 | | | 0.5000 | 5.8 | | 20.0 | | | |
| Ethylbenzene | 0.8734 0.9520 | 0.9166 | 1.0566 | 1.0285 | 1.1511 | Ave | | 0.9964 | | | 0.1000 | 10.2 | | 20.0 | | | |
| 1,1,1,2-Tetrachloroethane | 0.5074 0.5711 | 0.5319 | 0.5883 | 0.6071 | 0.6635 | Ave | | 0.5782 | | | | 9.6 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 Calibration End Date: 12/07/2023 11:06 Calibration ID: 95358

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| m-Xylene & p-Xylene | 1.0072 1.2069 | 1.1269 | 1.2941 | 1.2598 | 1.4179 | Ave | | 1.2188 | | | 0.1000 | 11.6 | | 20.0 | | | |
| n-Butyl acrylate | 0.2658 0.3818 | 0.2675 | 0.3389 | 0.4012 | 0.4283 | Ave | | 0.3473 | | | | 19.8 | | 20.0 | | | |
| o-Xylene | 1.0098 1.1021 | 1.0889 | 1.2025 | 1.1959 | 1.2943 | Ave | | 1.1489 | | | 0.3000 | 8.8 | | 20.0 | | | |
| Styrene | 1.5342 1.8041 | 1.6803 | 1.9091 | 1.9390 | 2.1262 | Ave | | 1.8321 | | | 0.3000 | 11.4 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | 1.2694 1.5503 | 1.2870 | 1.6426 | 1.8145 | 1.7617 | Ave | | 1.5542 | | | | 15.0 | | 20.0 | | | |
| Bromoform | 0.3031 0.3807 | 0.2993 | 0.3322 | 0.3640 | 0.4083 | Ave | | 0.3479 | | | 0.1000 | 12.6 | | 20.0 | | | |
| Isopropylbenzene | 2.6320 2.8457 | 2.8392 | 3.2990 | 3.2003 | 3.5812 | Ave | | 3.0662 | | | 0.1000 | 11.5 | | 20.0 | | | |
| Bromobenzene | 1.2226 1.2810 | 1.3053 | 1.3760 | 1.3120 | 1.3395 | Ave | | 1.3061 | | | | 4.0 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | 1.0312 1.0565 | 1.0836 | 1.2010 | 1.1800 | 1.1847 | Ave | | 1.1228 | | | 0.3000 | 6.6 | | 20.0 | | | |
| N-Propylbenzene | 6.6056 6.1806 | 6.9802 | 8.1881 | 7.4839 | 7.9671 | Ave | | 7.2343 | | | | 10.8 | | 20.0 | | | |
| 1,2,3-Trichloropropane | 0.2630 0.2823 | 0.2964 | 0.3254 | 0.3205 | 0.3264 | Ave | | 0.3023 | | | | 8.7 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | 0.3239 0.3327 | 0.3157 | 0.3800 | 0.3591 | 0.3864 | Ave | | 0.3496 | | | | 8.6 | | 20.0 | | | |
| 4-Ethyltoluene | 5.1460 4.9589 | 5.5054 | 6.4573 | 6.4812 | 6.4145 | Ave | | 5.8272 | | | | 12.1 | | 20.0 | | | |
| 2-Chlorotoluene | 4.5205 4.1328 | 4.6760 | 5.2227 | 4.9875 | 5.2438 | Ave | | 4.7972 | | | | 9.1 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | 4.4042 4.4419 | 4.8601 | 5.5531 | 5.0203 | 5.6173 | Ave | | 4.9828 | | | | 10.5 | | 20.0 | | | |
| 4-Chlorotoluene | 3.9716 3.9217 | 4.2702 | 4.7466 | 4.4676 | 4.6575 | Ave | | 4.3392 | | | | 8.0 | | 20.0 | | | |
| Butyl Methacrylate | 0.9737 1.3319 | 1.0618 | 1.3473 | 1.5234 | 1.5392 | Ave | | 1.2962 | | | | 18.0 | | 20.0 | | | |
| tert-Butylbenzene | 3.8869 3.9763 | 4.0709 | 4.6882 | 4.3650 | 4.7547 | Ave | | 4.2903 | | | | 8.7 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 Calibration End Date: 12/07/2023 11:06 Calibration ID: 95358

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2,4-Trimethylbenzene | 4.3114 4.4723 | 4.6666 | 5.2986 | 5.1040 | 5.3622 | Ave | | 4.8692 | | | | 9.1 | | 20.0 | | | |
| sec-Butylbenzene | 5.7740 5.7696 | 6.1661 | 7.4132 | 6.7500 | 7.4136 | Ave | | 6.5477 | | | | 11.6 | | 20.0 | | | |
| 4-Isopropyltoluene | 4.6280 4.7209 | 4.9518 | 5.9485 | 5.6060 | 6.0867 | Ave | | 5.3237 | | | | 12.0 | | 20.0 | | | |
| 1,3-Dichlorobenzene | 2.4072 2.3043 | 2.5152 | 2.7477 | 2.6887 | 2.7916 | Ave | | 2.5758 | | | 0.6000 | 7.7 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 2.5315 2.3198 | 2.5297 | 2.7853 | 2.6974 | 2.7718 | Ave | | 2.6059 | | | 0.5000 | 6.9 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | 4.4719 4.2247 | 4.8052 | 5.2318 | 5.3670 | 5.3858 | Ave | | 4.9144 | | | | 10.0 | | 20.0 | | | |
| Benzyl chloride | 0.2463 0.4519 | 0.3070 | 0.4273 | 0.4646 | 0.5045 | QuaF | | 0.5276 | -0.000151 | | | | | | 1.0000 | | 0.9900 |
| Indan | 1.4155 1.5393 | 1.5486 | 1.6491 | 1.8267 | 1.9456 | Ave | | 1.6541 | | | | 12.0 | | 20.0 | | | |
| p-Diethylbenzene | 3.1789 3.1927 | 3.3099 | 3.9894 | 3.9269 | 4.1062 | Ave | | 3.6174 | | | | 12.0 | | 20.0 | | | |
| n-Butylbenzene | 2.5540 2.7166 | 2.8038 | 3.5006 | 3.2221 | 3.4704 | Ave | | 3.0446 | | | | 13.4 | | 20.0 | | | |
| 1,2-Dichlorobenzene | 2.2014 2.2467 | 2.2867 | 2.4377 | 2.4093 | 2.5317 | Ave | | 2.3522 | | | 0.4000 | 5.4 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | 3.8857 4.3530 | 4.1912 | 4.8438 | 4.9779 | 4.9945 | Ave | | 4.5410 | | | | 10.2 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.1821 0.2248 | 0.1972 | 0.2292 | 0.2298 | 0.2439 | Ave | | 0.2178 | | | 0.0500 | 10.7 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | 1.7685 1.8720 | 1.7797 | 2.0164 | 2.0117 | 2.0161 | Ave | | 1.9107 | | | | 6.3 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 1.6411 1.5455 | 1.4975 | 1.6355 | 1.5874 | 1.5757 | Ave | | 1.5805 | | | 0.2000 | 3.5 | | 20.0 | | | |
| Hexachlorobutadiene | 0.8403 0.9849 | 0.8513 | 1.0288 | 0.9525 | 1.0282 | Ave | | 0.9477 | | | | 8.9 | | 20.0 | | | |
| Naphthalene | 3.2451 3.1151 | 2.9749 | 3.2798 | 3.2497 | 3.3082 | Ave | | 3.1955 | | | | 4.0 | | 20.0 | | | |
| 1,2,3-Trichlorobenzene | 1.3763 1.3768 | 1.3593 | 1.4144 | 1.3855 | 1.3766 | Ave | | 1.3815 | | | | 1.3 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-294432-1 Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 Calibration End Date: 12/07/2023 11:06 Calibration ID: 95358

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromofluoromethane (Surr) | 0.4113 0.3748 | 0.3937 | 0.3486 | 0.3995 | 0.3951 | Ave | | 0.3872 | | | | 5.7 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.4233 0.4126 | 0.3958 | 0.3710 | 0.4189 | 0.4440 | Ave | | 0.4109 | | | | 6.1 | | 20.0 | | | |
| Toluene-d8 (Surr) | 2.4045 2.2742 | 2.3138 | 2.0574 | 2.3429 | 2.2669 | Ave | | 2.2766 | | | | 5.2 | | 20.0 | | | |
| 4-Bromofluorobenzene | 1.2613 1.1808 | 1.2128 | 1.0778 | 1.1923 | 1.1391 | Ave | | 1.1773 | | | | 5.4 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 | Calibration End Date: 12/07/2023 11:06 | Calibration ID: 95358

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-948537/16 | D10366.D |
| Level 2 | STD5 460-948537/17 | D10367.D |
| Level 3 | STD20 460-948537/5 | D10355.D |
| Level 4 | STD50 460-948537/18 | D10368.D |
| Level 5 | STD200 460-948537/7 | D10357.D |
| Level 6 | STD500 460-948537/8 | D10358.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Chlorotrifluoroethene | FB | QuaF | 1072<br>1243555 | 7670 | 34179 | 97127 | 443141 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorodifluoromethane | FB | Ave | 6448<br>5452221 | 31696 | 143755 | 404024 | 1906740 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorodifluoromethane | FB | Qua | 60074<br>4687537 | 91452 | 210805 | 429202 | 1620831 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chloromethane | FB | Ave | 7207<br>5937847 | 33245 | 145139 | 348557 | 1756034 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Vinyl chloride | FB | Ave | 5988<br>4572354 | 33714 | 147687 | 339917 | 1570408 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Butadiene | FB | Ave | 5611<br>4314388 | 30379 | 145281 | 317171 | 1532683 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromomethane | FB | Ave | 4616<br>+++++ | 16692 | 74053 | 177082 | 563956 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 | 200 |
| Chloroethane | FB | Ave | 3503<br>2479048 | 18632 | 78667 | 179739 | 820040 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorofluoromethane | FB | Ave | 9851<br>7142156 | 54481 | 223035 | 528275 | 2350186 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Trichlorofluoromethane | FB | Ave | 7023<br>5515461 | 38202 | 173150 | 392651 | 1851629 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Pentane | FB | Ave | 1732<br>1429971 | 10299 | 46389 | 109959 | 507533 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Ethanol | TBAd9 | Ave | 906<br>497008 | 4502 | 17243 | 46130 | 181942 | 40.0<br>20000 | 200 | 800 | 2000 | 8000 |
| Ethyl ether | FB | Ave | 4315<br>2328331 | 20390 | 71476 | 182487 | 730050 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Methyl-1,3-butadiene | FB | Ave | 4551<br>3387269 | 25765 | 117057 | 273443 | 1227947 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | 3704<br>2786810 | 21984 | 87153 | 219778 | 945787 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | 6719<br>5177256 | 38898 | 160277 | 401825 | 1762335 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 | Calibration End Date: 12/07/2023 11:06 | Calibration ID: 95358

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | 4392<br>3703903 | 25979 | 114908 | 259305 | 1222413 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acrolein | FB | Ave | 56211<br>674243 | 126977 | 218096 | 340247 | 455529 | 100<br>600 | 200 | 300 | 400 | 500 |
| 1,1-Dichloroethene | FB | Ave | 4226<br>3319624 | 23833 | 102363 | 235662 | 1086060 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acetone | BUT | Ave | 7120<br>4444491 | 32989 | 124889 | 380560 | 1501900 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Iodomethane | FB | QuaF | 15212<br>2121544 | 49091 | 114959 | 324556 | 961095 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Carbon disulfide | FB | Ave | 15689<br>12458356 | 87411 | 377868 | 897739 | 4153641 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl alcohol | TBAd9 | Ave | 2405<br>1601213 | 12869 | 52474 | 135744 | 566023 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| 3-Chloro-1-propene | FB | QuaF | 577<br>1535180 | 3593 | 25627 | 55199 | 412730 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Cyclopentene | FB | Ave | 10253<br>7870245 | 55641 | 249846 | 602284 | 2749061 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methyl acetate | FB | Ave | 4286<br>3508266 | 21459 | 76519 | 206359 | 1060702 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Acetonitrile | FB | Ave | 2426<br>1560488 | 12117 | 50025 | 129571 | 531741 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Methylene Chloride | FB | Ave | 5515<br>3592858 | 26951 | 98792 | 251667 | 1064879 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Methyl-2-propanol | TBAd9 | Ave | 3505<br>2063310 | 17414 | 71924 | 164195 | 721049 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Methyl tert-butyl ether | FB | Ave | 10779<br>6927264 | 62484 | 221196 | 568873 | 2314969 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,2-Dichloroethene | FB | Ave | 4716<br>3589676 | 26767 | 109342 | 258978 | 1154967 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acrylonitrile | TBAd9 | Ave | 11599<br>7973288 | 63747 | 256439 | 640219 | 2691620 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Hexane | FB | Ave | 7907<br>6372130 | 41819 | 193934 | 435846 | 2105354 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl ether | FB | Ave | 14295<br>10591113 | 82510 | 305516 | 823834 | 3336149 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1-Dichloroethane | FB | Ave | 7955<br>6473766 | 46094 | 185705 | 445851 | 1992945 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Vinyl acetate | FB | Ave | 984<br>819620 | 5763 | 24825 | 62686 | 264898 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 | Calibration End Date: 12/07/2023 11:06 | Calibration ID: 95358

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 2-Chloro-1,3-butadiene | FB | Ave | 3812<br>3186936 | 22678 | 97932 | 239743 | 1073628 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tert-butyl ethyl ether | FB | Ave | 11691<br>9127913 | 71147 | 254967 | 710567 | 2838679 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2,2-Dichloropropane | FB | Ave | 2044<br>1005493 | 10613 | 43521 | 91379 | 345812 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| cis-1,2-Dichloroethene | FB | Ave | 4926<br>3671467 | 28088 | 105188 | 260522 | 1120437 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Butanone (MEK) | BUT | Ave | 2864<br>1296742 | 10984 | 42041 | 110376 | 438493 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Ethyl acetate | BUT | Ave | 658<br>514121 | 3660 | 15296 | 41679 | 169304 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Methyl acrylate | FB | Ave | 3378<br>2103234 | 18497 | 63446 | 165858 | 694617 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Propionitrile | BUT | Ave | 4430<br>3058278 | 24272 | 97327 | 257985 | 1050708 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Tetrahydrofuran | BUT | Ave | 897<br>563858 | 4206 | 17262 | 44806 | 187809 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Chlorobromomethane | FB | Ave | 1662<br>1373216 | 9343 | 35889 | 86964 | 371315 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methacrylonitrile | FB | Ave | 13539<br>8930815 | 73833 | 294542 | 784860 | 3152420 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Chloroform | FB | Ave | 7932<br>5757200 | 45284 | 168664 | 423632 | 1818798 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Cyclohexane | FB | Ave | 6595<br>5723259 | 36926 | 166551 | 381347 | 1850285 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1-Trichloroethane | FB | Ave | 6372<br>5221919 | 36963 | 150847 | 365074 | 1679497 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Carbon tetrachloride | FB | Ave | 5183<br>3689286 | 28763 | 118883 | 288247 | 1310854 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1-Dichloropropene | FB | Ave | 6329<br>5416629 | 36752 | 156334 | 368319 | 1737851 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isobutyl alcohol | TBAd9 | Ave | 6325<br>5379294 | 35083 | 158877 | 403535 | 1835493 | 25.0<br>12500 | 125 | 500 | 1250 | 5000 |
| Benzene | CBNZd5 | Ave | 18267<br>13236249 | 102583 | 398267 | 993237 | 4325095 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tert-amyl methyl ether | FB | Ave | 2994<br>2454064 | 16829 | 64266 | 184903 | 759185 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl acetate | FB | Ave | 1769<br>1356996 | 9842 | 39332 | 106996 | 444515 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 | Calibration End Date: 12/07/2023 11:06 | Calibration ID: 95358

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 1,2-Dichloroethane | FB | Ave | 5848<br>3473369 | 29167 | 106370 | 271282 | 1143950 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Heptane | FB | Ave | 7625<br>6609716 | 40237 | 191660 | 444775 | 2181293 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butanol | TBAd9 | Ave | 2058<br>1647602 | 10912 | 47102 | 134482 | 571356 | 25.0<br>12500 | 125 | 500 | 1250 | 5000 |
| Trichloroethene | FB | Ave | 4526<br>3817665 | 26366 | 105889 | 259946 | 1169873 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methylcyclohexane | FB | Ave | 7338<br>6971000 | 42501 | 197643 | 454189 | 2225154 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethyl acrylate | FB | Ave | 4131<br>3872772 | 18684 | 79911 | 245156 | 976084 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloropropane | FB | Ave | 4427<br>3624377 | 25705 | 95957 | 245126 | 1067567 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methyl methacrylate | FB | Ave | 1483<br>1254862 | 8867 | 34451 | 96252 | 399424 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| 1,4-Dioxane | DXE | Ave | 886<br>521996 | 4233 | 16801 | 41983 | 178995 | 20.0<br>10000 | 100 | 400 | 1000 | 4000 |
| Dibromomethane | FB | Ave | 2186<br>1274964 | 12737 | 46713 | 116094 | 478859 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Propyl acetate | FB | Ave | 4472<br>3397941 | 21468 | 95793 | 270896 | 1116388 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorobromomethane | FB | Ave | 4884<br>4237785 | 28991 | 109163 | 287349 | 1246128 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Nitropropane | FB | Ave | 1868<br>879118 | 7494 | 27778 | 76274 | 304894 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| 2-Chloroethyl vinyl ether | FB | Ave | 1693<br>1366253 | 10268 | 42261 | 107967 | 421536 | 1.00<br>501 | 5.01 | 20.0 | 50.1 | 200 |
| Epichlorohydrin | BUT | QuaF | 1240<br>836089 | 6909 | 44736 | 72620 | 351857 | 20.0<br>10000 | 100 | 400 | 1000 | 4000 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | 5750<br>5201929 | 36405 | 140493 | 362048 | 1543421 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Methyl-2-pentanone (MIBK) | BUT | Ave | 12767<br>10325477 | 74747 | 315241 | 831668 | 3495235 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Toluene | CBNZd5 | Ave | 19103<br>13385031 | 102177 | 395864 | 985497 | 4350026 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | 5048<br>4400269 | 29853 | 114746 | 299689 | 1286039 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethyl methacrylate | FB | Ave | 3325 | 20652 | 82371 | 229671 | 989371 | 1.00 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 | Calibration End Date: 12/07/2023 11:06 | Calibration ID: 95358

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| | | | 3295647 | | | | | 500 | | | | |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | 2613<br>2111633 | 14926 | 56041 | 146484 | 621091 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tetrachloroethene | CBNZd5 | Ave | 4007<br>3580895 | 23993 | 99739 | 239889 | 1120757 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3-Dichloropropane | CBNZd5 | Ave | 5463<br>4198943 | 30197 | 112343 | 294676 | 1247158 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Hexanone | BUT | Ave | 9053<br>7455083 | 53165 | 223500 | 608832 | 2507589 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| n-Butyl acetate | CBNZd5 | Ave | 666<br>640621 | 3660 | 16557 | 48759 | 204489 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorodibromomethane | CBNZd5 | Ave | 3014<br>2945537 | 18519 | 69820 | 191996 | 846685 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethylene Dibromide | CBNZd5 | Ave | 2826<br>2233929 | 16323 | 61433 | 162757 | 680788 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorobenzene | CBNZd5 | Ave | 10969<br>8220875 | 60847 | 230817 | 586369 | 2560926 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethylbenzene | CBNZd5 | Ave | 5723<br>4621319 | 32443 | 132154 | 333115 | 1521126 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1,2-Tetrachloroethane | CBNZd5 | Ave | 3325<br>2772401 | 18825 | 73581 | 196653 | 876737 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| m-Xylene & p-Xylene | CBNZd5 | Ave | 6600<br>5858751 | 39885 | 161857 | 408039 | 1873634 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butyl acrylate | CBNZd5 | Ave | 1742<br>1853415 | 9468 | 42387 | 129942 | 565967 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| o-Xylene | CBNZd5 | Ave | 6617<br>5350125 | 38541 | 150411 | 387343 | 1710355 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Styrene | CBNZd5 | Ave | 10053<br>8757877 | 59473 | 238780 | 628033 | 2809504 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Amyl acetate (mixed isomers) | DCBd4 | Ave | 4237 | 23369 | 104551 | 314774 | 1307031 | 1.00 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 | Calibration End Date: 12/07/2023 11:06 | Calibration ID: 95358

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| | | | 4084355 | | | | | 500 | | | | |
| Bromoform | CBNZd5 | Ave | 1986<br>1847980 | 10593 | 41548 | 117911 | 539552 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropylbenzene | CBNZd5 | Ave | 17247<br>13814037 | 100489 | 412624 | 1036581 | 4732160 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromobenzene | DCBd4 | Ave | 4081<br>3374732 | 23702 | 87586 | 227612 | 993776 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,2,2-Tetrachloroethane | DCBd4 | Ave | 3442<br>2783226 | 19676 | 76445 | 204700 | 878904 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| N-Propylbenzene | DCBd4 | Ave | 22049<br>16282845 | 126749 | 521183 | 1298310 | 5910731 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trichloropropane | DCBd4 | Ave | 878<br>743741 | 5382 | 20714 | 55603 | 242165 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,4-Dichloro-2-butene | DCBd4 | Ave | 1081<br>876419 | 5732 | 24186 | 62301 | 286683 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Ethyltoluene | DCBd4 | Ave | 17177<br>13064152 | 99969 | 411017 | 1124372 | 4758886 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Chlorotoluene | DCBd4 | Ave | 15089<br>10887920 | 84908 | 332434 | 865241 | 3890377 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3,5-Trimethylbenzene | DCBd4 | Ave | 14701<br>11702047 | 88251 | 353462 | 870931 | 4167416 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Chlorotoluene | DCBd4 | Ave | 13257<br>10331748 | 77539 | 302124 | 775042 | 3455388 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Butyl Methacrylate | DCBd4 | Ave | 3250<br>3508935 | 19280 | 85755 | 264284 | 1141906 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| tert-Butylbenzene | DCBd4 | Ave | 12974<br>10475411 | 73921 | 298408 | 757249 | 3527507 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4-Trimethylbenzene | DCBd4 | Ave | 14391<br>11782225 | 84737 | 337261 | 885448 | 3978191 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| sec-Butylbenzene | DCBd4 | Ave | 19273<br>15200056 | 111965 | 471862 | 1170996 | 5500120 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Isopropyltoluene | DCBd4 | Ave | 15448<br>12437097 | 89917 | 378626 | 972530 | 4515723 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | 8035<br>6070585 | 45672 | 174895 | 466446 | 2071083 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | 8450<br>6111454 | 45935 | 177287 | 467946 | 2056400 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trimethylbenzene | DCBd4 | Ave | 14927<br>11129826 | 87254 | 333013 | 931072 | 3995677 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-294432-1 | Analy Batch No.: 948537

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 12/07/2023 06:05 | Calibration End Date: 12/07/2023 11:06 | Calibration ID: 95358

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Benzyl chloride | DCBd4 | QuaF | 822<br>1190512 | 5574 | 27195 | 80601 | 374259 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Indan | FB | Ave | 14520<br>11503263 | 85955 | 325610 | 918750 | 3932434 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| p-Diethylbenzene | DCBd4 | Ave | 10611<br>8411220 | 60103 | 253931 | 681238 | 3046400 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butylbenzene | DCBd4 | Ave | 8525<br>7156769 | 50913 | 222820 | 558974 | 2574671 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | 7348<br>5918918 | 41523 | 155162 | 417962 | 1878222 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4,5-Tetramethylbenzene | DCBd4 | Ave | 12970<br>11467998 | 76105 | 308313 | 863565 | 3705436 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dibromo-3-Chloropropane | DCBd4 | Ave | 608<br>592268 | 3581 | 14591 | 39863 | 180947 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3,5-Trichlorobenzene | DCBd4 | Ave | 5903<br>4931857 | 32317 | 128346 | 348987 | 1495711 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4-Trichlorobenzene | DCBd4 | Ave | 5478<br>4071537 | 27192 | 104102 | 275391 | 1169018 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Hexachlorobutadiene | DCBd4 | Ave | 2805<br>2594774 | 15458 | 65485 | 165240 | 762790 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Naphthalene | DCBd4 | Ave | 10832<br>8206625 | 54019 | 208765 | 563754 | 2454365 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trichlorobenzene | DCBd4 | Ave | 4594<br>3627248 | 24683 | 90030 | 240365 | 1021309 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dibromofluoromethane (Surr) | FB | Ave | 210974<br>280119 | 218536 | 172101 | 200918 | 199626 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 217126<br>308343 | 219665 | 183119 | 210686 | 224363 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZd5 | Ave | 787805<br>1103987 | 818922 | 643328 | 758869 | 748864 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 4-Bromofluorobenzene | DCBd4 | Ave | 210508<br>311074 | 220215 | 171509 | 206842 | 211277 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

Curve Type Legend:

| |
|---|
| Ave = Average ISTD |
| Qua = Quadratic ISTD |
| QuaF = Quadratic ISTD forced zero |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10355.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 07-Dec-2023 06:05:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0169812-005
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:32:04 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: PUV6 Date: 07-Dec-2023 08:37:22

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.370 | 1.370 | 0.000 | 93 | 34179 | 20.0 | 14.2 | |
| 2 Dichlorodifluoromethane | 85 | 1.406 | 1.406 | 0.000 | 98 | 143755 | 20.0 | 19.8 | |
| 3 Chlorodifluoromethane | 51 | 1.442 | 1.442 | 0.000 | 97 | 210805 | 20.0 | 20.6 | |
| 4 Chloromethane | 50 | 1.614 | 1.614 | 0.000 | 99 | 145139 | 20.0 | 20.1 | |
| 5 Vinyl chloride | 62 | 1.700 | 1.700 | 0.000 | 98 | 147687 | 20.0 | 22.4 | |
| 6 Butadiene | 54 | 1.729 | 1.729 | 0.000 | 98 | 145281 | 20.0 | 23.3 | |
| 7 Bromomethane | 94 | 2.029 | 2.029 | 0.000 | 99 | 74053 | 20.0 | 21.3 | |
| 8 Chloroethane | 64 | 2.137 | 2.137 | 0.000 | 100 | 78667 | 20.0 | 22.0 | |
| 10 Dichlorofluoromethane | 67 | 2.352 | 2.352 | 0.000 | 98 | 223035 | 20.0 | 21.7 | |
| 9 Trichlorofluoromethane | 101 | 2.352 | 2.352 | 0.000 | 98 | 173150 | 20.0 | 22.5 | |
| 11 Pentane | 72 | 2.402 | 2.402 | 0.000 | 96 | 46389 | 40.0 | 45.1 | |
| 12 Ethanol | 46 | 2.602 | 2.602 | 0.000 | 97 | 17243 | 800.0 | 728.1 | a |
| 13 Ethyl ether | 59 | 2.638 | 2.638 | 0.000 | 95 | 71476 | 20.0 | 19.9 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.653 | 2.653 | 0.000 | 98 | 117057 | 20.0 | 22.9 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.710 | 2.710 | 0.000 | 91 | 87153 | 20.0 | 21.4 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.774 | 2.774 | 0.000 | 96 | 160277 | 20.0 | 21.5 | |
| 18 Acrolein | 56 | 2.839 | 2.839 | 0.000 | 96 | 218096 | 300.0 | 304.3 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.839 | 2.839 | 0.000 | 93 | 114908 | 20.0 | 22.6 | |
| 19 1,1-Dichloroethene | 96 | 2.867 | 2.867 | 0.000 | 97 | 102363 | 20.0 | 22.1 | |
| 20 Acetone | 43 | 2.989 | 2.989 | 0.000 | 86 | 124889 | 100.0 | 87.1 | |
| 21 Iodomethane | 142 | 3.047 | 3.047 | 0.000 | 99 | 114959 | 20.0 | 19.4 | |
| 22 Carbon disulfide | 76 | 3.075 | 3.075 | 0.000 | 99 | 377868 | 20.0 | 21.8 | |
| 23 Isopropyl alcohol | 45 | 3.111 | 3.111 | 0.000 | 99 | 52474 | 200.0 | 186.9 | |
| 24 3-Chloro-1-propene | 76 | 3.261 | 3.261 | 0.000 | 89 | 25627 | 20.0 | 13.7 | |
| 25 Cyclopentene | 67 | 3.276 | 3.276 | 0.000 | 94 | 249846 | 20.0 | 22.1 | |
| 26 Methyl acetate | 43 | 3.290 | 3.290 | 0.000 | 100 | 76519 | 40.0 | 35.8 | |
| 27 Acetonitrile | 40 | 3.347 | 3.347 | 0.000 | 99 | 50025 | 200.0 | 211.5 | |
| 28 Methylene Chloride | 84 | 3.419 | 3.419 | 0.000 | 95 | 98792 | 20.0 | 19.8 | |
| * 29 TBA-d9 (IS) | 65 | 3.419 | 3.419 | 0.000 | 0 | 194851 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.505 | 3.505 | 0.000 | 99 | 71924 | 200.0 | 193.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.612 | 3.612 | 0.000 | 97 | 221196 | 20.0 | 20.7 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 97 | 109342 | 20.0 | 21.7 | |
| 33 Acrylonitrile | 53 | 3.734 | 3.734 | 0.000 | 94 | 256439 | 200.0 | 188.3 | |
| 34 Hexane | 57 | 3.834 | 3.834 | 0.000 | 94 | 193934 | 20.0 | 22.4 | |
| 35 Isopropyl ether | 45 | 4.107 | 4.107 | 0.000 | 99 | 305516 | 20.0 | 20.3 | |
| 36 1,1-Dichloroethane | 63 | 4.128 | 4.128 | 0.000 | 100 | 185705 | 20.0 | 21.4 | |
| 37 Vinyl acetate | 86 | 4.164 | 4.164 | 0.000 | 100 | 24825 | 40.0 | 43.7 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.178 | 4.178 | 0.000 | 92 | 97932 | 20.0 | 22.0 | |
| 39 Tert-butyl ethyl ether | 59 | 4.493 | 4.493 | 0.000 | 89 | 254967 | 20.0 | 20.0 | |
| 40 2,2-Dichloropropane | 79 | 4.723 | 4.723 | 0.000 | 96 | 43521 | 20.0 | 24.1 | |
| * 41 2-Butanone-d5 | 46 | 4.730 | 4.730 | 0.000 | 95 | 152702 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.766 | 4.766 | 0.000 | 97 | 105188 | 20.0 | 20.7 | |
| 43 2-Butanone (MEK) | 72 | 4.794 | 4.794 | 0.000 | 99 | 42041 | 100.0 | 90.4 | |
| 44 Ethyl acetate | 70 | 4.816 | 4.816 | 0.000 | 97 | 15296 | 40.0 | 38.7 | |
| 45 Methyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 99 | 63446 | 20.0 | 19.9 | |
| 46 Propionitrile | 54 | 4.959 | 4.959 | 0.000 | 98 | 97327 | 200.0 | 194.5 | |
| 47 Tetrahydrofuran | 72 | 5.031 | 5.031 | 0.000 | 94 | 17262 | 40.0 | 38.1 | |
| 48 Chlorobromomethane | 128 | 5.038 | 5.038 | 0.000 | 92 | 35889 | 20.0 | 20.7 | |
| 49 Methacrylonitrile | 67 | 5.081 | 5.081 | 0.000 | 93 | 294542 | 200.0 | 211.7 | |
| 50 Chloroform | 83 | 5.117 | 5.117 | 0.000 | 99 | 168664 | 20.0 | 20.7 | |
| 51 Cyclohexane | 84 | 5.246 | 5.246 | 0.000 | 93 | 166551 | 20.0 | 22.0 | |
| 52 1,1,1-Trichloroethane | 97 | 5.274 | 5.274 | 0.000 | 99 | 150847 | 20.0 | 21.3 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.303 | 5.303 | 0.000 | 96 | 172101 | 50.0 | 45.0 | |
| 54 Carbon tetrachloride | 117 | 5.418 | 5.418 | 0.000 | 97 | 118883 | 20.0 | 21.6 | |
| 55 1,1-Dichloropropene | 75 | 5.468 | 5.468 | 0.000 | 97 | 156334 | 20.0 | 21.7 | |
| 56 Isobutyl alcohol | 43 | 5.668 | 5.668 | 0.000 | 93 | 158877 | 500.0 | 471.9 | |
| 57 Benzene | 78 | 5.704 | 5.704 | 0.000 | 97 | 398267 | 20.0 | 21.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.733 | 5.733 | 0.000 | 99 | 183119 | 50.0 | 45.1 | |
| 59 Tert-amyl methyl ether | 87 | 5.811 | 5.811 | 0.000 | 92 | 64266 | 20.0 | 19.6 | |
| 60 Isopropyl acetate | 61 | 5.819 | 5.819 | 0.000 | 99 | 39332 | 20.0 | 20.5 | |
| 61 1,2-Dichloroethane | 62 | 5.826 | 5.826 | 0.000 | 97 | 106370 | 20.0 | 20.2 | |
| 62 n-Heptane | 43 | 5.926 | 5.926 | 0.000 | 93 | 191660 | 20.0 | 22.0 | |
| * 63 Fluorobenzene | 96 | 6.069 | 6.069 | 0.000 | 98 | 493632 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.492 | 6.492 | 0.000 | 90 | 47102 | 500.0 | 445.9 | |
| 65 Trichloroethene | 95 | 6.506 | 6.506 | 0.000 | 98 | 105889 | 20.0 | 21.0 | |
| 66 Methylcyclohexane | 83 | 6.650 | 6.650 | 0.000 | 96 | 197643 | 20.0 | 22.2 | |
| 67 Ethyl acrylate | 55 | 6.693 | 6.693 | 0.000 | 98 | 79911 | 20.0 | 18.4 | a |
| 68 1,2-Dichloropropane | 63 | 6.857 | 6.857 | 0.000 | 92 | 95957 | 20.0 | 20.2 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.929 | 6.929 | 0.000 | 0 | 18402 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.979 | 6.979 | 0.000 | 91 | 34451 | 40.0 | 40.4 | |
| 71 1,4-Dioxane | 88 | 6.993 | 6.993 | 0.000 | 93 | 16801 | 400.0 | 400.6 | |
| 72 Dibromomethane | 93 | 7.001 | 7.001 | 0.000 | 96 | 46713 | 20.0 | 21.5 | |
| 73 n-Propyl acetate | 43 | 7.044 | 7.044 | 0.000 | 99 | 95793 | 20.0 | 20.4 | |
| 74 Dichlorobromomethane | 83 | 7.172 | 7.172 | 0.000 | 99 | 109163 | 20.0 | 20.1 | |
| 75 2-Nitropropane | 41 | 7.523 | 7.523 | 0.000 | 99 | 27778 | 40.0 | 38.5 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.538 | 7.538 | 0.000 | 97 | 42261 | 20.0 | 22.0 | |
| 77 Epichlorohydrin | 57 | 7.624 | 7.624 | 0.000 | 98 | 44736 | 400.0 | 475.4 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.674 | 7.674 | 0.000 | 93 | 140493 | 20.0 | 21.1 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.831 | 7.831 | 0.000 | 98 | 315241 | 100.0 | 98.7 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.896 | 7.896 | 0.000 | 99 | 643328 | 50.0 | 45.2 | |
| 81 Toluene | 91 | 7.960 | 7.960 | 0.000 | 93 | 395864 | 20.0 | 21.0 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.261 | 8.261 | 0.000 | 98 | 114746 | 20.0 | 20.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.290 | 8.290 | 0.000 | 90 | 82371 | 20.0 | 20.0 | |
| 84 1,1,2-Trichloroethane | 83 | 8.426 | 8.426 | 0.000 | 95 | 56041 | 20.0 | 20.5 | |
| 85 Tetrachloroethene | 166 | 8.455 | 8.455 | 0.000 | 96 | 99739 | 20.0 | 21.7 | |
| 86 1,3-Dichloropropane | 76 | 8.591 | 8.591 | 0.000 | 94 | 112343 | 20.0 | 20.3 | |
| 87 2-Hexanone | 43 | 8.641 | 8.641 | 0.000 | 97 | 223500 | 100.0 | 97.6 | |
| 88 n-Butyl acetate | 73 | 8.727 | 8.727 | 0.000 | 98 | 16557 | 20.0 | 20.5 | |
| 89 Chlorodibromomethane | 129 | 8.755 | 8.755 | 0.000 | 98 | 69820 | 20.0 | 19.8 | |
| 90 Ethylene Dibromide | 107 | 8.870 | 8.870 | 0.000 | 99 | 61433 | 20.0 | 20.6 | |
| * 91 Chlorobenzene-d5 | 117 | 9.243 | 9.243 | 0.000 | 89 | 312693 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.271 | 9.271 | 0.000 | 96 | 230817 | 20.0 | 20.7 | |
| 93 Ethylbenzene | 106 | 9.336 | 9.336 | 0.000 | 99 | 132154 | 20.0 | 21.2 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.350 | 9.350 | 0.000 | 96 | 73581 | 20.0 | 20.3 | |
| 95 m-Xylene & p-Xylene | 106 | 9.436 | 9.436 | 0.000 | 0 | 161857 | 20.0 | 21.2 | |
| 96 n-Butyl acrylate | 73 | 9.737 | 9.737 | 0.000 | 96 | 42387 | 20.0 | 19.5 | |
| 97 o-Xylene | 106 | 9.765 | 9.765 | 0.000 | 93 | 150411 | 20.0 | 20.9 | |
| 98 Styrene | 104 | 9.787 | 9.787 | 0.000 | 94 | 238780 | 20.0 | 20.8 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.916 | 9.916 | 0.000 | 91 | 104551 | 20.0 | 21.1 | |
| 100 Bromoform | 173 | 9.959 | 9.959 | 0.000 | 95 | 41548 | 20.0 | 19.1 | |
| 101 Isopropylbenzene | 105 | 10.045 | 10.045 | 0.000 | 96 | 412624 | 20.0 | 21.5 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.210 | 10.210 | 0.000 | 0 | 171509 | 50.0 | 45.8 | |
| 103 Bromobenzene | 156 | 10.317 | 10.317 | 0.000 | 98 | 87586 | 20.0 | 21.1 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.339 | 10.339 | 0.000 | 98 | 76445 | 20.0 | 21.4 | |
| 105 N-Propylbenzene | 91 | 10.367 | 10.367 | 0.000 | 99 | 521183 | 20.0 | 22.6 | |
| 106 1,2,3-Trichloropropane | 110 | 10.381 | 10.381 | 0.000 | 95 | 20714 | 20.0 | 21.5 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.389 | 10.389 | 0.000 | 78 | 24186 | 20.0 | 21.7 | |
| 108 4-Ethyltoluene | 105 | 10.453 | 10.453 | 0.000 | 98 | 411017 | 20.0 | 22.2 | |
| 109 2-Chlorotoluene | 91 | 10.453 | 10.453 | 0.000 | 95 | 332434 | 20.0 | 21.8 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.503 | 10.503 | 0.000 | 92 | 353462 | 20.0 | 22.3 | |
| 111 4-Chlorotoluene | 91 | 10.546 | 10.546 | 0.000 | 98 | 302124 | 20.0 | 21.9 | |
| 112 Butyl Methacrylate | 87 | 10.561 | 10.561 | 0.000 | 94 | 85755 | 20.0 | 20.8 | |
| 113 tert-Butylbenzene | 119 | 10.740 | 10.740 | 0.000 | 93 | 298408 | 20.0 | 21.9 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.783 | 10.783 | 0.000 | 98 | 337261 | 20.0 | 21.8 | |
| 115 sec-Butylbenzene | 105 | 10.897 | 10.897 | 0.000 | 99 | 471862 | 20.0 | 22.6 | |
| 116 4-Isopropyltoluene | 119 | 11.005 | 11.005 | 0.000 | 98 | 378626 | 20.0 | 22.3 | |
| 117 1,3-Dichlorobenzene | 146 | 11.019 | 11.019 | 0.000 | 96 | 174895 | 20.0 | 21.3 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.069 | 11.069 | 0.000 | 95 | 159128 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.091 | 11.091 | 0.000 | 93 | 177287 | 20.0 | 21.4 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.098 | 11.098 | 0.000 | 99 | 333013 | 20.0 | 21.3 | |
| 121 Benzyl chloride | 126 | 11.191 | 11.191 | 0.000 | 98 | 27195 | 20.0 | 16.3 | |
| 122 2,3-Dihydroindene | 117 | 11.248 | 11.248 | 0.000 | 94 | 325610 | 20.0 | 19.9 | |
| 123 p-Diethylbenzene | 119 | 11.277 | 11.277 | 0.000 | 94 | 253931 | 20.0 | 22.1 | |
| 124 n-Butylbenzene | 92 | 11.298 | 11.298 | 0.000 | 98 | 222820 | 20.0 | 23.0 | |
| 125 1,2-Dichlorobenzene | 146 | 11.363 | 11.363 | 0.000 | 97 | 155162 | 20.0 | 20.7 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.893 | 11.893 | 0.000 | 97 | 308313 | 20.0 | 21.3 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 12.000 | 12.000 | 0.000 | 97 | 14591 | 20.0 | 21.0 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.129 | 12.129 | 0.000 | 97 | 128346 | 20.0 | 21.1 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.738 | 12.738 | 0.000 | 94 | 104102 | 20.0 | 20.7 | |
| 130 Hexachlorobutadiene | 225 | 12.853 | 12.853 | 0.000 | 92 | 65485 | 20.0 | 21.7 | |
| 131 Naphthalene | 128 | 13.025 | 13.025 | 0.000 | 99 | 208765 | 20.0 | 20.5 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.304 | 13.304 | 0.000 | 95 | 90030 | 20.0 | 20.5 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 42.4 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 41.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 42.2 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 105.7 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | |
| 524FREONS_00002 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00560 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 13-Dec-2023 13:32:05 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10355.D

Injection Date: 07-Dec-2023 06:05:30 Instrument ID: CVOAMS4 Operator ID:

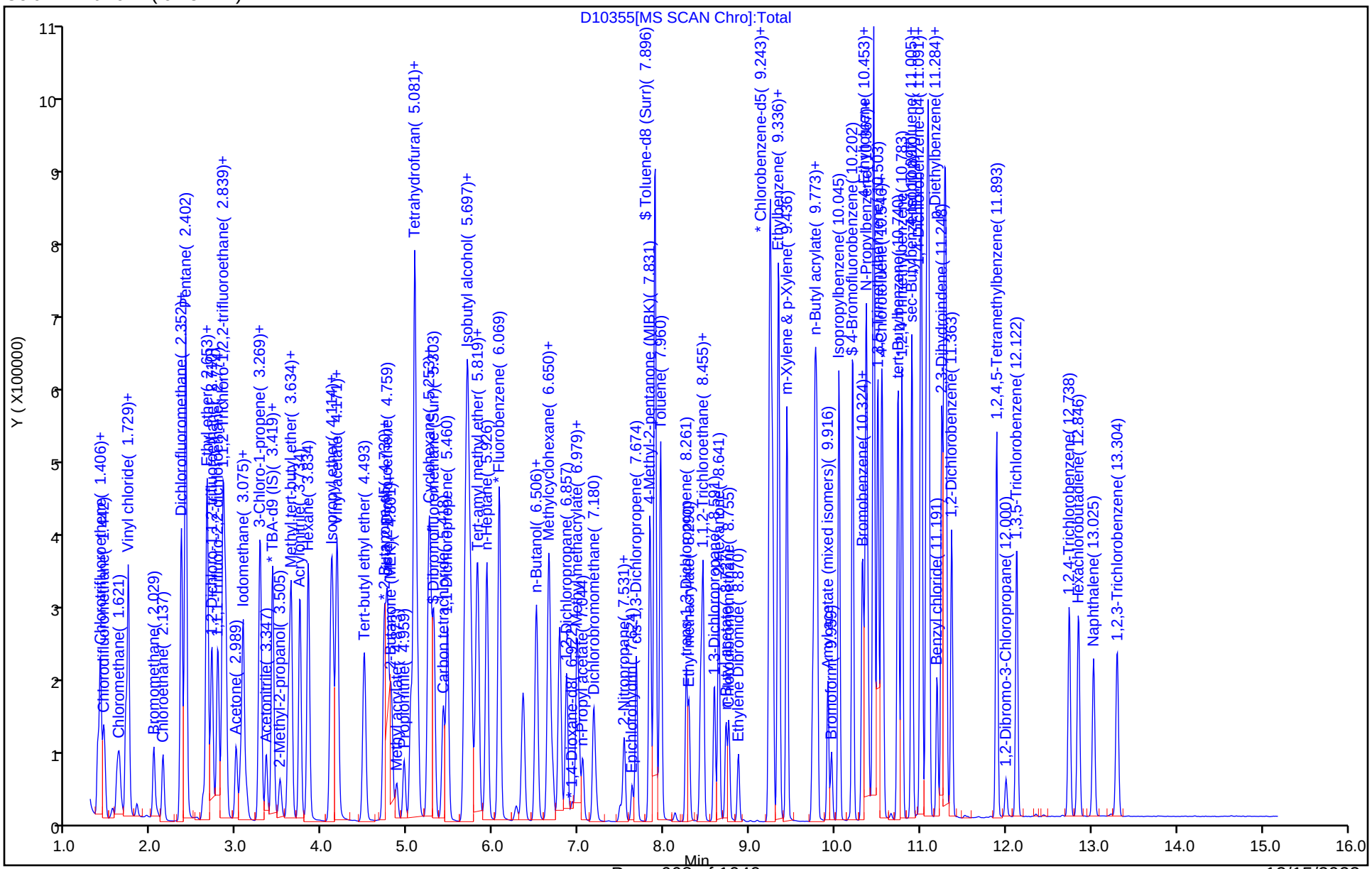
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison

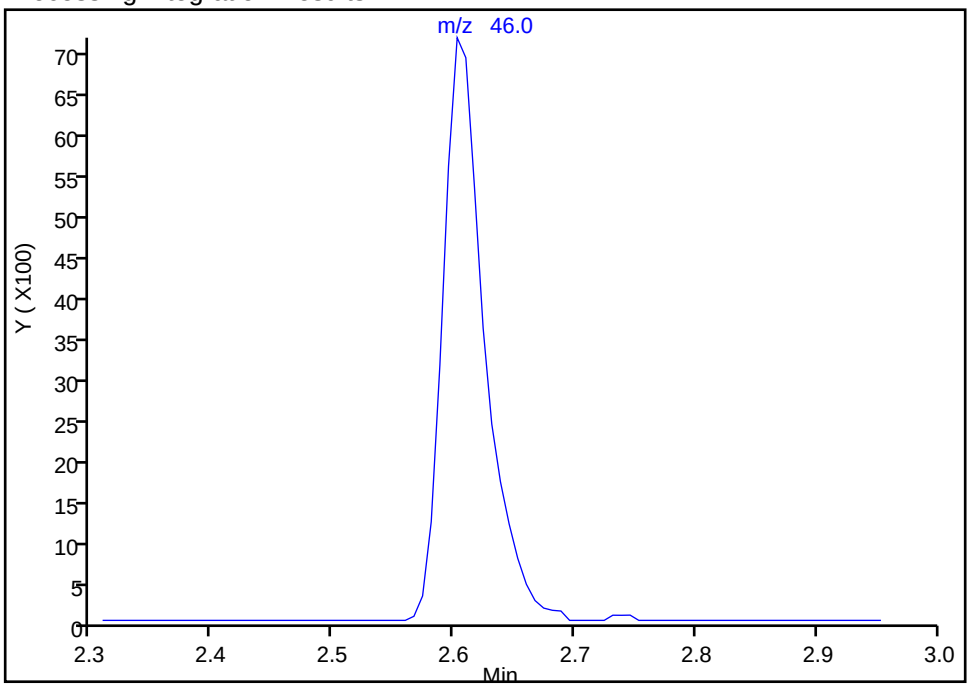
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10355.D
Injection Date: 07-Dec-2023 06:05:30 Instrument ID: CVOAMS4
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 Ethanol, CAS: 64-17-5

Signal: 1

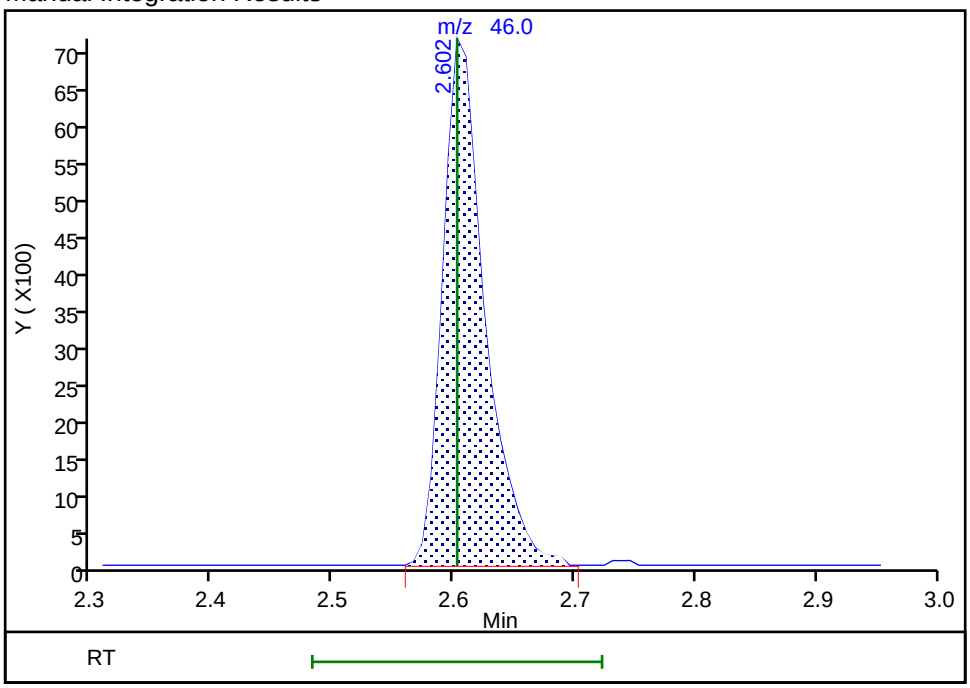
Not Detected
Expected RT: 2.60

Processing Integration Results




Manual Integration Results

RT: 2.60
Area: 17243
Amount: 728.1093
Amount Units: ug/l




Reviewer: PUV6, 07-Dec-2023 08:38:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

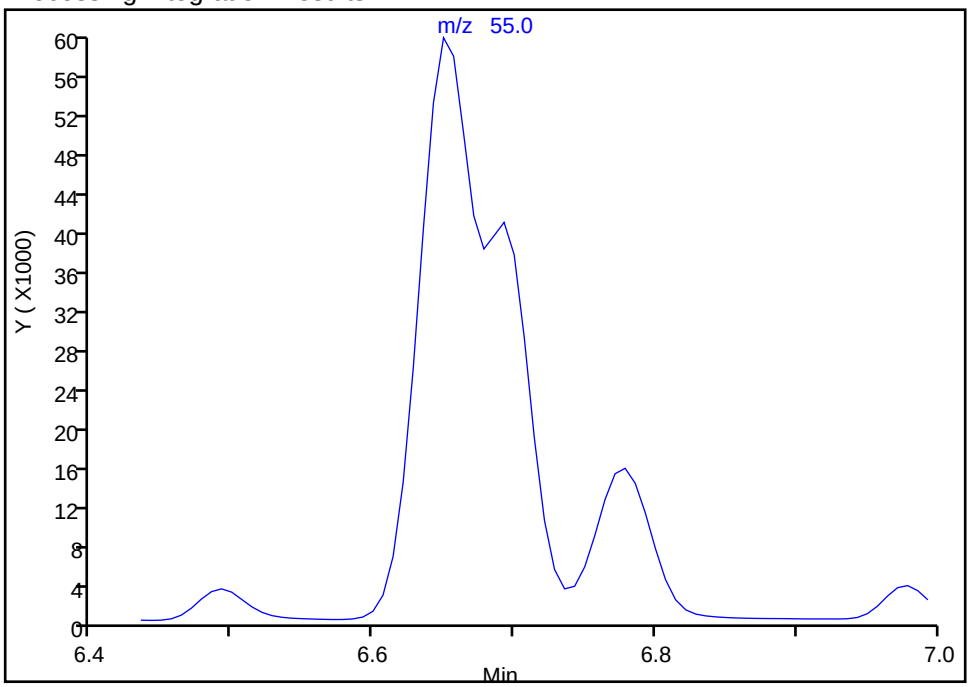
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10355.D
Injection Date: 07-Dec-2023 06:05:30 Instrument ID: CVOAMS4
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

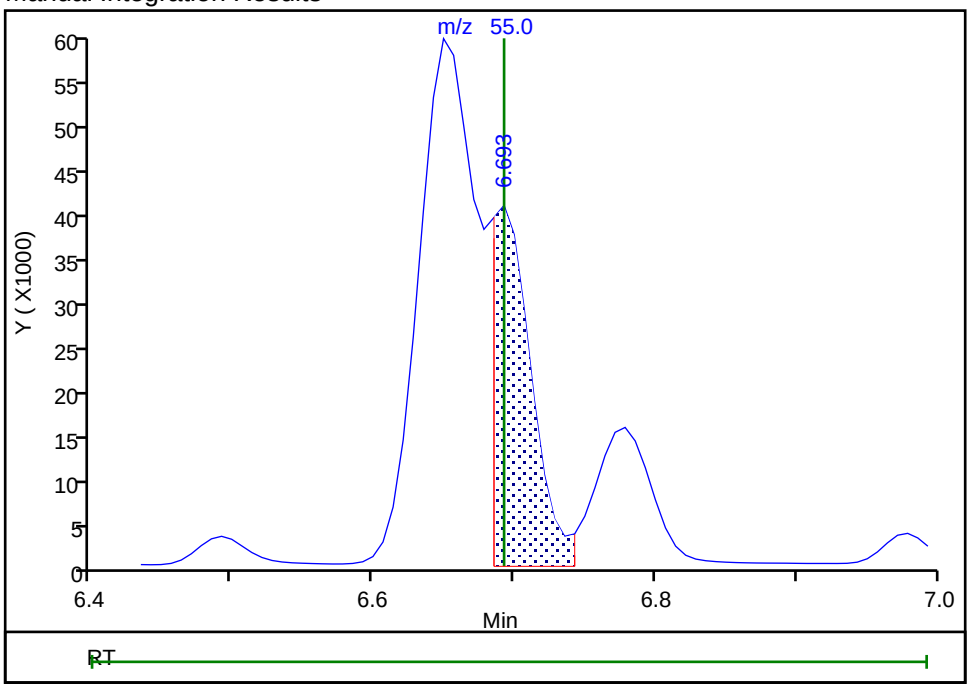
Not Detected
Expected RT: 6.69

Processing Integration Results




Manual Integration Results

RT: 6.69
Area: 79911
Amount: 18.447435
Amount Units: ug/l




Reviewer: NN6A, 13-Dec-2023 13:24:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10357.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 07-Dec-2023 06:51:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0169812-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:32:11 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: PUV6 Date: 07-Dec-2023 08:38:47

| | Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Chlorotrifluoroethene | 116 | 1.370 | 1.370 | 0.000 | 88 | 443141 | 200.0 | 205.9 | |
| 2 | Dichlorodifluoromethane | 85 | 1.406 | 1.406 | 0.000 | 99 | 1906740 | 200.0 | 257.1 | |
| 3 | Chlorodifluoromethane | 51 | 1.442 | 1.442 | 0.000 | 97 | 1620831 | 200.0 | 201.8 | |
| 4 | Chloromethane | 50 | 1.614 | 1.614 | 0.000 | 99 | 1756034 | 200.0 | 237.3 | |
| 5 | Vinyl chloride | 62 | 1.700 | 1.700 | 0.000 | 99 | 1570408 | 200.0 | 232.9 | |
| 6 | Butadiene | 54 | 1.736 | 1.729 | 0.007 | 98 | 1532683 | 200.0 | 239.7 | |
| 7 | Bromomethane | 94 | 2.029 | 2.029 | 0.000 | 98 | 563956 | 200.0 | 158.8 | |
| 8 | Chloroethane | 64 | 2.137 | 2.137 | 0.000 | 100 | 820040 | 200.0 | 224.3 | |
| 10 | Dichlorofluoromethane | 67 | 2.352 | 2.352 | 0.000 | 96 | 2350186 | 200.0 | 223.6 | |
| 9 | Trichlorofluoromethane | 101 | 2.352 | 2.352 | 0.000 | 74 | 1851629 | 200.0 | 234.7 | |
| 11 | Pentane | 72 | 2.409 | 2.402 | 0.007 | 93 | 507533 | 400.0 | 482.0 | |
| 12 | Ethanol | 46 | 2.610 | 2.602 | 0.008 | 97 | 181942 | 8000.0 | 7776.1 | |
| 13 | Ethyl ether | 59 | 2.645 | 2.638 | 0.007 | 94 | 730050 | 200.0 | 198.3 | |
| 14 | 2-Methyl-1,3-butadiene | 53 | 2.660 | 2.653 | 0.007 | 97 | 1227947 | 200.0 | 234.8 | |
| 15 | 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.717 | 2.710 | 0.007 | 98 | 945787 | 200.0 | 226.8 | |
| 16 | 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.782 | 2.774 | 0.008 | 98 | 1762335 | 200.0 | 230.9 | |
| 18 | Acrolein | 56 | 2.846 | 2.839 | 0.007 | 97 | 455529 | 500.0 | 621.0 | |
| 17 | 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.839 | 2.839 | 0.000 | 96 | 1222413 | 200.0 | 234.6 | |
| 19 | 1,1-Dichloroethene | 96 | 2.875 | 2.867 | 0.008 | 96 | 1086060 | 200.0 | 229.5 | |
| 20 | Acetone | 43 | 2.989 | 2.989 | 0.000 | 87 | 1501900 | 1000.0 | 1011.3 | |
| 21 | Iodomethane | 142 | 3.047 | 3.047 | 0.000 | 99 | 961095 | 200.0 | 196.5 | |
| 22 | Carbon disulfide | 76 | 3.075 | 3.075 | 0.000 | 99 | 4153641 | 200.0 | 234.3 | |
| 23 | Isopropyl alcohol | 45 | 3.118 | 3.111 | 0.007 | 100 | 566023 | 2000.0 | 2040.9 | |
| 24 | 3-Chloro-1-propene | 76 | 3.269 | 3.261 | 0.008 | 90 | 412730 | 200.0 | 208.5 | |
| 25 | Cyclopentene | 67 | 3.276 | 3.276 | 0.000 | 93 | 2749061 | 200.0 | 237.3 | |
| 26 | Methyl acetate | 43 | 3.290 | 3.290 | 0.000 | 99 | 1060702 | 400.0 | 485.1 | |
| 27 | Acetonitrile | 40 | 3.347 | 3.347 | 0.000 | 99 | 531741 | 2000.0 | 2195.9 | |
| 28 | Methylene Chloride | 84 | 3.419 | 3.419 | 0.000 | 95 | 1064879 | 200.0 | 208.6 | |
| * 29 | TBA-d9 (IS) | 65 | 3.426 | 3.419 | 0.007 | 0 | 192512 | 1000.0 | 1000.0 | |
| 30 | 2-Methyl-2-propanol | 59 | 3.512 | 3.505 | 0.007 | 99 | 721049 | 2000.0 | 1965.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.612 | 3.612 | 0.000 | 97 | 2314969 | 200.0 | 211.4 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 98 | 1154967 | 200.0 | 223.9 | |
| 33 Acrylonitrile | 53 | 3.741 | 3.734 | 0.007 | 94 | 2691620 | 2000.0 | 2000.5 | |
| 34 Hexane | 57 | 3.842 | 3.834 | 0.008 | 94 | 2105354 | 200.0 | 237.3 | |
| 35 Isopropyl ether | 45 | 4.107 | 4.107 | 0.000 | 98 | 3336149 | 200.0 | 216.9 | |
| 36 1,1-Dichloroethane | 63 | 4.128 | 4.128 | 0.000 | 99 | 1992945 | 200.0 | 223.9 | |
| 37 Vinyl acetate | 86 | 4.164 | 4.164 | 0.000 | 100 | 264898 | 400.0 | 455.3 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.178 | 4.178 | 0.000 | 92 | 1073628 | 200.0 | 235.2 | |
| 39 Tert-butyl ethyl ether | 59 | 4.494 | 4.493 | 0.001 | 88 | 2838679 | 200.0 | 217.4 | |
| 40 2,2-Dichloropropane | 79 | 4.730 | 4.723 | 0.007 | 95 | 345812 | 200.0 | 187.0 | |
| * 41 2-Butanone-d5 | 46 | 4.730 | 4.730 | 0.000 | 99 | 158078 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.766 | 4.766 | 0.000 | 98 | 1120437 | 200.0 | 215.8 | |
| 43 2-Butanone (MEK) | 72 | 4.794 | 4.794 | 0.000 | 99 | 438493 | 1000.0 | 911.1 | |
| 44 Ethyl acetate | 70 | 4.816 | 4.816 | 0.000 | 97 | 169304 | 400.0 | 413.8 | |
| 45 Methyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 100 | 694617 | 200.0 | 212.7 | |
| 46 Propionitrile | 54 | 4.959 | 4.959 | 0.000 | 98 | 1050708 | 2000.0 | 2028.0 | |
| 47 Tetrahydrofuran | 72 | 5.031 | 5.031 | 0.000 | 92 | 187809 | 400.0 | 400.0 | |
| 48 Chlorobromomethane | 128 | 5.045 | 5.038 | 0.007 | 91 | 371315 | 200.0 | 209.5 | |
| 49 Methacrylonitrile | 67 | 5.088 | 5.081 | 0.007 | 93 | 3152420 | 2000.0 | 2213.1 | |
| 50 Chloroform | 83 | 5.117 | 5.117 | 0.000 | 99 | 1818798 | 200.0 | 217.9 | |
| 51 Cyclohexane | 84 | 5.253 | 5.246 | 0.007 | 92 | 1850285 | 200.0 | 239.3 | |
| 52 1,1,1-Trichloroethane | 97 | 5.274 | 5.274 | 0.000 | 99 | 1679497 | 200.0 | 231.5 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.310 | 5.303 | 0.007 | 97 | 199626 | 50.0 | 51.0 | |
| 54 Carbon tetrachloride | 117 | 5.418 | 5.418 | 0.000 | 97 | 1310854 | 200.0 | 233.0 | |
| 55 1,1-Dichloropropene | 75 | 5.468 | 5.468 | 0.000 | 97 | 1737851 | 200.0 | 235.1 | |
| 56 Isobutyl alcohol | 43 | 5.668 | 5.668 | 0.000 | 95 | 1835493 | 5000.0 | 5518.3 | |
| 57 Benzene | 78 | 5.704 | 5.704 | 0.000 | 97 | 4325095 | 200.0 | 219.0 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.733 | 5.733 | 0.000 | 98 | 224363 | 50.0 | 54.0 | |
| 59 Tert-amyl methyl ether | 87 | 5.812 | 5.811 | 0.001 | 96 | 759185 | 200.0 | 226.3 | |
| 60 Isopropyl acetate | 61 | 5.826 | 5.819 | 0.007 | 99 | 444515 | 200.0 | 226.9 | |
| 61 1,2-Dichloroethane | 62 | 5.826 | 5.826 | 0.000 | 97 | 1143950 | 200.0 | 212.0 | |
| 62 n-Heptane | 43 | 5.926 | 5.926 | 0.000 | 93 | 2181293 | 200.0 | 245.0 | |
| * 63 Fluorobenzene | 96 | 6.077 | 6.069 | 0.008 | 98 | 505291 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.492 | 6.492 | 0.000 | 94 | 571356 | 5000.0 | 5474.5 | |
| 65 Trichloroethene | 95 | 6.506 | 6.506 | 0.000 | 98 | 1169873 | 200.0 | 227.1 | |
| 66 Methylcyclohexane | 83 | 6.657 | 6.650 | 0.007 | 96 | 2225154 | 200.0 | 243.8 | |
| 67 Ethyl acrylate | 55 | 6.693 | 6.693 | 0.000 | 97 | 976084 | 200.0 | 220.1 | a |
| 68 1,2-Dichloropropane | 63 | 6.857 | 6.857 | 0.000 | 92 | 1067567 | 200.0 | 220.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.929 | 6.929 | 0.000 | 0 | 20486 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.979 | 6.979 | 0.000 | 90 | 399424 | 400.0 | 457.9 | |
| 71 1,4-Dioxane | 88 | 6.993 | 6.993 | 0.000 | 94 | 178995 | 4000.0 | 3833.5 | |
| 72 Dibromomethane | 93 | 7.001 | 7.001 | 0.000 | 97 | 478859 | 200.0 | 215.8 | |
| 73 n-Propyl acetate | 43 | 7.051 | 7.044 | 0.007 | 99 | 1116388 | 200.0 | 232.3 | |
| 74 Dichlorobromomethane | 83 | 7.180 | 7.172 | 0.008 | 99 | 1246128 | 200.0 | 223.8 | |
| 75 2-Nitropropane | 41 | 7.524 | 7.523 | 0.001 | 97 | 304894 | 400.0 | 412.4 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.538 | 7.538 | 0.000 | 87 | 421536 | 200.5 | 214.4 | |
| 77 Epichlorohydrin | 57 | 7.624 | 7.624 | 0.000 | 98 | 351857 | 4000.0 | 4074.2 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.674 | 7.674 | 0.000 | 93 | 1543421 | 200.0 | 219.5 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.832 | 7.831 | 0.001 | 97 | 3495235 | 1000.0 | 1057.5 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.896 | 7.896 | 0.000 | 99 | 748864 | 50.0 | 49.8 | |
| 81 Toluene | 91 | 7.960 | 7.960 | 0.000 | 93 | 4350026 | 200.0 | 218.7 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.261 | 8.261 | 0.000 | 96 | 1286039 | 200.0 | 218.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.290 | 8.290 | 0.000 | 89 | 989371 | 200.0 | 234.9 | |
| 84 1,1,2-Trichloroethane | 83 | 8.426 | 8.426 | 0.000 | 96 | 621091 | 200.0 | 214.8 | |
| 85 Tetrachloroethene | 166 | 8.455 | 8.455 | 0.000 | 96 | 1120757 | 200.0 | 230.6 | |
| 86 1,3-Dichloropropane | 76 | 8.591 | 8.591 | 0.000 | 95 | 1247158 | 200.0 | 213.5 | |
| 87 2-Hexanone | 43 | 8.641 | 8.641 | 0.000 | 97 | 2507589 | 1000.0 | 1057.8 | |
| 88 n-Butyl acetate | 73 | 8.727 | 8.727 | 0.000 | 98 | 204489 | 200.0 | 239.7 | |
| 89 Chlorodibromomethane | 129 | 8.756 | 8.755 | 0.001 | 98 | 846685 | 200.0 | 227.4 | |
| 90 Ethylene Dibromide | 107 | 8.870 | 8.870 | 0.000 | 98 | 680788 | 200.0 | 216.1 | |
| * 91 Chlorobenzene-d5 | 117 | 9.250 | 9.243 | 0.007 | 91 | 330351 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.271 | 9.271 | 0.000 | 94 | 2560926 | 200.0 | 217.7 | |
| 93 Ethylbenzene | 106 | 9.336 | 9.336 | 0.000 | 99 | 1521126 | 200.0 | 231.1 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.350 | 9.350 | 0.000 | 96 | 876737 | 200.0 | 229.5 | |
| 95 m-Xylene & p-Xylene | 106 | 9.436 | 9.436 | 0.000 | 0 | 1873634 | 200.0 | 232.7 | |
| 96 n-Butyl acrylate | 73 | 9.737 | 9.737 | 0.000 | 97 | 565967 | 200.0 | 246.7 | |
| 97 o-Xylene | 106 | 9.766 | 9.765 | 0.001 | 94 | 1710355 | 200.0 | 225.3 | |
| 98 Styrene | 104 | 9.787 | 9.787 | 0.000 | 94 | 2809504 | 200.0 | 232.1 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.916 | 9.916 | 0.000 | 90 | 1307031 | 200.0 | 226.7 | |
| 100 Bromoform | 173 | 9.959 | 9.959 | 0.000 | 95 | 539552 | 200.0 | 234.7 | |
| 101 Isopropylbenzene | 105 | 10.045 | 10.045 | 0.000 | 97 | 4732160 | 200.0 | 233.6 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.210 | 10.210 | 0.000 | 0 | 211277 | 50.0 | 48.4 | |
| 103 Bromobenzene | 156 | 10.317 | 10.317 | 0.000 | 98 | 993776 | 200.0 | 205.1 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.339 | 10.339 | 0.001 | 99 | 878904 | 200.0 | 211.0 | |
| 105 N-Propylbenzene | 91 | 10.367 | 10.367 | 0.000 | 99 | 5910731 | 200.0 | 220.3 | |
| 106 1,2,3-Trichloropropane | 110 | 10.382 | 10.381 | 0.001 | 94 | 242165 | 200.0 | 215.9 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.389 | 10.389 | 0.000 | 83 | 286683 | 200.0 | 221.1 | |
| 108 4-Ethyltoluene | 105 | 10.453 | 10.453 | 0.000 | 98 | 4758886 | 200.0 | 220.2 | |
| 109 2-Chlorotoluene | 91 | 10.453 | 10.453 | 0.000 | 95 | 3890377 | 200.0 | 218.6 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.503 | 10.503 | 0.000 | 93 | 4167416 | 200.0 | 225.5 | |
| 111 4-Chlorotoluene | 91 | 10.546 | 10.546 | 0.000 | 98 | 3455388 | 200.0 | 214.7 | |
| 112 Butyl Methacrylate | 87 | 10.561 | 10.561 | 0.000 | 91 | 1141906 | 200.0 | 237.5 | |
| 113 tert-Butylbenzene | 119 | 10.740 | 10.740 | 0.000 | 93 | 3527507 | 200.0 | 221.6 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.783 | 10.783 | 0.000 | 98 | 3978191 | 200.0 | 220.3 | |
| 115 sec-Butylbenzene | 105 | 10.897 | 10.897 | 0.000 | 99 | 5500120 | 200.0 | 226.4 | |
| 116 4-Isopropyltoluene | 119 | 11.005 | 11.005 | 0.000 | 97 | 4515723 | 200.0 | 228.7 | |
| 117 1,3-Dichlorobenzene | 146 | 11.019 | 11.019 | 0.000 | 95 | 2071083 | 200.0 | 216.8 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.069 | 11.069 | 0.000 | 91 | 185474 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.091 | 11.091 | 0.000 | 94 | 2056400 | 200.0 | 212.7 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.098 | 11.098 | 0.000 | 99 | 3995677 | 200.0 | 219.2 | |
| 121 Benzyl chloride | 126 | 11.198 | 11.191 | 0.007 | 99 | 374259 | 200.0 | 203.0 | |
| 122 2,3-Dihydroindene | 117 | 11.248 | 11.248 | 0.000 | 94 | 3932434 | 200.0 | 235.2 | |
| 123 p-Diethylbenzene | 119 | 11.277 | 11.277 | 0.000 | 92 | 3046400 | 200.0 | 227.0 | |
| 124 n-Butylbenzene | 92 | 11.298 | 11.298 | 0.000 | 97 | 2574671 | 200.0 | 228.0 | |
| 125 1,2-Dichlorobenzene | 146 | 11.363 | 11.363 | 0.000 | 99 | 1878222 | 200.0 | 215.3 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.893 | 11.893 | 0.000 | 97 | 3705436 | 200.0 | 220.0 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 12.000 | 12.000 | 0.000 | 98 | 180947 | 200.0 | 223.9 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.129 | 12.129 | 0.000 | 97 | 1495711 | 200.0 | 211.0 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.738 | 12.738 | 0.000 | 94 | 1169018 | 200.0 | 199.4 | |
| 130 Hexachlorobutadiene | 225 | 12.853 | 12.853 | 0.000 | 95 | 762790 | 200.0 | 217.0 | |
| 131 Naphthalene | 128 | 13.025 | 13.025 | 0.000 | 99 | 2454365 | 200.0 | 207.1 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.304 | 13.304 | 0.000 | 95 | 1021309 | 200.0 | 199.3 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 439.7 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 400.0 | 438.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 400.0 | 458.0 | |
| S 136 Total BTEX | 1 | | | | 0 | | 1000.0 | 1126.8 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 5.00 | Units: uL | | |
| Ethanol mix_00083 | Amount Added: | 2.00 | Units: uL | | |
| 7 Freons Hi_00002 | Amount Added: | 2.00 | Units: uL | | |
| GAS Hi_00457 | Amount Added: | 2.00 | Units: uL | | |
| MIX 2 Hi_00142 | Amount Added: | 2.00 | Units: uL | | |
| MIX I Hi_00170 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

Report Date: 13-Dec-2023 13:32:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10357.D

Injection Date: 07-Dec-2023 06:51:30 Instrument ID: CVOAMS4 Operator ID:

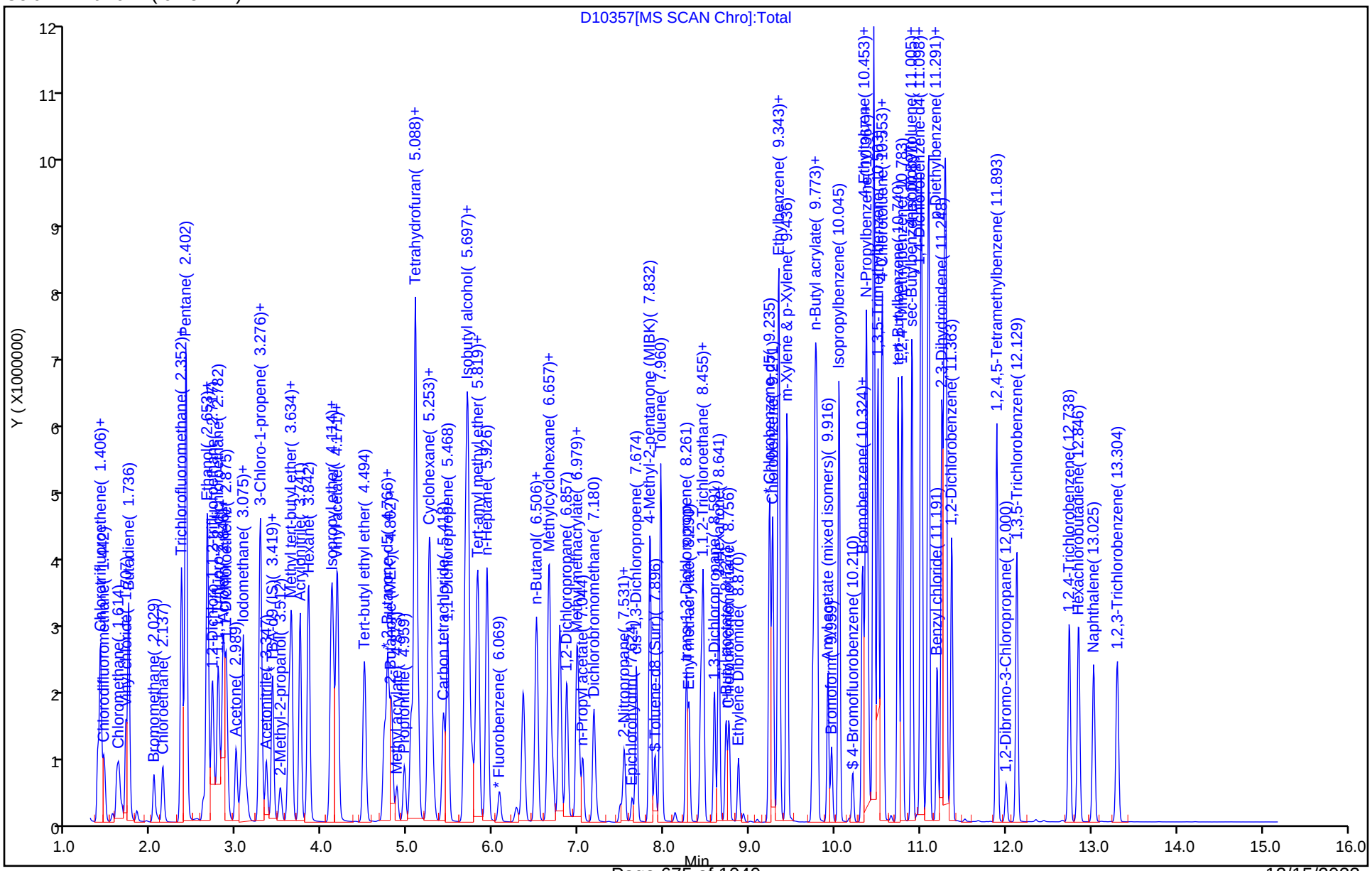
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

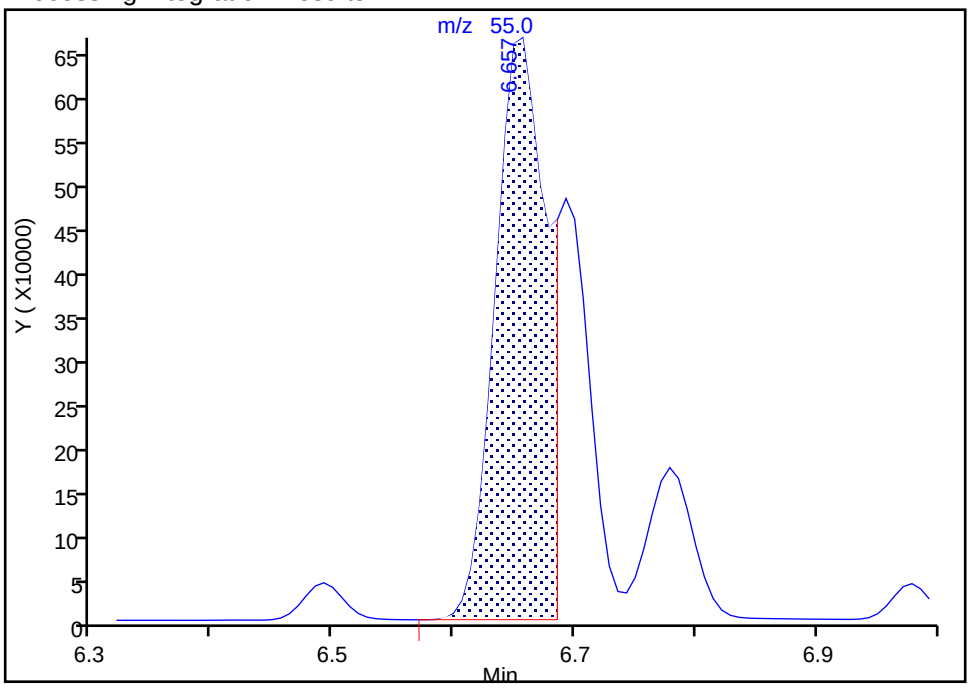
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10357.D
Injection Date: 07-Dec-2023 06:51:30 Instrument ID: CVOAMS4
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

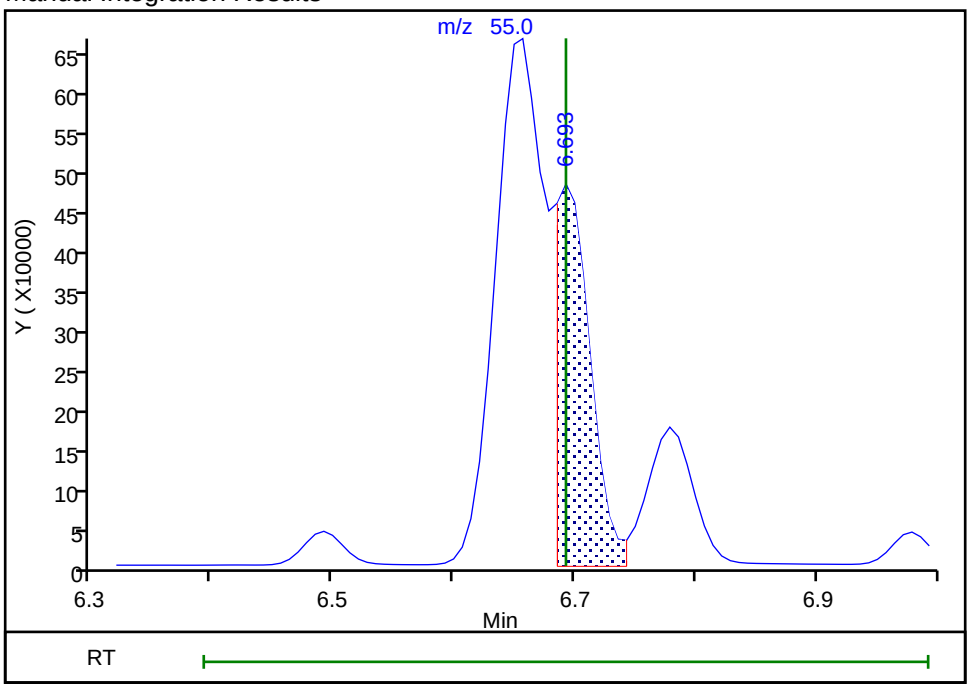
Processing Integration Results

RT: 6.66
Area: 2049499
Amount: 209.4770
Amount Units: ug/l




Manual Integration Results

RT: 6.69
Area: 976084
Amount: 220.1296
Amount Units: ug/l




Reviewer: NN6A, 13-Dec-2023 13:24:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10358.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 07-Dec-2023 07:15:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0169812-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:32:19 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: PUV6 Date: 07-Dec-2023 08:39:00

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.371 | 1.370 | 0.000 | 89 | 1243555 | 500.0 | 498.3 | |
| 2 Dichlorodifluoromethane | 85 | 1.406 | 1.406 | 0.000 | 99 | 5452221 | 500.0 | 497.0 | |
| 3 Chlorodifluoromethane | 51 | 1.442 | 1.442 | 0.000 | 96 | 4687537 | 500.0 | 499.5 | |
| 4 Chloromethane | 50 | 1.600 | 1.614 | -0.014 | 99 | 5937847 | 500.0 | 542.6 | |
| 5 Vinyl chloride | 62 | 1.700 | 1.700 | 0.000 | 99 | 4572354 | 500.0 | 458.4 | |
| 6 Butadiene | 54 | 1.736 | 1.729 | 0.007 | 98 | 4314388 | 500.0 | 456.2 | |
| 7 Bromomethane | 94 | 2.022 | 2.029 | -0.007 | 98 | 734376 | 500.0 | 139.8 | |
| 8 Chloroethane | 64 | 2.123 | 2.137 | -0.014 | 100 | 2479048 | 500.0 | 458.5 | |
| 10 Dichlorofluoromethane | 67 | 2.352 | 2.352 | 0.000 | 96 | 7142156 | 500.0 | 459.4 | |
| 9 Trichlorofluoromethane | 101 | 2.352 | 2.352 | 0.000 | 71 | 5515461 | 500.0 | 472.6 | |
| 11 Pentane | 72 | 2.402 | 2.402 | 0.000 | 91 | 1429971 | 1000.0 | 918.2 | |
| 12 Ethanol | 46 | 2.617 | 2.602 | 0.015 | 96 | 497008 | 20000 | 19082 | |
| 13 Ethyl ether | 59 | 2.653 | 2.638 | 0.015 | 97 | 2328331 | 500.0 | 427.7 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.660 | 2.653 | 0.007 | 97 | 3387269 | 500.0 | 437.9 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.717 | 2.710 | 0.007 | 89 | 2786810 | 500.0 | 451.8 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.789 | 2.774 | 0.015 | 97 | 5177256 | 500.0 | 458.7 | |
| 18 Acrolein | 56 | 2.846 | 2.839 | 0.007 | 96 | 674243 | 600.0 | 621.5 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.839 | 2.839 | 0.000 | 97 | 3703903 | 500.0 | 480.5 | |
| 19 1,1-Dichloroethene | 96 | 2.875 | 2.867 | 0.008 | 97 | 3319624 | 500.0 | 474.3 | |
| 20 Acetone | 43 | 2.997 | 2.989 | 0.007 | 87 | 4444491 | 2500.0 | 2437.1 | |
| 21 Iodomethane | 142 | 3.047 | 3.047 | 0.000 | 100 | 2121544 | 500.0 | 433.2 | |
| 22 Carbon disulfide | 76 | 3.075 | 3.075 | 0.000 | 99 | 12458356 | 500.0 | 475.2 | |
| 23 Isopropyl alcohol | 45 | 3.125 | 3.111 | 0.014 | 98 | 1601213 | 5000.0 | 5186.4 | |
| 24 3-Chloro-1-propene | 76 | 3.262 | 3.261 | 0.001 | 92 | 1535180 | 500.0 | 498.9 | |
| 25 Cyclopentene | 67 | 3.283 | 3.276 | 0.007 | 94 | 7870245 | 500.0 | 459.3 | |
| 26 Methyl acetate | 43 | 3.290 | 3.290 | 0.000 | 99 | 3508266 | 1000.0 | 1084.8 | |
| 27 Acetonitrile | 40 | 3.348 | 3.347 | 0.001 | 99 | 1560488 | 5000.0 | 4357.2 | |
| 28 Methylene Chloride | 84 | 3.419 | 3.419 | 0.000 | 94 | 3592858 | 500.0 | 475.8 | |
| * 29 TBA-d9 (IS) | 65 | 3.433 | 3.419 | 0.014 | 0 | 214301 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.519 | 3.505 | 0.014 | 99 | 2063310 | 5000.0 | 5052.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.613 | 3.612 | 0.001 | 97 | 6927264 | 500.0 | 427.8 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.648 | 3.641 | 0.007 | 97 | 3589676 | 500.0 | 470.5 | |
| 33 Acrylonitrile | 53 | 3.749 | 3.734 | 0.015 | 94 | 7973288 | 5000.0 | 5323.6 | |
| 34 Hexane | 57 | 3.842 | 3.834 | 0.008 | 94 | 6372130 | 500.0 | 485.6 | |
| 35 Isopropyl ether | 45 | 4.107 | 4.107 | 0.000 | 97 | 10591113 | 500.0 | 465.5 | |
| 36 1,1-Dichloroethane | 63 | 4.135 | 4.128 | 0.007 | 99 | 6473766 | 500.0 | 491.7 | |
| 37 Vinyl acetate | 86 | 4.171 | 4.164 | 0.007 | 100 | 819620 | 1000.0 | 952.5 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.186 | 4.178 | 0.008 | 92 | 3186936 | 500.0 | 472.0 | |
| 39 Tert-butyl ethyl ether | 59 | 4.494 | 4.493 | 0.001 | 89 | 9127913 | 500.0 | 472.7 | |
| 40 2,2-Dichloropropane | 79 | 4.730 | 4.723 | 0.007 | 96 | 1005493 | 500.0 | 367.5 | |
| * 41 2-Butanone-d5 | 46 | 4.737 | 4.730 | 0.007 | 98 | 194121 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.773 | 4.766 | 0.007 | 98 | 3671467 | 500.0 | 478.1 | |
| 43 2-Butanone (MEK) | 72 | 4.802 | 4.794 | 0.008 | 100 | 1296742 | 2500.0 | 2194.1 | |
| 44 Ethyl acetate | 70 | 4.823 | 4.816 | 0.007 | 97 | 514121 | 1000.0 | 1023.4 | |
| 45 Methyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 99 | 2103234 | 500.0 | 435.5 | |
| 46 Propionitrile | 54 | 4.966 | 4.959 | 0.007 | 98 | 3058278 | 5000.0 | 4806.8 | |
| 47 Tetrahydrofuran | 72 | 5.038 | 5.031 | 0.007 | 94 | 563858 | 1000.0 | 977.9 | |
| 48 Chlorobromomethane | 128 | 5.045 | 5.038 | 0.007 | 91 | 1373216 | 500.0 | 523.8 | |
| 49 Methacrylonitrile | 67 | 5.095 | 5.081 | 0.014 | 92 | 8930815 | 5000.0 | 4239.2 | |
| 50 Chloroform | 83 | 5.124 | 5.117 | 0.007 | 99 | 5757200 | 500.0 | 466.3 | |
| 51 Cyclohexane | 84 | 5.253 | 5.246 | 0.007 | 92 | 5723259 | 500.0 | 500.4 | |
| 52 1,1,1-Trichloroethane | 97 | 5.282 | 5.274 | 0.008 | 99 | 5221919 | 500.0 | 486.7 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.317 | 5.303 | 0.014 | 97 | 280119 | 50.0 | 48.4 | |
| 54 Carbon tetrachloride | 117 | 5.418 | 5.418 | 0.000 | 98 | 3689286 | 500.0 | 443.3 | |
| 55 1,1-Dichloropropene | 75 | 5.468 | 5.468 | 0.000 | 99 | 5416629 | 500.0 | 495.6 | |
| 56 Isobutyl alcohol | 43 | 5.675 | 5.668 | 0.007 | 90 | 5379294 | 12500 | 14528 | |
| 57 Benzene | 78 | 5.711 | 5.704 | 0.007 | 97 | 13236249 | 500.0 | 456.1 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.740 | 5.733 | 0.007 | 89 | 308343 | 50.0 | 50.2 | |
| 59 Tert-amyl methyl ether | 87 | 5.812 | 5.811 | 0.001 | 92 | 2454064 | 500.0 | 494.5 | |
| 60 Isopropyl acetate | 61 | 5.826 | 5.819 | 0.007 | 99 | 1356996 | 500.0 | 468.3 | |
| 61 1,2-Dichloroethane | 62 | 5.833 | 5.826 | 0.007 | 97 | 3473369 | 500.0 | 435.1 | |
| 62 n-Heptane | 43 | 5.933 | 5.926 | 0.007 | 93 | 6609716 | 500.0 | 501.9 | |
| * 63 Fluorobenzene | 96 | 6.077 | 6.069 | 0.008 | 98 | 747325 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.499 | 6.492 | 0.007 | 90 | 1647602 | 12500 | 14182 | |
| 65 Trichloroethene | 95 | 6.514 | 6.506 | 0.008 | 98 | 3817665 | 500.0 | 501.0 | |
| 66 Methylcyclohexane | 83 | 6.657 | 6.650 | 0.007 | 96 | 6971000 | 500.0 | 516.4 | |
| 67 Ethyl acrylate | 55 | 6.700 | 6.693 | 0.007 | 97 | 3872772 | 500.0 | 590.5 | Ma |
| 68 1,2-Dichloropropane | 63 | 6.865 | 6.857 | 0.008 | 92 | 3624377 | 500.0 | 505.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.936 | 6.929 | 0.007 | 0 | 23875 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.979 | 6.979 | 0.000 | 90 | 1254862 | 1000.0 | 972.7 | |
| 71 1,4-Dioxane | 88 | 6.993 | 6.993 | 0.000 | 93 | 521996 | 10000 | 9592.7 | |
| 72 Dibromomethane | 93 | 7.008 | 7.001 | 0.007 | 97 | 1274964 | 500.0 | 388.5 | |
| 73 n-Propyl acetate | 43 | 7.051 | 7.044 | 0.007 | 99 | 3397941 | 500.0 | 478.0 | |
| 74 Dichlorobromomethane | 83 | 7.180 | 7.172 | 0.008 | 99 | 4237785 | 500.0 | 514.5 | |
| 75 2-Nitropropane | 41 | 7.524 | 7.523 | 0.001 | 96 | 879118 | 1000.0 | 803.9 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.538 | 7.538 | 0.000 | 91 | 1366253 | 501.2 | 469.8 | |
| 77 Epichlorohydrin | 57 | 7.631 | 7.624 | 0.007 | 99 | 836089 | 10000 | 9980.9 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.681 | 7.674 | 0.007 | 93 | 5201929 | 500.0 | 503.4 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.839 | 7.831 | 0.008 | 97 | 10325477 | 2500.0 | 2544.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.896 | 7.896 | 0.000 | 99 | 1103987 | 50.0 | 49.9 | |
| 81 Toluene | 91 | 7.968 | 7.960 | 0.008 | 94 | 13385031 | 500.0 | 458.0 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.261 | 8.261 | 0.000 | 96 | 4400269 | 500.0 | 509.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.290 | 8.290 | 0.000 | 96 | 3295647 | 500.0 | 529.1 | |
| 84 1,1,2-Trichloroethane | 83 | 8.433 | 8.426 | 0.007 | 96 | 2111633 | 500.0 | 497.0 | |
| 85 Tetrachloroethene | 166 | 8.462 | 8.455 | 0.007 | 96 | 3580895 | 500.0 | 501.4 | |
| 86 1,3-Dichloropropane | 76 | 8.591 | 8.591 | 0.000 | 94 | 4198943 | 500.0 | 489.3 | |
| 87 2-Hexanone | 43 | 8.641 | 8.641 | 0.000 | 97 | 7455083 | 2500.0 | 2560.8 | |
| 88 n-Butyl acetate | 73 | 8.727 | 8.727 | 0.000 | 99 | 640621 | 500.0 | 511.1 | |
| 89 Chlorodibromomethane | 129 | 8.763 | 8.755 | 0.008 | 98 | 2945537 | 500.0 | 538.3 | |
| 90 Ethylene Dibromide | 107 | 8.870 | 8.870 | 0.000 | 98 | 2233929 | 500.0 | 482.5 | |
| * 91 Chlorobenzene-d5 | 117 | 9.250 | 9.243 | 0.007 | 89 | 485440 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.271 | 9.271 | 0.000 | 99 | 8220875 | 500.0 | 475.7 | |
| 93 Ethylbenzene | 106 | 9.343 | 9.336 | 0.007 | 99 | 4621319 | 500.0 | 477.7 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.350 | 9.350 | 0.000 | 96 | 2772401 | 500.0 | 493.9 | |
| 95 m-Xylene & p-Xylene | 106 | 9.443 | 9.436 | 0.007 | 0 | 5858751 | 500.0 | 495.1 | |
| 96 n-Butyl acrylate | 73 | 9.744 | 9.737 | 0.007 | 97 | 1853415 | 500.0 | 549.7 | |
| 97 o-Xylene | 106 | 9.766 | 9.765 | 0.001 | 96 | 5350125 | 500.0 | 479.6 | |
| 98 Styrene | 104 | 9.794 | 9.787 | 0.007 | 93 | 8757877 | 500.0 | 492.4 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.916 | 9.916 | 0.000 | 90 | 4084355 | 500.0 | 498.7 | |
| 100 Bromoform | 173 | 9.959 | 9.959 | 0.000 | 95 | 1847980 | 500.0 | 547.1 | |
| 101 Isopropylbenzene | 105 | 10.052 | 10.045 | 0.007 | 97 | 13814037 | 500.0 | 464.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.210 | 10.210 | 0.000 | 0 | 311074 | 50.0 | 50.1 | |
| 103 Bromobenzene | 156 | 10.324 | 10.317 | 0.007 | 98 | 3374732 | 500.0 | 490.4 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.339 | 10.339 | 0.001 | 98 | 2783226 | 500.0 | 470.5 | |
| 105 N-Propylbenzene | 91 | 10.367 | 10.367 | 0.000 | 99 | 16282845 | 500.0 | 427.2 | e |
| 106 1,2,3-Trichloropropane | 110 | 10.389 | 10.381 | 0.008 | 95 | 743741 | 500.0 | 466.9 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.396 | 10.389 | 0.007 | 83 | 876419 | 500.0 | 475.8 | |
| 108 4-Ethyltoluene | 105 | 10.453 | 10.453 | 0.000 | 97 | 13064152 | 500.0 | 425.5 | |
| 109 2-Chlorotoluene | 91 | 10.460 | 10.453 | 0.007 | 96 | 10887920 | 500.0 | 430.8 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.503 | 10.503 | 0.000 | 93 | 11702047 | 500.0 | 445.7 | |
| 111 4-Chlorotoluene | 91 | 10.546 | 10.546 | 0.000 | 98 | 10331748 | 500.0 | 451.9 | |
| 112 Butyl Methacrylate | 87 | 10.568 | 10.561 | 0.007 | 91 | 3508935 | 500.0 | 513.8 | |
| 113 tert-Butylbenzene | 119 | 10.740 | 10.740 | 0.000 | 92 | 10475411 | 500.0 | 463.4 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.790 | 10.783 | 0.007 | 98 | 11782225 | 500.0 | 459.2 | |
| 115 sec-Butylbenzene | 105 | 10.905 | 10.897 | 0.007 | 98 | 15200056 | 500.0 | 440.6 | e |
| 116 4-Isopropyltoluene | 119 | 11.005 | 11.005 | 0.000 | 98 | 12437097 | 500.0 | 443.4 | |
| 117 1,3-Dichlorobenzene | 146 | 11.019 | 11.019 | 0.000 | 94 | 6070585 | 500.0 | 447.3 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.076 | 11.069 | 0.007 | 94 | 263449 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.091 | 11.091 | 0.000 | 93 | 6111454 | 500.0 | 445.1 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.105 | 11.098 | 0.007 | 99 | 11129826 | 500.0 | 429.8 | |
| 121 Benzyl chloride | 126 | 11.198 | 11.191 | 0.007 | 99 | 1190512 | 500.0 | 499.5 | |
| 122 2,3-Dihydroindene | 117 | 11.248 | 11.248 | 0.000 | 94 | 11503263 | 500.0 | 465.3 | |
| 123 p-Diethylbenzene | 119 | 11.284 | 11.277 | 0.007 | 92 | 8411220 | 500.0 | 441.3 | |
| 124 n-Butylbenzene | 92 | 11.298 | 11.298 | 0.000 | 97 | 7156769 | 500.0 | 446.1 | |
| 125 1,2-Dichlorobenzene | 146 | 11.370 | 11.363 | 0.007 | 95 | 5918918 | 500.0 | 477.6 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.893 | 11.893 | 0.000 | 97 | 11467998 | 500.0 | 479.3 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 12.000 | 12.000 | 0.000 | 98 | 592268 | 500.0 | 516.0 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.129 | 12.129 | 0.000 | 97 | 4931857 | 500.0 | 489.9 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.745 | 12.738 | 0.007 | 95 | 4071537 | 500.0 | 488.9 | |
| 130 Hexachlorobutadiene | 225 | 12.853 | 12.853 | 0.000 | 94 | 2594774 | 500.0 | 519.7 | |
| 131 Naphthalene | 128 | 13.025 | 13.025 | 0.000 | 99 | 8206625 | 500.0 | 487.4 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.304 | 13.304 | 0.000 | 95 | 3627248 | 500.0 | 498.3 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 948.7 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 1000.0 | 1013.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 974.7 | |
| S 136 Total BTEX | 1 | | | | 0 | | 2500.0 | 2366.6 | |

## QC Flag Legend

Processing Flags
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00457 | Amount Added: | 5.00 | Units: uL | |
| Ethanol mix_00083 | Amount Added: | 5.00 | Units: uL | |
| 7 Freons Hi_00002 | Amount Added: | 5.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 6.00 | Units: uL | |
| MIX 2 Hi_00142 | Amount Added: | 5.00 | Units: uL | |
| MIX I Hi_00170 | Amount Added: | 5.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 13-Dec-2023 13:32:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10358.D

Injection Date: 07-Dec-2023 07:15:30 Instrument ID: CVOAMS4 Operator ID:

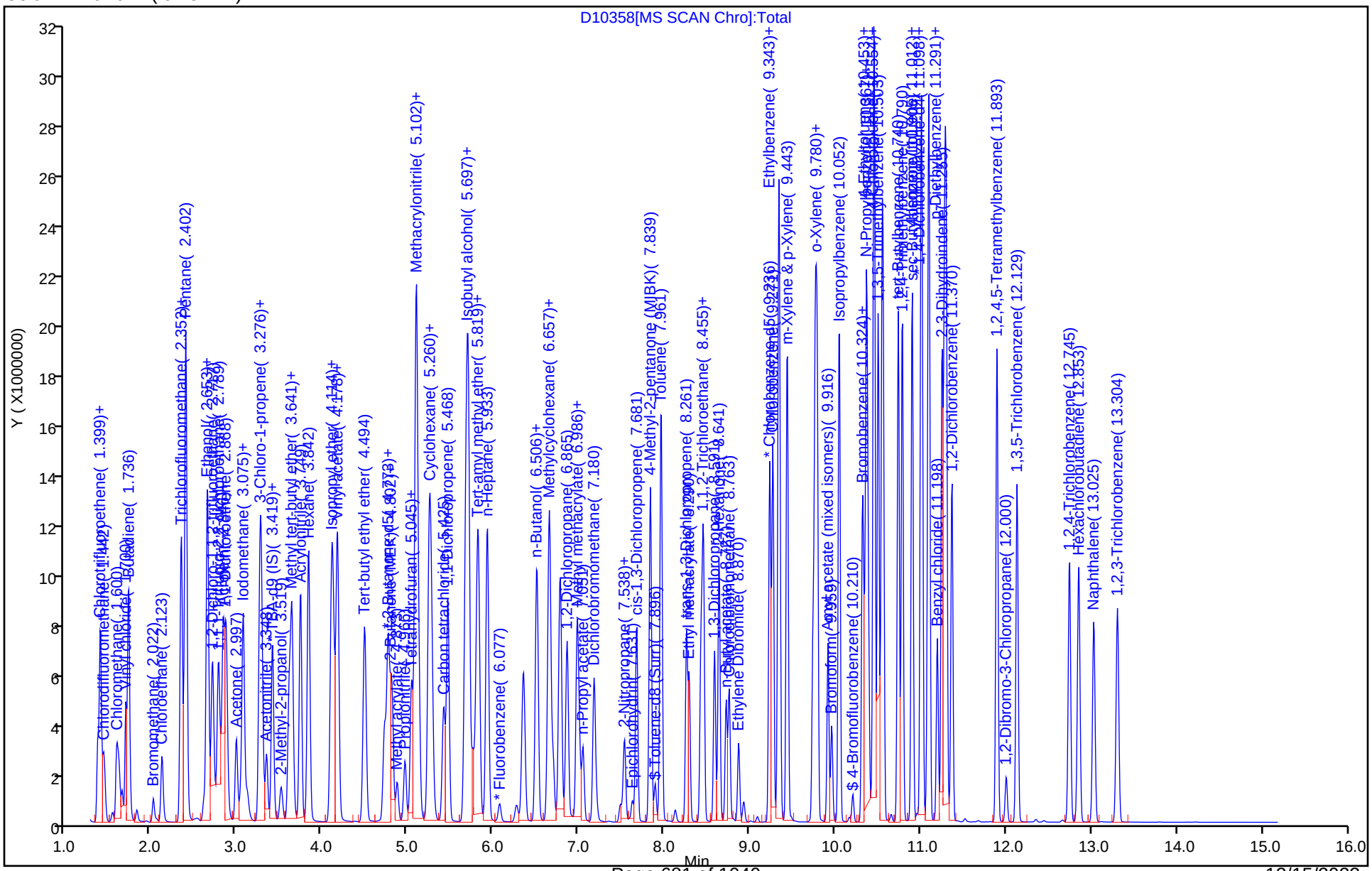
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

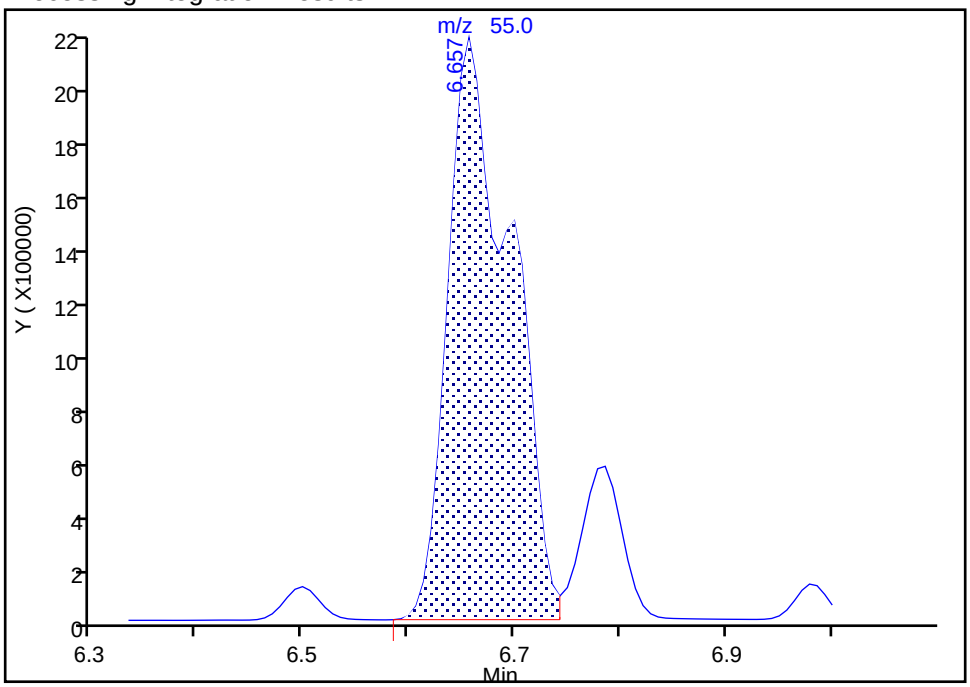
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10358.D
Injection Date: 07-Dec-2023 07:15:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

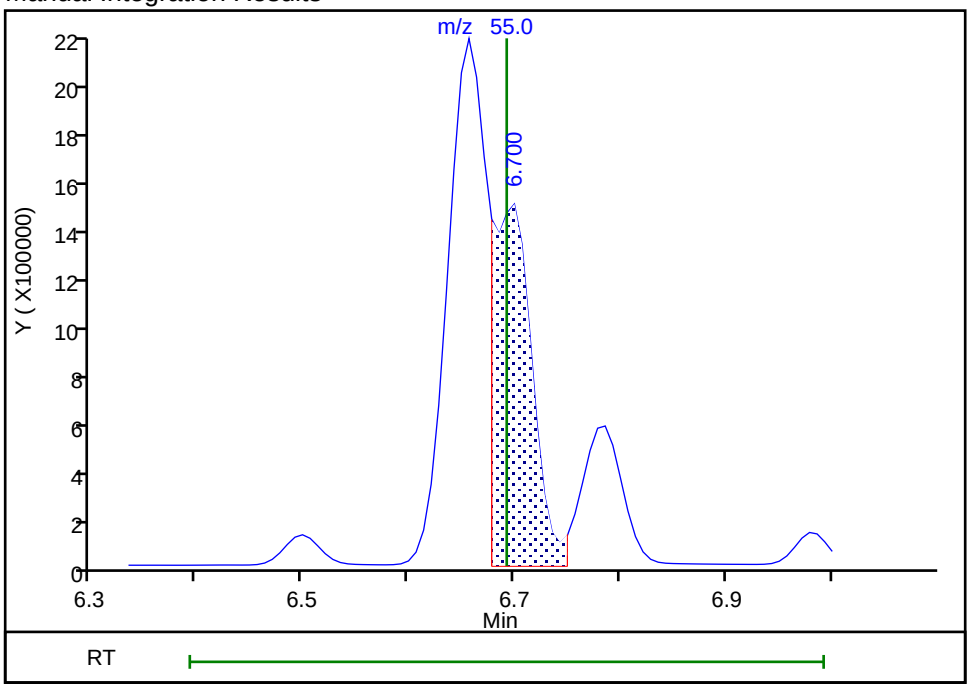
Processing Integration Results

RT: 6.66
Area: 8797233
Amount: 499.7524
Amount Units: ug/l




Manual Integration Results

RT: 6.70
Area: 3872772
Amount: 590.5343
Amount Units: ug/l




Reviewer: NN6A, 13-Dec-2023 13:26:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10366.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Dec-2023 10:20:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0169812-016
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:32:24 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 07-Dec-2023 10:53:41

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.370 | 1.370 | 0.000 | 84 | 1072 | 1.00 | 0.4261 | |
| 2 Dichlorodifluoromethane | 85 | 1.406 | 1.406 | 0.000 | 97 | 6448 | 1.00 | 0.8564 | |
| 3 Chlorodifluoromethane | 51 | 1.449 | 1.442 | 0.007 | 97 | 60074 | 1.00 | 2.80 | |
| 4 Chloromethane | 50 | 1.621 | 1.614 | 0.007 | 99 | 7207 | 1.00 | 0.9596 | |
| 5 Vinyl chloride | 62 | 1.707 | 1.700 | 0.007 | 98 | 5988 | 1.00 | 0.8748 | |
| 6 Butadiene | 54 | 1.728 | 1.729 | -0.001 | 97 | 5611 | 1.00 | 0.8645 | |
| 7 Bromomethane | 94 | 2.036 | 2.029 | 0.007 | 99 | 4616 | 1.00 | 1.28 | |
| 8 Chloroethane | 64 | 2.137 | 2.137 | 0.000 | 99 | 3503 | 1.00 | 0.9441 | |
| 10 Dichlorofluoromethane | 67 | 2.352 | 2.352 | 0.000 | 97 | 9851 | 1.00 | 0.9234 | |
| 9 Trichlorofluoromethane | 101 | 2.352 | 2.352 | 0.000 | 96 | 7023 | 1.00 | 0.8769 | |
| 11 Pentane | 72 | 2.402 | 2.402 | 0.000 | 95 | 1732 | 2.00 | 1.62 | |
| 12 Ethanol | 46 | 2.610 | 2.602 | 0.008 | 94 | 906 | 40.0 | 43.2 | a |
| 13 Ethyl ether | 59 | 2.645 | 2.638 | 0.007 | 95 | 4315 | 1.00 | 1.15 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.653 | 2.653 | 0.000 | 95 | 4551 | 1.00 | 0.8573 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.710 | 2.710 | 0.000 | 90 | 3704 | 1.00 | 0.8749 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.781 | 2.774 | 0.007 | 96 | 6719 | 1.00 | 0.8674 | |
| 18 Acrolein | 56 | 2.846 | 2.839 | 0.007 | 97 | 56211 | 100.0 | 75.5 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.839 | 2.839 | 0.000 | 91 | 4392 | 1.00 | 0.8303 | |
| 19 1,1-Dichloroethene | 96 | 2.875 | 2.867 | 0.008 | 95 | 4226 | 1.00 | 0.8797 | |
| 20 Acetone | 43 | 2.996 | 2.989 | 0.007 | 86 | 7120 | 5.00 | 5.24 | |
| 21 Iodomethane | 142 | 3.054 | 3.047 | 0.007 | 99 | 15212 | 1.00 | 2.42 | |
| 22 Carbon disulfide | 76 | 3.075 | 3.075 | 0.000 | 99 | 15689 | 1.00 | 0.8719 | |
| 23 Isopropyl alcohol | 45 | 3.118 | 3.111 | 0.007 | 96 | 2405 | 10.0 | 9.67 | |
| 24 3-Chloro-1-propene | 76 | 3.261 | 3.261 | 0.000 | 70 | 577 | 1.00 | 0.2981 | |
| 25 Cyclopentene | 67 | 3.276 | 3.276 | 0.000 | 97 | 10253 | 1.00 | 0.8719 | a |
| 26 Methyl acetate | 43 | 3.290 | 3.290 | 0.000 | 100 | 4286 | 2.00 | 1.93 | |
| 27 Acetonitrile | 40 | 3.347 | 3.347 | 0.000 | 99 | 2426 | 10.0 | 9.87 | |
| 28 Methylene Chloride | 84 | 3.419 | 3.419 | 0.000 | 98 | 5515 | 1.00 | 1.06 | |
| * 29 TBA-d9 (IS) | 65 | 3.426 | 3.419 | 0.007 | 0 | 172575 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.512 | 3.505 | 0.007 | 98 | 3505 | 10.0 | 10.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.612 | 3.612 | 0.000 | 98 | 10779 | 1.00 | 0.9700 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 97 | 4716 | 1.00 | 0.9008 | |
| 33 Acrylonitrile | 53 | 3.741 | 3.734 | 0.007 | 91 | 11599 | 10.0 | 9.62 | |
| 34 Hexane | 57 | 3.834 | 3.834 | 0.000 | 94 | 7907 | 1.00 | 0.8781 | |
| 35 Isopropyl ether | 45 | 4.107 | 4.107 | 0.000 | 99 | 14295 | 1.00 | 0.9155 | |
| 36 1,1-Dichloroethane | 63 | 4.128 | 4.128 | 0.000 | 99 | 7955 | 1.00 | 0.8804 | |
| 37 Vinyl acetate | 86 | 4.164 | 4.164 | 0.000 | 100 | 984 | 2.00 | 1.67 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.178 | 4.178 | 0.000 | 93 | 3812 | 1.00 | 0.8226 | |
| 39 Tert-butyl ethyl ether | 59 | 4.493 | 4.493 | 0.000 | 89 | 11691 | 1.00 | 0.8822 | |
| 40 2,2-Dichloropropane | 79 | 4.723 | 4.723 | 0.000 | 84 | 2044 | 1.00 | 1.09 | |
| * 41 2-Butanone-d5 | 46 | 4.730 | 4.730 | 0.000 | 90 | 144683 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.766 | 4.766 | 0.000 | 77 | 4926 | 1.00 | 0.9347 | |
| 43 2-Butanone (MEK) | 72 | 4.801 | 4.794 | 0.007 | 98 | 2864 | 5.00 | 6.50 | |
| 44 Ethyl acetate | 70 | 4.816 | 4.816 | 0.000 | 96 | 658 | 2.00 | 1.76 | |
| 45 Methyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 98 | 3378 | 1.00 | 1.02 | |
| 46 Propionitrile | 54 | 4.966 | 4.959 | 0.007 | 96 | 4430 | 10.0 | 9.34 | |
| 47 Tetrahydrofuran | 72 | 5.038 | 5.031 | 0.007 | 75 | 897 | 2.00 | 2.09 | |
| 48 Chlorobromomethane | 128 | 5.038 | 5.038 | 0.000 | 87 | 1662 | 1.00 | 0.9237 | |
| 49 Methacrylonitrile | 67 | 5.088 | 5.081 | 0.007 | 92 | 13539 | 10.0 | 9.36 | |
| 50 Chloroform | 83 | 5.117 | 5.117 | 0.000 | 98 | 7932 | 1.00 | 0.9362 | |
| 51 Cyclohexane | 84 | 5.246 | 5.246 | 0.000 | 92 | 6595 | 1.00 | 0.8402 | |
| 52 1,1,1-Trichloroethane | 97 | 5.274 | 5.274 | 0.000 | 97 | 6372 | 1.00 | 0.8654 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.310 | 5.303 | 0.007 | 96 | 210974 | 50.0 | 53.1 | |
| 54 Carbon tetrachloride | 117 | 5.417 | 5.418 | -0.001 | 98 | 5183 | 1.00 | 0.9074 | |
| 55 1,1-Dichloropropene | 75 | 5.468 | 5.468 | 0.000 | 96 | 6329 | 1.00 | 0.8437 | |
| 56 Isobutyl alcohol | 43 | 5.675 | 5.668 | 0.007 | 47 | 6325 | 25.0 | 21.2 | |
| 57 Benzene | 78 | 5.704 | 5.704 | 0.000 | 95 | 18267 | 1.00 | 0.9325 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.733 | 5.733 | 0.000 | 97 | 217126 | 50.0 | 51.5 | |
| 59 Tert-amyl methyl ether | 87 | 5.811 | 5.811 | 0.000 | 92 | 2994 | 1.00 | 0.8791 | |
| 60 Isopropyl acetate | 61 | 5.826 | 5.819 | 0.007 | 98 | 1769 | 1.00 | 0.8896 | |
| 61 1,2-Dichloroethane | 62 | 5.826 | 5.826 | 0.000 | 97 | 5848 | 1.00 | 1.07 | |
| 62 n-Heptane | 43 | 5.926 | 5.926 | 0.000 | 93 | 7625 | 1.00 | 0.8436 | |
| * 63 Fluorobenzene | 96 | 6.076 | 6.069 | 0.007 | 98 | 512884 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.506 | 6.492 | 0.014 | 41 | 2058 | 25.0 | 22.0 | |
| 65 Trichloroethene | 95 | 6.506 | 6.506 | 0.000 | 97 | 4526 | 1.00 | 0.8654 | |
| 66 Methylcyclohexane | 83 | 6.657 | 6.650 | 0.007 | 92 | 7338 | 1.00 | 0.7921 | |
| 67 Ethyl acrylate | 55 | 6.692 | 6.693 | -0.001 | 98 | 4131 | 1.00 | 0.9178 | a |
| 68 1,2-Dichloropropane | 63 | 6.864 | 6.857 | 0.007 | 86 | 4427 | 1.00 | 0.8987 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.929 | 6.929 | 0.000 | 0 | 17257 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.979 | 6.979 | 0.000 | 91 | 1483 | 2.00 | 1.68 | |
| 71 1,4-Dioxane | 88 | 6.993 | 6.993 | 0.000 | 41 | 886 | 20.0 | 22.5 | |
| 72 Dibromomethane | 93 | 7.000 | 7.001 | -0.001 | 96 | 2186 | 1.00 | 0.9705 | |
| 73 n-Propyl acetate | 43 | 7.051 | 7.044 | 0.007 | 99 | 4472 | 1.00 | 0.9167 | |
| 74 Dichlorobromomethane | 83 | 7.180 | 7.172 | 0.008 | 98 | 4884 | 1.00 | 0.8641 | |
| 75 2-Nitropropane | 41 | 7.523 | 7.523 | 0.000 | 77 | 1868 | 2.00 | 2.49 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.538 | 7.538 | 0.000 | 85 | 1693 | 1.00 | 0.8483 | |
| 77 Epichlorohydrin | 57 | 7.631 | 7.624 | 0.007 | 95 | 1240 | 20.0 | 13.7 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.674 | 7.674 | 0.000 | 94 | 5750 | 1.00 | 0.8244 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.839 | 7.831 | 0.008 | 97 | 12767 | 5.00 | 4.22 | a |
| $ 80 Toluene-d8 (Surr) | 98 | 7.896 | 7.896 | 0.000 | 99 | 787805 | 50.0 | 52.8 | |
| 81 Toluene | 91 | 7.960 | 7.960 | 0.000 | 93 | 19103 | 1.00 | 0.9686 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.261 | 8.261 | 0.000 | 95 | 5048 | 1.00 | 0.8662 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.290 | 8.290 | 0.000 | 69 | 3325 | 1.00 | 0.7778 | |
| 84 1,1,2-Trichloroethane | 83 | 8.426 | 8.426 | 0.000 | 95 | 2613 | 1.00 | 0.9112 | |
| 85 Tetrachloroethene | 166 | 8.455 | 8.455 | 0.000 | 93 | 4007 | 1.00 | 0.8314 | |
| 86 1,3-Dichloropropane | 76 | 8.591 | 8.591 | 0.000 | 93 | 5463 | 1.00 | 0.9432 | |
| 87 2-Hexanone | 43 | 8.641 | 8.641 | 0.000 | 97 | 9053 | 5.00 | 4.17 | |
| 88 n-Butyl acetate | 73 | 8.727 | 8.727 | 0.000 | 98 | 666 | 1.00 | 0.7872 | |
| 89 Chlorodibromomethane | 129 | 8.755 | 8.755 | 0.000 | 97 | 3014 | 1.00 | 0.8161 | |
| 90 Ethylene Dibromide | 107 | 8.870 | 8.870 | 0.000 | 97 | 2826 | 1.00 | 0.9043 | |
| * 91 Chlorobenzene-d5 | 117 | 9.250 | 9.243 | 0.007 | 88 | 327640 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.271 | 9.271 | 0.000 | 97 | 10969 | 1.00 | 0.9404 | |
| 93 Ethylbenzene | 106 | 9.336 | 9.336 | 0.000 | 99 | 5723 | 1.00 | 0.8766 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.350 | 9.350 | 0.000 | 93 | 3325 | 1.00 | 0.8775 | |
| 95 m-Xylene & p-Xylene | 106 | 9.436 | 9.436 | 0.000 | 0 | 6600 | 1.00 | 0.8264 | |
| 96 n-Butyl acrylate | 73 | 9.744 | 9.737 | 0.007 | 96 | 1742 | 1.00 | 0.7656 | |
| 97 o-Xylene | 106 | 9.765 | 9.765 | 0.000 | 94 | 6617 | 1.00 | 0.8789 | |
| 98 Styrene | 104 | 9.787 | 9.787 | 0.000 | 96 | 10053 | 1.00 | 0.8374 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.916 | 9.916 | 0.000 | 91 | 4237 | 1.00 | 0.8167 | |
| 100 Bromoform | 173 | 9.959 | 9.959 | 0.000 | 95 | 1986 | 1.00 | 0.8711 | |
| 101 Isopropylbenzene | 105 | 10.045 | 10.045 | 0.000 | 96 | 17247 | 1.00 | 0.8584 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.210 | 10.210 | 0.000 | 0 | 210508 | 50.0 | 53.6 | |
| 103 Bromobenzene | 156 | 10.324 | 10.317 | 0.007 | 97 | 4081 | 1.00 | 0.9361 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.338 | 10.339 | 0.000 | 97 | 3442 | 1.00 | 0.9184 | |
| 105 N-Propylbenzene | 91 | 10.367 | 10.367 | 0.000 | 99 | 22049 | 1.00 | 0.9131 | |
| 106 1,2,3-Trichloropropane | 110 | 10.381 | 10.381 | 0.000 | 95 | 878 | 1.00 | 0.8700 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.389 | 10.389 | 0.000 | 77 | 1081 | 1.00 | 0.9263 | |
| 108 4-Ethyltoluene | 105 | 10.453 | 10.453 | 0.000 | 98 | 17177 | 1.00 | 0.8831 | |
| 109 2-Chlorotoluene | 91 | 10.453 | 10.453 | 0.000 | 95 | 15089 | 1.00 | 0.9423 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.503 | 10.503 | 0.000 | 93 | 14701 | 1.00 | 0.8839 | |
| 111 4-Chlorotoluene | 91 | 10.546 | 10.546 | 0.000 | 98 | 13257 | 1.00 | 0.9153 | |
| 112 Butyl Methacrylate | 87 | 10.561 | 10.561 | -0.001 | 91 | 3250 | 1.00 | 0.7512 | |
| 113 tert-Butylbenzene | 119 | 10.740 | 10.740 | 0.000 | 93 | 12974 | 1.00 | 0.9060 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.783 | 10.783 | 0.000 | 96 | 14391 | 1.00 | 0.8854 | |
| 115 sec-Butylbenzene | 105 | 10.897 | 10.897 | 0.000 | 99 | 19273 | 1.00 | 0.8818 | |
| 116 4-Isopropyltoluene | 119 | 11.005 | 11.005 | 0.000 | 98 | 15448 | 1.00 | 0.8693 | |
| 117 1,3-Dichlorobenzene | 146 | 11.019 | 11.019 | 0.000 | 95 | 8035 | 1.00 | 0.9345 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.069 | 11.069 | 0.000 | 97 | 166896 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.091 | 11.091 | 0.000 | 93 | 8450 | 1.00 | 0.9714 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.098 | 11.098 | 0.000 | 98 | 14927 | 1.00 | 0.9100 | a |
| 121 Benzyl chloride | 126 | 11.198 | 11.191 | 0.007 | 97 | 822 | 1.00 | 0.4668 | |
| 122 2,3-Dihydroindene | 117 | 11.248 | 11.248 | 0.000 | 93 | 14520 | 1.00 | 0.8558 | |
| 123 p-Diethylbenzene | 119 | 11.277 | 11.277 | 0.000 | 93 | 10611 | 1.00 | 0.8788 | |
| 124 n-Butylbenzene | 92 | 11.298 | 11.298 | 0.000 | 96 | 8525 | 1.00 | 0.8389 | |
| 125 1,2-Dichlorobenzene | 146 | 11.370 | 11.363 | 0.007 | 94 | 7348 | 1.00 | 0.9359 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.893 | 11.893 | 0.000 | 97 | 12970 | 1.00 | 0.8557 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 12.000 | 12.000 | 0.000 | 89 | 608 | 1.00 | 0.8361 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.129 | 12.129 | 0.000 | 95 | 5903 | 1.00 | 0.9255 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.745 | 12.738 | 0.007 | 93 | 5478 | 1.00 | 1.04 | |
| 130 Hexachlorobutadiene | 225 | 12.853 | 12.853 | 0.000 | 89 | 2805 | 1.00 | 0.8867 | |
| 131 Naphthalene | 128 | 13.025 | 13.025 | 0.000 | 99 | 10832 | 1.00 | 1.02 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.304 | 13.304 | 0.000 | 94 | 4594 | 1.00 | 1.00 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 1.84 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 2.00 | 1.69 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 2.00 | 1.71 | |
| S 136 Total BTEX | 1 | | | | 0 | | 5.00 | 4.48 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: 1.00 | Units: uL | | |
| ACROLEIN W_00162 | Amount Added: 10.00 | Units: uL | | |
| 524FREONS_00002 | Amount Added: 1.00 | Units: uL | | |
| GASES Li_00560 | Amount Added: 1.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00242 | Amount Added: 1.00 | Units: uL | Run Reagent | |

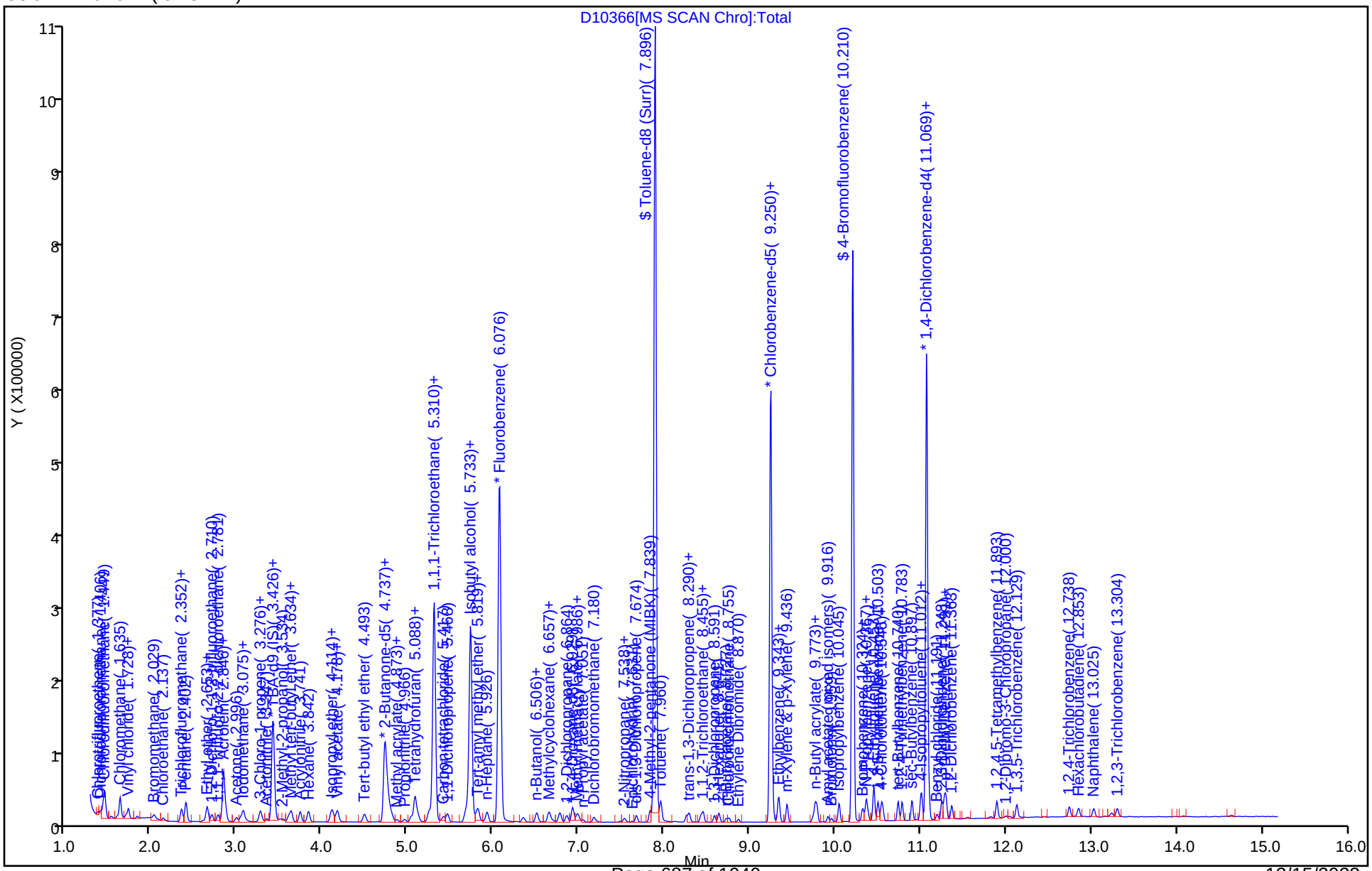
Report Date: 13-Dec-2023 13:32:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10366.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Dec-2023 10:20:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | STD1 | | | Worklist Smp#: | 16 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 15 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

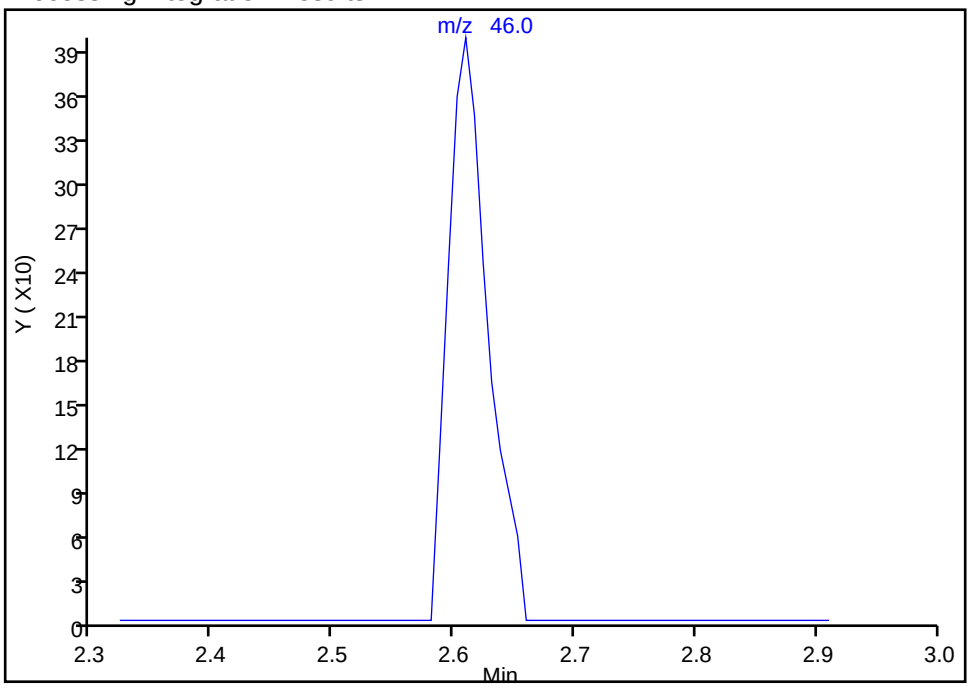
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10366.D
Injection Date: 07-Dec-2023 10:20:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 Ethanol, CAS: 64-17-5

Signal: 1

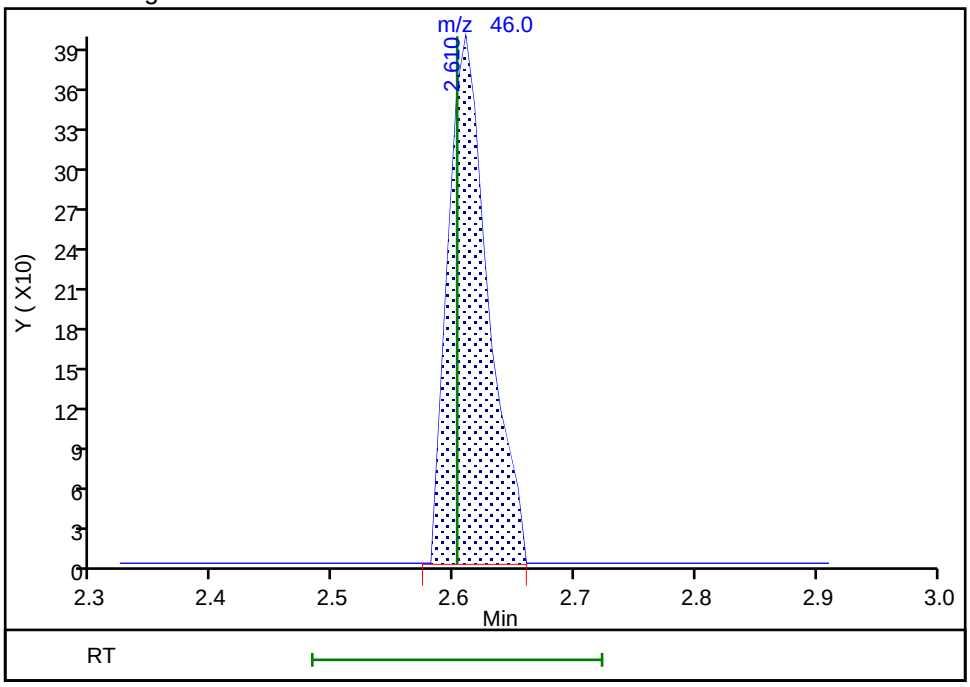
Not Detected
Expected RT: 2.60

Processing Integration Results




Manual Integration Results

RT: 2.61
Area: 906
Amount: 43.195324
Amount Units: ug/l




Reviewer: N1JZ, 07-Dec-2023 10:52:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

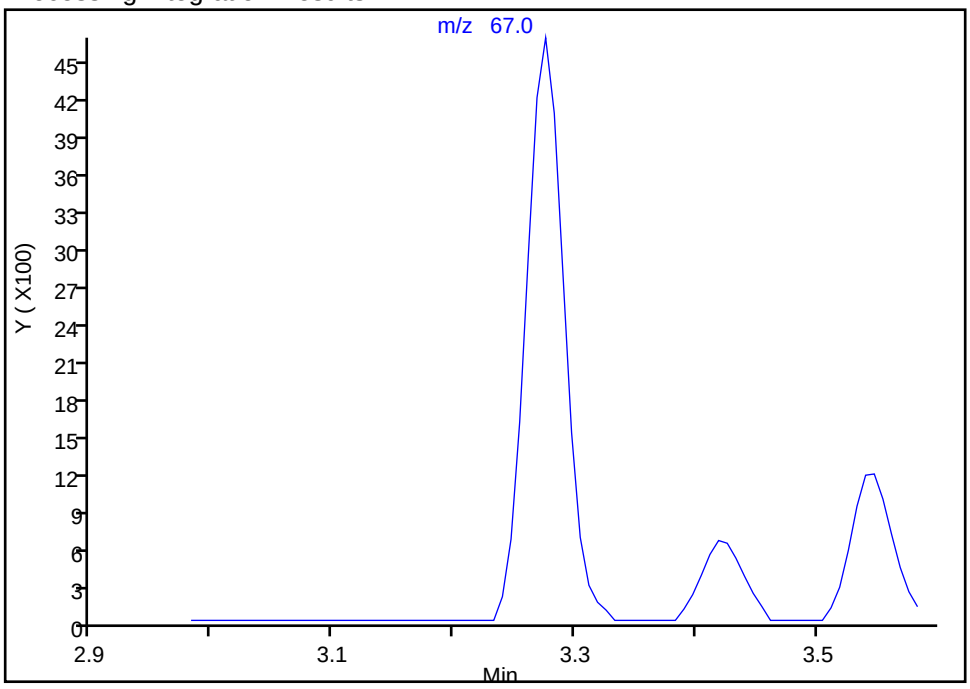
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10366.D
Injection Date: 07-Dec-2023 10:20:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 25 Cyclopentene, CAS: 142-29-0

Signal: 1

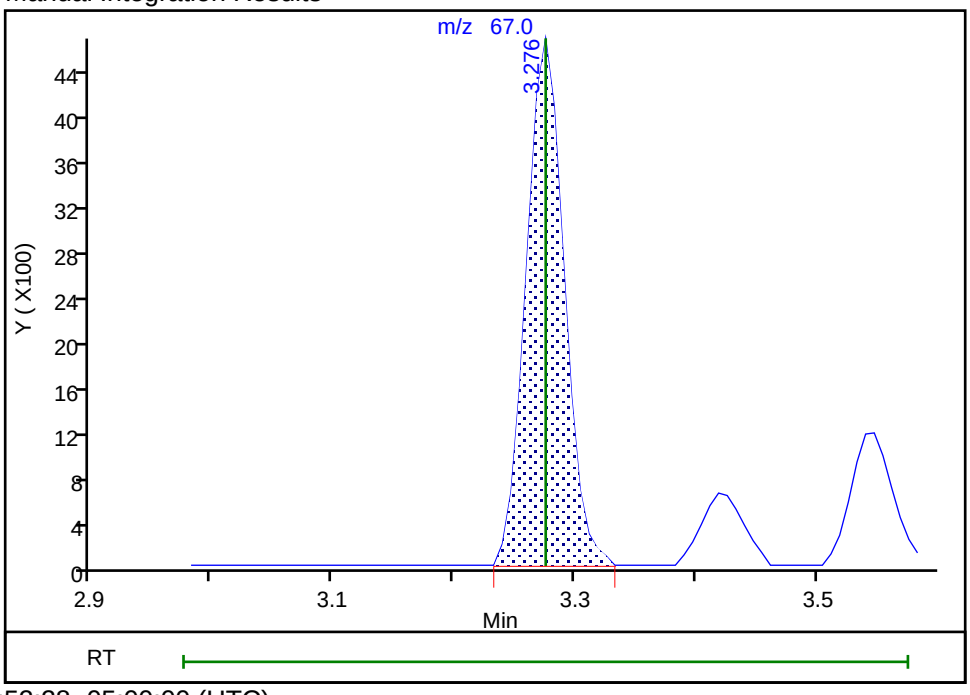
Not Detected
Expected RT: 3.28

Processing Integration Results




Manual Integration Results

RT: 3.28
Area: 10253
Amount: 0.871940
Amount Units: ug/l




Reviewer: N1JZ, 07-Dec-2023 10:52:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

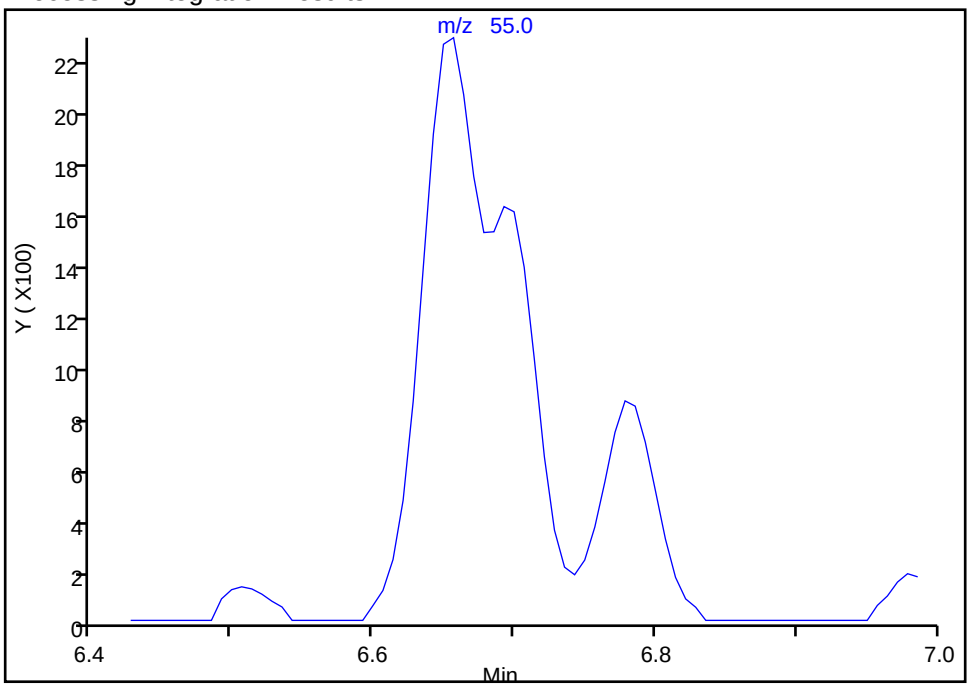
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10366.D
Injection Date: 07-Dec-2023 10:20:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

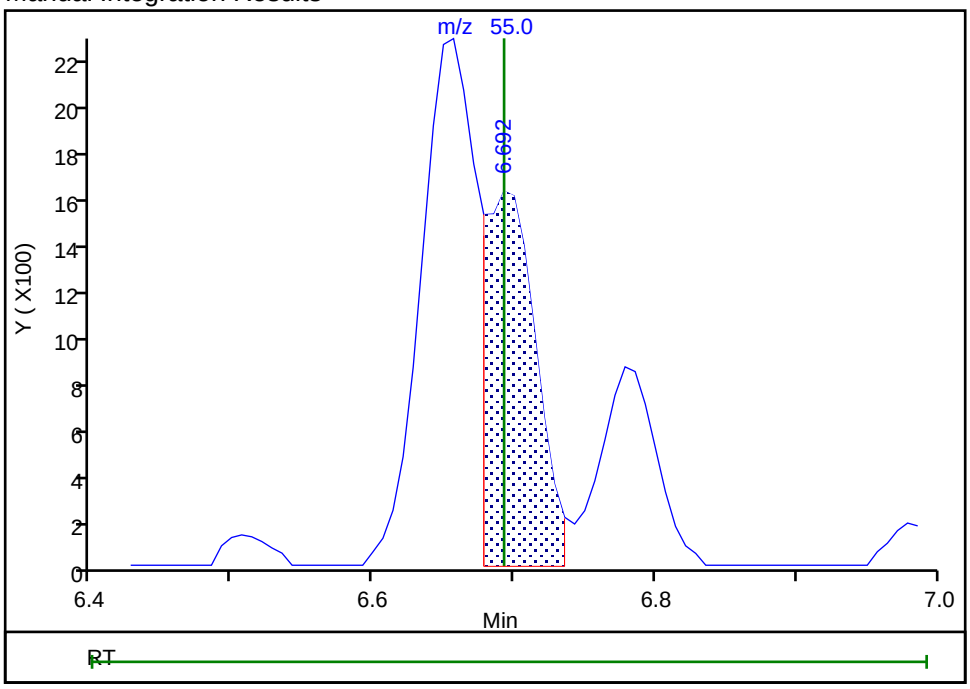
Not Detected
Expected RT: 6.69

Processing Integration Results




Manual Integration Results

RT: 6.69
Area: 4131
Amount: 0.917844
Amount Units: ug/l




Reviewer: NN6A, 13-Dec-2023 13:27:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

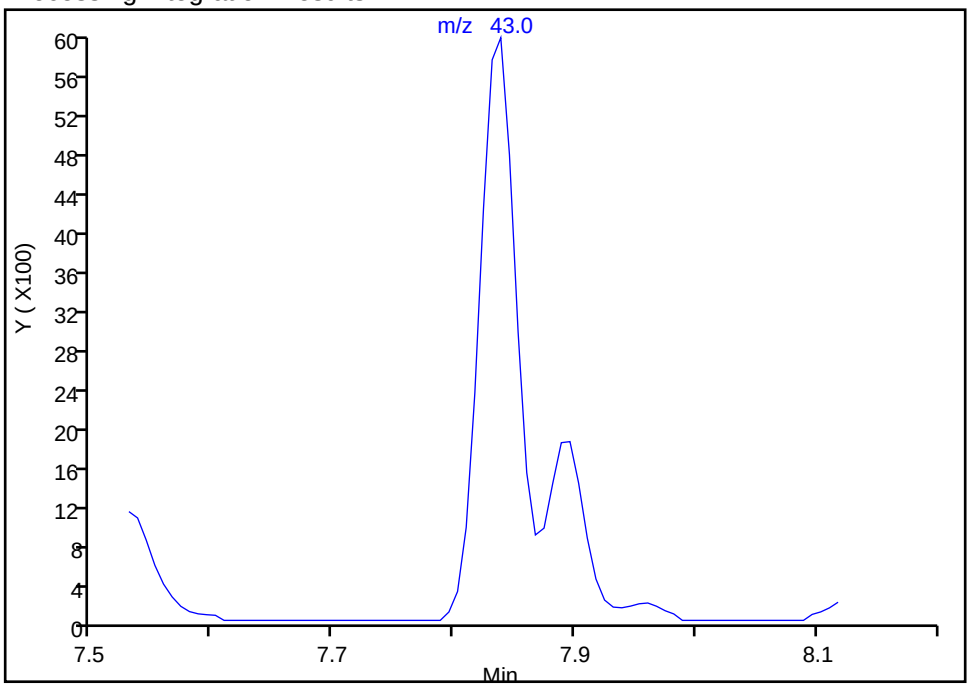
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10366.D
Injection Date: 07-Dec-2023 10:20:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 79 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

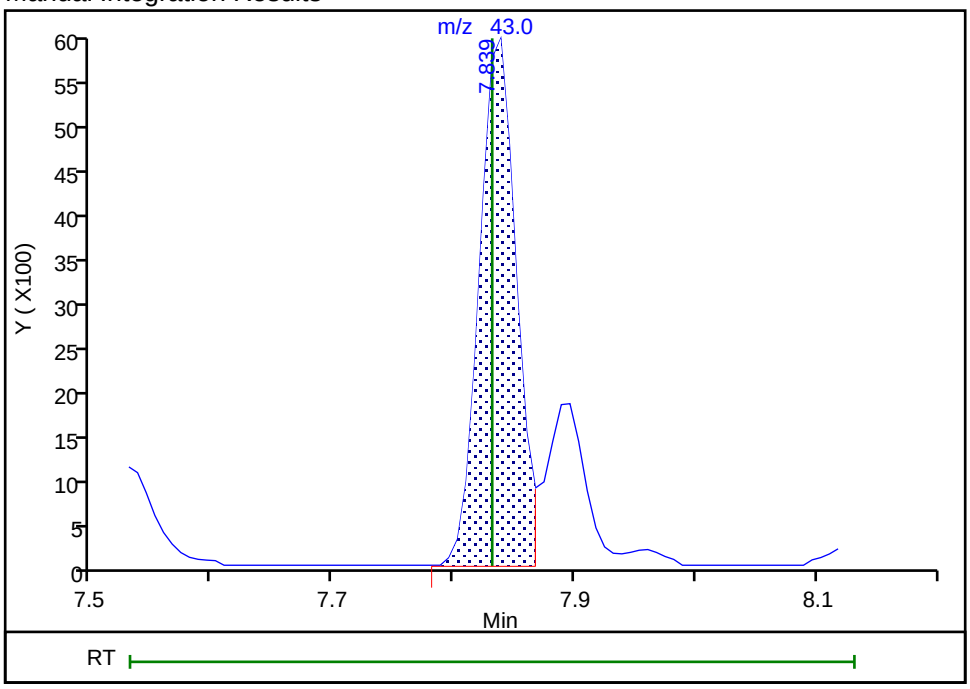
Not Detected
Expected RT: 7.83

Processing Integration Results




Manual Integration Results

RT: 7.84
Area: 12767
Amount: 4.220299
Amount Units: ug/l




Reviewer: N1JZ, 07-Dec-2023 10:53:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

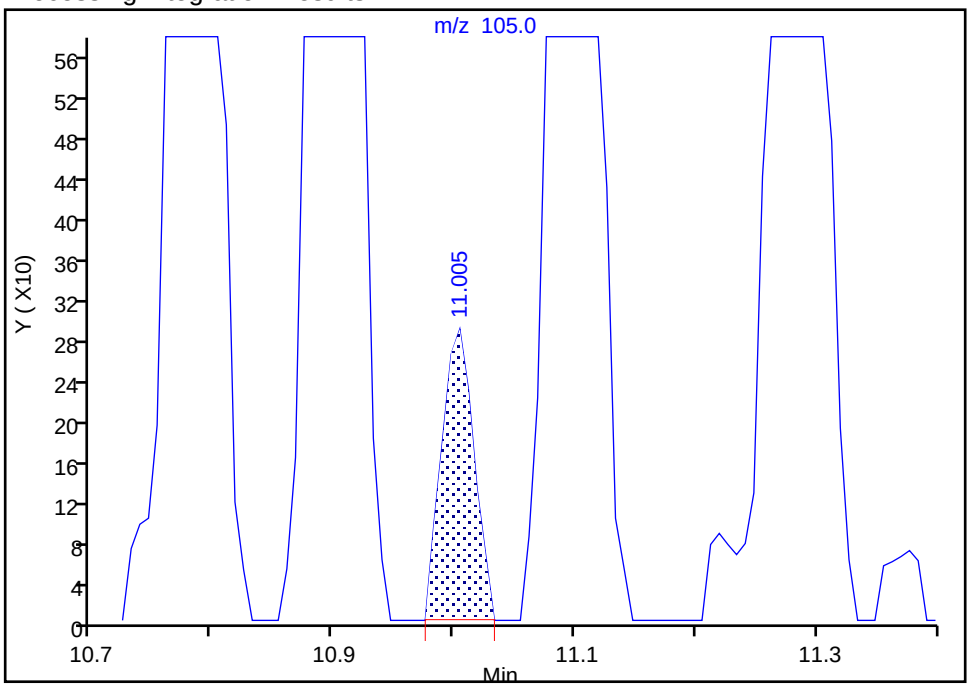
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10366.D
Injection Date: 07-Dec-2023 10:20:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 120 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

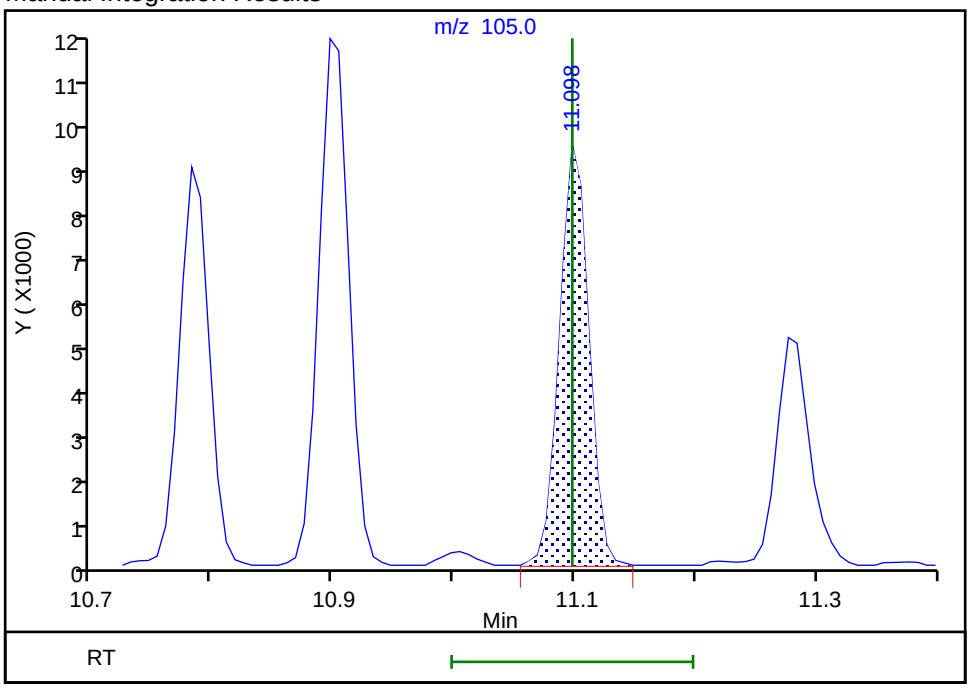
Processing Integration Results

RT: 11.00
Area: 535
Amount: 0.025858
Amount Units: ug/l




Manual Integration Results

RT: 11.10
Area: 14927
Amount: 0.909968
Amount Units: ug/l




Reviewer: N1JZ, 07-Dec-2023 10:53:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10367.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Dec-2023 10:43:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0169812-017
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:32:30 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 07-Dec-2023 11:02:22

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.371 | 1.370 | 0.001 | 92 | 7670 | 5.00 | 2.82 | |
| 2 Dichlorodifluoromethane | 85 | 1.406 | 1.406 | 0.000 | 98 | 31696 | 5.00 | 3.89 | |
| 3 Chlorodifluoromethane | 51 | 1.449 | 1.442 | 0.007 | 97 | 91452 | 5.00 | 5.51 | |
| 4 Chloromethane | 50 | 1.614 | 1.614 | 0.000 | 99 | 33245 | 5.00 | 4.09 | |
| 5 Vinyl chloride | 62 | 1.707 | 1.700 | 0.007 | 98 | 33714 | 5.00 | 4.55 | |
| 6 Butadiene | 54 | 1.736 | 1.729 | 0.007 | 98 | 30379 | 5.00 | 4.33 | |
| 7 Bromomethane | 94 | 2.037 | 2.029 | 0.008 | 98 | 16692 | 5.00 | 4.28 | |
| 8 Chloroethane | 64 | 2.137 | 2.137 | 0.000 | 99 | 18632 | 5.00 | 4.64 | |
| 10 Dichlorofluoromethane | 67 | 2.352 | 2.352 | 0.000 | 98 | 54481 | 5.00 | 4.72 | |
| 9 Trichlorofluoromethane | 101 | 2.352 | 2.352 | 0.000 | 98 | 38202 | 5.00 | 4.41 | |
| 11 Pentane | 72 | 2.402 | 2.402 | 0.000 | 95 | 10299 | 10.0 | 8.90 | |
| 12 Ethanol | 46 | 2.610 | 2.602 | 0.008 | 96 | 4502 | 200.0 | 204.5 | a |
| 13 Ethyl ether | 59 | 2.646 | 2.638 | 0.008 | 94 | 20390 | 5.00 | 5.04 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.660 | 2.653 | 0.007 | 98 | 25765 | 5.00 | 4.48 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.710 | 2.710 | 0.000 | 89 | 21984 | 5.00 | 4.80 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.782 | 2.774 | 0.008 | 97 | 38898 | 5.00 | 4.64 | |
| 18 Acrolein | 56 | 2.846 | 2.839 | 0.007 | 96 | 126977 | 200.0 | 157.6 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.839 | 2.839 | 0.000 | 90 | 25979 | 5.00 | 4.54 | |
| 19 1,1-Dichloroethene | 96 | 2.875 | 2.867 | 0.008 | 96 | 23833 | 5.00 | 4.58 | |
| 20 Acetone | 43 | 2.997 | 2.989 | 0.008 | 87 | 32989 | 25.0 | 24.8 | |
| 21 Iodomethane | 142 | 3.047 | 3.047 | 0.000 | 99 | 49091 | 5.00 | 7.26 | |
| 22 Carbon disulfide | 76 | 3.075 | 3.075 | 0.000 | 100 | 87411 | 5.00 | 4.49 | |
| 23 Isopropyl alcohol | 45 | 3.118 | 3.111 | 0.007 | 98 | 12869 | 50.0 | 49.3 | |
| 24 3-Chloro-1-propene | 76 | 3.262 | 3.261 | 0.001 | 92 | 3593 | 5.00 | 1.71 | |
| 25 Cyclopentene | 67 | 3.276 | 3.276 | 0.000 | 96 | 55641 | 5.00 | 4.37 | |
| 26 Methyl acetate | 43 | 3.290 | 3.290 | 0.000 | 99 | 21459 | 10.0 | 8.93 | |
| 27 Acetonitrile | 40 | 3.348 | 3.347 | 0.001 | 99 | 12117 | 50.0 | 45.6 | |
| 28 Methylene Chloride | 84 | 3.419 | 3.419 | 0.000 | 96 | 26951 | 5.00 | 4.81 | |
| * 29 TBA-d9 (IS) | 65 | 3.426 | 3.419 | 0.007 | 0 | 181141 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.512 | 3.505 | 0.007 | 99 | 17414 | 50.0 | 50.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.613 | 3.612 | 0.001 | 98 | 62484 | 5.00 | 5.20 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 97 | 26767 | 5.00 | 4.72 | |
| 33 Acrylonitrile | 53 | 3.742 | 3.734 | 0.008 | 94 | 63747 | 50.0 | 50.4 | |
| 34 Hexane | 57 | 3.842 | 3.834 | 0.008 | 93 | 41819 | 5.00 | 4.29 | |
| 35 Isopropyl ether | 45 | 4.107 | 4.107 | 0.000 | 98 | 82510 | 5.00 | 4.88 | |
| 36 1,1-Dichloroethane | 63 | 4.128 | 4.128 | 0.000 | 99 | 46094 | 5.00 | 4.71 | |
| 37 Vinyl acetate | 86 | 4.164 | 4.164 | 0.000 | 99 | 5763 | 10.0 | 9.02 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.179 | 4.178 | 0.001 | 91 | 22678 | 5.00 | 4.52 | |
| 39 Tert-butyl ethyl ether | 59 | 4.494 | 4.493 | 0.001 | 88 | 71147 | 5.00 | 4.96 | |
| 40 2,2-Dichloropropane | 79 | 4.723 | 4.723 | 0.000 | 91 | 10613 | 5.00 | 5.22 | |
| * 41 2-Butanone-d5 | 46 | 4.730 | 4.730 | 0.000 | 93 | 141826 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.766 | 4.766 | 0.000 | 98 | 28088 | 5.00 | 4.92 | |
| 43 2-Butanone (MEK) | 72 | 4.802 | 4.794 | 0.008 | 98 | 10984 | 25.0 | 25.4 | |
| 44 Ethyl acetate | 70 | 4.816 | 4.816 | 0.000 | 98 | 3660 | 10.0 | 9.97 | |
| 45 Methyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 100 | 18497 | 5.00 | 5.16 | |
| 46 Propionitrile | 54 | 4.959 | 4.959 | 0.000 | 98 | 24272 | 50.0 | 52.2 | |
| 47 Tetrahydrofuran | 72 | 5.038 | 5.031 | 0.007 | 83 | 4206 | 10.0 | 9.98 | |
| 48 Chlorobromomethane | 128 | 5.038 | 5.038 | 0.000 | 93 | 9343 | 5.00 | 4.80 | |
| 49 Methacrylonitrile | 67 | 5.088 | 5.081 | 0.007 | 93 | 73833 | 50.0 | 47.2 | |
| 50 Chloroform | 83 | 5.117 | 5.117 | 0.000 | 99 | 45284 | 5.00 | 4.94 | |
| 51 Cyclohexane | 84 | 5.246 | 5.246 | 0.000 | 93 | 36926 | 5.00 | 4.35 | |
| 52 1,1,1-Trichloroethane | 97 | 5.274 | 5.274 | 0.000 | 98 | 36963 | 5.00 | 4.64 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.310 | 5.303 | 0.007 | 96 | 218536 | 50.0 | 50.8 | |
| 54 Carbon tetrachloride | 117 | 5.418 | 5.418 | 0.000 | 98 | 28763 | 5.00 | 4.65 | |
| 55 1,1-Dichloropropene | 75 | 5.468 | 5.468 | 0.000 | 96 | 36752 | 5.00 | 4.53 | |
| 56 Isobutyl alcohol | 43 | 5.676 | 5.668 | 0.008 | 91 | 35083 | 125.0 | 112.1 | |
| 57 Benzene | 78 | 5.704 | 5.704 | 0.000 | 97 | 102583 | 5.00 | 4.85 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.733 | 5.733 | 0.000 | 98 | 219665 | 50.0 | 48.2 | |
| 59 Tert-amyl methyl ether | 87 | 5.812 | 5.811 | 0.001 | 92 | 16829 | 5.00 | 4.57 | |
| 60 Isopropyl acetate | 61 | 5.826 | 5.819 | 0.007 | 99 | 9842 | 5.00 | 4.57 | |
| 61 1,2-Dichloroethane | 62 | 5.826 | 5.826 | 0.000 | 96 | 29167 | 5.00 | 4.92 | |
| 62 n-Heptane | 43 | 5.926 | 5.926 | 0.000 | 93 | 40237 | 5.00 | 4.11 | |
| * 63 Fluorobenzene | 96 | 6.077 | 6.069 | 0.008 | 98 | 555060 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.499 | 6.492 | 0.007 | 92 | 10912 | 125.0 | 111.1 | |
| 65 Trichloroethene | 95 | 6.507 | 6.506 | 0.000 | 98 | 26366 | 5.00 | 4.66 | |
| 66 Methylcyclohexane | 83 | 6.657 | 6.650 | 0.007 | 95 | 42501 | 5.00 | 4.24 | |
| 67 Ethyl acrylate | 55 | 6.693 | 6.693 | 0.000 | 99 | 18684 | 5.00 | 3.84 | Ma |
| 68 1,2-Dichloropropane | 63 | 6.857 | 6.857 | 0.000 | 92 | 25705 | 5.00 | 4.82 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.929 | 6.929 | 0.000 | 0 | 18499 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.979 | 6.979 | 0.000 | 90 | 8867 | 10.0 | 9.25 | |
| 71 1,4-Dioxane | 88 | 6.994 | 6.993 | 0.001 | 88 | 4233 | 100.0 | 100.4 | |
| 72 Dibromomethane | 93 | 7.001 | 7.001 | 0.000 | 96 | 12737 | 5.00 | 5.23 | |
| 73 n-Propyl acetate | 43 | 7.051 | 7.044 | 0.007 | 99 | 21468 | 5.00 | 4.07 | |
| 74 Dichlorobromomethane | 83 | 7.180 | 7.172 | 0.008 | 99 | 28991 | 5.00 | 4.74 | |
| 75 2-Nitropropane | 41 | 7.524 | 7.523 | 0.001 | 98 | 7494 | 10.0 | 9.23 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.538 | 7.538 | 0.000 | 97 | 10268 | 5.01 | 4.75 | |
| 77 Epichlorohydrin | 57 | 7.631 | 7.624 | 0.007 | 99 | 6909 | 100.0 | 78.1 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.674 | 7.674 | 0.000 | 93 | 36405 | 5.00 | 4.83 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.839 | 7.831 | 0.008 | 97 | 74747 | 25.0 | 25.2 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.896 | 7.896 | 0.000 | 99 | 818922 | 50.0 | 50.8 | |
| 81 Toluene | 91 | 7.961 | 7.960 | 0.001 | 93 | 102177 | 5.00 | 4.80 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.261 | 8.261 | 0.000 | 95 | 29853 | 5.00 | 4.74 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.290 | 8.290 | 0.000 | 90 | 20652 | 5.00 | 4.46 | |
| 84 1,1,2-Trichloroethane | 83 | 8.426 | 8.426 | 0.000 | 95 | 14926 | 5.00 | 4.82 | |
| 85 Tetrachloroethene | 166 | 8.455 | 8.455 | 0.000 | 94 | 23993 | 5.00 | 4.61 | |
| 86 1,3-Dichloropropane | 76 | 8.591 | 8.591 | 0.000 | 94 | 30197 | 5.00 | 4.83 | |
| 87 2-Hexanone | 43 | 8.641 | 8.641 | 0.000 | 97 | 53165 | 25.0 | 25.0 | |
| 88 n-Butyl acetate | 73 | 8.727 | 8.727 | 0.000 | 98 | 3660 | 5.00 | 4.00 | |
| 89 Chlorodibromomethane | 129 | 8.763 | 8.755 | 0.008 | 98 | 18519 | 5.00 | 4.64 | |
| 90 Ethylene Dibromide | 107 | 8.870 | 8.870 | 0.000 | 98 | 16323 | 5.00 | 4.84 | |
| * 91 Chlorobenzene-d5 | 117 | 9.250 | 9.243 | 0.007 | 88 | 353935 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.271 | 9.271 | 0.000 | 94 | 60847 | 5.00 | 4.83 | |
| 93 Ethylbenzene | 106 | 9.336 | 9.336 | 0.000 | 99 | 32443 | 5.00 | 4.60 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.350 | 9.350 | 0.000 | 95 | 18825 | 5.00 | 4.60 | |
| 95 m-Xylene & p-Xylene | 106 | 9.436 | 9.436 | 0.000 | 0 | 39885 | 5.00 | 4.62 | |
| 96 n-Butyl acrylate | 73 | 9.744 | 9.737 | 0.007 | 96 | 9468 | 5.00 | 3.85 | |
| 97 o-Xylene | 106 | 9.766 | 9.765 | 0.001 | 94 | 38541 | 5.00 | 4.74 | |
| 98 Styrene | 104 | 9.787 | 9.787 | 0.000 | 94 | 59473 | 5.00 | 4.59 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.916 | 9.916 | 0.000 | 91 | 23369 | 5.00 | 4.14 | |
| 100 Bromoform | 173 | 9.959 | 9.959 | 0.000 | 94 | 10593 | 5.00 | 4.30 | |
| 101 Isopropylbenzene | 105 | 10.045 | 10.045 | 0.000 | 96 | 100489 | 5.00 | 4.63 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.210 | 10.210 | 0.000 | 0 | 220215 | 50.0 | 51.5 | |
| 103 Bromobenzene | 156 | 10.324 | 10.317 | 0.007 | 98 | 23702 | 5.00 | 5.00 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.339 | 10.339 | 0.001 | 98 | 19676 | 5.00 | 4.83 | |
| 105 N-Propylbenzene | 91 | 10.367 | 10.367 | 0.000 | 99 | 126749 | 5.00 | 4.82 | |
| 106 1,2,3-Trichloropropane | 110 | 10.382 | 10.381 | 0.001 | 94 | 5382 | 5.00 | 4.90 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.389 | 10.389 | 0.000 | 75 | 5732 | 5.00 | 4.51 | |
| 108 4-Ethyltoluene | 105 | 10.453 | 10.453 | 0.000 | 98 | 99969 | 5.00 | 4.72 | |
| 109 2-Chlorotoluene | 91 | 10.453 | 10.453 | 0.000 | 96 | 84908 | 5.00 | 4.87 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.503 | 10.503 | 0.000 | 92 | 88251 | 5.00 | 4.88 | |
| 111 4-Chlorotoluene | 91 | 10.546 | 10.546 | 0.000 | 98 | 77539 | 5.00 | 4.92 | |
| 112 Butyl Methacrylate | 87 | 10.561 | 10.561 | 0.000 | 94 | 19280 | 5.00 | 4.10 | |
| 113 tert-Butylbenzene | 119 | 10.740 | 10.740 | 0.000 | 93 | 73921 | 5.00 | 4.74 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.783 | 10.783 | 0.000 | 98 | 84737 | 5.00 | 4.79 | |
| 115 sec-Butylbenzene | 105 | 10.897 | 10.897 | 0.000 | 99 | 111965 | 5.00 | 4.71 | |
| 116 4-Isopropyltoluene | 119 | 11.005 | 11.005 | 0.000 | 97 | 89917 | 5.00 | 4.65 | |
| 117 1,3-Dichlorobenzene | 146 | 11.019 | 11.019 | 0.000 | 96 | 45672 | 5.00 | 4.88 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.069 | 11.069 | 0.000 | 97 | 181583 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.091 | 11.091 | 0.000 | 93 | 45935 | 5.00 | 4.85 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.098 | 11.098 | 0.000 | 98 | 87254 | 5.00 | 4.89 | |
| 121 Benzyl chloride | 126 | 11.198 | 11.191 | 0.007 | 98 | 5574 | 5.00 | 2.91 | |
| 122 2,3-Dihydroindene | 117 | 11.248 | 11.248 | 0.000 | 94 | 85955 | 5.00 | 4.68 | |
| 123 p-Diethylbenzene | 119 | 11.277 | 11.277 | 0.000 | 93 | 60103 | 5.00 | 4.58 | |
| 124 n-Butylbenzene | 92 | 11.299 | 11.298 | 0.001 | 97 | 50913 | 5.00 | 4.60 | |
| 125 1,2-Dichlorobenzene | 146 | 11.363 | 11.363 | 0.000 | 95 | 41523 | 5.00 | 4.86 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.893 | 11.893 | 0.000 | 97 | 76105 | 5.00 | 4.61 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 12.001 | 12.000 | 0.001 | 96 | 3581 | 5.00 | 4.53 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.129 | 12.129 | 0.000 | 96 | 32317 | 5.00 | 4.66 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.746 | 12.738 | 0.008 | 94 | 27192 | 5.00 | 4.74 | |
| 130 Hexachlorobutadiene | 225 | 12.853 | 12.853 | 0.000 | 91 | 15458 | 5.00 | 4.49 | |
| 131 Naphthalene | 128 | 13.025 | 13.025 | 0.000 | 99 | 54019 | 5.00 | 4.65 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.304 | 13.304 | 0.000 | 96 | 24683 | 5.00 | 4.92 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 9.65 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 10.0 | 9.57 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 10.0 | 9.36 | |
| S 136 Total BTEX | 1 | | | | 0 | | 25.0 | 23.6 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 5.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00002 | Amount Added: | 5.00 | Units: uL | |
| GASES Li_00560 | Amount Added: | 5.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

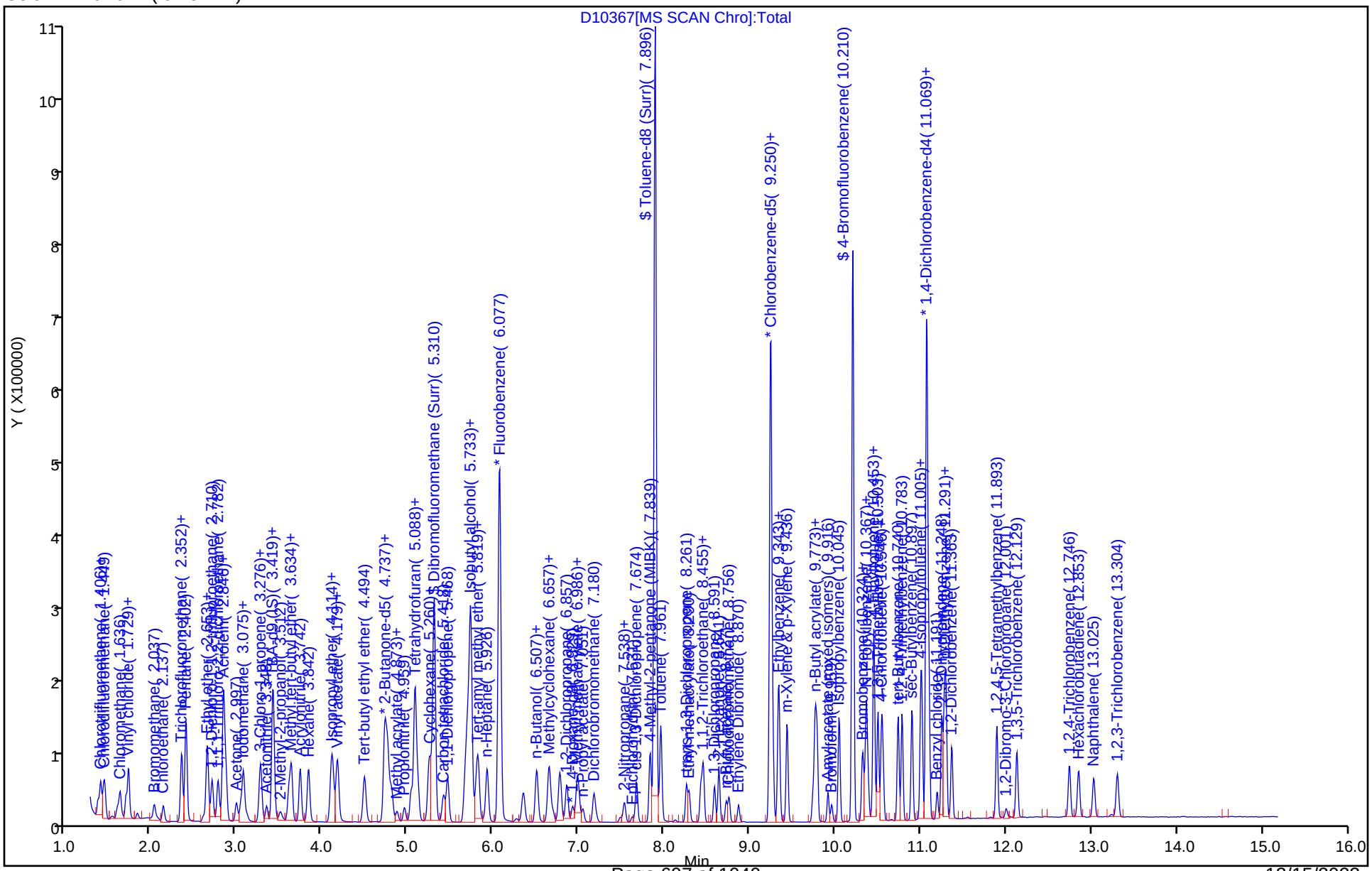
Report Date: 13-Dec-2023 13:32:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10367.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Dec-2023 10:43:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | STD5 | | | Worklist Smp#: | 17 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

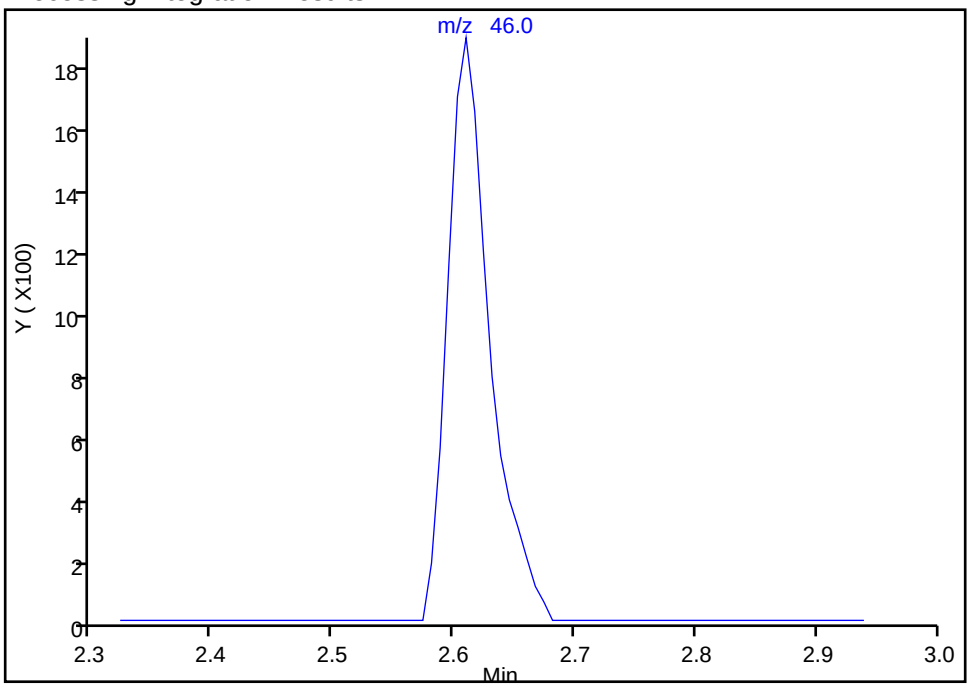
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10367.D
Injection Date: 07-Dec-2023 10:43:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 Ethanol, CAS: 64-17-5

Signal: 1

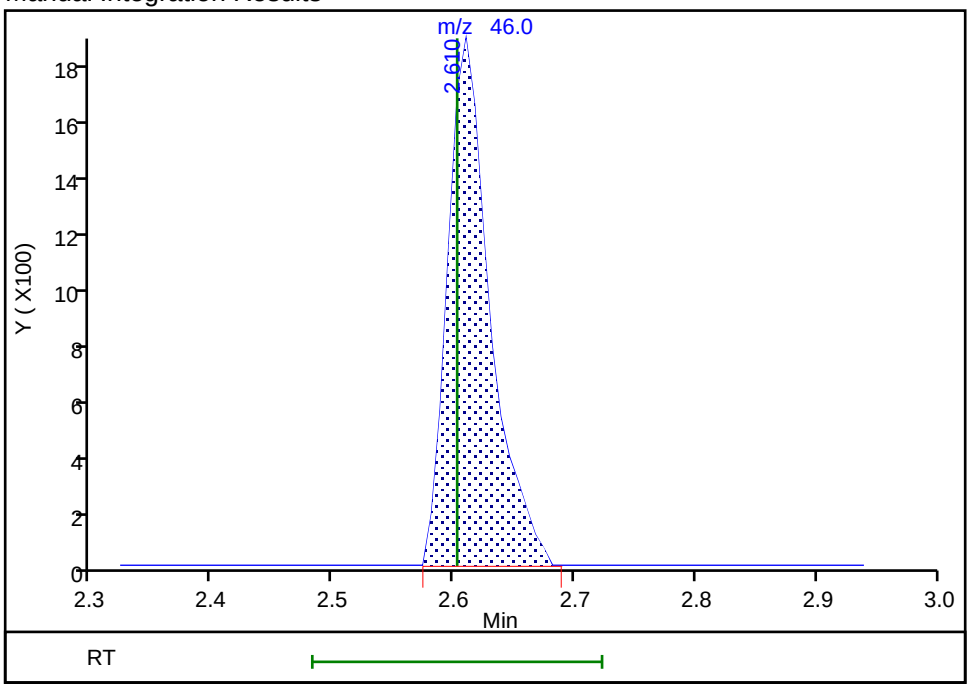
Not Detected
Expected RT: 2.60

Processing Integration Results




Manual Integration Results

RT: 2.61
Area: 4502
Amount: 204.4914
Amount Units: ug/l




Reviewer: N1JZ, 07-Dec-2023 11:00:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

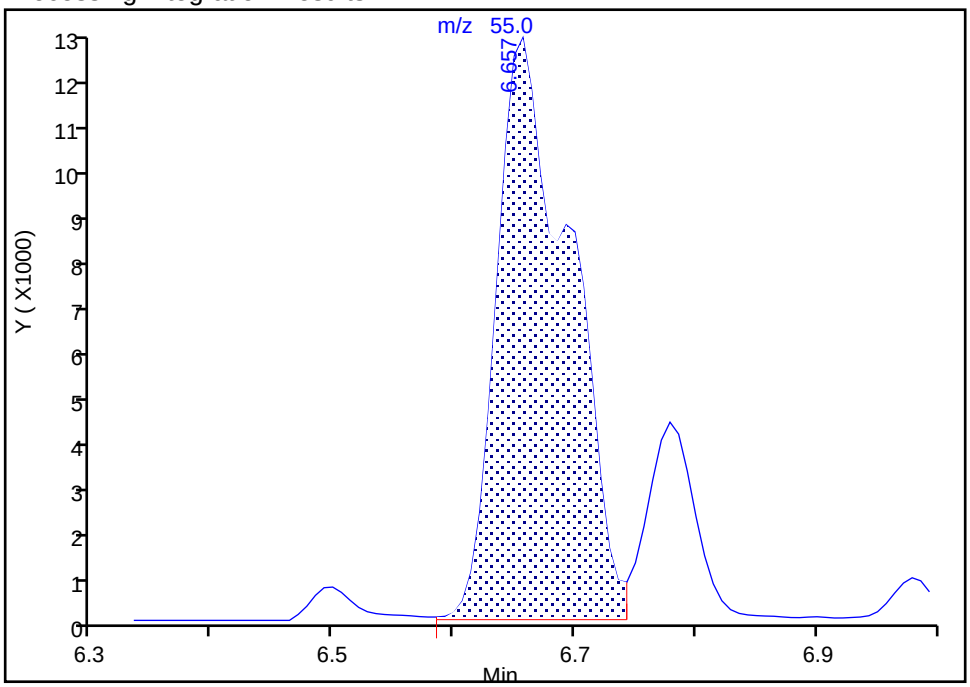
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Injection Date: 07-Dec-2023 10:43:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

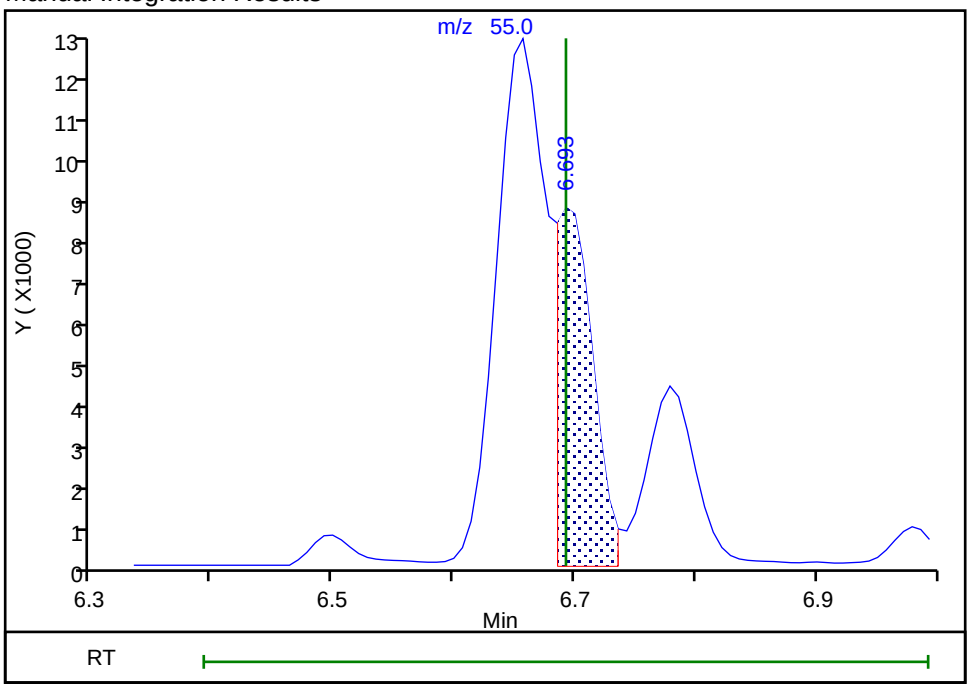
Processing Integration Results

RT: 6.66
Area: 53962
Amount: 5.745166
Amount Units: ug/l




Manual Integration Results

RT: 6.69
Area: 18684
Amount: 3.835859
Amount Units: ug/l




Reviewer: NN6A, 13-Dec-2023 13:28:44 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-Dec-2023 11:06:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0169812-018
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:32:35 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 07-Dec-2023 11:24:42

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.378 | 1.370 | 0.008 | 88 | 97127 | 50.0 | 40.4 | |
| 2 Dichlorodifluoromethane | 85 | 1.406 | 1.406 | 0.000 | 99 | 404024 | 50.0 | 54.7 | |
| 3 Chlorodifluoromethane | 51 | 1.449 | 1.442 | 0.007 | 97 | 429202 | 50.0 | 45.7 | |
| 4 Chloromethane | 50 | 1.614 | 1.614 | 0.000 | 99 | 348557 | 50.0 | 47.3 | |
| 5 Vinyl chloride | 62 | 1.707 | 1.700 | 0.007 | 100 | 339917 | 50.0 | 50.6 | |
| 6 Butadiene | 54 | 1.736 | 1.729 | 0.007 | 98 | 317171 | 50.0 | 49.8 | |
| 7 Bromomethane | 94 | 2.037 | 2.029 | 0.008 | 99 | 177082 | 50.0 | 50.1 | |
| 8 Chloroethane | 64 | 2.137 | 2.137 | 0.000 | 100 | 179739 | 50.0 | 49.4 | |
| 10 Dichlorofluoromethane | 67 | 2.359 | 2.352 | 0.007 | 96 | 528275 | 50.0 | 50.5 | |
| 9 Trichlorofluoromethane | 101 | 2.359 | 2.352 | 0.007 | 72 | 392651 | 50.0 | 50.0 | |
| 11 Pentane | 72 | 2.409 | 2.402 | 0.007 | 94 | 109959 | 100.0 | 104.9 | |
| 12 Ethanol | 46 | 2.610 | 2.602 | 0.008 | 98 | 46130 | 2000.0 | 2122.8 | |
| 13 Ethyl ether | 59 | 2.645 | 2.638 | 0.007 | 94 | 182487 | 50.0 | 49.8 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.660 | 2.653 | 0.007 | 98 | 273443 | 50.0 | 52.5 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.710 | 2.710 | 0.000 | 94 | 219778 | 50.0 | 52.9 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.781 | 2.774 | 0.007 | 96 | 401825 | 50.0 | 52.9 | |
| 18 Acrolein | 56 | 2.846 | 2.839 | 0.007 | 97 | 340247 | 400.0 | 466.0 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.839 | 2.839 | 0.000 | 93 | 259305 | 50.0 | 50.0 | |
| 19 1,1-Dichloroethene | 96 | 2.875 | 2.867 | 0.008 | 96 | 235662 | 50.0 | 50.0 | |
| 20 Acetone | 43 | 2.996 | 2.989 | 0.007 | 87 | 380560 | 250.0 | 276.3 | |
| 21 Iodomethane | 142 | 3.054 | 3.047 | 0.007 | 99 | 324556 | 50.0 | 55.9 | |
| 22 Carbon disulfide | 76 | 3.082 | 3.075 | 0.007 | 99 | 897739 | 50.0 | 50.9 | |
| 23 Isopropyl alcohol | 45 | 3.118 | 3.111 | 0.007 | 98 | 135744 | 500.0 | 527.0 | |
| 24 3-Chloro-1-propene | 76 | 3.269 | 3.261 | 0.008 | 91 | 55199 | 50.0 | 28.9 | |
| 25 Cyclopentene | 67 | 3.276 | 3.276 | 0.000 | 94 | 602284 | 50.0 | 52.2 | |
| 26 Methyl acetate | 43 | 3.290 | 3.290 | 0.000 | 100 | 206359 | 100.0 | 94.8 | |
| 27 Acetonitrile | 40 | 3.347 | 3.347 | 0.000 | 99 | 129571 | 500.0 | 537.6 | |
| 28 Methylene Chloride | 84 | 3.419 | 3.419 | 0.000 | 95 | 251667 | 50.0 | 49.5 | |
| * 29 TBA-d9 (IS) | 65 | 3.426 | 3.419 | 0.007 | 0 | 178796 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.512 | 3.505 | 0.007 | 99 | 164195 | 500.0 | 481.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.612 | 3.612 | 0.000 | 97 | 568873 | 50.0 | 52.2 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 97 | 258978 | 50.0 | 50.4 | |
| 33 Acrylonitrile | 53 | 3.741 | 3.734 | 0.007 | 94 | 640219 | 500.0 | 512.3 | |
| 34 Hexane | 57 | 3.842 | 3.834 | 0.008 | 94 | 435846 | 50.0 | 49.4 | |
| 35 Isopropyl ether | 45 | 4.107 | 4.107 | 0.000 | 99 | 823834 | 50.0 | 53.8 | |
| 36 1,1-Dichloroethane | 63 | 4.128 | 4.128 | 0.000 | 99 | 445851 | 50.0 | 50.3 | |
| 37 Vinyl acetate | 86 | 4.171 | 4.164 | 0.007 | 100 | 62686 | 100.0 | 108.2 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.185 | 4.178 | 0.007 | 92 | 239743 | 50.0 | 52.8 | |
| 39 Tert-butyl ethyl ether | 59 | 4.493 | 4.493 | 0.000 | 88 | 710567 | 50.0 | 54.7 | |
| 40 2,2-Dichloropropane | 79 | 4.730 | 4.723 | 0.007 | 97 | 91379 | 50.0 | 49.6 | |
| * 41 2-Butanone-d5 | 46 | 4.737 | 4.730 | 0.007 | 95 | 146604 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.766 | 4.766 | 0.000 | 98 | 260522 | 50.0 | 50.4 | |
| 43 2-Butanone (MEK) | 72 | 4.801 | 4.794 | 0.007 | 99 | 110376 | 250.0 | 247.3 | |
| 44 Ethyl acetate | 70 | 4.823 | 4.816 | 0.007 | 97 | 41679 | 100.0 | 109.9 | |
| 45 Methyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 99 | 165858 | 50.0 | 51.0 | |
| 46 Propionitrile | 54 | 4.959 | 4.959 | 0.000 | 98 | 257985 | 500.0 | 536.9 | |
| 47 Tetrahydrofuran | 72 | 5.038 | 5.031 | 0.007 | 91 | 44806 | 100.0 | 102.9 | |
| 48 Chlorobromomethane | 128 | 5.045 | 5.038 | 0.007 | 90 | 86964 | 50.0 | 49.3 | |
| 49 Methacrylonitrile | 67 | 5.088 | 5.081 | 0.007 | 93 | 784860 | 500.0 | 553.6 | |
| 50 Chloroform | 83 | 5.117 | 5.117 | 0.000 | 98 | 423632 | 50.0 | 51.0 | |
| 51 Cyclohexane | 84 | 5.253 | 5.246 | 0.007 | 92 | 381347 | 50.0 | 49.5 | |
| 52 1,1,1-Trichloroethane | 97 | 5.274 | 5.274 | 0.000 | 99 | 365074 | 50.0 | 50.6 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.310 | 5.303 | 0.007 | 96 | 200918 | 50.0 | 51.6 | |
| 54 Carbon tetrachloride | 117 | 5.417 | 5.418 | -0.001 | 97 | 288247 | 50.0 | 51.5 | |
| 55 1,1-Dichloropropene | 75 | 5.468 | 5.468 | 0.000 | 97 | 368319 | 50.0 | 50.1 | |
| 56 Isobutyl alcohol | 43 | 5.668 | 5.668 | 0.000 | 92 | 403535 | 1250.0 | 1306.3 | |
| 57 Benzene | 78 | 5.711 | 5.704 | 0.007 | 97 | 993237 | 50.0 | 51.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.740 | 5.733 | 0.007 | 99 | 210686 | 50.0 | 51.0 | |
| 59 Tert-amyl methyl ether | 87 | 5.811 | 5.811 | 0.000 | 96 | 184903 | 50.0 | 55.4 | |
| 60 Isopropyl acetate | 61 | 5.826 | 5.819 | 0.007 | 99 | 106996 | 50.0 | 54.9 | |
| 61 1,2-Dichloroethane | 62 | 5.833 | 5.826 | 0.007 | 97 | 271282 | 50.0 | 50.5 | |
| 62 n-Heptane | 43 | 5.933 | 5.926 | 0.007 | 93 | 444775 | 50.0 | 50.2 | |
| * 63 Fluorobenzene | 96 | 6.076 | 6.069 | 0.007 | 98 | 502958 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.492 | 6.492 | 0.000 | 89 | 134482 | 1250.0 | 1387.4 | |
| 65 Trichloroethene | 95 | 6.513 | 6.506 | 0.007 | 98 | 259946 | 50.0 | 50.7 | |
| 66 Methylcyclohexane | 83 | 6.657 | 6.650 | 0.007 | 96 | 454189 | 50.0 | 50.0 | |
| 67 Ethyl acrylate | 55 | 6.700 | 6.693 | 0.007 | 98 | 245156 | 50.0 | 55.5 | a |
| 68 1,2-Dichloropropane | 63 | 6.864 | 6.857 | 0.007 | 92 | 245126 | 50.0 | 50.7 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.929 | 6.929 | 0.000 | 0 | 19376 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.979 | 6.979 | 0.000 | 90 | 96252 | 100.0 | 110.9 | |
| 71 1,4-Dioxane | 88 | 6.993 | 6.993 | 0.000 | 94 | 41983 | 1000.0 | 950.7 | |
| 72 Dibromomethane | 93 | 7.008 | 7.001 | 0.007 | 97 | 116094 | 50.0 | 52.6 | |
| 73 n-Propyl acetate | 43 | 7.051 | 7.044 | 0.007 | 99 | 270896 | 50.0 | 56.6 | |
| 74 Dichlorobromomethane | 83 | 7.180 | 7.172 | 0.008 | 99 | 287349 | 50.0 | 51.8 | |
| 75 2-Nitropropane | 41 | 7.523 | 7.523 | 0.000 | 98 | 76274 | 100.0 | 103.6 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.538 | 7.538 | 0.000 | 85 | 107967 | 50.1 | 55.2 | |
| 77 Epichlorohydrin | 57 | 7.631 | 7.624 | 0.007 | 98 | 72620 | 1000.0 | 812.4 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.681 | 7.674 | 0.007 | 93 | 362048 | 50.0 | 52.5 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.839 | 7.831 | 0.008 | 97 | 831668 | 250.0 | 271.3 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.896 | 7.896 | 0.000 | 99 | 758869 | 50.0 | 51.5 | |
| 81 Toluene | 91 | 7.960 | 7.960 | 0.000 | 93 | 985497 | 50.0 | 50.5 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.261 | 8.261 | 0.000 | 96 | 299689 | 50.0 | 52.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.290 | 8.290 | 0.000 | 90 | 229671 | 50.0 | 54.8 | |
| 84 1,1,2-Trichloroethane | 83 | 8.433 | 8.426 | 0.007 | 96 | 146484 | 50.0 | 51.7 | |
| 85 Tetrachloroethene | 166 | 8.462 | 8.455 | 0.007 | 97 | 239889 | 50.0 | 50.3 | |
| 86 1,3-Dichloropropane | 76 | 8.591 | 8.591 | 0.000 | 94 | 294676 | 50.0 | 51.5 | |
| 87 2-Hexanone | 43 | 8.641 | 8.641 | 0.000 | 98 | 608832 | 250.0 | 276.9 | |
| 88 n-Butyl acetate | 73 | 8.727 | 8.727 | 0.000 | 99 | 48759 | 50.0 | 58.3 | |
| 89 Chlorodibromomethane | 129 | 8.763 | 8.755 | 0.008 | 98 | 191996 | 50.0 | 52.6 | |
| 90 Ethylene Dibromide | 107 | 8.870 | 8.870 | 0.000 | 99 | 162757 | 50.0 | 52.7 | |
| * 91 Chlorobenzene-d5 | 117 | 9.250 | 9.243 | 0.007 | 88 | 323898 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.271 | 9.271 | 0.000 | 98 | 586369 | 50.0 | 50.9 | |
| 93 Ethylbenzene | 106 | 9.336 | 9.336 | 0.000 | 99 | 333115 | 50.0 | 51.6 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.350 | 9.350 | 0.000 | 96 | 196653 | 50.0 | 52.5 | |
| 95 m-Xylene & p-Xylene | 106 | 9.443 | 9.436 | 0.007 | 0 | 408039 | 50.0 | 51.7 | |
| 96 n-Butyl acrylate | 73 | 9.744 | 9.737 | 0.007 | 96 | 129942 | 50.0 | 57.8 | |
| 97 o-Xylene | 106 | 9.765 | 9.765 | 0.000 | 94 | 387343 | 50.0 | 52.0 | |
| 98 Styrene | 104 | 9.787 | 9.787 | 0.000 | 94 | 628033 | 50.0 | 52.9 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.916 | 9.916 | 0.000 | 90 | 314774 | 50.0 | 58.4 | |
| 100 Bromoform | 173 | 9.959 | 9.959 | 0.000 | 95 | 117911 | 50.0 | 52.3 | |
| 101 Isopropylbenzene | 105 | 10.045 | 10.045 | 0.000 | 96 | 1036581 | 50.0 | 52.2 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.210 | 10.210 | 0.000 | 0 | 206842 | 50.0 | 50.6 | |
| 103 Bromobenzene | 156 | 10.324 | 10.317 | 0.007 | 98 | 227612 | 50.0 | 50.2 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.338 | 10.339 | 0.000 | 99 | 204700 | 50.0 | 52.5 | |
| 105 N-Propylbenzene | 91 | 10.367 | 10.367 | 0.000 | 99 | 1298310 | 50.0 | 51.7 | |
| 106 1,2,3-Trichloropropane | 110 | 10.381 | 10.381 | 0.000 | 96 | 55603 | 50.0 | 53.0 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.389 | 10.389 | 0.000 | 82 | 62301 | 50.0 | 51.4 | |
| 108 4-Ethyltoluene | 105 | 10.453 | 10.453 | 0.000 | 98 | 1124372 | 50.0 | 55.6 | |
| 109 2-Chlorotoluene | 91 | 10.453 | 10.453 | 0.000 | 96 | 865241 | 50.0 | 52.0 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.503 | 10.503 | 0.000 | 93 | 870931 | 50.0 | 50.4 | |
| 111 4-Chlorotoluene | 91 | 10.546 | 10.546 | 0.000 | 98 | 775042 | 50.0 | 51.5 | |
| 112 Butyl Methacrylate | 87 | 10.561 | 10.561 | 0.000 | 93 | 264284 | 50.0 | 58.8 | |
| 113 tert-Butylbenzene | 119 | 10.740 | 10.740 | 0.000 | 93 | 757249 | 50.0 | 50.9 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.783 | 10.783 | 0.000 | 98 | 885448 | 50.0 | 52.4 | |
| 115 sec-Butylbenzene | 105 | 10.904 | 10.897 | 0.007 | 99 | 1170996 | 50.0 | 51.5 | |
| 116 4-Isopropyltoluene | 119 | 11.005 | 11.005 | 0.000 | 98 | 972530 | 50.0 | 52.7 | |
| 117 1,3-Dichlorobenzene | 146 | 11.019 | 11.019 | 0.000 | 96 | 466446 | 50.0 | 52.2 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.069 | 11.069 | 0.000 | 95 | 173481 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.091 | 11.091 | 0.000 | 93 | 467946 | 50.0 | 51.8 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.098 | 11.098 | 0.000 | 99 | 931072 | 50.0 | 54.6 | |
| 121 Benzyl chloride | 126 | 11.198 | 11.191 | 0.007 | 99 | 80601 | 50.0 | 44.6 | |
| 122 2,3-Dihydroindene | 117 | 11.248 | 11.248 | 0.000 | 94 | 918750 | 50.0 | 55.2 | |
| 123 p-Diethylbenzene | 119 | 11.284 | 11.277 | 0.007 | 93 | 681238 | 50.0 | 54.3 | |
| 124 n-Butylbenzene | 92 | 11.298 | 11.298 | 0.000 | 97 | 558974 | 50.0 | 52.9 | |
| 125 1,2-Dichlorobenzene | 146 | 11.370 | 11.363 | 0.007 | 98 | 417962 | 50.0 | 51.2 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.893 | 11.893 | 0.000 | 97 | 863565 | 50.0 | 54.8 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 12.007 | 12.000 | 0.007 | 98 | 39863 | 50.0 | 52.7 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.129 | 12.129 | 0.000 | 97 | 348987 | 50.0 | 52.6 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.745 | 12.738 | 0.007 | 94 | 275391 | 50.0 | 50.2 | |
| 130 Hexachlorobutadiene | 225 | 12.853 | 12.853 | 0.000 | 91 | 165240 | 50.0 | 50.3 | |
| 131 Naphthalene | 128 | 13.032 | 13.025 | 0.007 | 99 | 563754 | 50.0 | 50.8 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.304 | 13.304 | 0.000 | 95 | 240365 | 50.0 | 50.1 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 100.9 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 100.0 | 104.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 100.0 | 103.7 | |
| S 136 Total BTEX | 1 | | | | 0 | | 250.0 | 257.2 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| Ethanol mix_00083 | Amount Added: | 5.00 | Units: uL | |
| 7 Freons Hi_00002 | Amount Added: | 5.00 | Units: uL | |
| GAS Hi_00457 | Amount Added: | 5.00 | Units: uL | |
| MIX 2 Hi_00142 | Amount Added: | 5.00 | Units: uL | |
| MIX I Hi_00170 | Amount Added: | 5.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 40.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 13-Dec-2023 13:32:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Injection Date: 07-Dec-2023 11:06:30 Instrument ID: CVOAMS4 Operator ID:

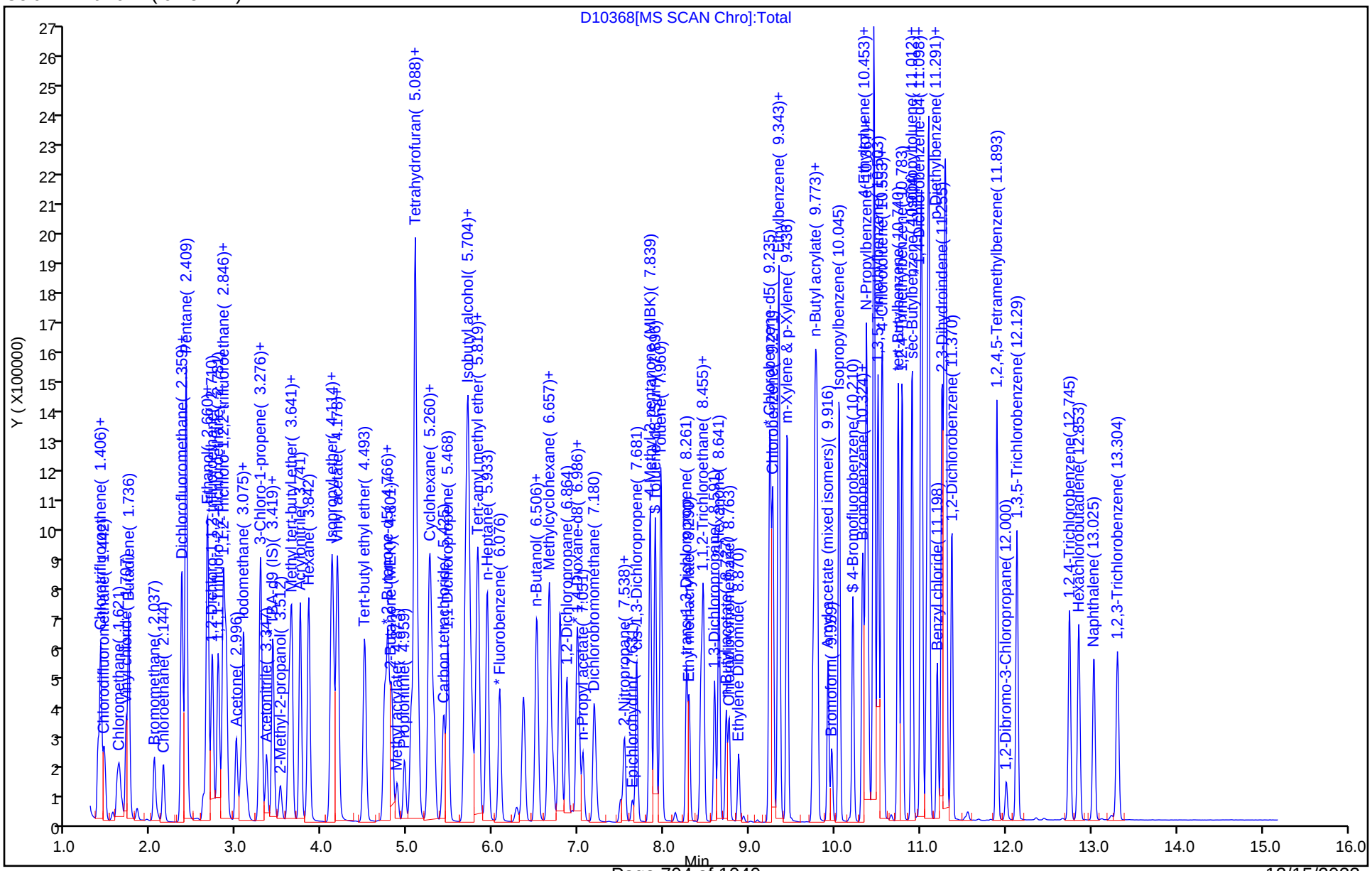
Lims ID: STD50 Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

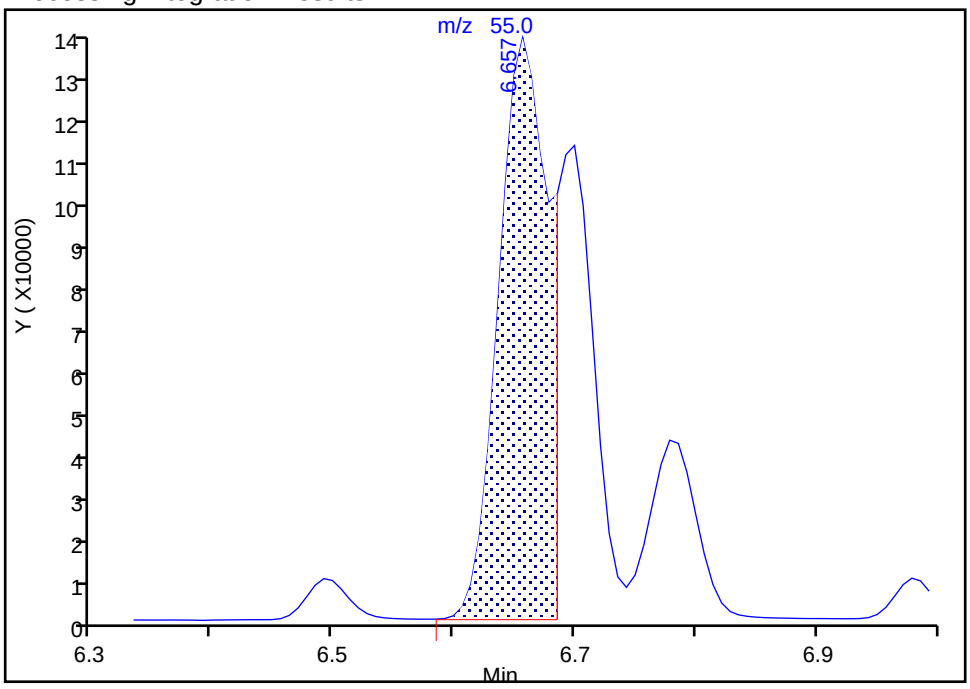
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D
Injection Date: 07-Dec-2023 11:06:30 Instrument ID: CVOAMS4
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

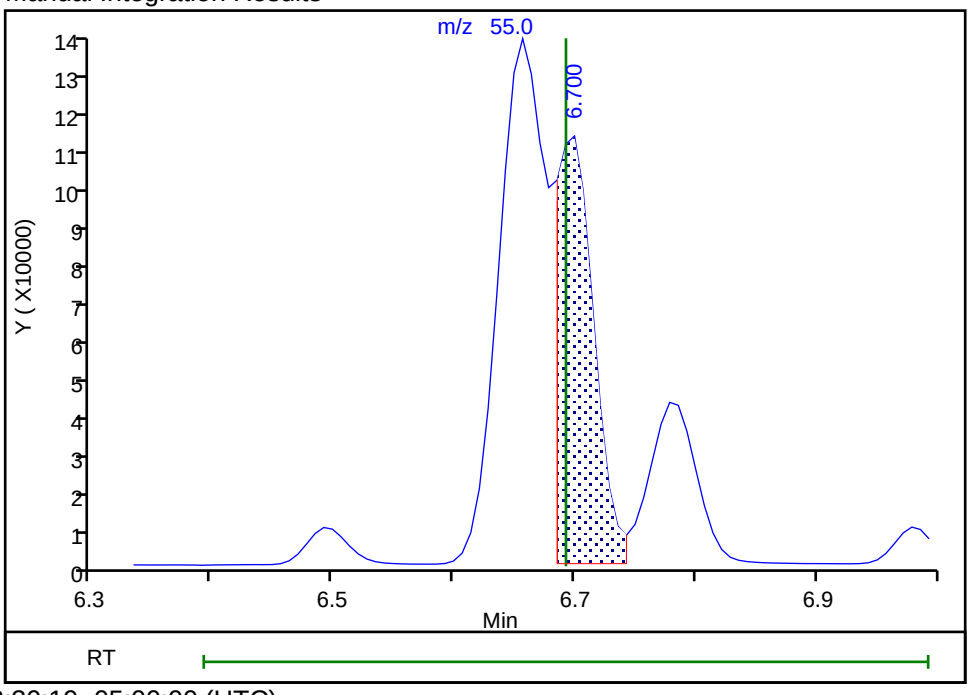
Processing Integration Results

RT: 6.66
Area: 408938
Amount: 80.164378
Amount Units: ug/l




Manual Integration Results

RT: 6.70
Area: 245156
Amount: 55.544815
Amount Units: ug/l




Reviewer: NN6A, 13-Dec-2023 13:30:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

## Calibration / Chlorotrifluoroethene

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

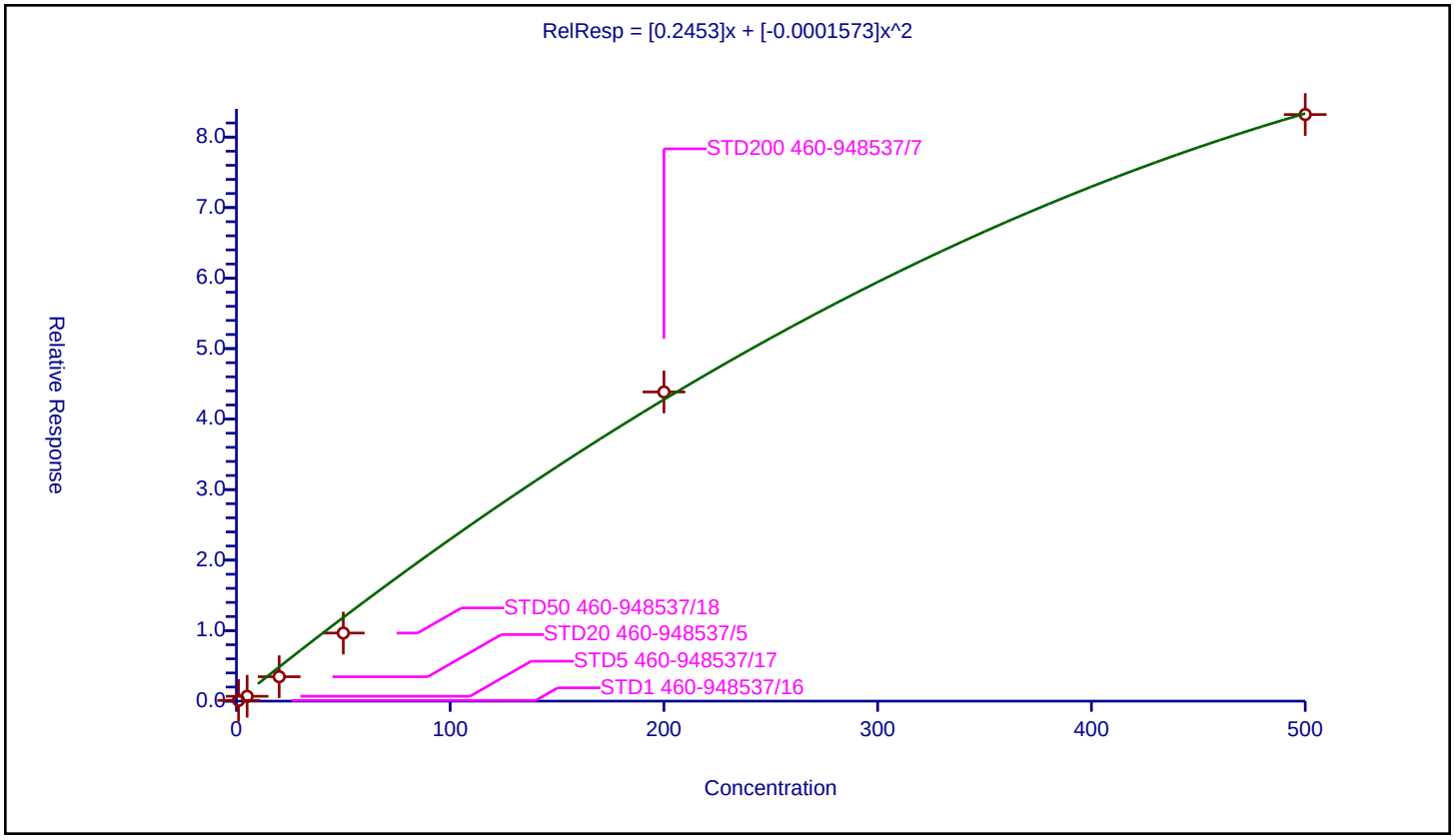
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2453 |
| **Second Order:** | -0.0001573 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 662000 |
| **Relative Standard Error:** | 40.0 |
| **Correlation Coefficient:** | 0.977 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.104507 | 50.0 | 512884.0 | 0.104507 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 0.690916 | 50.0 | 555060.0 | 0.138183 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 3.461992 | 50.0 | 493632.0 | 0.1731 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 9.655578 | 50.0 | 502958.0 | 0.193112 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 43.850078 | 50.0 | 505291.0 | 0.21925 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 83.200415 | 50.0 | 747325.0 | 0.166401 | Y |



## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

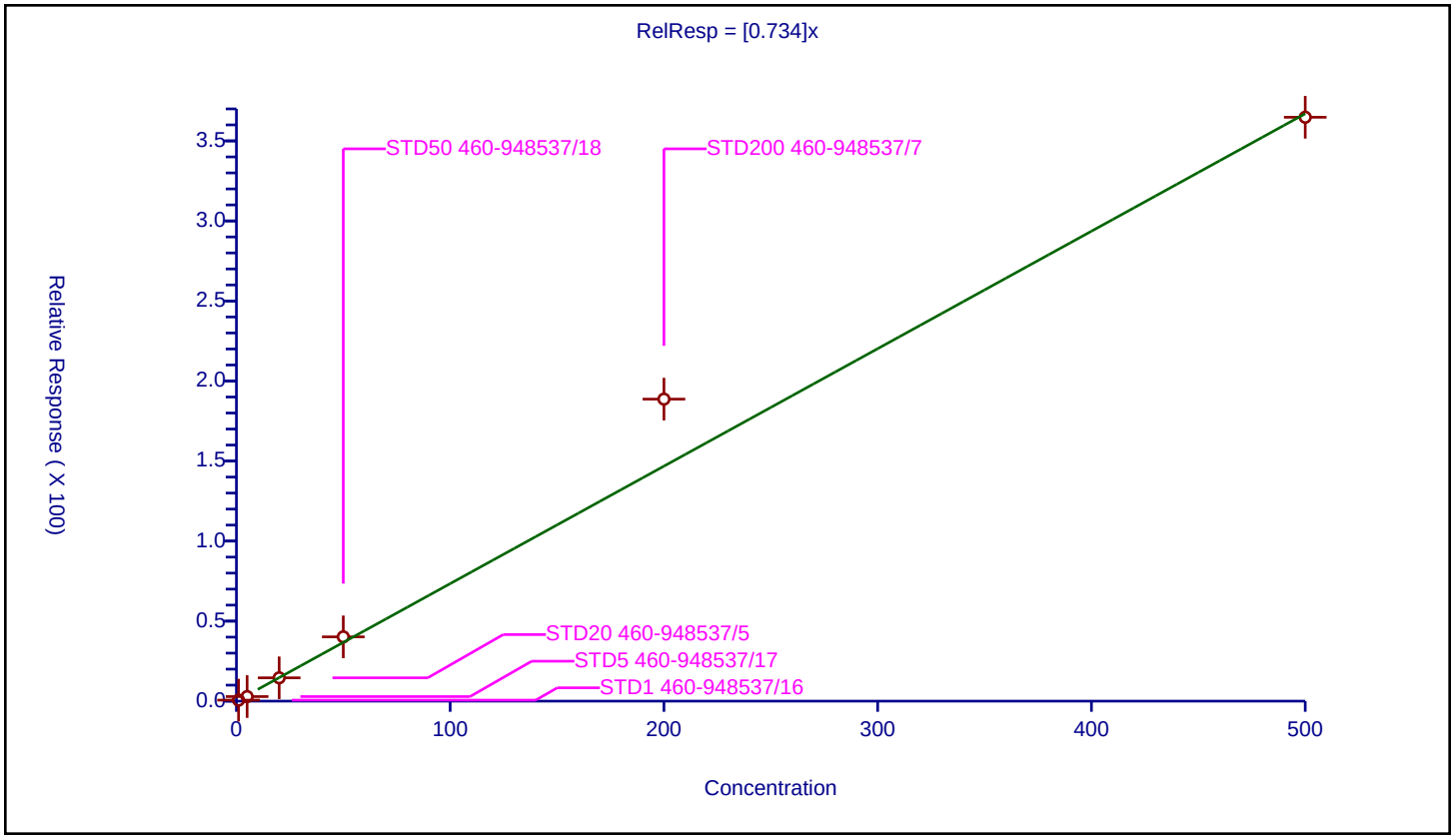
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.734 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2590000 |
| **Relative Standard Error:** | 17.9 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.968 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.628602 | 50.0 | 512884.0 | 0.628602 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.855187 | 50.0 | 555060.0 | 0.571037 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 14.560948 | 50.0 | 493632.0 | 0.728047 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 40.164785 | 50.0 | 502958.0 | 0.803296 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 188.677416 | 50.0 | 505291.0 | 0.943387 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 364.782457 | 50.0 | 747325.0 | 0.729565 | Y |






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## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

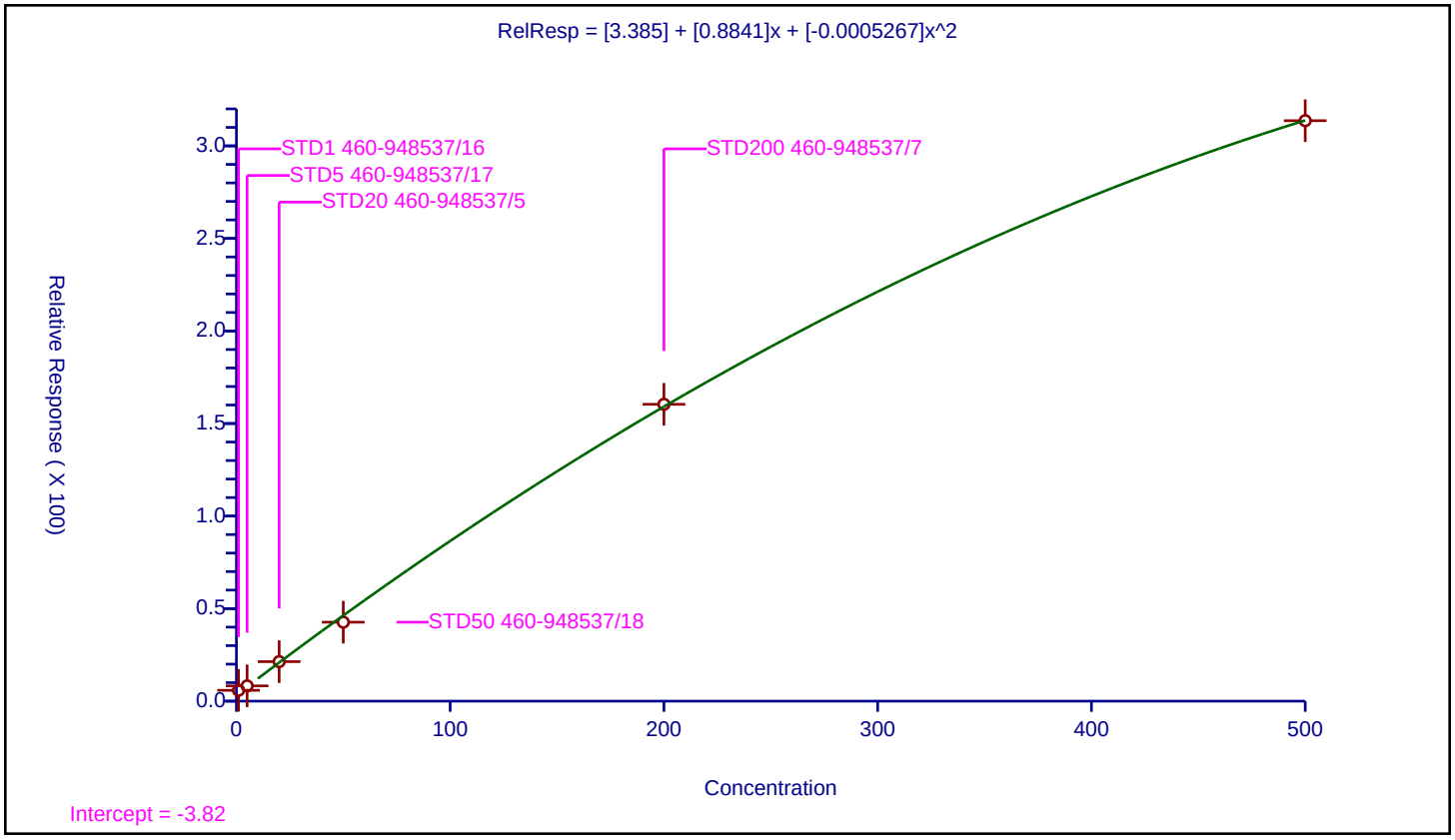
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 3.385 |
| **Slope:** | 0.8841 |
| **Second Order:** | -0.0005267 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2880000 |
| **Relative Standard Error:** | 104.2 |
| **Correlation Coefficient:** | 0.974 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 5.85649 | 50.0 | 512884.0 | 5.85649 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 8.238028 | 50.0 | 555060.0 | 1.647606 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 21.352445 | 50.0 | 493632.0 | 1.067622 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 42.667777 | 50.0 | 502958.0 | 0.853356 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 160.385896 | 50.0 | 505291.0 | 0.801929 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 313.621048 | 50.0 | 747325.0 | 0.627242 | Y |






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## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

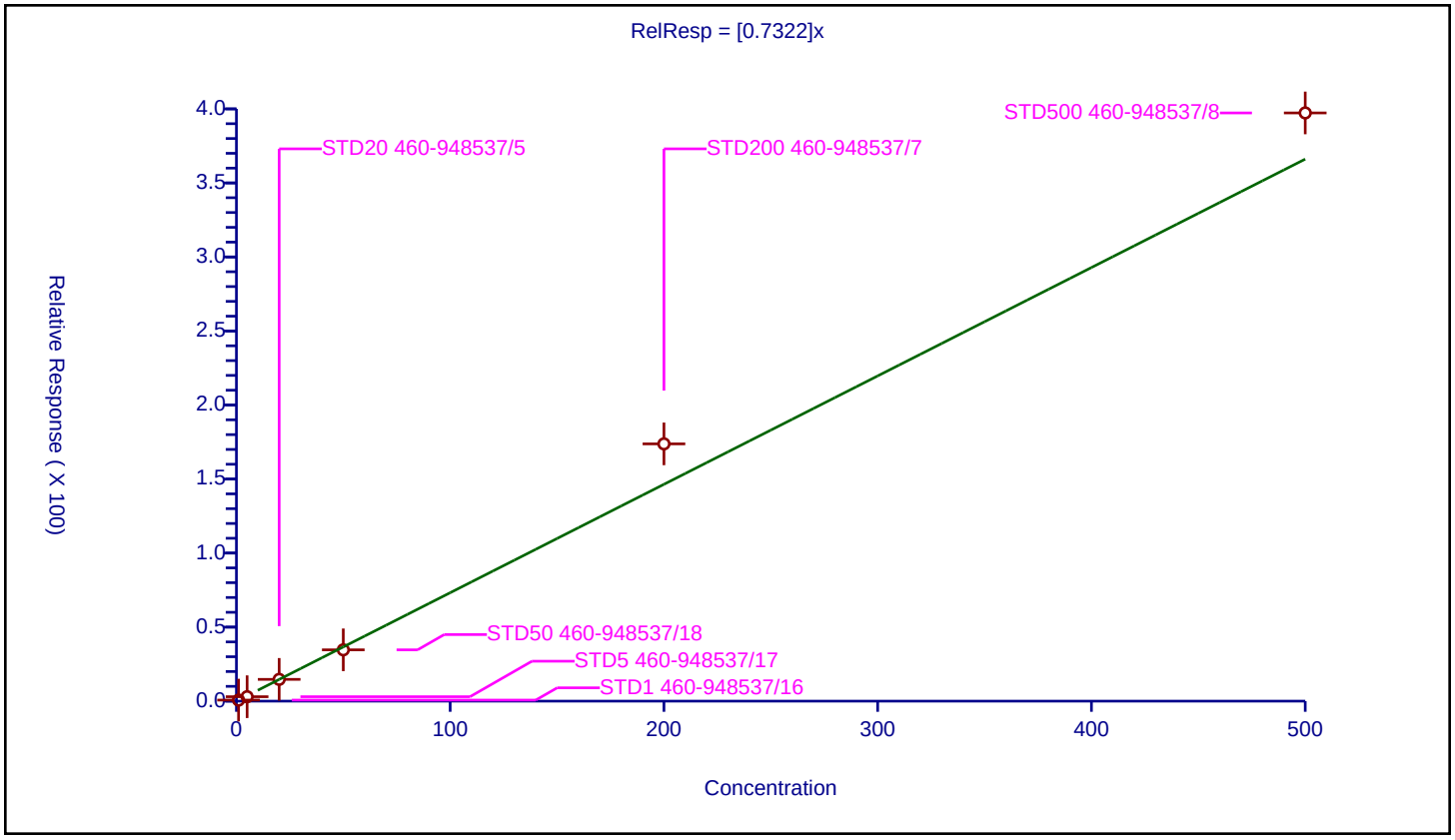
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7322 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2770000 |
| **Relative Standard Error:** | 12.6 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.702596 | 50.0 | 512884.0 | 0.702596 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.994721 | 50.0 | 555060.0 | 0.598944 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 14.701134 | 50.0 | 493632.0 | 0.735057 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 34.650706 | 50.0 | 502958.0 | 0.693014 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 173.764623 | 50.0 | 505291.0 | 0.868823 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 397.273408 | 50.0 | 747325.0 | 0.794547 | Y |






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## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

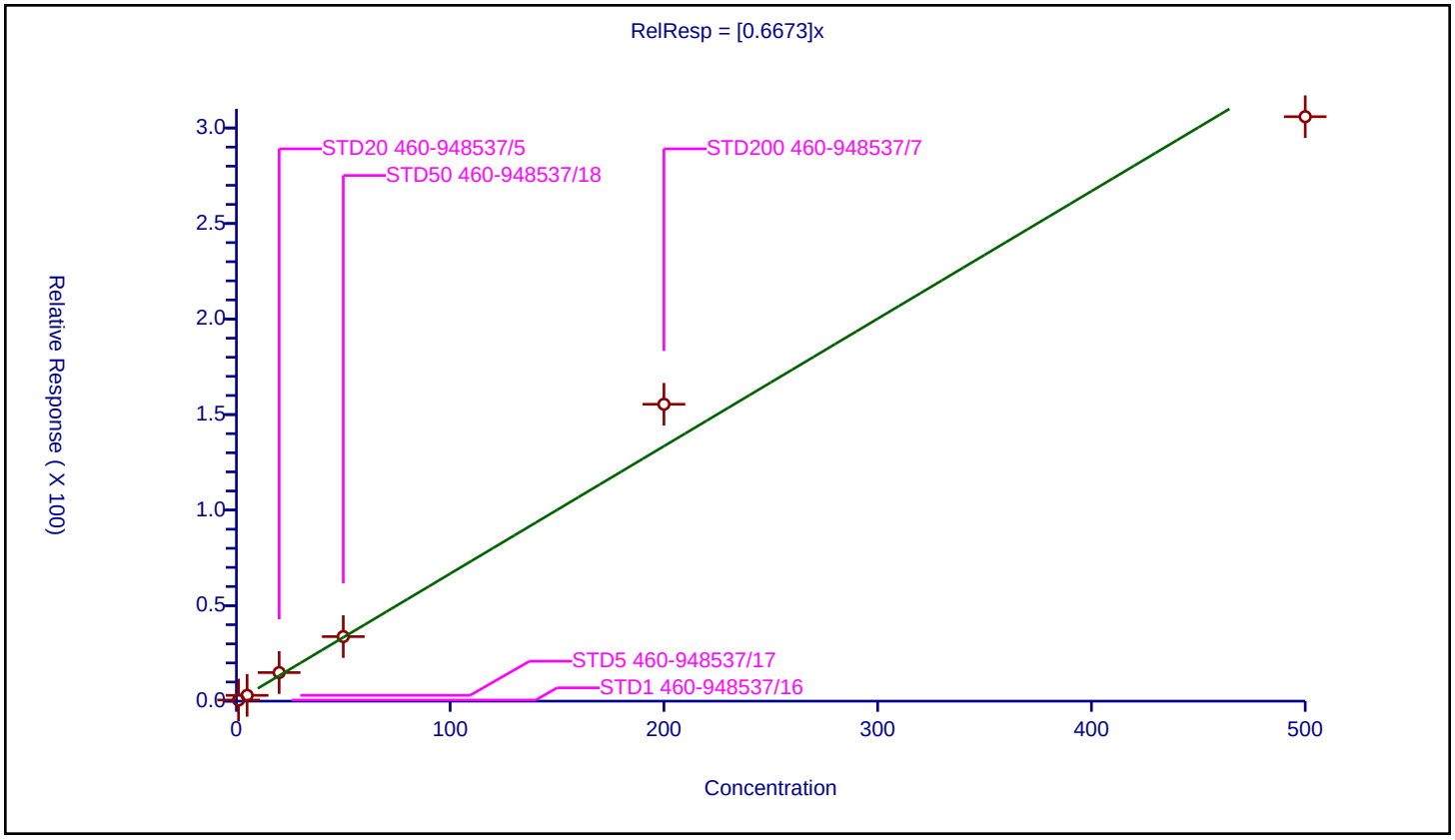
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6673 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2170000 |
| **Relative Standard Error:** | 12.0 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.583758 | 50.0 | 512884.0 | 0.583758 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.036969 | 50.0 | 555060.0 | 0.607394 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 14.959221 | 50.0 | 493632.0 | 0.747961 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 33.791788 | 50.0 | 502958.0 | 0.675836 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 155.396395 | 50.0 | 505291.0 | 0.776982 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 305.914696 | 50.0 | 747325.0 | 0.611829 | Y |






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## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

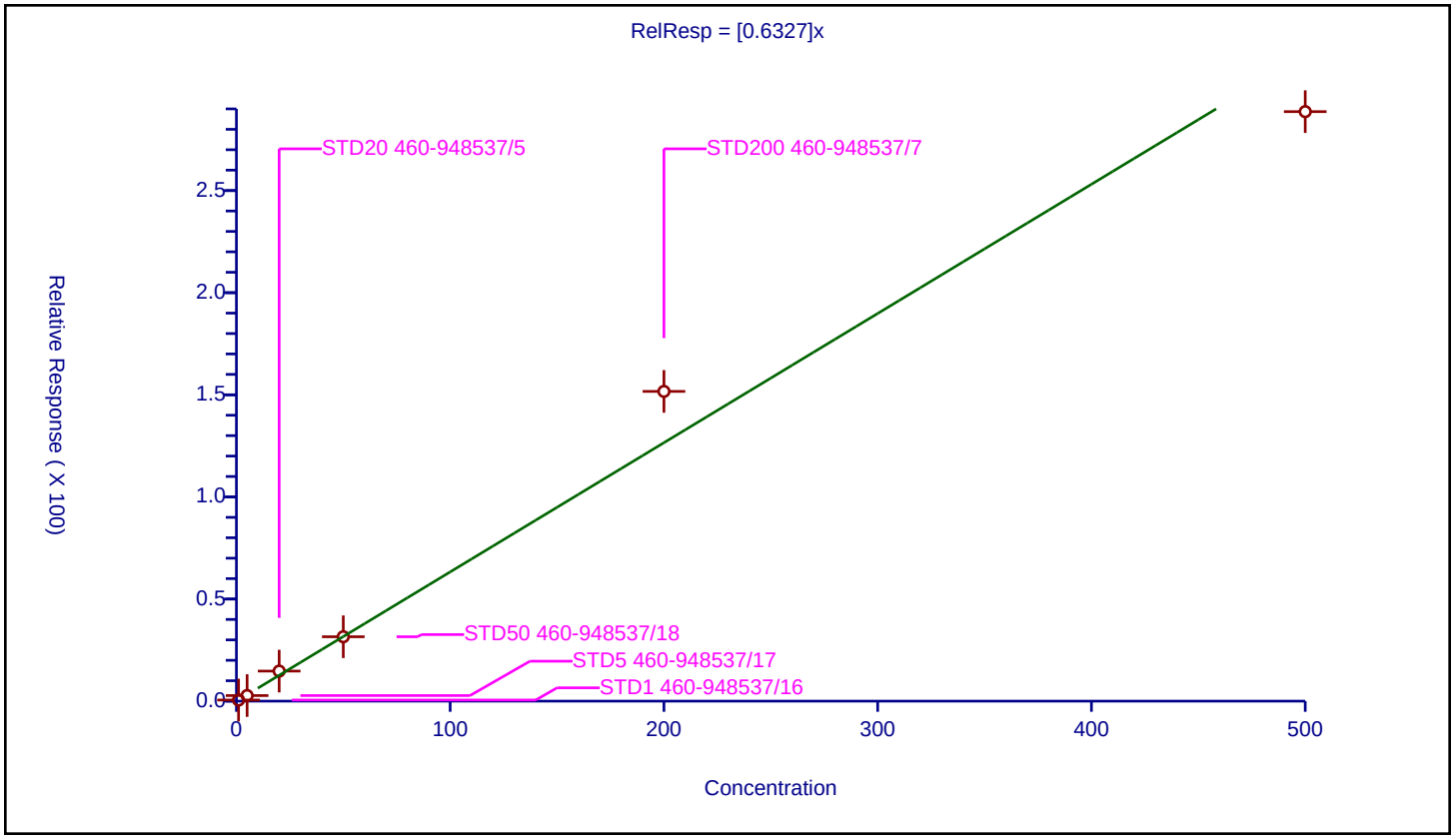
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6327 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2050000 |
| **Relative Standard Error:** | 14.8 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.547005 | 50.0 | 512884.0 | 0.547005 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.736551 | 50.0 | 555060.0 | 0.54731 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 14.715517 | 50.0 | 493632.0 | 0.735776 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 31.530565 | 50.0 | 502958.0 | 0.630611 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 151.663398 | 50.0 | 505291.0 | 0.758317 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 288.655404 | 50.0 | 747325.0 | 0.577311 | Y |



## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

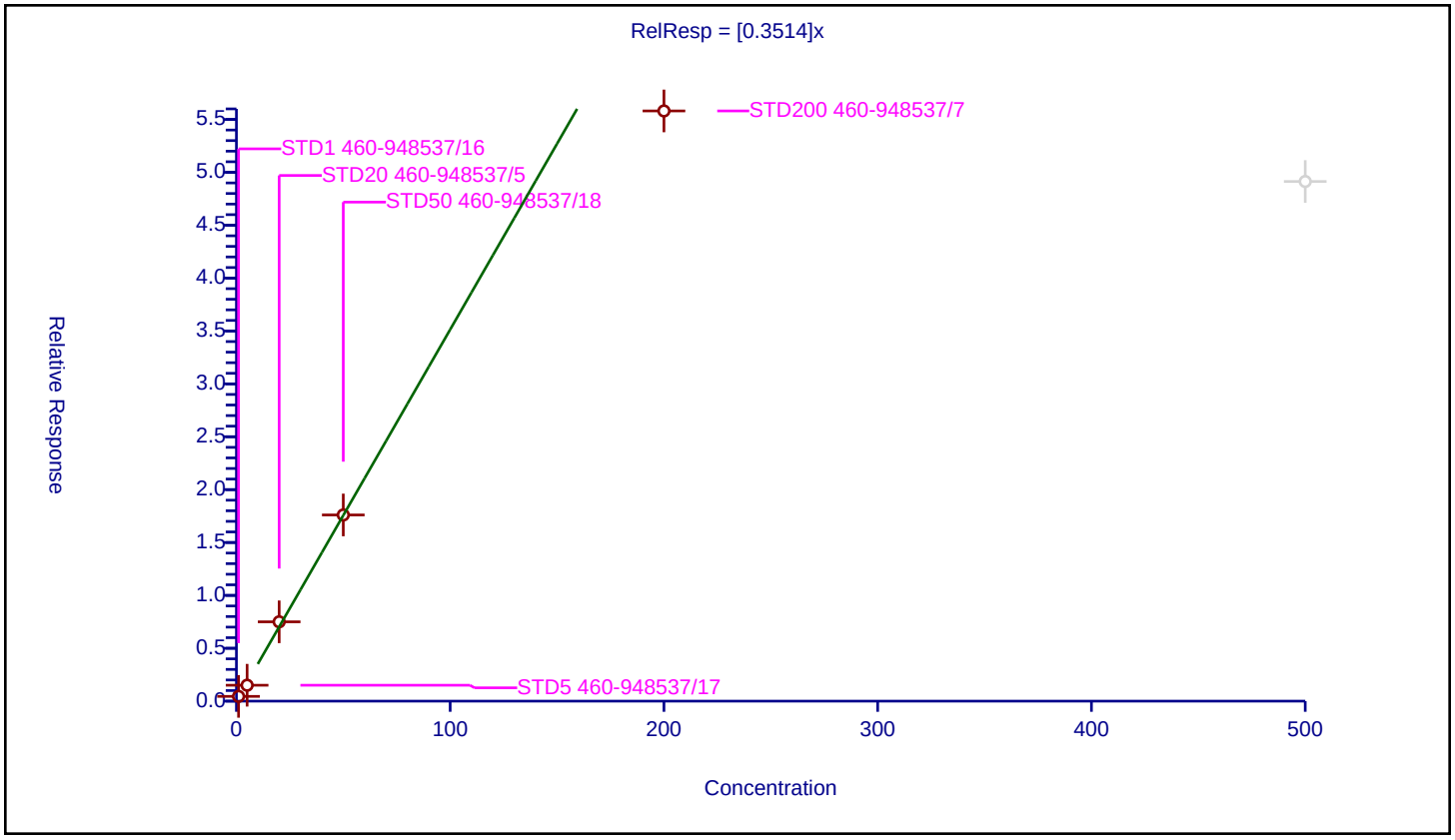
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3514 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 298000 |
| **Relative Standard Error:** | 19.1 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.950 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.450004 | 50.0 | 512884.0 | 0.450004 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.503621 | 50.0 | 555060.0 | 0.300724 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 7.500831 | 50.0 | 493632.0 | 0.375042 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 17.604054 | 50.0 | 502958.0 | 0.352081 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 55.805071 | 50.0 | 505291.0 | 0.279025 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 49.133643 | 50.0 | 747325.0 | 0.098267 | N |






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## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

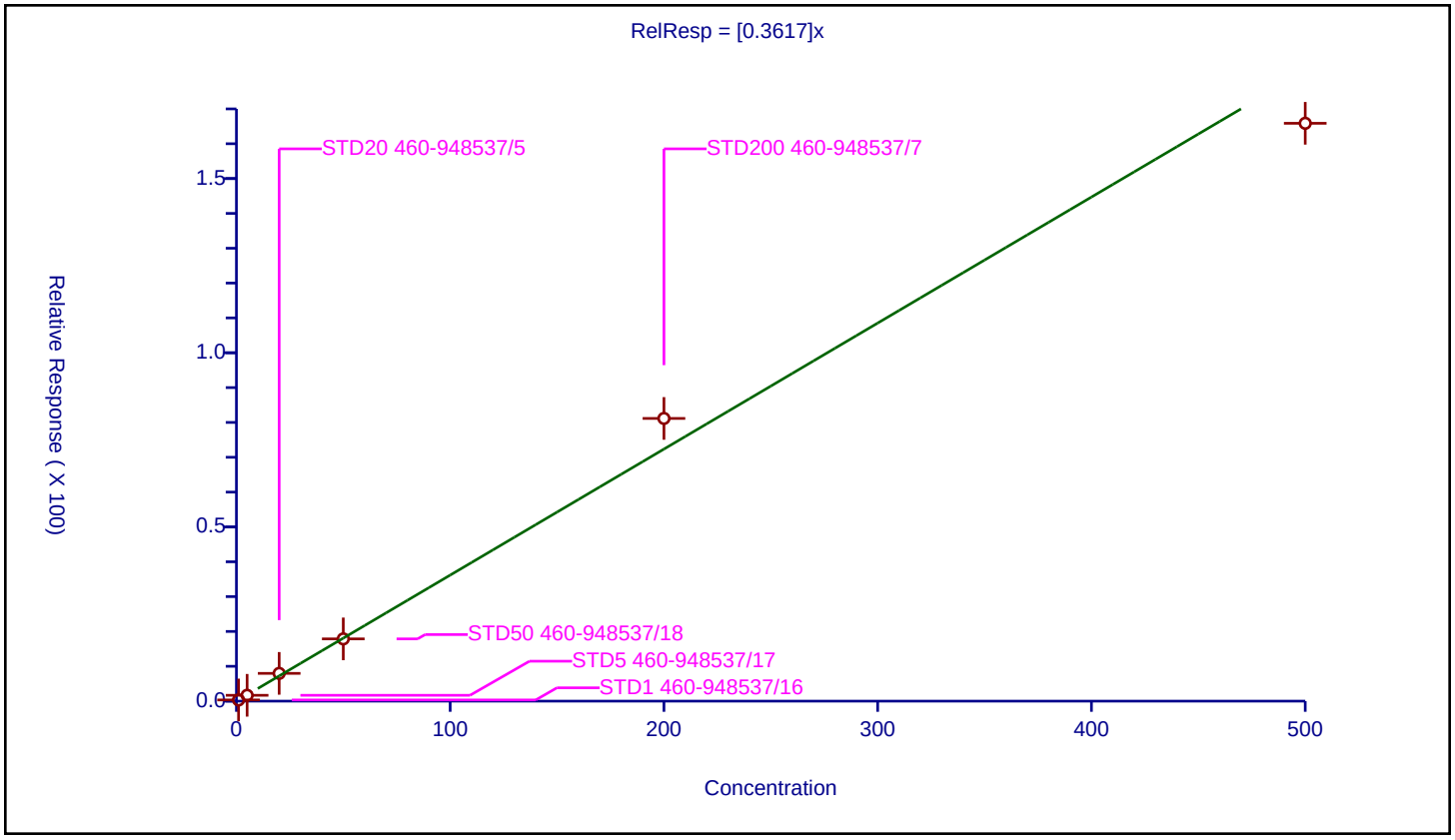
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3617 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1170000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.3415 | 50.0 | 512884.0 | 0.3415 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.678377 | 50.0 | 555060.0 | 0.335675 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 7.968183 | 50.0 | 493632.0 | 0.398409 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 17.868192 | 50.0 | 502958.0 | 0.357364 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 81.14532 | 50.0 | 505291.0 | 0.405727 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 165.861439 | 50.0 | 747325.0 | 0.331723 | Y |






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## Calibration / Dichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

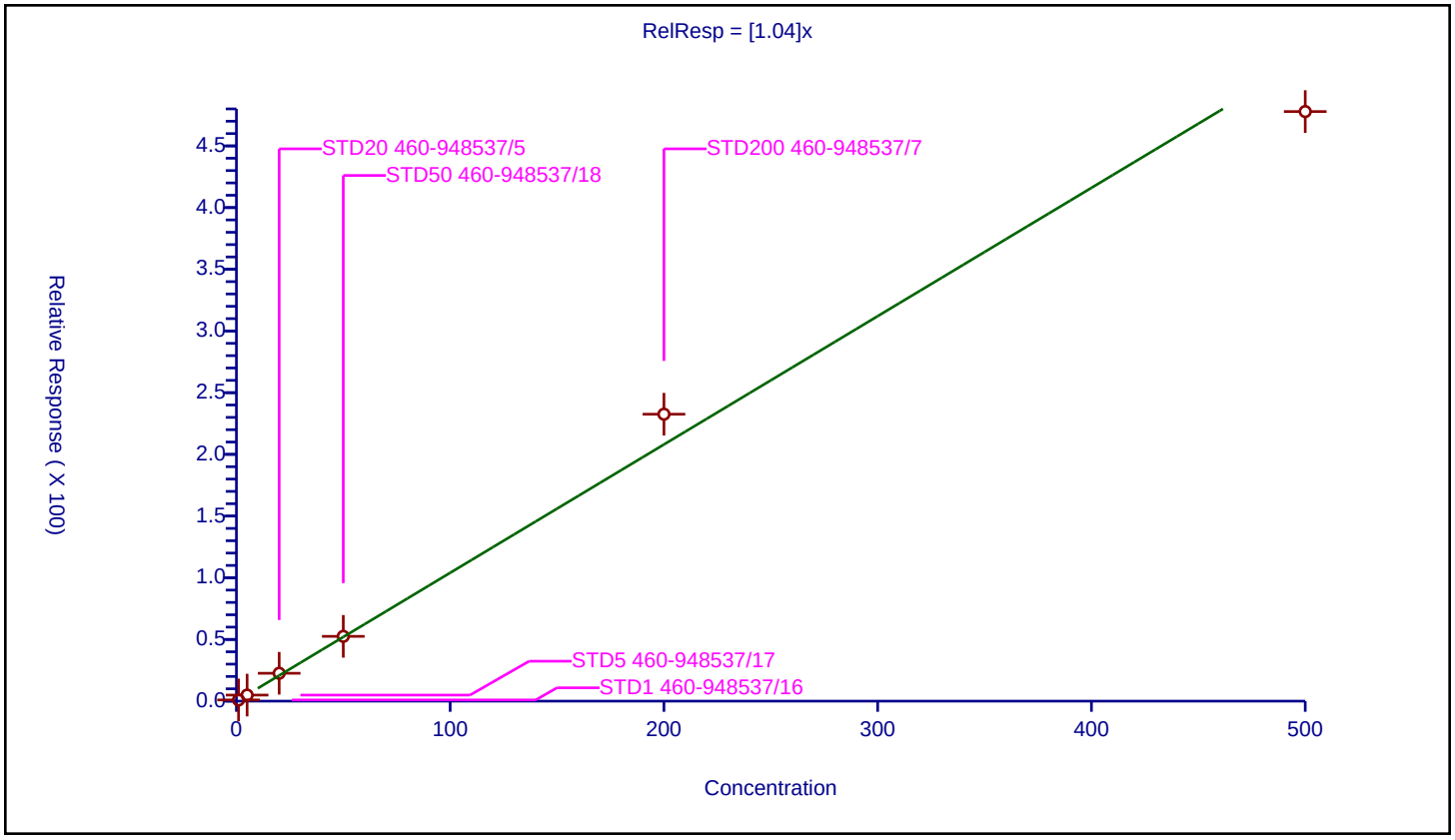
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.04 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3370000 |
| **Relative Standard Error:** | 8.6 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.960354 | 50.0 | 512884.0 | 0.960354 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 4.907668 | 50.0 | 555060.0 | 0.981534 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 22.591222 | 50.0 | 493632.0 | 1.129561 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 52.516811 | 50.0 | 502958.0 | 1.050336 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 232.557675 | 50.0 | 505291.0 | 1.162788 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 477.848058 | 50.0 | 747325.0 | 0.955696 | Y |






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## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

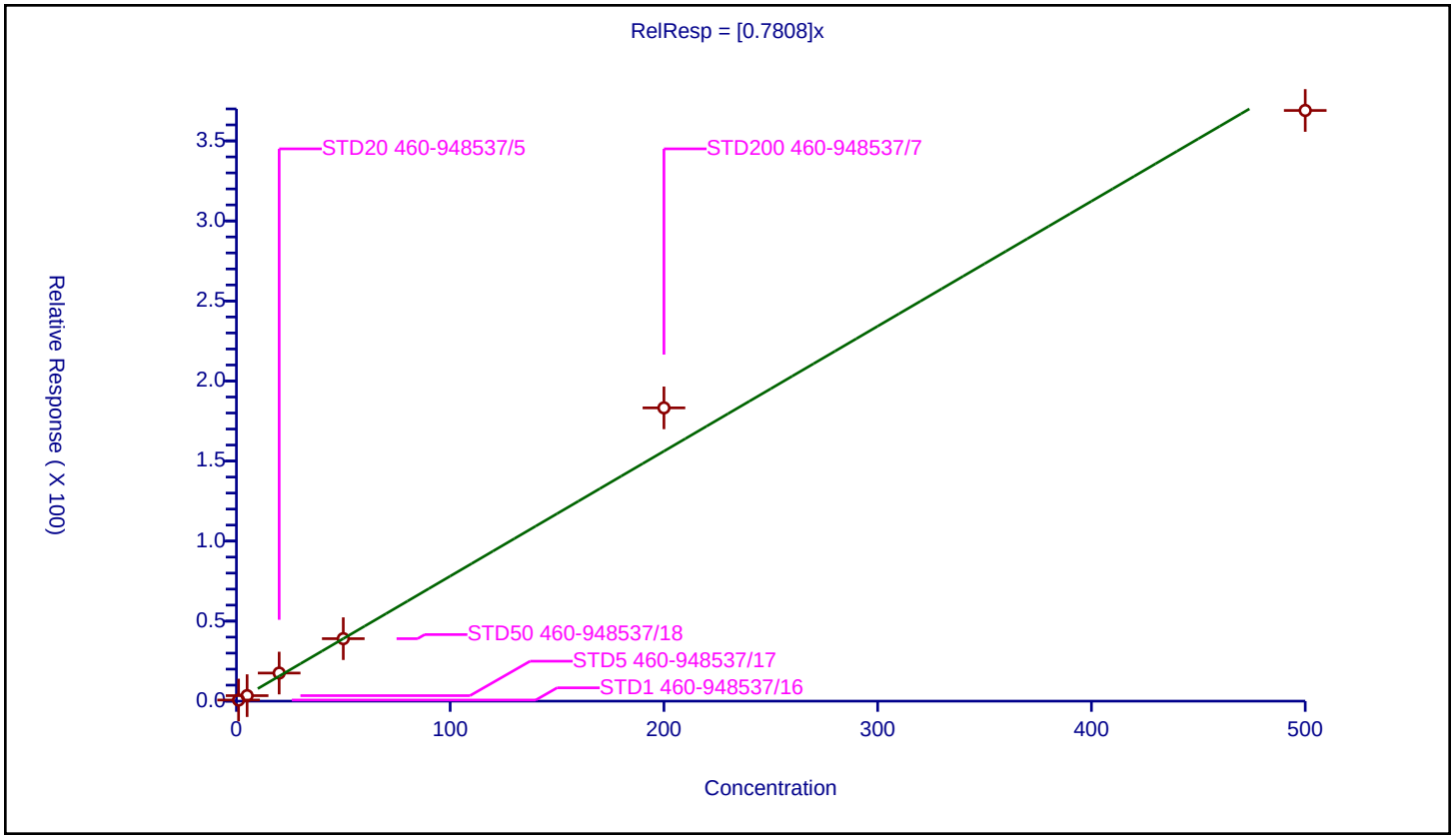
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7808 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2610000 |
| **Relative Standard Error:** | 12.4 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.684658 | 50.0 | 512884.0 | 0.684658 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.44125 | 50.0 | 555060.0 | 0.68825 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 17.538369 | 50.0 | 493632.0 | 0.876918 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 39.034174 | 50.0 | 502958.0 | 0.780683 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 183.224023 | 50.0 | 505291.0 | 0.91612 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 369.013548 | 50.0 | 747325.0 | 0.738027 | Y |






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## Calibration / Pentane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

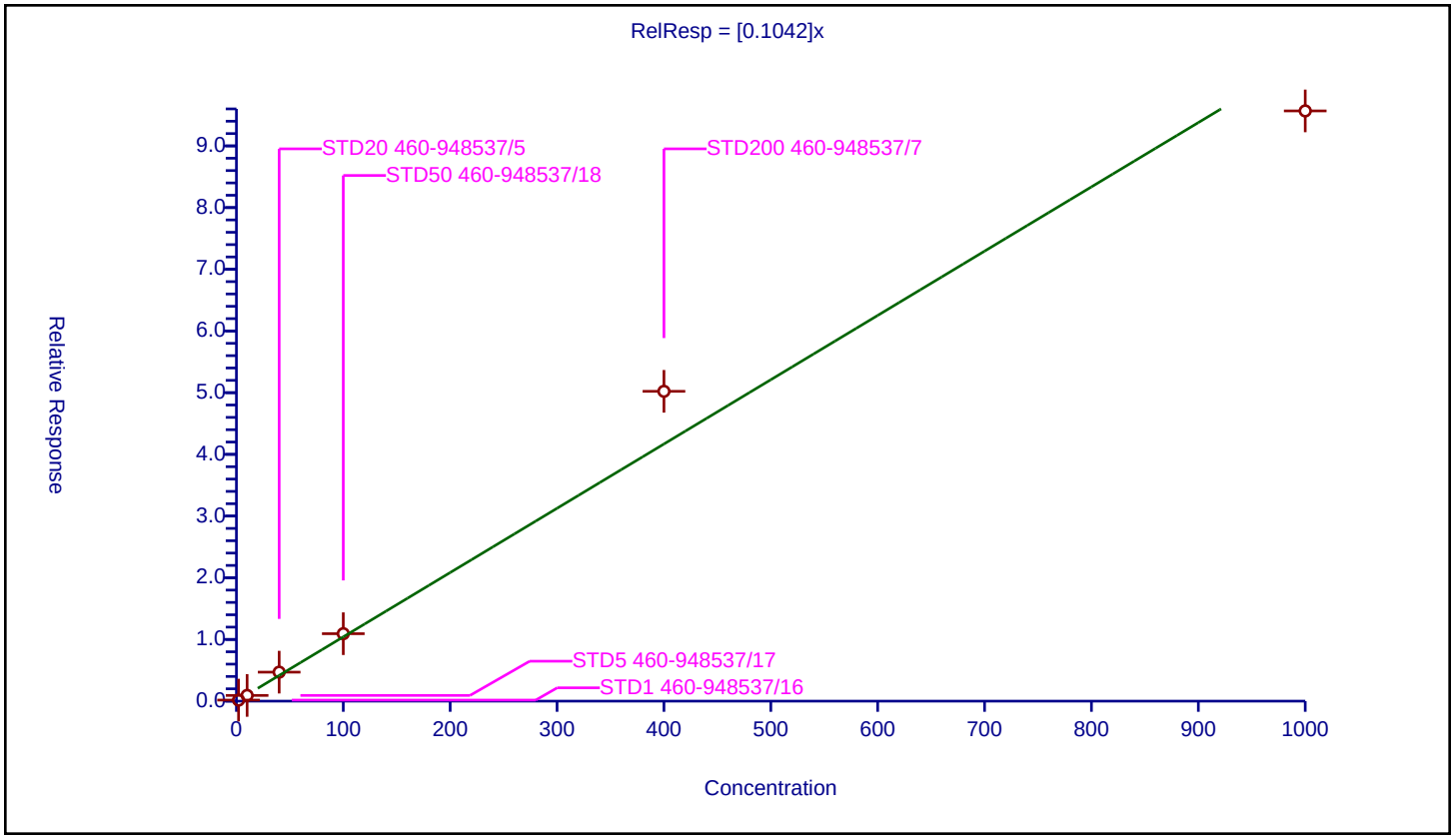
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1042 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 681000 |
| **Relative Standard Error:** | 15.2 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.977 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 2.0 | 0.168849 | 50.0 | 512884.0 | 0.084425 | Y |
| 2 | STD5 460-948537/17 | 10.0 | 0.927738 | 50.0 | 555060.0 | 0.092774 | Y |
| 3 | STD20 460-948537/5 | 40.0 | 4.698743 | 50.0 | 493632.0 | 0.117469 | Y |
| 4 | STD50 460-948537/18 | 100.0 | 10.931231 | 50.0 | 502958.0 | 0.109312 | Y |
| 5 | STD200 460-948537/7 | 400.0 | 50.221852 | 50.0 | 505291.0 | 0.125555 | Y |
| 6 | STD500 460-948537/8 | 1000.0 | 95.672632 | 50.0 | 747325.0 | 0.095673 | Y |



## Calibration / Ethanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

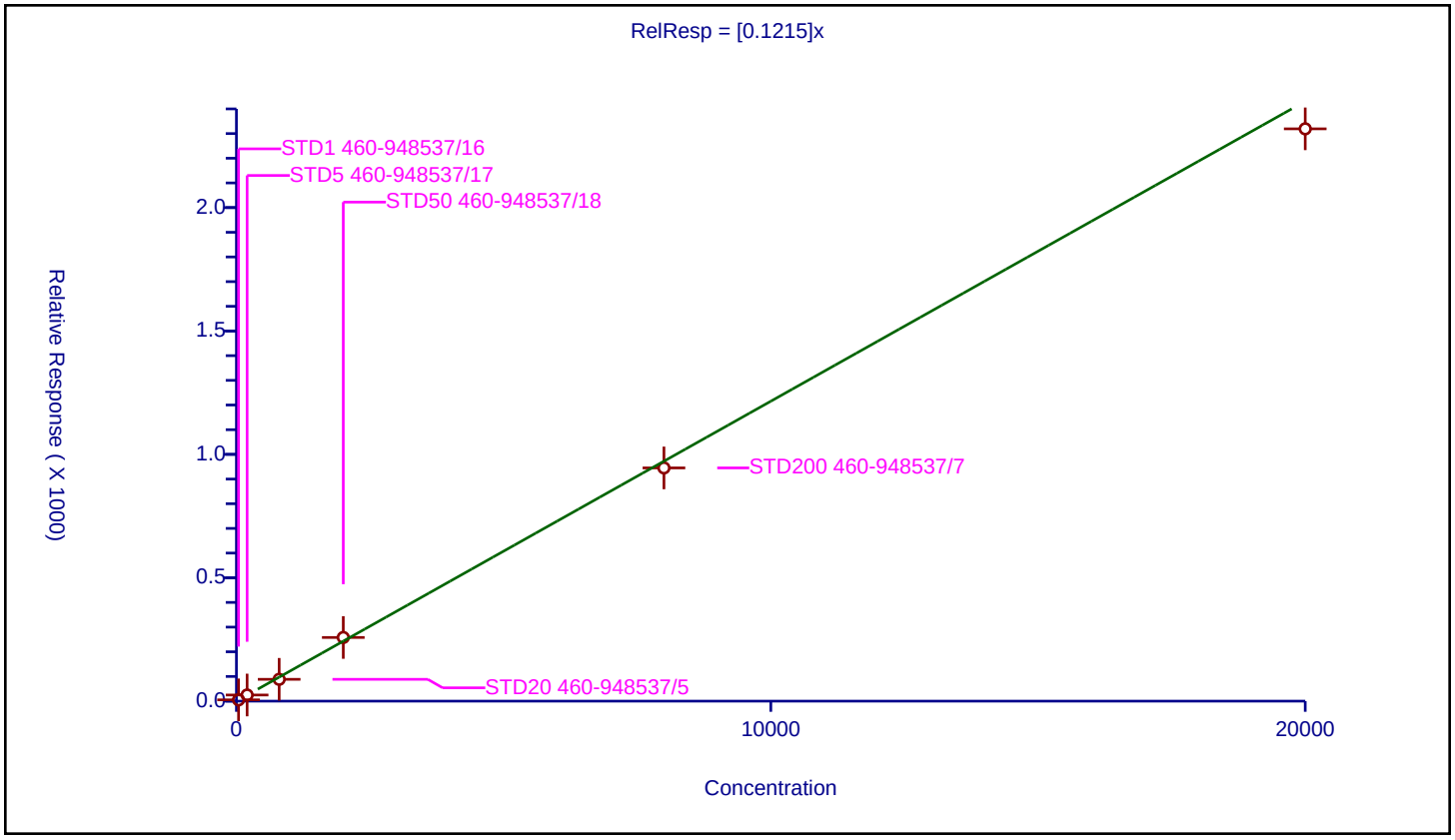
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1215 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 237000 |
| **Relative Standard Error:** | 6.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 40.0 | 5.249891 | 1000.0 | 172575.0 | 0.131247 | Y |
| 2 | STD5 460-948537/17 | 200.0 | 24.853567 | 1000.0 | 181141.0 | 0.124268 | Y |
| 3 | STD20 460-948537/5 | 800.0 | 88.493259 | 1000.0 | 194851.0 | 0.110617 | Y |
| 4 | STD50 460-948537/18 | 2000.0 | 258.003535 | 1000.0 | 178796.0 | 0.129002 | Y |
| 5 | STD200 460-948537/7 | 8000.0 | 945.094332 | 1000.0 | 192512.0 | 0.118137 | Y |
| 6 | STD500 460-948537/8 | 20000.0 | 2319.20523 | 1000.0 | 214301.0 | 0.11596 | Y |






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## Calibration / Ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

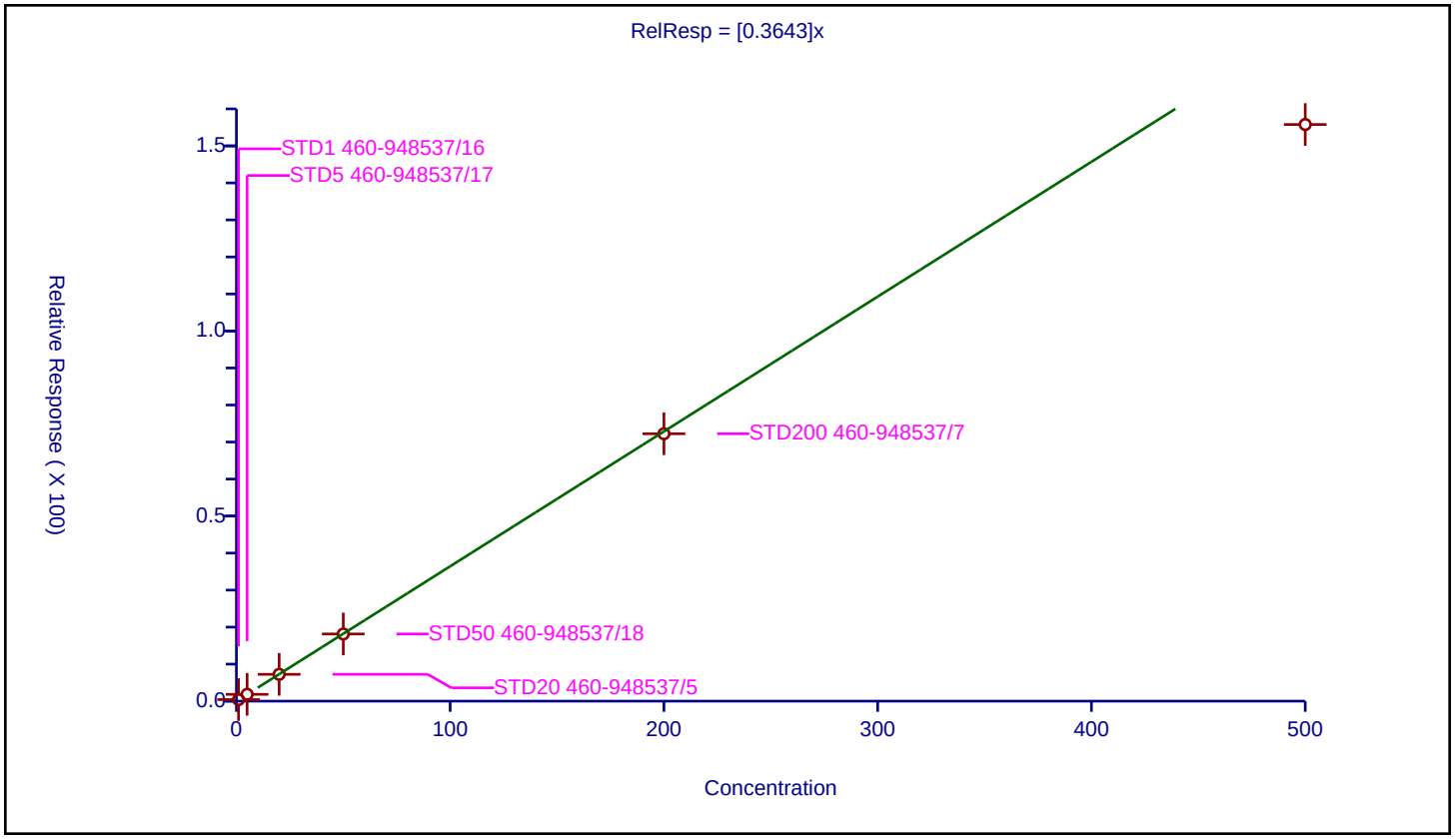
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3643 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1090000 |
| **Relative Standard Error:** | 9.5 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.42066 | 50.0 | 512884.0 | 0.42066 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.836738 | 50.0 | 555060.0 | 0.367348 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 7.239806 | 50.0 | 493632.0 | 0.36199 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 18.141376 | 50.0 | 502958.0 | 0.362828 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 72.24055 | 50.0 | 505291.0 | 0.361203 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 155.777674 | 50.0 | 747325.0 | 0.311555 | Y |






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## 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 |

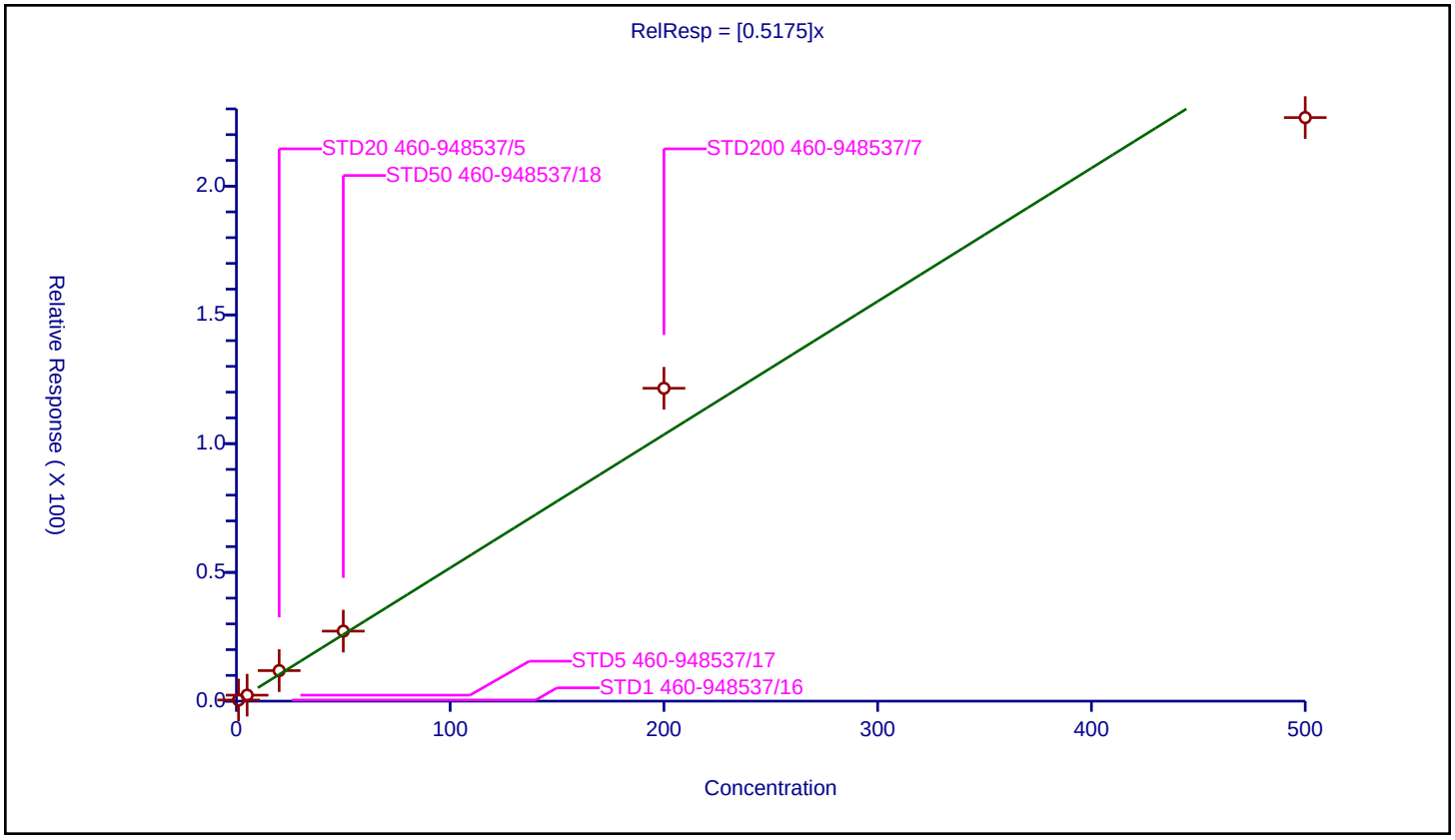
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5175 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1620000 |
| **Relative Standard Error:** | 14.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.979 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.443668 | 50.0 | 512884.0 | 0.443668 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.32092 | 50.0 | 555060.0 | 0.464184 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 11.856707 | 50.0 | 493632.0 | 0.592835 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 27.183483 | 50.0 | 502958.0 | 0.54367 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 121.508893 | 50.0 | 505291.0 | 0.607544 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 226.626234 | 50.0 | 747325.0 | 0.453252 | Y |



## Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

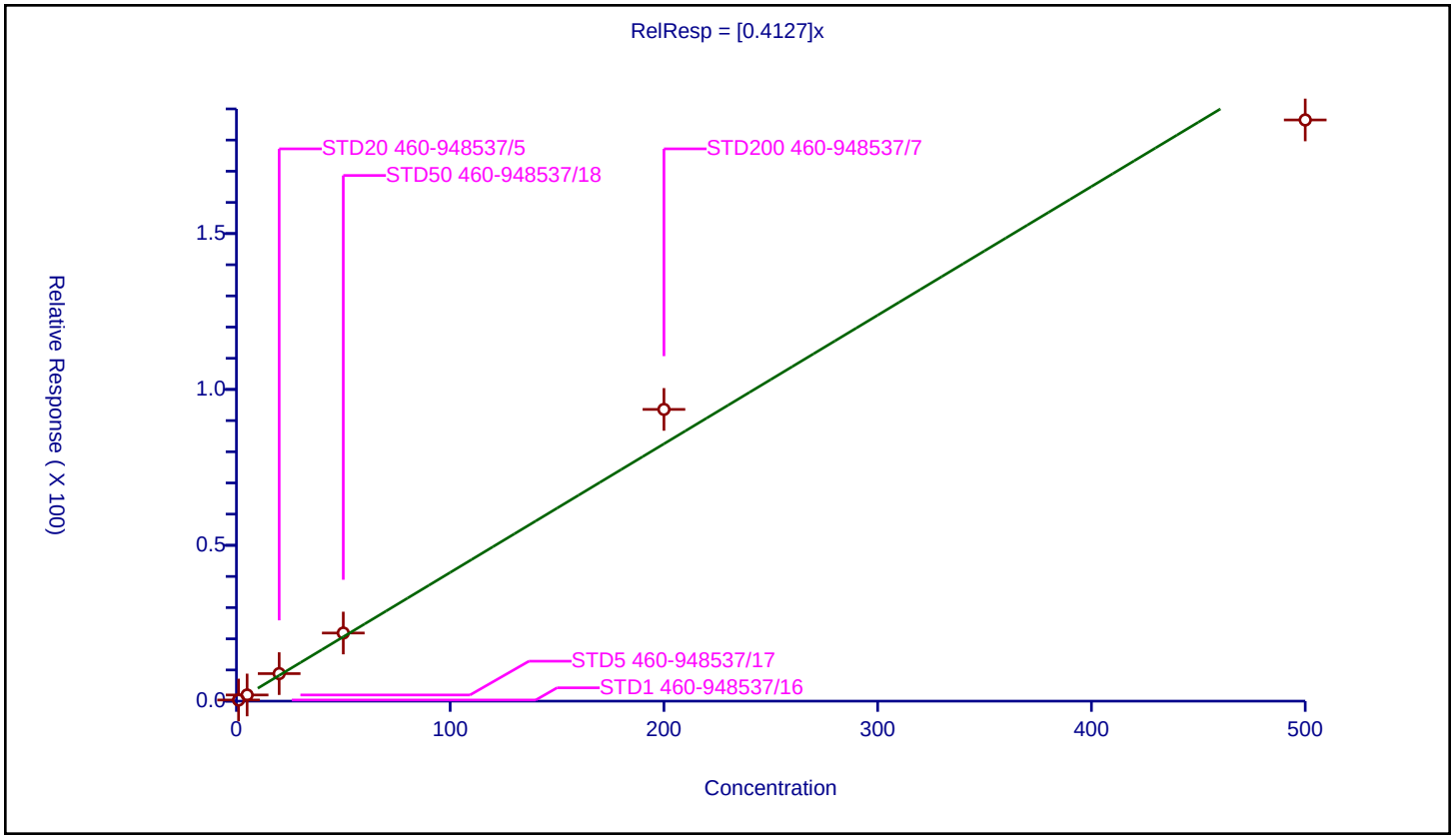
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4127 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1320000 |
| **Relative Standard Error:** | 10.3 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.361095 | 50.0 | 512884.0 | 0.361095 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.980326 | 50.0 | 555060.0 | 0.396065 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 8.82773 | 50.0 | 493632.0 | 0.441386 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 21.848544 | 50.0 | 502958.0 | 0.436971 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 93.588348 | 50.0 | 505291.0 | 0.467942 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 186.452347 | 50.0 | 747325.0 | 0.372905 | Y |






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## Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

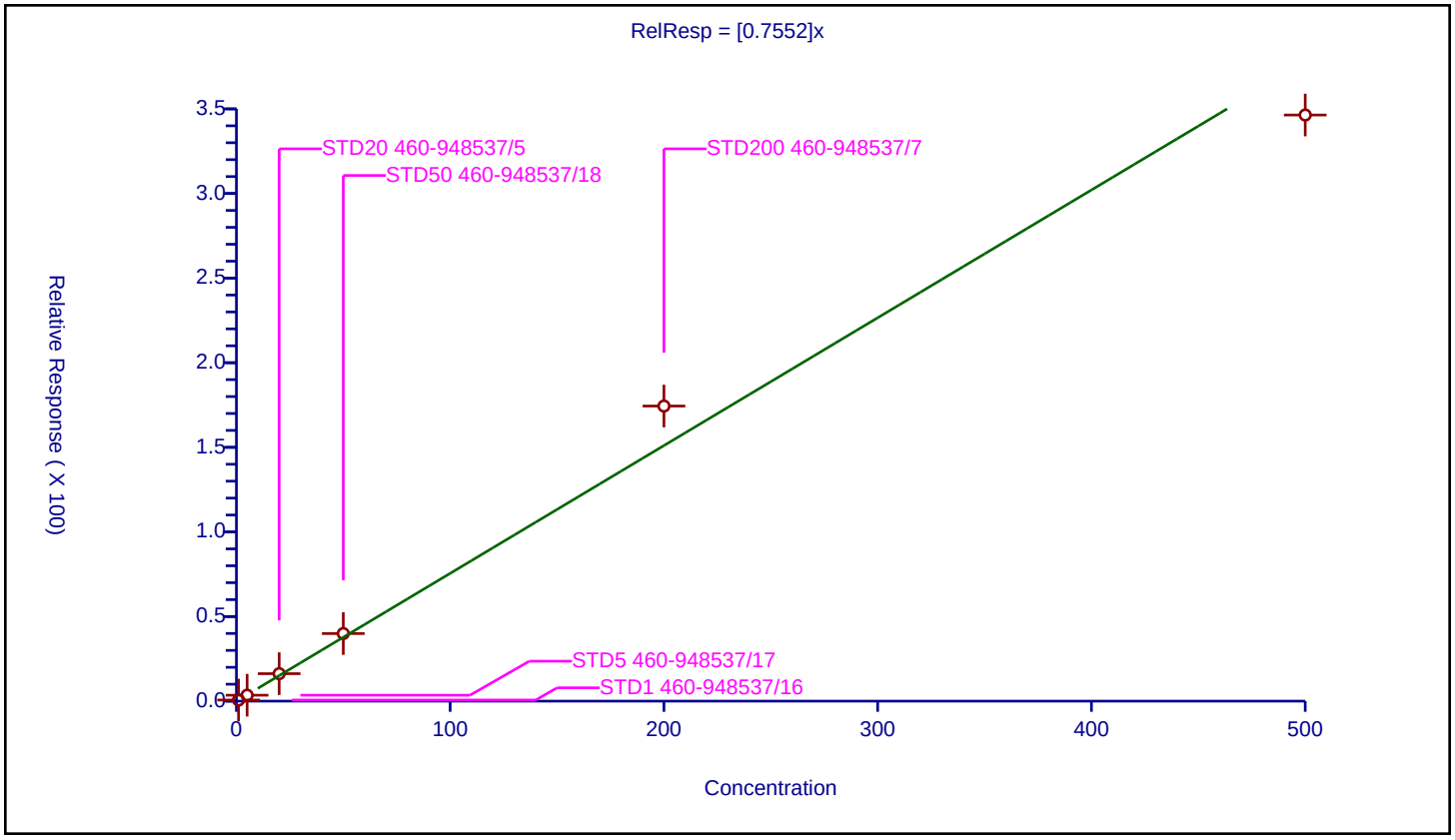
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7552 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2450000 |
| **Relative Standard Error:** | 11.2 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.655021 | 50.0 | 512884.0 | 0.655021 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.503946 | 50.0 | 555060.0 | 0.700789 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 16.234462 | 50.0 | 493632.0 | 0.811723 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 39.946178 | 50.0 | 502958.0 | 0.798924 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 174.388125 | 50.0 | 505291.0 | 0.871941 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 346.385843 | 50.0 | 747325.0 | 0.692772 | Y |






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## 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 |

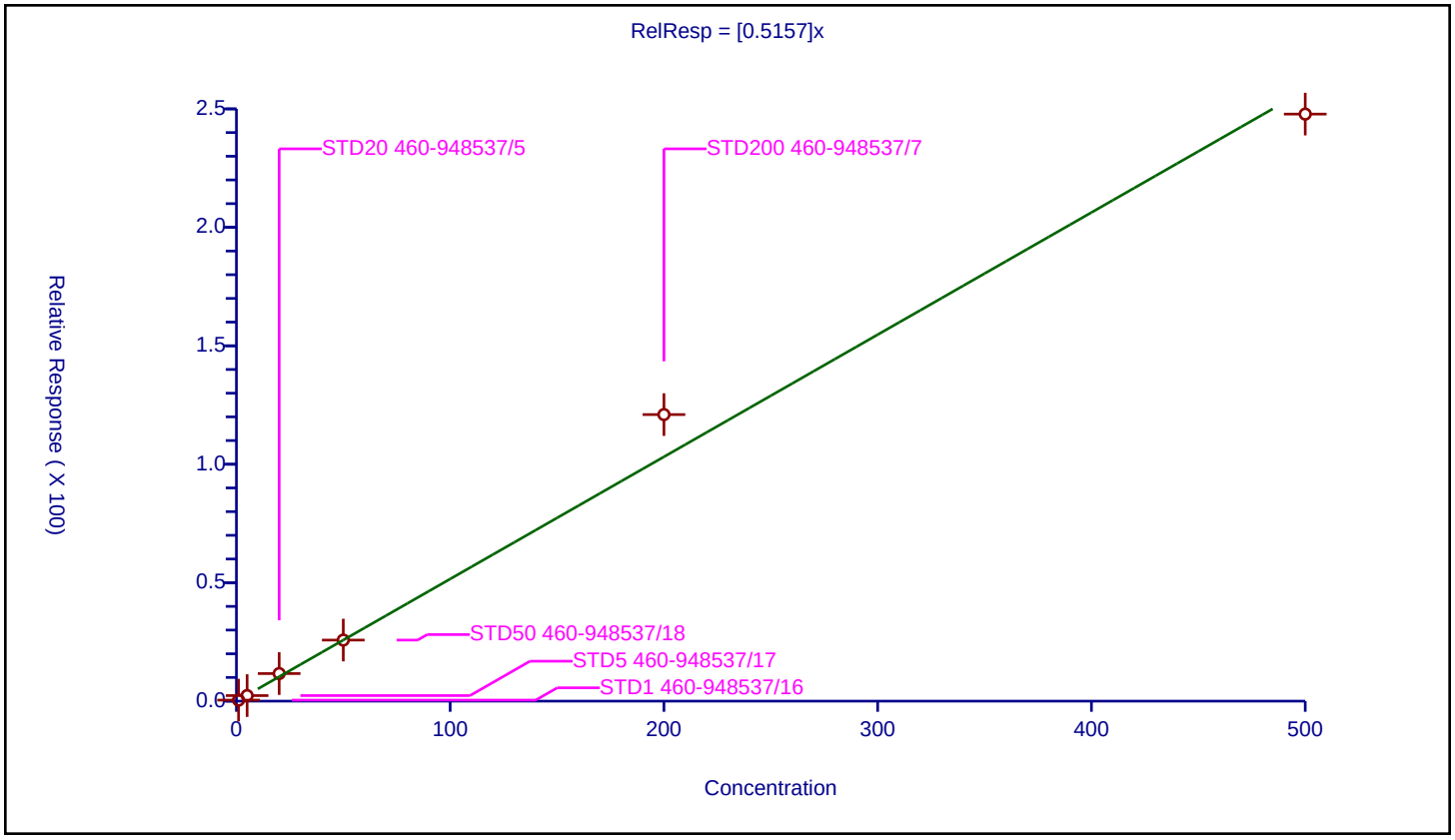
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5157 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1750000 |
| **Relative Standard Error:** | 13.1 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.428167 | 50.0 | 512884.0 | 0.428167 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.340197 | 50.0 | 555060.0 | 0.468039 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 11.639035 | 50.0 | 493632.0 | 0.581952 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 25.777997 | 50.0 | 502958.0 | 0.51556 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 120.961288 | 50.0 | 505291.0 | 0.604806 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 247.810725 | 50.0 | 747325.0 | 0.495621 | Y |



## Calibration / Acrolein

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

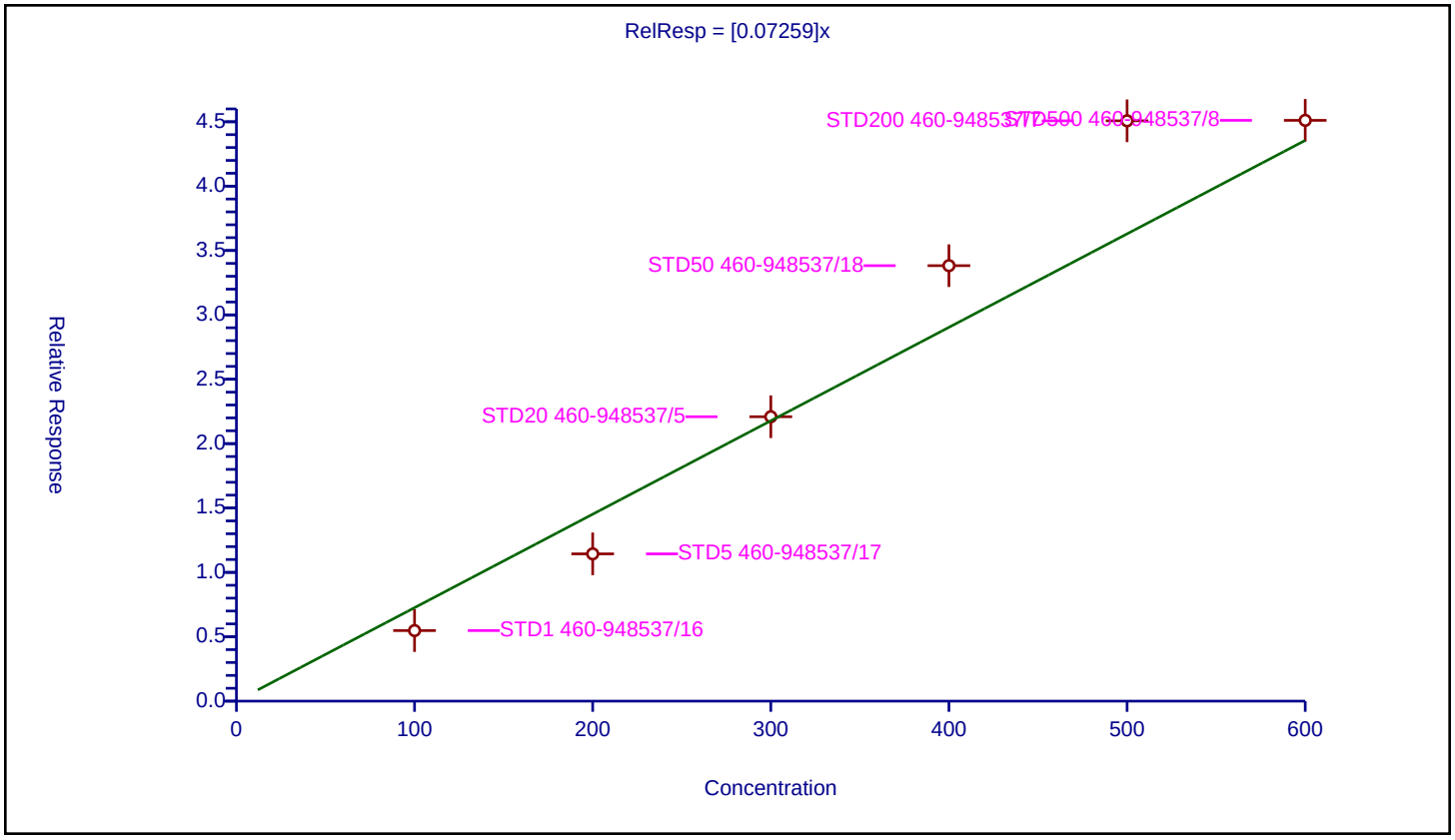
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07259 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 411000 |
| **Relative Standard Error:** | 19.6 |
| **Correlation Coefficient:** | 0.964 |
| **Coefficient of Determination (Adjusted):** | 0.935 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 100.0 | 5.479894 | 50.0 | 512884.0 | 0.054799 | Y |
| 2 | STD5 460-948537/17 | 200.0 | 11.438133 | 50.0 | 555060.0 | 0.057191 | Y |
| 3 | STD20 460-948537/5 | 300.0 | 22.09095 | 50.0 | 493632.0 | 0.073637 | Y |
| 4 | STD50 460-948537/18 | 400.0 | 33.824594 | 50.0 | 502958.0 | 0.084561 | Y |
| 5 | STD200 460-948537/7 | 500.0 | 45.075907 | 50.0 | 505291.0 | 0.090152 | Y |
| 6 | STD500 460-948537/8 | 600.0 | 45.110427 | 50.0 | 747325.0 | 0.075184 | Y |



## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

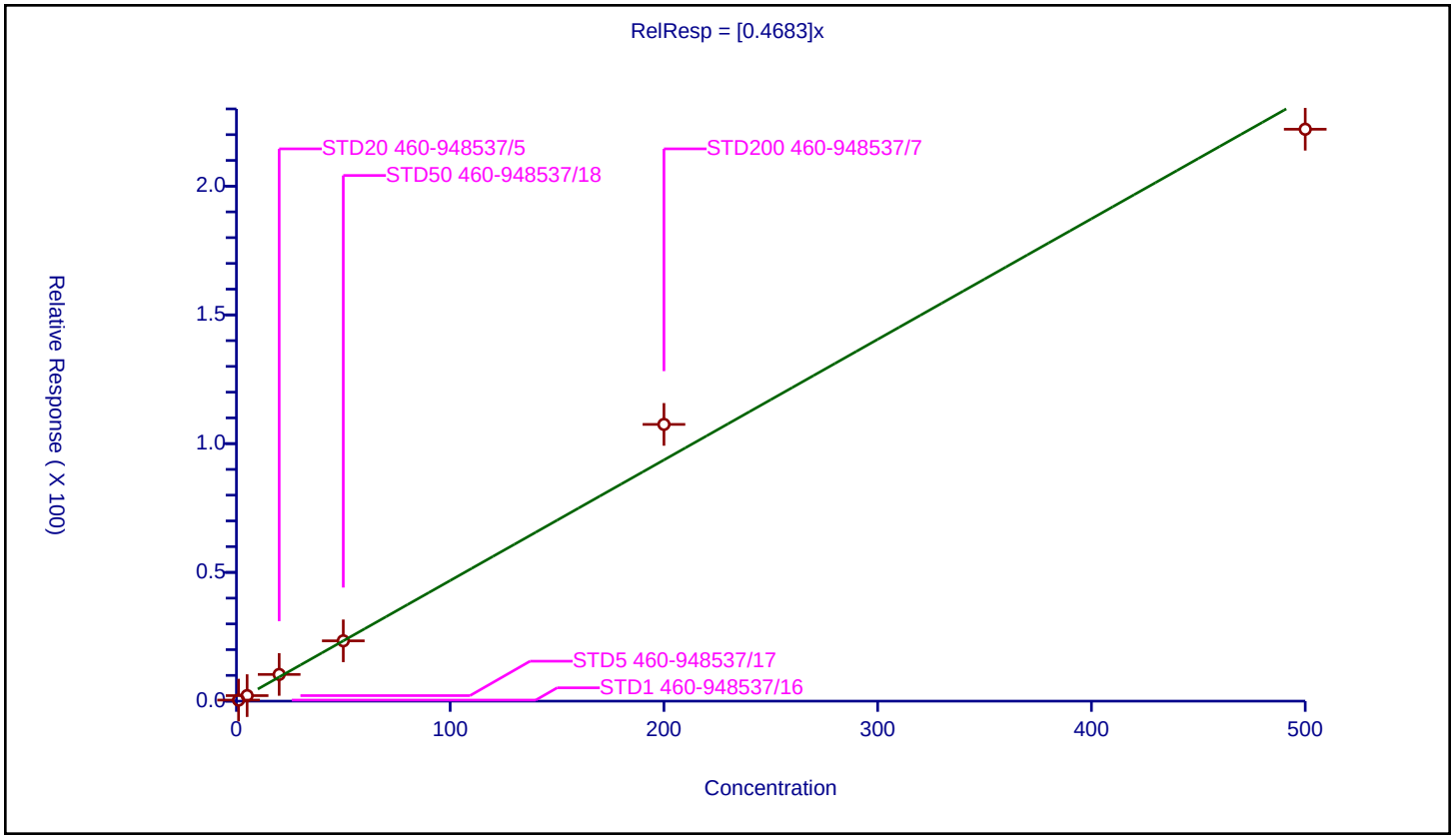
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4683 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1570000 |
| **Relative Standard Error:** | 10.7 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.411984 | 50.0 | 512884.0 | 0.411984 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.146885 | 50.0 | 555060.0 | 0.429377 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 10.368351 | 50.0 | 493632.0 | 0.518418 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 23.427602 | 50.0 | 502958.0 | 0.468552 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 107.468766 | 50.0 | 505291.0 | 0.537344 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 222.100425 | 50.0 | 747325.0 | 0.444201 | Y |



## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

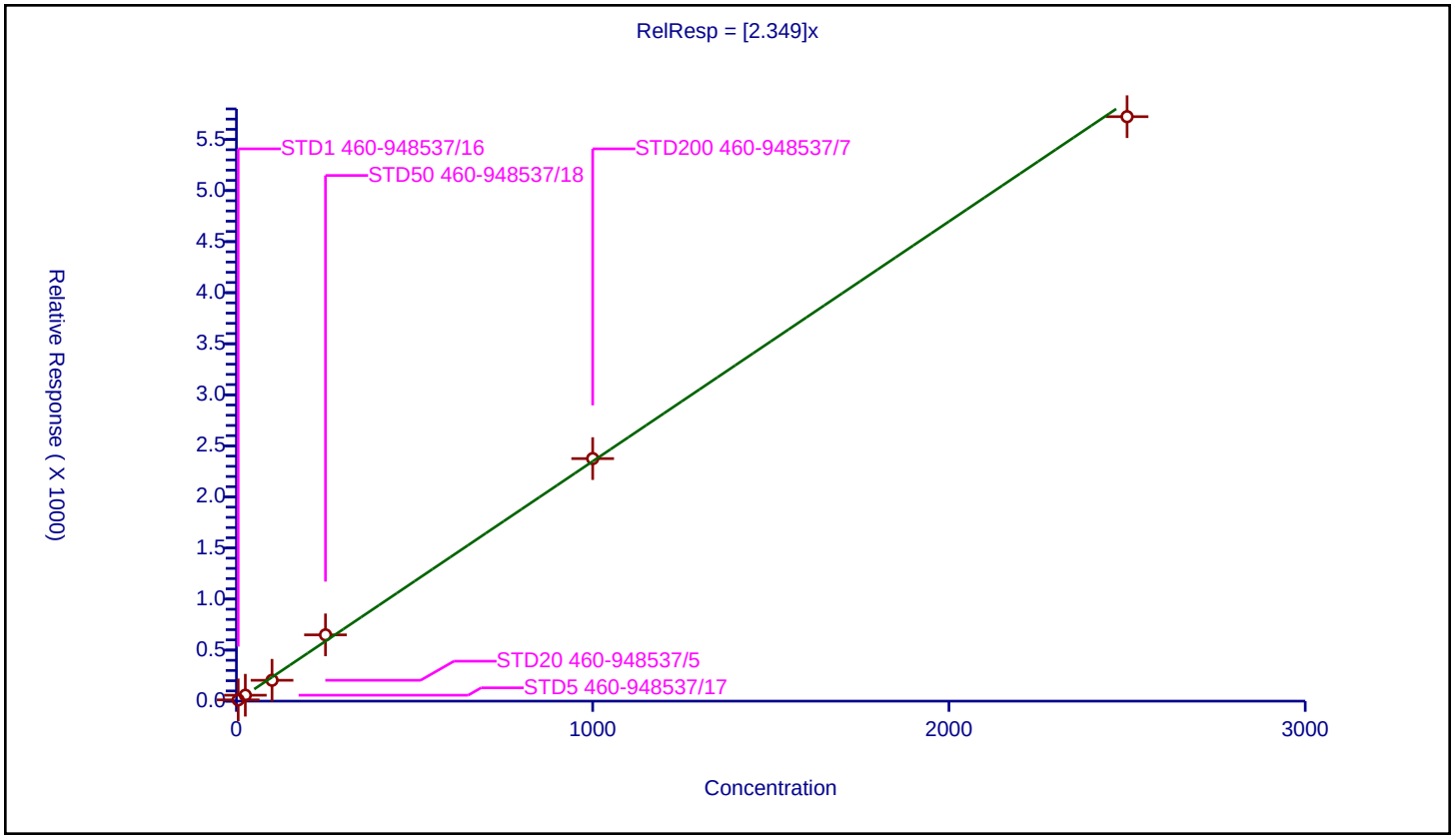
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.349 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2100000 |
| **Relative Standard Error:** | 7.9 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 5.0 | 12.302758 | 250.0 | 144683.0 | 2.460552 | Y |
| 2 | STD5 460-948537/17 | 25.0 | 58.15048 | 250.0 | 141826.0 | 2.326019 | Y |
| 3 | STD20 460-948537/5 | 100.0 | 204.465233 | 250.0 | 152702.0 | 2.044652 | Y |
| 4 | STD50 460-948537/18 | 250.0 | 648.959101 | 250.0 | 146604.0 | 2.595836 | Y |
| 5 | STD200 460-948537/7 | 1000.0 | 2375.251458 | 250.0 | 158078.0 | 2.375251 | Y |
| 6 | STD500 460-948537/8 | 2500.0 | 5723.866815 | 250.0 | 194121.0 | 2.289547 | Y |



## Calibration / Iodomethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

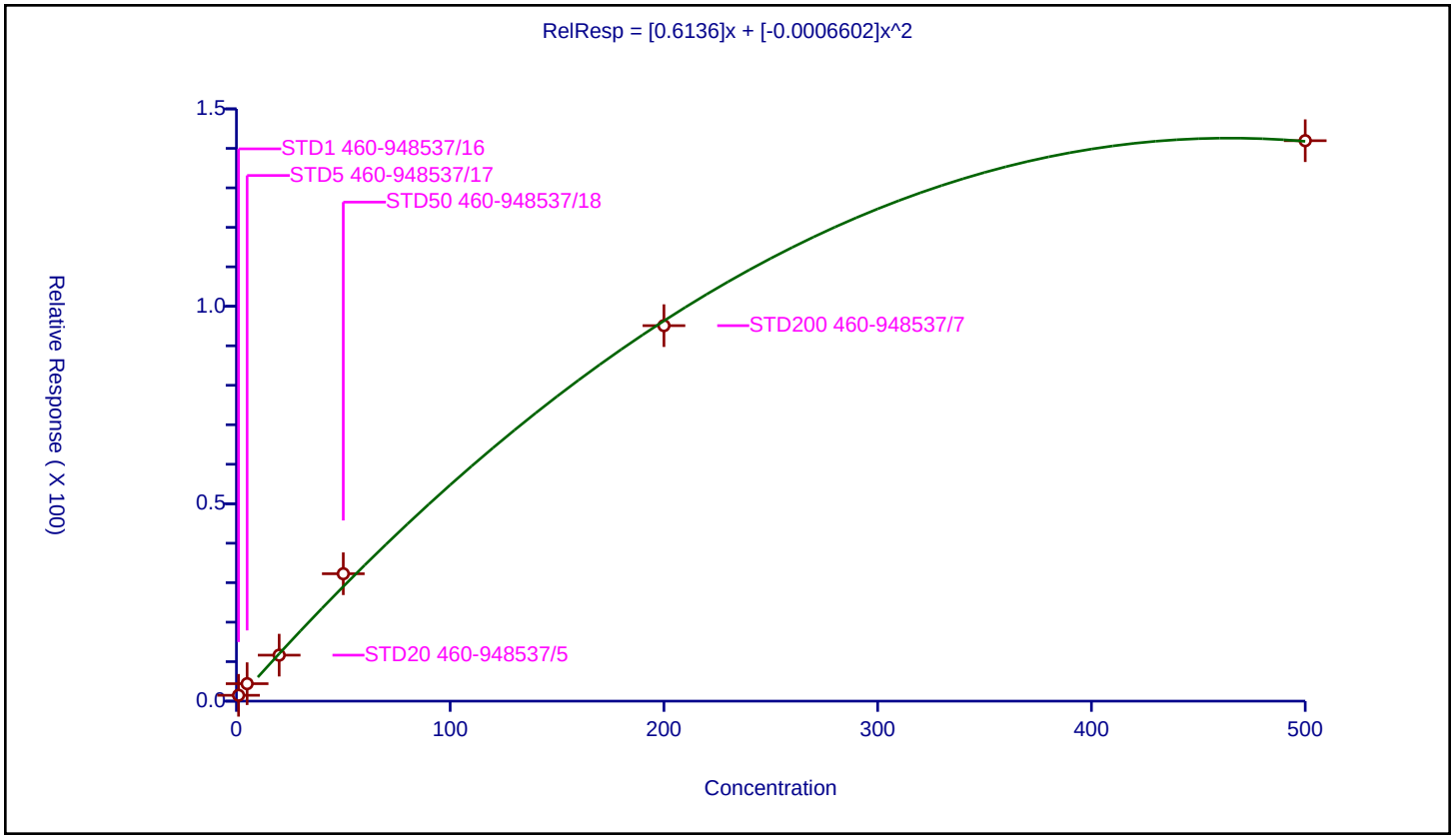
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6136 |
| **Second Order:** | -0.0006602 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1180000 |
| **Relative Standard Error:** | 75.2 |
| **Correlation Coefficient:** | 0.955 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.482986 | 50.0 | 512884.0 | 1.482986 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 4.422135 | 50.0 | 555060.0 | 0.884427 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 11.644201 | 50.0 | 493632.0 | 0.58221 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 32.264722 | 50.0 | 502958.0 | 0.645294 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 95.103119 | 50.0 | 505291.0 | 0.475516 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 141.942528 | 50.0 | 747325.0 | 0.283885 | Y |



## Calibration / Carbon disulfide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

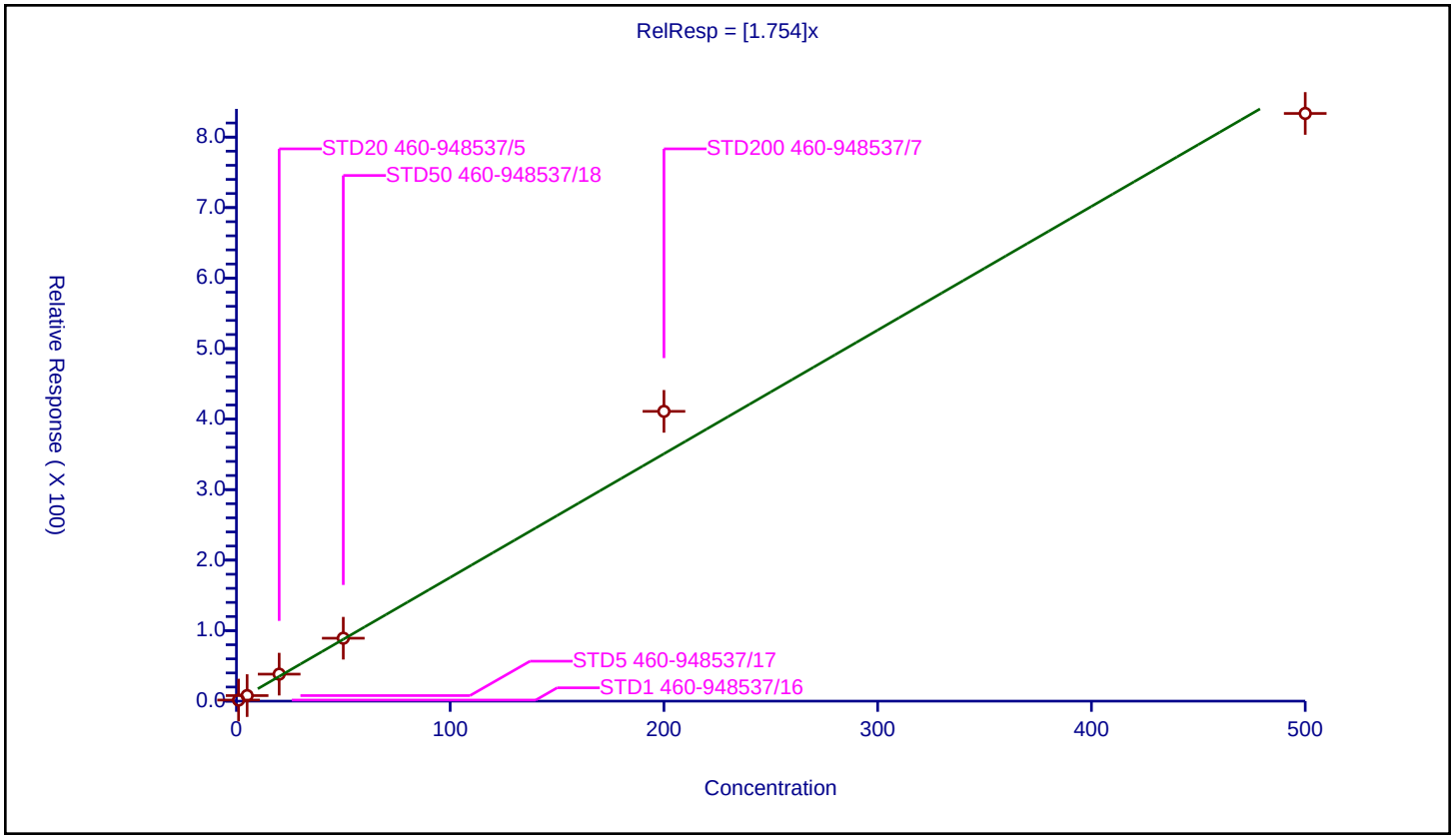
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.754 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5890000 |
| **Relative Standard Error:** | 11.6 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.529488 | 50.0 | 512884.0 | 1.529488 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 7.874014 | 50.0 | 555060.0 | 1.574803 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 38.274261 | 50.0 | 493632.0 | 1.913713 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 89.245921 | 50.0 | 502958.0 | 1.784918 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 411.014742 | 50.0 | 505291.0 | 2.055074 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 833.52999 | 50.0 | 747325.0 | 1.66706 | Y |



## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

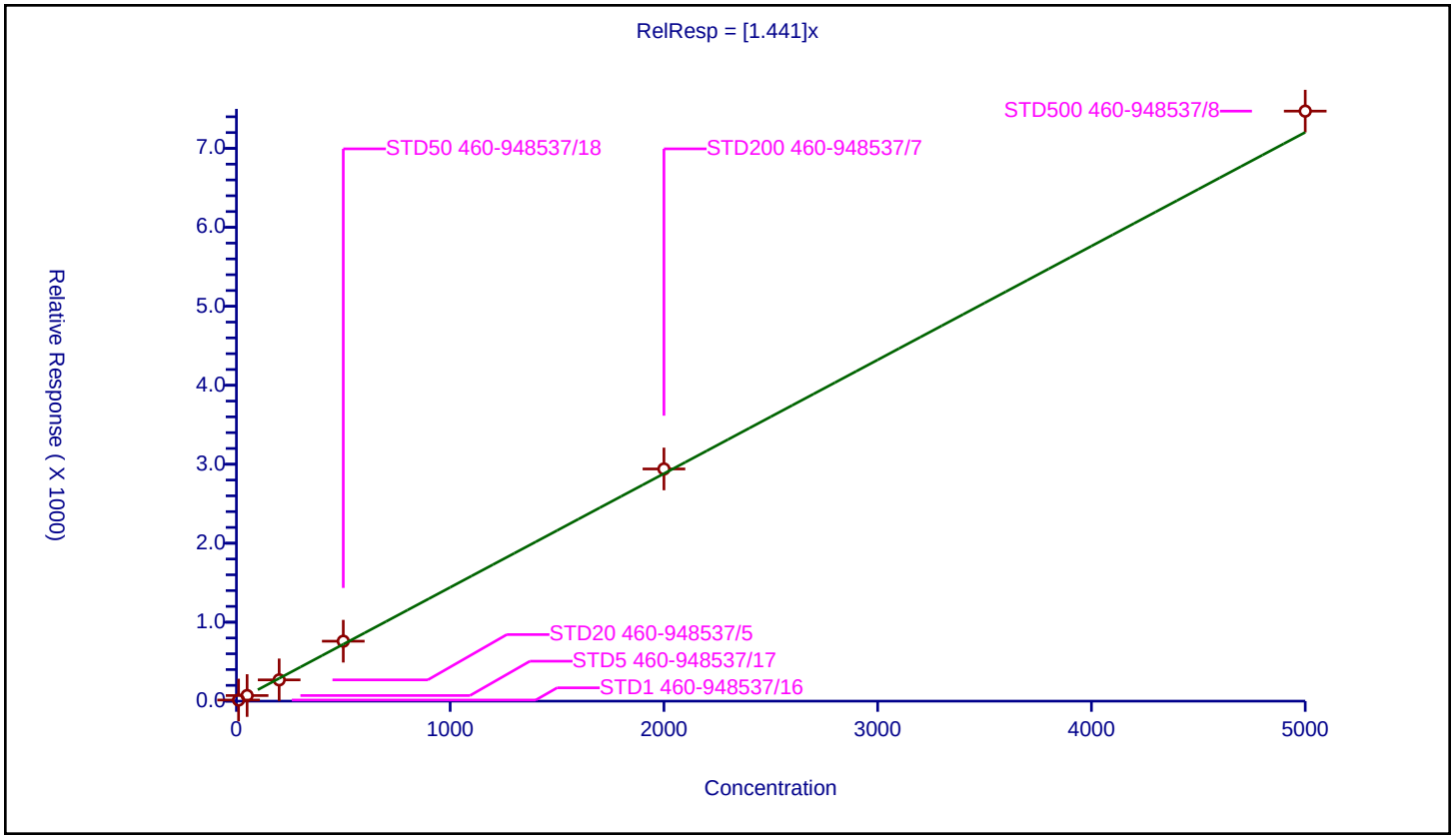
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.441 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 759000 |
| **Relative Standard Error:** | 4.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 10.0 | 13.93597 | 1000.0 | 172575.0 | 1.393597 | Y |
| 2 | STD5 460-948537/17 | 50.0 | 71.044104 | 1000.0 | 181141.0 | 1.420882 | Y |
| 3 | STD20 460-948537/5 | 200.0 | 269.303211 | 1000.0 | 194851.0 | 1.346516 | Y |
| 4 | STD50 460-948537/18 | 500.0 | 759.211615 | 1000.0 | 178796.0 | 1.518423 | Y |
| 5 | STD200 460-948537/7 | 2000.0 | 2940.195936 | 1000.0 | 192512.0 | 1.470098 | Y |
| 6 | STD500 460-948537/8 | 5000.0 | 7471.794345 | 1000.0 | 214301.0 | 1.494359 | Y |



## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

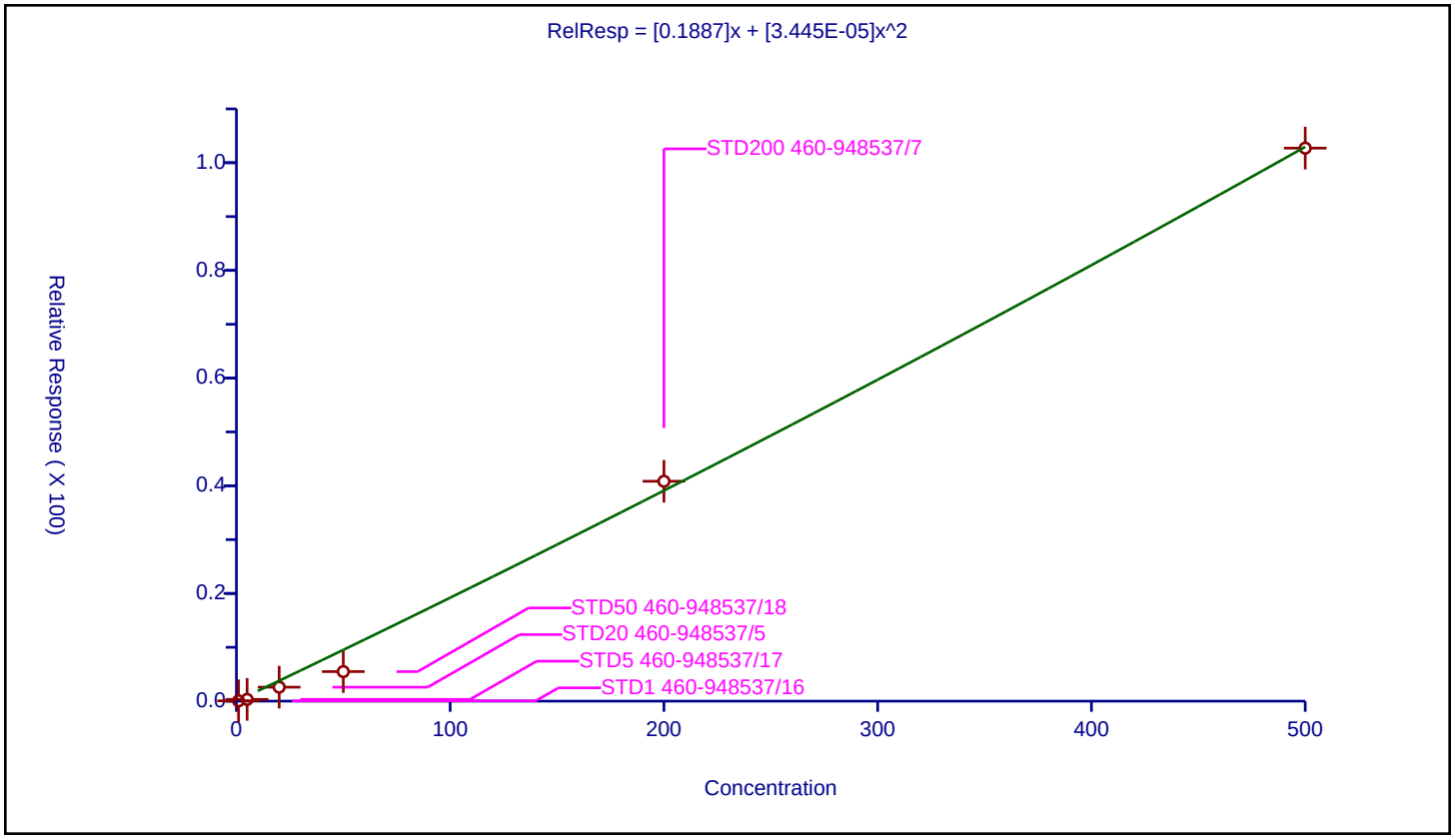
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1887 |
| **Second Order:** | 3.445E-05 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 795000 |
| **Relative Standard Error:** | 54.8 |
| **Correlation Coefficient:** | 0.988 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.056251 | 50.0 | 512884.0 | 0.056251 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 0.323659 | 50.0 | 555060.0 | 0.064732 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 2.59576 | 50.0 | 493632.0 | 0.129788 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 5.487436 | 50.0 | 502958.0 | 0.109749 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 40.840822 | 50.0 | 505291.0 | 0.204204 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 102.711672 | 50.0 | 747325.0 | 0.205423 | Y |



## Calibration / Cyclopentene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

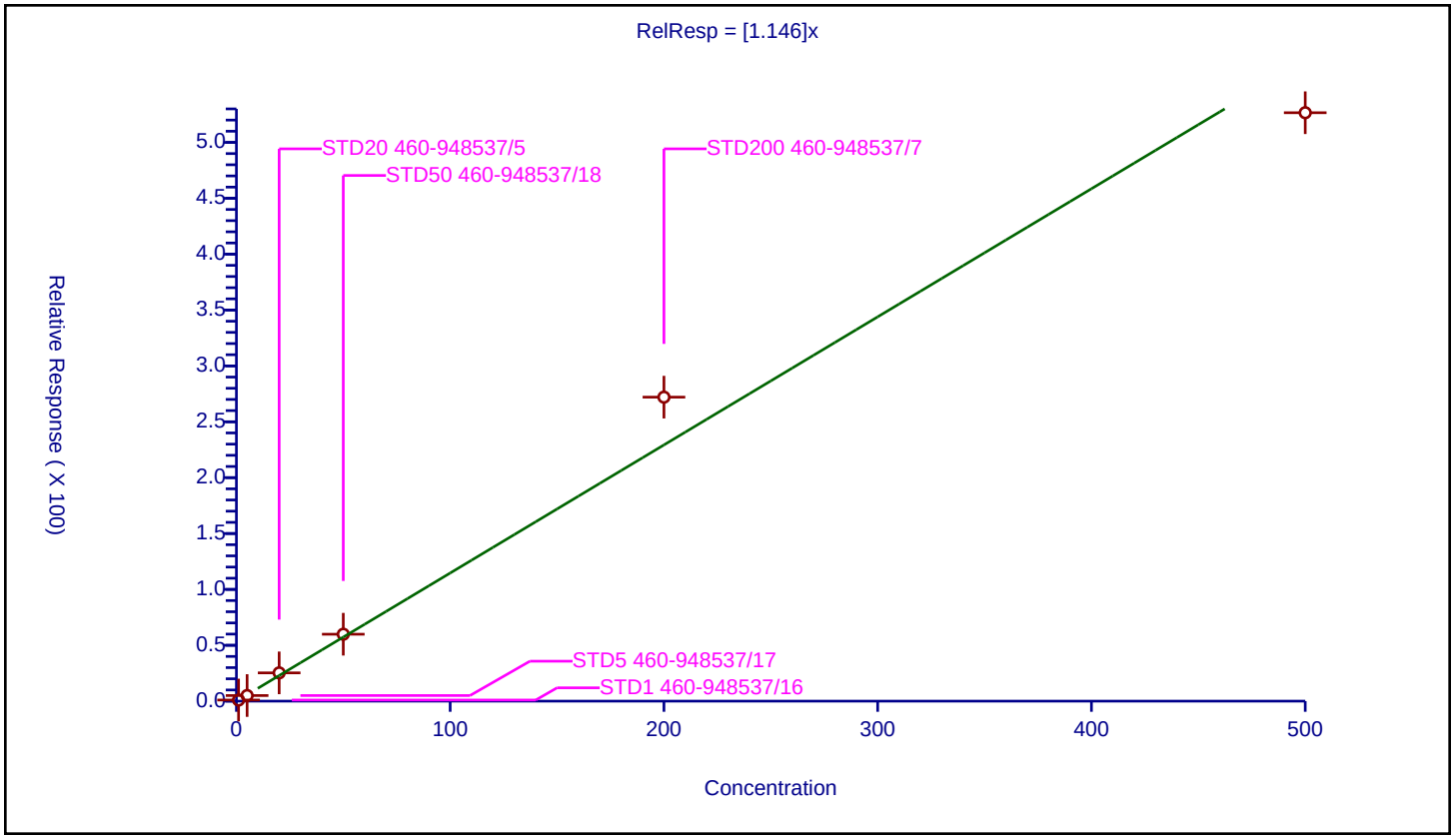
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.146 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3740000 |
| **Relative Standard Error:** | 13.1 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.999544 | 50.0 | 512884.0 | 0.999544 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 5.012161 | 50.0 | 555060.0 | 1.002432 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 25.306909 | 50.0 | 493632.0 | 1.265345 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 59.874184 | 50.0 | 502958.0 | 1.197484 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 272.027505 | 50.0 | 505291.0 | 1.360138 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 526.561068 | 50.0 | 747325.0 | 1.053122 | Y |



## Calibration / Methyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

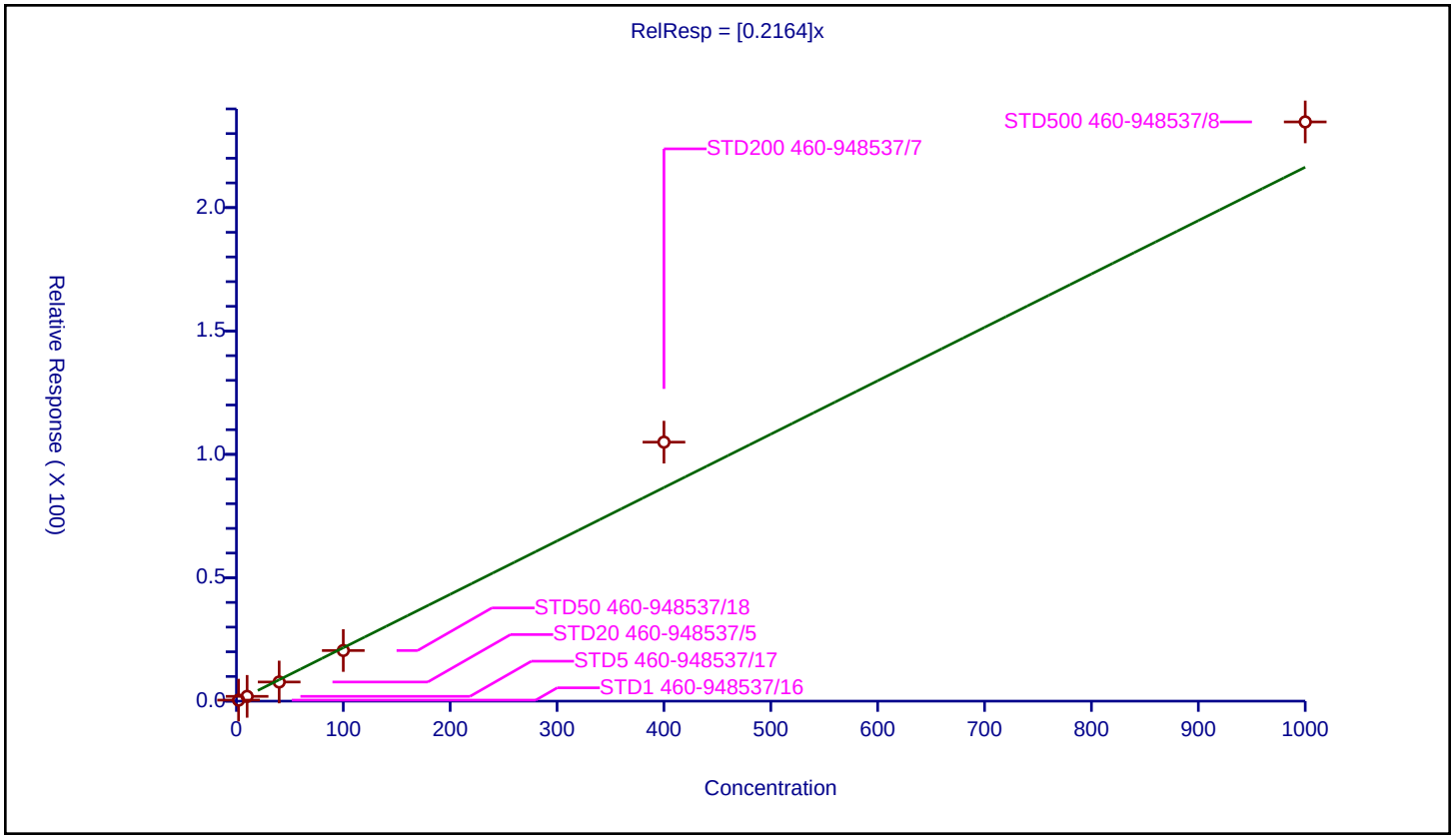
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2164 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1640000 |
| **Relative Standard Error:** | 12.5 |
| **Correlation Coefficient:** | 0.991 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 2.0 | 0.417833 | 50.0 | 512884.0 | 0.208917 | Y |
| 2 | STD5 460-948537/17 | 10.0 | 1.933034 | 50.0 | 555060.0 | 0.193303 | Y |
| 3 | STD20 460-948537/5 | 40.0 | 7.750612 | 50.0 | 493632.0 | 0.193765 | Y |
| 4 | STD50 460-948537/18 | 100.0 | 20.514536 | 50.0 | 502958.0 | 0.205145 | Y |
| 5 | STD200 460-948537/7 | 400.0 | 104.959518 | 50.0 | 505291.0 | 0.262399 | Y |
| 6 | STD500 460-948537/8 | 1000.0 | 234.721574 | 50.0 | 747325.0 | 0.234722 | Y |






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## Calibration / Acetonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

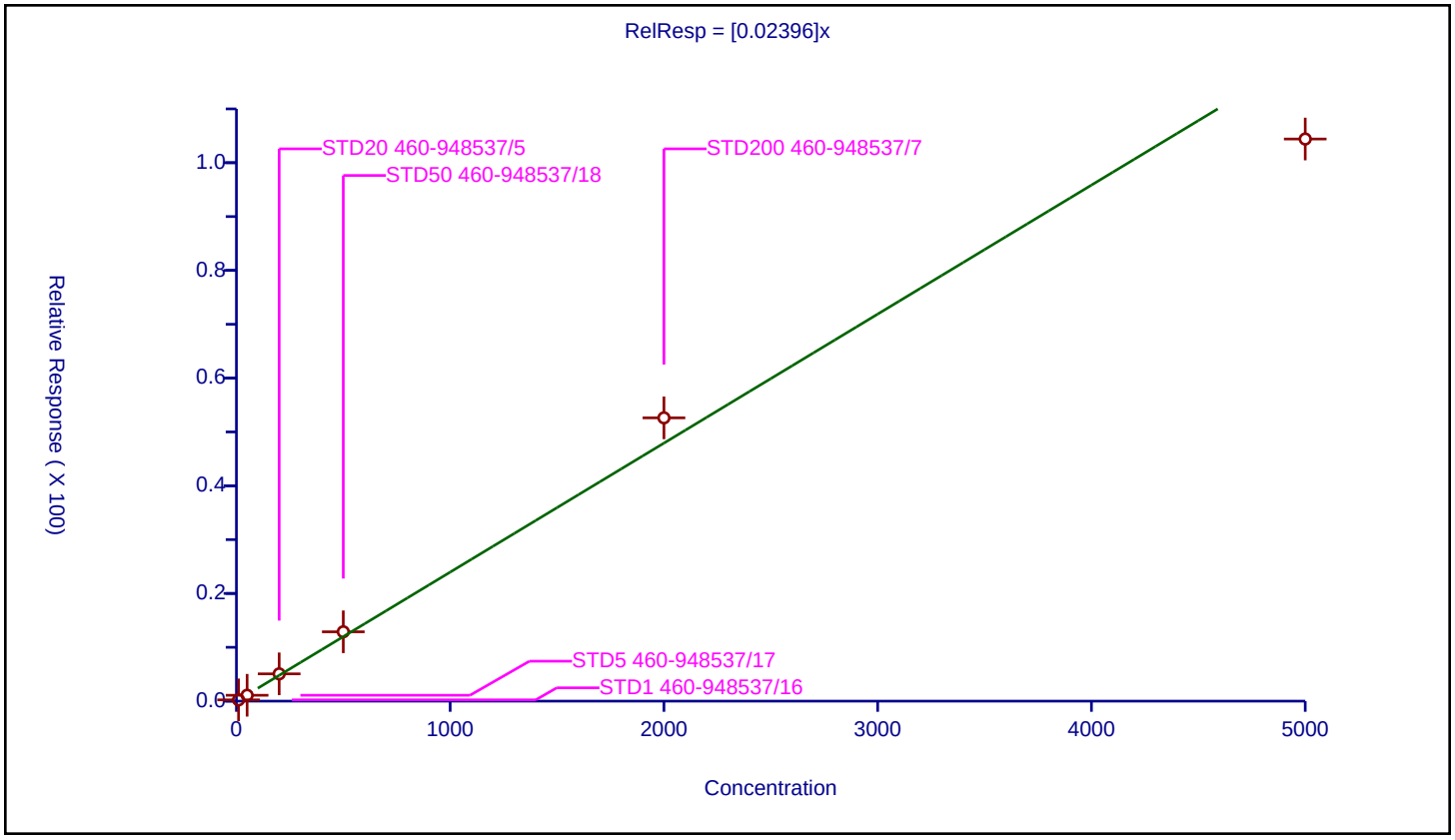
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02396 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 740000 |
| **Relative Standard Error:** | 9.3 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 10.0 | 0.236506 | 50.0 | 512884.0 | 0.023651 | Y |
| 2 | STD5 460-948537/17 | 50.0 | 1.091504 | 50.0 | 555060.0 | 0.02183 | Y |
| 3 | STD20 460-948537/5 | 200.0 | 5.067034 | 50.0 | 493632.0 | 0.025335 | Y |
| 4 | STD50 460-948537/18 | 500.0 | 12.880897 | 50.0 | 502958.0 | 0.025762 | Y |
| 5 | STD200 460-948537/7 | 2000.0 | 52.617304 | 50.0 | 505291.0 | 0.026309 | Y |
| 6 | STD500 460-948537/8 | 5000.0 | 104.404911 | 50.0 | 747325.0 | 0.020881 | Y |



## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

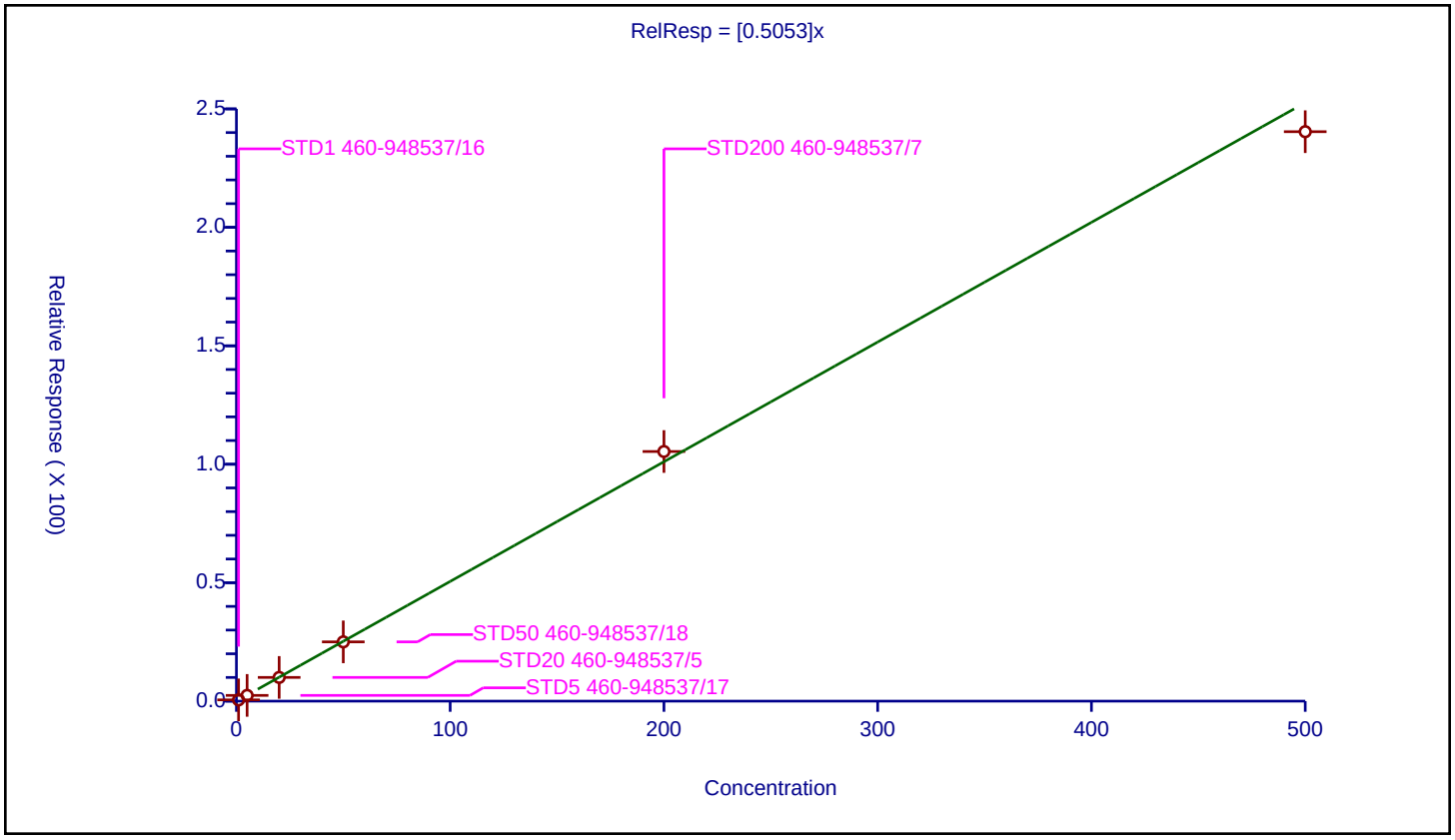
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5053 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1680000 |
| **Relative Standard Error:** | 4.5 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.537646 | 50.0 | 512884.0 | 0.537646 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.427756 | 50.0 | 555060.0 | 0.485551 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 10.006645 | 50.0 | 493632.0 | 0.500332 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 25.018689 | 50.0 | 502958.0 | 0.500374 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 105.372845 | 50.0 | 505291.0 | 0.526864 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 240.381226 | 50.0 | 747325.0 | 0.480762 | 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 |

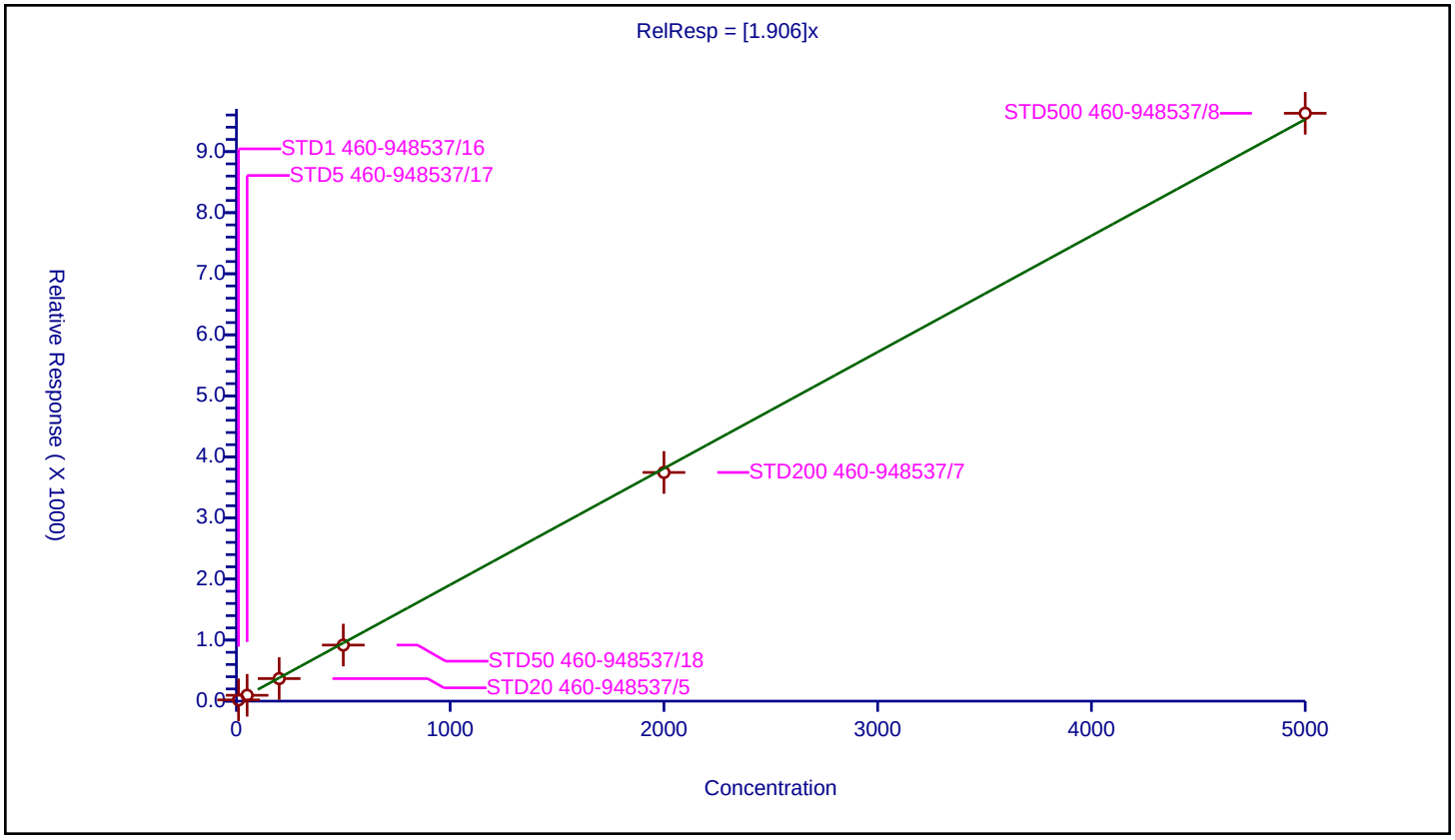
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.906 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 976000 |
| **Relative Standard Error:** | 3.8 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 10.0 | 20.31001 | 1000.0 | 172575.0 | 2.031001 | Y |
| 2 | STD5 460-948537/17 | 50.0 | 96.135055 | 1000.0 | 181141.0 | 1.922701 | Y |
| 3 | STD20 460-948537/5 | 200.0 | 369.123074 | 1000.0 | 194851.0 | 1.845615 | Y |
| 4 | STD50 460-948537/18 | 500.0 | 918.337099 | 1000.0 | 178796.0 | 1.836674 | Y |
| 5 | STD200 460-948537/7 | 2000.0 | 3745.475607 | 1000.0 | 192512.0 | 1.872738 | Y |
| 6 | STD500 460-948537/8 | 5000.0 | 9628.093196 | 1000.0 | 214301.0 | 1.925619 | 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 |

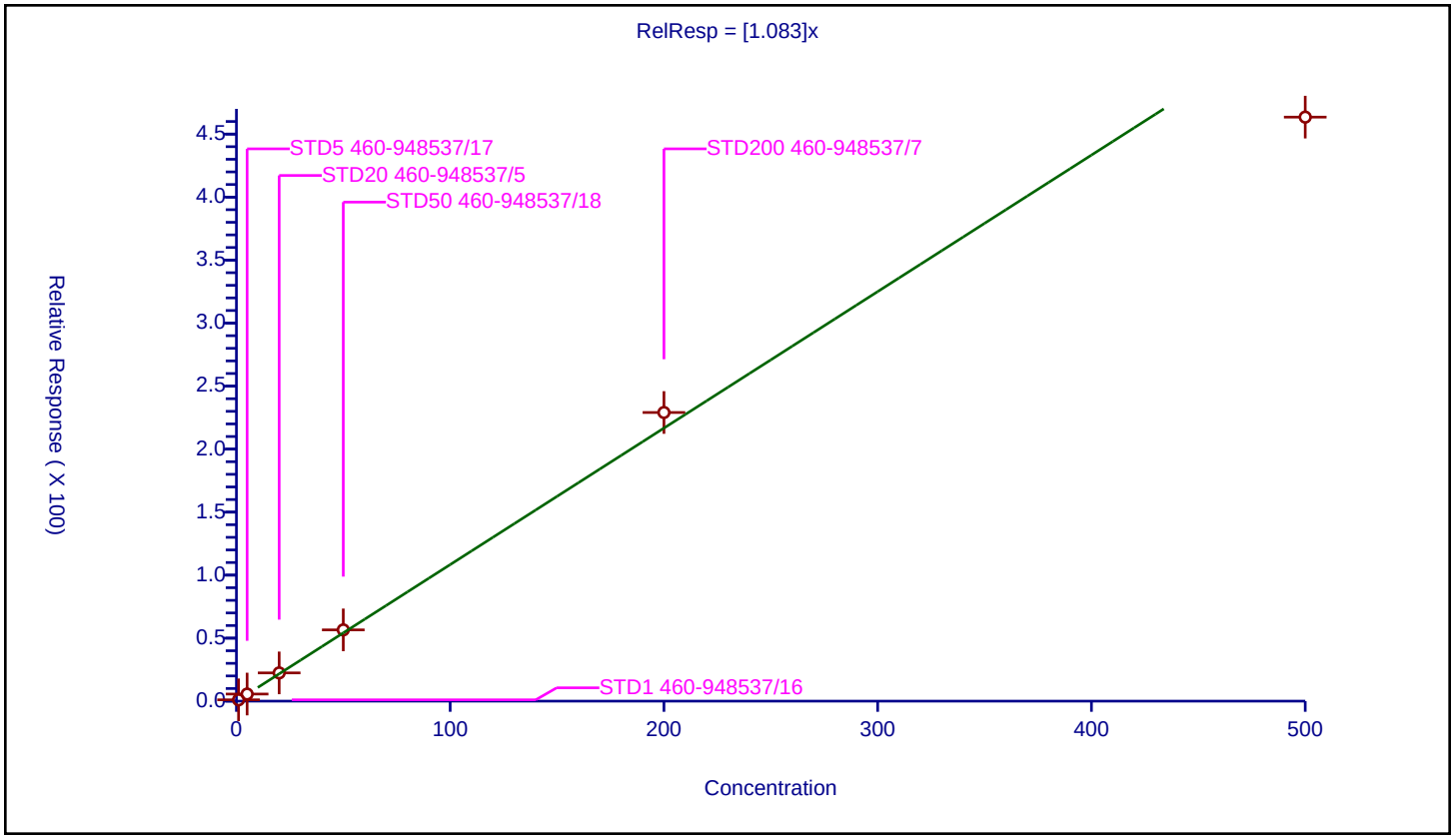
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.083 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3280000 |
| **Relative Standard Error:** | 7.7 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.050822 | 50.0 | 512884.0 | 1.050822 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 5.628581 | 50.0 | 555060.0 | 1.125716 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 22.404949 | 50.0 | 493632.0 | 1.120247 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 56.552734 | 50.0 | 502958.0 | 1.131055 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 229.072851 | 50.0 | 505291.0 | 1.145364 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 463.470645 | 50.0 | 747325.0 | 0.926941 | 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 |

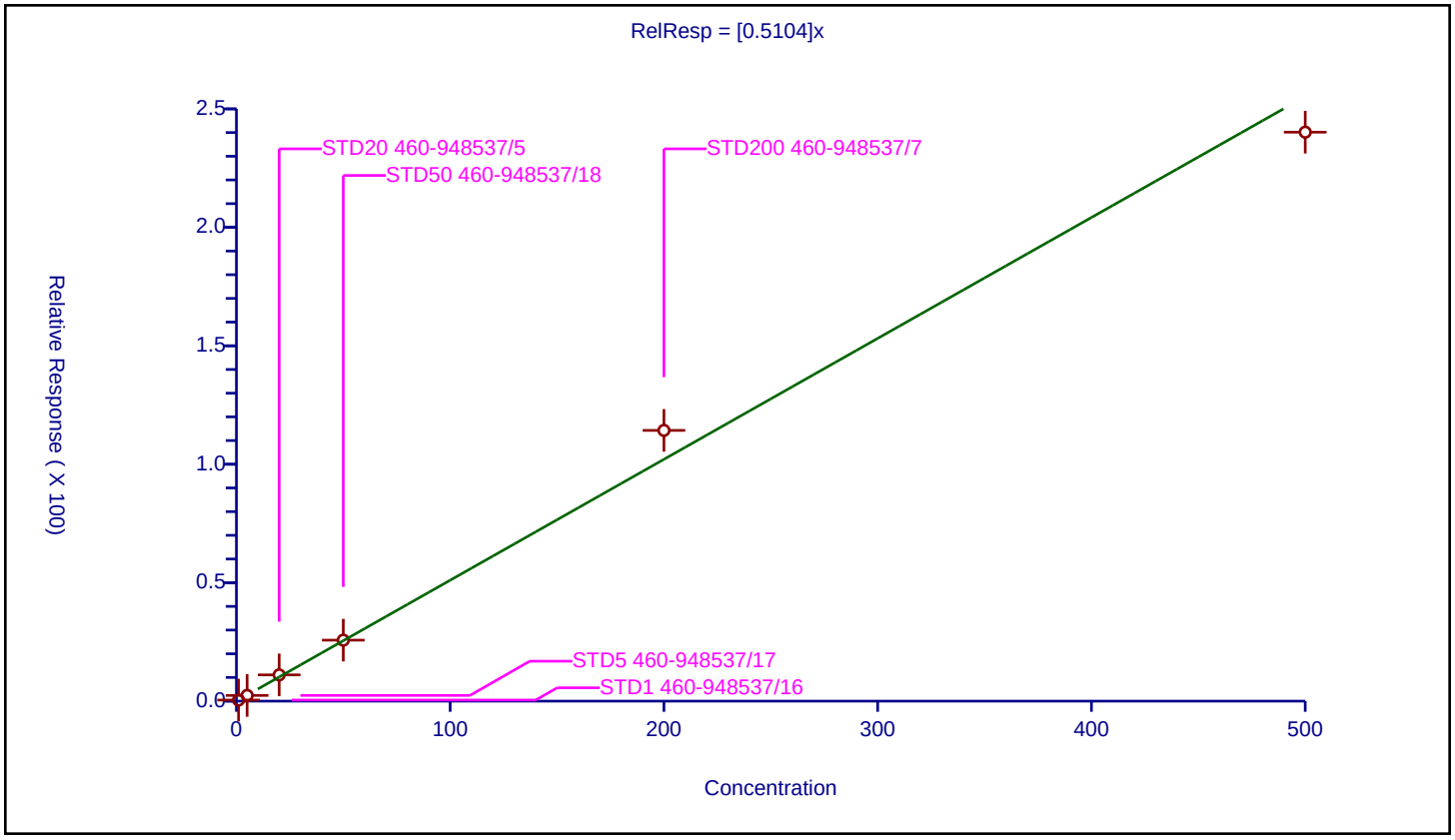
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5104 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1690000 |
| **Relative Standard Error:** | 8.7 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.459753 | 50.0 | 512884.0 | 0.459753 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.411181 | 50.0 | 555060.0 | 0.482236 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 11.075254 | 50.0 | 493632.0 | 0.553763 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 25.74549 | 50.0 | 502958.0 | 0.51491 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 114.287312 | 50.0 | 505291.0 | 0.571437 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 240.168334 | 50.0 | 747325.0 | 0.480337 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

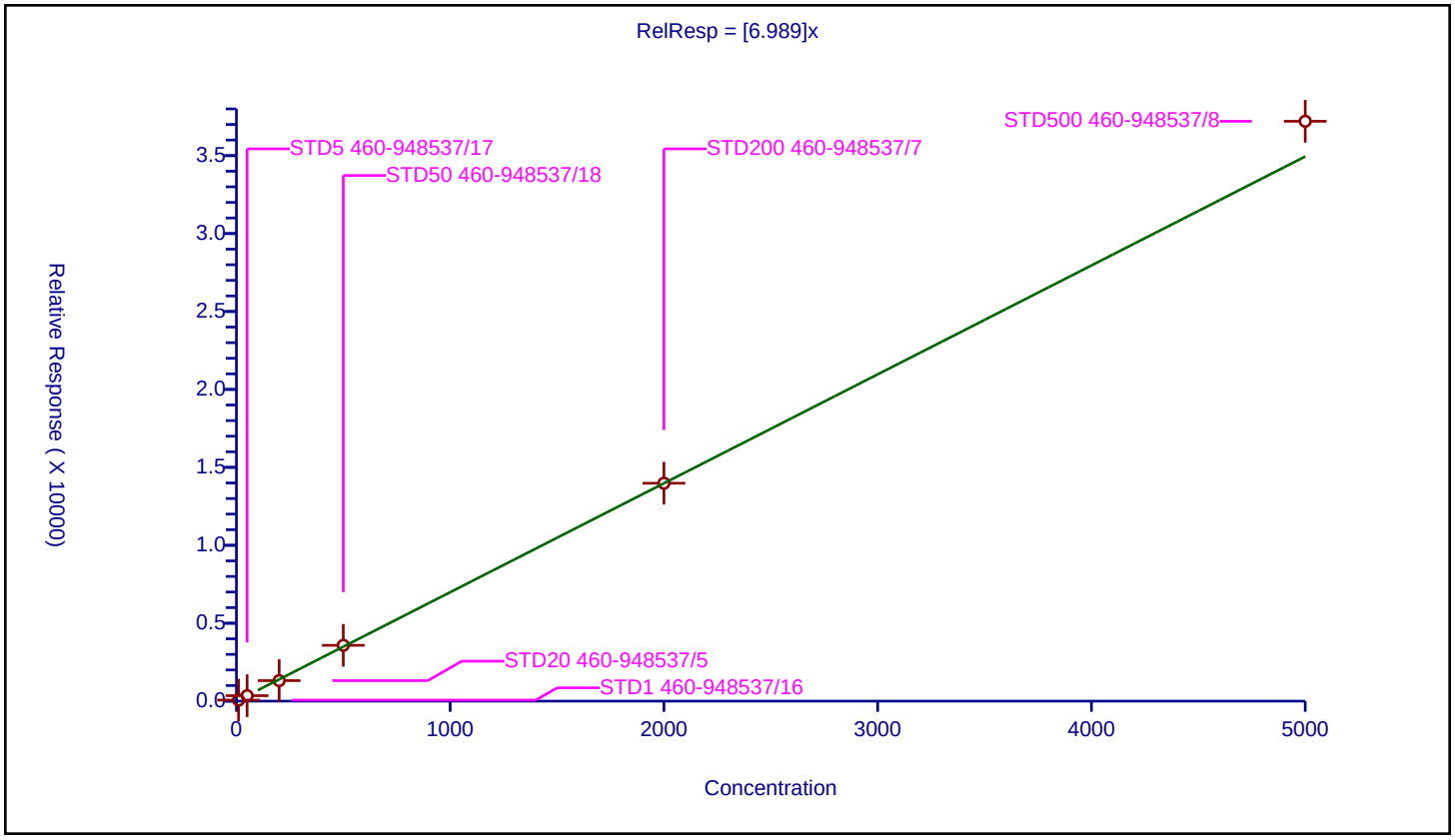
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 6.989 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3760000 |
| **Relative Standard Error:** | 4.4 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 10.0 | 67.211357 | 1000.0 | 172575.0 | 6.721136 | Y |
| 2 | STD5 460-948537/17 | 50.0 | 351.919223 | 1000.0 | 181141.0 | 7.038384 | Y |
| 3 | STD20 460-948537/5 | 200.0 | 1316.077413 | 1000.0 | 194851.0 | 6.580387 | Y |
| 4 | STD50 460-948537/18 | 500.0 | 3580.723282 | 1000.0 | 178796.0 | 7.161447 | Y |
| 5 | STD200 460-948537/7 | 2000.0 | 13981.56998 | 1000.0 | 192512.0 | 6.990785 | Y |
| 6 | STD500 460-948537/8 | 5000.0 | 37206.023304 | 1000.0 | 214301.0 | 7.441205 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

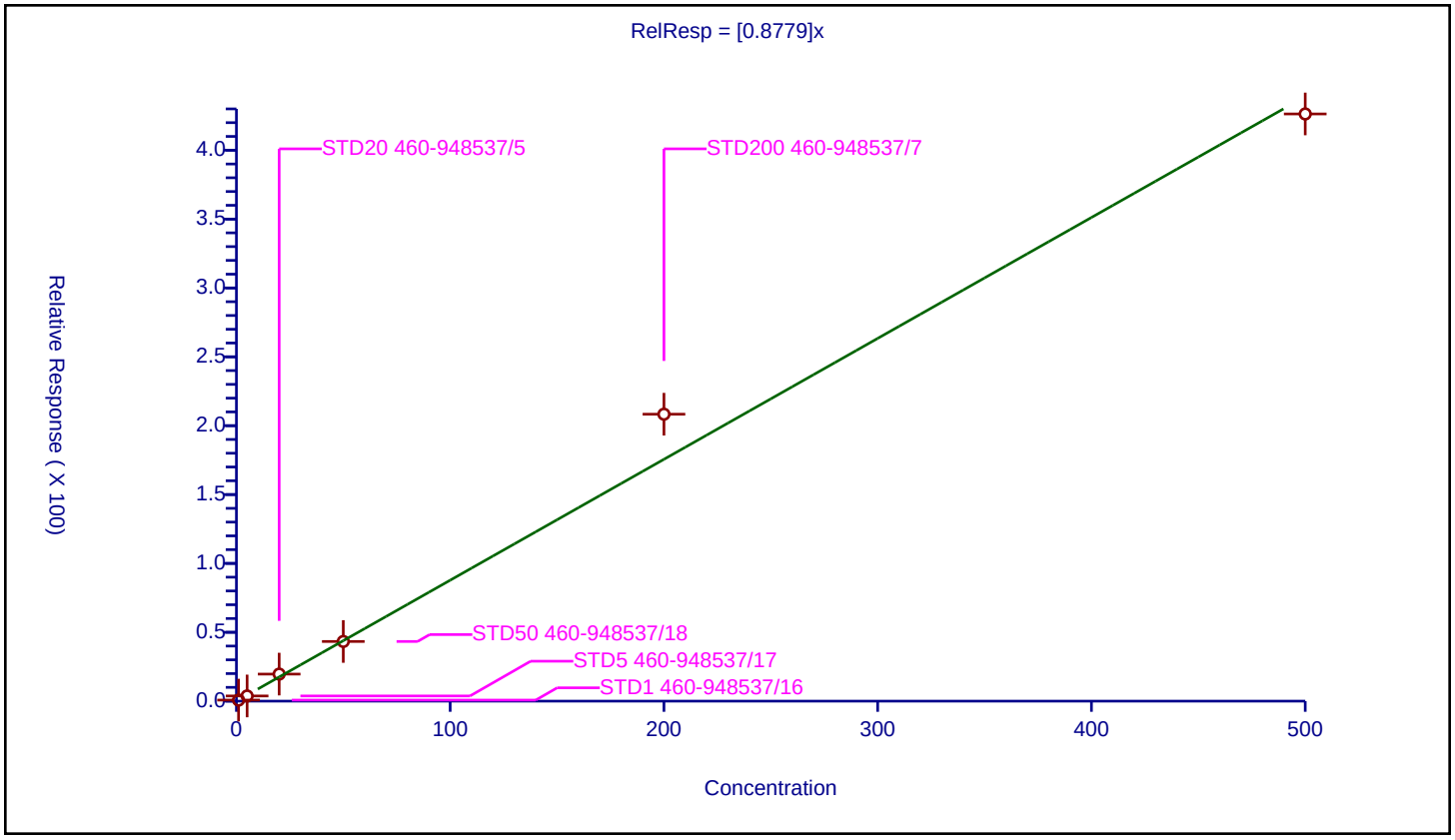
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8779 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3010000 |
| **Relative Standard Error:** | 13.0 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.770837 | 50.0 | 512884.0 | 0.770837 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.76707 | 50.0 | 555060.0 | 0.753414 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 19.643581 | 50.0 | 493632.0 | 0.982179 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 43.32827 | 50.0 | 502958.0 | 0.866565 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 208.330843 | 50.0 | 505291.0 | 1.041654 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 426.329241 | 50.0 | 747325.0 | 0.852658 | Y |






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## Calibration / Isopropyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

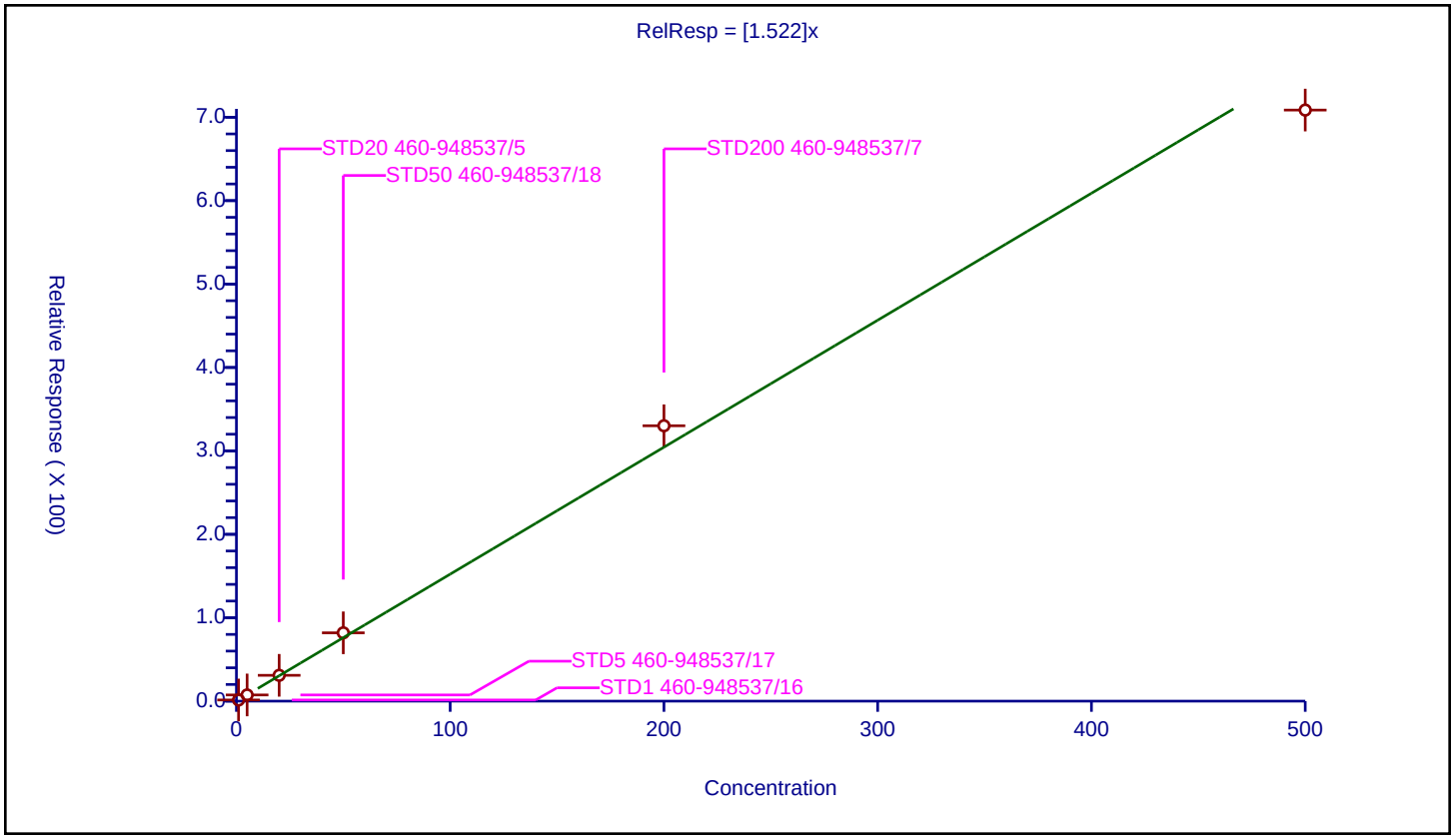
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.522 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4980000 |
| **Relative Standard Error:** | 7.2 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.39359 | 50.0 | 512884.0 | 1.39359 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 7.43253 | 50.0 | 555060.0 | 1.486506 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 30.945725 | 50.0 | 493632.0 | 1.547286 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 81.898886 | 50.0 | 502958.0 | 1.637978 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 330.121554 | 50.0 | 505291.0 | 1.650608 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 708.601546 | 50.0 | 747325.0 | 1.417203 | Y |



## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

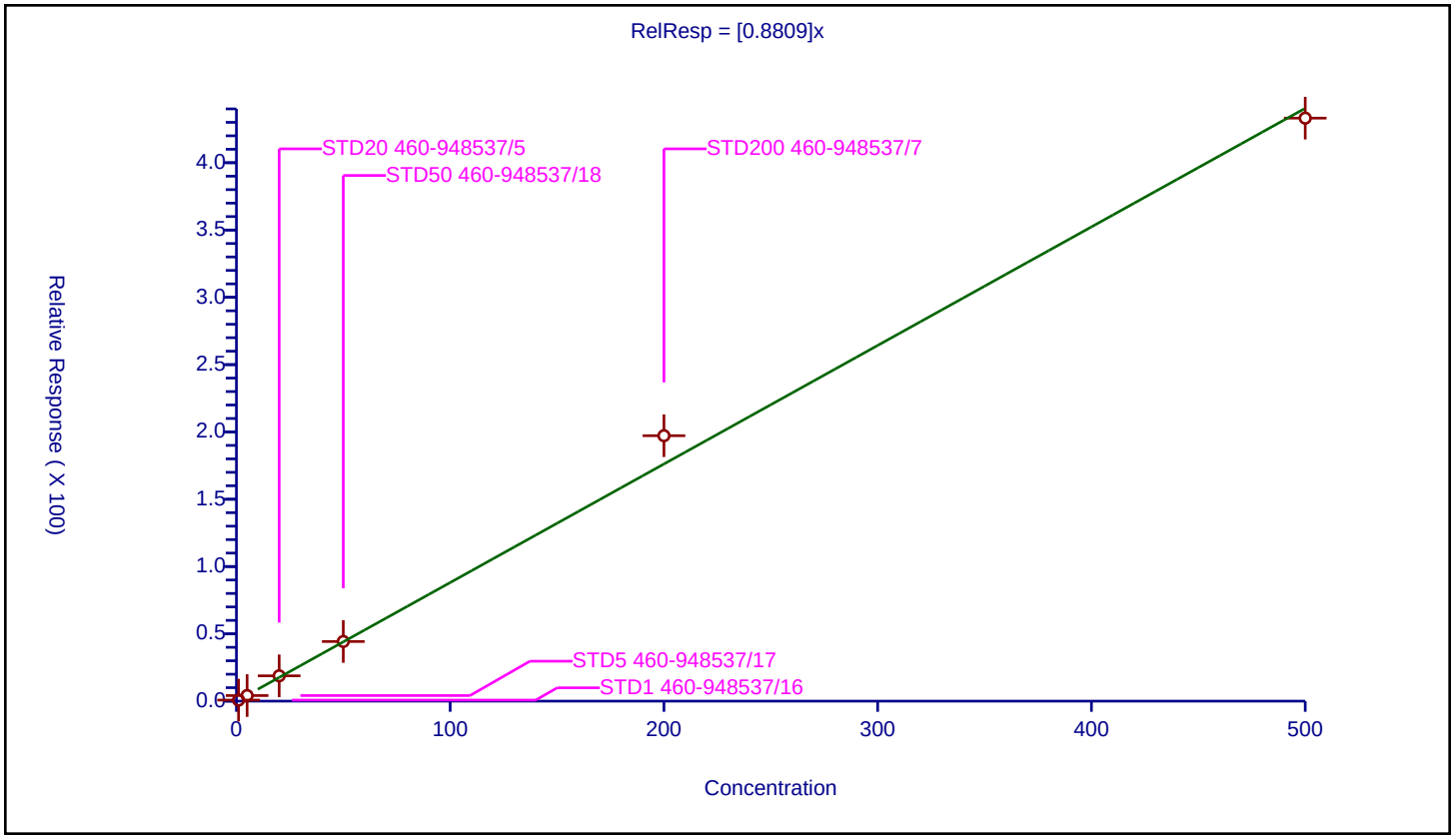
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8809 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3040000 |
| **Relative Standard Error:** | 8.6 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.775516 | 50.0 | 512884.0 | 0.775516 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 4.152164 | 50.0 | 555060.0 | 0.830433 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 18.810065 | 50.0 | 493632.0 | 0.940503 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 44.322886 | 50.0 | 502958.0 | 0.886458 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 197.207649 | 50.0 | 505291.0 | 0.986038 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 433.129228 | 50.0 | 747325.0 | 0.866258 | Y |






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## Calibration / Vinyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

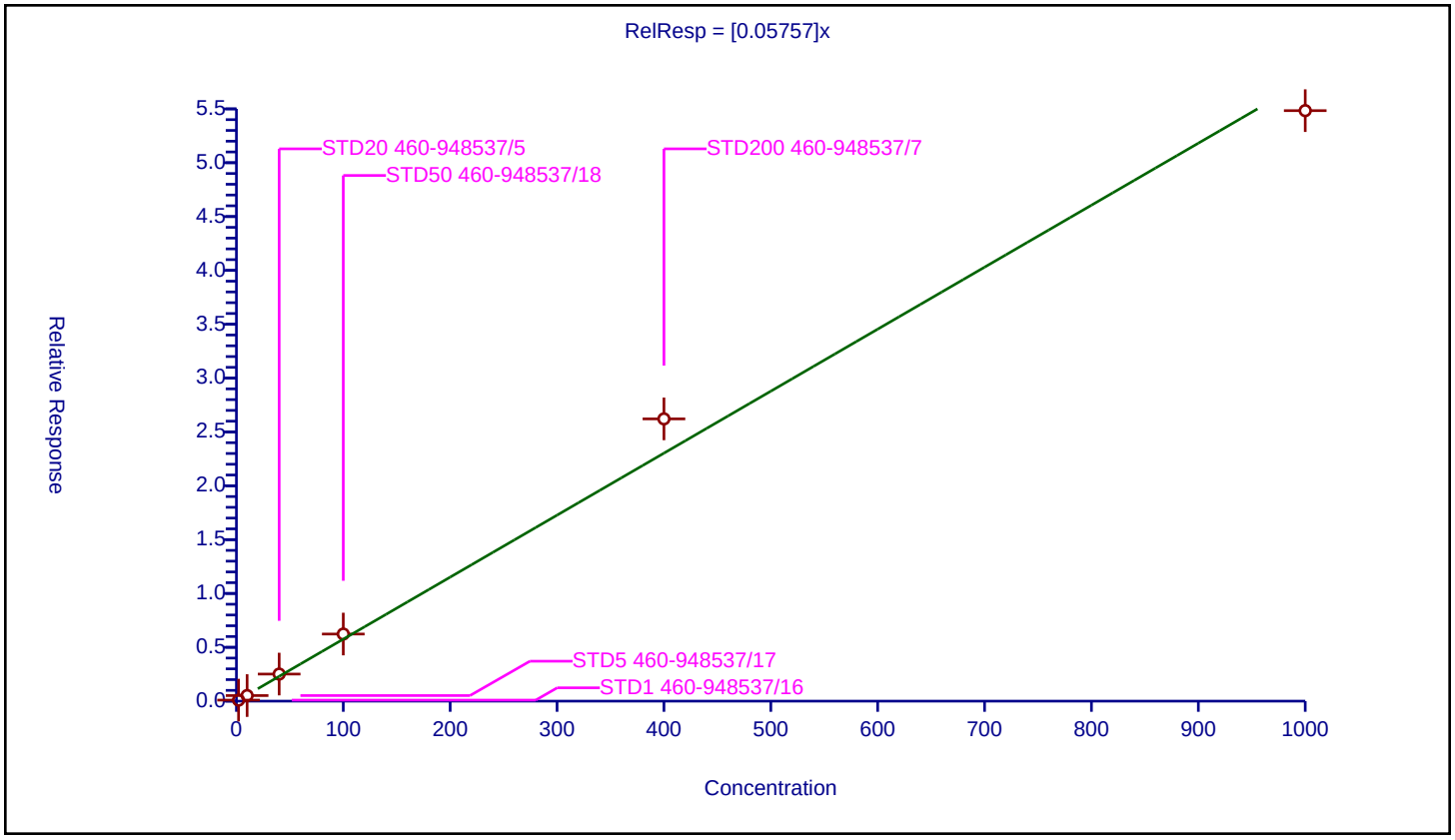
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05757 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 386000 |
| **Relative Standard Error:** | 12.2 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 2.0 | 0.095928 | 50.0 | 512884.0 | 0.047964 | Y |
| 2 | STD5 460-948537/17 | 10.0 | 0.519133 | 50.0 | 555060.0 | 0.051913 | Y |
| 3 | STD20 460-948537/5 | 40.0 | 2.514525 | 50.0 | 493632.0 | 0.062863 | Y |
| 4 | STD50 460-948537/18 | 100.0 | 6.231733 | 50.0 | 502958.0 | 0.062317 | Y |
| 5 | STD200 460-948537/7 | 400.0 | 26.21242 | 50.0 | 505291.0 | 0.065531 | Y |
| 6 | STD500 460-948537/8 | 1000.0 | 54.836918 | 50.0 | 747325.0 | 0.054837 | Y |






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## Calibration / 2-Chloro-1,3-butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

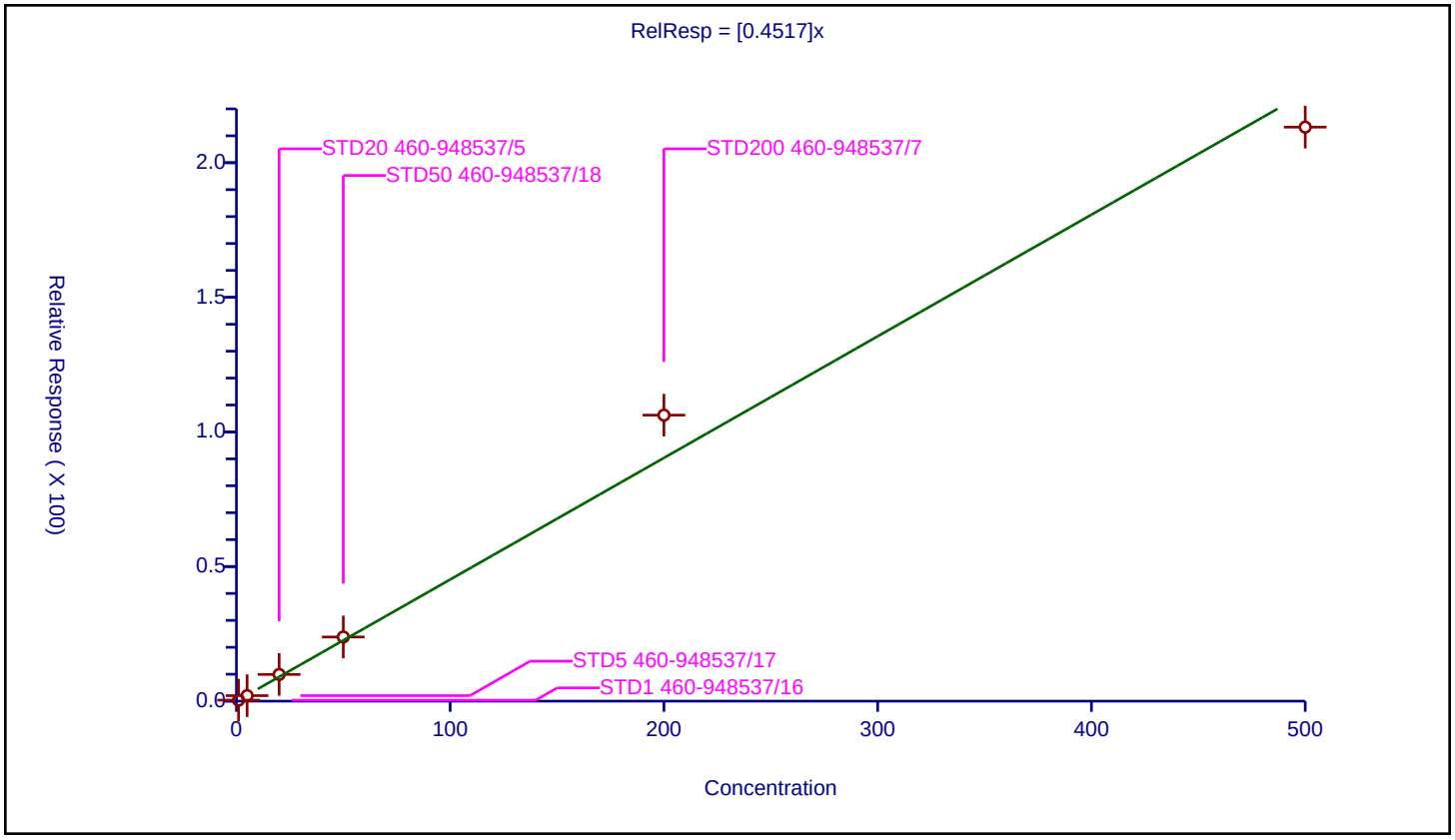
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4517 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1510000 |
| **Relative Standard Error:** | 13.2 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.371624 | 50.0 | 512884.0 | 0.371624 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.042842 | 50.0 | 555060.0 | 0.408568 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 9.919535 | 50.0 | 493632.0 | 0.495977 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 23.833302 | 50.0 | 502958.0 | 0.476666 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 106.238583 | 50.0 | 505291.0 | 0.531193 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 213.222895 | 50.0 | 747325.0 | 0.426446 | Y |



## Calibration / Tert-butyl ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

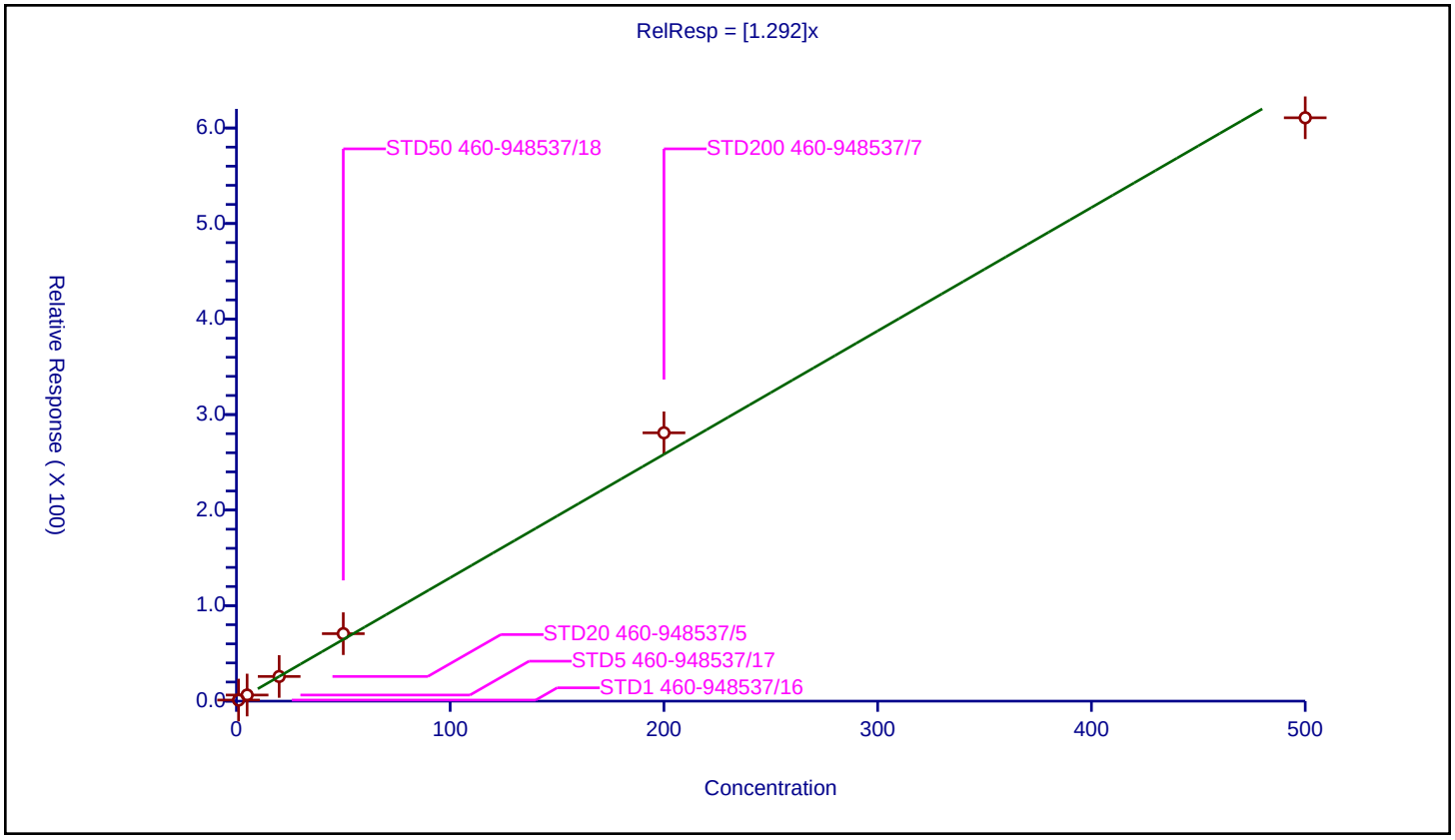
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.292 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4290000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.139731 | 50.0 | 512884.0 | 1.139731 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 6.408947 | 50.0 | 555060.0 | 1.281789 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 25.825615 | 50.0 | 493632.0 | 1.291281 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 70.638801 | 50.0 | 502958.0 | 1.412776 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 280.895464 | 50.0 | 505291.0 | 1.404477 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 610.705717 | 50.0 | 747325.0 | 1.221411 | Y |






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## Calibration / 2,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

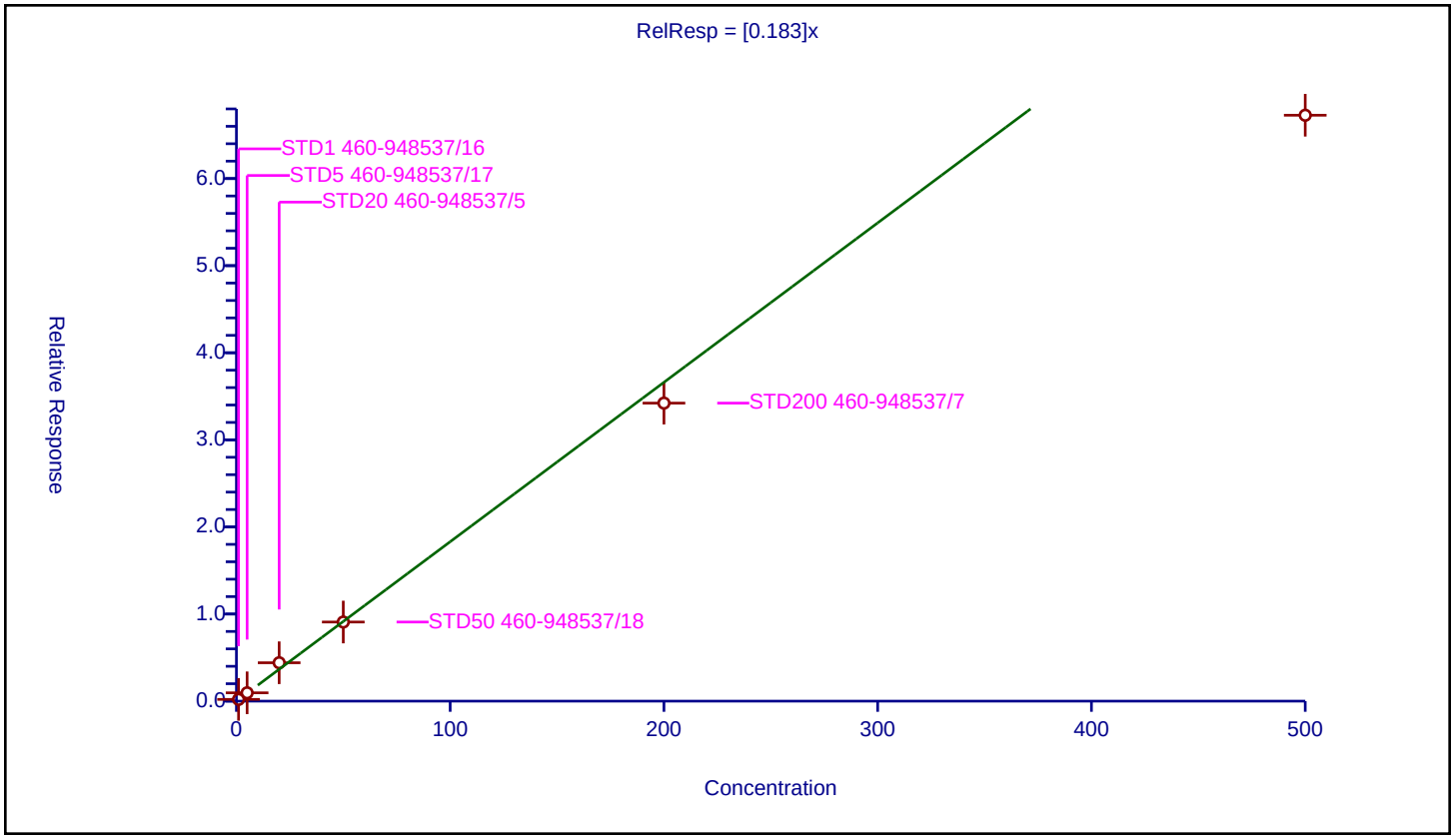
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.183 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 478000 |
| **Relative Standard Error:** | 15.9 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.971 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.199265 | 50.0 | 512884.0 | 0.199265 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 0.956023 | 50.0 | 555060.0 | 0.191205 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 4.408243 | 50.0 | 493632.0 | 0.220412 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 9.084158 | 50.0 | 502958.0 | 0.181683 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 34.219094 | 50.0 | 505291.0 | 0.171095 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 67.272806 | 50.0 | 747325.0 | 0.134546 | Y |






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## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

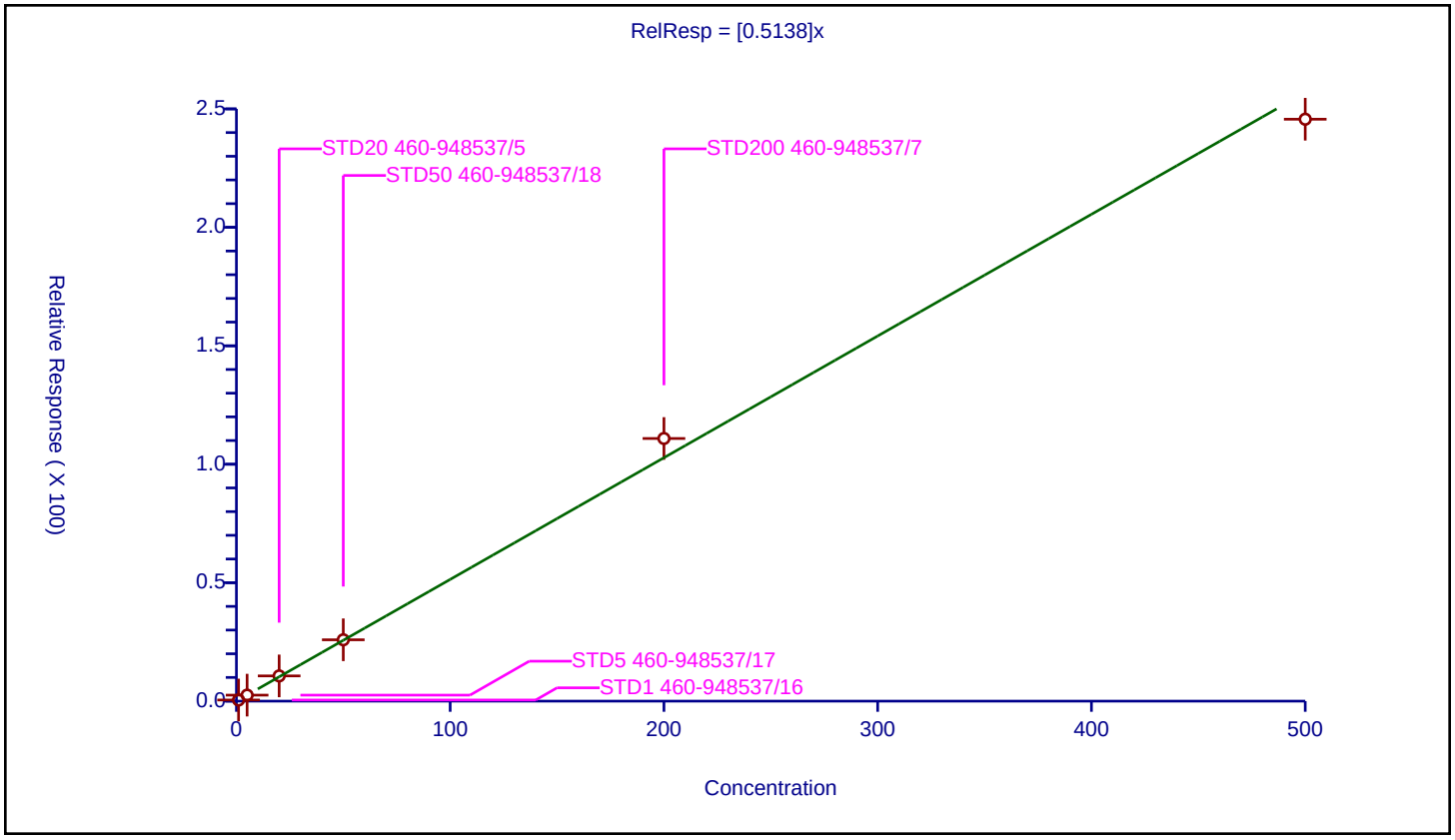
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5138 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1720000 |
| **Relative Standard Error:** | 5.3 |
| **Correlation Coefficient:** | 0.991 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.480226 | 50.0 | 512884.0 | 0.480226 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.530177 | 50.0 | 555060.0 | 0.506035 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 10.654496 | 50.0 | 493632.0 | 0.532725 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 25.898982 | 50.0 | 502958.0 | 0.51798 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 110.870469 | 50.0 | 505291.0 | 0.554352 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 245.640585 | 50.0 | 747325.0 | 0.491281 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

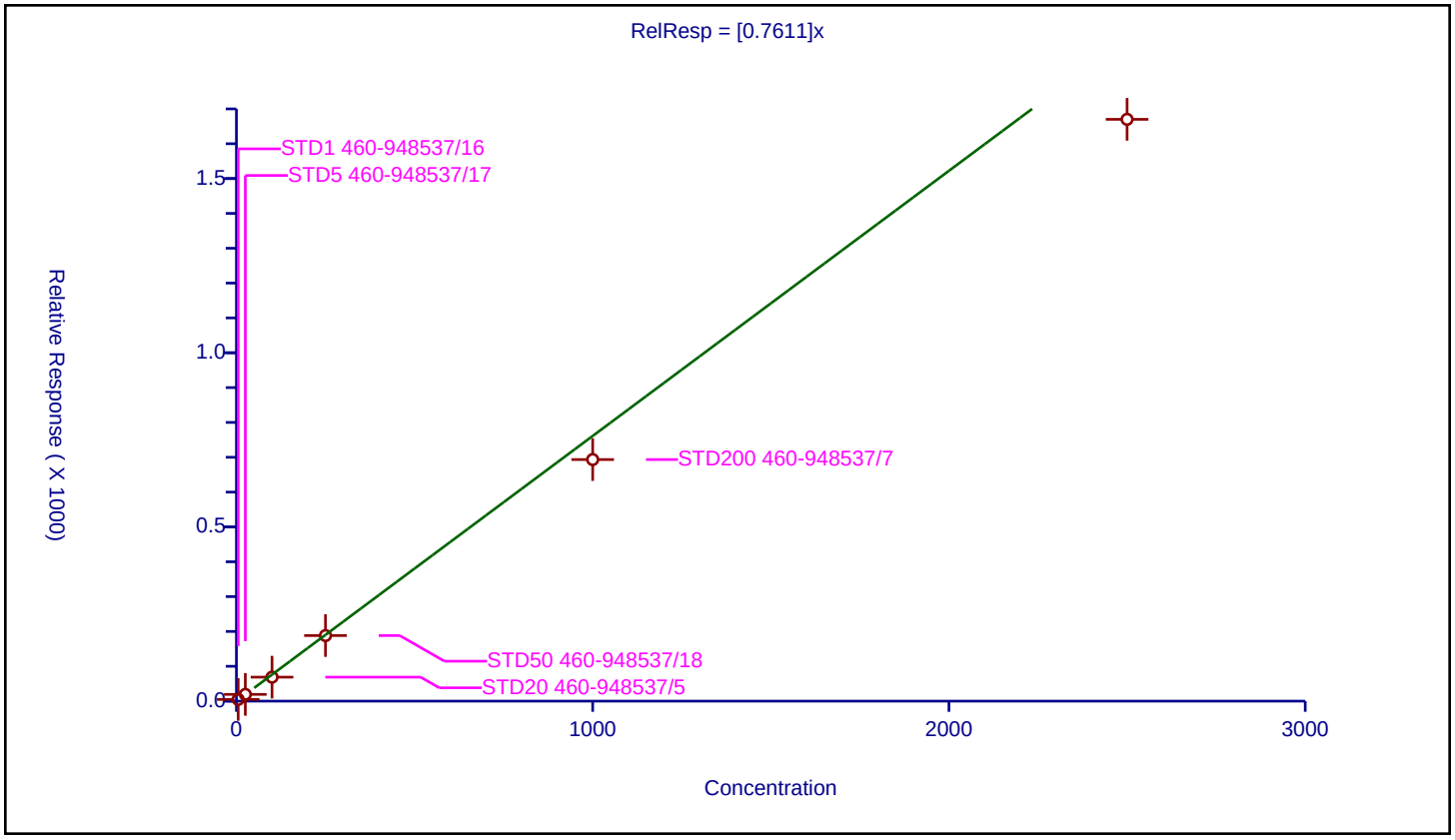
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7611 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 614000 |
| **Relative Standard Error:** | 15.7 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.967 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 5.0 | 4.94875 | 250.0 | 144683.0 | 0.98975 | Y |
| 2 | STD5 460-948537/17 | 25.0 | 19.361753 | 250.0 | 141826.0 | 0.77447 | Y |
| 3 | STD20 460-948537/5 | 100.0 | 68.828503 | 250.0 | 152702.0 | 0.688285 | Y |
| 4 | STD50 460-948537/18 | 250.0 | 188.221331 | 250.0 | 146604.0 | 0.752885 | Y |
| 5 | STD200 460-948537/7 | 1000.0 | 693.475689 | 250.0 | 158078.0 | 0.693476 | Y |
| 6 | STD500 460-948537/8 | 2500.0 | 1670.017669 | 250.0 | 194121.0 | 0.668007 | Y |



## Calibration / Ethyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

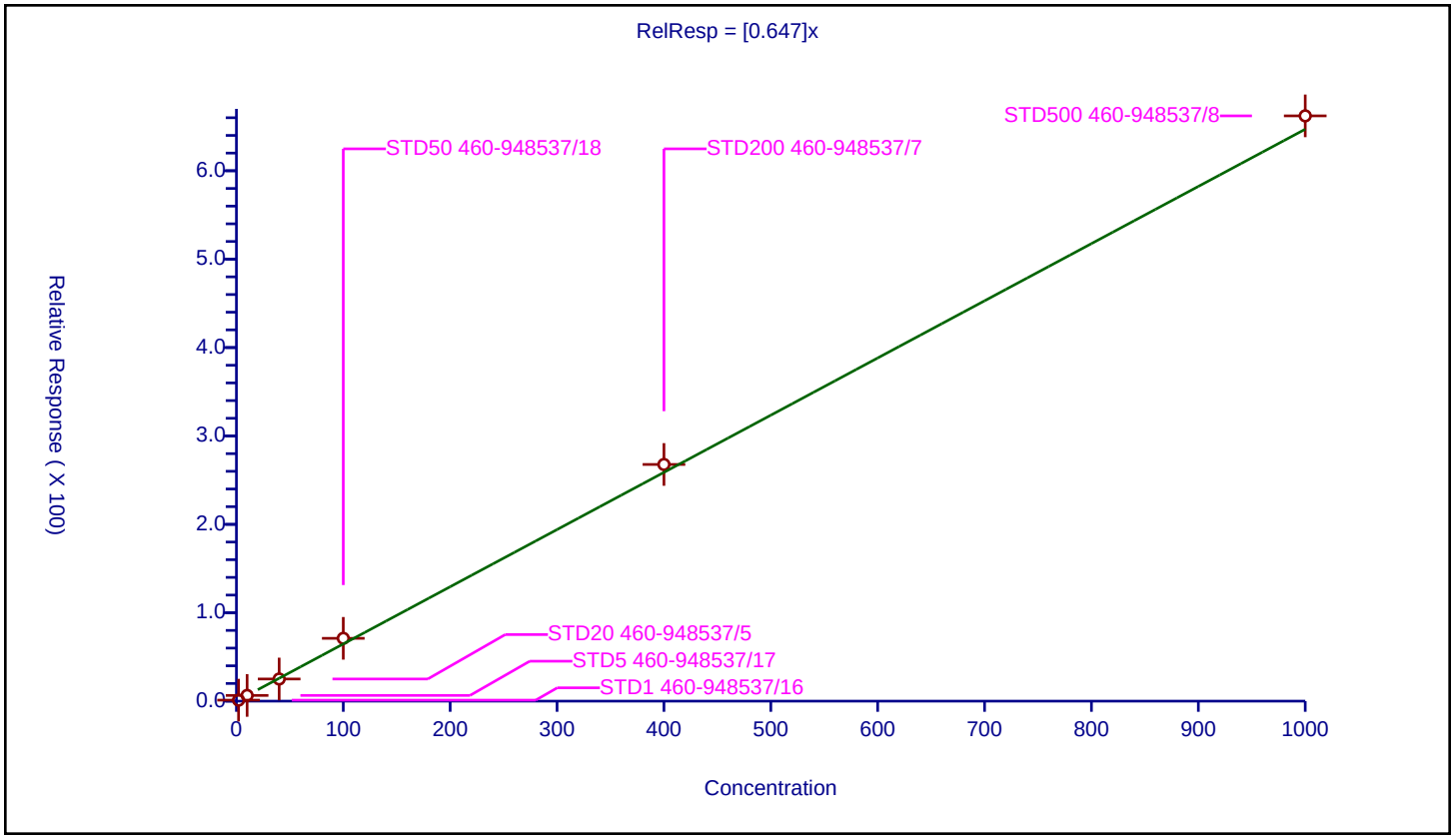
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.647 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 243000 |
| **Relative Standard Error:** | 7.4 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 2.0 | 1.136968 | 250.0 | 144683.0 | 0.568484 | Y |
| 2 | STD5 460-948537/17 | 10.0 | 6.451567 | 250.0 | 141826.0 | 0.645157 | Y |
| 3 | STD20 460-948537/5 | 40.0 | 25.042239 | 250.0 | 152702.0 | 0.626056 | Y |
| 4 | STD50 460-948537/18 | 100.0 | 71.074118 | 250.0 | 146604.0 | 0.710741 | Y |
| 5 | STD200 460-948537/7 | 400.0 | 267.753894 | 250.0 | 158078.0 | 0.669385 | Y |
| 6 | STD500 460-948537/8 | 1000.0 | 662.114094 | 250.0 | 194121.0 | 0.662114 | Y |






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## Calibration / Methyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

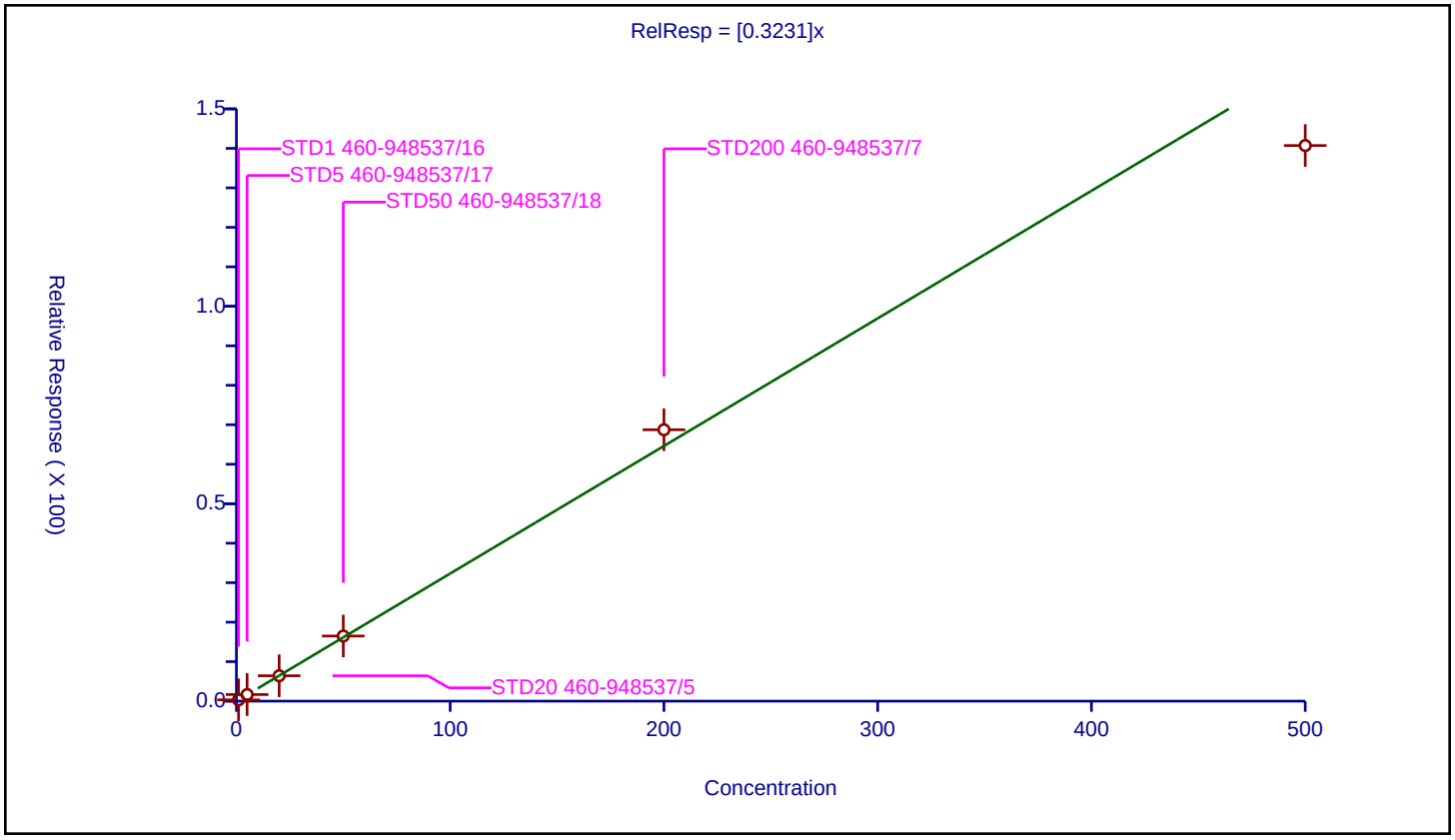
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3231 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 994000 |
| **Relative Standard Error:** | 6.7 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.329314 | 50.0 | 512884.0 | 0.329314 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.666216 | 50.0 | 555060.0 | 0.333243 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 6.426447 | 50.0 | 493632.0 | 0.321322 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 16.488255 | 50.0 | 502958.0 | 0.329765 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 68.734353 | 50.0 | 505291.0 | 0.343672 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 140.717492 | 50.0 | 747325.0 | 0.281435 | Y |



## Calibration / Propionitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

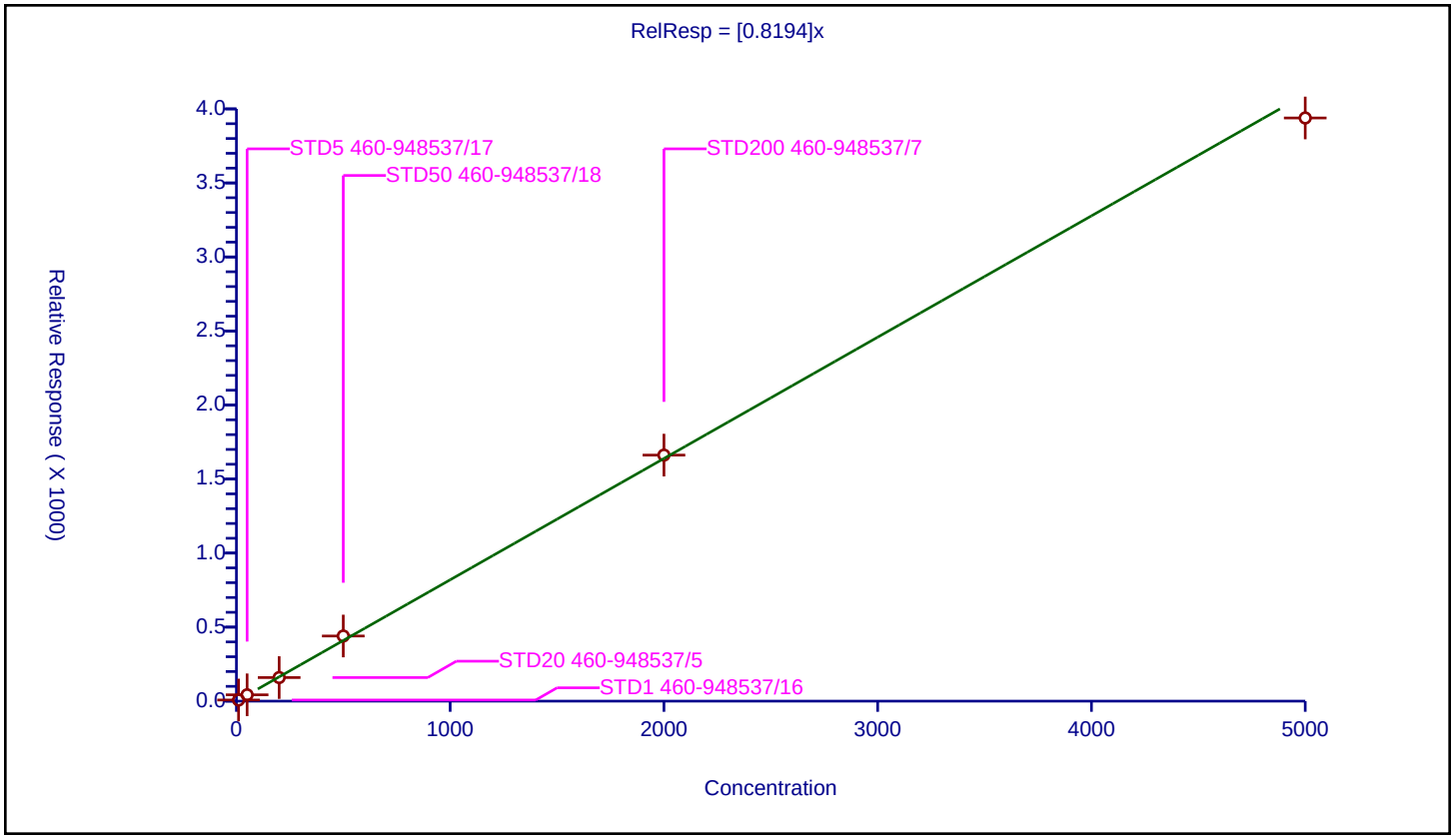
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8194 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1450000 |
| **Relative Standard Error:** | 5.3 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 10.0 | 7.654666 | 250.0 | 144683.0 | 0.765467 | Y |
| 2 | STD5 460-948537/17 | 50.0 | 42.784821 | 250.0 | 141826.0 | 0.855696 | Y |
| 3 | STD20 460-948537/5 | 200.0 | 159.341397 | 250.0 | 152702.0 | 0.796707 | Y |
| 4 | STD50 460-948537/18 | 500.0 | 439.935131 | 250.0 | 146604.0 | 0.87987 | Y |
| 5 | STD200 460-948537/7 | 2000.0 | 1661.692329 | 250.0 | 158078.0 | 0.830846 | Y |
| 6 | STD500 460-948537/8 | 5000.0 | 3938.623333 | 250.0 | 194121.0 | 0.787725 | Y |






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## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

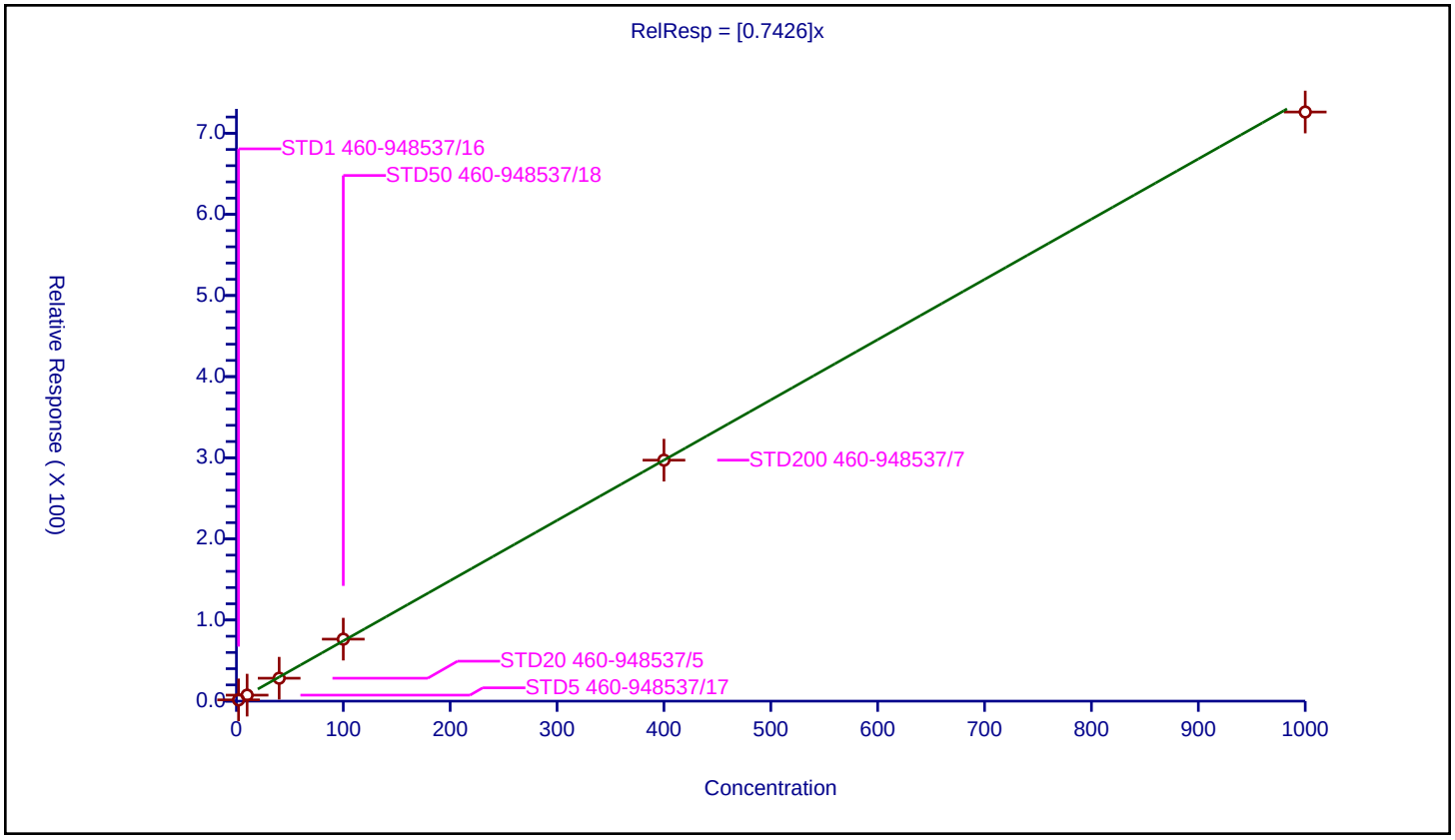
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7426 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 266000 |
| **Relative Standard Error:** | 3.3 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 2.0 | 1.54994 | 250.0 | 144683.0 | 0.77497 | Y |
| 2 | STD5 460-948537/17 | 10.0 | 7.414014 | 250.0 | 141826.0 | 0.741401 | Y |
| 3 | STD20 460-948537/5 | 40.0 | 28.260927 | 250.0 | 152702.0 | 0.706523 | Y |
| 4 | STD50 460-948537/18 | 100.0 | 76.40651 | 250.0 | 146604.0 | 0.764065 | Y |
| 5 | STD200 460-948537/7 | 400.0 | 297.019509 | 250.0 | 158078.0 | 0.742549 | Y |
| 6 | STD500 460-948537/8 | 1000.0 | 726.168215 | 250.0 | 194121.0 | 0.726168 | Y |






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## Calibration / Chlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

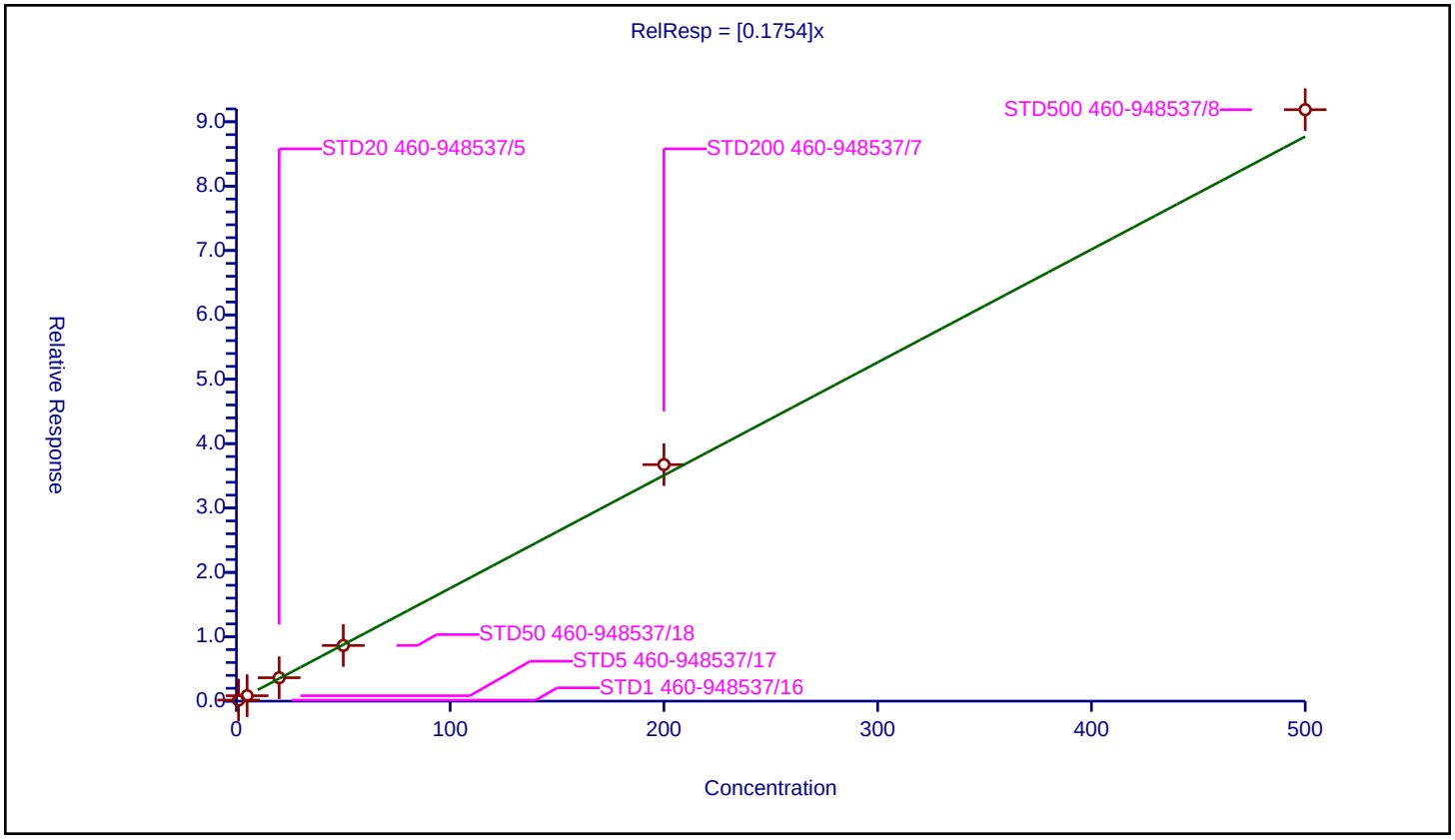
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1754 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 638000 |
| **Relative Standard Error:** | 5.2 |
| **Correlation Coefficient:** | 0.984 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.162025 | 50.0 | 512884.0 | 0.162025 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 0.841621 | 50.0 | 555060.0 | 0.168324 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 3.635198 | 50.0 | 493632.0 | 0.18176 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 8.645255 | 50.0 | 502958.0 | 0.172905 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 36.742689 | 50.0 | 505291.0 | 0.183713 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 91.875422 | 50.0 | 747325.0 | 0.183751 | Y |






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## Calibration / Methacrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

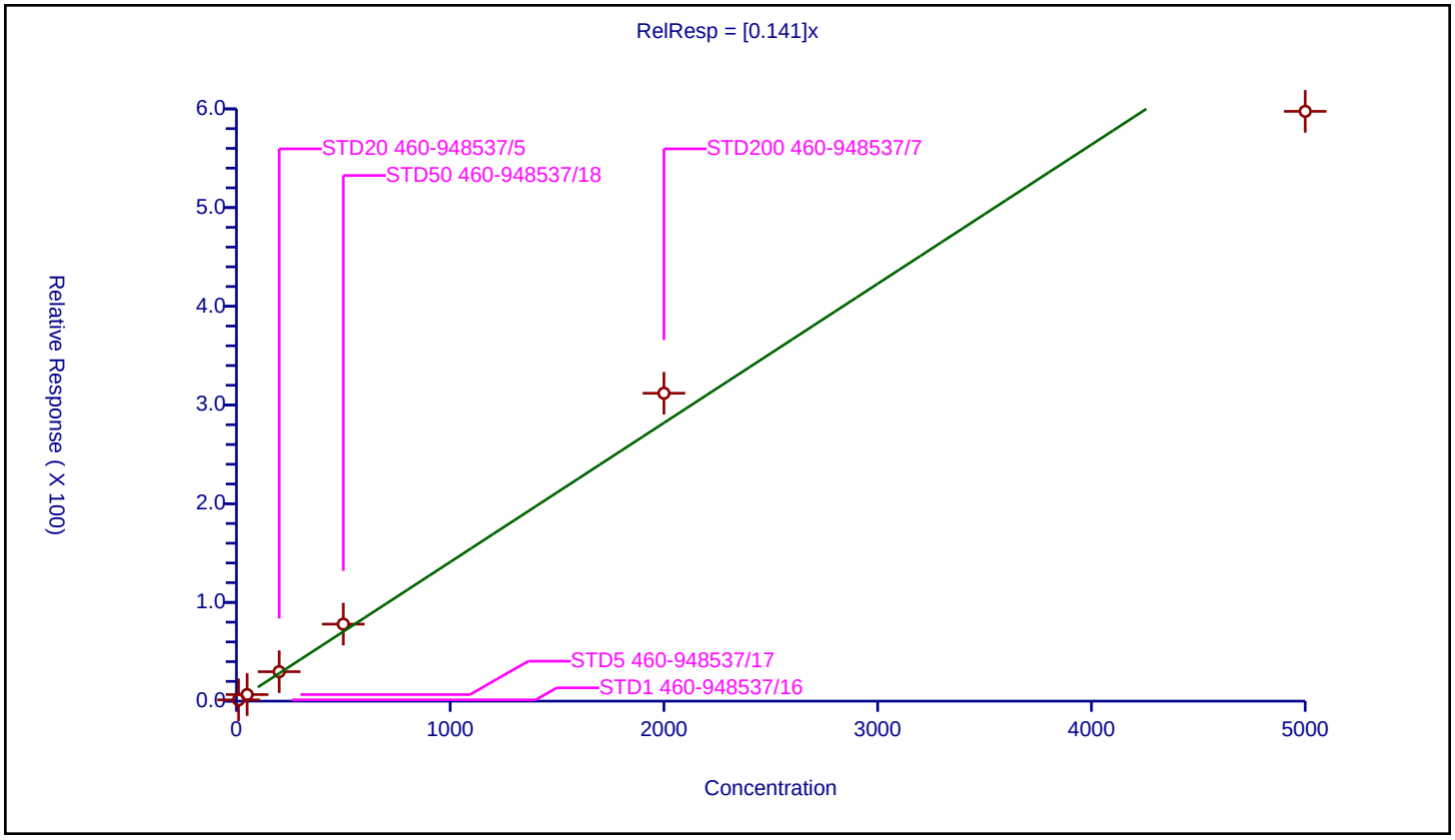
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.141 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4250000 |
| **Relative Standard Error:** | 10.6 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 10.0 | 1.319889 | 50.0 | 512884.0 | 0.131989 | Y |
| 2 | STD5 460-948537/17 | 50.0 | 6.650903 | 50.0 | 555060.0 | 0.133018 | Y |
| 3 | STD20 460-948537/5 | 200.0 | 29.834168 | 50.0 | 493632.0 | 0.149171 | Y |
| 4 | STD50 460-948537/18 | 500.0 | 78.024408 | 50.0 | 502958.0 | 0.156049 | Y |
| 5 | STD200 460-948537/7 | 2000.0 | 311.94104 | 50.0 | 505291.0 | 0.155971 | Y |
| 6 | STD500 460-948537/8 | 5000.0 | 597.518817 | 50.0 | 747325.0 | 0.119504 | Y |



## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

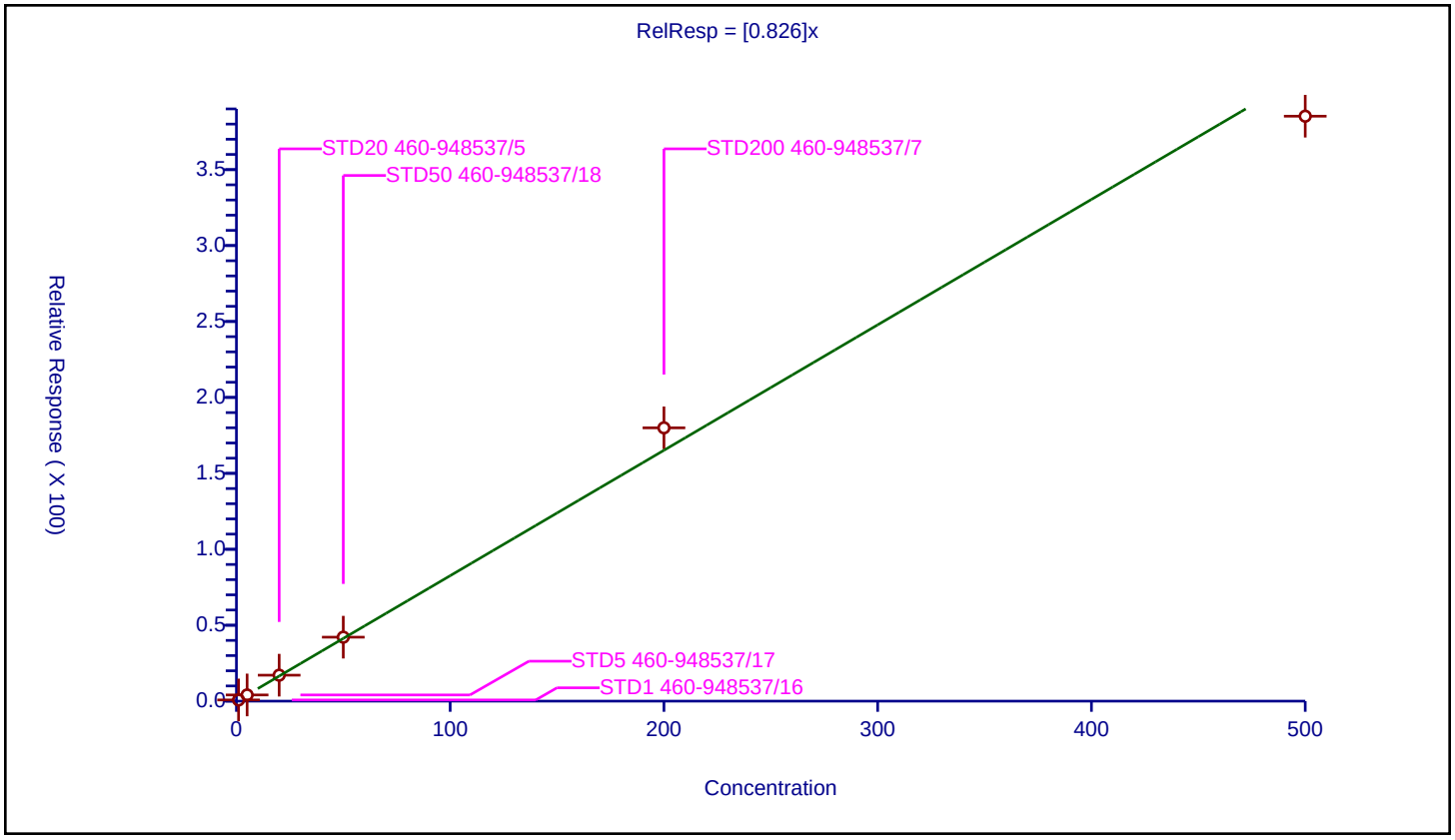
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.826 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2710000 |
| **Relative Standard Error:** | 6.1 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.773274 | 50.0 | 512884.0 | 0.773274 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 4.079199 | 50.0 | 555060.0 | 0.81584 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 17.083982 | 50.0 | 493632.0 | 0.854199 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 42.114053 | 50.0 | 502958.0 | 0.842281 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 179.975301 | 50.0 | 505291.0 | 0.899877 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 385.187168 | 50.0 | 747325.0 | 0.770374 | Y |






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## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

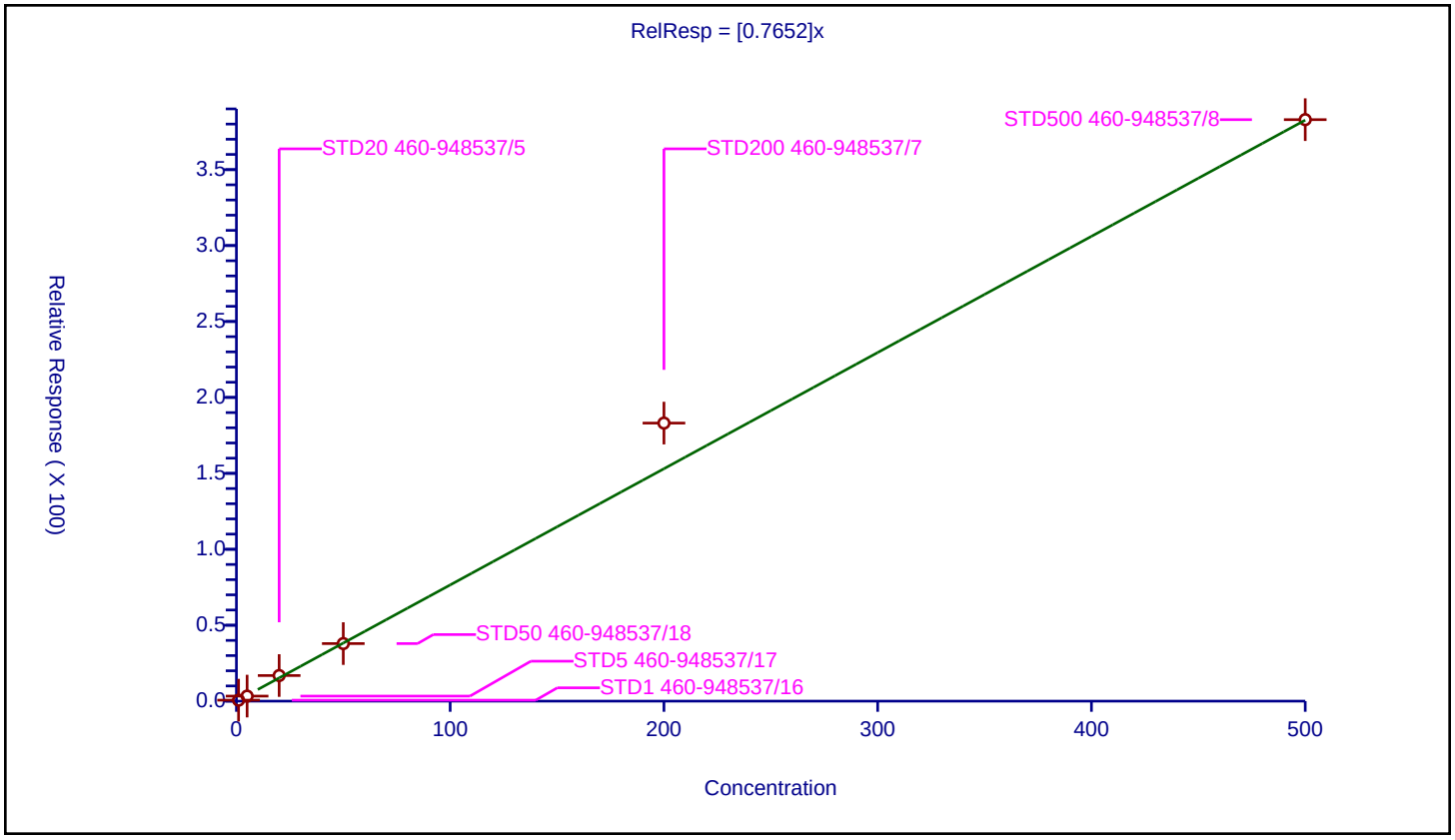
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7652 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2700000 |
| **Relative Standard Error:** | 13.5 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.981 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.642933 | 50.0 | 512884.0 | 0.642933 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.326307 | 50.0 | 555060.0 | 0.665261 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 16.869956 | 50.0 | 493632.0 | 0.843498 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 37.910422 | 50.0 | 502958.0 | 0.758208 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 183.091031 | 50.0 | 505291.0 | 0.915455 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 382.916335 | 50.0 | 747325.0 | 0.765833 | 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 |

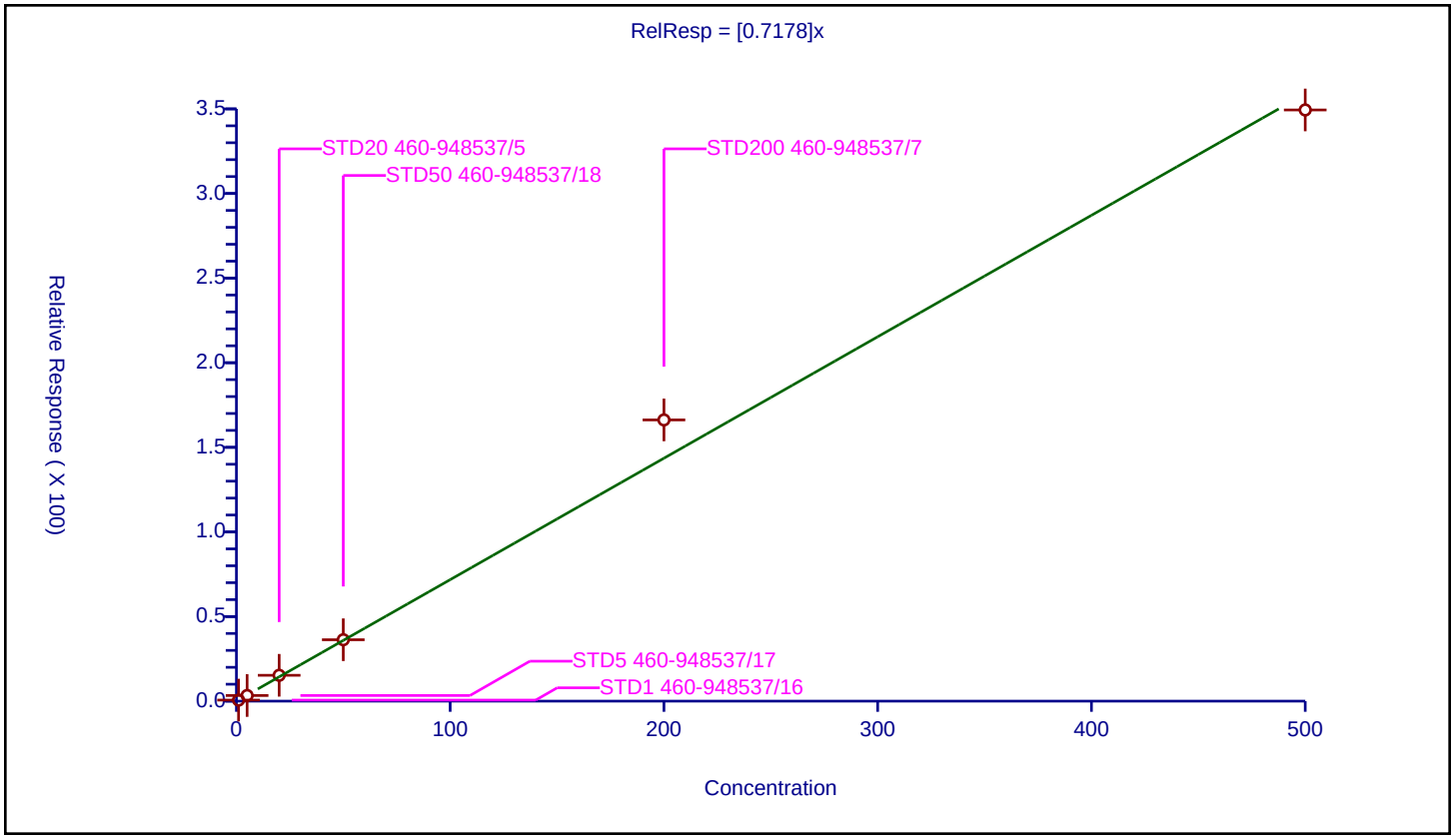
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7178 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2460000 |
| **Relative Standard Error:** | 10.3 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.621193 | 50.0 | 512884.0 | 0.621193 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.32964 | 50.0 | 555060.0 | 0.665928 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 15.279297 | 50.0 | 493632.0 | 0.763965 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 36.292692 | 50.0 | 502958.0 | 0.725854 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 166.191066 | 50.0 | 505291.0 | 0.830955 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 349.374034 | 50.0 | 747325.0 | 0.698748 | Y |



## Calibration / Dibromofluoromethane (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

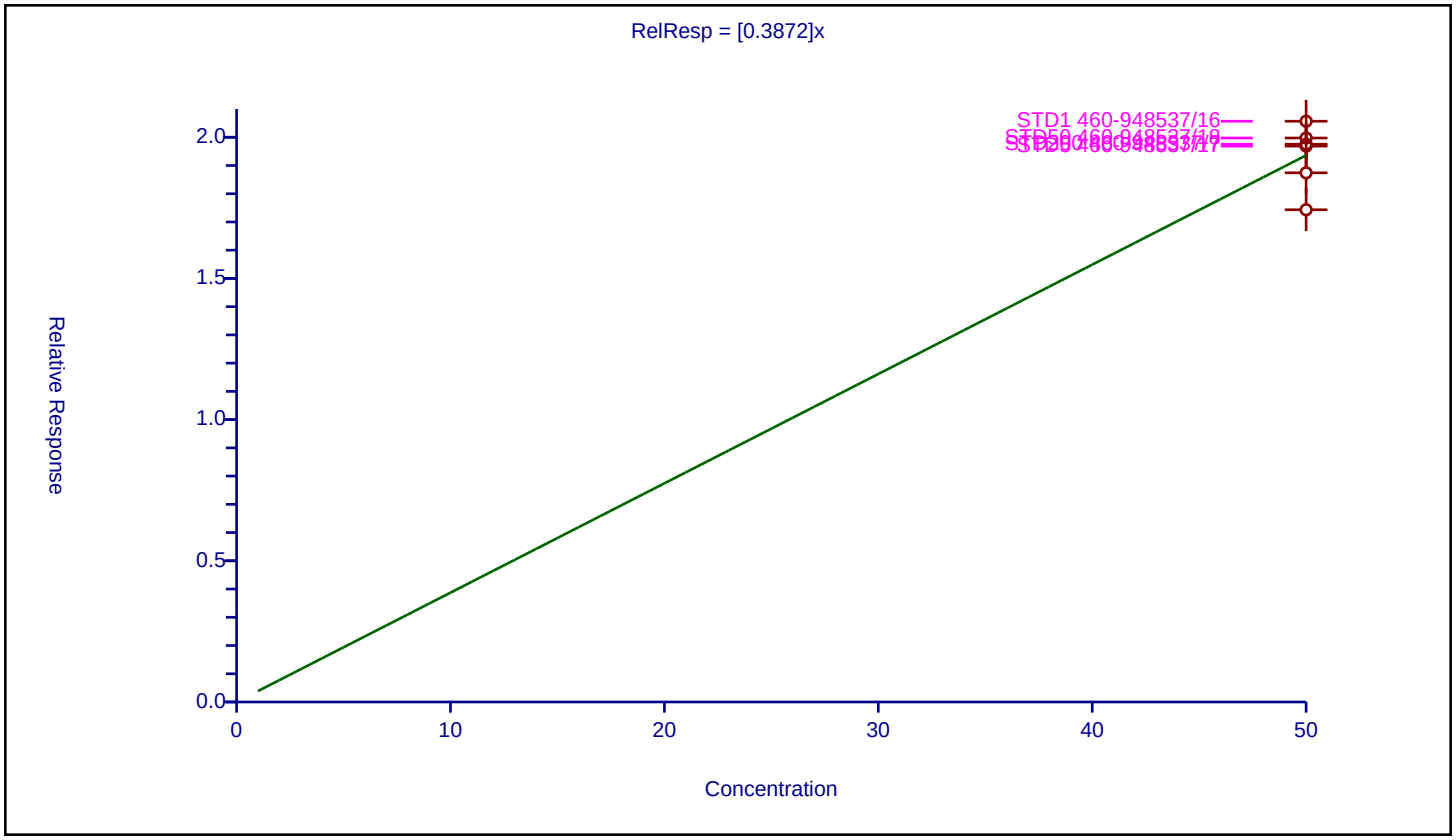
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3872 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 237000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD20 460-948537/5 | 50.0 | 17.432115 | 50.0 | 493632.0 | 0.348642 | Y |
| 2 | STD200 460-948537/7 | 50.0 | 19.753568 | 50.0 | 505291.0 | 0.395071 | Y |
| 3 | STD500 460-948537/8 | 50.0 | 18.741444 | 50.0 | 747325.0 | 0.374829 | Y |
| 4 | STD1 460-948537/16 | 50.0 | 20.567419 | 50.0 | 512884.0 | 0.411348 | Y |
| 5 | STD5 460-948537/17 | 50.0 | 19.6858 | 50.0 | 555060.0 | 0.393716 | Y |
| 6 | STD50 460-948537/18 | 50.0 | 19.973636 | 50.0 | 502958.0 | 0.399473 | Y |



## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

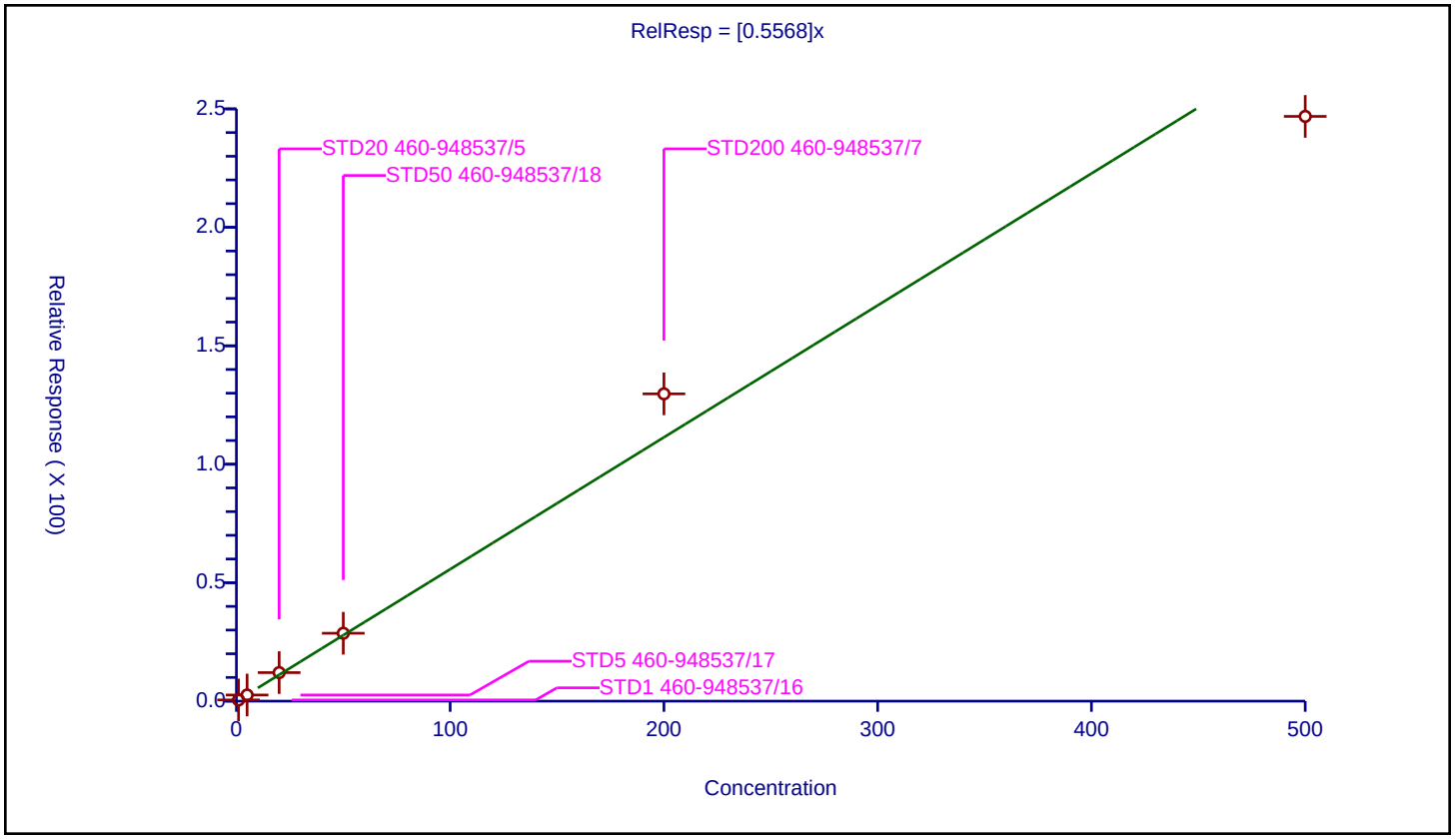
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5568 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1760000 |
| **Relative Standard Error:** | 11.0 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.50528 | 50.0 | 512884.0 | 0.50528 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.590981 | 50.0 | 555060.0 | 0.518196 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 12.041663 | 50.0 | 493632.0 | 0.602083 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 28.655176 | 50.0 | 502958.0 | 0.573104 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 129.712779 | 50.0 | 505291.0 | 0.648564 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 246.83277 | 50.0 | 747325.0 | 0.493666 | Y |



## Calibration / 1,1-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

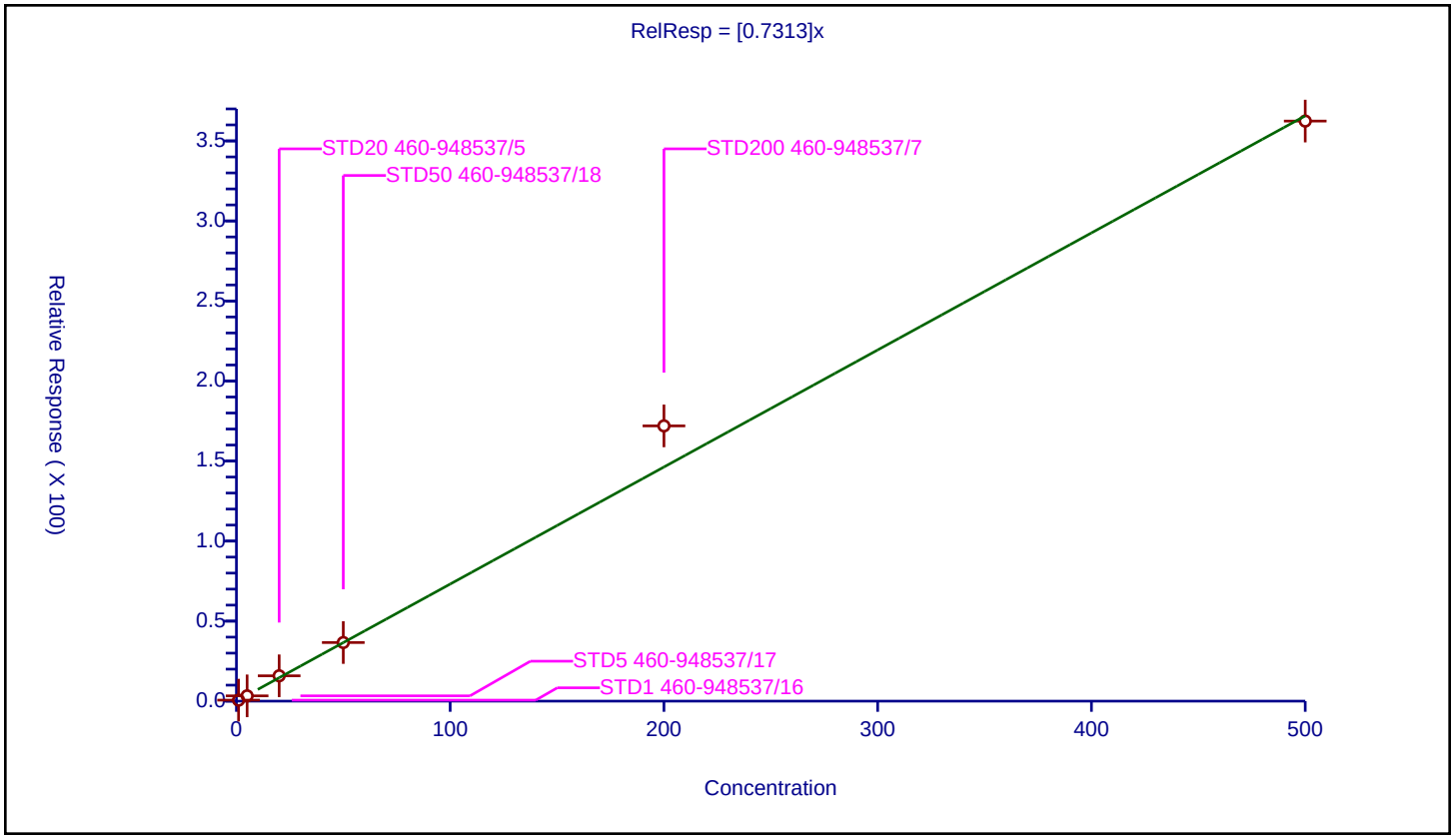
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7313 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2550000 |
| **Relative Standard Error:** | 11.9 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.617001 | 50.0 | 512884.0 | 0.617001 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.310633 | 50.0 | 555060.0 | 0.662127 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 15.835076 | 50.0 | 493632.0 | 0.791754 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 36.615284 | 50.0 | 502958.0 | 0.732306 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 171.965363 | 50.0 | 505291.0 | 0.859827 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 362.401164 | 50.0 | 747325.0 | 0.724802 | Y |






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## Calibration / Isobutyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

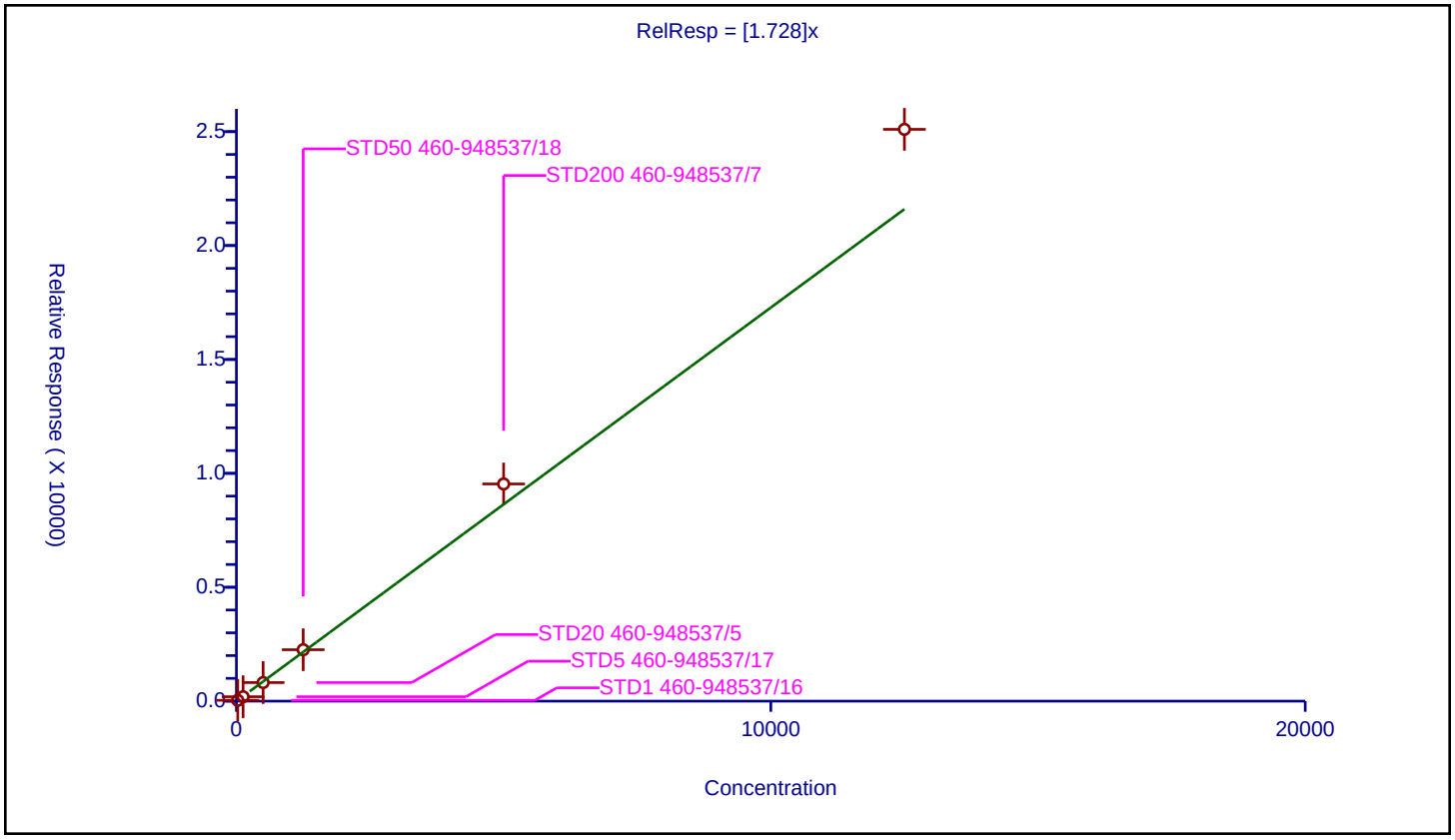
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.728 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2540000 |
| **Relative Standard Error:** | 12.3 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 25.0 | 36.650732 | 1000.0 | 172575.0 | 1.466029 | Y |
| 2 | STD5 460-948537/17 | 125.0 | 193.677853 | 1000.0 | 181141.0 | 1.549423 | Y |
| 3 | STD20 460-948537/5 | 500.0 | 815.376878 | 1000.0 | 194851.0 | 1.630754 | Y |
| 4 | STD50 460-948537/18 | 1250.0 | 2256.95765 | 1000.0 | 178796.0 | 1.805566 | Y |
| 5 | STD200 460-948537/7 | 5000.0 | 9534.434217 | 1000.0 | 192512.0 | 1.906887 | Y |
| 6 | STD500 460-948537/8 | 12500.0 | 25101.581421 | 1000.0 | 214301.0 | 2.008127 | Y |



## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

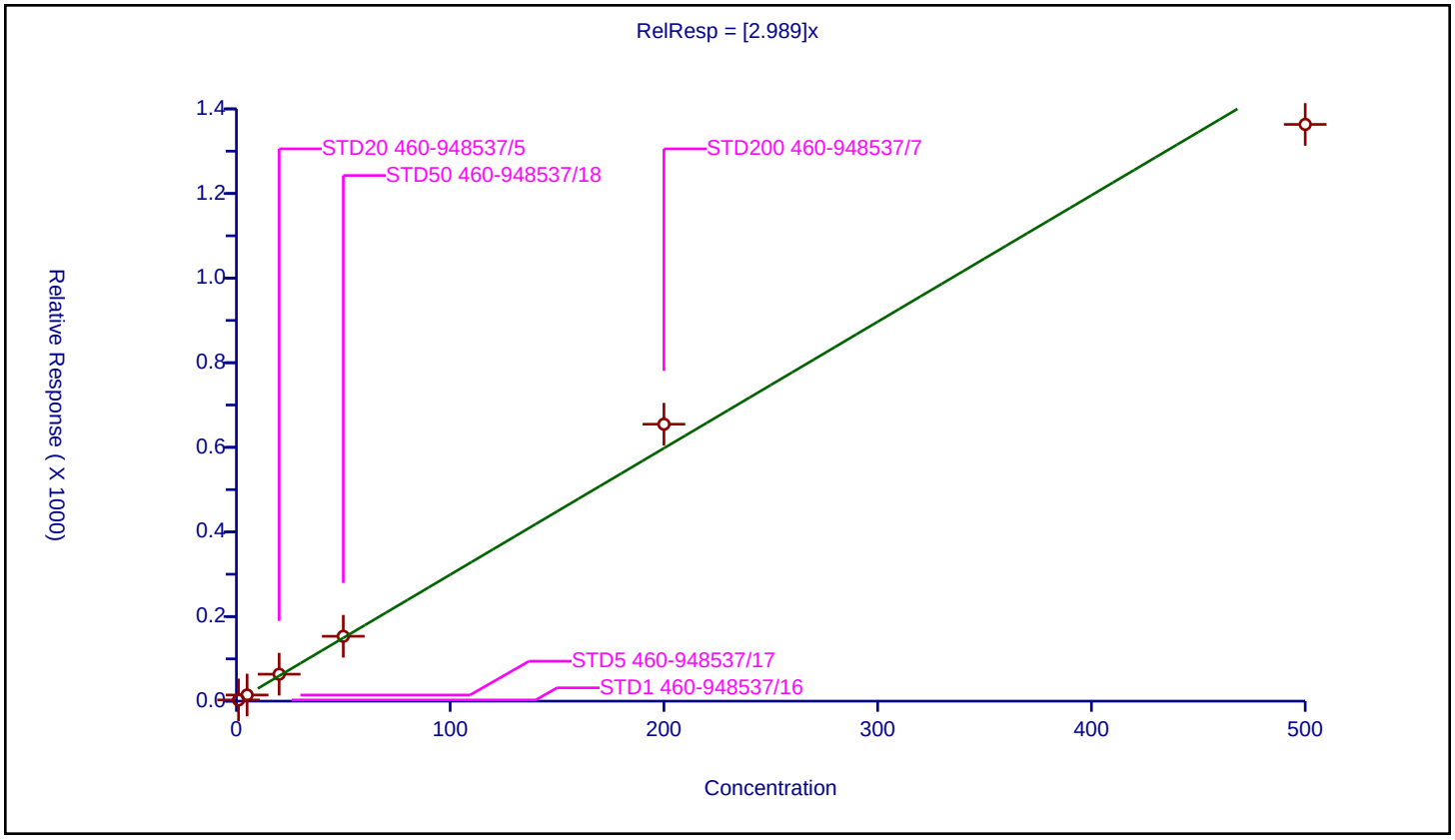
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.989 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 6250000 |
| **Relative Standard Error:** | 7.4 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 2.787663 | 50.0 | 327640.0 | 2.787663 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 14.491785 | 50.0 | 353935.0 | 2.898357 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 63.683389 | 50.0 | 312693.0 | 3.184169 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 153.325584 | 50.0 | 323898.0 | 3.066512 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 654.621145 | 50.0 | 330351.0 | 3.273106 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1363.324922 | 50.0 | 485440.0 | 2.72665 | 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 |

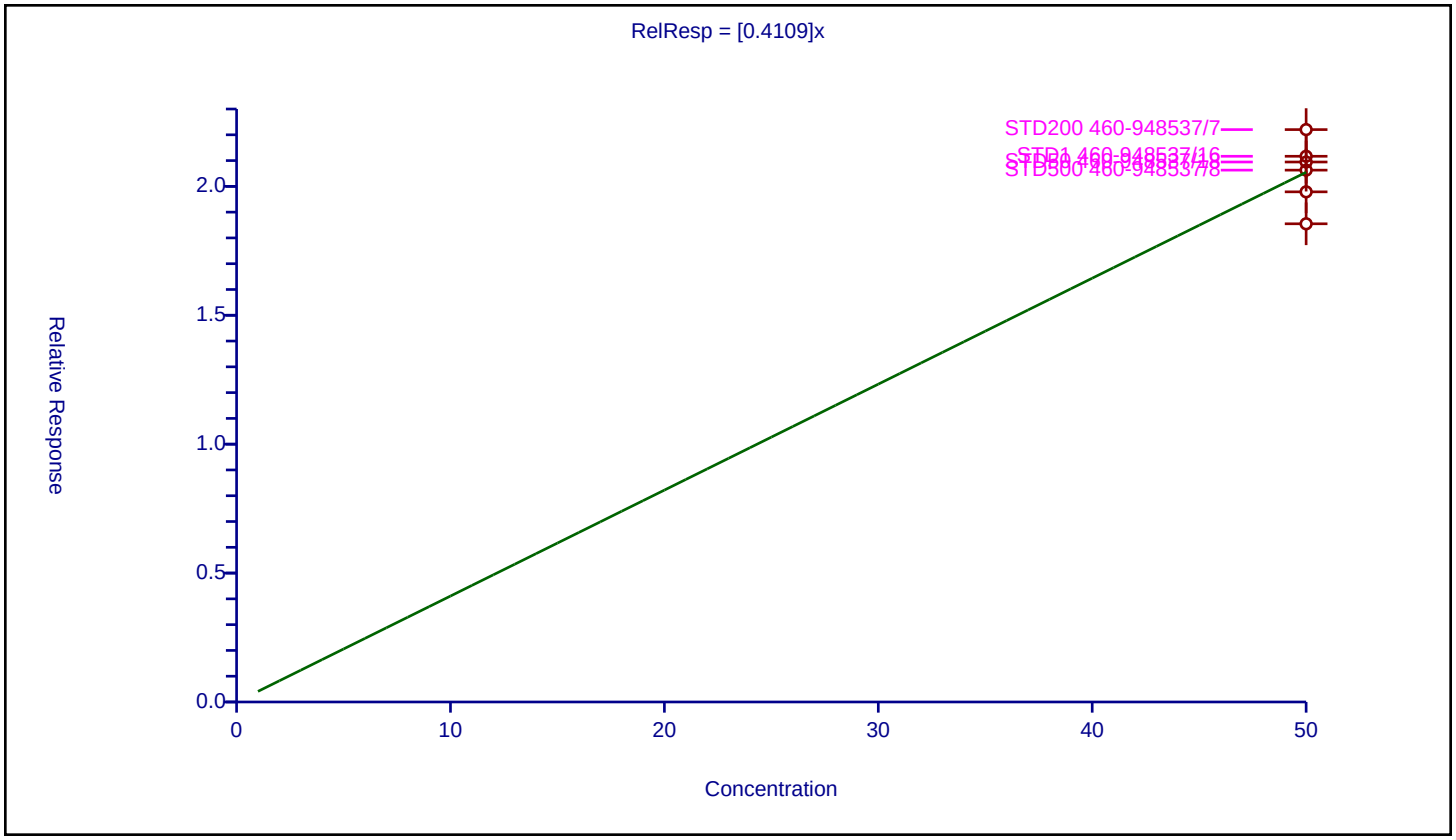
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4109 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 252000 |
| **Relative Standard Error:** | 6.1 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD20 460-948537/5 | 50.0 | 18.548129 | 50.0 | 493632.0 | 0.370963 | Y |
| 2 | STD200 460-948537/7 | 50.0 | 22.201365 | 50.0 | 505291.0 | 0.444027 | Y |
| 3 | STD500 460-948537/8 | 50.0 | 20.62978 | 50.0 | 747325.0 | 0.412596 | Y |
| 4 | STD1 460-948537/16 | 50.0 | 21.167165 | 50.0 | 512884.0 | 0.423343 | Y |
| 5 | STD5 460-948537/17 | 50.0 | 19.7875 | 50.0 | 555060.0 | 0.39575 | Y |
| 6 | STD50 460-948537/18 | 50.0 | 20.944691 | 50.0 | 502958.0 | 0.418894 | Y |



## Calibration / Tert-amyl methyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

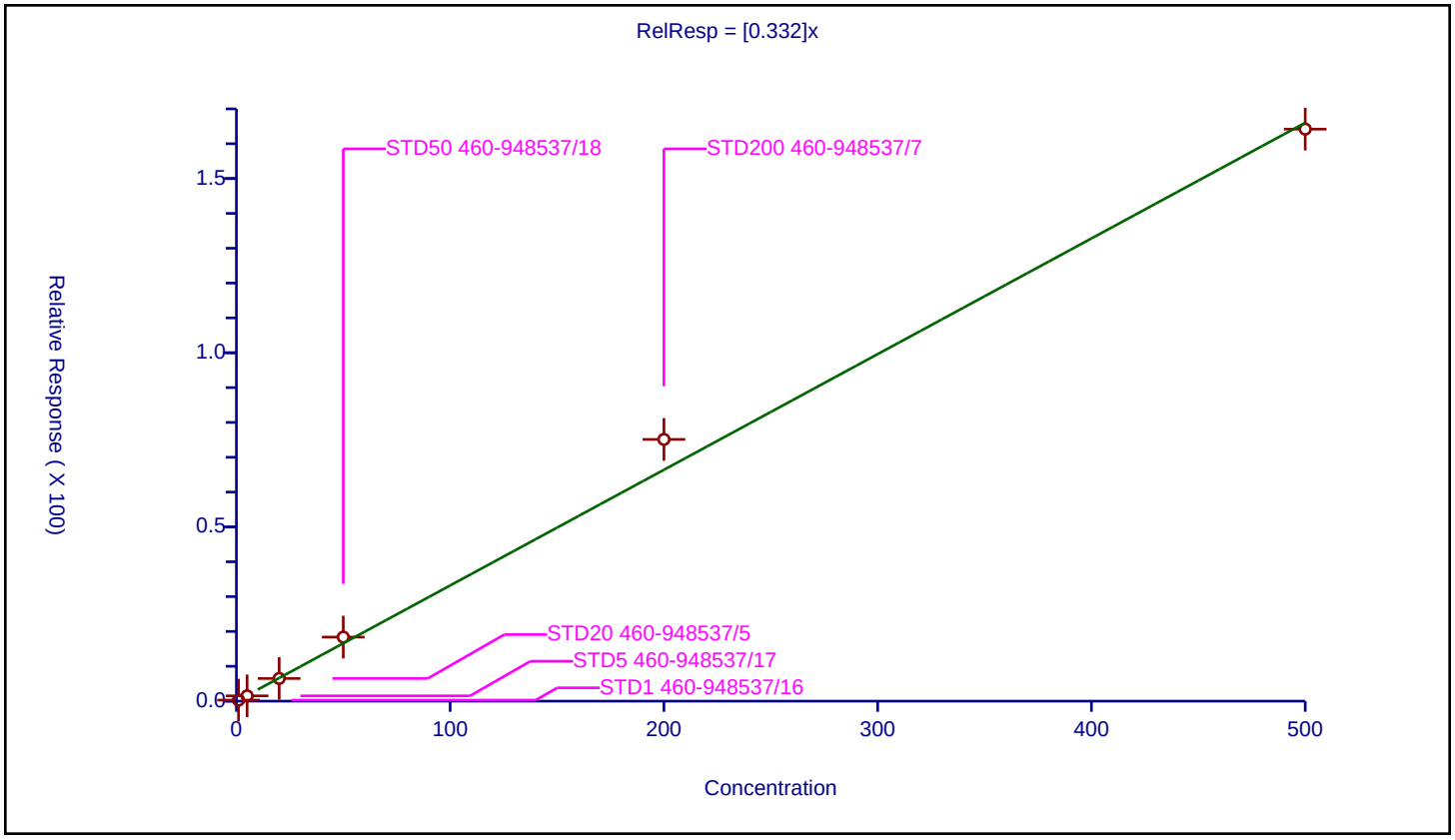
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.332 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1150000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.291879 | 50.0 | 512884.0 | 0.291879 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.515962 | 50.0 | 555060.0 | 0.303192 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 6.509505 | 50.0 | 493632.0 | 0.325475 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 18.381555 | 50.0 | 502958.0 | 0.367631 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 75.123543 | 50.0 | 505291.0 | 0.375618 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 164.189877 | 50.0 | 747325.0 | 0.32838 | Y |



## Calibration / Isopropyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

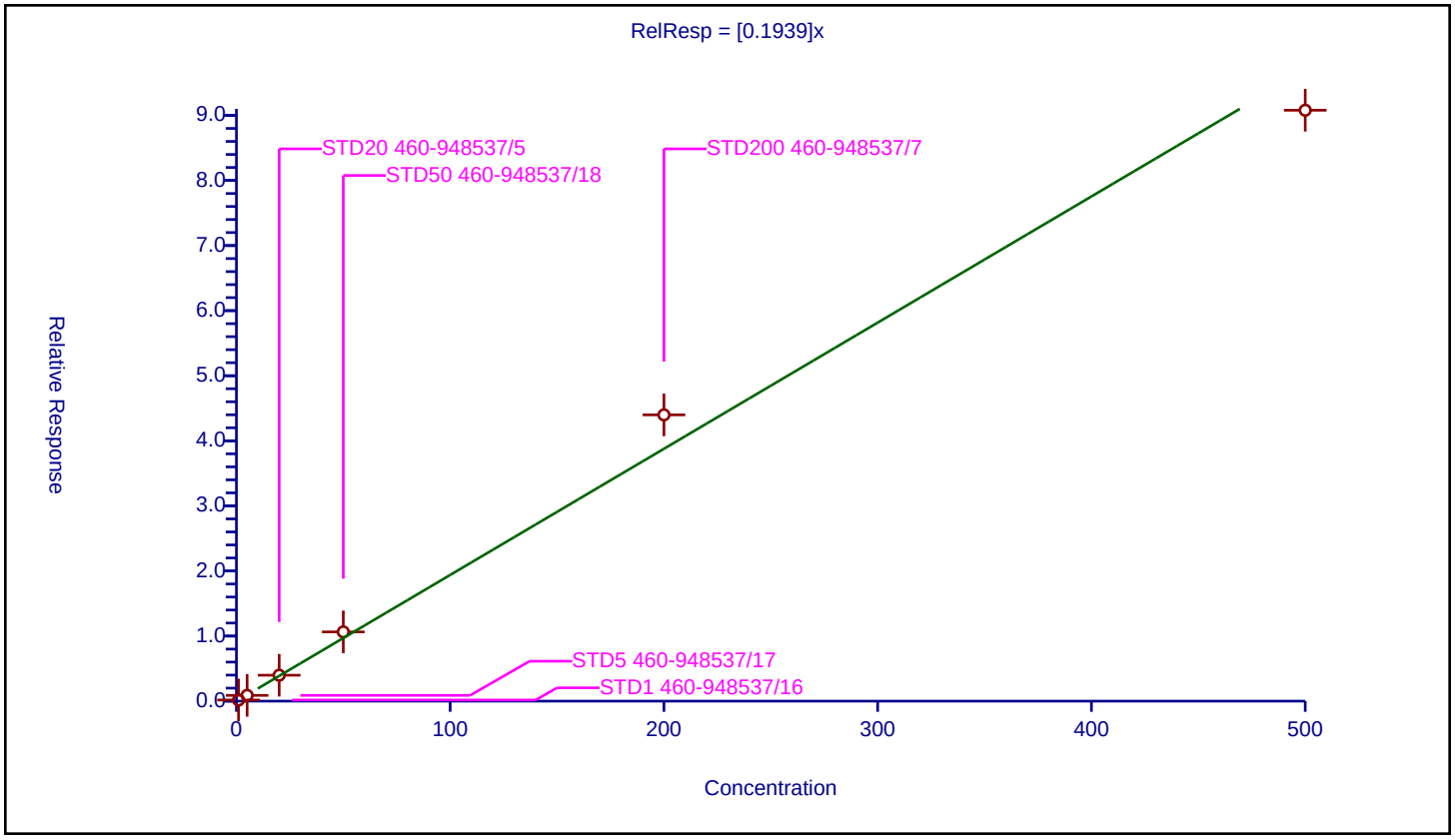
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1939 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 641000 |
| **Relative Standard Error:** | 10.2 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.172456 | 50.0 | 512884.0 | 0.172456 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 0.886571 | 50.0 | 555060.0 | 0.177314 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 3.983939 | 50.0 | 493632.0 | 0.199197 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 10.636673 | 50.0 | 502958.0 | 0.212733 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 43.98604 | 50.0 | 505291.0 | 0.21993 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 90.790218 | 50.0 | 747325.0 | 0.18158 | Y |



## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

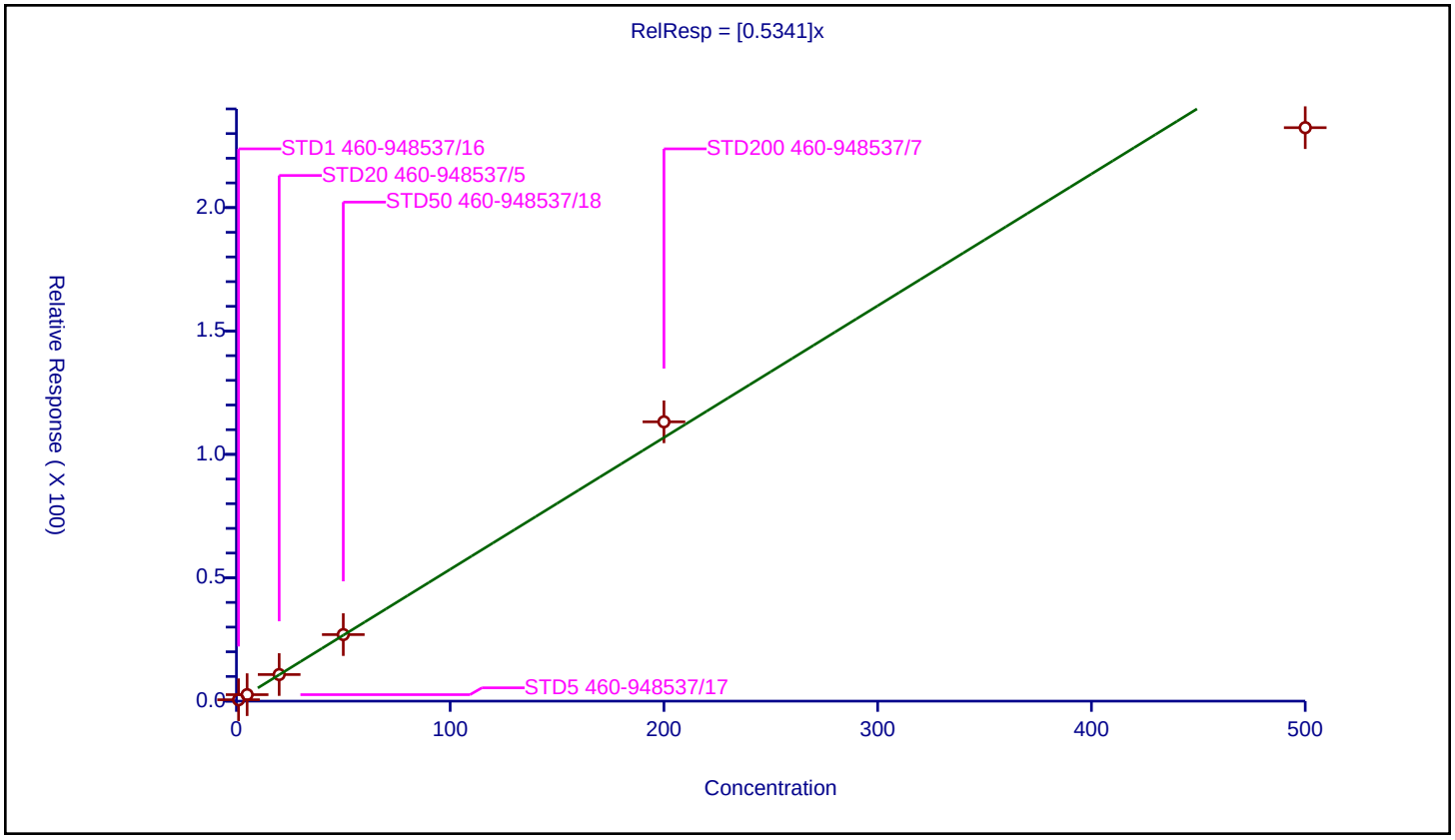
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5341 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1640000 |
| **Relative Standard Error:** | 7.1 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.570109 | 50.0 | 512884.0 | 0.570109 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.627374 | 50.0 | 555060.0 | 0.525475 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 10.77422 | 50.0 | 493632.0 | 0.538711 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 26.968653 | 50.0 | 502958.0 | 0.539373 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 113.197148 | 50.0 | 505291.0 | 0.565986 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 232.38678 | 50.0 | 747325.0 | 0.464774 | Y |



## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

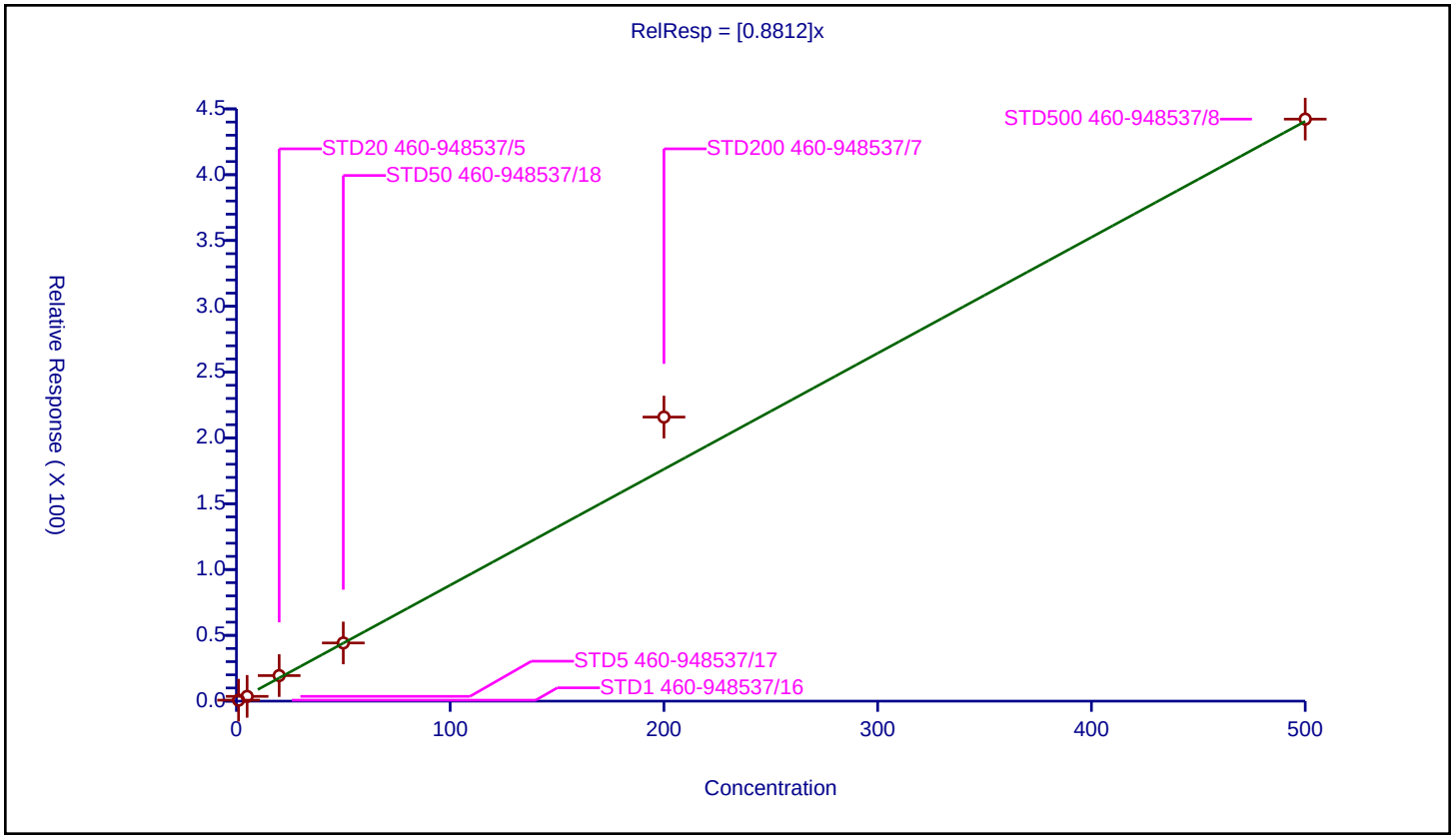
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8812 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3120000 |
| **Relative Standard Error:** | 15.3 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.977 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.743345 | 50.0 | 512884.0 | 0.743345 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.624563 | 50.0 | 555060.0 | 0.724913 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 19.413247 | 50.0 | 493632.0 | 0.970662 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 44.215919 | 50.0 | 502958.0 | 0.884318 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 215.845226 | 50.0 | 505291.0 | 1.079226 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 442.225003 | 50.0 | 747325.0 | 0.88445 | Y |



## Calibration / n-Butanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

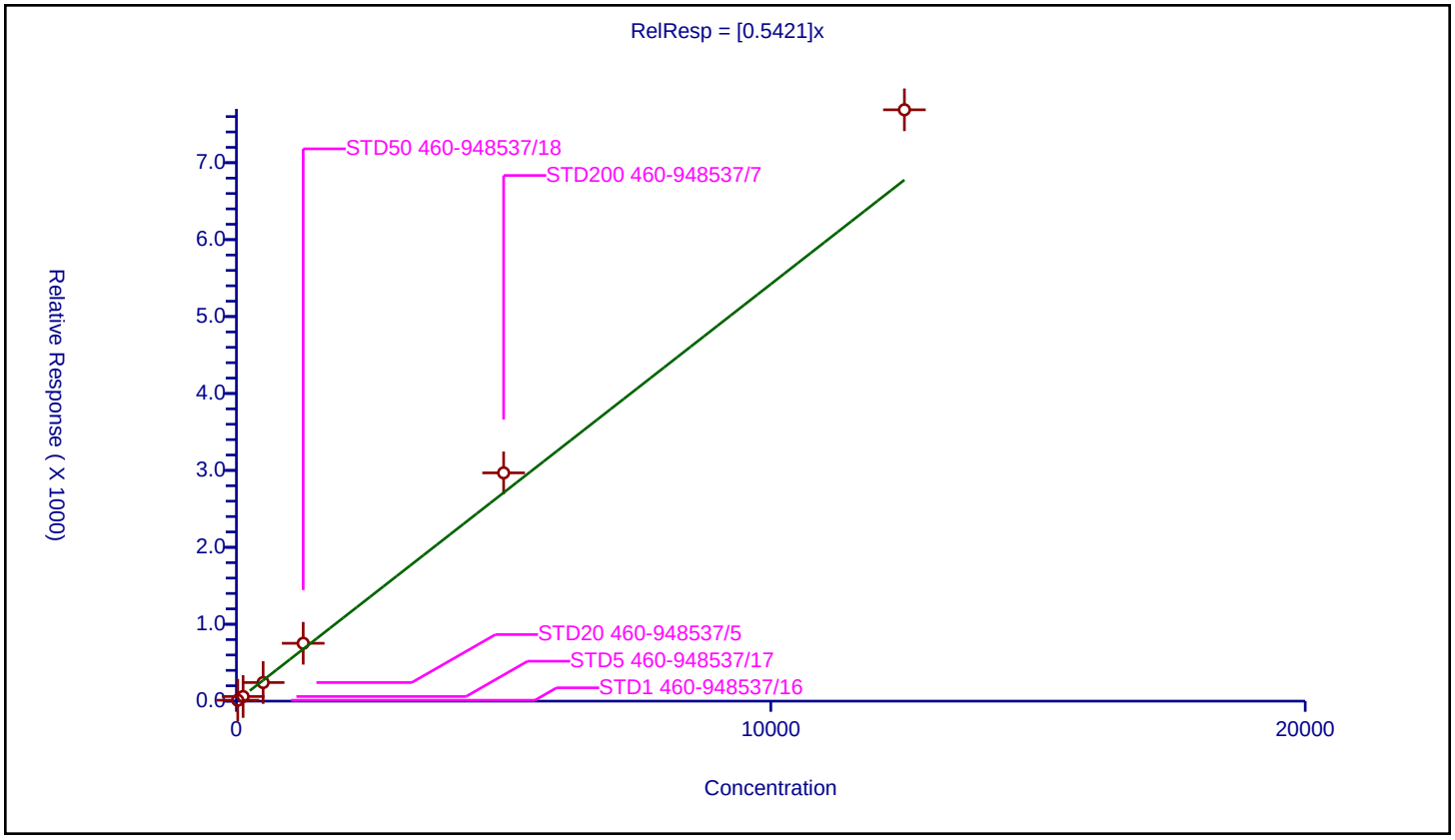
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5421 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 779000 |
| **Relative Standard Error:** | 12.5 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 25.0 | 11.92525 | 1000.0 | 172575.0 | 0.47701 | Y |
| 2 | STD5 460-948537/17 | 125.0 | 60.240365 | 1000.0 | 181141.0 | 0.481923 | Y |
| 3 | STD20 460-948537/5 | 500.0 | 241.733427 | 1000.0 | 194851.0 | 0.483467 | Y |
| 4 | STD50 460-948537/18 | 1250.0 | 752.153292 | 1000.0 | 178796.0 | 0.601723 | Y |
| 5 | STD200 460-948537/7 | 5000.0 | 2967.898105 | 1000.0 | 192512.0 | 0.59358 | Y |
| 6 | STD500 460-948537/8 | 12500.0 | 7688.260904 | 1000.0 | 214301.0 | 0.615061 | Y |



## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

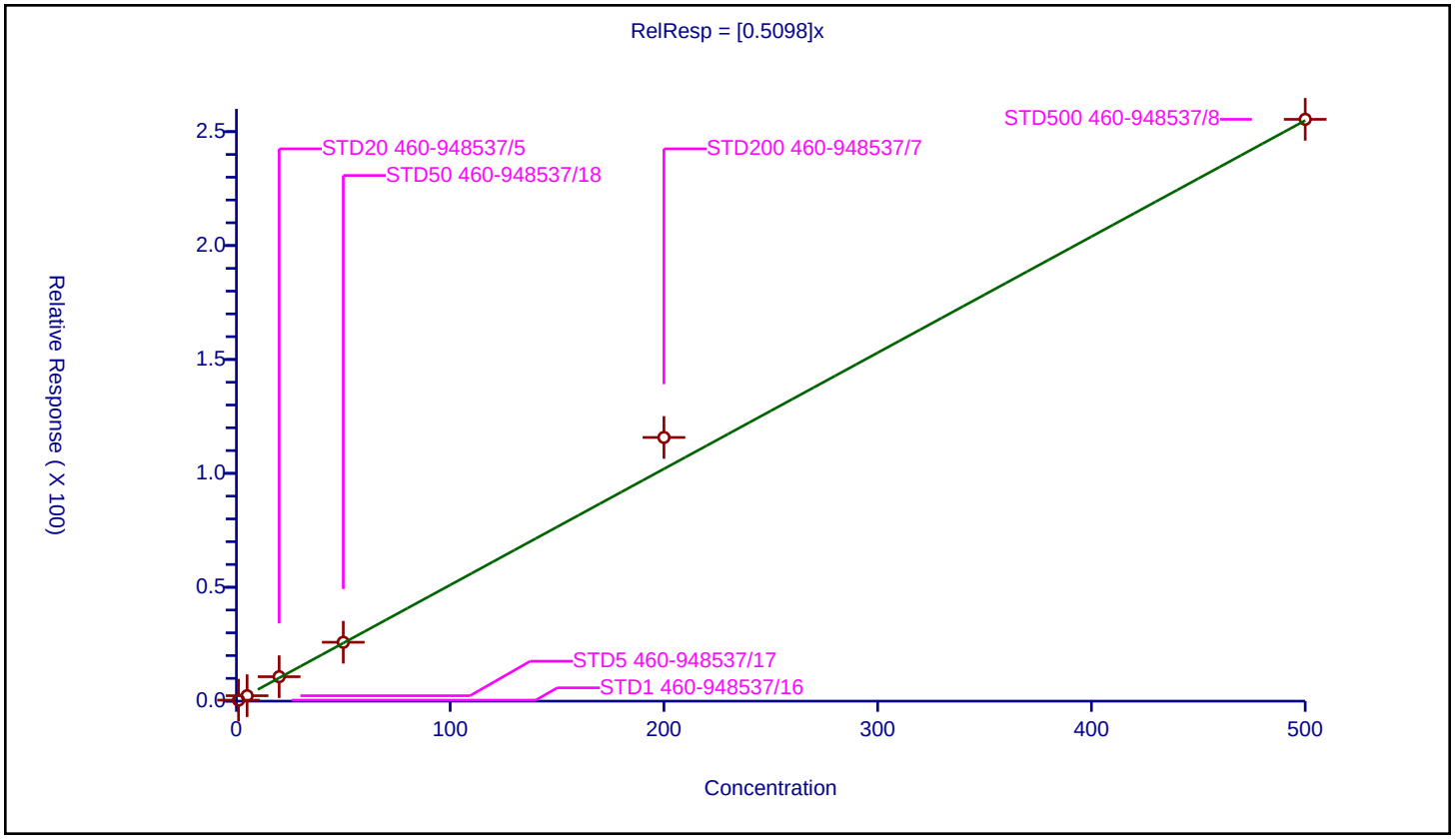
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5098 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1790000 |
| **Relative Standard Error:** | 9.4 |
| **Correlation Coefficient:** | 0.991 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.44123 | 50.0 | 512884.0 | 0.44123 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.375059 | 50.0 | 555060.0 | 0.475012 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 10.7255 | 50.0 | 493632.0 | 0.536275 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 25.84172 | 50.0 | 502958.0 | 0.516834 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 115.762303 | 50.0 | 505291.0 | 0.578812 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 255.422005 | 50.0 | 747325.0 | 0.510844 | Y |






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## Calibration / Methylcyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

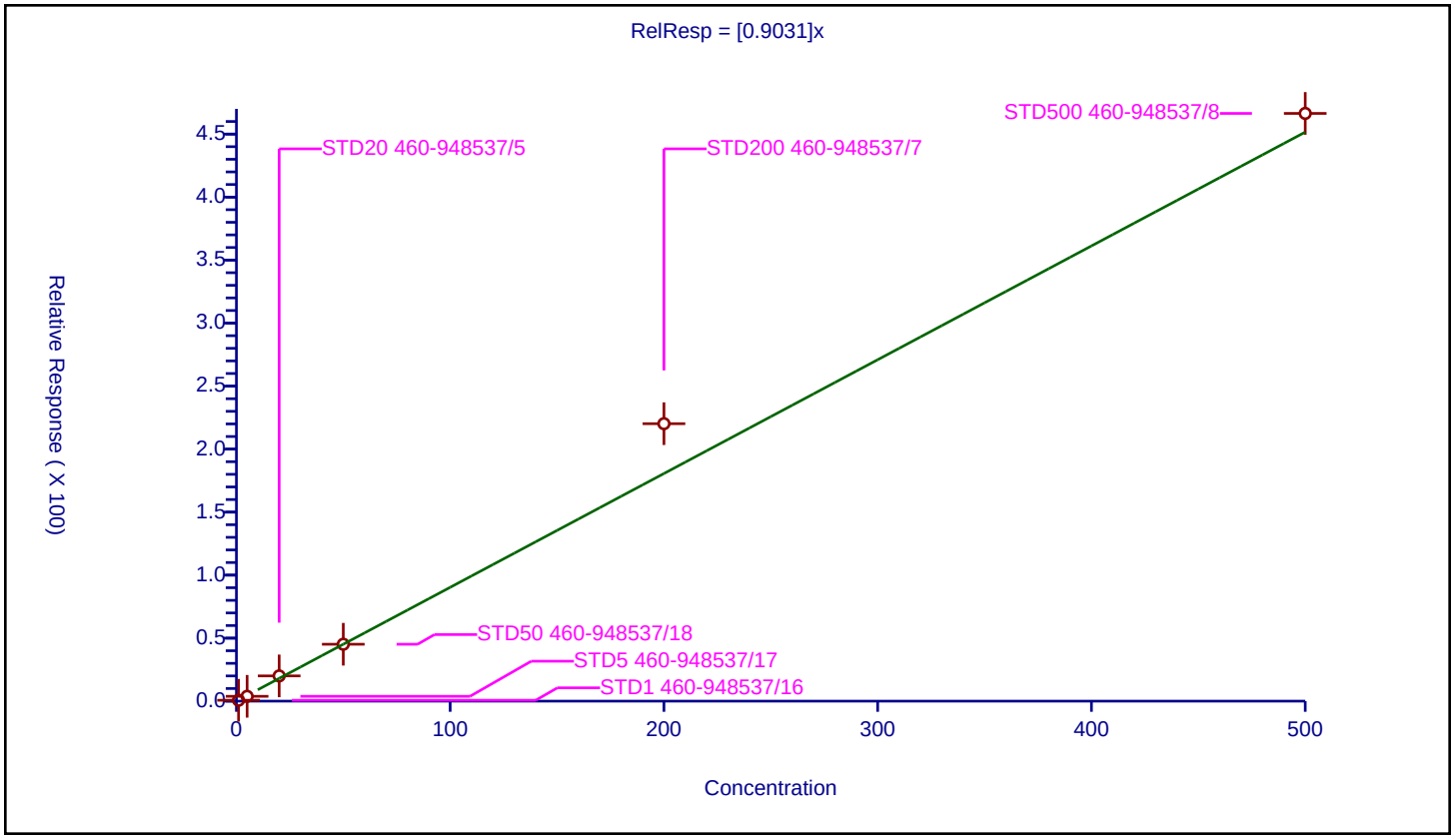
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9031 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3280000 |
| **Relative Standard Error:** | 15.9 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.975 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.715366 | 50.0 | 512884.0 | 0.715366 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.828505 | 50.0 | 555060.0 | 0.765701 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 20.019265 | 50.0 | 493632.0 | 1.000963 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 45.151782 | 50.0 | 502958.0 | 0.903036 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 220.185398 | 50.0 | 505291.0 | 1.100927 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 466.396815 | 50.0 | 747325.0 | 0.932794 | Y |



## Calibration / Ethyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

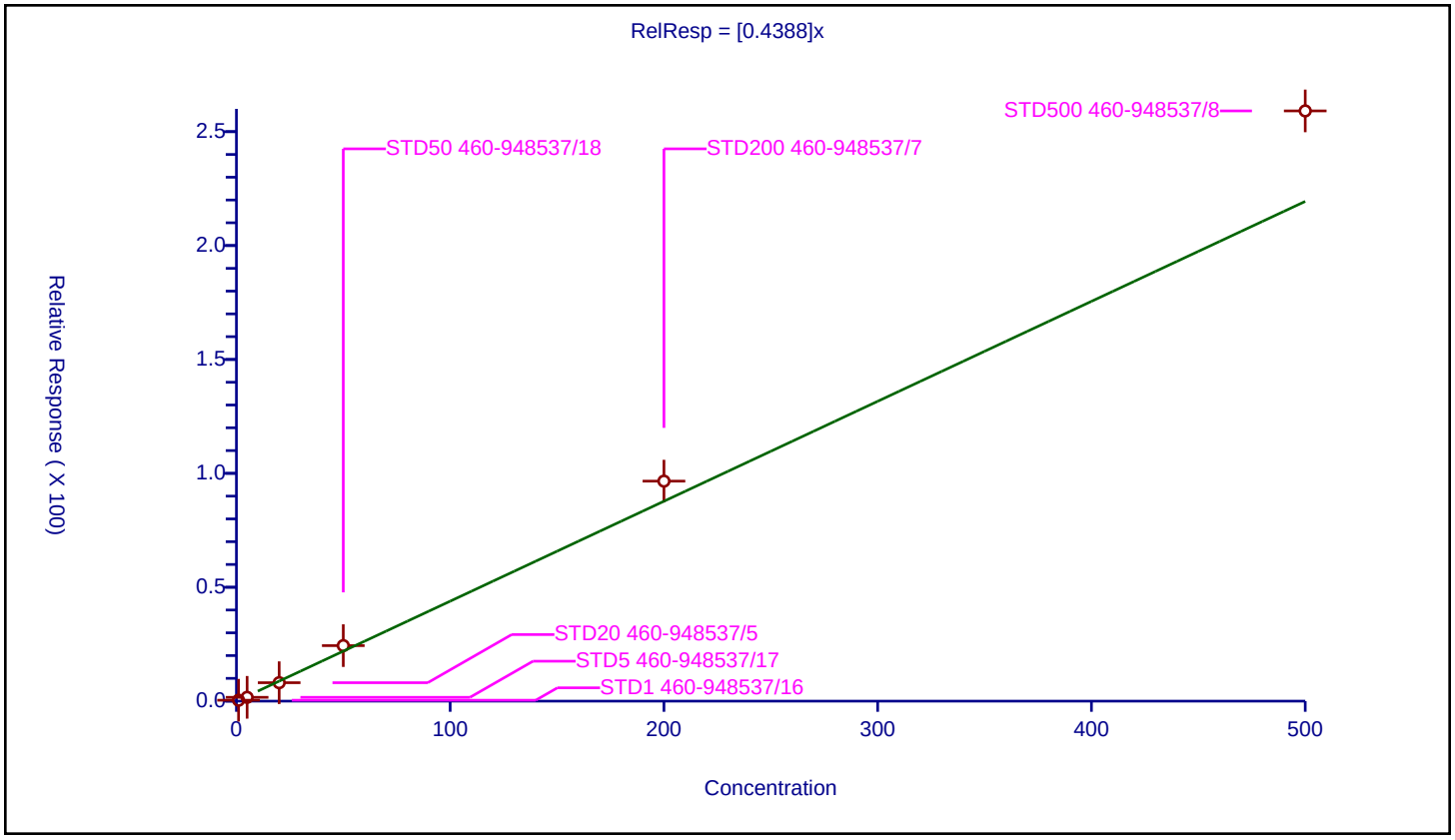
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4388 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1790000 |
| **Relative Standard Error:** | 15.6 |
| **Correlation Coefficient:** | 0.979 |
| **Coefficient of Determination (Adjusted):** | 0.975 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.402723 | 50.0 | 512884.0 | 0.402723 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.683061 | 50.0 | 555060.0 | 0.336612 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 8.094188 | 50.0 | 493632.0 | 0.404709 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 24.371419 | 50.0 | 502958.0 | 0.487428 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 96.586324 | 50.0 | 505291.0 | 0.482932 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 259.108955 | 50.0 | 747325.0 | 0.518218 | Y |






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## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

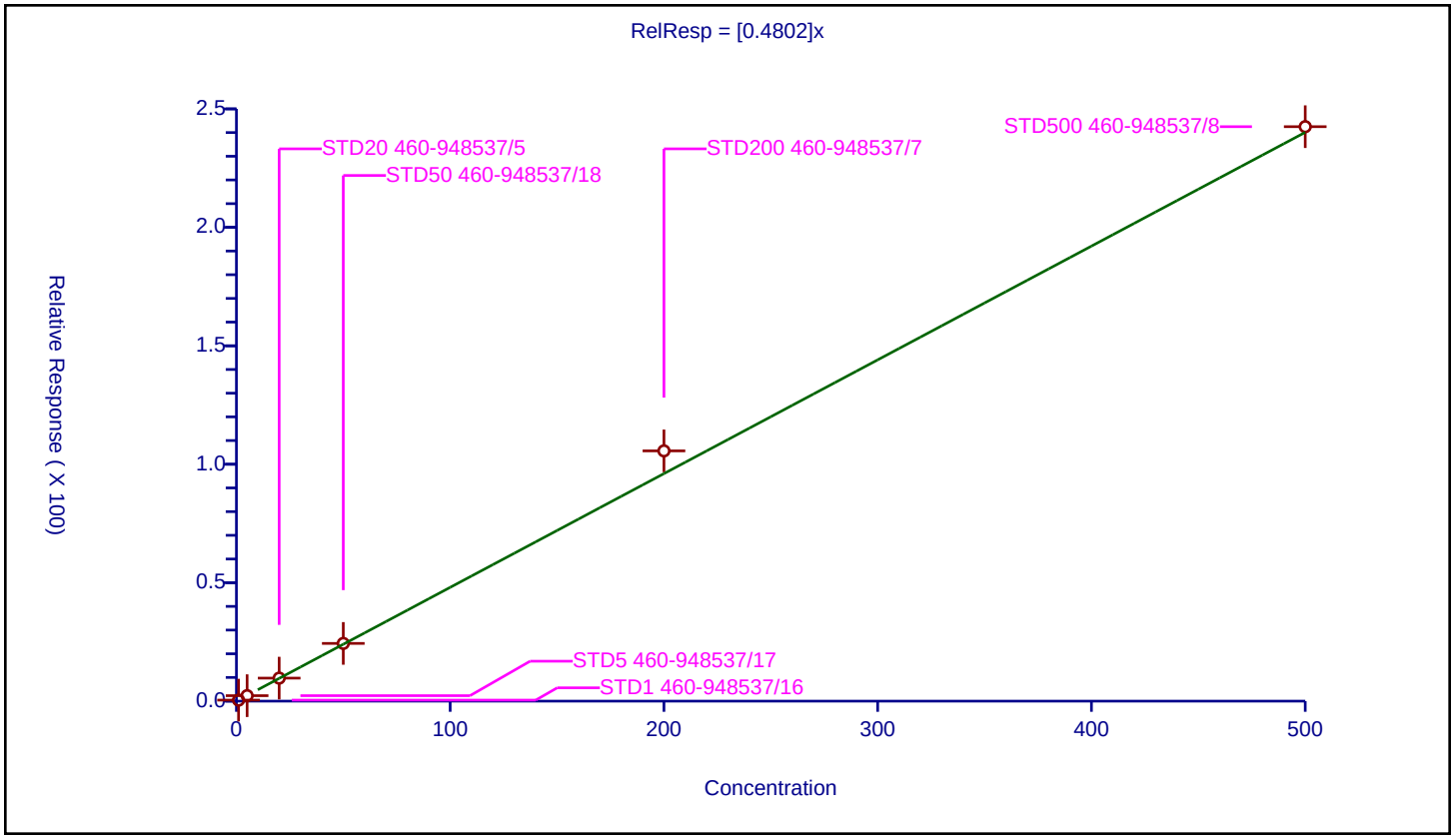
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4802 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1690000 |
| **Relative Standard Error:** | 6.6 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.431579 | 50.0 | 512884.0 | 0.431579 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.315515 | 50.0 | 555060.0 | 0.463103 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 9.719487 | 50.0 | 493632.0 | 0.485974 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 24.368436 | 50.0 | 502958.0 | 0.487369 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 105.63883 | 50.0 | 505291.0 | 0.528194 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 242.490014 | 50.0 | 747325.0 | 0.48498 | Y |



## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

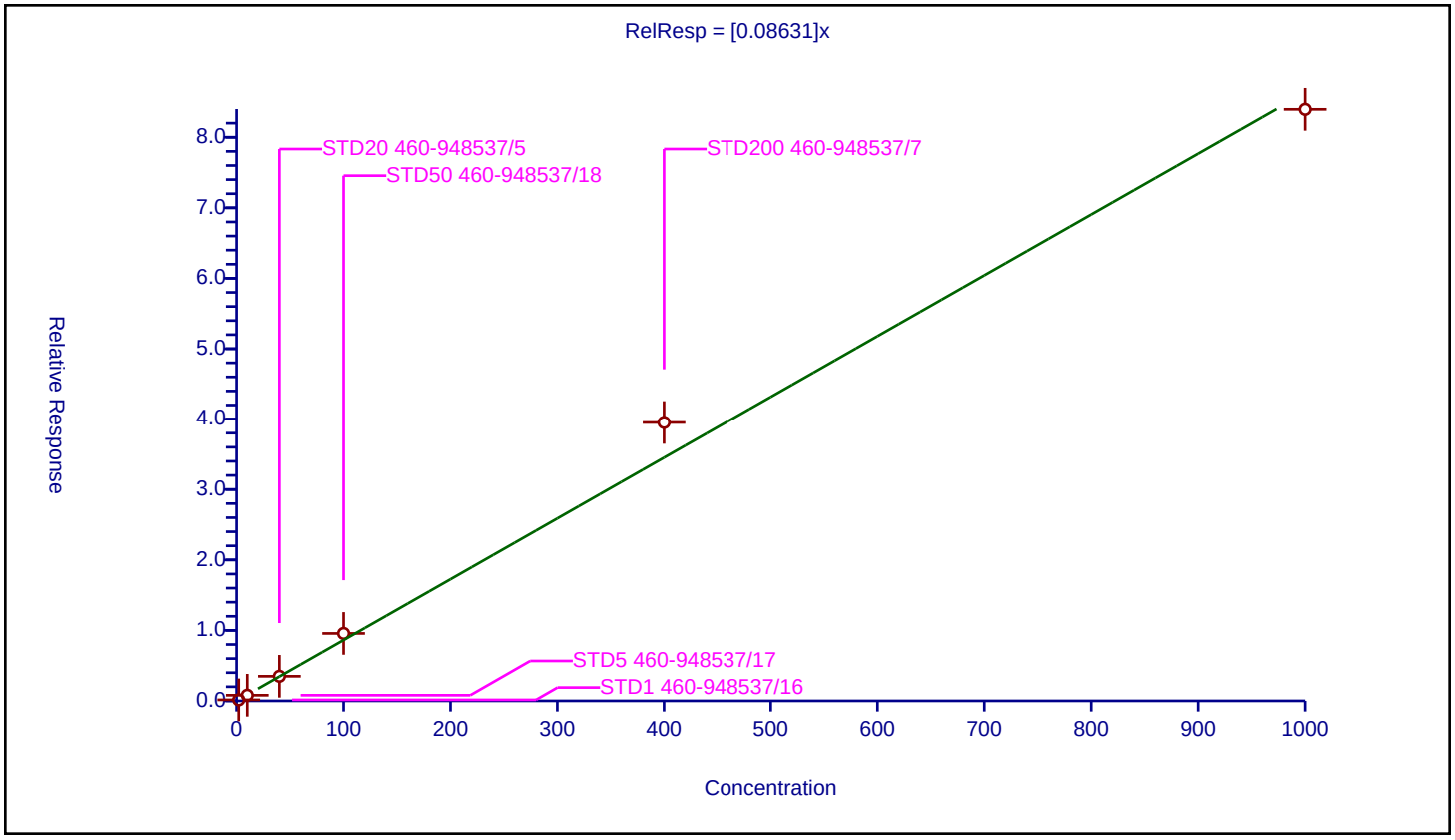
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08631 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 591000 |
| **Relative Standard Error:** | 11.5 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 2.0 | 0.144575 | 50.0 | 512884.0 | 0.072287 | Y |
| 2 | STD5 460-948537/17 | 10.0 | 0.798742 | 50.0 | 555060.0 | 0.079874 | Y |
| 3 | STD20 460-948537/5 | 40.0 | 3.489543 | 50.0 | 493632.0 | 0.087239 | Y |
| 4 | STD50 460-948537/18 | 100.0 | 9.568592 | 50.0 | 502958.0 | 0.095686 | Y |
| 5 | STD200 460-948537/7 | 400.0 | 39.524155 | 50.0 | 505291.0 | 0.09881 | Y |
| 6 | STD500 460-948537/8 | 1000.0 | 83.956913 | 50.0 | 747325.0 | 0.083957 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

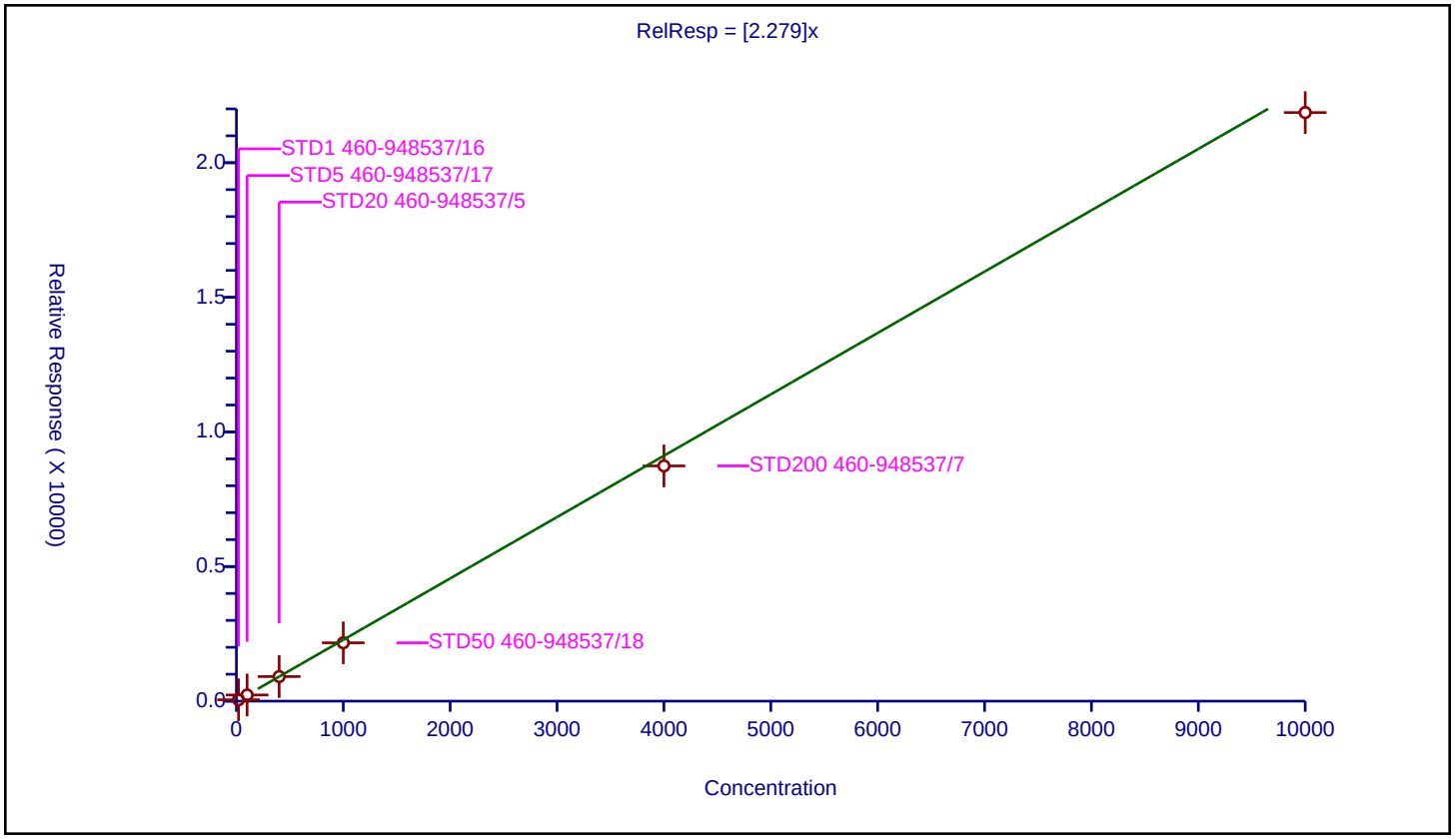
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.279 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 237000 |
| **Relative Standard Error:** | 6.6 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 20.0 | 51.341485 | 1000.0 | 17257.0 | 2.567074 | Y |
| 2 | STD5 460-948537/17 | 100.0 | 228.82318 | 1000.0 | 18499.0 | 2.288232 | Y |
| 3 | STD20 460-948537/5 | 400.0 | 912.998587 | 1000.0 | 18402.0 | 2.282496 | Y |
| 4 | STD50 460-948537/18 | 1000.0 | 2166.752684 | 1000.0 | 19376.0 | 2.166753 | Y |
| 5 | STD200 460-948537/7 | 4000.0 | 8737.43044 | 1000.0 | 20486.0 | 2.184358 | Y |
| 6 | STD500 460-948537/8 | 10000.0 | 21863.706806 | 1000.0 | 23875.0 | 2.186371 | Y |






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## Calibration / Dibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

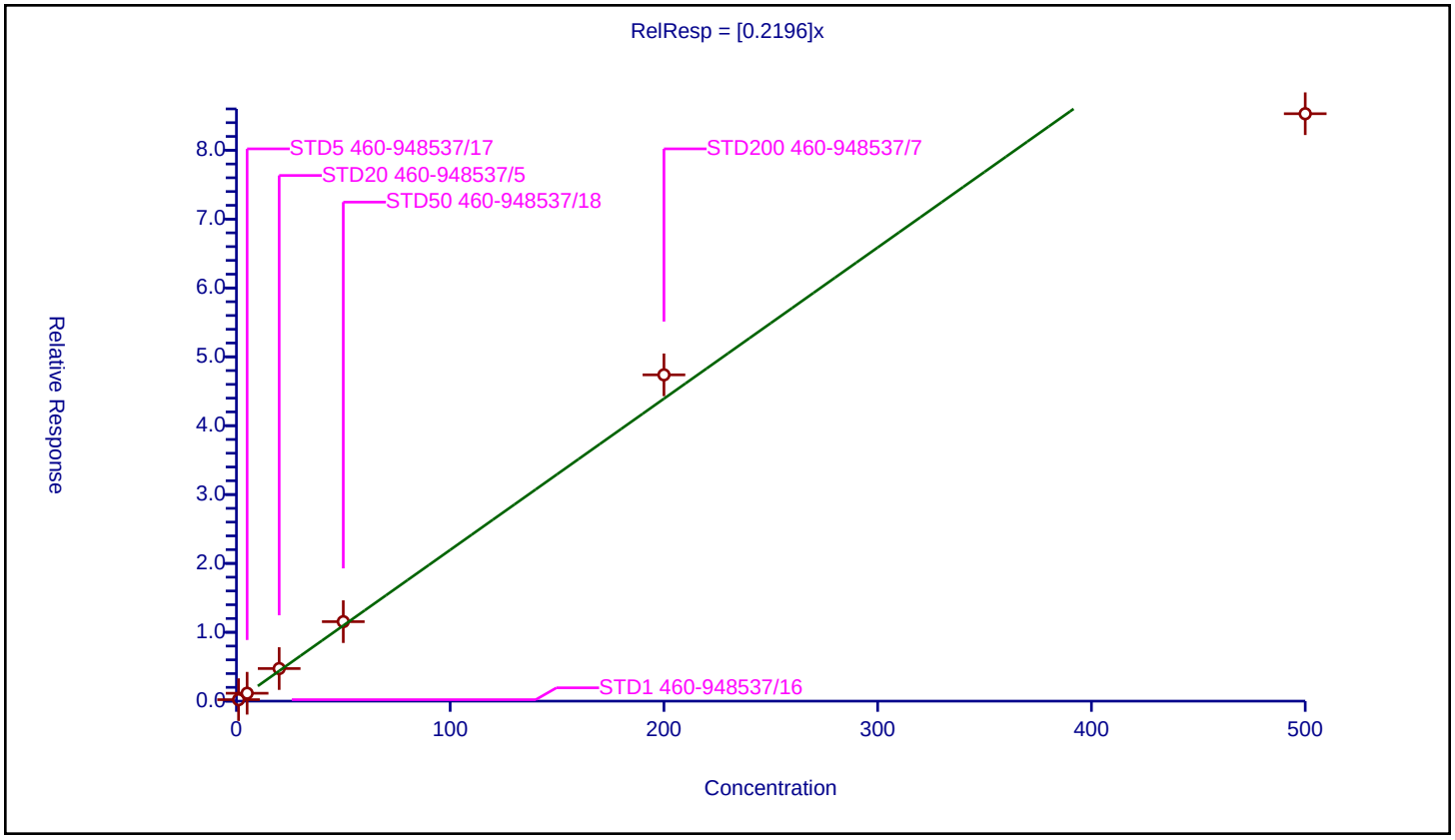
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2196 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 612000 |
| **Relative Standard Error:** | 11.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.213109 | 50.0 | 512884.0 | 0.213109 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.147353 | 50.0 | 555060.0 | 0.229471 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 4.731561 | 50.0 | 493632.0 | 0.236578 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 11.541123 | 50.0 | 502958.0 | 0.230822 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 47.384477 | 50.0 | 505291.0 | 0.236922 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 85.301843 | 50.0 | 747325.0 | 0.170604 | Y |



## Calibration / n-Propyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

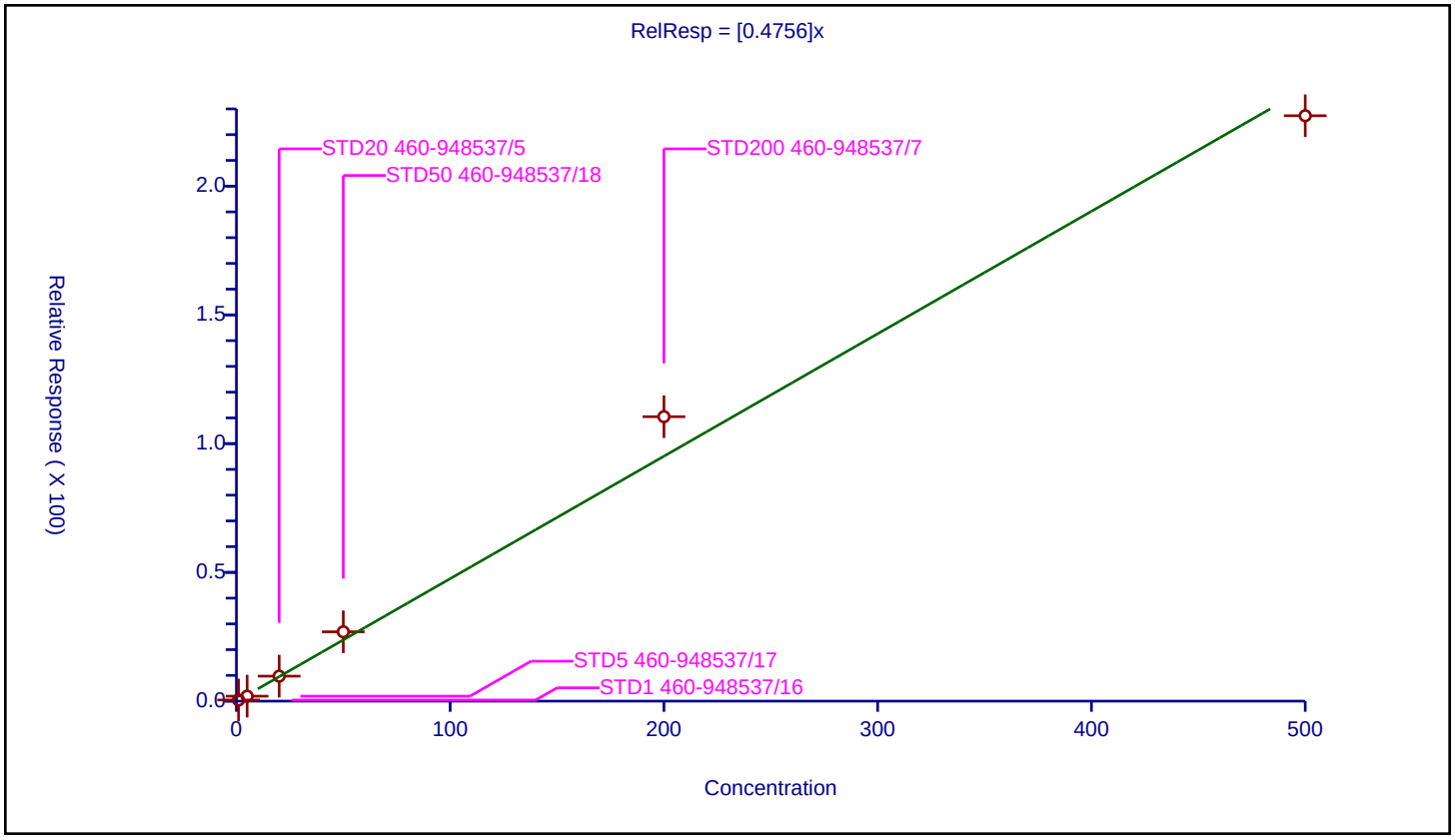
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4756 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1600000 |
| **Relative Standard Error:** | 13.2 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.435966 | 50.0 | 512884.0 | 0.435966 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.933845 | 50.0 | 555060.0 | 0.386769 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 9.702876 | 50.0 | 493632.0 | 0.485144 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 26.93028 | 50.0 | 502958.0 | 0.538606 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 110.469808 | 50.0 | 505291.0 | 0.552349 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 227.340247 | 50.0 | 747325.0 | 0.45468 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

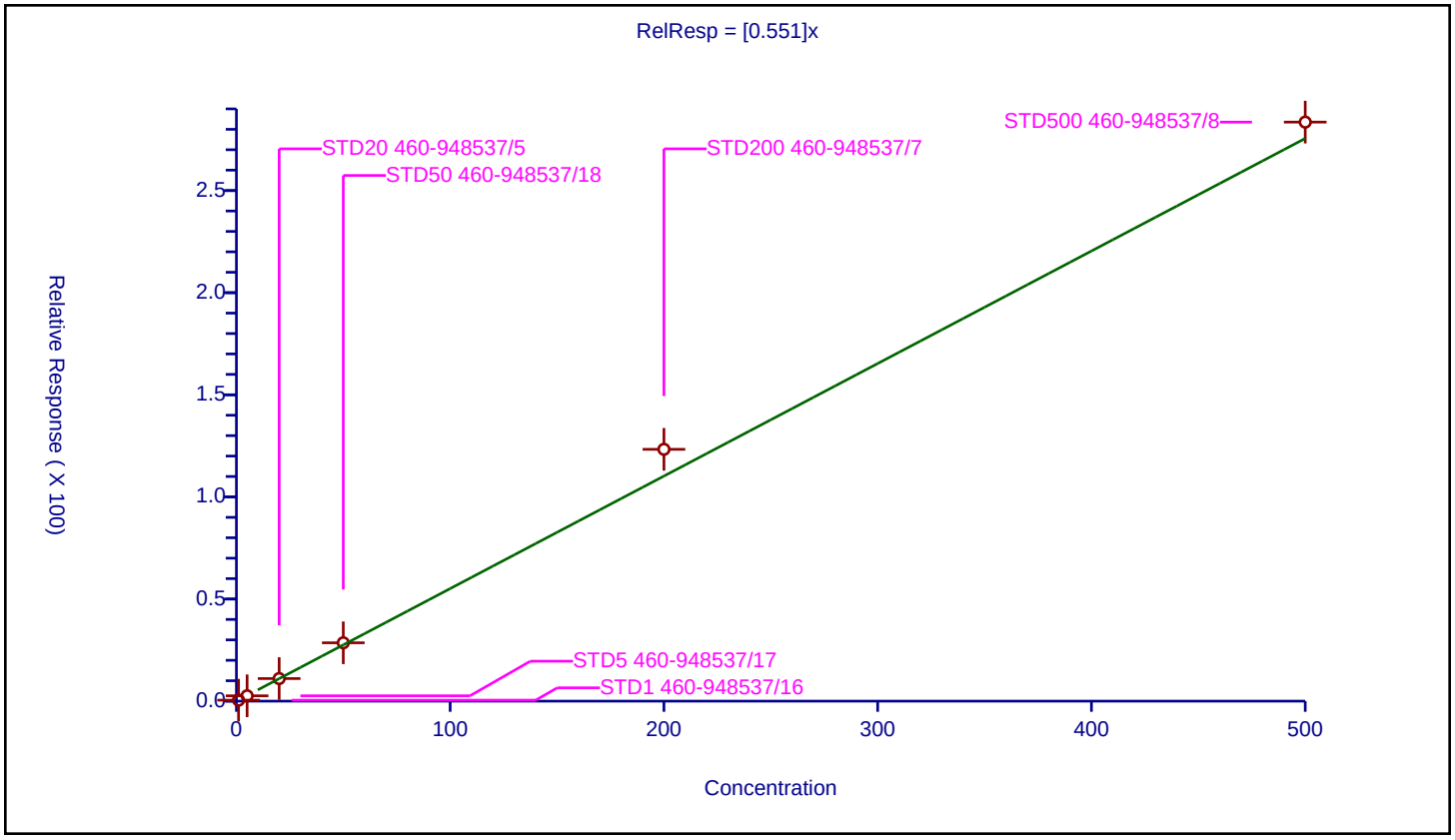
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.551 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1980000 |
| **Relative Standard Error:** | 8.7 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.476131 | 50.0 | 512884.0 | 0.476131 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.611519 | 50.0 | 555060.0 | 0.522304 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 11.057124 | 50.0 | 493632.0 | 0.552856 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 28.565904 | 50.0 | 502958.0 | 0.571318 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 123.307955 | 50.0 | 505291.0 | 0.61654 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 283.530258 | 50.0 | 747325.0 | 0.567061 | Y |



## Calibration / 2-Nitropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

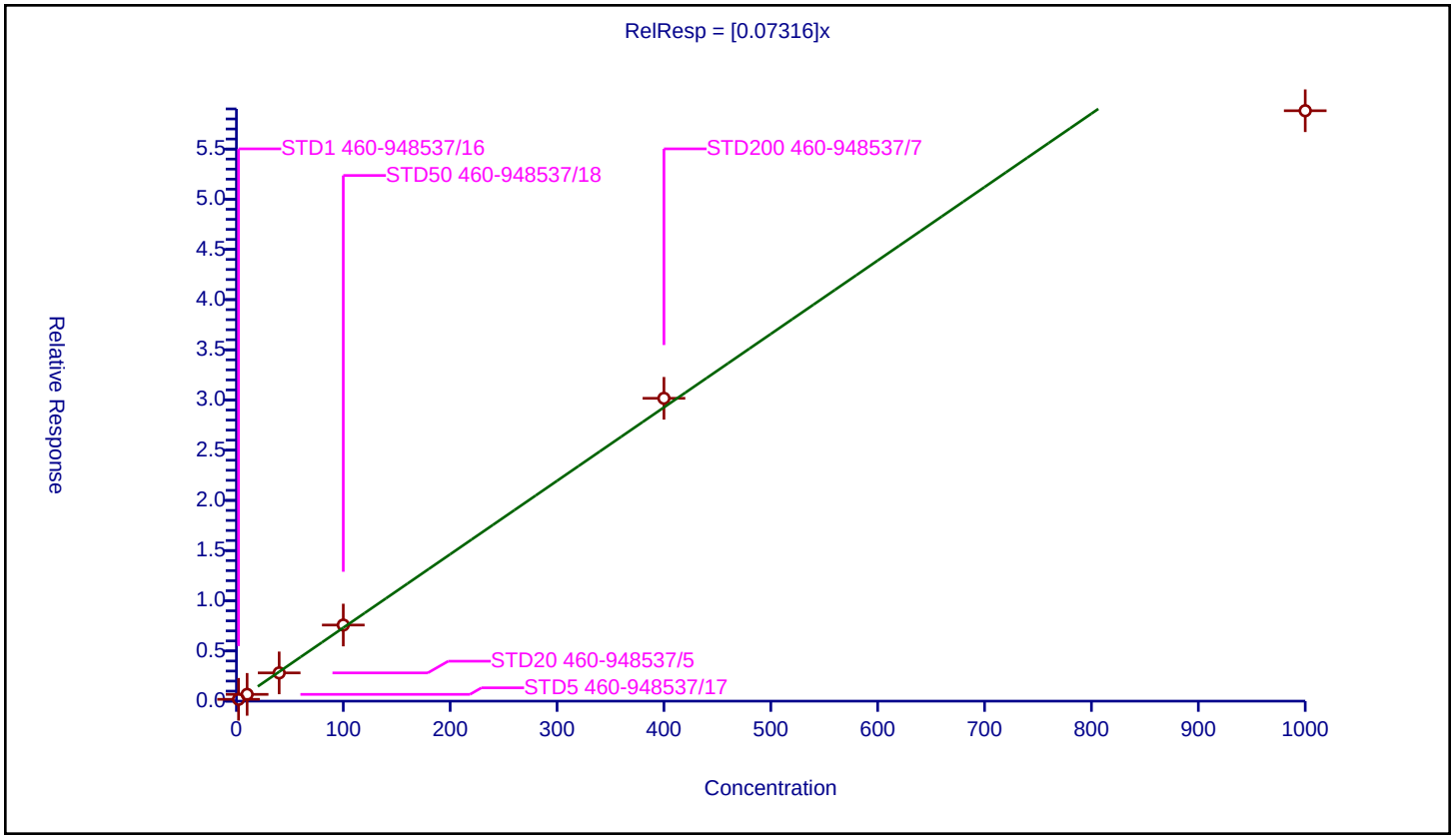
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07316 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 418000 |
| **Relative Standard Error:** | 14.7 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.973 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 2.0 | 0.182107 | 50.0 | 512884.0 | 0.091054 | Y |
| 2 | STD5 460-948537/17 | 10.0 | 0.675062 | 50.0 | 555060.0 | 0.067506 | Y |
| 3 | STD20 460-948537/5 | 40.0 | 2.813634 | 50.0 | 493632.0 | 0.070341 | Y |
| 4 | STD50 460-948537/18 | 100.0 | 7.582542 | 50.0 | 502958.0 | 0.075825 | Y |
| 5 | STD200 460-948537/7 | 400.0 | 30.17014 | 50.0 | 505291.0 | 0.075425 | Y |
| 6 | STD500 460-948537/8 | 1000.0 | 58.81765 | 50.0 | 747325.0 | 0.058818 | Y |






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## Calibration / 2-Chloroethyl vinyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

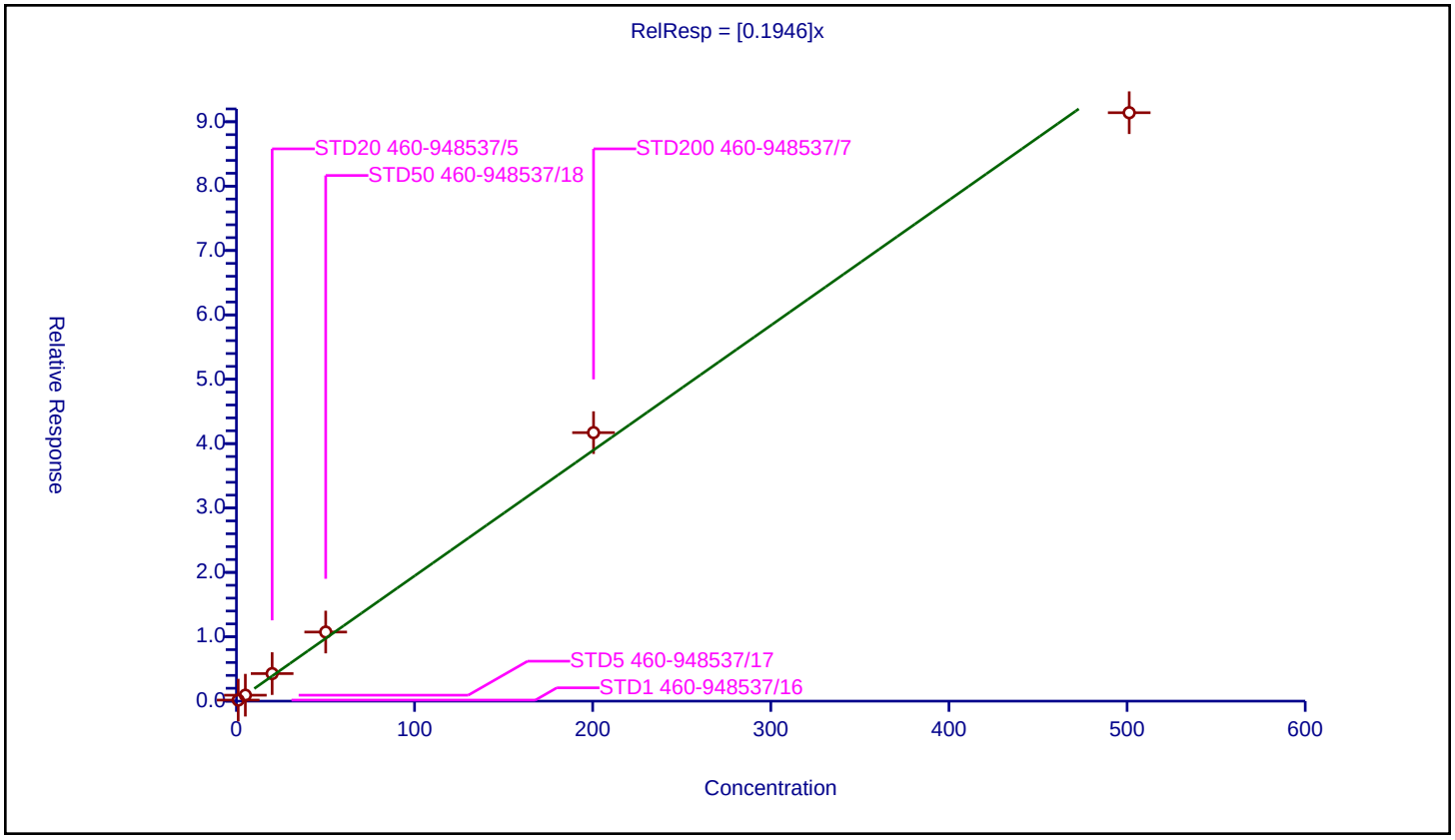
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1946 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 641000 |
| **Relative Standard Error:** | 10.5 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0024 | 0.165047 | 50.0 | 512884.0 | 0.164652 | Y |
| 2 | STD5 460-948537/17 | 5.012 | 0.924945 | 50.0 | 555060.0 | 0.184546 | Y |
| 3 | STD20 460-948537/5 | 20.048 | 4.280618 | 50.0 | 493632.0 | 0.213518 | Y |
| 4 | STD50 460-948537/18 | 50.12 | 10.733202 | 50.0 | 502958.0 | 0.21415 | Y |
| 5 | STD200 460-948537/7 | 200.48 | 41.712201 | 50.0 | 505291.0 | 0.208062 | Y |
| 6 | STD500 460-948537/8 | 501.2 | 91.409561 | 50.0 | 747325.0 | 0.182381 | Y |



## Calibration / Epichlorohydrin

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

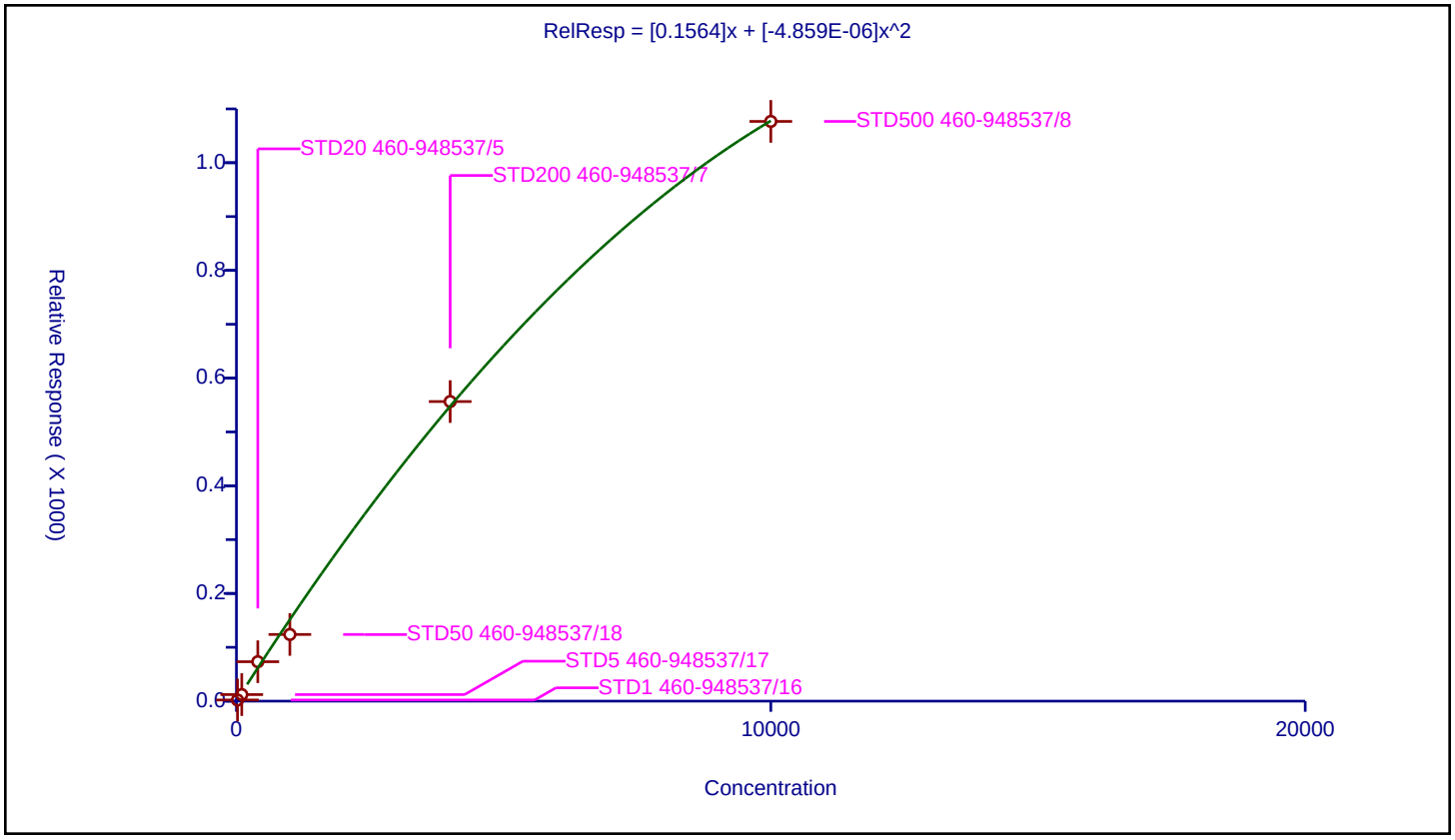
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1564 |
| **Second Order:** | -4.859E-06 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 455000 |
| **Relative Standard Error:** | 23.4 |
| **Correlation Coefficient:** | 0.991 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 20.000035 | 2.142615 | 250.0 | 144683.0 | 0.107131 | Y |
| 2 | STD5 460-948537/17 | 100.000173 | 12.178656 | 250.0 | 141826.0 | 0.121786 | Y |
| 3 | STD20 460-948537/5 | 400.000692 | 73.240691 | 250.0 | 152702.0 | 0.183101 | Y |
| 4 | STD50 460-948537/18 | 1000.00173 | 123.837003 | 250.0 | 146604.0 | 0.123837 | Y |
| 5 | STD200 460-948537/7 | 4000.00692 | 556.461051 | 250.0 | 158078.0 | 0.139115 | Y |
| 6 | STD500 460-948537/8 | 10000.0173 | 1076.762689 | 250.0 | 194121.0 | 0.107676 | 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 |

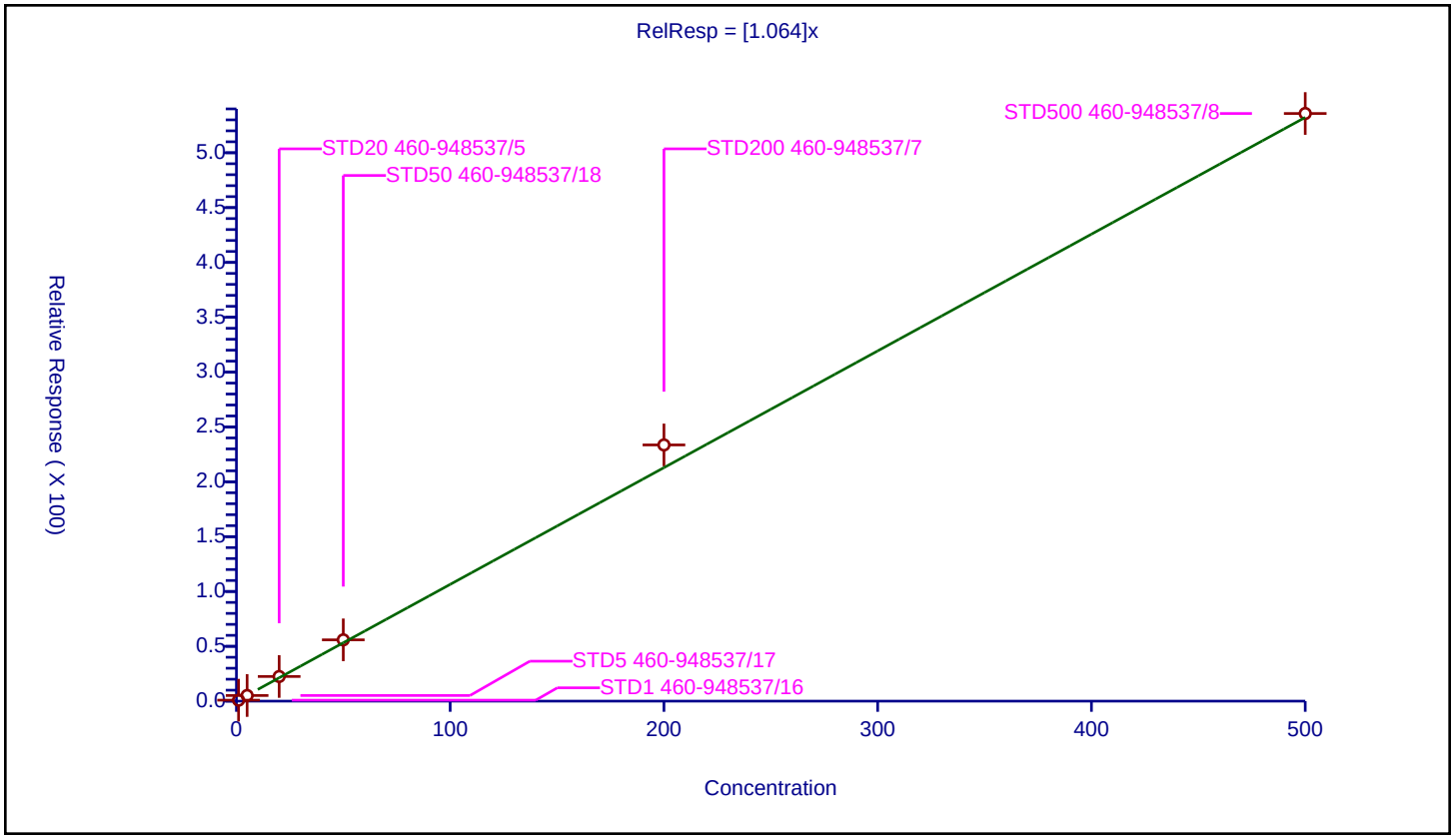
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.064 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2430000 |
| **Relative Standard Error:** | 9.7 |
| **Correlation Coefficient:** | 0.990 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.877487 | 50.0 | 327640.0 | 0.877487 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 5.142893 | 50.0 | 353935.0 | 1.028579 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 22.465006 | 50.0 | 312693.0 | 1.12325 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 55.8892 | 50.0 | 323898.0 | 1.117784 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 233.603198 | 50.0 | 330351.0 | 1.168016 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 535.795258 | 50.0 | 485440.0 | 1.071591 | Y |






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## 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 |

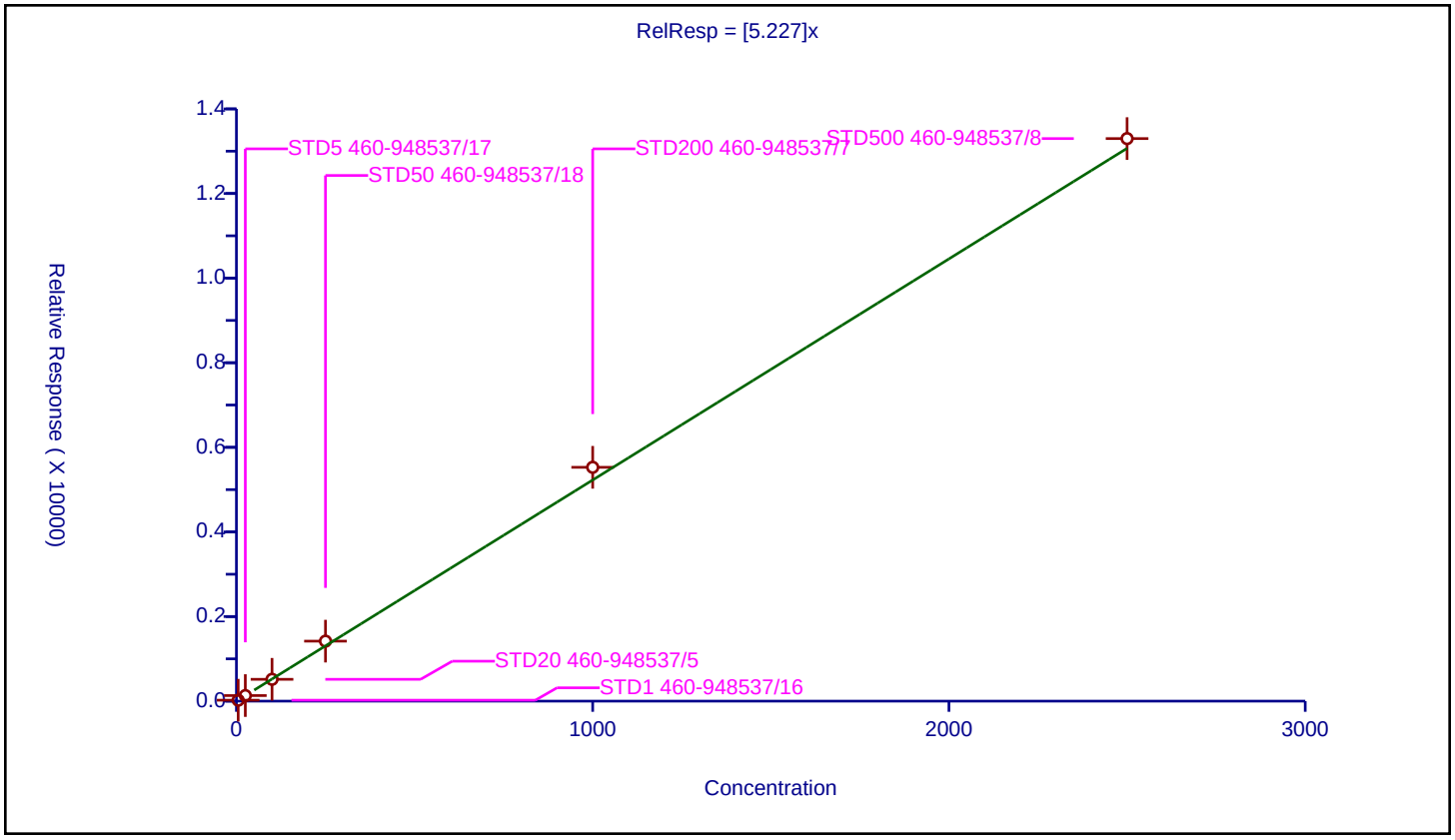
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.227 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4890000 |
| **Relative Standard Error:** | 8.4 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 5.0 | 22.060297 | 250.0 | 144683.0 | 4.412059 | Y |
| 2 | STD5 460-948537/17 | 25.0 | 131.758281 | 250.0 | 141826.0 | 5.270331 | Y |
| 3 | STD20 460-948537/5 | 100.0 | 516.104897 | 250.0 | 152702.0 | 5.161049 | Y |
| 4 | STD50 460-948537/18 | 250.0 | 1418.221877 | 250.0 | 146604.0 | 5.672888 | Y |
| 5 | STD200 460-948537/7 | 1000.0 | 5527.706259 | 250.0 | 158078.0 | 5.527706 | Y |
| 6 | STD500 460-948537/8 | 2500.0 | 13297.733115 | 250.0 | 194121.0 | 5.319093 | Y |






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## Calibration / Toluene-d8 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

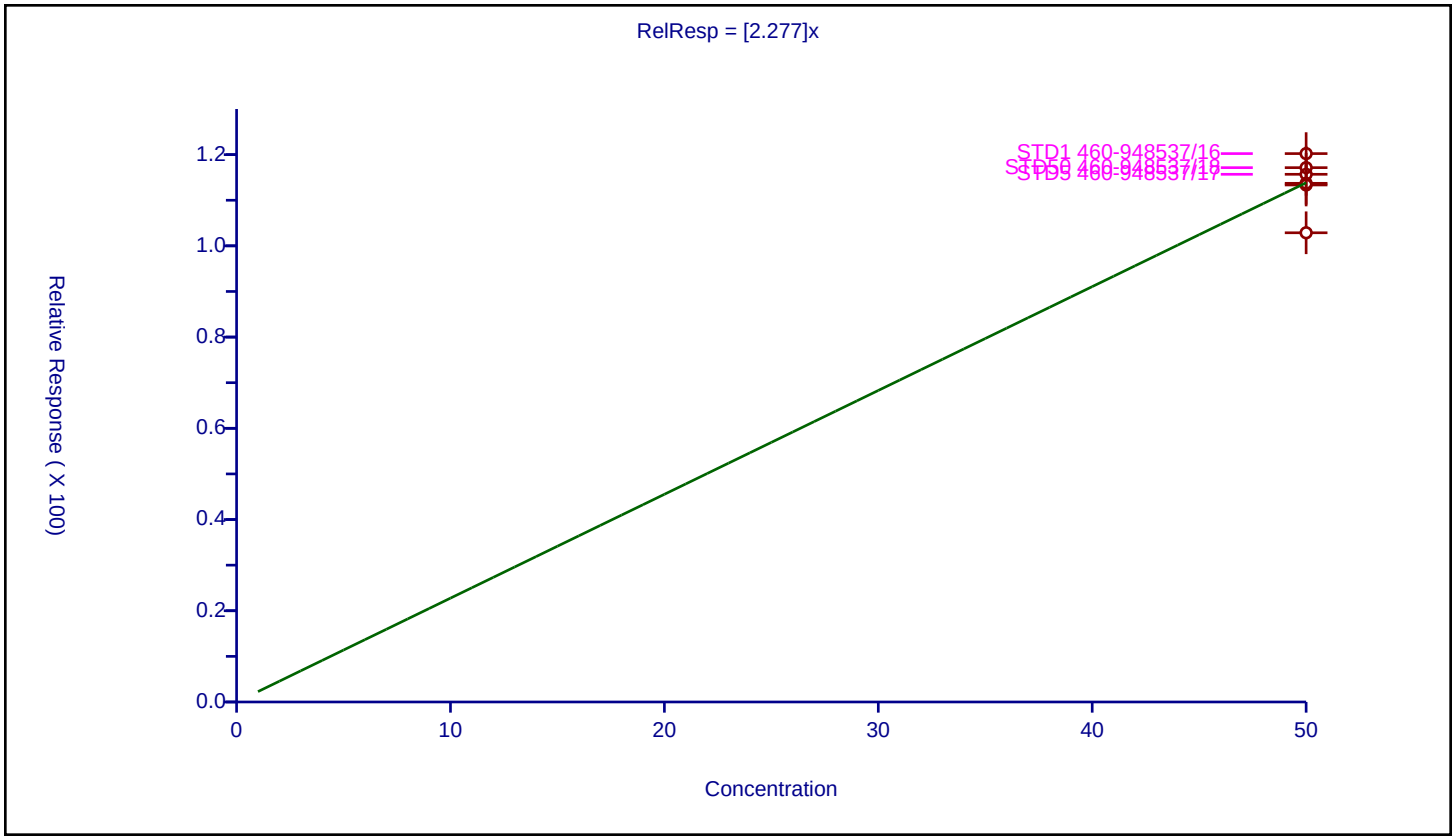
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.277 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 901000 |
| **Relative Standard Error:** | 5.2 |
| **Correlation Coefficient:** | 0.00000000000000000000 |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD20 460-948537/5 | 50.0 | 102.868948 | 50.0 | 312693.0 | 2.057379 | Y |
| 2 | STD200 460-948537/7 | 50.0 | 113.343686 | 50.0 | 330351.0 | 2.266874 | Y |
| 3 | STD500 460-948537/8 | 50.0 | 113.709933 | 50.0 | 485440.0 | 2.274199 | Y |
| 4 | STD1 460-948537/16 | 50.0 | 120.224179 | 50.0 | 327640.0 | 2.404484 | Y |
| 5 | STD5 460-948537/17 | 50.0 | 115.688191 | 50.0 | 353935.0 | 2.313764 | Y |
| 6 | STD50 460-948537/18 | 50.0 | 117.146293 | 50.0 | 323898.0 | 2.342926 | Y |



## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

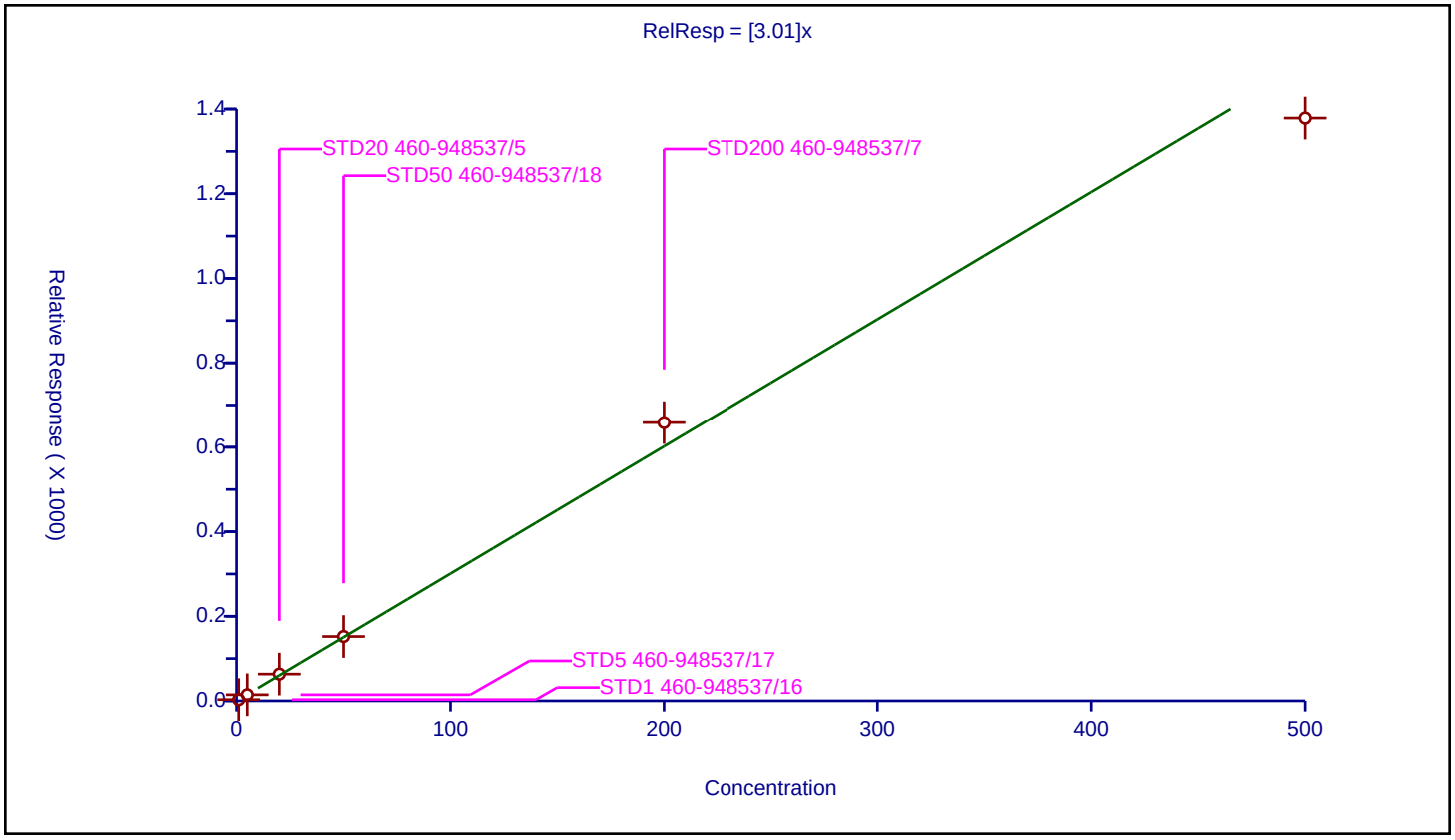
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.01 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 6310000 |
| **Relative Standard Error:** | 6.5 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 2.915242 | 50.0 | 327640.0 | 2.915242 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 14.43443 | 50.0 | 353935.0 | 2.886886 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 63.299146 | 50.0 | 312693.0 | 3.164957 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 152.130763 | 50.0 | 323898.0 | 3.042615 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 658.394556 | 50.0 | 330351.0 | 3.291973 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1378.64937 | 50.0 | 485440.0 | 2.757299 | Y |






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## Calibration / trans-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

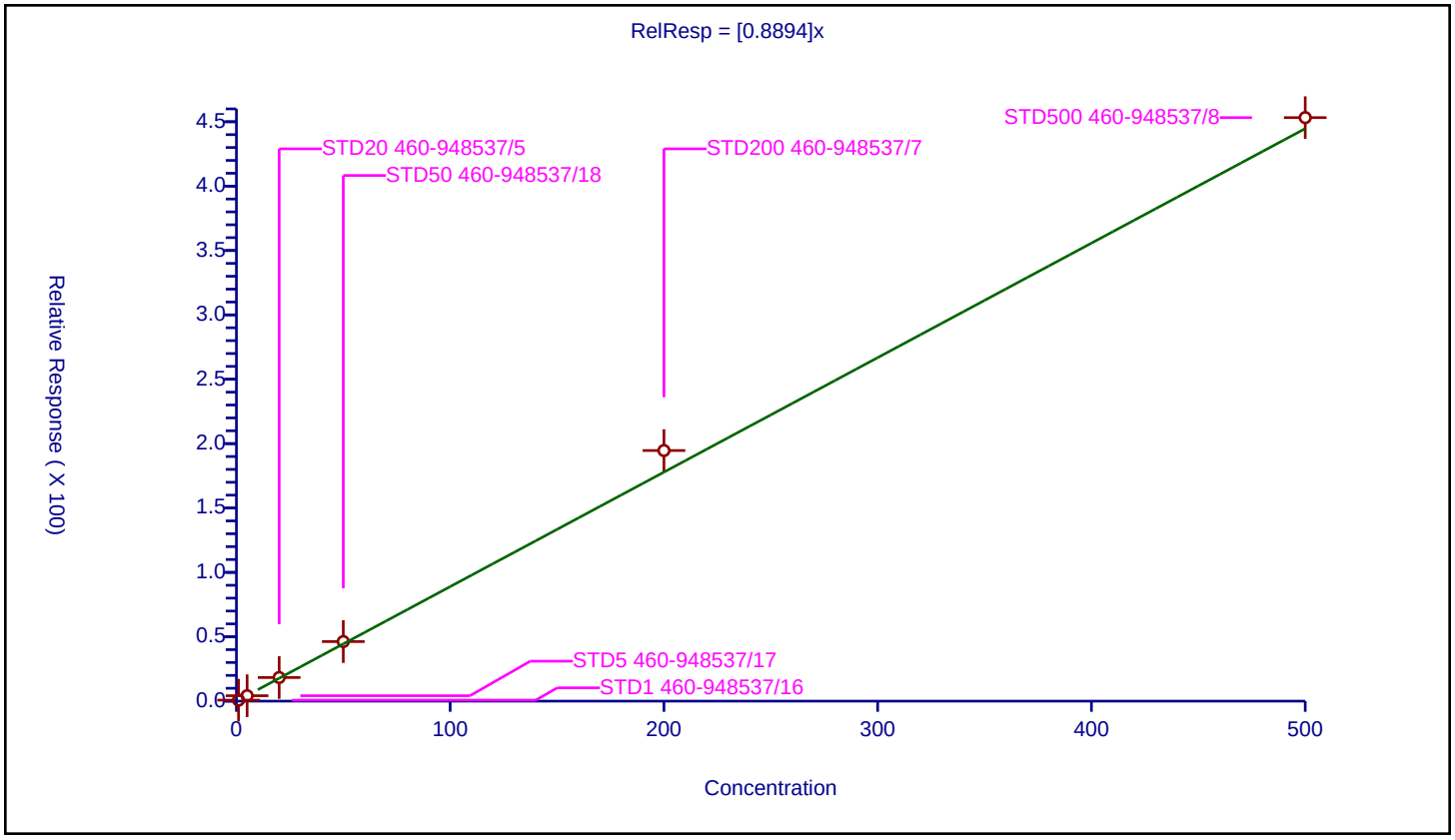
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8894 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2060000 |
| **Relative Standard Error:** | 8.1 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.770358 | 50.0 | 327640.0 | 0.770358 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 4.2173 | 50.0 | 353935.0 | 0.84346 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 18.348028 | 50.0 | 312693.0 | 0.917401 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 46.262867 | 50.0 | 323898.0 | 0.925257 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 194.64736 | 50.0 | 330351.0 | 0.973237 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 453.224806 | 50.0 | 485440.0 | 0.90645 | Y |



## Calibration / Ethyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

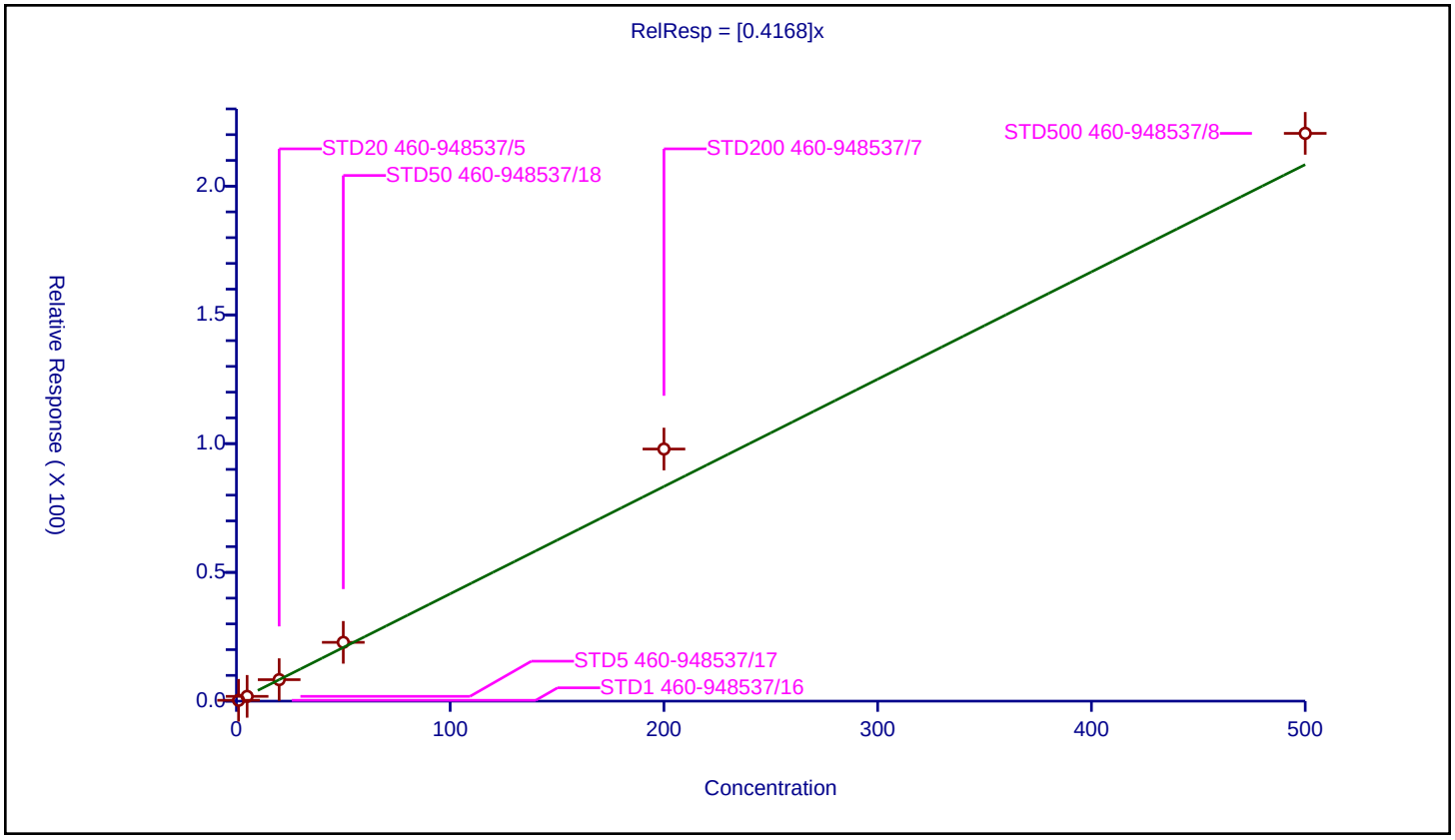
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4168 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1540000 |
| **Relative Standard Error:** | 14.4 |
| **Correlation Coefficient:** | 0.990 |
| **Coefficient of Determination (Adjusted):** | 0.980 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.324147 | 50.0 | 512884.0 | 0.324147 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.860339 | 50.0 | 555060.0 | 0.372068 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 8.343361 | 50.0 | 493632.0 | 0.417168 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 22.832026 | 50.0 | 502958.0 | 0.456641 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 97.90111 | 50.0 | 505291.0 | 0.489506 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 220.496237 | 50.0 | 747325.0 | 0.440992 | Y |






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## Calibration / 1,1,2-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

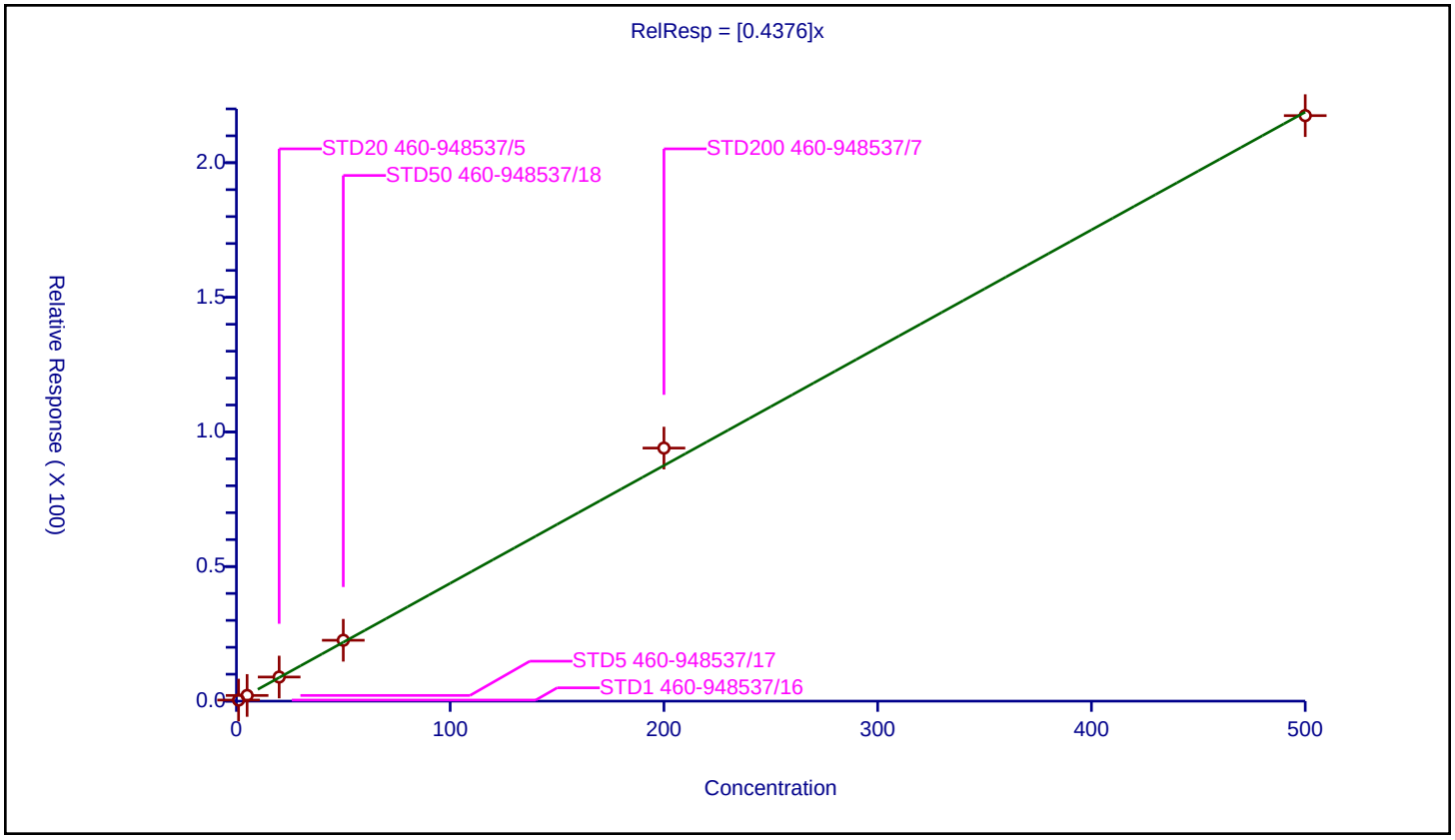
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4376 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 987000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.398761 | 50.0 | 327640.0 | 0.398761 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.108579 | 50.0 | 353935.0 | 0.421716 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 8.961026 | 50.0 | 312693.0 | 0.448051 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 22.612674 | 50.0 | 323898.0 | 0.452253 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 94.00471 | 50.0 | 330351.0 | 0.470024 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 217.496807 | 50.0 | 485440.0 | 0.434994 | Y |






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## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

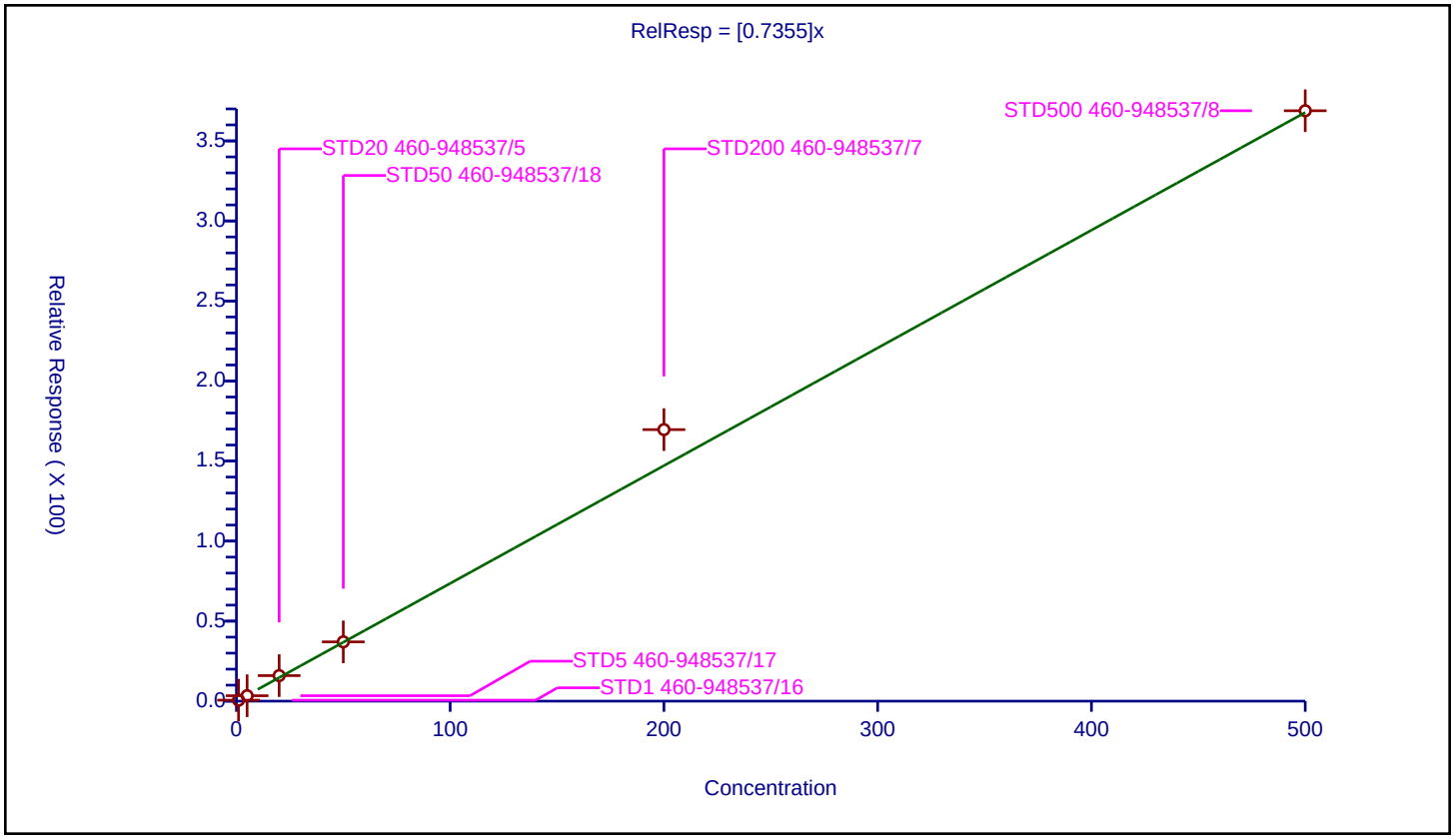
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7355 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1680000 |
| **Relative Standard Error:** | 11.4 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.611494 | 50.0 | 327640.0 | 0.611494 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 3.389464 | 50.0 | 353935.0 | 0.677893 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 15.94839 | 50.0 | 312693.0 | 0.79742 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 37.031565 | 50.0 | 323898.0 | 0.740631 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 169.631241 | 50.0 | 330351.0 | 0.848156 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 368.829824 | 50.0 | 485440.0 | 0.73766 | Y |



## Calibration / 1,3-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

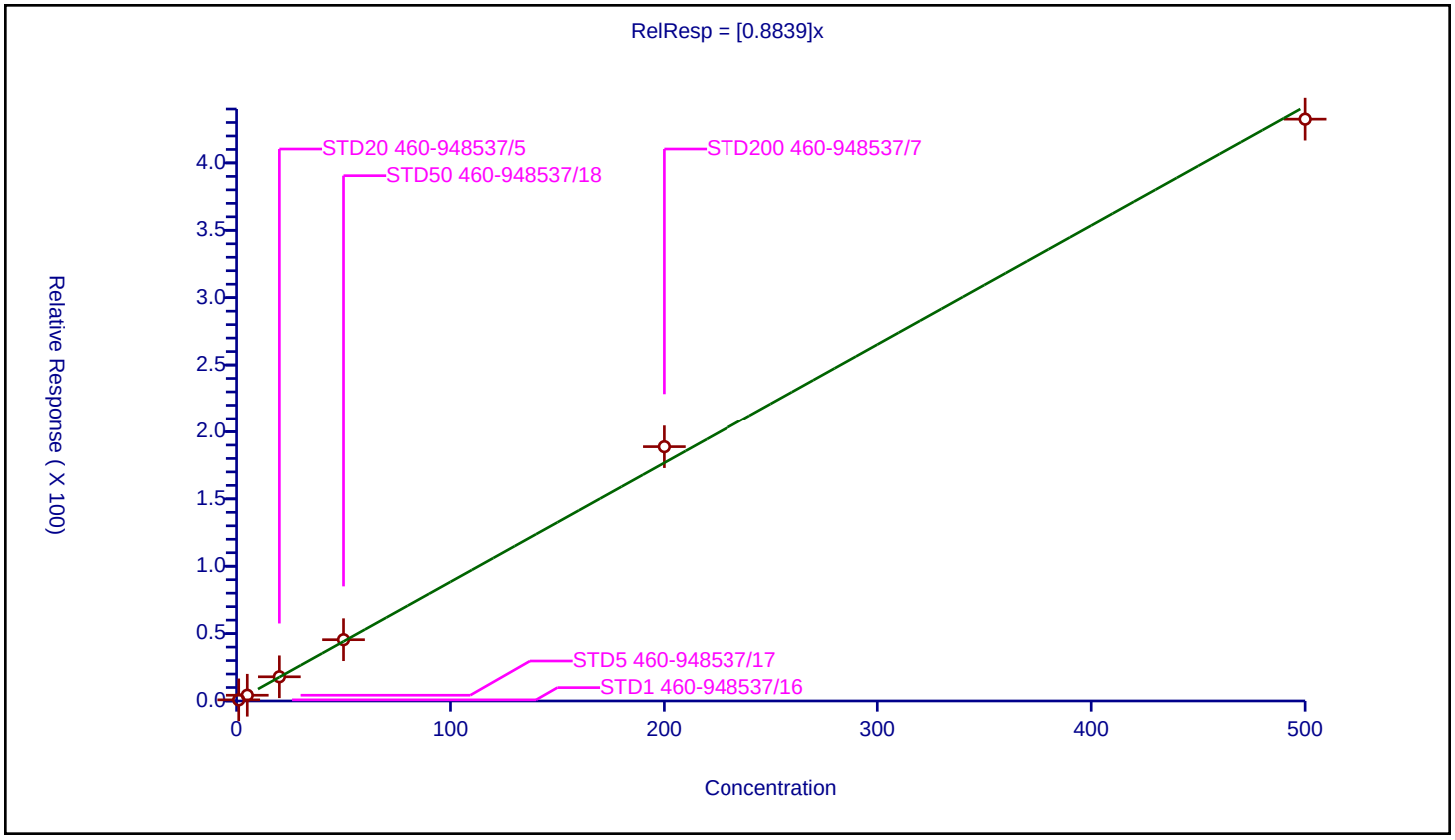
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8839 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1960000 |
| **Relative Standard Error:** | 4.6 |
| **Correlation Coefficient:** | 0.990 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.833689 | 50.0 | 327640.0 | 0.833689 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 4.265896 | 50.0 | 353935.0 | 0.853179 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 17.963786 | 50.0 | 312693.0 | 0.898189 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 45.489012 | 50.0 | 323898.0 | 0.90978 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 188.762559 | 50.0 | 330351.0 | 0.943813 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 432.488361 | 50.0 | 485440.0 | 0.864977 | Y |



## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

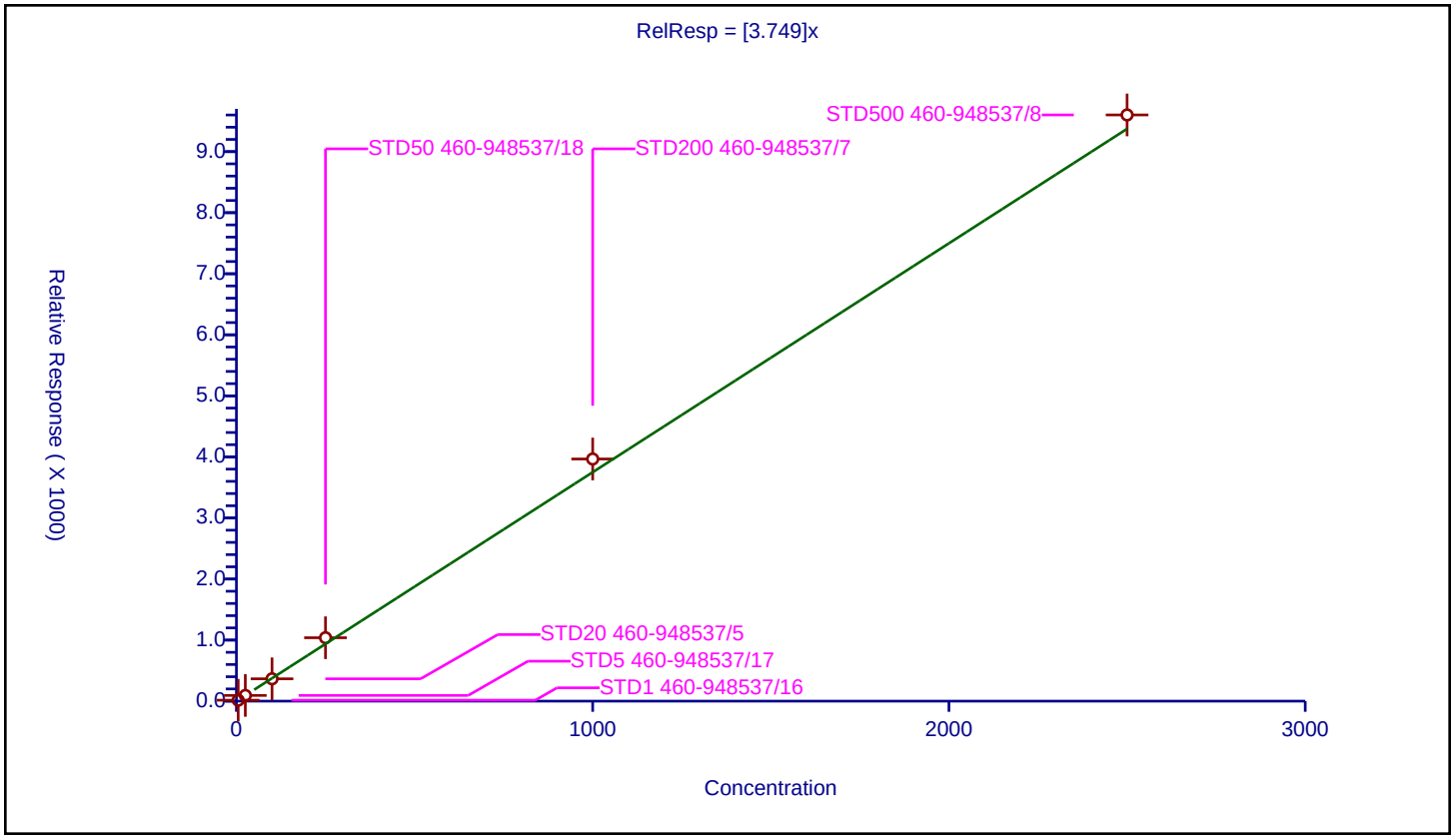
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.749 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3530000 |
| **Relative Standard Error:** | 9.3 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 5.0 | 15.642819 | 250.0 | 144683.0 | 3.128564 | Y |
| 2 | STD5 460-948537/17 | 25.0 | 93.715186 | 250.0 | 141826.0 | 3.748607 | Y |
| 3 | STD20 460-948537/5 | 100.0 | 365.908763 | 250.0 | 152702.0 | 3.659088 | Y |
| 4 | STD50 460-948537/18 | 250.0 | 1038.225424 | 250.0 | 146604.0 | 4.152902 | Y |
| 5 | STD200 460-948537/7 | 1000.0 | 3965.74634 | 250.0 | 158078.0 | 3.965746 | Y |
| 6 | STD500 460-948537/8 | 2500.0 | 9601.077421 | 250.0 | 194121.0 | 3.840431 | Y |






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## Calibration / n-Butyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

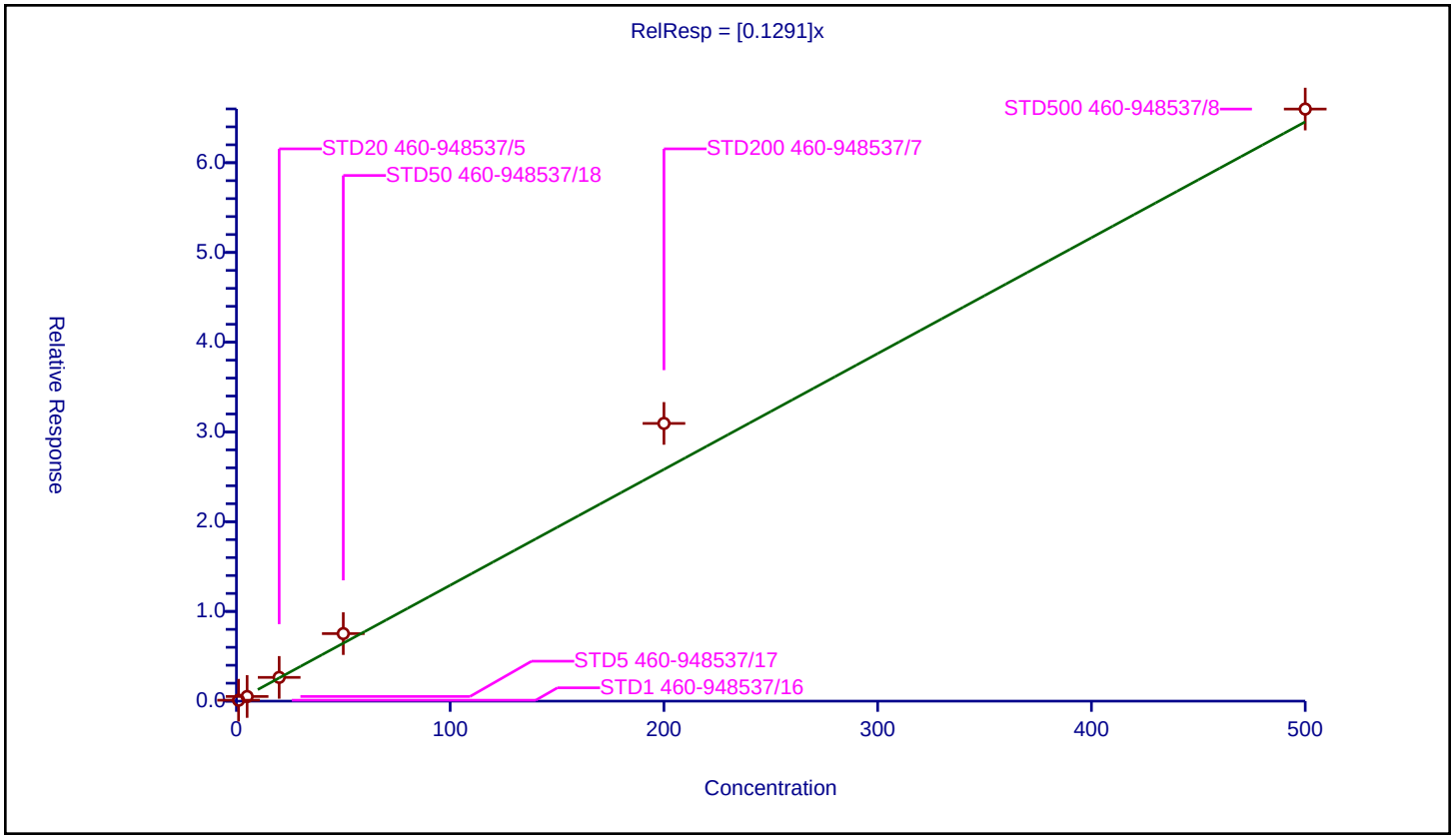
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1291 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 302000 |
| **Relative Standard Error:** | 17.5 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.970 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.101636 | 50.0 | 327640.0 | 0.101636 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 0.517044 | 50.0 | 353935.0 | 0.103409 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 2.647485 | 50.0 | 312693.0 | 0.132374 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 7.526907 | 50.0 | 323898.0 | 0.150538 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 30.950262 | 50.0 | 330351.0 | 0.154751 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 65.983541 | 50.0 | 485440.0 | 0.131967 | Y |






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## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

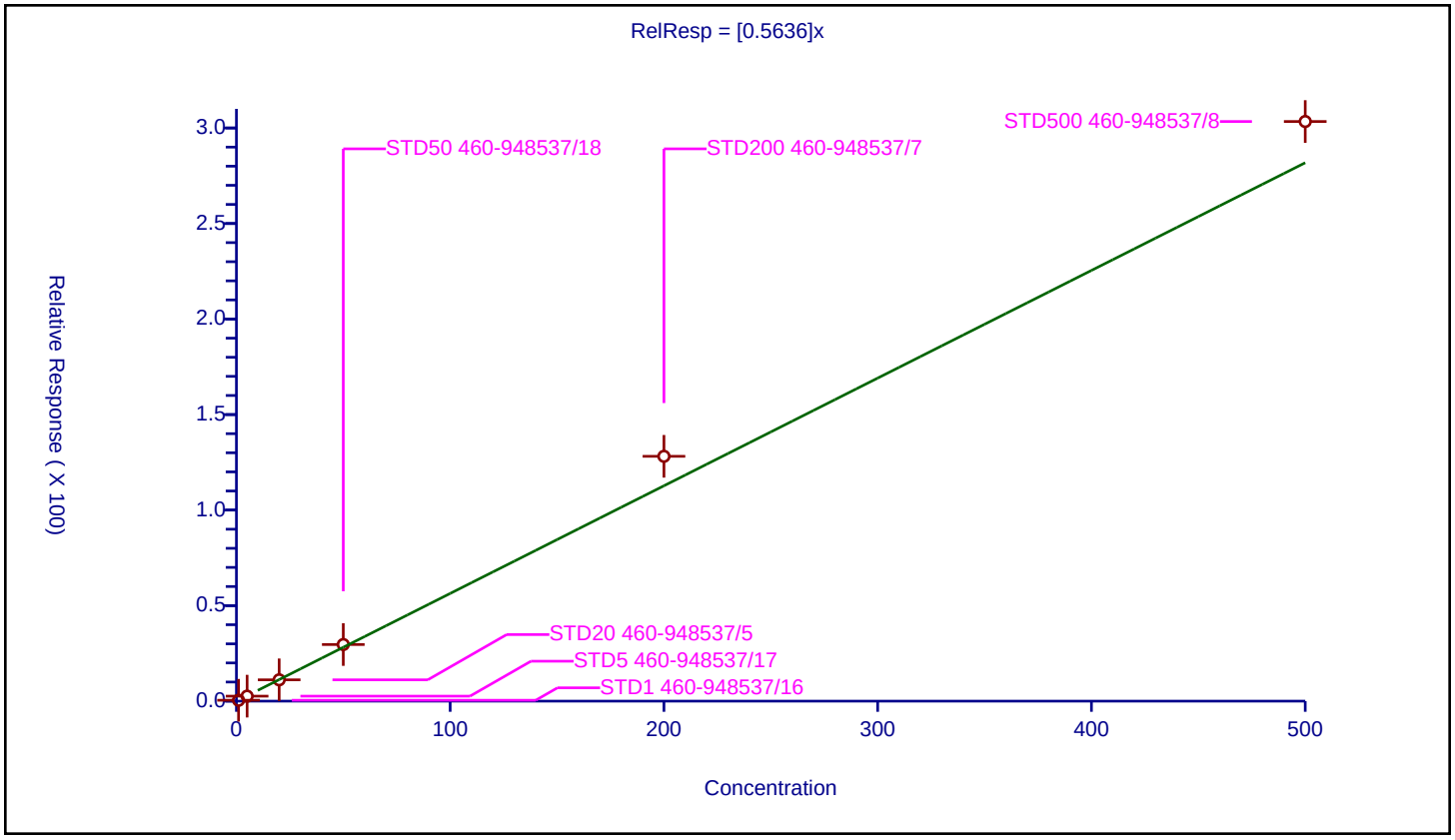
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5636 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1370000 |
| **Relative Standard Error:** | 11.5 |
| **Correlation Coefficient:** | 0.988 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.459956 | 50.0 | 327640.0 | 0.459956 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.616158 | 50.0 | 353935.0 | 0.523232 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 11.164305 | 50.0 | 312693.0 | 0.558215 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 29.638343 | 50.0 | 323898.0 | 0.592767 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 128.149302 | 50.0 | 330351.0 | 0.640747 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 303.388369 | 50.0 | 485440.0 | 0.606777 | Y |






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## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

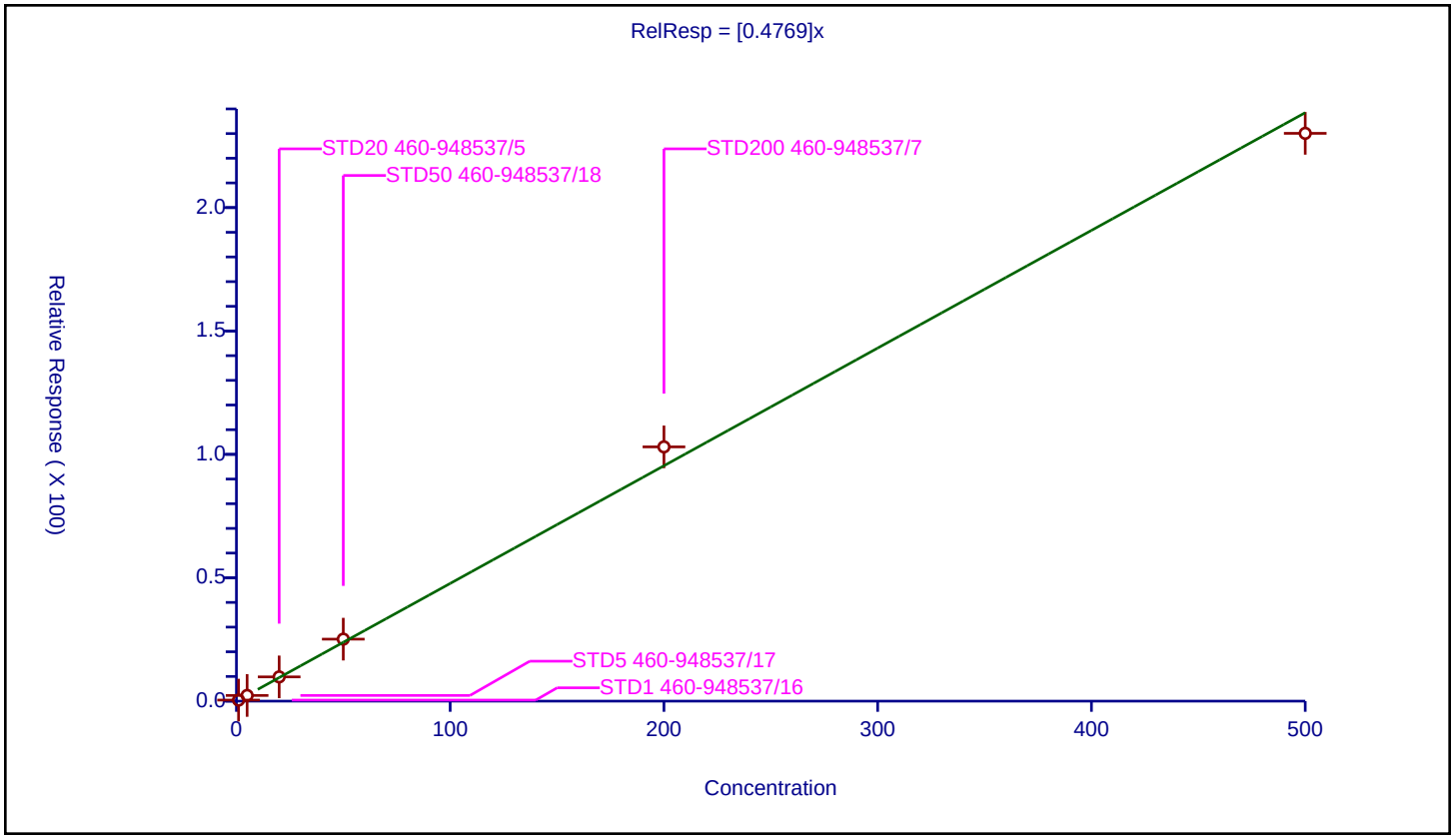
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4769 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1050000 |
| **Relative Standard Error:** | 6.6 |
| **Correlation Coefficient:** | 0.991 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.431266 | 50.0 | 327640.0 | 0.431266 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.305932 | 50.0 | 353935.0 | 0.461186 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 9.823213 | 50.0 | 312693.0 | 0.491161 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 25.124731 | 50.0 | 323898.0 | 0.502495 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 103.0401 | 50.0 | 330351.0 | 0.5152 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 230.093214 | 50.0 | 485440.0 | 0.460186 | Y |



## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

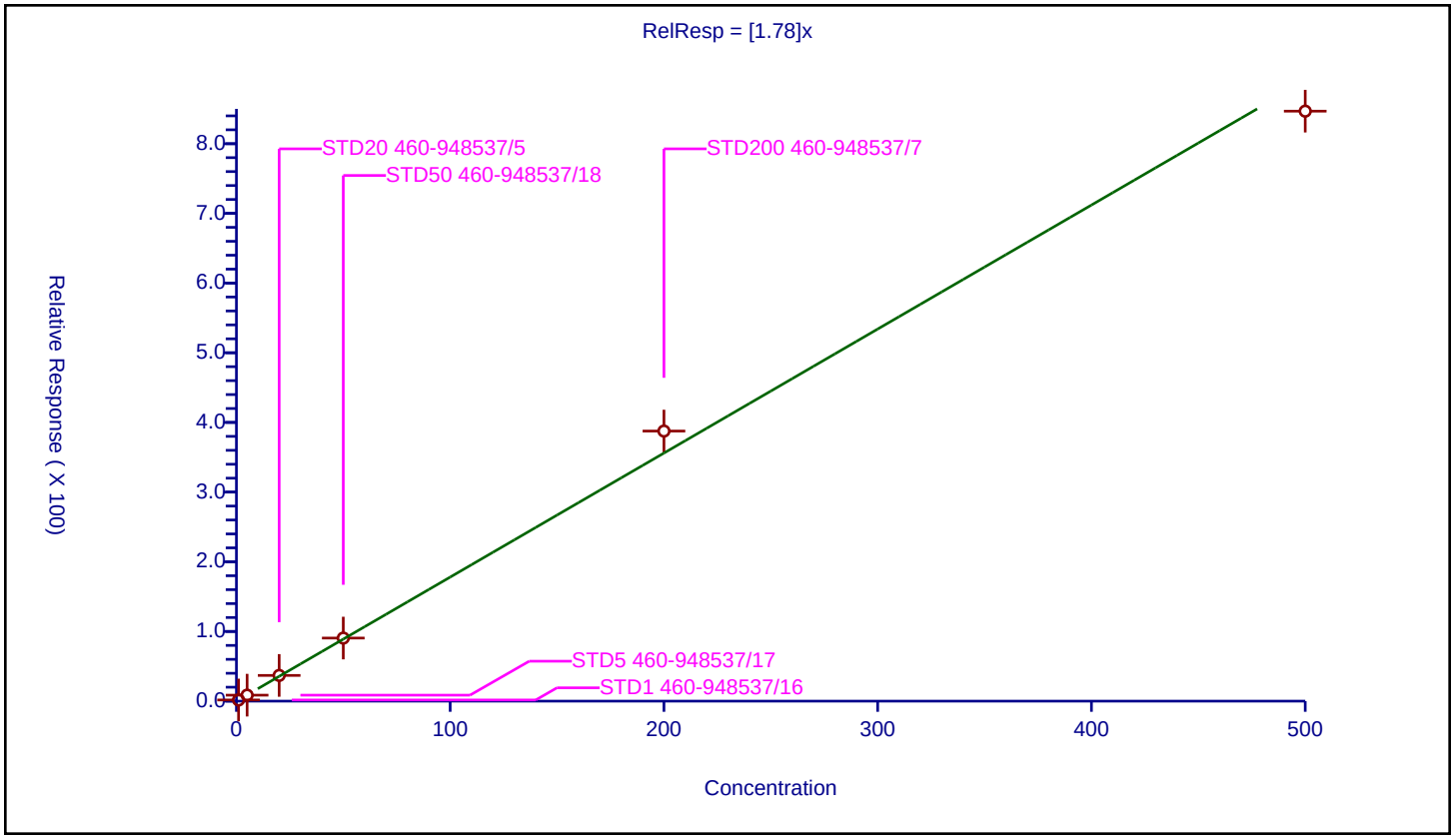
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.78 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3860000 |
| **Relative Standard Error:** | 5.8 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.673941 | 50.0 | 327640.0 | 1.673941 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 8.595787 | 50.0 | 353935.0 | 1.719157 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 36.907926 | 50.0 | 312693.0 | 1.845396 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 90.517539 | 50.0 | 323898.0 | 1.810351 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 387.606818 | 50.0 | 330351.0 | 1.938034 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 846.744706 | 50.0 | 485440.0 | 1.693489 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

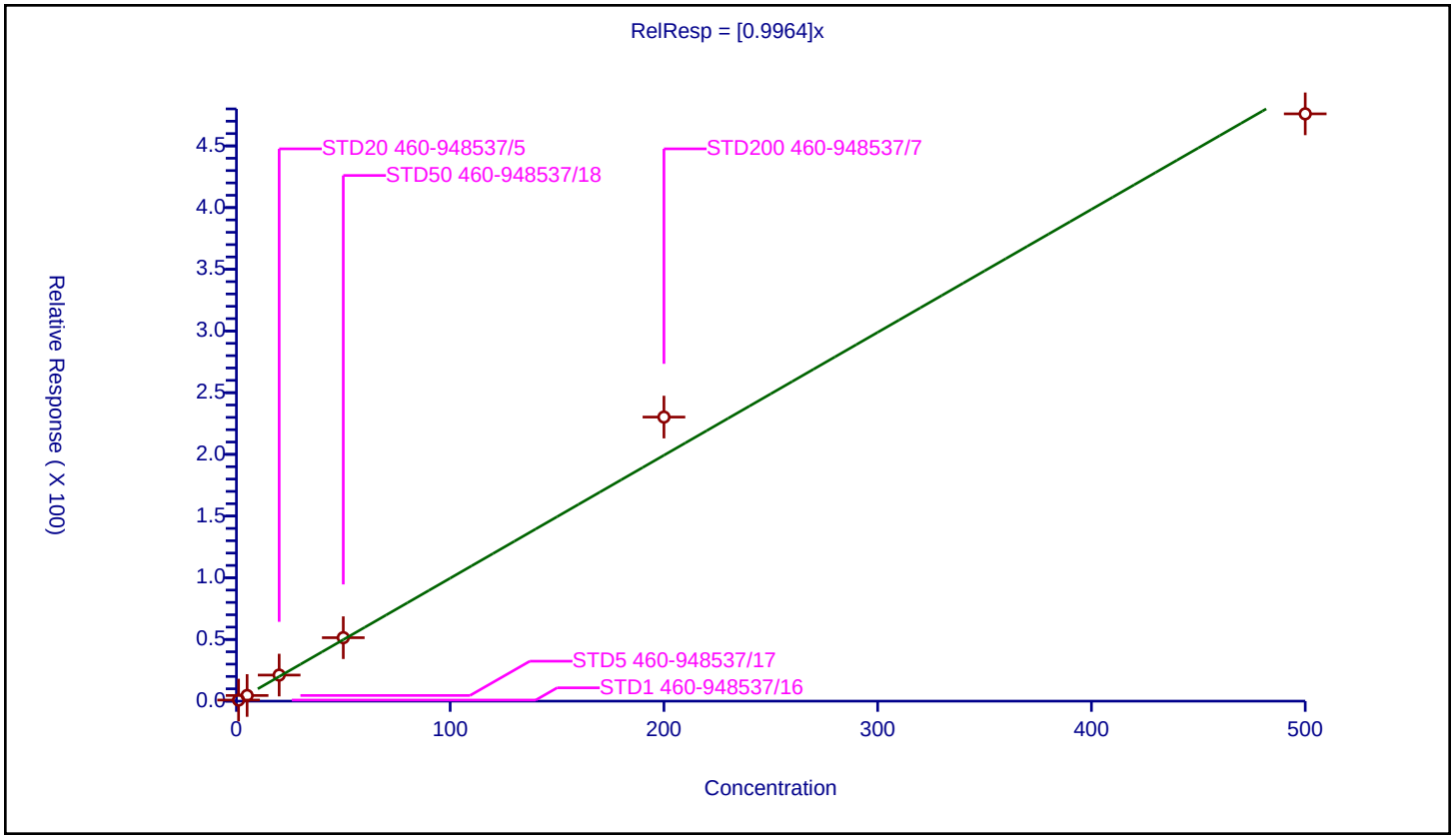
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9964 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2180000 |
| **Relative Standard Error:** | 10.2 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.873367 | 50.0 | 327640.0 | 0.873367 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 4.583186 | 50.0 | 353935.0 | 0.916637 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 21.131589 | 50.0 | 312693.0 | 1.056579 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 51.422824 | 50.0 | 323898.0 | 1.028456 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 230.228757 | 50.0 | 330351.0 | 1.151144 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 475.992811 | 50.0 | 485440.0 | 0.951986 | Y |






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## 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 |

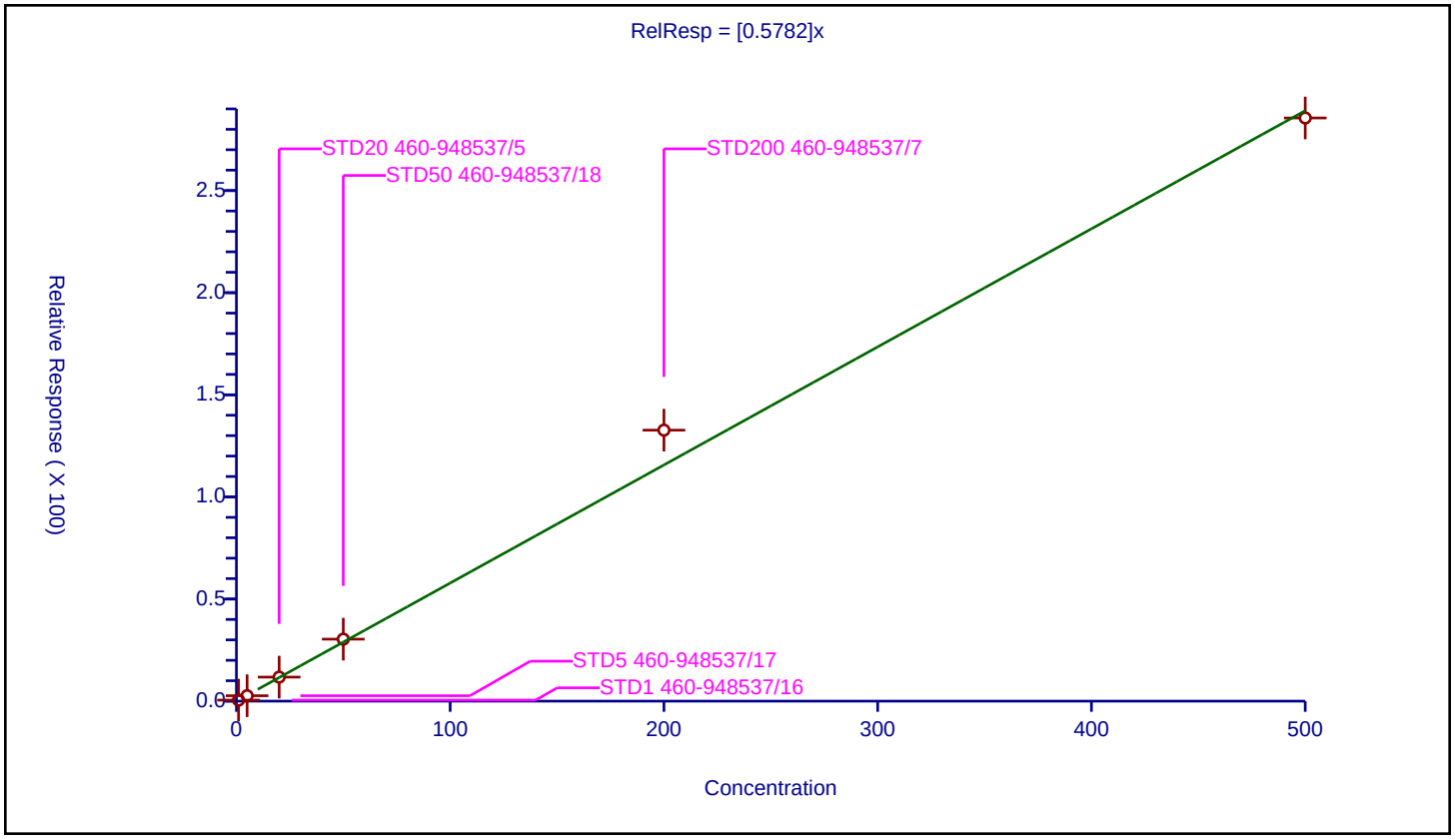
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5782 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1300000 |
| **Relative Standard Error:** | 9.6 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.507417 | 50.0 | 327640.0 | 0.507417 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 2.659387 | 50.0 | 353935.0 | 0.531877 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 11.765694 | 50.0 | 312693.0 | 0.588285 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 30.357242 | 50.0 | 323898.0 | 0.607145 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 132.697797 | 50.0 | 330351.0 | 0.663489 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 285.555475 | 50.0 | 485440.0 | 0.571111 | Y |






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## Calibration / m-Xylene & p-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

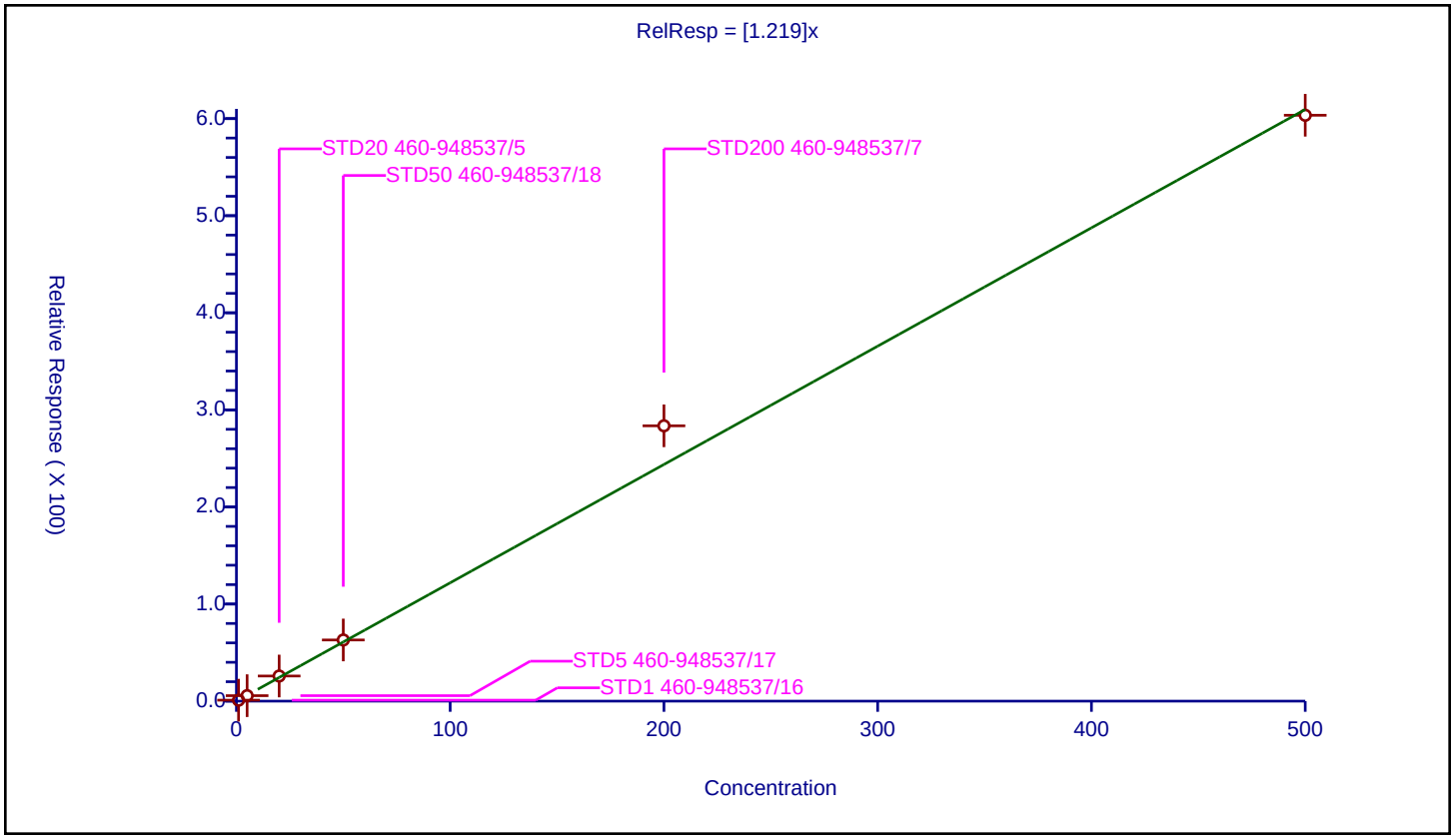
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.219 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2760000 |
| **Relative Standard Error:** | 11.6 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.007203 | 50.0 | 327640.0 | 1.007203 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 5.634509 | 50.0 | 353935.0 | 1.126902 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 25.881136 | 50.0 | 312693.0 | 1.294057 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 62.988811 | 50.0 | 323898.0 | 1.259776 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 283.582311 | 50.0 | 330351.0 | 1.417912 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 603.447491 | 50.0 | 485440.0 | 1.206895 | Y |



## Calibration / n-Butyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

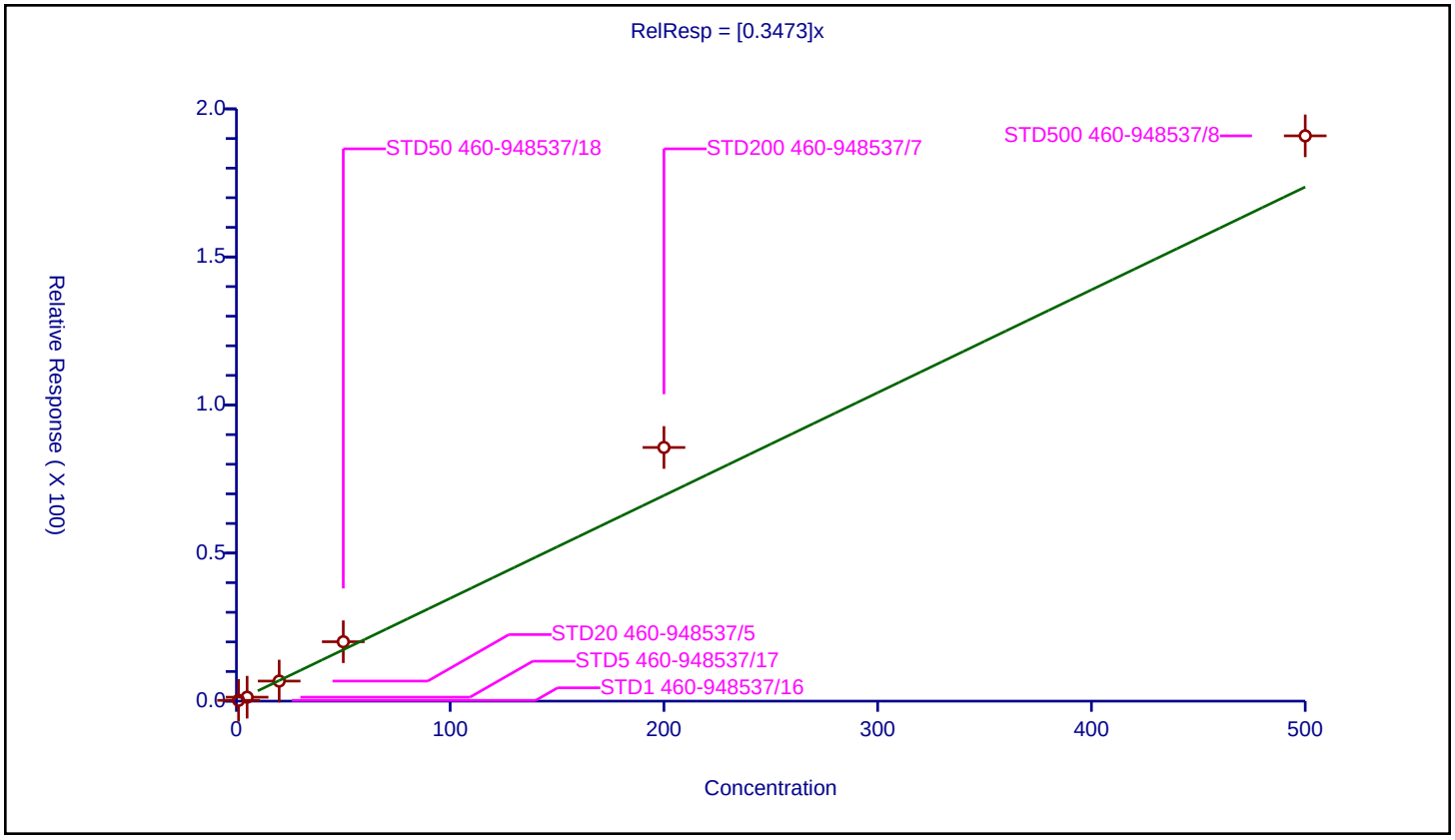
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3473 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 869000 |
| **Relative Standard Error:** | 19.8 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.962 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.265841 | 50.0 | 327640.0 | 0.265841 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.337534 | 50.0 | 353935.0 | 0.267507 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 6.777734 | 50.0 | 312693.0 | 0.338887 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 20.059093 | 50.0 | 323898.0 | 0.401182 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 85.661463 | 50.0 | 330351.0 | 0.428307 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 190.900523 | 50.0 | 485440.0 | 0.381801 | Y |






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## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

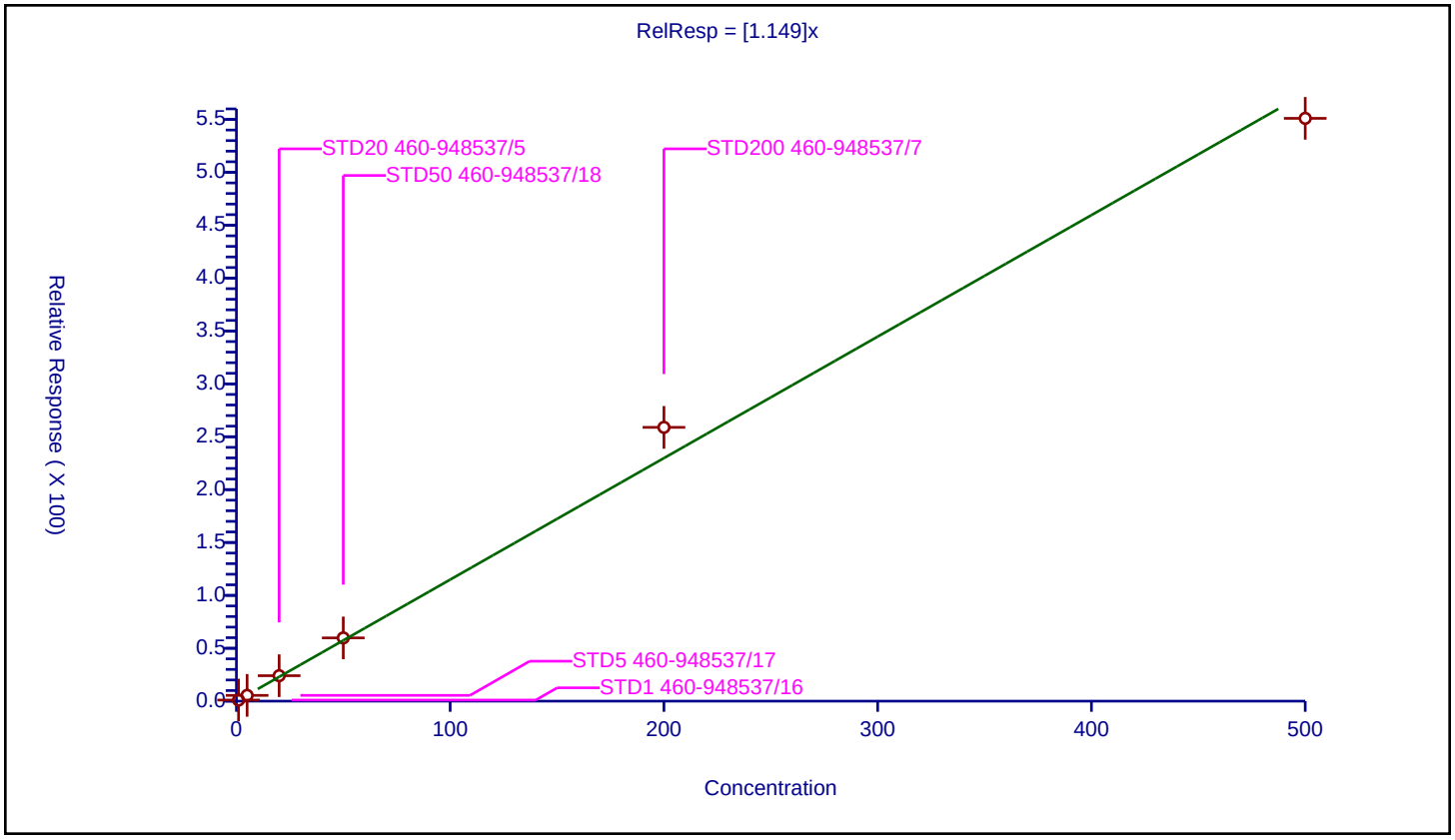
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.149 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2520000 |
| **Relative Standard Error:** | 8.8 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.009797 | 50.0 | 327640.0 | 1.009797 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 5.444644 | 50.0 | 353935.0 | 1.088929 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 24.050906 | 50.0 | 312693.0 | 1.202545 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 59.793978 | 50.0 | 323898.0 | 1.19588 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 258.869354 | 50.0 | 330351.0 | 1.294347 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 551.059348 | 50.0 | 485440.0 | 1.102119 | Y |






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## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

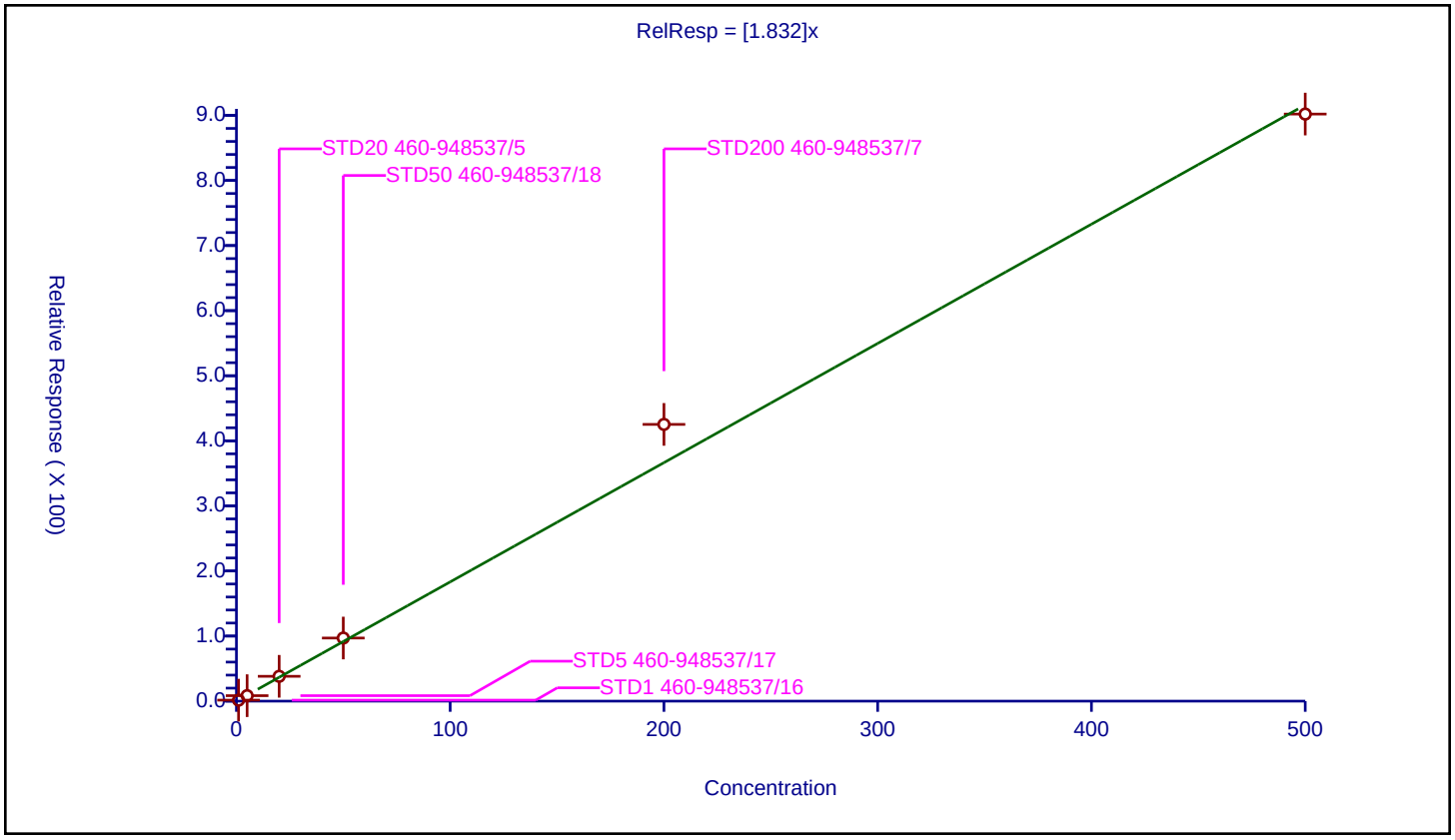
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.832 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4120000 |
| **Relative Standard Error:** | 11.4 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.534153 | 50.0 | 327640.0 | 1.534153 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 8.401684 | 50.0 | 353935.0 | 1.680337 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 38.181219 | 50.0 | 312693.0 | 1.909061 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 96.949194 | 50.0 | 323898.0 | 1.938984 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 425.230134 | 50.0 | 330351.0 | 2.126151 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 902.055558 | 50.0 | 485440.0 | 1.804111 | Y |






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## Calibration / Amyl acetate (mixed isomers)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

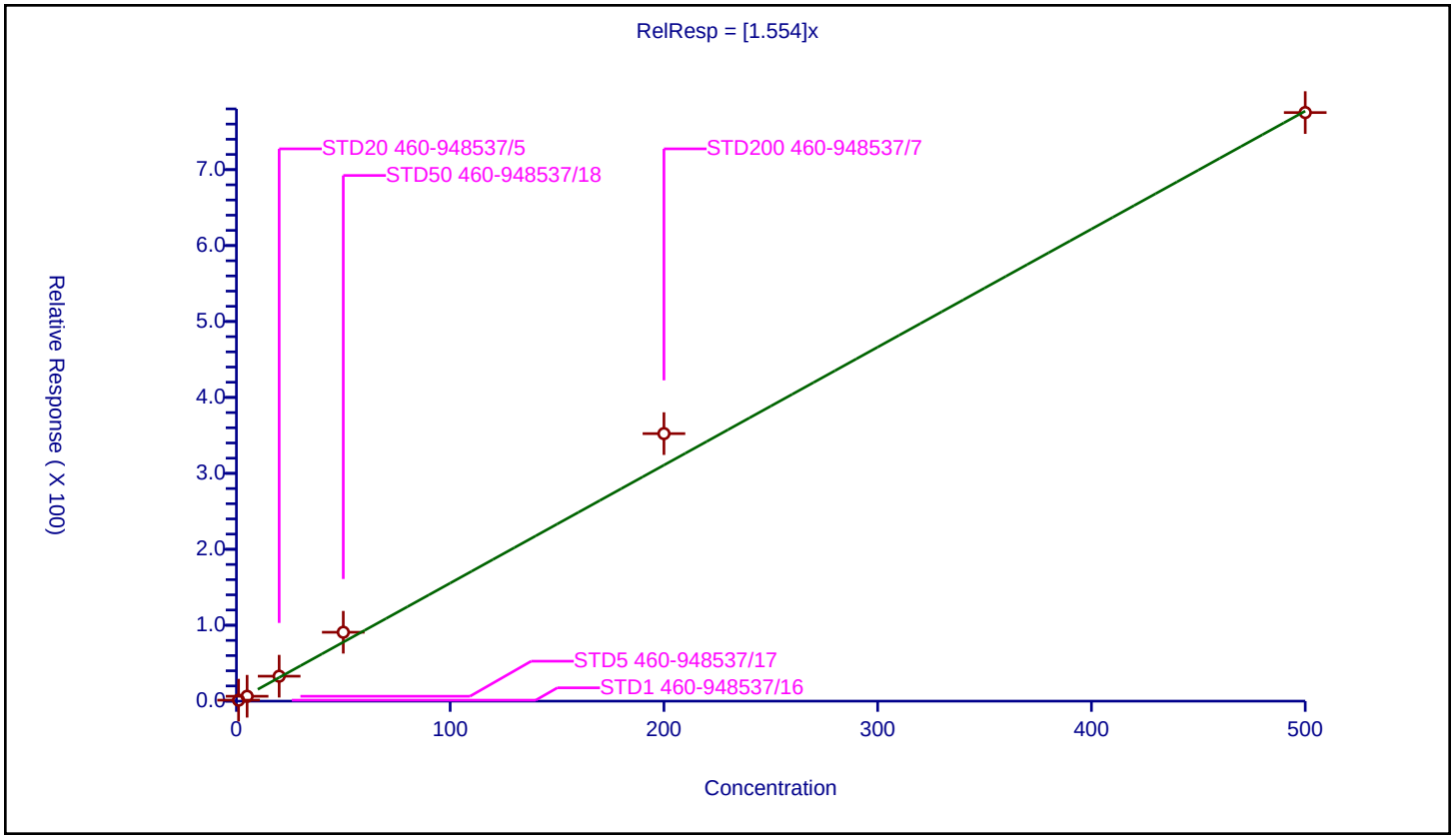
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.554 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1920000 |
| **Relative Standard Error:** | 15.0 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.269353 | 50.0 | 166896.0 | 1.269353 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 6.434798 | 50.0 | 181583.0 | 1.28696 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 32.851227 | 50.0 | 159128.0 | 1.642561 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 90.722903 | 50.0 | 173481.0 | 1.814458 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 352.348847 | 50.0 | 185474.0 | 1.761744 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 775.169957 | 50.0 | 263449.0 | 1.55034 | Y |






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## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

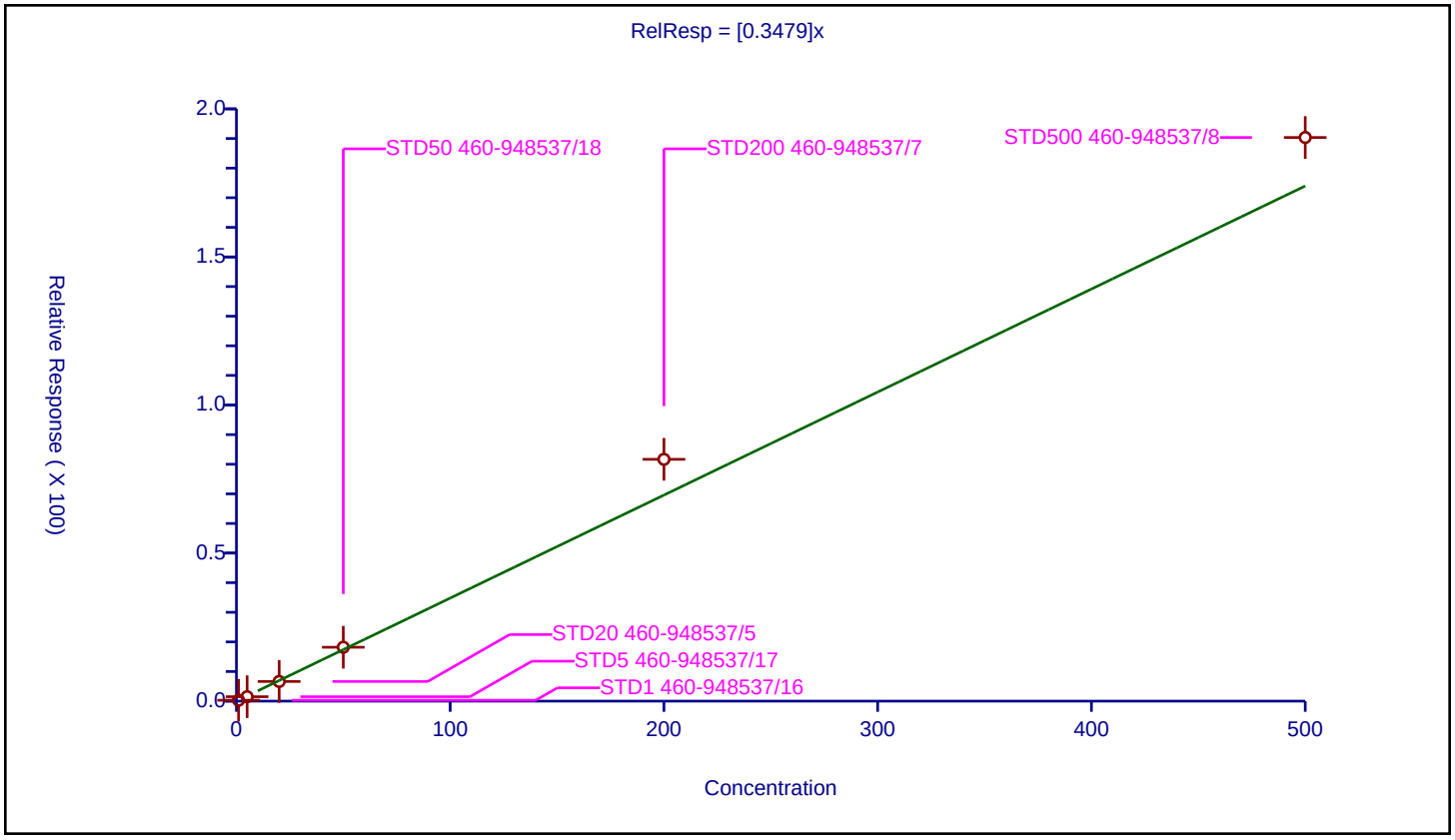
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3479 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 863000 |
| **Relative Standard Error:** | 12.6 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.303077 | 50.0 | 327640.0 | 0.303077 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.496461 | 50.0 | 353935.0 | 0.299292 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 6.643577 | 50.0 | 312693.0 | 0.332179 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 18.201872 | 50.0 | 323898.0 | 0.364037 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 81.663443 | 50.0 | 330351.0 | 0.408317 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 190.340722 | 50.0 | 485440.0 | 0.380681 | Y |






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## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

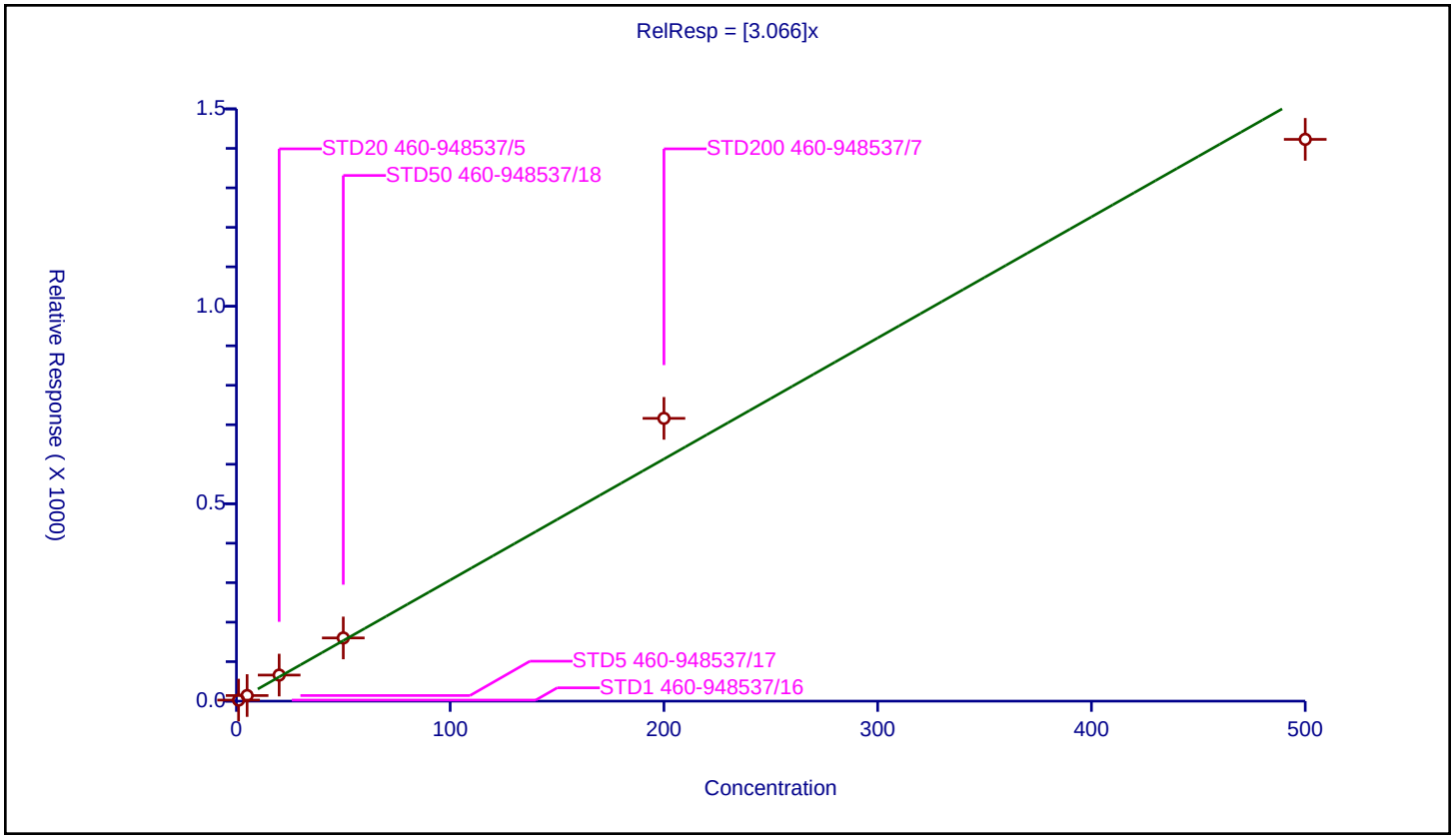
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.066 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 6550000 |
| **Relative Standard Error:** | 11.5 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 2.632005 | 50.0 | 327640.0 | 2.632005 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 14.195968 | 50.0 | 353935.0 | 2.839194 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 65.979091 | 50.0 | 312693.0 | 3.298955 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 160.016579 | 50.0 | 323898.0 | 3.200332 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 716.232129 | 50.0 | 330351.0 | 3.581161 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1422.836705 | 50.0 | 485440.0 | 2.845673 | Y |



## Calibration / 4-Bromofluorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

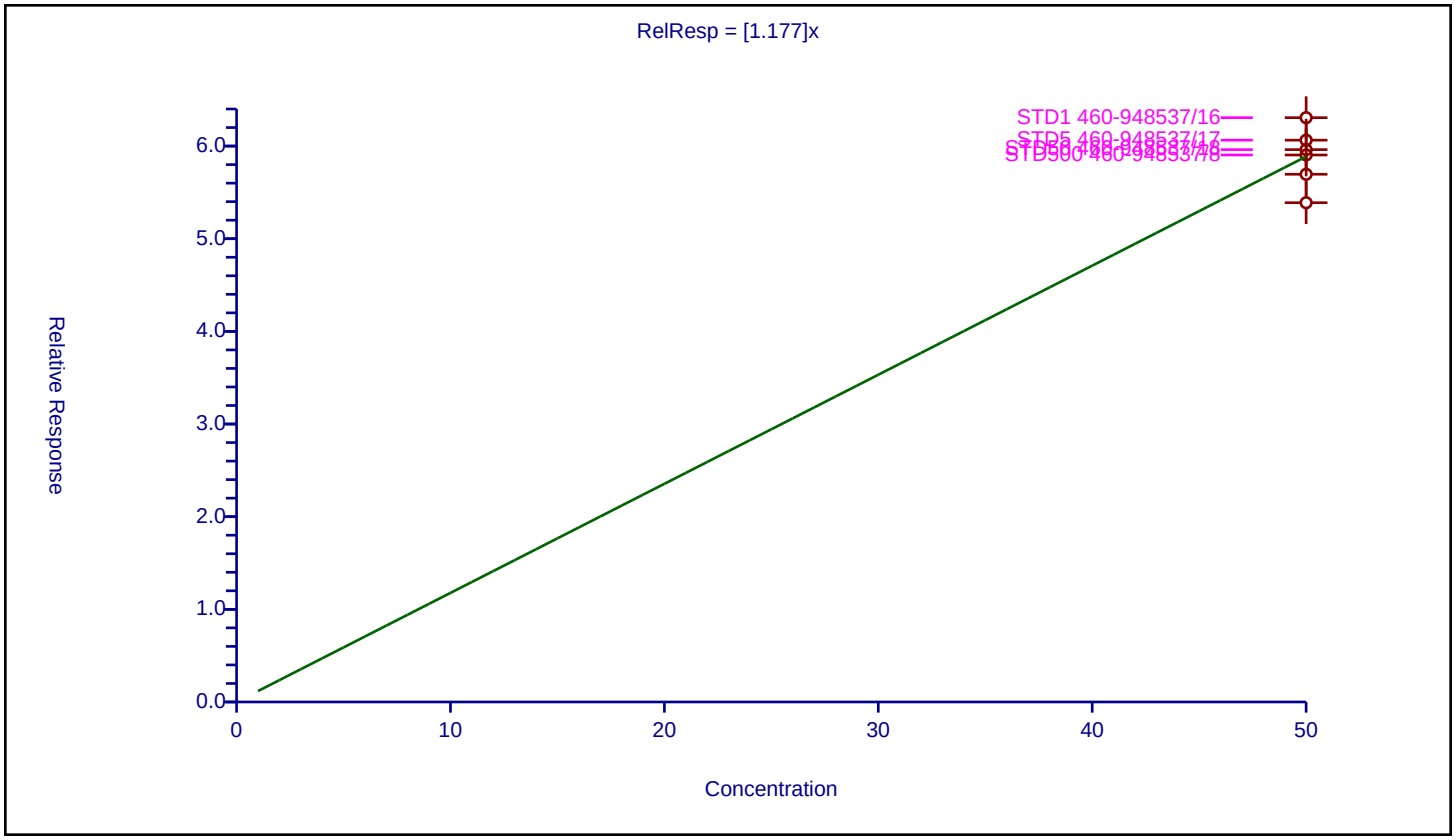
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.177 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 247000 |
| **Relative Standard Error:** | 5.4 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD20 460-948537/5 | 50.0 | 53.890264 | 50.0 | 159128.0 | 1.077805 | Y |
| 2 | STD200 460-948537/7 | 50.0 | 56.955961 | 50.0 | 185474.0 | 1.139119 | Y |
| 3 | STD500 460-948537/8 | 50.0 | 59.038751 | 50.0 | 263449.0 | 1.180775 | Y |
| 4 | STD1 460-948537/16 | 50.0 | 63.065622 | 50.0 | 166896.0 | 1.261312 | Y |
| 5 | STD5 460-948537/17 | 50.0 | 60.63756 | 50.0 | 181583.0 | 1.212751 | Y |
| 6 | STD50 460-948537/18 | 50.0 | 59.615174 | 50.0 | 173481.0 | 1.192303 | Y |



## Calibration / Bromobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

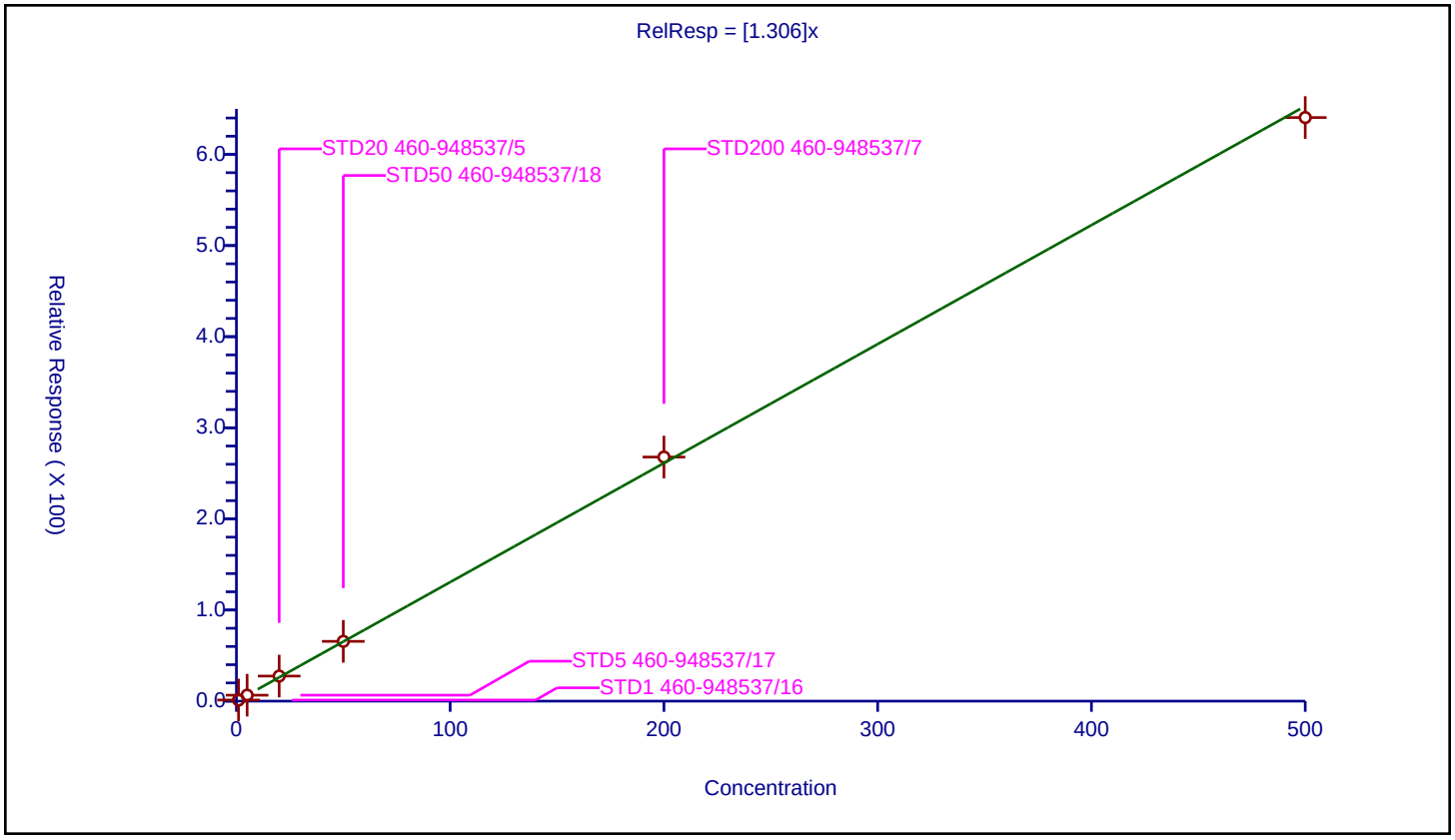
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.306 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1580000 |
| **Relative Standard Error:** | 4.0 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.222618 | 50.0 | 166896.0 | 1.222618 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 6.526492 | 50.0 | 181583.0 | 1.305298 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 27.520612 | 50.0 | 159128.0 | 1.376031 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 65.60142 | 50.0 | 173481.0 | 1.312028 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 267.901701 | 50.0 | 185474.0 | 1.339509 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 640.490569 | 50.0 | 263449.0 | 1.280981 | Y |






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## 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 |

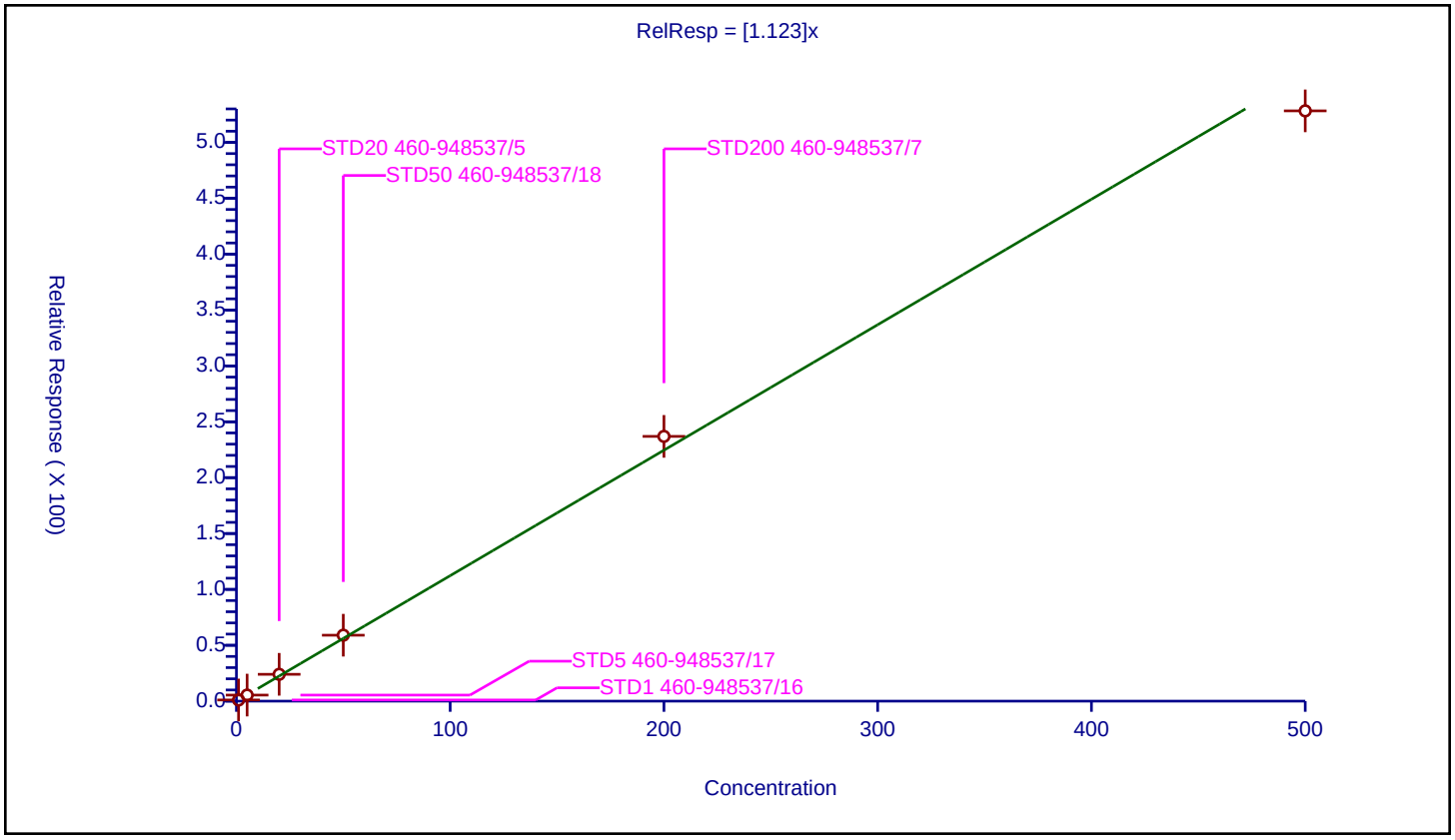
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.123 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1310000 |
| **Relative Standard Error:** | 6.6 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.031181 | 50.0 | 166896.0 | 1.031181 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 5.417908 | 50.0 | 181583.0 | 1.083582 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 24.019971 | 50.0 | 159128.0 | 1.200999 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 58.997815 | 50.0 | 173481.0 | 1.179956 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 236.934557 | 50.0 | 185474.0 | 1.184673 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 528.228614 | 50.0 | 263449.0 | 1.056457 | Y |



## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

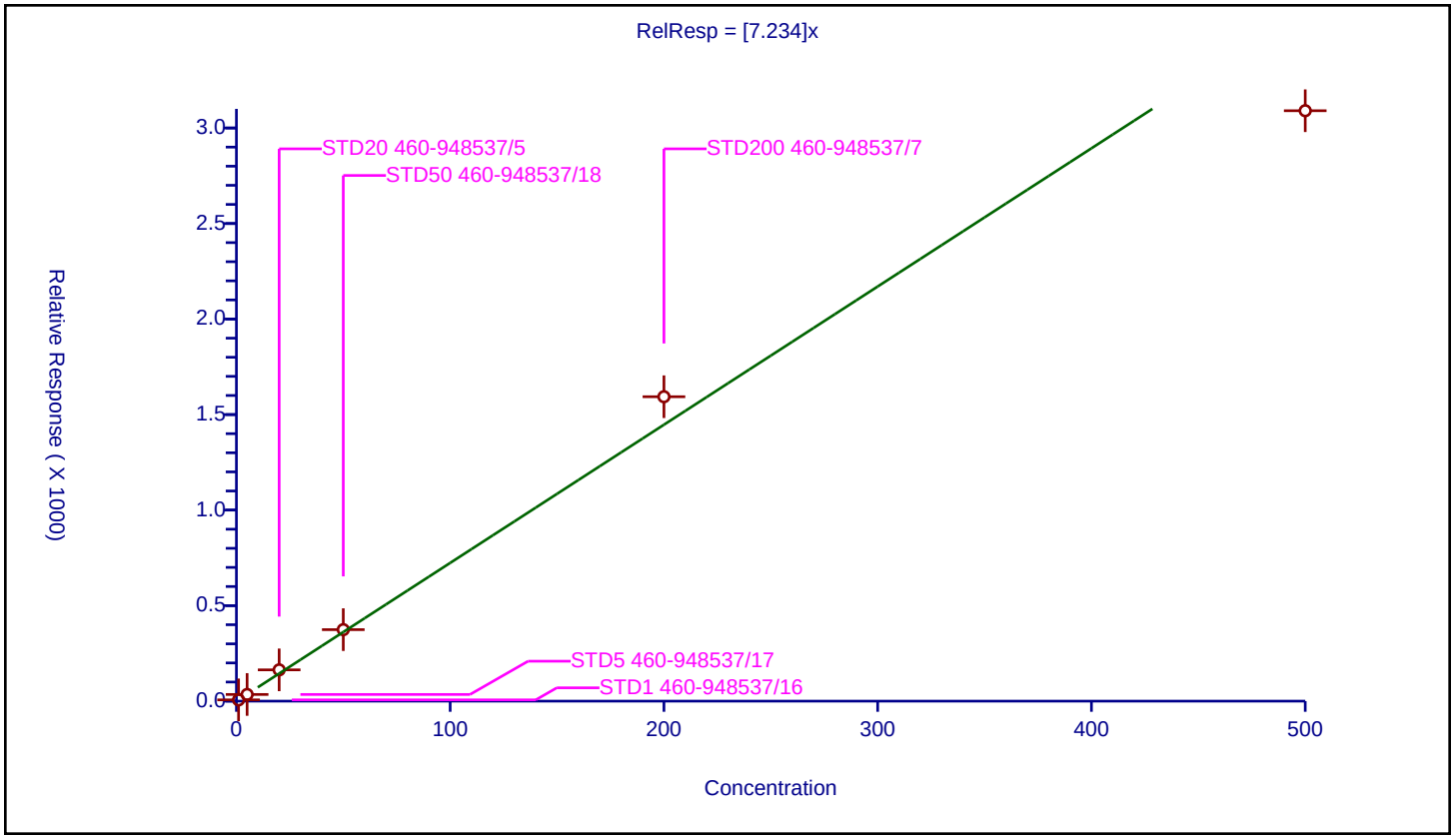
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 7.234 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 7770000 |
| **Relative Standard Error:** | 10.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 6.605611 | 50.0 | 166896.0 | 6.605611 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 34.90112 | 50.0 | 181583.0 | 6.980224 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 163.762191 | 50.0 | 159128.0 | 8.18811 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 374.193716 | 50.0 | 173481.0 | 7.483874 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 1593.412284 | 50.0 | 185474.0 | 7.967061 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 3090.322036 | 50.0 | 263449.0 | 6.180644 | Y |






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## Calibration / 1,2,3-Trichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

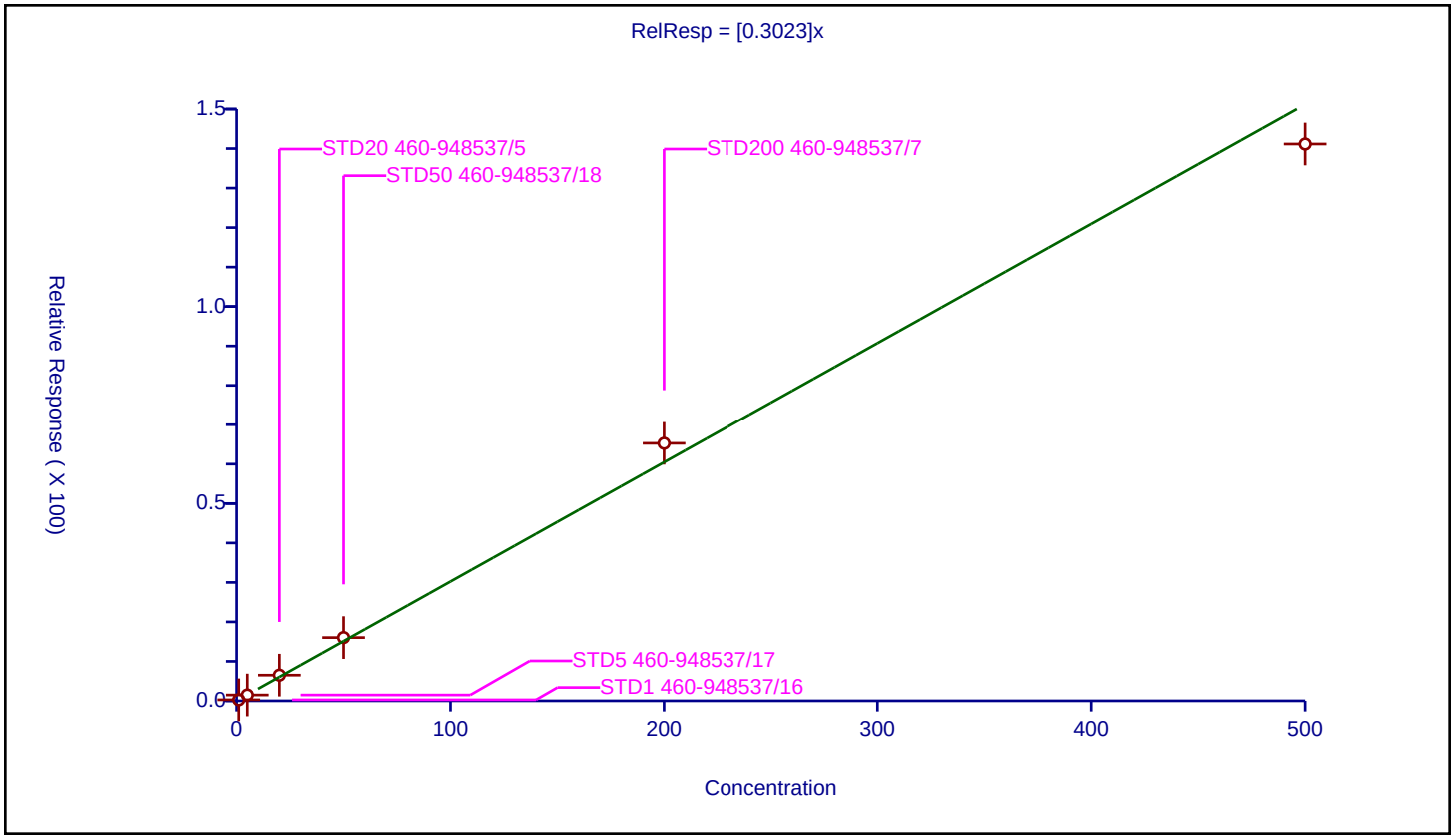
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3023 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 351000 |
| **Relative Standard Error:** | 8.7 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.263038 | 50.0 | 166896.0 | 0.263038 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.481967 | 50.0 | 181583.0 | 0.296393 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 6.508597 | 50.0 | 159128.0 | 0.32543 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 16.025674 | 50.0 | 173481.0 | 0.320513 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 65.282735 | 50.0 | 185474.0 | 0.326414 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 141.154645 | 50.0 | 263449.0 | 0.282309 | Y |



## Calibration / trans-1,4-Dichloro-2-butene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

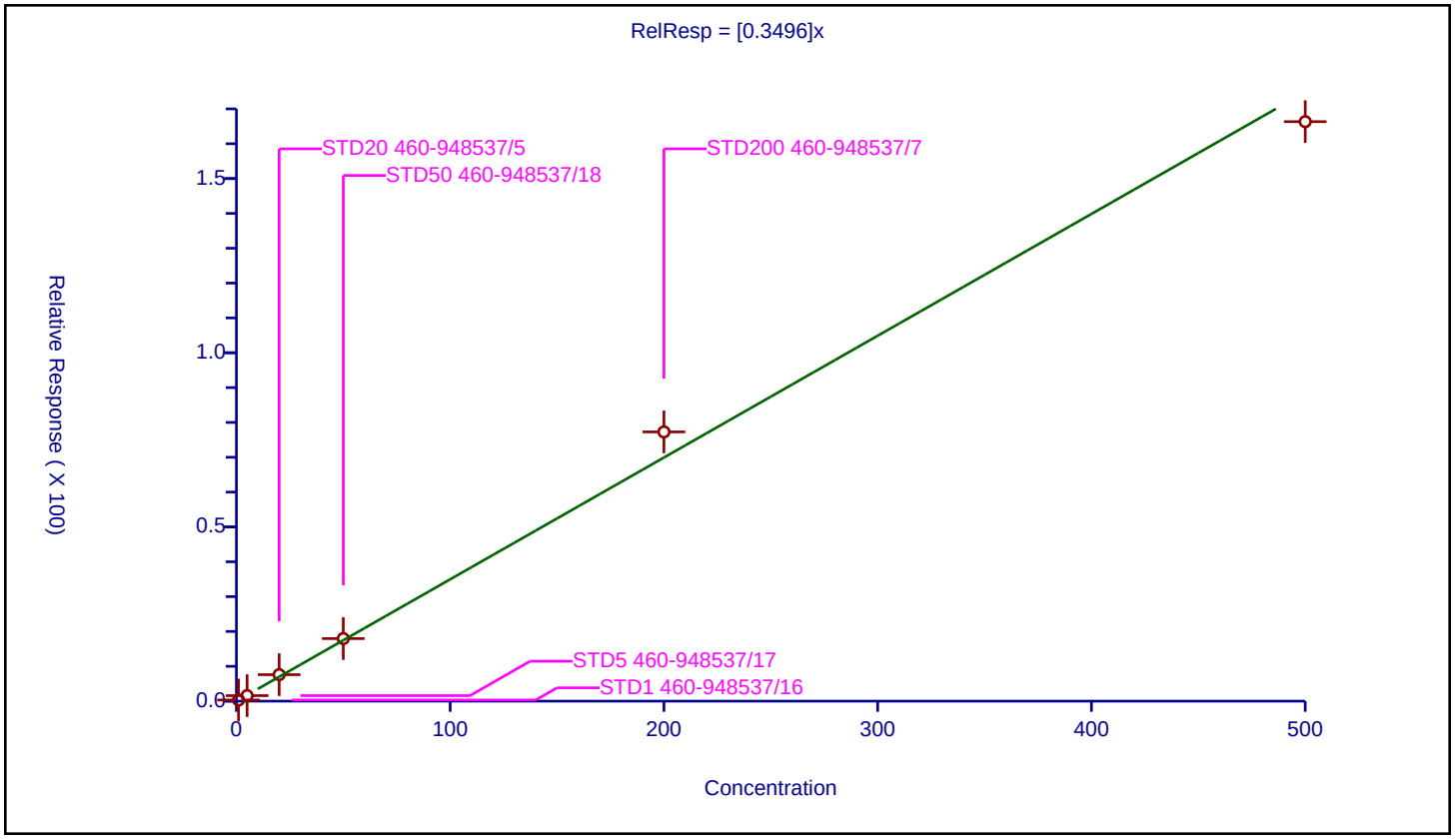
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3496 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 413000 |
| **Relative Standard Error:** | 8.6 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.323854 | 50.0 | 166896.0 | 0.323854 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.578342 | 50.0 | 181583.0 | 0.315668 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 7.599543 | 50.0 | 159128.0 | 0.379977 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 17.956145 | 50.0 | 173481.0 | 0.359123 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 77.283878 | 50.0 | 185474.0 | 0.386419 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 166.33561 | 50.0 | 263449.0 | 0.332671 | Y |






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## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

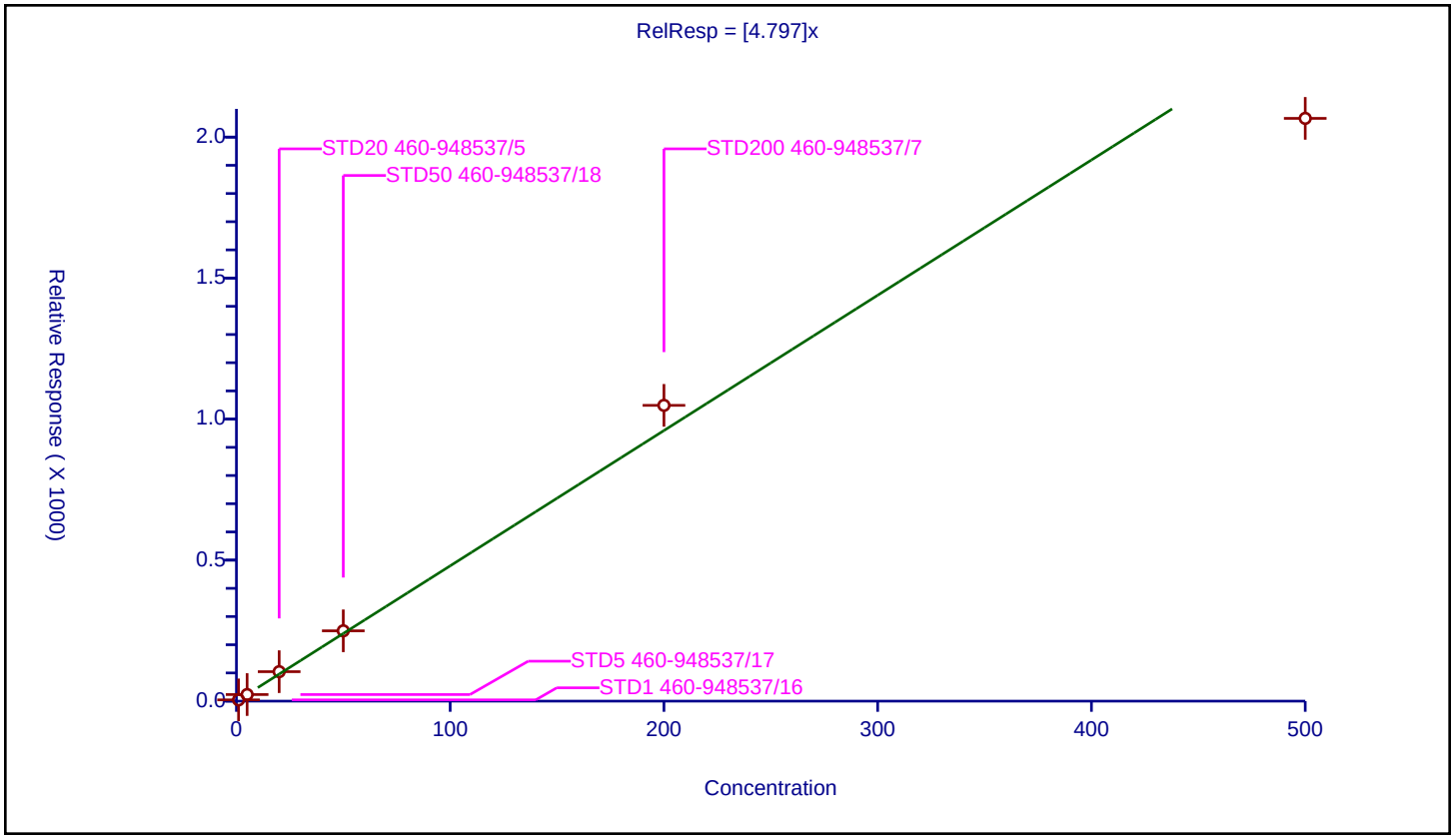
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.797 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5190000 |
| **Relative Standard Error:** | 9.1 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 4.52048 | 50.0 | 166896.0 | 4.52048 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 23.379942 | 50.0 | 181583.0 | 4.675988 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 104.454904 | 50.0 | 159128.0 | 5.222745 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 249.376301 | 50.0 | 173481.0 | 4.987526 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 1048.766134 | 50.0 | 185474.0 | 5.243831 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 2066.418927 | 50.0 | 263449.0 | 4.132838 | Y |



## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

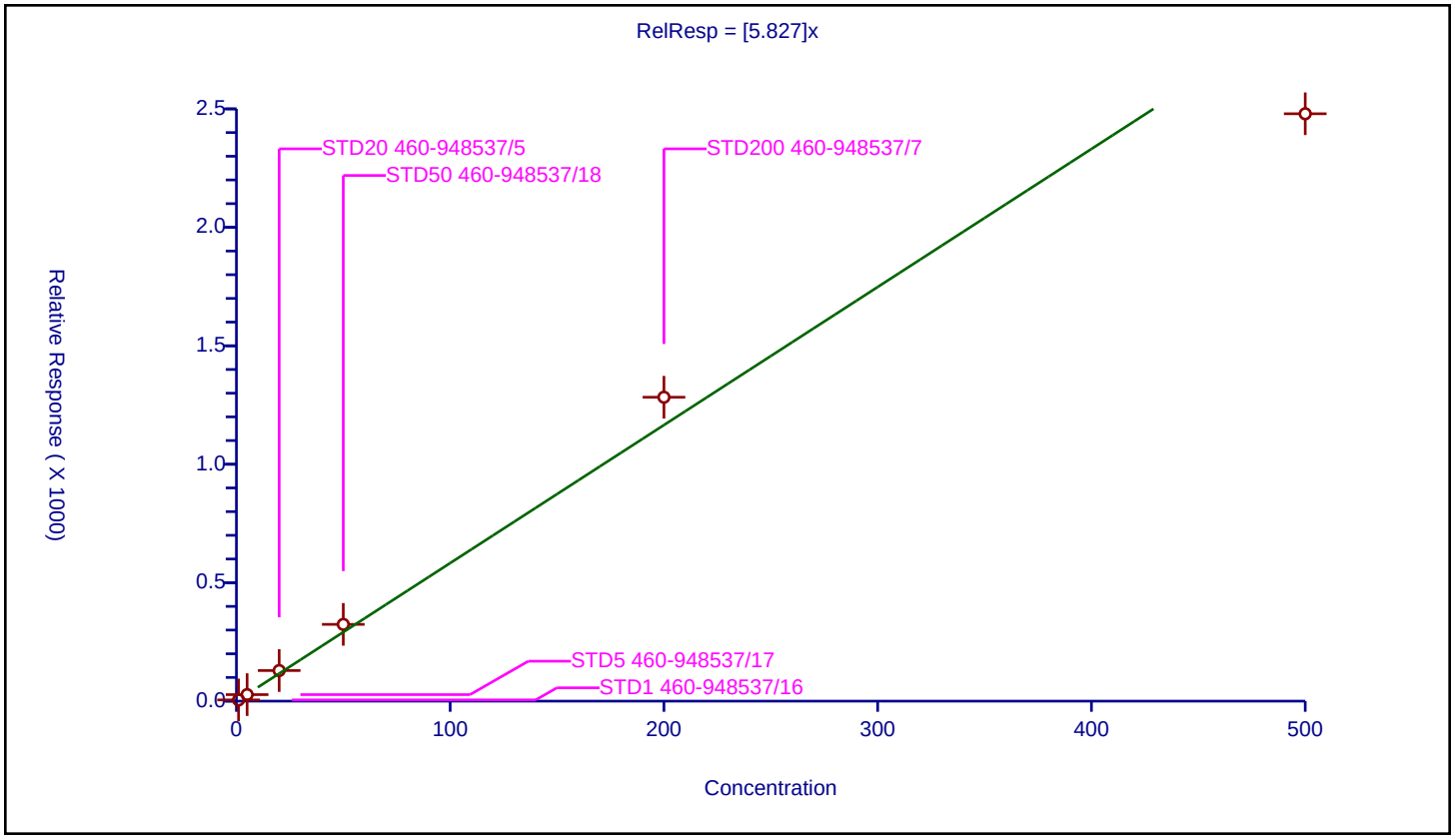
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.827 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 6240000 |
| **Relative Standard Error:** | 12.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 5.146019 | 50.0 | 166896.0 | 5.146019 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 27.527081 | 50.0 | 181583.0 | 5.505416 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 129.146662 | 50.0 | 159128.0 | 6.457333 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 324.062001 | 50.0 | 173481.0 | 6.48124 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 1282.898412 | 50.0 | 185474.0 | 6.414492 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 2479.446117 | 50.0 | 263449.0 | 4.958892 | 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 |

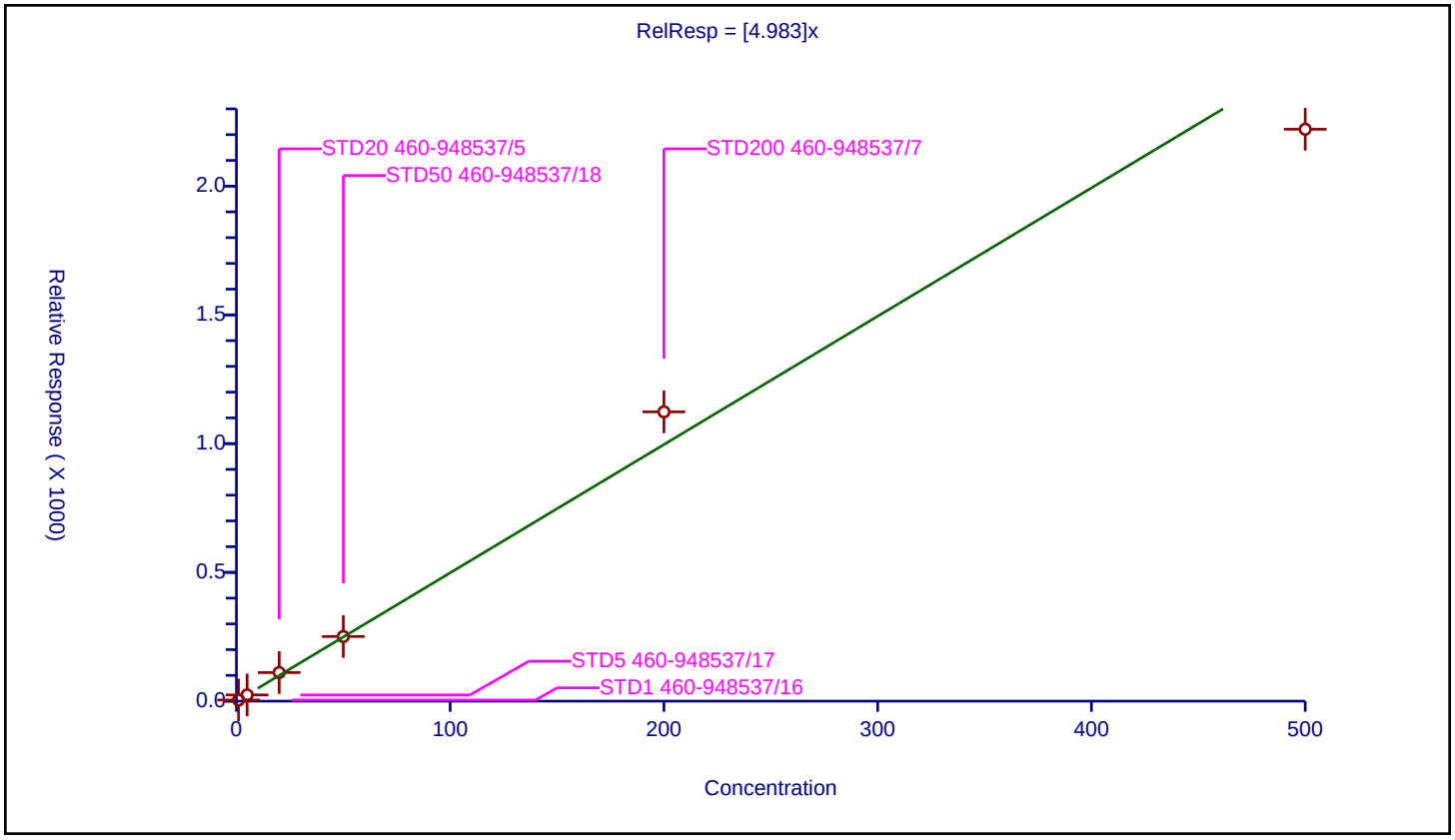
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.983 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5570000 |
| **Relative Standard Error:** | 10.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 4.40424 | 50.0 | 166896.0 | 4.40424 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 24.300458 | 50.0 | 181583.0 | 4.860092 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 111.062164 | 50.0 | 159128.0 | 5.553108 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 251.01625 | 50.0 | 173481.0 | 5.020325 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 1123.450187 | 50.0 | 185474.0 | 5.617251 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 2220.932135 | 50.0 | 263449.0 | 4.441864 | Y |






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## Calibration / 4-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

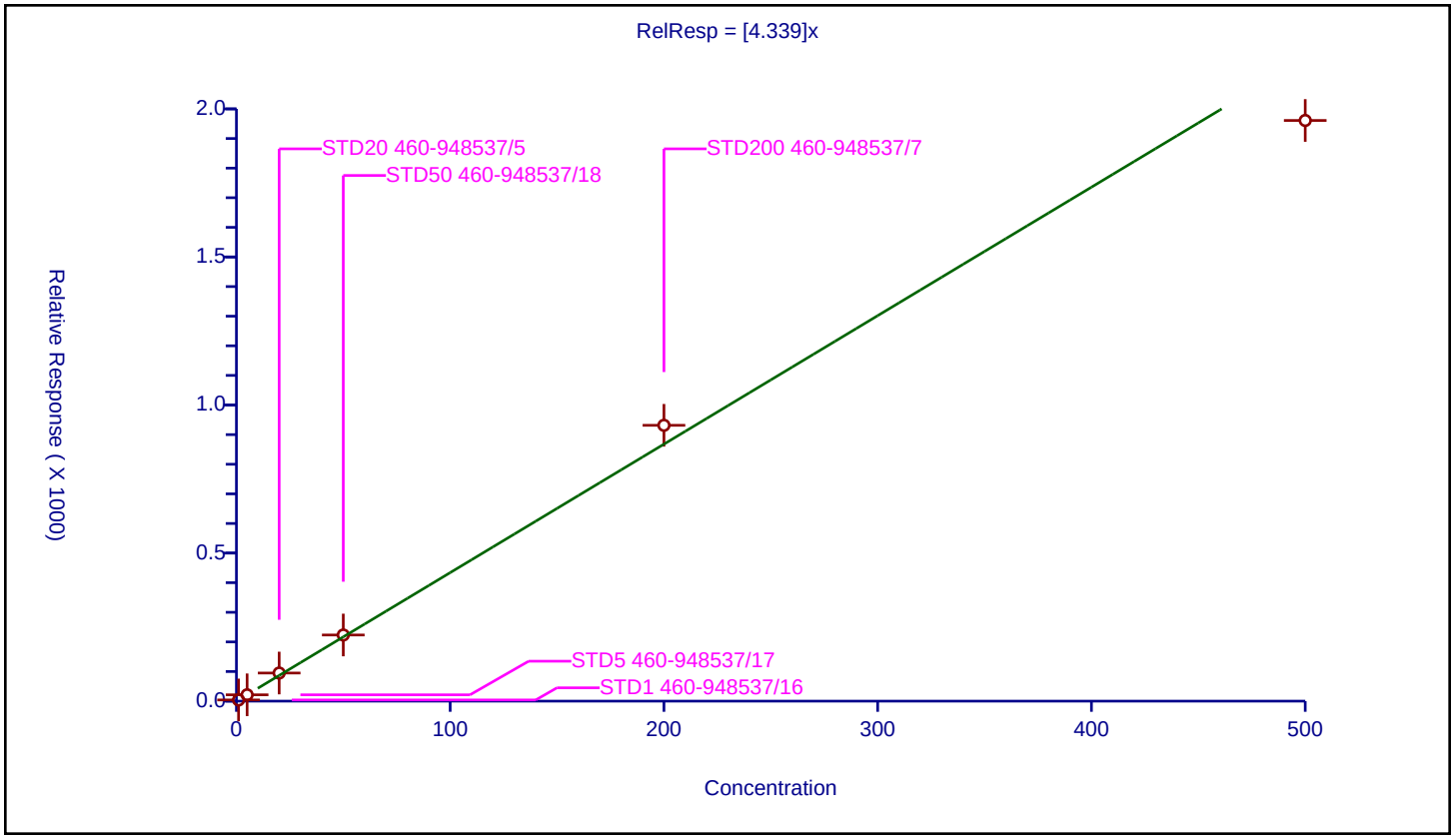
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.339 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4890000 |
| **Relative Standard Error:** | 8.0 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 3.971635 | 50.0 | 166896.0 | 3.971635 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 21.350842 | 50.0 | 181583.0 | 4.270168 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 94.931125 | 50.0 | 159128.0 | 4.746556 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 223.379506 | 50.0 | 173481.0 | 4.46759 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 931.501989 | 50.0 | 185474.0 | 4.65751 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1960.863013 | 50.0 | 263449.0 | 3.921726 | Y |



## Calibration / Butyl Methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

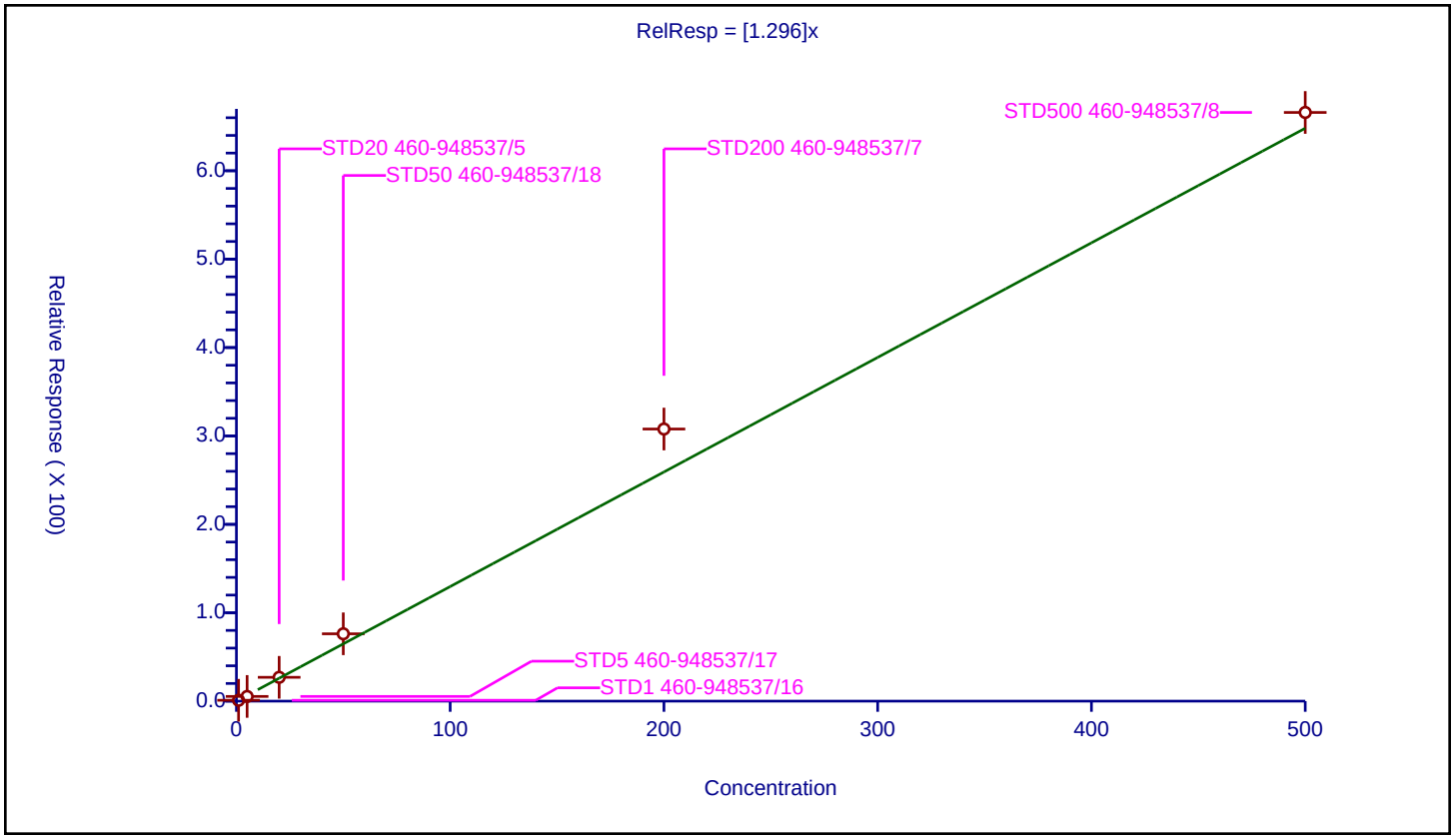
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.296 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1650000 |
| **Relative Standard Error:** | 18.0 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.969 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.97366 | 50.0 | 166896.0 | 0.97366 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 5.308867 | 50.0 | 181583.0 | 1.061773 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 26.945289 | 50.0 | 159128.0 | 1.347264 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 76.170878 | 50.0 | 173481.0 | 1.523418 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 307.834521 | 50.0 | 185474.0 | 1.539173 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 665.960964 | 50.0 | 263449.0 | 1.331922 | Y |






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## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

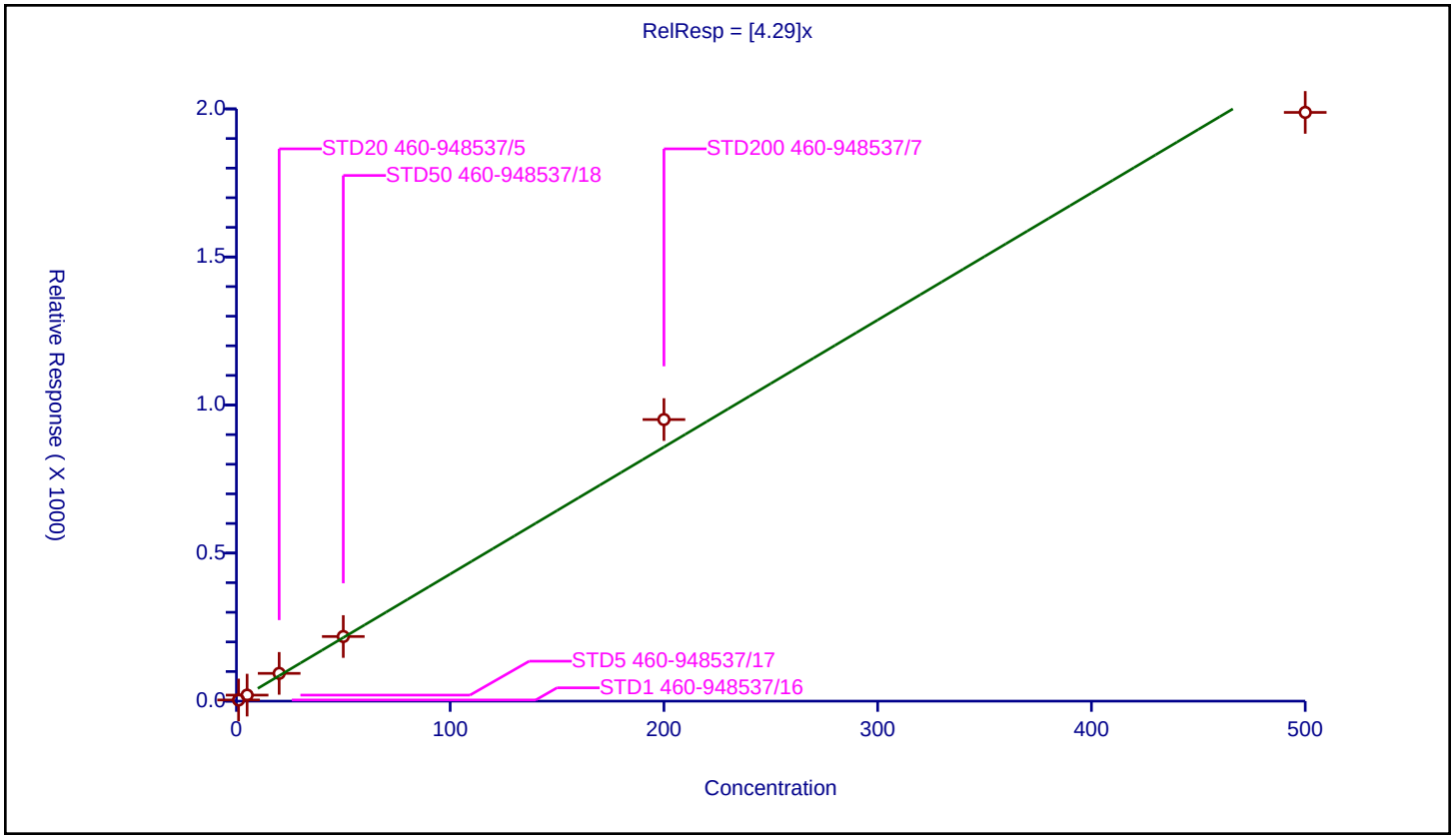
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.29 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4960000 |
| **Relative Standard Error:** | 8.7 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 3.886852 | 50.0 | 166896.0 | 3.886852 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 20.354604 | 50.0 | 181583.0 | 4.070921 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 93.763511 | 50.0 | 159128.0 | 4.688176 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 218.251278 | 50.0 | 173481.0 | 4.365026 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 950.943798 | 50.0 | 185474.0 | 4.754719 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1988.128822 | 50.0 | 263449.0 | 3.976258 | Y |






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## Calibration / 1,2,4-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

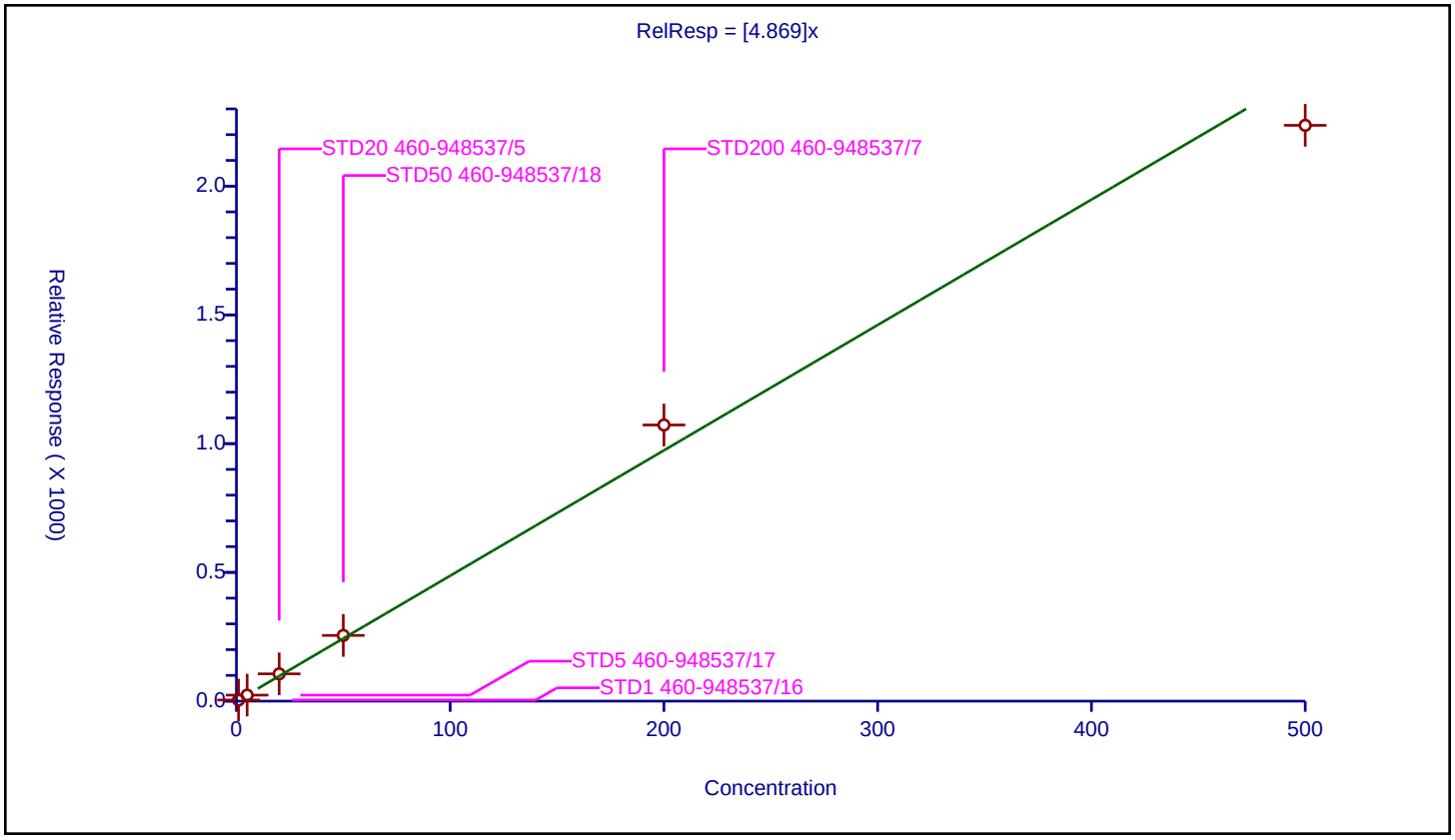
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.869 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5580000 |
| **Relative Standard Error:** | 9.1 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 4.311368 | 50.0 | 166896.0 | 4.311368 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 23.332856 | 50.0 | 181583.0 | 4.666571 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 105.971608 | 50.0 | 159128.0 | 5.29858 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 255.200281 | 50.0 | 173481.0 | 5.104006 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 1072.438994 | 50.0 | 185474.0 | 5.362195 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 2236.149122 | 50.0 | 263449.0 | 4.472298 | Y |






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## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

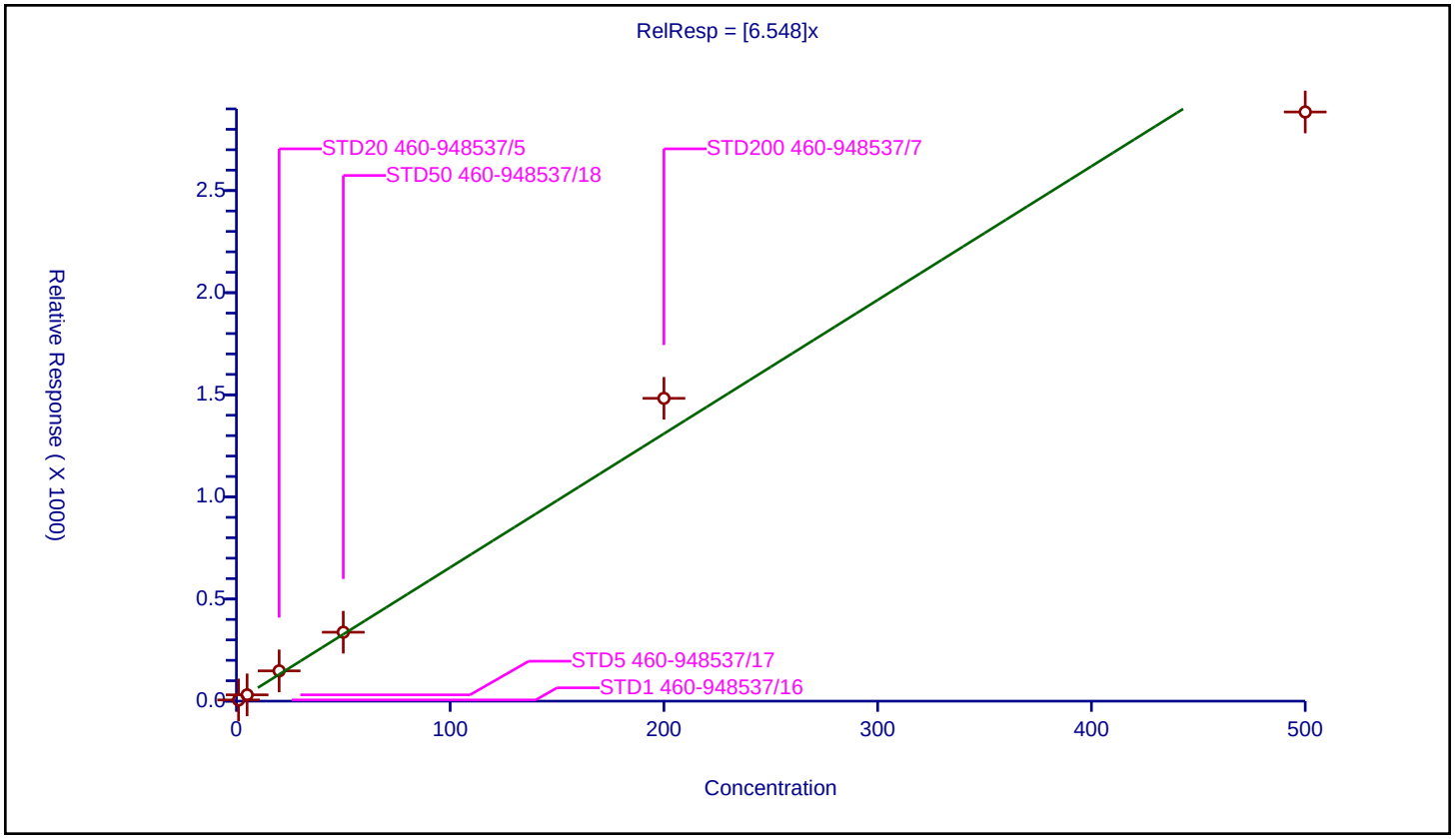
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 6.548 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 7250000 |
| **Relative Standard Error:** | 11.6 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 5.773955 | 50.0 | 166896.0 | 5.773955 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 30.830254 | 50.0 | 181583.0 | 6.166051 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 148.264919 | 50.0 | 159128.0 | 7.413246 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 337.499784 | 50.0 | 173481.0 | 6.749996 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 1482.71995 | 50.0 | 185474.0 | 7.4136 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 2884.819453 | 50.0 | 263449.0 | 5.769639 | Y |



## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

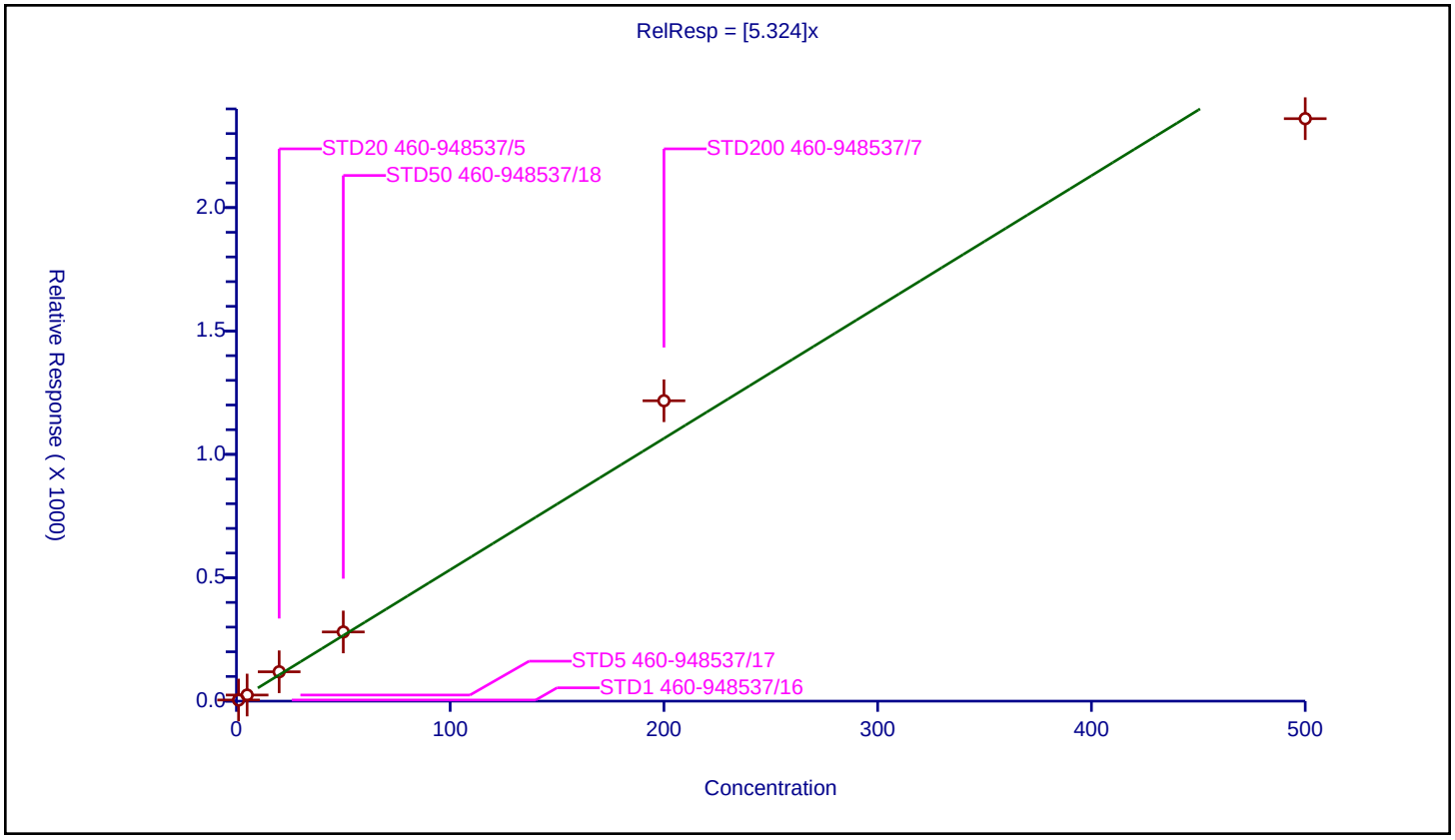
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.324 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5930000 |
| **Relative Standard Error:** | 12.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 4.628032 | 50.0 | 166896.0 | 4.628032 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 24.759201 | 50.0 | 181583.0 | 4.95184 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 118.969006 | 50.0 | 159128.0 | 5.94845 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 280.298707 | 50.0 | 173481.0 | 5.605974 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 1217.346636 | 50.0 | 185474.0 | 6.086733 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 2360.437314 | 50.0 | 263449.0 | 4.720875 | Y |






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## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

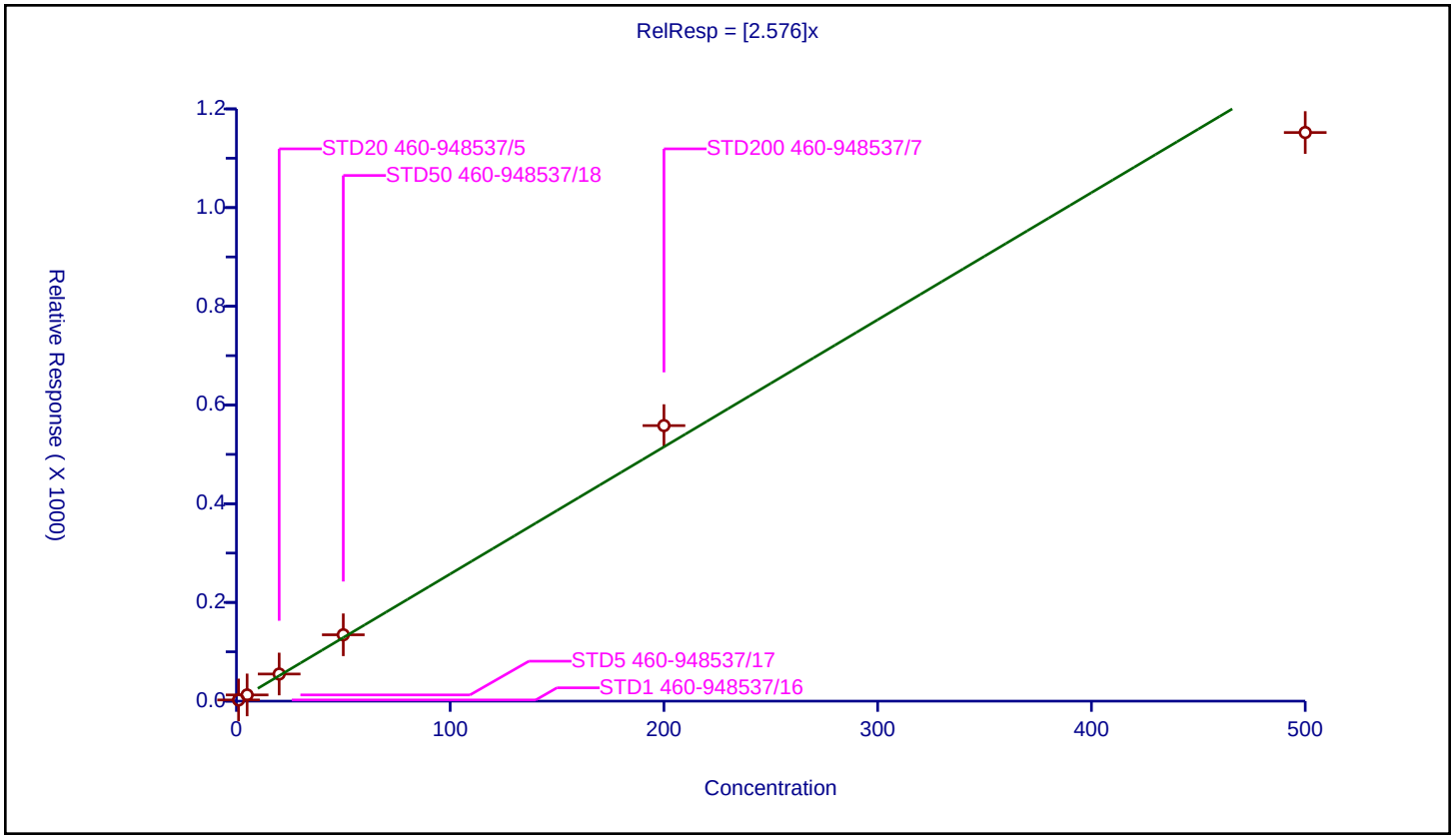
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.576 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2880000 |
| **Relative Standard Error:** | 7.7 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 2.407188 | 50.0 | 166896.0 | 2.407188 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 12.576067 | 50.0 | 181583.0 | 2.515213 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 54.954188 | 50.0 | 159128.0 | 2.747709 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 134.437201 | 50.0 | 173481.0 | 2.688744 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 558.321652 | 50.0 | 185474.0 | 2.791608 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1152.136656 | 50.0 | 263449.0 | 2.304273 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

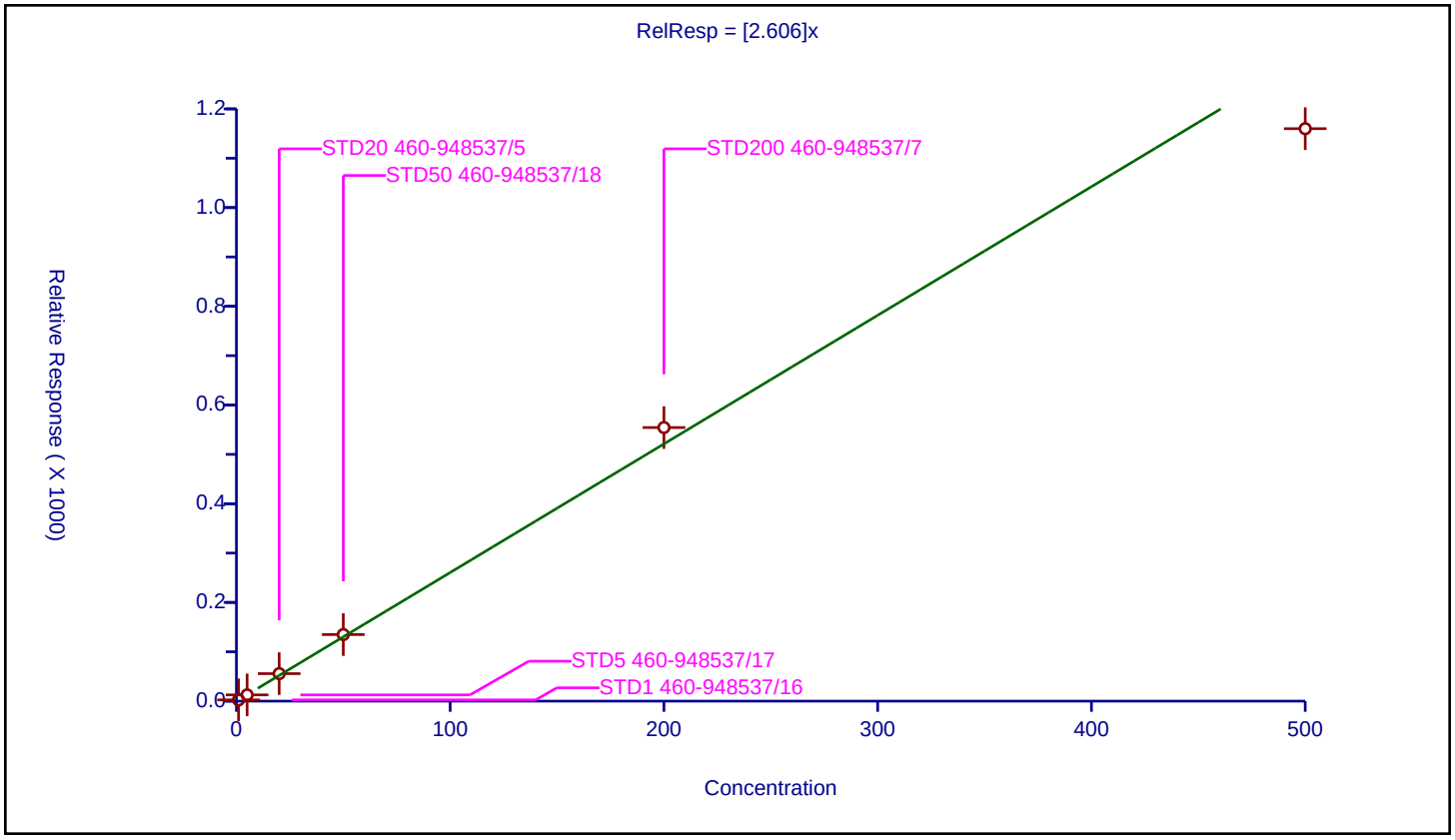
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.606 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2890000 |
| **Relative Standard Error:** | 6.9 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 2.531517 | 50.0 | 166896.0 | 2.531517 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 12.648486 | 50.0 | 181583.0 | 2.529697 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 55.705784 | 50.0 | 159128.0 | 2.785289 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 134.869525 | 50.0 | 173481.0 | 2.69739 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 554.363415 | 50.0 | 185474.0 | 2.771817 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1159.893186 | 50.0 | 263449.0 | 2.319786 | 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 |

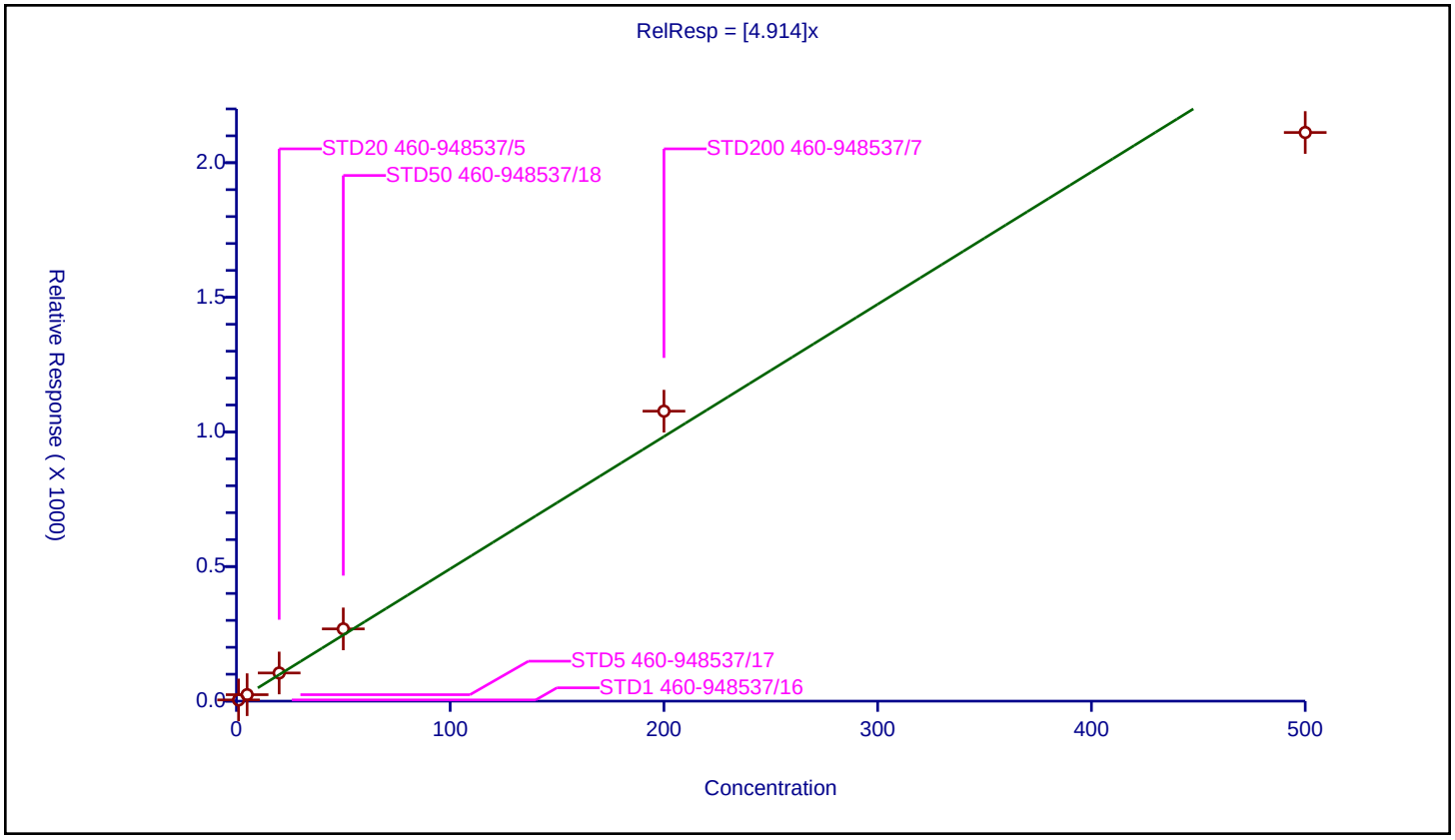
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.914 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5310000 |
| **Relative Standard Error:** | 10.0 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 4.471947 | 50.0 | 166896.0 | 4.471947 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 24.025928 | 50.0 | 181583.0 | 4.805186 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 104.636833 | 50.0 | 159128.0 | 5.231842 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 268.349848 | 50.0 | 173481.0 | 5.366997 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 1077.152862 | 50.0 | 185474.0 | 5.385764 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 2112.33028 | 50.0 | 263449.0 | 4.224661 | Y |



## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

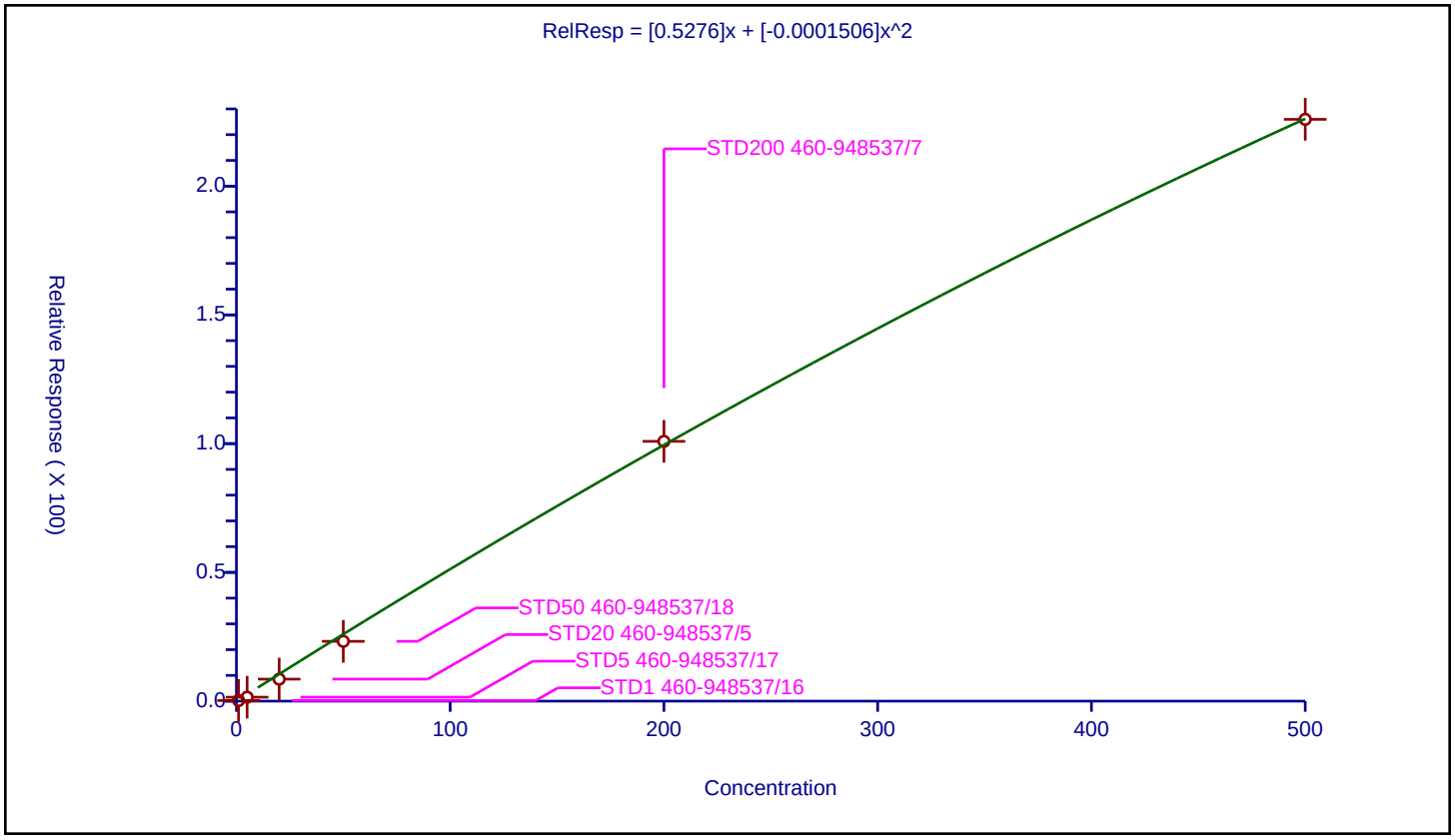
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5276 |
| **Second Order:** | -0.0001506 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 625000 |
| **Relative Standard Error:** | 35.5 |
| **Correlation Coefficient:** | 0.985 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.246261 | 50.0 | 166896.0 | 0.246261 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 1.534835 | 50.0 | 181583.0 | 0.306967 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 8.545008 | 50.0 | 159128.0 | 0.42725 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 23.230498 | 50.0 | 173481.0 | 0.46461 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 100.892578 | 50.0 | 185474.0 | 0.504463 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 225.947337 | 50.0 | 263449.0 | 0.451895 | Y |






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## Calibration / 2,3-Dihydroindene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

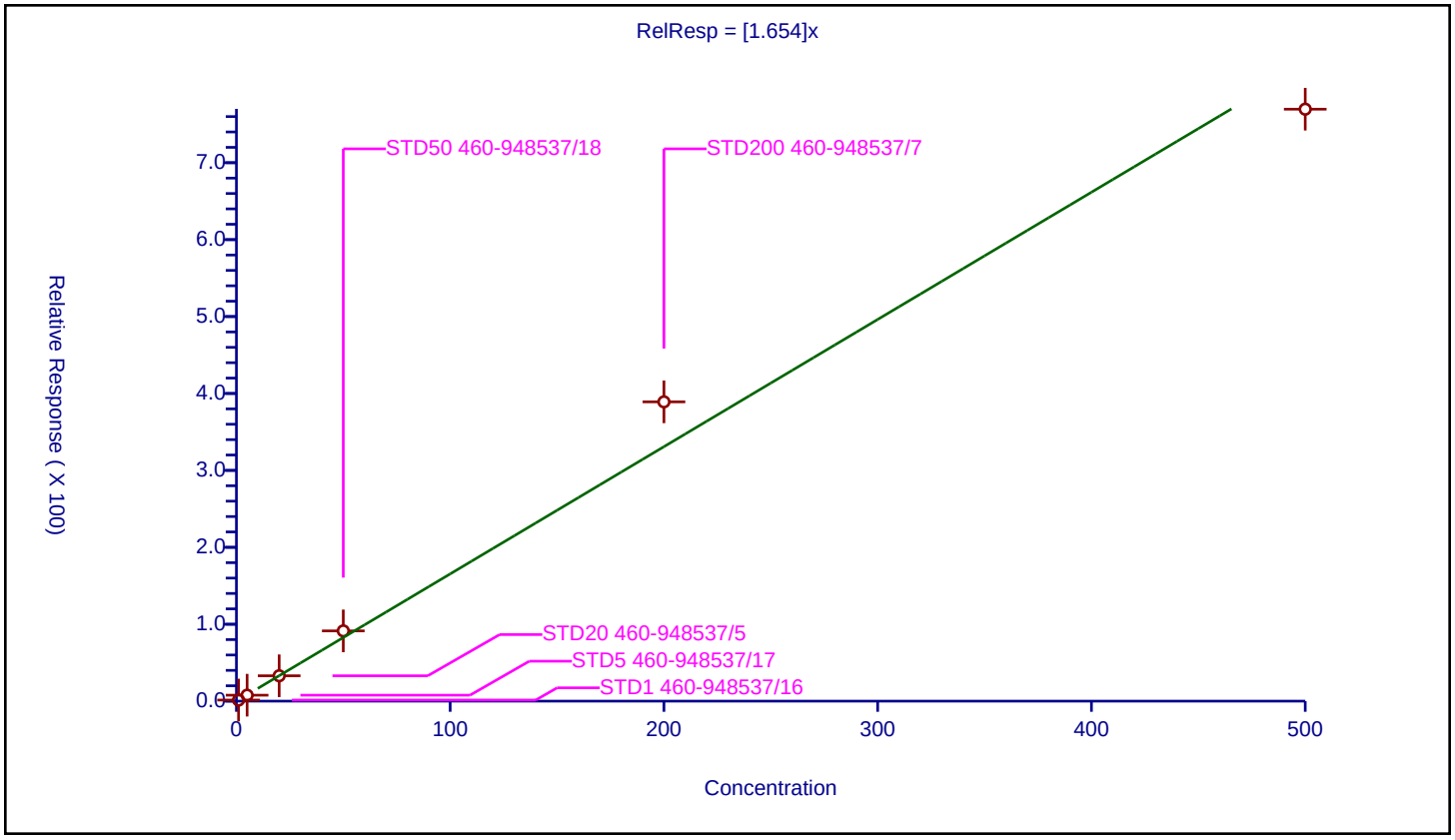
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.654 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5450000 |
| **Relative Standard Error:** | 12.0 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.415525 | 50.0 | 512884.0 | 1.415525 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 7.742857 | 50.0 | 555060.0 | 1.548571 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 32.981047 | 50.0 | 493632.0 | 1.649052 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 91.334664 | 50.0 | 502958.0 | 1.826693 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 389.125672 | 50.0 | 505291.0 | 1.945628 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 769.629211 | 50.0 | 747325.0 | 1.539258 | Y |



## Calibration / p-Diethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

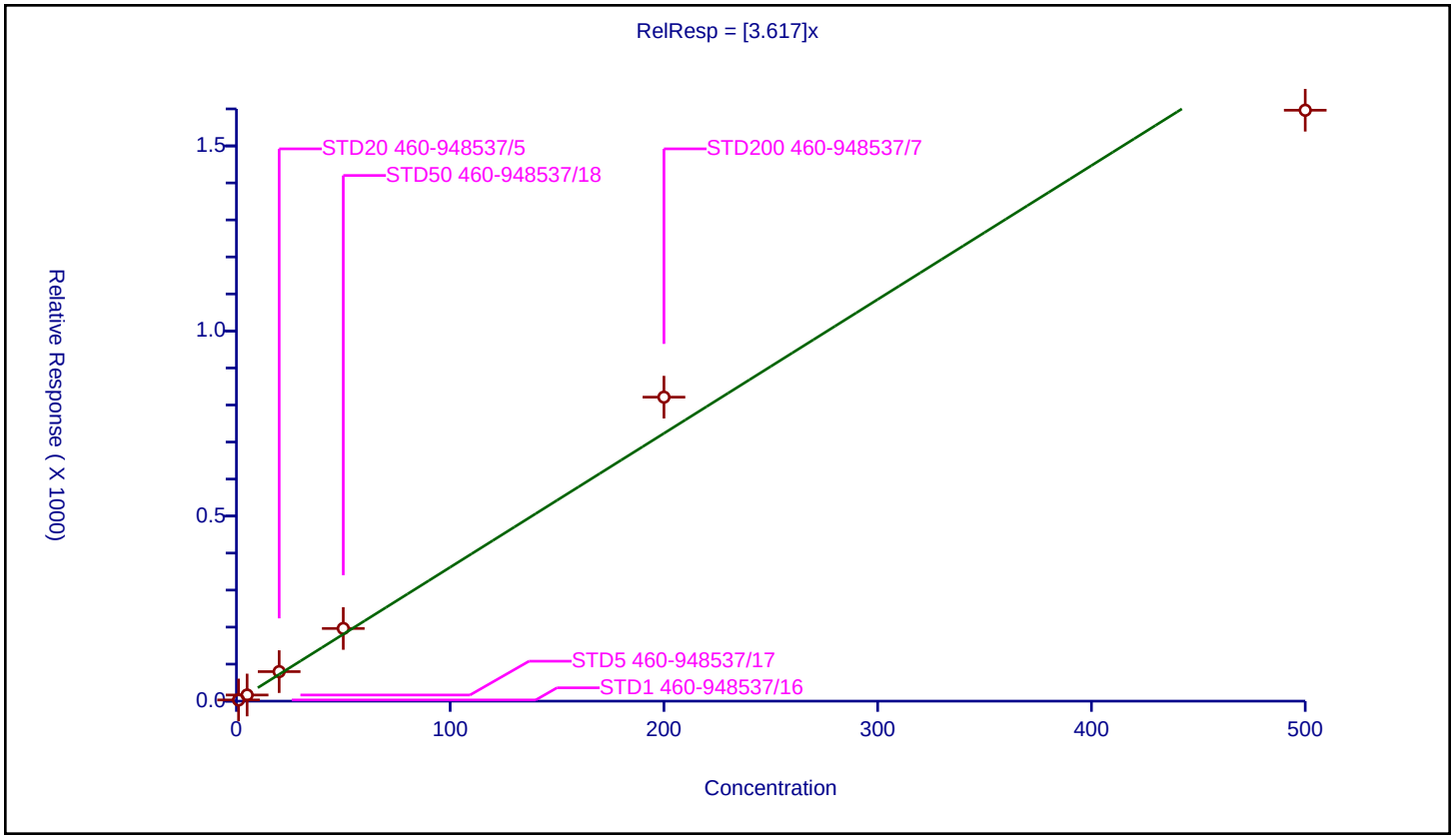
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.617 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4010000 |
| **Relative Standard Error:** | 12.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 3.178926 | 50.0 | 166896.0 | 3.178926 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 16.549732 | 50.0 | 181583.0 | 3.309946 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 79.788284 | 50.0 | 159128.0 | 3.989414 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 196.343692 | 50.0 | 173481.0 | 3.926874 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 821.247183 | 50.0 | 185474.0 | 4.106236 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1596.3659 | 50.0 | 263449.0 | 3.192732 | Y |






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## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

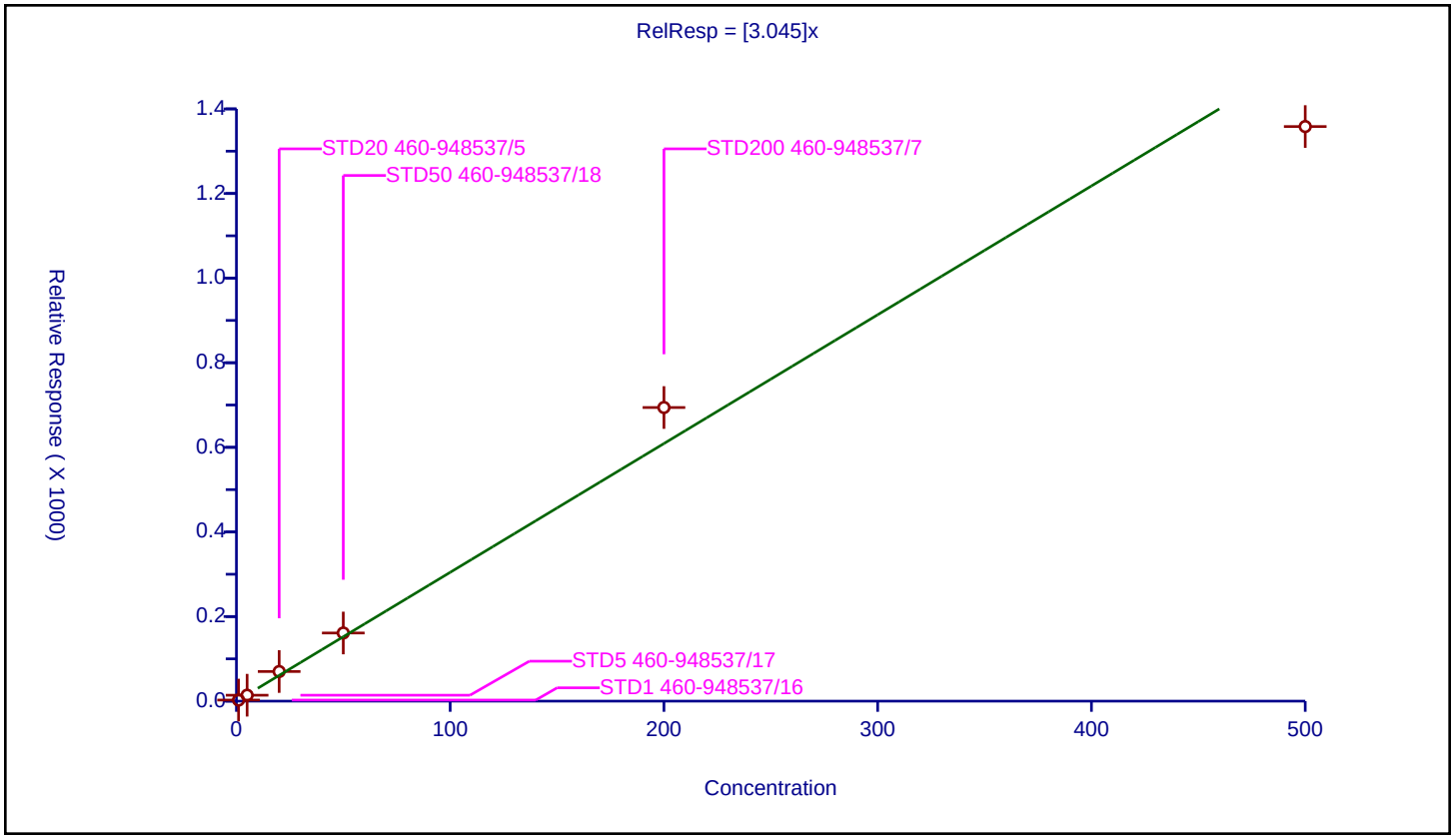
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.045 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3410000 |
| **Relative Standard Error:** | 13.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 2.553986 | 50.0 | 166896.0 | 2.553986 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 14.019209 | 50.0 | 181583.0 | 2.803842 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 70.01282 | 50.0 | 159128.0 | 3.500641 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 161.105251 | 50.0 | 173481.0 | 3.222105 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 694.078685 | 50.0 | 185474.0 | 3.470393 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1358.283577 | 50.0 | 263449.0 | 2.716567 | Y |






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## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

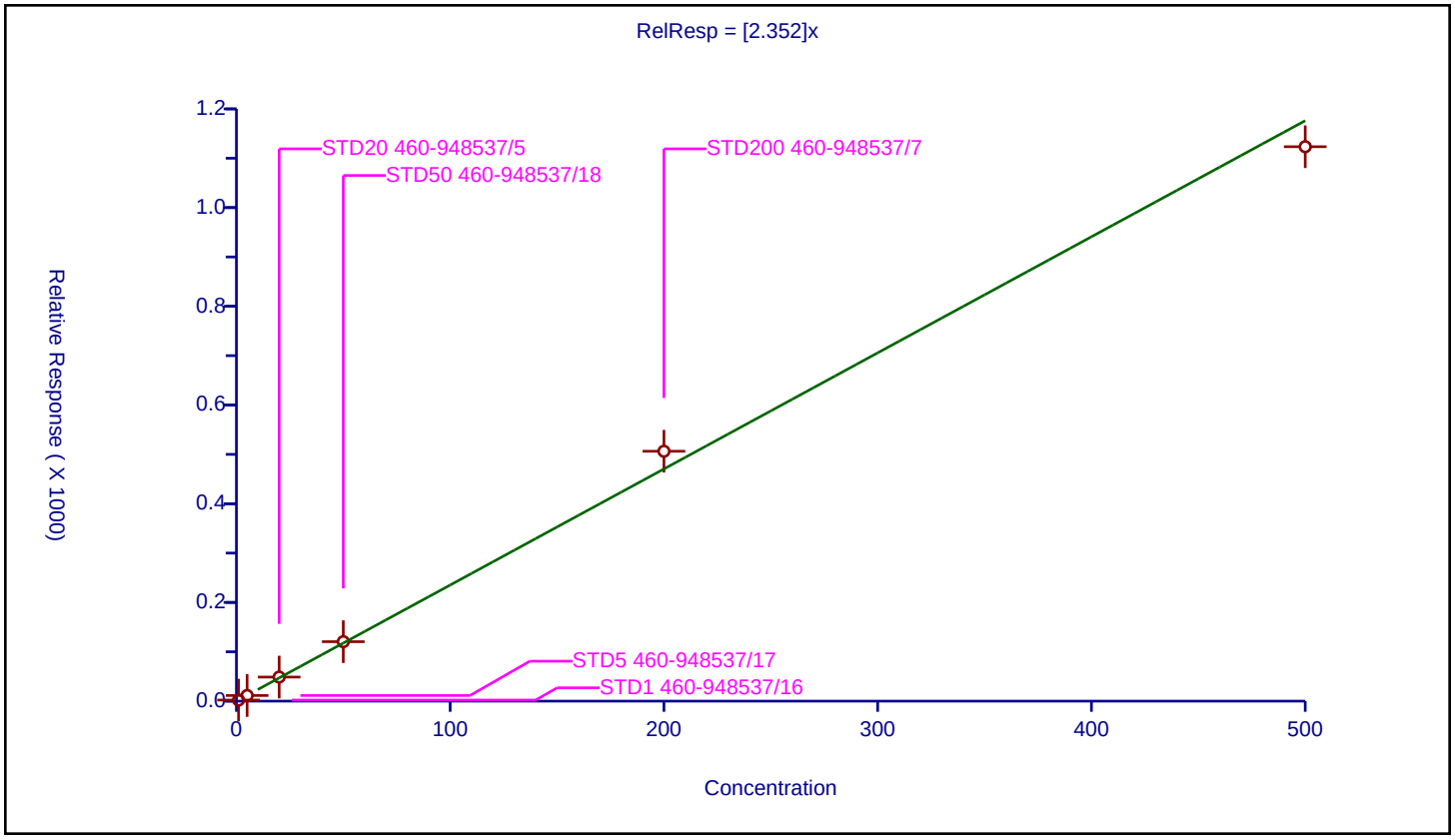
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.352 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2780000 |
| **Relative Standard Error:** | 5.4 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 2.201371 | 50.0 | 166896.0 | 2.201371 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 11.433614 | 50.0 | 181583.0 | 2.286723 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 48.753833 | 50.0 | 159128.0 | 2.437692 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 120.463336 | 50.0 | 173481.0 | 2.409267 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 506.330267 | 50.0 | 185474.0 | 2.531651 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1123.351768 | 50.0 | 263449.0 | 2.246704 | Y |



## Calibration / 1,2,4,5-Tetramethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

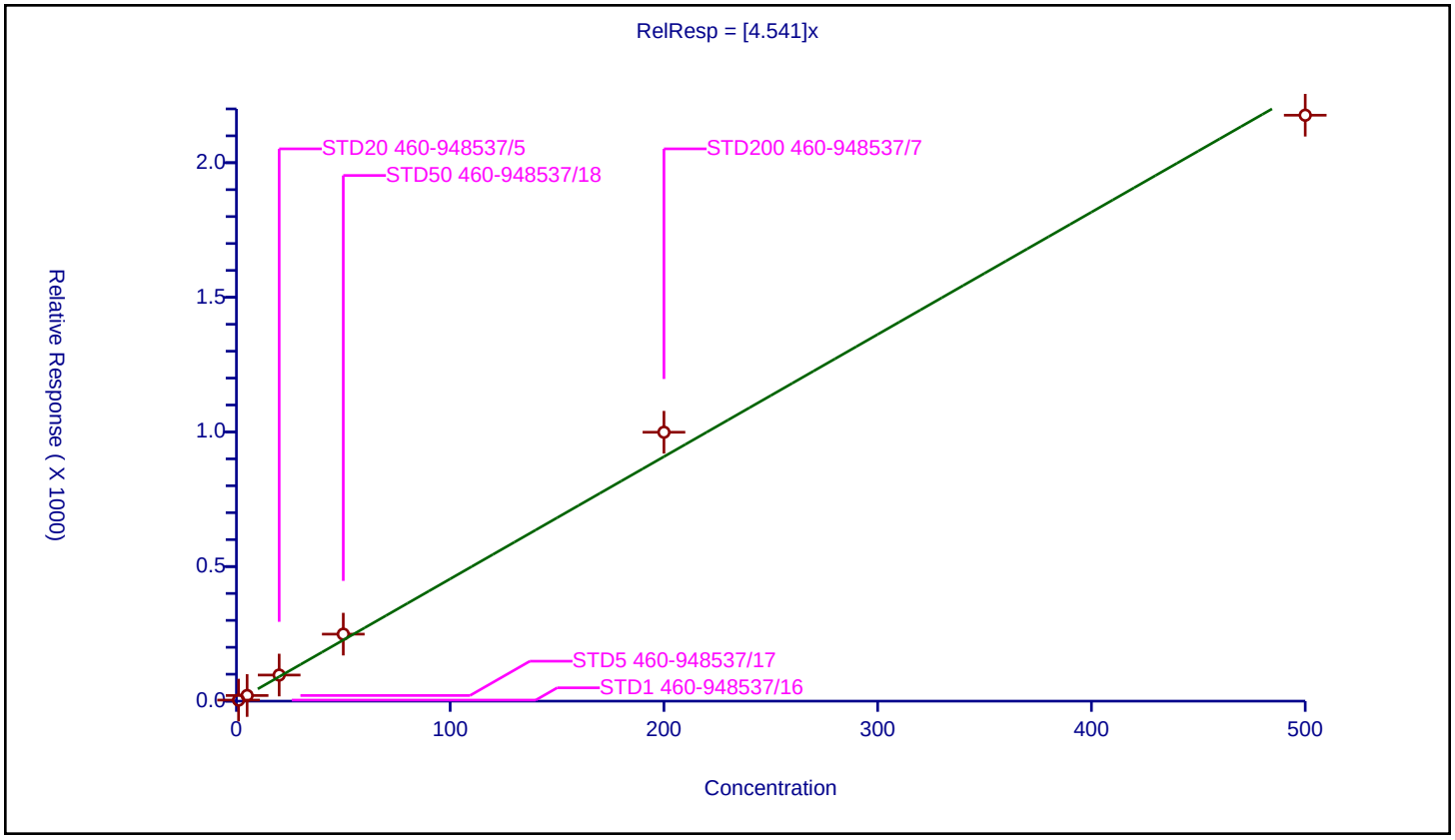
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.541 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5400000 |
| **Relative Standard Error:** | 10.2 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 3.885653 | 50.0 | 166896.0 | 3.885653 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 20.955982 | 50.0 | 181583.0 | 4.191196 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 96.875786 | 50.0 | 159128.0 | 4.843789 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 248.893251 | 50.0 | 173481.0 | 4.977865 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 998.90982 | 50.0 | 185474.0 | 4.994549 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 2176.511962 | 50.0 | 263449.0 | 4.353024 | Y |






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## 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 |

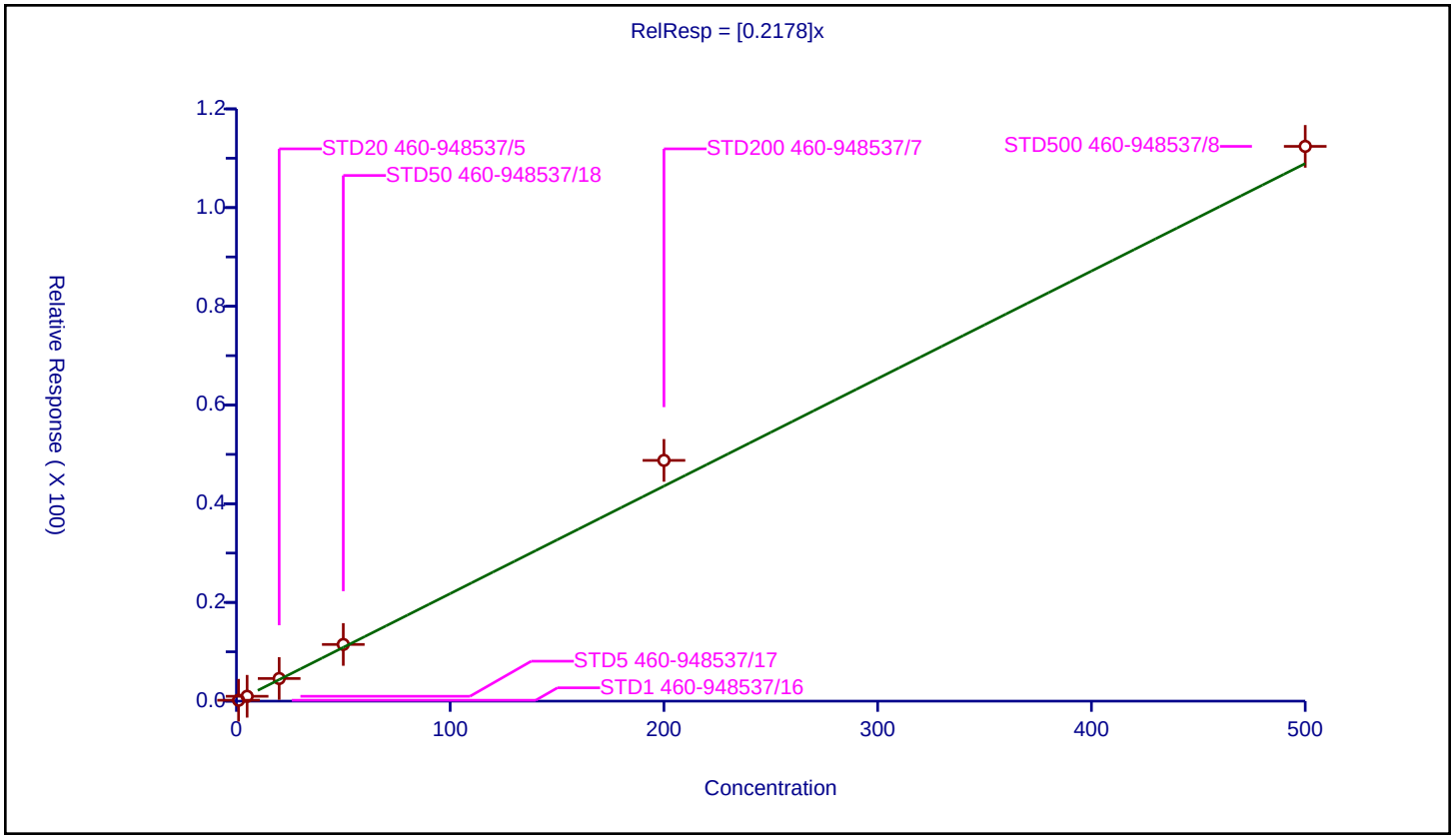
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2178 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 278000 |
| **Relative Standard Error:** | 10.7 |
| **Correlation Coefficient:** | 0.991 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.182149 | 50.0 | 166896.0 | 0.182149 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 0.98605 | 50.0 | 181583.0 | 0.19721 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 4.584674 | 50.0 | 159128.0 | 0.229234 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 11.489154 | 50.0 | 173481.0 | 0.229783 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 48.779613 | 50.0 | 185474.0 | 0.243898 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 112.406576 | 50.0 | 263449.0 | 0.224813 | Y |



## Calibration / 1,3,5-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

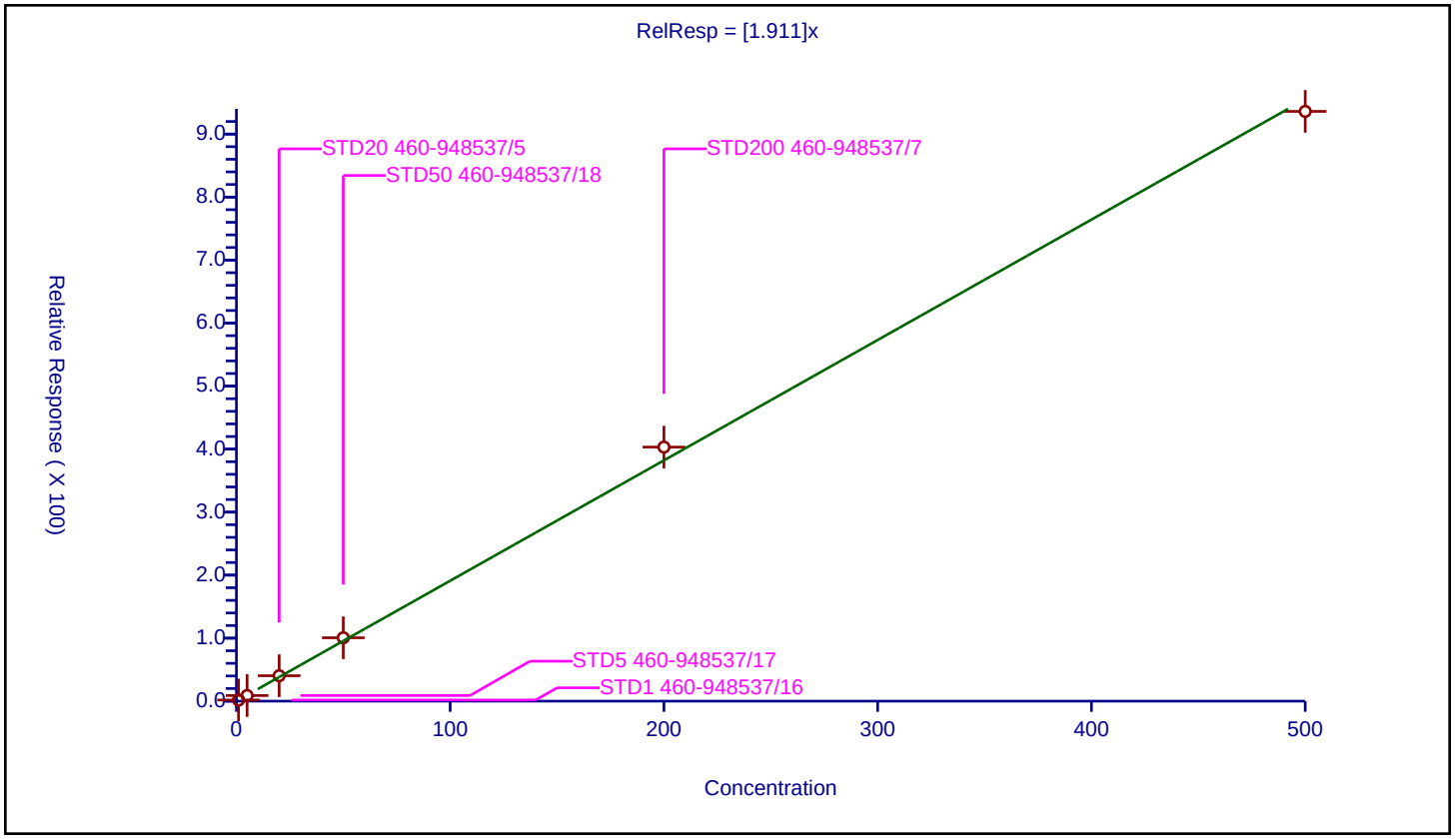
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.911 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2310000 |
| **Relative Standard Error:** | 6.3 |
| **Correlation Coefficient:** | 0.991 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.768467 | 50.0 | 166896.0 | 1.768467 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 8.898685 | 50.0 | 181583.0 | 1.779737 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 40.327912 | 50.0 | 159128.0 | 2.016396 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 100.583637 | 50.0 | 173481.0 | 2.011673 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 403.213119 | 50.0 | 185474.0 | 2.016066 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 936.017408 | 50.0 | 263449.0 | 1.872035 | Y |






12/15/2023
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## Calibration / 1,2,4-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

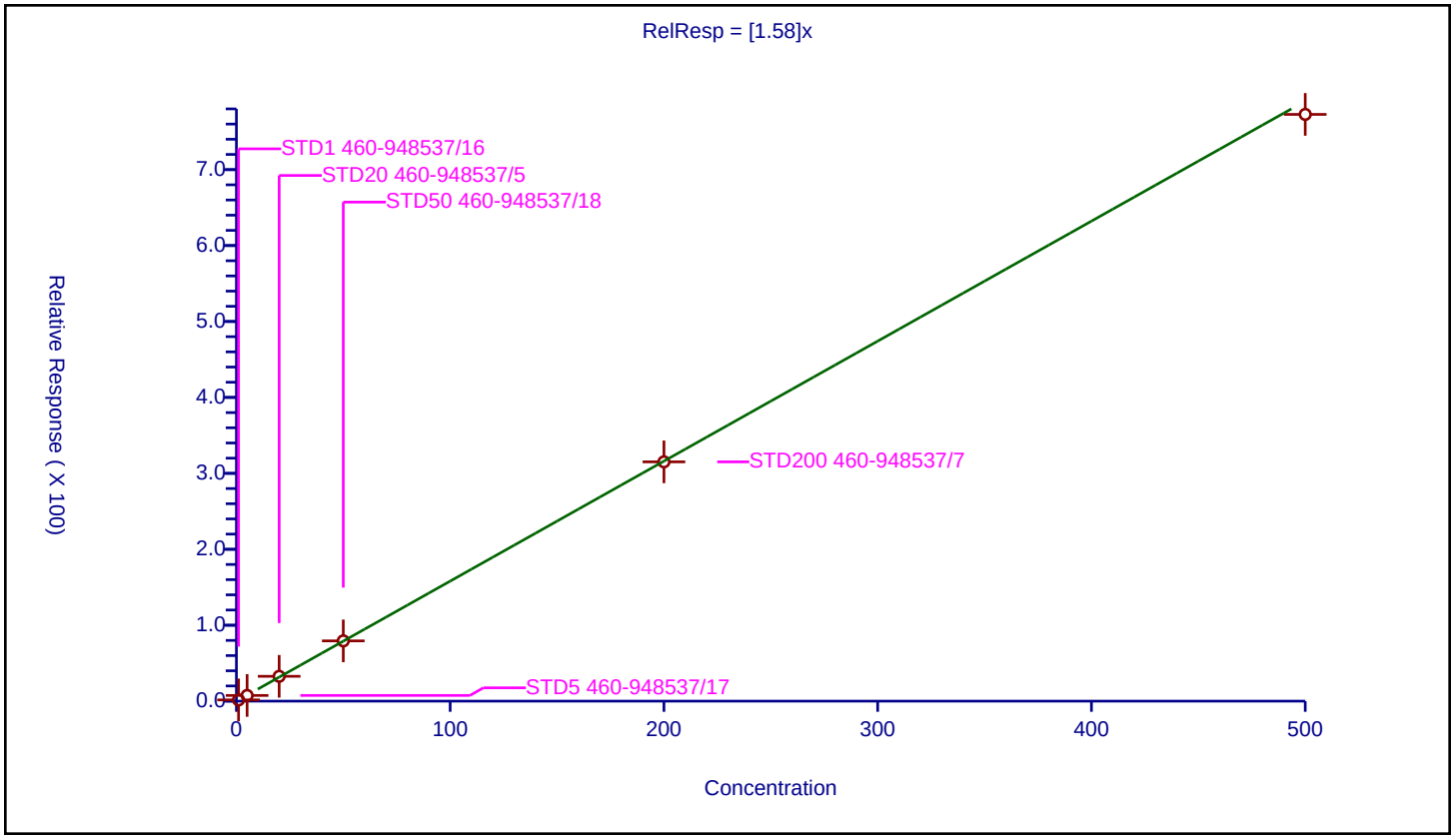
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.58 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1900000 |
| **Relative Standard Error:** | 3.5 |
| **Correlation Coefficient:** | 0.988 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.641142 | 50.0 | 166896.0 | 1.641142 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 7.487485 | 50.0 | 181583.0 | 1.497497 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 32.710145 | 50.0 | 159128.0 | 1.635507 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 79.372093 | 50.0 | 173481.0 | 1.587442 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 315.143362 | 50.0 | 185474.0 | 1.575717 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 772.737228 | 50.0 | 263449.0 | 1.545474 | Y |



## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

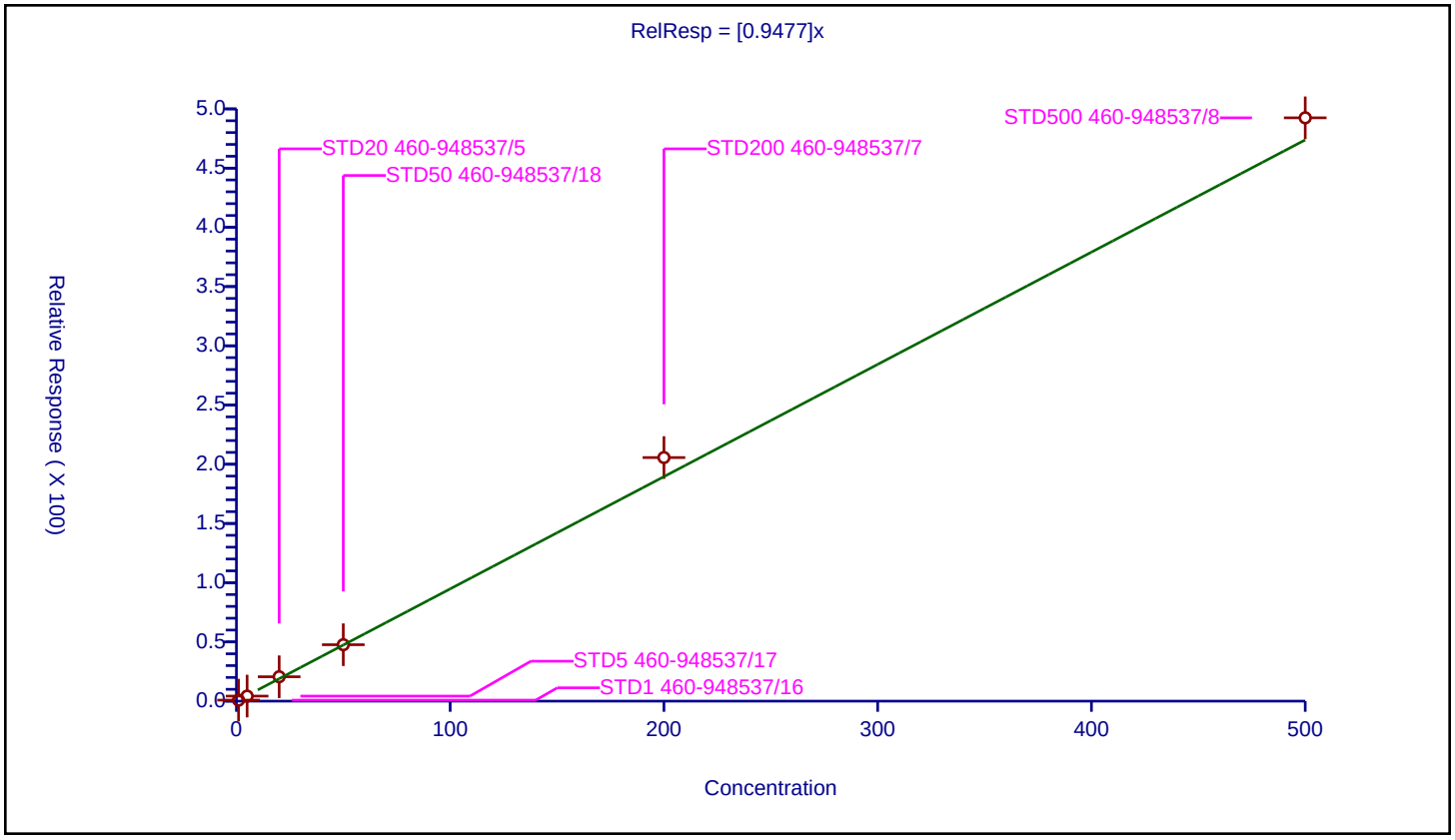
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9477 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1210000 |
| **Relative Standard Error:** | 8.9 |
| **Correlation Coefficient:** | 0.989 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 0.840344 | 50.0 | 166896.0 | 0.840344 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 4.256456 | 50.0 | 181583.0 | 0.851291 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 20.576203 | 50.0 | 159128.0 | 1.02881 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 47.624812 | 50.0 | 173481.0 | 0.952496 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 205.632595 | 50.0 | 185474.0 | 1.028163 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 492.462298 | 50.0 | 263449.0 | 0.984925 | Y |






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## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

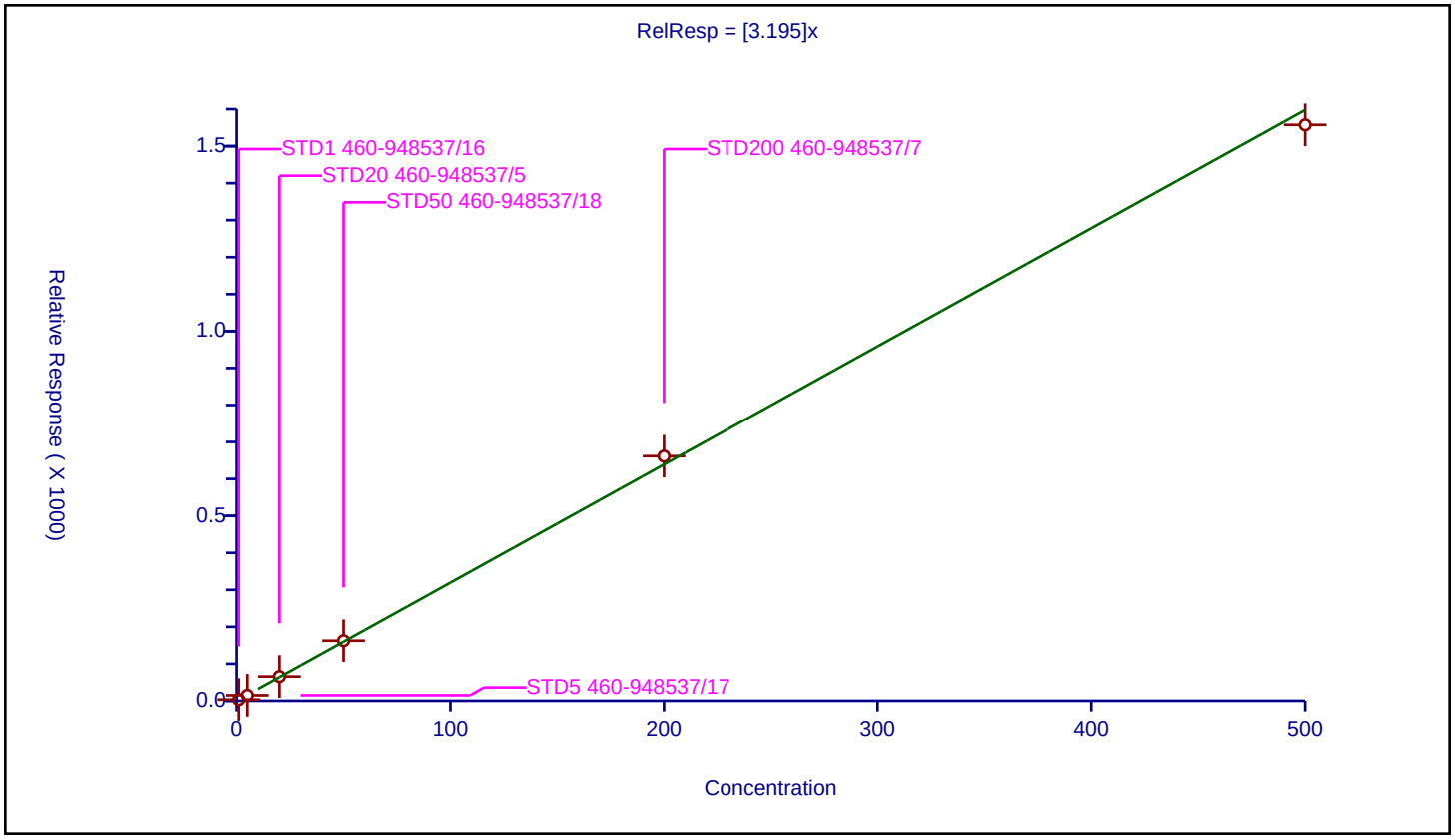
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.195 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3840000 |
| **Relative Standard Error:** | 4.0 |
| **Correlation Coefficient:** | 0.990 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 3.245135 | 50.0 | 166896.0 | 3.245135 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 14.874465 | 50.0 | 181583.0 | 2.974893 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 65.596564 | 50.0 | 159128.0 | 3.279828 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 162.482923 | 50.0 | 173481.0 | 3.249658 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 661.646646 | 50.0 | 185474.0 | 3.308233 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 1557.535804 | 50.0 | 263449.0 | 3.115072 | 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 |

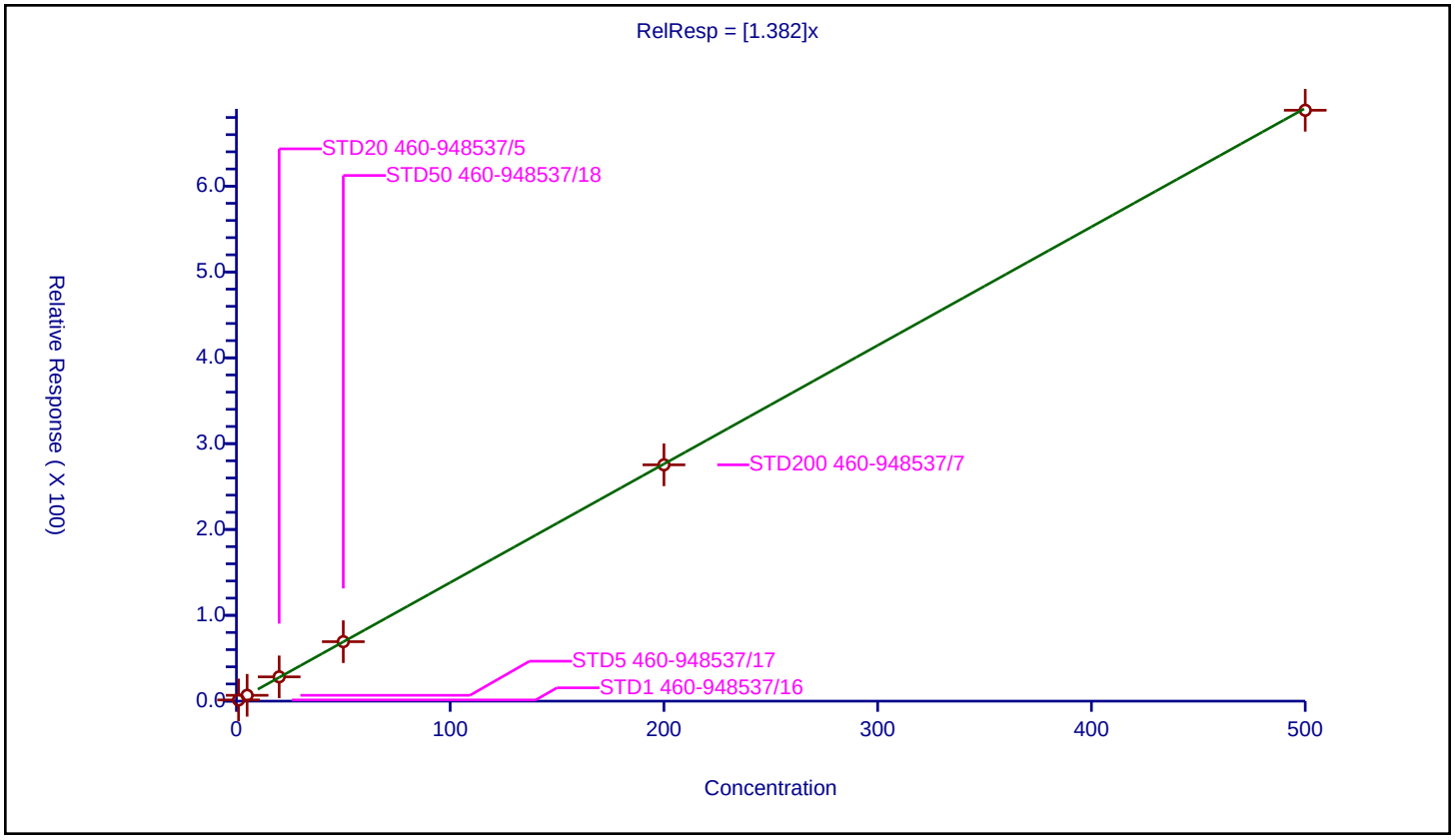
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.382 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1690000 |
| **Relative Standard Error:** | 1.3 |
| **Correlation Coefficient:** | 0.986 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-948537/16 | 1.0 | 1.376306 | 50.0 | 166896.0 | 1.376306 | Y |
| 2 | STD5 460-948537/17 | 5.0 | 6.796616 | 50.0 | 181583.0 | 1.359323 | Y |
| 3 | STD20 460-948537/5 | 20.0 | 28.288548 | 50.0 | 159128.0 | 1.414427 | Y |
| 4 | STD50 460-948537/18 | 50.0 | 69.277039 | 50.0 | 173481.0 | 1.385541 | Y |
| 5 | STD200 460-948537/7 | 200.0 | 275.324035 | 50.0 | 185474.0 | 1.37662 | Y |
| 6 | STD500 460-948537/8 | 500.0 | 688.415595 | 50.0 | 263449.0 | 1.376831 | Y |



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-946193/1019 Calibration Date: 11/22/2023 15:53

Instrument ID: CVOAMS12 Calib Start Date: 11/22/2023 09:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/22/2023 12:33

Lab File ID: -O11273-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | Ave | 0.6050 | 0.7838 | | 1300 | 1000 | 29.5 | 30.0 |
| Dichlorodifluoromethane | Ave | 0.3582 | 0.2784 | 0.1000 | 777 | 1000 | -22.3 | 30.0 |
| Chlorodifluoromethane | Lin | | 0.0488 | | 919 | 1000 | -8.1 | 30.0 |
| Chloromethane | Ave | 0.3967 | 0.3402 | 0.1000 | 858 | 1000 | -14.2 | 30.0 |
| Vinyl chloride | Ave | 0.3335 | 0.3226 | 0.1000 | 967 | 1000 | -3.3 | 30.0 |
| Butadiene | Ave | 0.3515 | 0.2807 | | 798 | 1000 | -20.2 | 30.0 |
| Bromomethane | QuaF | | 0.2155 | 0.1000 | 798 | 1000 | -20.2 | 30.0 |
| Chloroethane | Ave | 0.2209 | 0.2061 | 0.1000 | 933 | 1000 | -6.7 | 30.0 |
| Dichlorofluoromethane | Ave | 0.5276 | 0.5041 | | 955 | 1000 | -4.5 | 30.0 |
| Trichlorofluoromethane | Ave | 0.3700 | 0.3629 | 0.1000 | 981 | 1000 | -1.9 | 30.0 |
| Pentane | Ave | 0.0546 | 0.0315 | | 1150 | 2000 | -42.3* | 30.0 |
| Ethanol | Lin2 | | 0.0569 | | 40800 | 40000 | 2.1 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.1913 | 0.1886 | | 986 | 1000 | -1.4 | 30.0 |
| Ethyl ether | Lin2 | | 0.1891 | | 844 | 1000 | -15.6 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2535 | 0.1966 | | 776 | 1000 | -22.4 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.3499 | 0.3253 | | 930 | 1000 | -7.0 | 30.0 |
| Acrolein | Ave | 1.400 | 0.8591 | | 1210 | 1980 | -38.6* | 30.0 |
| 1,1,2-Trichloro-1,2,2-triflu oroethane | Ave | 0.2115 | 0.1950 | 0.1000 | 922 | 1000 | -7.8 | 30.0 |
| 1,1-Dichloroethene | Ave | 0.1993 | 0.1577 | 0.1000 | 792 | 1000 | -20.8 | 30.0 |
| Acetone | Ave | 0.1627 | 0.1415 | 0.0500 | 4350 | 5000 | -13.0 | 30.0 |
| Iodomethane | Ave | 0.2700 | 0.2221 | | 823 | 1000 | -17.7 | 30.0 |
| Isopropyl alcohol | Ave | 0.6759 | 0.5246 | | 7760 | 10000 | -22.4 | 30.0 |
| Carbon disulfide | Ave | 0.7280 | 0.3824 | 0.1000 | 525 | 1000 | -47.5* | 30.0 |
| Acetonitrile | Lin2 | | 0.4152 | | 8680 | 10000 | -13.2 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.1428 | 0.1240 | | 868 | 1000 | -13.2 | 30.0 |
| Methyl acetate | Ave | 6.357 | 5.258 | 0.1000 | 1650 | 2000 | -17.3 | 30.0 |
| Cyclopentene | Ave | 0.5088 | 0.3714 | | 730 | 1000 | -27.0 | 30.0 |
| Methylene Chloride | Ave | 0.2675 | 0.2263 | 0.1000 | 846 | 1000 | -15.4 | 30.0 |
| 2-Methyl-2-propanol | Ave | 1.152 | 1.073 | | 9310 | 10000 | -6.9 | 30.0 |
| Acrylonitrile | Ave | 0.0806 | 0.0753 | | 9340 | 10000 | -6.6 | 30.0 |
| Methyl tert-butyl ether | Ave | 0.8040 | 0.7554 | 0.1000 | 940 | 1000 | -6.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.2463 | 0.1834 | 0.1000 | 745 | 1000 | -25.5 | 30.0 |
| Hexane | Ave | 0.2601 | 0.1508 | | 580 | 1000 | -42.0* | 30.0 |
| 1,1-Dichloroethane | Ave | 0.4745 | 0.4208 | 0.2000 | 887 | 1000 | -11.3 | 30.0 |
| Vinyl acetate | Ave | 0.3915 | 0.4156 | | 2120 | 2000 | 6.2 | 30.0 |
| Isopropyl ether | Ave | 0.9272 | 0.8404 | | 906 | 1000 | -9.4 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2374 | 0.2125 | | 895 | 1000 | -10.5 | 30.0 |
| Tert-butyl ethyl ether | Ave | 0.8664 | 0.8133 | | 939 | 1000 | -6.1 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.0941 | 0.0794 | | 844 | 1000 | -15.6 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-946193/1019 Calibration Date: 11/22/2023 15:53

Instrument ID: CVOAMS12 Calib Start Date: 11/22/2023 09:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/22/2023 12:33

Lab File ID: -O11273-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | Ave | 0.2705 | 0.2343 | 0.1000 | 866 | 1000 | -13.4 | 30.0 |
| 2-Butanone (MEK) | Ave | 0.2686 | 0.2617 | 0.0500 | 4870 | 5000 | -2.6 | 30.0 |
| Propionitrile | Ave | 1.587 | 1.440 | | 9070 | 10000 | -9.3 | 30.0 |
| Ethyl acetate | Ave | 2.565 | 2.304 | | 1800 | 2000 | -10.2 | 30.0 |
| Methyl acrylate | Ave | 0.3100 | 0.2464 | | 795 | 1000 | -20.5 | 30.0 |
| Chlorobromomethane | Ave | 0.1220 | 0.1064 | | 872 | 1000 | -12.8 | 30.0 |
| Methacrylonitrile | Ave | 0.1170 | 0.1082 | | 9240 | 10000 | -7.6 | 30.0 |
| Tetrahydrofuran | QuaF | | 0.5239 | | 1770 | 2000 | -11.6 | 30.0 |
| Chloroform | Ave | 0.4508 | 0.4126 | 0.2000 | 915 | 1000 | -8.5 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.3823 | 0.3473 | 0.1000 | 908 | 1000 | -9.2 | 30.0 |
| Cyclohexane | Ave | 0.3048 | 0.2383 | 0.1000 | 782 | 1000 | -21.8 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.3624 | 0.3044 | | 840 | 1000 | -16.0 | 30.0 |
| Carbon tetrachloride | Ave | 0.2867 | 0.2505 | 0.1000 | 874 | 1000 | -12.6 | 30.0 |
| Isobutyl alcohol | Ave | 0.6070 | 0.5684 | | 23400 | 25000 | -6.4 | 30.0 |
| Benzene | Ave | 1.412 | 1.247 | 0.5000 | 884 | 1000 | -11.6 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3778 | 0.3442 | 0.1000 | 911 | 1000 | -8.9 | 30.0 |
| Isooctane | Lin2 | | 0.4331 | | 869 | 1000 | -13.1 | 30.0 |
| Isopropyl acetate | Ave | 0.1019 | 0.0994 | | 975 | 1000 | -2.5 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.7924 | 0.7554 | | 953 | 1000 | -4.7 | 30.0 |
| n-Heptane | Ave | 0.2124 | 0.1471 | | 692 | 1000 | -30.8* | 30.0 |
| n-Butanol | Ave | 0.4417 | 0.3984 | | 22500 | 25000 | -9.8 | 30.0 |
| Trichloroethene | Ave | 0.2845 | 0.2377 | 0.2000 | 836 | 1000 | -16.4 | 30.0 |
| Ethyl acrylate | Ave | 0.3633 | 0.3473 | | 956 | 1000 | -4.4 | 30.0 |
| Methylcyclohexane | Ave | 0.2867 | 0.2311 | 0.1000 | 806 | 1000 | -19.4 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2963 | 0.2752 | 0.1000 | 929 | 1000 | -7.1 | 30.0 |
| Dibromomethane | Ave | 0.1597 | 0.1463 | | 916 | 1000 | -8.4 | 30.0 |
| Methyl methacrylate | Ave | 0.0795 | 0.0733 | | 1840 | 2000 | -7.8 | 30.0 |
| 1,4-Dioxane | Ave | 1.123 | 1.063 | | 18900 | 20000 | -5.3 | 30.0 |
| n-Propyl acetate | Ave | 0.4297 | 0.3884 | | 904 | 1000 | -9.6 | 30.0 |
| Dichlorobromomethane | Ave | 0.3497 | 0.3343 | 0.2000 | 956 | 1000 | -4.4 | 30.0 |
| 2-Nitropropane | Qua2 | | 0.0650 | | 1930 | 2000 | -3.3 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1763 | 0.1650 | | 936 | 1000 | -6.4 | 30.0 |
| Epichlorohydrin | Ave | 0.2870 | 0.2776 | | 967 | 1000 | -3.3 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.5937 | 0.5446 | 0.2000 | 917 | 1000 | -8.3 | 30.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.410 | 2.341 | 0.0500 | 4860 | 5000 | -2.9 | 30.0 |
| Toluene | Ave | 1.600 | 1.352 | 0.4000 | 845 | 1000 | -15.5 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.5837 | 0.5443 | 0.1000 | 933 | 1000 | -6.7 | 30.0 |
| Ethyl methacrylate | Ave | 0.4837 | 0.4540 | | 939 | 1000 | -6.1 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.2826 | 0.2678 | 0.1000 | 948 | 1000 | -5.2 | 30.0 |
| Tetrachloroethene | Ave | 0.2955 | 0.2578 | 0.2000 | 872 | 1000 | -12.8 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.5881 | 0.5534 | | 941 | 1000 | -5.9 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-946193/1019 Calibration Date: 11/22/2023 15:53

Instrument ID: CVOAMS12 Calib Start Date: 11/22/2023 09:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/22/2023 12:33

Lab File ID: -O11273-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | Ave | 1.654 | 1.609 | 0.0500 | 4860 | 5000 | -2.7 | 30.0 |
| Chlorodibromomethane | Ave | 0.2941 | 0.2851 | 0.1000 | 969 | 1000 | -3.1 | 30.0 |
| n-Butyl acetate | Ave | 0.5631 | 0.5282 | | 938 | 1000 | -6.2 | 30.0 |
| Ethylene Dibromide | Ave | 0.3079 | 0.3046 | 0.1000 | 989 | 1000 | -1.1 | 30.0 |
| Chlorobenzene | Ave | 0.9244 | 0.8603 | 0.5000 | 931 | 1000 | -6.9 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.2824 | 0.2798 | | 991 | 1000 | -0.9 | 30.0 |
| Ethylbenzene | Ave | 0.4929 | 0.4498 | 0.1000 | 913 | 1000 | -8.7 | 30.0 |
| m-Xylene & p-Xylene | Ave | 0.5647 | 0.5315 | 0.1000 | 941 | 1000 | -5.9 | 30.0 |
| o-Xylene | Ave | 0.5674 | 0.5297 | 0.3000 | 933 | 1000 | -6.7 | 30.0 |
| Styrene | Ave | 1.008 | 0.9405 | 0.3000 | 933 | 1000 | -6.7 | 30.0 |
| n-Butyl acrylate | Ave | 0.2338 | 0.2146 | | 918 | 1000 | -8.2 | 30.0 |
| Bromoform | Ave | 0.1962 | 0.1772 | 0.1000 | 903 | 1000 | -9.7 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 1.122 | 1.066 | | 950 | 1000 | -5.0 | 30.0 |
| Isopropylbenzene | Ave | 1.324 | 1.283 | 0.1000 | 969 | 1000 | -3.1 | 30.0 |
| Bromobenzene | Ave | 0.7568 | 0.7194 | | 951 | 1000 | -4.9 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8993 | 0.8893 | 0.3000 | 989 | 1000 | -1.1 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.7914 | 0.7723 | | 976 | 1000 | -2.4 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.4033 | 0.3957 | | 981 | 1000 | -1.9 | 30.0 |
| N-Propylbenzene | Ave | 2.970 | 2.886 | | 972 | 1000 | -2.8 | 30.0 |
| 2-Chlorotoluene | Ave | 2.096 | 2.038 | | 972 | 1000 | -2.8 | 30.0 |
| 4-Ethyltoluene | Ave | 2.324 | 2.163 | | 930 | 1000 | -7.0 | 30.0 |
| 4-Chlorotoluene | Ave | 2.343 | 2.263 | | 966 | 1000 | -3.4 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.832 | 1.761 | | 962 | 1000 | -3.8 | 30.0 |
| Butyl Methacrylate | Ave | 0.5880 | 0.6336 | | 1080 | 1000 | 7.8 | 30.0 |
| tert-Butylbenzene | Ave | 1.516 | 1.501 | | 990 | 1000 | -1.0 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.931 | 1.797 | | 931 | 1000 | -6.9 | 30.0 |
| sec-Butylbenzene | Ave | 2.107 | 2.073 | | 984 | 1000 | -1.6 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.247 | 1.239 | 0.6000 | 994 | 1000 | -0.6 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.260 | 1.235 | 0.5000 | 980 | 1000 | -2.0 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.671 | 1.581 | | 946 | 1000 | -5.4 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.048 | 1.943 | | 949 | 1000 | -5.1 | 30.0 |
| Benzyl chloride | Ave | 0.3218 | 0.3118 | | 969 | 1000 | -3.1 | 30.0 |
| Indan | Ave | 2.290 | 2.177 | | 951 | 1000 | -4.9 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.230 | 1.230 | 0.4000 | 999 | 1000 | -0.0 | 30.0 |
| p-Diethylbenzene | Ave | 0.9597 | 0.9316 | | 971 | 1000 | -2.9 | 30.0 |
| n-Butylbenzene | Ave | 0.7763 | 0.7672 | | 988 | 1000 | -1.2 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 1.897 | 1.947 | | 1030 | 1000 | 2.6 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1687 | 0.1669 | 0.0500 | 989 | 1000 | -1.1 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.6261 | 0.6533 | | 1040 | 1000 | 4.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6093 | 0.6770 | 0.2000 | 1110 | 1000 | 11.1 | 30.0 |
| Hexachlorobutadiene | Ave | 0.2083 | 0.2323 | | 1120 | 1000 | 11.6 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-946193/1019  Calibration Date: 11/22/2023 15:53

Instrument ID: CVOAMS12  Calib Start Date: 11/22/2023 09:38

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/22/2023 12:33

Lab File ID: -O11273-ICV.d  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | Ave | 2.183 | 2.365 | | 1080 | 1000 | 8.3 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.5792 | 0.6301 | | 1090 | 1000 | 8.8 | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.1688 | 0.1766 | | 2620 | 2500 | 4.6 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2451 | 0.2524 | | 2570 | 2500 | 3.0 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.017 | 1.080 | | 2650 | 2500 | 6.2 | 30.0 |
| 4-Bromofluorobenzene | Ave | 0.2739 | 0.2826 | | 2580 | 2500 | 3.2 | 30.0 |

Eurofins Environment Testing
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\-O11273-ICV.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 22-Nov-2023 15:53:30 ALS Bottle#: 17 Worklist Smp#: 1019
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS/ICV
Misc. Info.: 460-0169242-019
Operator ID: Instrument ID: CVOAMS12
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 18:48:28 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: W9CM Date: 22-Nov-2023 19:01:02

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 97 | 18146 | 20.0 | 25.9 | |
| 3 Dichlorodifluoromethane | 85 | 1.133 | 1.133 | 0.000 | 100 | 55920 | 20.0 | 15.5 | |
| 5 Chlorodifluoromethane | 67 | 1.178 | 1.167 | 0.011 | 98 | 9806 | 20.0 | 18.4 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 100 | 68334 | 20.0 | 17.2 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 98 | 64783 | 20.0 | 19.3 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 98 | 56375 | 20.0 | 16.0 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 98 | 43284 | 20.0 | 16.0 | |
| 10 Chloroethane | 64 | 1.624 | 1.624 | 0.000 | 100 | 41384 | 20.0 | 18.7 | |
| 11 Dichlorofluoromethane | 67 | 1.761 | 1.761 | 0.000 | 99 | 101243 | 20.0 | 19.1 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.795 | 0.000 | 99 | 72883 | 20.0 | 19.6 | |
| 13 Pentane | 57 | 1.852 | 1.852 | 0.000 | 97 | 12661 | 40.0 | 23.1 | |
| 14 Ethanol | 46 | 1.920 | 1.920 | 0.000 | 98 | 9700 | 800.0 | 816.5 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 94 | 37987 | 20.0 | 16.9 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 97 | 37875 | 20.0 | 19.7 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.012 | 2.012 | 0.000 | 94 | 39482 | 20.0 | 15.5 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 96 | 65328 | 20.0 | 18.6 | |
| 19 Acrolein | 56 | 2.080 | 2.080 | 0.000 | 92 | 7233 | 39.5 | 24.2 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 97 | 31679 | 20.0 | 15.8 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 94 | 39172 | 20.0 | 18.4 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 85 | 16381 | 100.0 | 87.0 | |
| 23 Iodomethane | 142 | 2.263 | 2.263 | 0.000 | 98 | 44601 | 20.0 | 16.5 | |
| 24 Isopropyl alcohol | 45 | 2.286 | 2.286 | 0.000 | 98 | 22365 | 200.0 | 155.2 | |
| 25 Carbon disulfide | 76 | 2.320 | 2.320 | 0.000 | 100 | 76792 | 20.0 | 10.5 | |
| 26 Acetonitrile | 38 | 2.411 | 2.411 | 0.000 | 94 | 17702 | 200.0 | 173.7 | |
| 27 3-Chloro-1-propene | 76 | 2.423 | 2.423 | 0.000 | 89 | 24909 | 20.0 | 17.4 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 100 | 44828 | 40.0 | 33.1 | |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 96 | 74583 | 20.0 | 14.6 | |
| 30 Methylene Chloride | 84 | 2.514 | 2.503 | 0.011 | 94 | 45452 | 20.0 | 16.9 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 213154 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 99 | 45731 | 200.0 | 186.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.685 | 2.685 | 0.000 | 94 | 151197 | 200.0 | 186.8 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.720 | 2.720 | 0.000 | 95 | 36831 | 20.0 | 14.9 | |
| 35 Methyl tert-butyl ether | 73 | 2.720 | 2.720 | 0.000 | 97 | 151717 | 20.0 | 18.8 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 92 | 30289 | 20.0 | 11.6 | |
| 37 1,1-Dichloroethane | 63 | 3.051 | 3.051 | 0.000 | 100 | 84514 | 20.0 | 17.7 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 19244 | 40.0 | 42.5 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 92 | 168779 | 20.0 | 18.1 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.131 | 3.131 | 0.000 | 93 | 42681 | 20.0 | 17.9 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 89 | 163351 | 20.0 | 18.8 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 289397 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 91 | 47054 | 20.0 | 17.3 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 80 | 15950 | 20.0 | 16.9 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 100 | 30294 | 100.0 | 97.4 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 96 | 61394 | 200.0 | 181.5 | |
| 47 Ethyl acetate | 43 | 3.622 | 3.622 | 0.000 | 100 | 106677 | 40.0 | 35.9 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 100 | 49489 | 20.0 | 15.9 | |
| 50 Methacrylonitrile | 67 | 3.759 | 3.759 | 0.001 | 92 | 217221 | 200.0 | 184.8 | |
| 49 Chlorobromomethane | 128 | 3.759 | 3.759 | 0.001 | 96 | 21373 | 20.0 | 17.4 | |
| 51 Tetrahydrofuran | 42 | 3.816 | 3.816 | 0.000 | 94 | 24258 | 40.0 | 35.4 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 98 | 82873 | 20.0 | 18.3 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 96 | 88662 | 50.0 | 52.3 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 98 | 69753 | 20.0 | 18.2 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 93 | 47850 | 20.0 | 15.6 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 93 | 61128 | 20.0 | 16.8 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 81 | 50308 | 20.0 | 17.5 | |
| 61 Isobutyl alcohol | 43 | 4.307 | 4.307 | 0.000 | 98 | 60574 | 500.0 | 468.2 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 126726 | 50.0 | 51.5 | |
| 59 Benzene | 78 | 4.386 | 4.375 | 0.011 | 97 | 190940 | 20.0 | 17.7 | |
| 60 1,2-Dichloroethane | 62 | 4.398 | 4.398 | 0.000 | 97 | 69126 | 20.0 | 18.2 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 94 | 86980 | 20.0 | 17.4 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 97 | 19956 | 20.0 | 19.5 | |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 96 | 151719 | 20.0 | 19.1 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 98 | 502096 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 97 | 29543 | 20.0 | 13.8 | |
| 68 n-Butanol | 56 | 5.014 | 5.014 | 0.000 | 88 | 42460 | 500.0 | 451.0 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 96 | 47742 | 20.0 | 16.7 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 98 | 69761 | 20.0 | 19.1 | |
| 70 Methylcyclohexane | 83 | 5.288 | 5.277 | 0.011 | 96 | 46411 | 20.0 | 16.1 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 93 | 55270 | 20.0 | 18.6 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 33258 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 94 | 29383 | 20.0 | 18.3 | |
| 75 Methyl methacrylate | 100 | 5.471 | 5.471 | 0.000 | 90 | 29433 | 40.0 | 36.9 | |
| 74 1,4-Dioxane | 88 | 5.482 | 5.482 | 0.000 | 91 | 14141 | 400.0 | 378.7 | |
| 76 n-Propyl acetate | 43 | 5.562 | 5.562 | 0.000 | 98 | 78000 | 20.0 | 18.1 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 99 | 67149 | 20.0 | 19.1 | |
| 78 2-Nitropropane | 41 | 5.916 | 5.916 | 0.000 | 99 | 26090 | 40.0 | 38.7 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.030 | 6.030 | 0.000 | 95 | 33144 | 20.0 | 18.7 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 97 | 6428 | 20.0 | 19.3 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.190 | 6.190 | 0.000 | 96 | 83356 | 20.0 | 18.3 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 97 | 270941 | 100.0 | 97.1 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.533 | 6.533 | 0.000 | 98 | 413332 | 50.0 | 53.1 | |
| 84 Toluene | 91 | 6.613 | 6.613 | 0.000 | 93 | 206910 | 20.0 | 16.9 | |

| 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 | 6.921 | 6.921 | 0.000 | 98 | 83312 | 20.0 | 18.7 | |
| 86 Ethyl methacrylate | 69 | 7.092 | 7.092 | 0.000 | 89 | 69498 | 20.0 | 18.8 | |
| 87 1,1,2-Trichloroethane | 83 | 7.161 | 7.161 | 0.000 | 95 | 41000 | 20.0 | 19.0 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 94 | 39457 | 20.0 | 17.4 | |
| 89 1,3-Dichloropropane | 76 | 7.389 | 7.389 | 0.000 | 95 | 84714 | 20.0 | 18.8 | |
| 90 2-Hexanone | 43 | 7.549 | 7.549 | 0.000 | 97 | 186291 | 100.0 | 97.3 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 97 | 43646 | 20.0 | 19.4 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 98 | 80848 | 20.0 | 18.8 | |
| 93 Ethylene Dibromide | 107 | 7.834 | 7.834 | 0.000 | 98 | 46631 | 20.0 | 19.8 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 88 | 382680 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.576 | 8.576 | 0.000 | 93 | 131686 | 20.0 | 18.6 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.713 | 8.713 | 0.000 | 93 | 42827 | 20.0 | 19.8 | |
| 97 Ethylbenzene | 106 | 8.771 | 8.771 | 0.000 | 99 | 68856 | 20.0 | 18.3 | |
| 98 m-Xylene & p-Xylene | 106 | 8.965 | 8.965 | 0.000 | 0 | 81354 | 20.0 | 18.8 | |
| 99 o-Xylene | 106 | 9.570 | 9.570 | 0.000 | 92 | 81078 | 20.0 | 18.7 | |
| 100 Styrene | 104 | 9.593 | 9.593 | 0.000 | 92 | 143969 | 20.0 | 18.7 | |
| 101 n-Butyl acrylate | 73 | 9.615 | 9.615 | 0.000 | 96 | 32856 | 20.0 | 18.4 | |
| 102 Bromoform | 173 | 9.832 | 9.832 | 0.000 | 94 | 27132 | 20.0 | 18.1 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.004 | 10.004 | 0.000 | 90 | 79761 | 20.0 | 19.0 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 96 | 196344 | 20.0 | 19.4 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.392 | 0.000 | 83 | 108141 | 50.0 | 51.6 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 94 | 53809 | 20.0 | 19.0 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 97 | 66522 | 20.0 | 19.8 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 97 | 57768 | 20.0 | 19.5 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 89 | 29599 | 20.0 | 19.6 | |
| 110 N-Propylbenzene | 91 | 10.860 | 10.860 | 0.000 | 98 | 215869 | 20.0 | 19.4 | |
| 111 2-Chlorotoluene | 91 | 10.951 | 10.940 | 0.011 | 96 | 152419 | 20.0 | 19.4 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 98 | 161770 | 20.0 | 18.6 | |
| 113 4-Chlorotoluene | 91 | 11.134 | 11.134 | 0.000 | 99 | 169279 | 20.0 | 19.3 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.168 | 11.168 | 0.000 | 91 | 131752 | 20.0 | 19.2 | |
| 115 Butyl Methacrylate | 87 | 11.374 | 11.374 | 0.000 | 94 | 47394 | 20.0 | 21.6 | |
| 116 tert-Butylbenzene | 119 | 11.579 | 11.579 | 0.000 | 92 | 112277 | 20.0 | 19.8 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.625 | 11.636 | -0.011 | 98 | 134432 | 20.0 | 18.6 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 99 | 155086 | 20.0 | 19.7 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 94 | 92701 | 20.0 | 19.9 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 99 | 187004 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.979 | 0.000 | 98 | 118292 | 20.0 | 18.9 | |
| 121 1,4-Dichlorobenzene | 146 | 11.979 | 11.979 | 0.000 | 95 | 92352 | 20.0 | 19.6 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 99 | 145349 | 20.0 | 19.0 | |
| 124 Benzyl chloride | 126 | 12.116 | 12.116 | 0.000 | 98 | 23322 | 20.0 | 19.4 | |
| 125 2,3-Dihydroindene | 117 | 12.218 | 12.218 | 0.000 | 94 | 162840 | 20.0 | 19.0 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 95 | 91994 | 20.0 | 20.0 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 92 | 69682 | 20.0 | 19.4 | |
| 128 n-Butylbenzene | 92 | 12.333 | 12.333 | 0.000 | 96 | 57387 | 20.0 | 19.8 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 96 | 145603 | 20.0 | 20.5 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.903 | 12.903 | 0.000 | 94 | 12482 | 20.0 | 19.8 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 96 | 48871 | 20.0 | 20.9 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 93 | 50640 | 20.0 | 22.2 | |
| 133 Hexachlorobutadiene | 225 | 13.543 | 13.543 | 0.000 | 95 | 17378 | 20.0 | 22.3 | |
| 134 Naphthalene | 128 | 13.577 | 13.577 | 0.000 | 99 | 176903 | 20.0 | 21.7 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 94 | 47134 | 20.0 | 21.8 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 32.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 40.0 | 37.5 | |
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 90.3 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 7 Freons SS_00008 | Amount Added: | 20.00 | Units: uL | |
| 8260 SP_00172 | Amount Added: | 20.00 | Units: uL | |
| GAS C SP_00541 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN SP_00159 | Amount Added: | 4.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

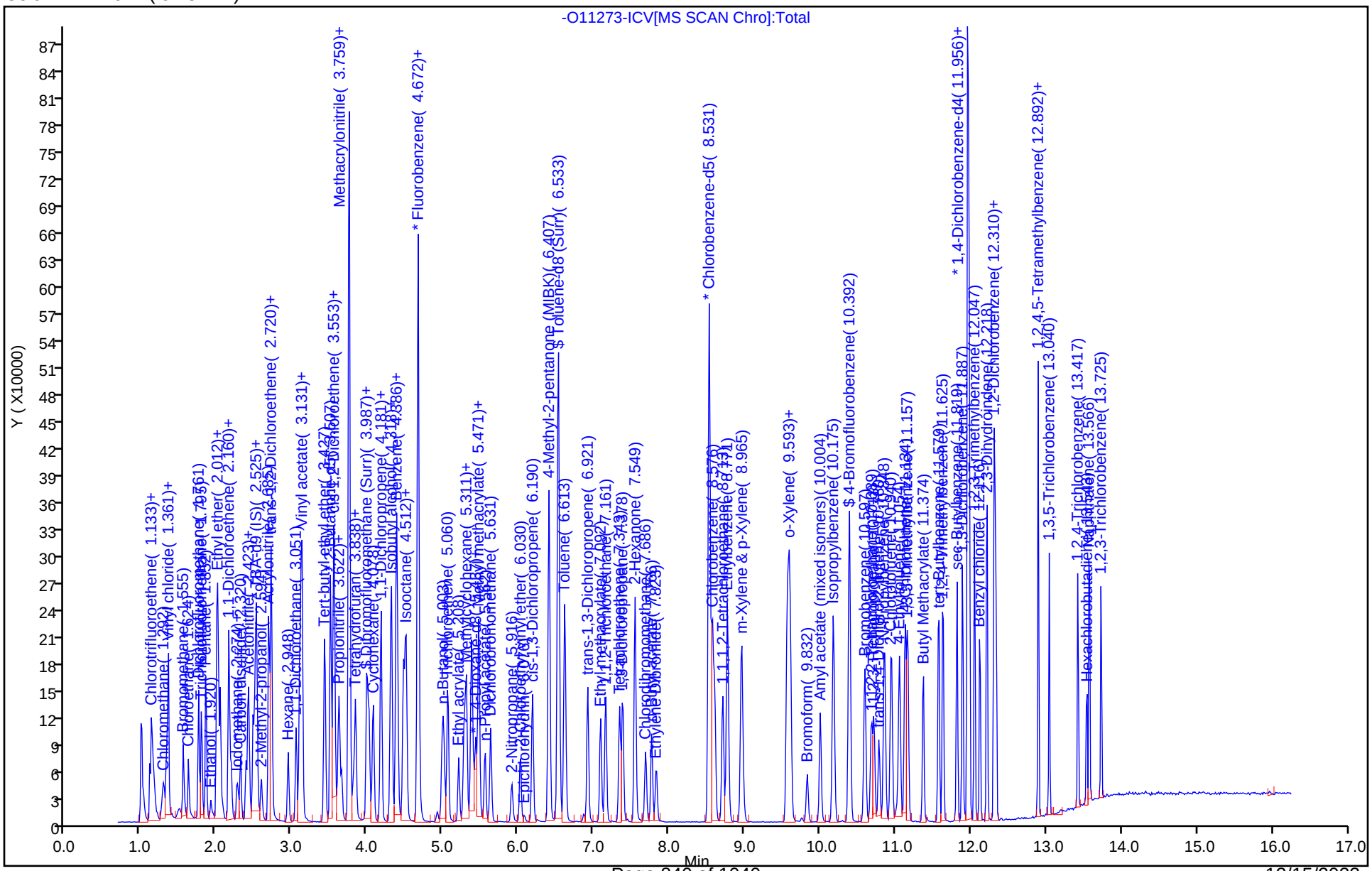
Report Date: 22-Nov-2023 19:01:04 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Environment Testing

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\-O11273-ICV.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Nov-2023 15:53:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | ICV | | | Worklist Smp#: | 1019 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 50.0000 | ALS Bottle#: | 17 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949677/2  Calibration Date: 12/13/2023 10:19

Instrument ID: CVOAMS12  Calib Start Date: 11/22/2023 09:38

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/22/2023 12:33

Lab File ID: O12099.d  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | Ave | 0.6050 | 0.6176 | | 20.4 | 20.0 | 2.1 | 20.0 |
| Dichlorodifluoromethane | Ave | 0.3582 | 0.2989 | 0.1000 | 16.7 | 20.0 | -16.6 | 20.0 |
| Chlorodifluoromethane | Lin | | 0.0534 | | 20.1 | 20.0 | 0.7 | 20.0 |
| Chloromethane | Ave | 0.3967 | 0.3674 | 0.1000 | 18.5 | 20.0 | -7.4 | 20.0 |
| Vinyl chloride | Ave | 0.3335 | 0.3344 | 0.1000 | 20.1 | 20.0 | 0.3 | 20.0 |
| Butadiene | Ave | 0.3515 | 0.3094 | | 17.6 | 20.0 | -12.0 | 20.0 |
| Bromomethane | QuaF | | 0.1666 | 0.1000 | 12.3 | 20.0 | -38.5 | 50.0 |
| Chloroethane | Ave | 0.2209 | 0.2082 | 0.1000 | 18.9 | 20.0 | -5.7 | 50.0 |
| Dichlorofluoromethane | Ave | 0.5276 | 0.5246 | | 19.9 | 20.0 | -0.6 | 20.0 |
| Trichlorofluoromethane | Ave | 0.3700 | 0.3719 | 0.1000 | 20.1 | 20.0 | 0.5 | 20.0 |
| Pentane | Ave | 0.0546 | 0.0643 | | 47.1 | 40.0 | 17.7 | 20.0 |
| Ethanol | Lin2 | | 0.0836 | | 1210 | 800 | 51.1* | 50.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.1913 | 0.1871 | | 19.6 | 20.0 | -2.2 | 20.0 |
| Ethyl ether | Lin2 | | 0.2243 | | 20.1 | 20.0 | 0.5 | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2535 | 0.2628 | | 20.7 | 20.0 | 3.7 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.3499 | 0.3226 | | 18.4 | 20.0 | -7.8 | 20.0 |
| Acrolein | Ave | 1.400 | 1.936 | | 55.3 | 40.0 | 38.3 | 50.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.2115 | 0.2343 | 0.1000 | 22.2 | 20.0 | 10.8 | 20.0 |
| 1,1-Dichloroethene | Ave | 0.1993 | 0.2039 | 0.1000 | 20.5 | 20.0 | 2.3 | 20.0 |
| Acetone | Ave | 0.1627 | 0.1644 | 0.0500 | 101 | 100 | 1.0 | 50.0 |
| Iodomethane | Ave | 0.2700 | 0.2308 | | 17.1 | 20.0 | -14.5 | 20.0 |
| Isopropyl alcohol | Ave | 0.6759 | 0.5833 | | 173 | 200 | -13.7 | 50.0 |
| Carbon disulfide | Ave | 0.7280 | 0.8519 | 0.1000 | 23.4 | 20.0 | 17.0 | 50.0 |
| Acetonitrile | Lin2 | | 0.5921 | | 249 | 200 | 24.5* | 20.0 |
| 3-Chloro-1-propene | Ave | 0.1428 | 0.1461 | | 20.5 | 20.0 | 2.3 | 20.0 |
| Methyl acetate | Ave | 6.357 | 5.665 | 0.1000 | 35.6 | 40.0 | -10.9 | 20.0 |
| Cyclopentene | Ave | 0.5088 | 0.5036 | | 19.8 | 20.0 | -1.0 | 20.0 |
| Methylene Chloride | Ave | 0.2675 | 0.2804 | 0.1000 | 21.0 | 20.0 | 4.8 | 20.0 |
| 2-Methyl-2-propanol | Ave | 1.152 | 1.187 | | 206 | 200 | 3.0 | 50.0 |
| Acrylonitrile | Ave | 0.0806 | 0.0843 | | 209 | 200 | 4.5 | 20.0 |
| Methyl tert-butyl ether | Ave | 0.8040 | 0.8077 | 0.1000 | 20.1 | 20.0 | 0.5 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.2463 | 0.2492 | 0.1000 | 20.2 | 20.0 | 1.2 | 20.0 |
| Hexane | Ave | 0.2601 | 0.2791 | | 21.5 | 20.0 | 7.3 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.4745 | 0.4668 | 0.2000 | 19.7 | 20.0 | -1.6 | 20.0 |
| Vinyl acetate | Ave | 0.3915 | 0.5701 | | 58.3 | 40.0 | 45.6* | 20.0 |
| Isopropyl ether | Ave | 0.9272 | 0.9780 | | 21.1 | 20.0 | 5.5 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2374 | 0.2607 | | 22.0 | 20.0 | 9.8 | 20.0 |
| Tert-butyl ethyl ether | Ave | 0.8664 | 0.8569 | | 19.8 | 20.0 | -1.1 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.0941 | 0.0949 | | 20.2 | 20.0 | 0.8 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949677/2  Calibration Date: 12/13/2023 10:19

Instrument ID: CVOAMS12  Calib Start Date: 11/22/2023 09:38

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/22/2023 12:33

Lab File ID: O12099.d  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | Ave | 0.2705 | 0.2735 | 0.1000 | 20.2 | 20.0 | 1.1 | 20.0 |
| 2-Butanone (MEK) | Ave | 0.2686 | 0.2795 | 0.0500 | 104 | 100 | 4.0 | 50.0 |
| Propionitrile | Ave | 1.587 | 2.017 | | 254 | 200 | 27.1* | 20.0 |
| Ethyl acetate | Ave | 2.565 | 2.670 | | 41.6 | 40.0 | 4.1 | 20.0 |
| Methyl acrylate | Ave | 0.3100 | 0.2692 | | 17.4 | 20.0 | -13.1 | 20.0 |
| Chlorobromomethane | Ave | 0.1220 | 0.1331 | | 21.8 | 20.0 | 9.0 | 20.0 |
| Methacrylonitrile | Ave | 0.1170 | 0.1111 | | 190 | 200 | -5.1 | 20.0 |
| Tetrahydrofuran | QuaF | | 0.5927 | | 40.0 | 40.0 | -0.0 | 20.0 |
| Chloroform | Ave | 0.4508 | 0.4466 | 0.2000 | 19.8 | 20.0 | -0.9 | 20.0 |
| 1,1,1-Trichloroethane | Ave | 0.3823 | 0.3978 | 0.1000 | 20.8 | 20.0 | 4.1 | 20.0 |
| Cyclohexane | Ave | 0.3048 | 0.3511 | 0.1000 | 23.0 | 20.0 | 15.2 | 50.0 |
| 1,1-Dichloropropene | Ave | 0.3624 | 0.3925 | | 21.7 | 20.0 | 8.3 | 20.0 |
| Carbon tetrachloride | Ave | 0.2867 | 0.3192 | 0.1000 | 22.3 | 20.0 | 11.3 | 20.0 |
| Isobutyl alcohol | Ave | 0.6070 | 0.7260 | | 598 | 500 | 19.6 | 50.0 |
| Benzene | Ave | 1.412 | 1.435 | 0.5000 | 20.3 | 20.0 | 1.7 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.3778 | 0.3627 | 0.1000 | 19.2 | 20.0 | -4.0 | 20.0 |
| Isooctane | Lin2 | | 0.5302 | | 21.3 | 20.0 | 6.7 | 20.0 |
| Isopropyl acetate | Ave | 0.1019 | 0.1001 | | 19.7 | 20.0 | -1.7 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.7924 | 0.7684 | | 19.4 | 20.0 | -3.0 | 20.0 |
| n-Heptane | Ave | 0.2124 | 0.2276 | | 21.4 | 20.0 | 7.1 | 20.0 |
| n-Butanol | Ave | 0.4417 | 0.5012 | | 567 | 500 | 13.5 | 50.0 |
| Trichloroethene | Ave | 0.2845 | 0.2823 | 0.2000 | 19.8 | 20.0 | -0.8 | 20.0 |
| Ethyl acrylate | Ave | 0.3633 | 0.3640 | | 20.0 | 20.0 | 0.2 | 20.0 |
| Methylcyclohexane | Ave | 0.2867 | 0.3077 | 0.1000 | 21.5 | 20.0 | 7.3 | 50.0 |
| 1,2-Dichloropropane | Ave | 0.2963 | 0.3100 | 0.1000 | 20.9 | 20.0 | 4.6 | 20.0 |
| Dibromomethane | Ave | 0.1597 | 0.1568 | | 19.6 | 20.0 | -1.8 | 20.0 |
| 1,4-Dioxane | Ave | 1.123 | 1.191 | | 424 | 400 | 6.1 | 50.0 |
| Methyl methacrylate | Ave | 0.0795 | 0.0786 | | 39.5 | 40.0 | -1.1 | 20.0 |
| n-Propyl acetate | Ave | 0.4297 | 0.4248 | | 19.8 | 20.0 | -1.1 | 20.0 |
| Dichlorobromomethane | Ave | 0.3497 | 0.3586 | 0.2000 | 20.5 | 20.0 | 2.5 | 20.0 |
| 2-Nitropropane | Qua2 | | 0.0661 | | 39.4 | 40.0 | -1.6 | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1763 | 0.1561 | | 17.7 | 20.0 | -11.5 | 20.0 |
| Epichlorohydrin | Ave | 0.2870 | 0.2795 | | 389 | 400 | -2.6 | 20.0 |
| cis-1,3-Dichloropropene | Ave | 0.5937 | 0.5992 | 0.2000 | 20.2 | 20.0 | 0.9 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.410 | 2.585 | 0.0500 | 107 | 100 | 7.3 | 50.0 |
| Toluene | Ave | 1.600 | 1.533 | 0.4000 | 19.2 | 20.0 | -4.2 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.5837 | 0.5364 | 0.1000 | 18.4 | 20.0 | -8.1 | 50.0 |
| Ethyl methacrylate | Ave | 0.4837 | 0.4163 | | 17.2 | 20.0 | -13.9 | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.2826 | 0.2658 | 0.1000 | 18.8 | 20.0 | -6.0 | 20.0 |
| Tetrachloroethene | Ave | 0.2955 | 0.3395 | 0.2000 | 23.0 | 20.0 | 14.9 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.5881 | 0.5680 | | 19.3 | 20.0 | -3.4 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949677/2 Calibration Date: 12/13/2023 10:19

Instrument ID: CVOAMS12 Calib Start Date: 11/22/2023 09:38

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/22/2023 12:33

Lab File ID: O12099.d Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | Ave | 1.654 | 1.750 | 0.0500 | 106 | 100 | 5.8 | 50.0 |
| Chlorodibromomethane | Ave | 0.2941 | 0.3138 | 0.1000 | 21.3 | 20.0 | 6.7 | 50.0 |
| n-Butyl acetate | Ave | 0.5631 | 0.5330 | | 18.9 | 20.0 | -5.3 | 20.0 |
| Ethylene Dibromide | Ave | 0.3079 | 0.3314 | 0.1000 | 21.5 | 20.0 | 7.6 | 20.0 |
| Chlorobenzene | Ave | 0.9244 | 0.9457 | 0.5000 | 20.5 | 20.0 | 2.3 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.2824 | 0.2980 | | 21.1 | 20.0 | 5.5 | 20.0 |
| Ethylbenzene | Ave | 0.4929 | 0.5130 | 0.1000 | 20.8 | 20.0 | 4.1 | 20.0 |
| m-Xylene & p-Xylene | Ave | 0.5647 | 0.5936 | 0.1000 | 21.0 | 20.0 | 5.1 | 20.0 |
| o-Xylene | Ave | 0.5674 | 0.5923 | 0.3000 | 20.9 | 20.0 | 4.4 | 20.0 |
| Styrene | Ave | 1.008 | 0.9732 | 0.3000 | 19.3 | 20.0 | -3.5 | 20.0 |
| n-Butyl acrylate | Ave | 0.2338 | 0.1924 | | 16.5 | 20.0 | -17.7 | 20.0 |
| Bromoform | Ave | 0.1962 | 0.2059 | 0.1000 | 21.0 | 20.0 | 4.9 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 1.122 | 0.8668 | | 15.4 | 20.0 | -22.8* | 20.0 |
| Isopropylbenzene | Ave | 1.324 | 1.370 | 0.1000 | 20.7 | 20.0 | 3.5 | 20.0 |
| Bromobenzene | Ave | 0.7568 | 0.7779 | | 20.6 | 20.0 | 2.8 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8993 | 0.8215 | 0.3000 | 18.3 | 20.0 | -8.6 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.7914 | 0.6469 | | 16.3 | 20.0 | -18.3 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.4033 | 0.2918 | | 14.5 | 20.0 | -27.7* | 20.0 |
| N-Propylbenzene | Ave | 2.970 | 2.705 | | 18.2 | 20.0 | -8.9 | 20.0 |
| 2-Chlorotoluene | Ave | 2.096 | 1.885 | | 18.0 | 20.0 | -10.0 | 20.0 |
| 4-Ethyltoluene | Ave | 2.324 | 2.149 | | 18.5 | 20.0 | -7.5 | 20.0 |
| 4-Chlorotoluene | Ave | 2.343 | 2.100 | | 17.9 | 20.0 | -10.4 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.832 | 1.646 | | 18.0 | 20.0 | -10.1 | 20.0 |
| Butyl Methacrylate | Ave | 0.5880 | 0.4538 | | 15.4 | 20.0 | -22.8* | 20.0 |
| tert-Butylbenzene | Ave | 1.516 | 1.463 | | 19.3 | 20.0 | -3.5 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.931 | 1.762 | | 18.2 | 20.0 | -8.8 | 20.0 |
| sec-Butylbenzene | Ave | 2.107 | 1.985 | | 18.8 | 20.0 | -5.8 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.247 | 1.297 | 0.6000 | 20.8 | 20.0 | 4.0 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.260 | 1.325 | 0.5000 | 21.0 | 20.0 | 5.2 | 20.0 |
| 4-Isopropyltoluene | Ave | 1.671 | 1.635 | | 19.6 | 20.0 | -2.2 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.048 | 1.932 | | 18.9 | 20.0 | -5.6 | 20.0 |
| Benzyl chloride | Ave | 0.3218 | 0.3068 | | 19.1 | 20.0 | -4.7 | 50.0 |
| Indan | Ave | 2.290 | 2.246 | | 19.6 | 20.0 | -1.9 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.230 | 1.255 | 0.4000 | 20.4 | 20.0 | 2.0 | 20.0 |
| p-Diethylbenzene | Ave | 0.9597 | 0.9678 | | 20.2 | 20.0 | 0.8 | 20.0 |
| n-Butylbenzene | Ave | 0.7763 | 0.7332 | | 18.9 | 20.0 | -5.6 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 1.897 | 1.892 | | 19.9 | 20.0 | -0.3 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1687 | 0.1709 | 0.0500 | 20.3 | 20.0 | 1.3 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.6261 | 0.7044 | | 22.5 | 20.0 | 12.5 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6093 | 0.7112 | 0.2000 | 23.3 | 20.0 | 16.7 | 20.0 |
| Hexachlorobutadiene | Ave | 0.2083 | 0.2308 | | 22.2 | 20.0 | 10.8 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949677/2  Calibration Date: 12/13/2023 10:19

Instrument ID: CVOAMS12  Calib Start Date: 11/22/2023 09:38

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/22/2023 12:33

Lab File ID: O12099.d  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | Ave | 2.183 | 2.183 | | 20.0 | 20.0 | -0.0 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.5792 | 0.6541 | | 22.6 | 20.0 | 12.9 | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.1688 | 0.1799 | | 53.3 | 50.0 | 6.5 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2451 | 0.2323 | | 47.4 | 50.0 | -5.2 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.017 | 1.031 | | 50.7 | 50.0 | 1.3 | 20.0 |
| 4-Bromofluorobenzene | Ave | 0.2739 | 0.3227 | | 58.9 | 50.0 | 17.8 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12099.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 13-Dec-2023 10:19:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0170088-002
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub36

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 13:29:55 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: NN6A Date: 14-Dec-2023 13:29:55

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 95 | 14737 | 20.0 | 20.4 | |
| 3 Dichlorodifluoromethane | 85 | 1.144 | 1.144 | 0.000 | 99 | 66234 | 20.0 | 16.7 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 98 | 11830 | 20.0 | 20.1 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 100 | 81416 | 20.0 | 18.5 | |
| 7 Vinyl chloride | 62 | 1.338 | 1.338 | 0.000 | 98 | 74120 | 20.0 | 20.1 | |
| 8 Butadiene | 54 | 1.361 | 1.361 | 0.000 | 98 | 68582 | 20.0 | 17.6 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 98 | 36932 | 20.0 | 12.3 | |
| 10 Chloroethane | 64 | 1.623 | 1.623 | 0.000 | 100 | 46147 | 20.0 | 18.9 | |
| 11 Dichlorofluoromethane | 67 | 1.760 | 1.760 | 0.000 | 99 | 116273 | 20.0 | 19.9 | |
| 12 Trichlorofluoromethane | 101 | 1.806 | 1.806 | 0.000 | 98 | 82415 | 20.0 | 20.1 | |
| 13 Pentane | 57 | 1.863 | 1.863 | 0.000 | 97 | 28510 | 40.0 | 47.1 | |
| 14 Ethanol | 46 | 1.920 | 1.920 | 0.000 | 98 | 11647 | 800.0 | 1208.8 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 95 | 49706 | 20.0 | 20.1 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 97 | 41461 | 20.0 | 19.6 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.023 | 2.023 | 0.000 | 97 | 58238 | 20.0 | 20.7 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 96 | 71488 | 20.0 | 18.4 | |
| 19 Acrolein | 56 | 2.091 | 2.091 | 0.000 | 94 | 13477 | 40.0 | 55.3 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 98 | 45200 | 20.0 | 20.5 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 97 | 51929 | 20.0 | 22.2 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 86 | 19608 | 100.0 | 101.0 | |
| 23 Iodomethane | 142 | 2.274 | 2.274 | 0.000 | 98 | 51159 | 20.0 | 17.1 | |
| 24 Isopropyl alcohol | 45 | 2.285 | 2.285 | 0.000 | 98 | 20305 | 200.0 | 172.6 | |
| 25 Carbon disulfide | 76 | 2.320 | 2.320 | 0.000 | 99 | 188804 | 20.0 | 23.4 | |
| 26 Acetonitrile | 38 | 2.411 | 2.411 | 0.000 | 97 | 20611 | 200.0 | 249.1 | |
| 27 3-Chloro-1-propene | 76 | 2.422 | 2.422 | 0.000 | 90 | 32388 | 20.0 | 20.5 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 100 | 39442 | 40.0 | 35.6 | |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 95 | 111615 | 20.0 | 19.8 | |
| 30 Methylene Chloride | 84 | 2.514 | 2.514 | 0.000 | 94 | 62136 | 20.0 | 21.0 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 174057 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.594 | 2.594 | 0.000 | 99 | 41321 | 200.0 | 206.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 2.685 | 2.685 | 0.000 | 94 | 186766 | 200.0 | 209.1 | |
| 34 trans-1,2-Dichloroethene | 96 | 2.719 | 2.719 | 0.000 | 93 | 55229 | 20.0 | 20.2 | |
| 35 Methyl tert-butyl ether | 73 | 2.719 | 2.719 | 0.000 | 98 | 179017 | 20.0 | 20.1 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 94 | 61852 | 20.0 | 21.5 | |
| 37 1,1-Dichloroethane | 63 | 3.050 | 3.050 | 0.000 | 99 | 103449 | 20.0 | 19.7 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 27205 | 40.0 | 58.3 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 89 | 216743 | 20.0 | 21.1 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.130 | 3.130 | 0.000 | 92 | 57776 | 20.0 | 22.0 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 89 | 189922 | 20.0 | 19.8 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 298253 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.553 | 3.553 | 0.000 | 93 | 60609 | 20.0 | 20.2 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 83 | 21022 | 20.0 | 20.2 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 99 | 33341 | 100.0 | 104.0 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 95 | 70221 | 200.0 | 254.2 | |
| 47 Ethyl acetate | 43 | 3.621 | 3.621 | 0.000 | 99 | 127409 | 40.0 | 41.6 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 99 | 59673 | 20.0 | 17.4 | |
| 50 Methacrylonitrile | 67 | 3.758 | 3.758 | 0.000 | 94 | 246164 | 200.0 | 189.8 | |
| 49 Chlorobromomethane | 128 | 3.758 | 3.758 | 0.000 | 95 | 29493 | 20.0 | 21.8 | |
| 51 Tetrahydrofuran | 42 | 3.815 | 3.815 | 0.000 | 85 | 28285 | 40.0 | 40.0 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 98 | 98980 | 20.0 | 19.8 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 96 | 99661 | 50.0 | 53.3 | |
| 54 1,1,1-Trichloroethane | 97 | 4.021 | 4.021 | 0.000 | 98 | 88170 | 20.0 | 20.8 | |
| 55 Cyclohexane | 84 | 4.078 | 4.078 | 0.000 | 93 | 77824 | 20.0 | 23.0 | |
| 57 1,1-Dichloropropene | 75 | 4.181 | 4.181 | 0.000 | 94 | 86991 | 20.0 | 21.7 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 82 | 70748 | 20.0 | 22.3 | |
| 61 Isobutyl alcohol | 43 | 4.306 | 4.306 | 0.000 | 97 | 63183 | 500.0 | 598.1 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 128737 | 50.0 | 47.4 | |
| 59 Benzene | 78 | 4.375 | 4.375 | 0.000 | 97 | 256907 | 20.0 | 20.3 | |
| 60 1,2-Dichloroethane | 62 | 4.386 | 4.386 | 0.000 | 95 | 80374 | 20.0 | 19.2 | |
| 63 Isopropyl acetate | 61 | 4.478 | 4.478 | 0.000 | 98 | 22185 | 20.0 | 19.7 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 95 | 117508 | 20.0 | 21.3 | |
| 64 Tert-amyl methyl ether | 73 | 4.512 | 4.512 | 0.000 | 96 | 170291 | 20.0 | 19.4 | |
| * 65 Fluorobenzene | 96 | 4.672 | 4.672 | 0.000 | 99 | 554067 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 95 | 50437 | 20.0 | 21.4 | |
| 68 n-Butanol | 56 | 5.014 | 5.014 | 0.000 | 88 | 43618 | 500.0 | 567.3 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 98 | 62575 | 20.0 | 19.8 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 98 | 80674 | 20.0 | 20.0 | |
| 70 Methylcyclohexane | 83 | 5.277 | 5.277 | 0.000 | 97 | 68194 | 20.0 | 21.5 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 93 | 68695 | 20.0 | 20.9 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 38118 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 97 | 34745 | 20.0 | 19.6 | |
| 75 Methyl methacrylate | 100 | 5.471 | 5.471 | 0.000 | 93 | 34825 | 40.0 | 39.5 | |
| 74 1,4-Dioxane | 88 | 5.471 | 5.471 | 0.000 | 32 | 18157 | 400.0 | 424.3 | |
| 76 n-Propyl acetate | 43 | 5.551 | 5.551 | 0.000 | 99 | 94157 | 20.0 | 19.8 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 99 | 79479 | 20.0 | 20.5 | |
| 78 2-Nitropropane | 41 | 5.905 | 5.905 | 0.000 | 99 | 29307 | 40.0 | 39.4 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.019 | 6.019 | 0.000 | 95 | 34685 | 20.0 | 17.7 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 99 | 133361 | 400.0 | 389.4 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.179 | 6.179 | 0.000 | 94 | 107252 | 20.0 | 20.2 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 98 | 308352 | 100.0 | 107.3 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.521 | 6.521 | 0.000 | 99 | 461335 | 50.0 | 50.7 | |
| 84 Toluene | 91 | 6.612 | 6.612 | 0.000 | 93 | 274351 | 20.0 | 19.2 | |

| 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 | 6.921 | 6.921 | 0.000 | 99 | 96004 | 20.0 | 18.4 | |
| 86 Ethyl methacrylate | 69 | 7.092 | 7.092 | 0.000 | 91 | 74512 | 20.0 | 17.2 | |
| 87 1,1,2-Trichloroethane | 83 | 7.149 | 7.149 | 0.000 | 94 | 47570 | 20.0 | 18.8 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 99 | 60765 | 20.0 | 23.0 | |
| 89 1,3-Dichloropropane | 76 | 7.377 | 7.377 | 0.000 | 96 | 101665 | 20.0 | 19.3 | |
| 90 2-Hexanone | 43 | 7.537 | 7.537 | 0.000 | 98 | 208793 | 100.0 | 105.8 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 99 | 56167 | 20.0 | 21.3 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 98 | 95398 | 20.0 | 18.9 | |
| 93 Ethylene Dibromide | 107 | 7.823 | 7.823 | 0.000 | 99 | 59307 | 20.0 | 21.5 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 86 | 447459 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.565 | 8.565 | 0.000 | 94 | 169263 | 20.0 | 20.5 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.702 | 8.702 | 0.000 | 95 | 53342 | 20.0 | 21.1 | |
| 97 Ethylbenzene | 106 | 8.770 | 8.770 | 0.000 | 98 | 91813 | 20.0 | 20.8 | |
| 98 m-Xylene & p-Xylene | 106 | 8.953 | 8.953 | 0.000 | 0 | 106253 | 20.0 | 21.0 | |
| 99 o-Xylene | 106 | 9.558 | 9.558 | 0.000 | 94 | 106006 | 20.0 | 20.9 | |
| 100 Styrene | 104 | 9.592 | 9.592 | 0.000 | 93 | 174184 | 20.0 | 19.3 | |
| 101 n-Butyl acrylate | 73 | 9.604 | 9.604 | 0.000 | 97 | 34441 | 20.0 | 16.5 | |
| 102 Bromoform | 173 | 9.821 | 9.821 | 0.000 | 97 | 36850 | 20.0 | 21.0 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.003 | 10.003 | 0.000 | 90 | 83725 | 20.0 | 15.4 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 96 | 245216 | 20.0 | 20.7 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.391 | 10.391 | 0.000 | 91 | 144403 | 50.0 | 58.9 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 97 | 75139 | 20.0 | 20.6 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 98 | 79350 | 20.0 | 18.3 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 97 | 62488 | 20.0 | 16.3 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 89 | 28180 | 20.0 | 14.5 | |
| 110 N-Propylbenzene | 91 | 10.848 | 10.848 | 0.000 | 99 | 261288 | 20.0 | 18.2 | |
| 111 2-Chlorotoluene | 91 | 10.940 | 10.940 | 0.000 | 97 | 182078 | 20.0 | 18.0 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 99 | 207610 | 20.0 | 18.5 | |
| 113 4-Chlorotoluene | 91 | 11.122 | 11.122 | 0.000 | 98 | 202802 | 20.0 | 17.9 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.156 | 11.156 | 0.000 | 93 | 159012 | 20.0 | 18.0 | |
| 115 Butyl Methacrylate | 87 | 11.362 | 11.362 | 0.000 | 95 | 43830 | 20.0 | 15.4 | |
| 116 tert-Butylbenzene | 119 | 11.567 | 11.567 | 0.000 | 94 | 141310 | 20.0 | 19.3 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.625 | 11.625 | 0.000 | 97 | 170189 | 20.0 | 18.2 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 99 | 191696 | 20.0 | 18.8 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 96 | 125242 | 20.0 | 20.8 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 97 | 241473 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.978 | 11.978 | 0.000 | 98 | 157883 | 20.0 | 19.6 | |
| 121 1,4-Dichlorobenzene | 146 | 11.978 | 11.978 | 0.000 | 96 | 128019 | 20.0 | 21.0 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 98 | 186645 | 20.0 | 18.9 | |
| 124 Benzyl chloride | 126 | 12.115 | 12.115 | 0.000 | 99 | 29636 | 20.0 | 19.1 | |
| 125 2,3-Dihydroindene | 117 | 12.207 | 12.207 | 0.000 | 94 | 216933 | 20.0 | 19.6 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 97 | 121184 | 20.0 | 20.4 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 93 | 93480 | 20.0 | 20.2 | |
| 128 n-Butylbenzene | 92 | 12.332 | 12.332 | 0.000 | 97 | 70816 | 20.0 | 18.9 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 97 | 182723 | 20.0 | 19.9 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.892 | 12.892 | 0.000 | 89 | 16505 | 20.0 | 20.3 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 98 | 68042 | 20.0 | 22.5 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 93 | 68692 | 20.0 | 23.3 | |
| 133 Hexachlorobutadiene | 225 | 13.531 | 13.531 | 0.000 | 91 | 22290 | 20.0 | 22.2 | |
| 134 Naphthalene | 128 | 13.565 | 13.565 | 0.000 | 99 | 210880 | 20.0 | 20.0 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 96 | 63180 | 20.0 | 22.6 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 40.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 138 Xylenes, Total | 100 | | | | 0 | | 40.0 | 41.9 | |
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 102.2 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00180 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 20.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

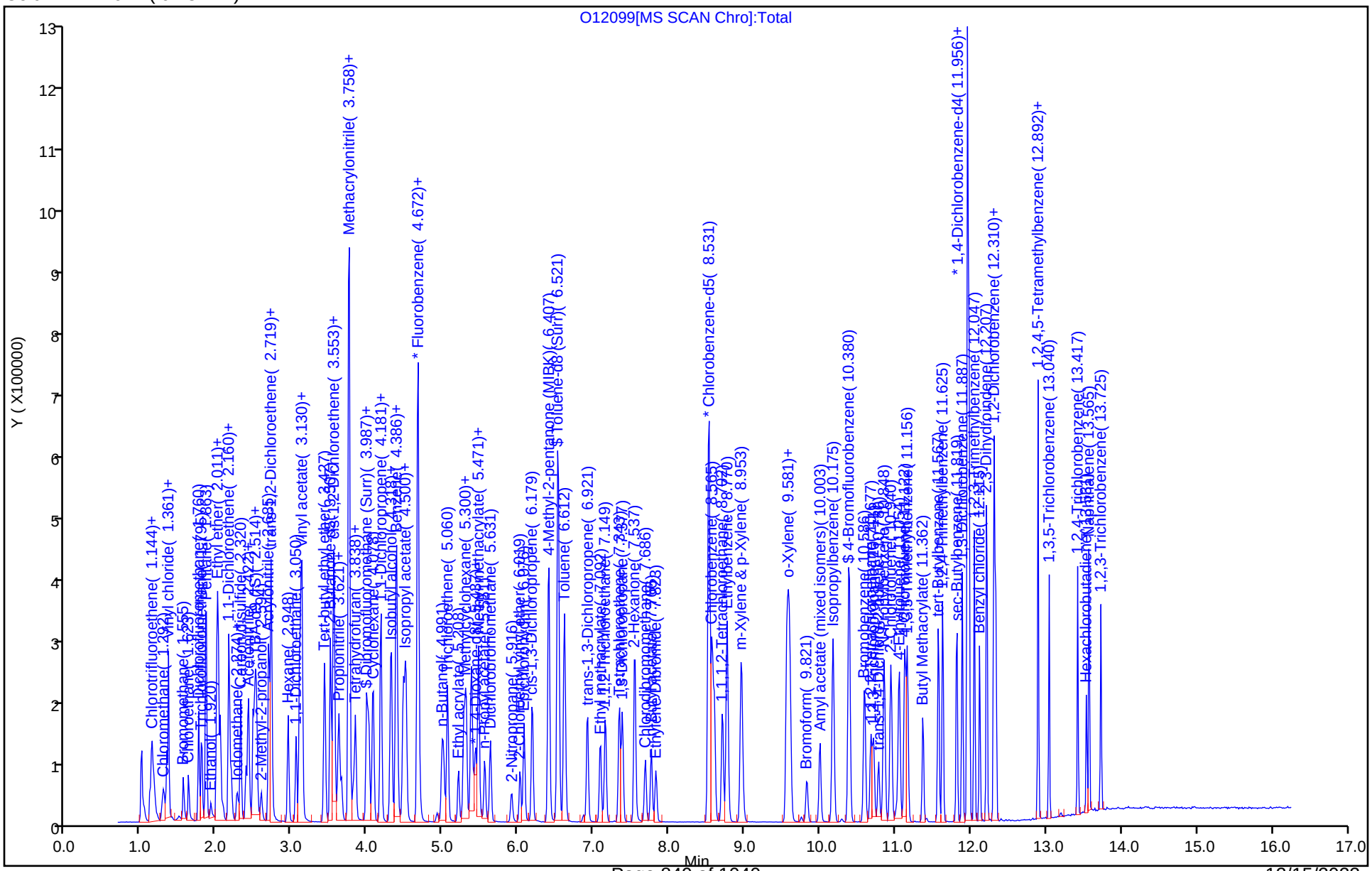
Report Date: 14-Dec-2023 13:29:56 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12099.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 10:19:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-945184/16 Calibration Date: 11/17/2023 01:56

Instrument ID: CVOAMS2 Calib Start Date: 11/16/2023 20:36

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/16/2023 22:39

Lab File ID: B10156.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorodifluoromethane | QuaF | | 0.0550 | | 20.0 | 20.0 | -0.0 | 30.0 |
| Dichlorodifluoromethane | QuaF | | 0.2916 | 0.1000 | 18.5 | 20.0 | -7.3 | 30.0 |
| Chloromethane | Ave | 0.3545 | 0.3708 | 0.1000 | 20.9 | 20.0 | 4.6 | 30.0 |
| Butadiene | Ave | 0.2696 | 0.2688 | | 19.9 | 20.0 | -0.3 | 30.0 |
| Vinyl chloride | Ave | 0.3347 | 0.3355 | 0.1000 | 20.0 | 20.0 | 0.2 | 30.0 |
| Bromomethane | Ave | 0.1900 | 0.2061 | 0.1000 | 21.7 | 20.0 | 8.5 | 30.0 |
| Chloroethane | Ave | 0.1815 | 0.1995 | 0.1000 | 22.0 | 20.0 | 10.0 | 30.0 |
| Dichlorofluoromethane | QuaF | | 0.3228 | | 17.1 | 20.0 | -14.3 | 30.0 |
| Trichlorofluoromethane | Ave | 0.2747 | 0.2817 | 0.1000 | 20.5 | 20.0 | 2.5 | 30.0 |
| Pentane | Ave | 0.4330 | 0.3760 | | 34.7 | 40.0 | -13.2 | 30.0 |
| Ethanol | Ave | 0.0577 | 0.0566 | | 786 | 800 | -1.8 | 30.0 |
| Ethyl ether | Ave | 0.2162 | 0.2070 | | 19.2 | 20.0 | -4.2 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2371 | 0.2326 | | 19.6 | 20.0 | -1.9 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.1918 | 0.2152 | | 22.4 | 20.0 | 12.2 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.3307 | 0.3869 | | 23.4 | 20.0 | 17.0 | 30.0 |
| Acrolein | Ave | 1.358 | 1.051 | | 229 | 296 | -22.6 | 30.0 |
| 1,1-Dichloroethene | Ave | 0.1954 | 0.2002 | 0.1000 | 20.5 | 20.0 | 2.5 | 30.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.2223 | 0.2360 | 0.1000 | 21.2 | 20.0 | 6.1 | 30.0 |
| Acetone | Ave | 0.7552 | 0.6066 | 0.0500 | 80.3 | 100 | -19.7 | 30.0 |
| Iodomethane | Ave | 0.3720 | 0.3396 | | 18.3 | 20.0 | -8.7 | 30.0 |
| Carbon disulfide | Ave | 0.7192 | 0.4805 | 0.1000 | 13.4 | 20.0 | -33.2* | 30.0 |
| Isopropyl alcohol | Ave | 0.6412 | 0.5707 | | 178 | 200 | -11.0 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.3651 | 0.3653 | | 20.0 | 20.0 | 0.0 | 30.0 |
| Methyl acetate | Ave | 0.1672 | 0.1779 | 0.1000 | 42.6 | 40.0 | 6.4 | 30.0 |
| Acetonitrile | Ave | 0.5610 | 0.4871 | | 174 | 200 | -13.2 | 30.0 |
| Methylene Chloride | Ave | 0.2536 | 0.2444 | 0.1000 | 19.3 | 20.0 | -3.6 | 30.0 |
| 2-Methyl-2-propanol | Ave | 1.132 | 1.153 | | 204 | 200 | 1.9 | 30.0 |
| Acrylonitrile | Ave | 2.839 | 2.642 | | 186 | 200 | -6.9 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.2339 | 0.2212 | 0.1000 | 18.9 | 20.0 | -5.4 | 30.0 |
| Methyl tert-butyl ether | Ave | 0.6442 | 0.6515 | 0.1000 | 20.2 | 20.0 | 1.1 | 30.0 |
| Hexane | Ave | 0.3884 | 0.2992 | | 15.4 | 20.0 | -23.0 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.4916 | 0.4791 | 0.2000 | 19.5 | 20.0 | -2.5 | 30.0 |
| Vinyl acetate | Ave | 0.3949 | 0.3375 | | 34.2 | 40.0 | -14.5 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2228 | 0.2207 | | 19.8 | 20.0 | -1.0 | 30.0 |
| Isopropyl ether | Ave | 0.8833 | 0.8763 | | 19.8 | 20.0 | -0.8 | 30.0 |
| Tert-butyl ethyl ether | Ave | 0.2768 | 0.2901 | | 21.0 | 20.0 | 4.8 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 0.2595 | 0.2594 | 0.1000 | 20.0 | 20.0 | -0.0 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.1239 | 0.1202 | | 19.4 | 20.0 | -3.0 | 30.0 |
| 2-Butanone (MEK) | Ave | 0.2673 | 0.2354 | 0.0500 | 88.1 | 100 | -11.9 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-945184/16 Calibration Date: 11/17/2023 01:56

Instrument ID: CVOAMS2 Calib Start Date: 11/16/2023 20:36

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/16/2023 22:39

Lab File ID: B10156.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propionitrile | Ave | 0.2864 | 0.2803 | | 196 | 200 | -2.1 | 30.0 |
| Ethyl acetate | Ave | 2.346 | 2.164 | | 36.9 | 40.0 | -7.8 | 30.0 |
| Methyl acrylate | Ave | 0.2419 | 0.2535 | | 21.0 | 20.0 | 4.8 | 30.0 |
| Chlorobromomethane | Ave | 0.1164 | 0.1146 | | 19.7 | 20.0 | -1.5 | 30.0 |
| Methacrylonitrile | Ave | 0.0870 | 0.0904 | | 208 | 200 | 3.9 | 30.0 |
| Tetrahydrofuran | Ave | 0.7271 | 0.6836 | | 37.6 | 40.0 | -6.0 | 30.0 |
| Chloroform | Ave | 0.4377 | 0.4427 | 0.2000 | 20.2 | 20.0 | 1.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.3884 | 0.3803 | 0.1000 | 19.6 | 20.0 | -2.1 | 30.0 |
| Cyclohexane | Ave | 0.3605 | 0.3215 | 0.1000 | 17.8 | 20.0 | -10.8 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.3501 | 0.3203 | | 18.3 | 20.0 | -8.5 | 30.0 |
| Carbon tetrachloride | Ave | 0.3262 | 0.3042 | 0.1000 | 18.7 | 20.0 | -6.7 | 30.0 |
| Benzene | Ave | 1.253 | 1.178 | 0.5000 | 18.8 | 20.0 | -6.0 | 30.0 |
| Isobutyl alcohol | Ave | 0.2890 | 0.2782 | | 481 | 500 | -3.7 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3419 | 0.3344 | 0.1000 | 19.6 | 20.0 | -2.2 | 30.0 |
| Isopropyl acetate | Ave | 0.0876 | 0.0863 | | 19.7 | 20.0 | -1.5 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.6742 | 0.7180 | | 21.3 | 20.0 | 6.5 | 30.0 |
| n-Heptane | Ave | 0.4359 | 0.3418 | | 15.7 | 20.0 | -21.6 | 30.0 |
| Trichloroethene | Ave | 0.2505 | 0.2424 | 0.2000 | 19.4 | 20.0 | -3.2 | 30.0 |
| n-Butanol | Ave | 0.1492 | 0.1536 | | 515 | 500 | 2.9 | 30.0 |
| Ethyl acrylate | Ave | 0.6409 | 0.6421 | | 20.0 | 20.0 | 0.2 | 30.0 |
| Methylcyclohexane | Ave | 0.4341 | 0.4061 | 0.1000 | 18.7 | 20.0 | -6.4 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2728 | 0.2737 | 0.1000 | 20.1 | 20.0 | 0.3 | 30.0 |
| Dibromomethane | Ave | 0.1460 | 0.1446 | | 19.8 | 20.0 | -0.9 | 30.0 |
| 1,4-Dioxane | Ave | 1.034 | 1.182 | | 457 | 400 | 14.3 | 30.0 |
| Methyl methacrylate | Ave | 0.0583 | 0.0599 | | 41.1 | 40.0 | 2.6 | 30.0 |
| n-Propyl acetate | Ave | 0.3425 | 0.3486 | | 20.4 | 20.0 | 1.8 | 30.0 |
| Dichlorobromomethane | Ave | 0.3222 | 0.3199 | 0.2000 | 19.9 | 20.0 | -0.7 | 30.0 |
| 2-Nitropropane | Ave | 0.0637 | 0.0657 | | 41.2 | 40.0 | 3.1 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.0723 | 0.0642 | | 17.8 | 20.0 | -11.2 | 30.0 |
| Epichlorohydrin | Ave | 0.2059 | 0.2279 | | 22.1 | 20.0 | 10.7 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.5210 | 0.4665 | 0.2000 | 17.9 | 20.0 | -10.5 | 30.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.252 | 2.225 | 0.0500 | 98.8 | 100 | -1.2 | 30.0 |
| Toluene | Ave | 1.350 | 1.277 | 0.4000 | 18.9 | 20.0 | -5.4 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4594 | 0.4528 | 0.1000 | 19.7 | 20.0 | -1.5 | 30.0 |
| Ethyl methacrylate | Ave | 0.3085 | 0.3146 | | 20.4 | 20.0 | 2.0 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.2110 | 0.2169 | 0.1000 | 20.6 | 20.0 | 2.8 | 30.0 |
| Tetrachloroethene | Ave | 0.2990 | 0.2839 | 0.2000 | 19.0 | 20.0 | -5.1 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.4396 | 0.4376 | | 19.9 | 20.0 | -0.5 | 30.0 |
| 2-Hexanone | Ave | 1.640 | 1.537 | 0.0500 | 93.7 | 100 | -6.3 | 30.0 |
| Chlorodibromomethane | Ave | 0.2701 | 0.2590 | 0.1000 | 19.2 | 20.0 | -4.1 | 30.0 |
| Ethylene Dibromide | Ave | 0.2495 | 0.2342 | 0.1000 | 18.8 | 20.0 | -6.1 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-945184/16  Calibration Date: 11/17/2023 01:56

Instrument ID: CVOAMS2  Calib Start Date: 11/16/2023 20:36

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/16/2023 22:39

Lab File ID: B10156.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| n-Butyl acetate | Ave | 0.4900 | 0.4948 | | 20.2 | 20.0 | 1.0 | 30.0 |
| Chlorobenzene | Ave | 0.8050 | 0.8028 | 0.5000 | 19.9 | 20.0 | -0.3 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.2882 | 0.2908 | | 20.2 | 20.0 | 0.9 | 30.0 |
| Ethylbenzene | Ave | 0.4565 | 0.4472 | 0.1000 | 19.6 | 20.0 | -2.0 | 30.0 |
| m-Xylene & p-Xylene | Ave | 0.5614 | 0.5394 | 0.1000 | 19.2 | 20.0 | -3.9 | 30.0 |
| o-Xylene | Ave | 0.5485 | 0.5407 | 0.3000 | 19.7 | 20.0 | -1.4 | 30.0 |
| Styrene | Ave | 0.9241 | 0.9126 | 0.3000 | 19.8 | 20.0 | -1.2 | 30.0 |
| n-Butyl acrylate | Ave | 0.2318 | 0.2238 | | 19.3 | 20.0 | -3.5 | 30.0 |
| Bromoform | Ave | 0.1767 | 0.1614 | 0.1000 | 18.3 | 20.0 | -8.6 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 1.095 | 1.048 | | 19.1 | 20.0 | -4.4 | 30.0 |
| Isopropylbenzene | Ave | 1.411 | 1.440 | 0.1000 | 20.4 | 20.0 | 2.0 | 30.0 |
| Bromobenzene | Ave | 0.6112 | 0.6552 | | 21.4 | 20.0 | 7.2 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6083 | 0.6578 | 0.3000 | 21.6 | 20.0 | 8.1 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1654 | 0.1712 | | 20.7 | 20.0 | 3.5 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.1966 | 0.2157 | | 21.9 | 20.0 | 9.7 | 30.0 |
| N-Propylbenzene | Ave | 0.7263 | 0.7204 | | 19.8 | 20.0 | -0.8 | 30.0 |
| 2-Chlorotoluene | Ave | 0.6263 | 0.6326 | | 20.2 | 20.0 | 1.0 | 30.0 |
| 4-Ethyltoluene | Ave | 2.643 | 2.613 | | 19.8 | 20.0 | -1.1 | 30.0 |
| 4-Chlorotoluene | Ave | 2.282 | 2.259 | | 19.8 | 20.0 | -1.0 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.269 | 2.284 | | 20.1 | 20.0 | 0.7 | 30.0 |
| Butyl Methacrylate | Ave | 0.7521 | 0.7324 | | 19.5 | 20.0 | -2.6 | 30.0 |
| tert-Butylbenzene | Ave | 1.863 | 1.926 | | 20.7 | 20.0 | 3.4 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 2.356 | 2.310 | | 19.6 | 20.0 | -1.9 | 30.0 |
| sec-Butylbenzene | Ave | 2.877 | 2.998 | | 20.8 | 20.0 | 4.2 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.198 | 1.200 | 0.6000 | 20.0 | 20.0 | 0.2 | 30.0 |
| 4-Isopropyltoluene | Ave | 2.484 | 2.458 | | 19.8 | 20.0 | -1.1 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.221 | 1.223 | 0.5000 | 20.0 | 20.0 | 0.2 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.381 | 2.384 | | 20.0 | 20.0 | 0.1 | 30.0 |
| Benzyl chloride | Ave | 0.2441 | 0.2271 | | 18.6 | 20.0 | -6.9 | 30.0 |
| Indan | Ave | 0.9216 | 0.9287 | | 20.2 | 20.0 | 0.8 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.129 | 1.157 | 0.4000 | 20.5 | 20.0 | 2.5 | 30.0 |
| p-Diethylbenzene | Ave | 1.508 | 1.502 | | 19.9 | 20.0 | -0.4 | 30.0 |
| n-Butylbenzene | Ave | 1.395 | 1.371 | | 19.7 | 20.0 | -1.7 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 2.327 | 2.316 | | 19.9 | 20.0 | -0.5 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1252 | 0.1244 | 0.0500 | 19.9 | 20.0 | -0.6 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.9712 | 0.9144 | | 18.8 | 20.0 | -5.8 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.9130 | 0.8348 | 0.2000 | 18.3 | 20.0 | -8.6 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4638 | 0.4947 | | 21.3 | 20.0 | 6.6 | 30.0 |
| Naphthalene | Ave | 1.925 | 1.957 | | 20.3 | 20.0 | 1.7 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.8151 | 0.7838 | | 19.2 | 20.0 | -3.8 | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2888 | 0.2891 | | 50.0 | 50.0 | 0.1 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-945184/16  Calibration Date: 11/17/2023 01:56

Instrument ID: CVOAMS2  Calib Start Date: 11/16/2023 20:36

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/16/2023 22:39

Lab File ID: B10156.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.3405 | 0.3495 | | 51.3 | 50.0 | 2.7 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.582 | 1.537 | | 48.6 | 50.0 | -2.8 | 30.0 |
| 4-Bromofluorobenzene | Ave | 0.8061 | 0.8098 | | 50.2 | 50.0 | 0.5 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10156.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Nov-2023 01:56:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0169014-016
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Nov-2023 11:51:55 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: PUV6 Date: 17-Nov-2023 07:52:55

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.910 | 0.904 | 0.006 | 96 | 74468 | 20.0 | 18.5 | |
| 4 Chlorodifluoromethane | 67 | 0.910 | 0.910 | 0.000 | 96 | 14040 | 20.0 | 20.0 | |
| 5 Chloromethane | 50 | 1.008 | 1.002 | 0.006 | 99 | 94688 | 20.0 | 20.9 | |
| 6 Butadiene | 54 | 1.081 | 1.075 | 0.006 | 96 | 68660 | 20.0 | 19.9 | |
| 7 Vinyl chloride | 62 | 1.087 | 1.075 | 0.012 | 95 | 85683 | 20.0 | 20.0 | |
| 8 Bromomethane | 94 | 1.270 | 1.264 | 0.006 | 97 | 52638 | 20.0 | 21.7 | |
| 9 Chloroethane | 64 | 1.325 | 1.319 | 0.006 | 100 | 50953 | 20.0 | 22.0 | |
| 10 Dichlorofluoromethane | 67 | 1.459 | 1.453 | 0.006 | 99 | 82430 | 20.0 | 17.1 | |
| 11 Trichlorofluoromethane | 101 | 1.489 | 1.483 | 0.006 | 98 | 71947 | 20.0 | 20.5 | |
| 12 Pentane | 43 | 1.532 | 1.526 | 0.006 | 97 | 192060 | 40.0 | 34.7 | |
| 13 Ethyl ether | 59 | 1.672 | 1.666 | 0.006 | 61 | 52878 | 20.0 | 19.2 | |
| 14 Ethanol | 46 | 1.672 | 1.666 | 0.006 | 53 | 17686 | 800.0 | 785.9 | |
| 15 2-Methyl-1,3-butadiene | 53 | 1.685 | 1.679 | 0.005 | 95 | 59407 | 20.0 | 19.6 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.697 | 1.703 | -0.006 | 80 | 54947 | 20.0 | 22.4 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.739 | 1.733 | 0.006 | 65 | 98809 | 20.0 | 23.4 | a |
| 18 Acrolein | 56 | 1.758 | 1.752 | 0.006 | 97 | 121530 | 296.3 | 229.3 | |
| 19 1,1-Dichloroethene | 96 | 1.819 | 1.813 | 0.006 | 95 | 51126 | 20.0 | 20.5 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.849 | 1.837 | 0.012 | 95 | 60269 | 20.0 | 21.2 | |
| 21 Acetone | 43 | 1.867 | 1.861 | 0.006 | 85 | 86770 | 100.0 | 80.3 | |
| 22 Iodomethane | 142 | 1.916 | 1.910 | 0.006 | 100 | 86722 | 20.0 | 18.3 | |
| 23 Carbon disulfide | 76 | 1.959 | 1.953 | 0.006 | 100 | 122723 | 20.0 | 13.4 | |
| 24 Isopropyl alcohol | 45 | 2.002 | 1.989 | 0.013 | 96 | 44559 | 200.0 | 178.0 | |
| 25 3-Chloro-1-propene | 39 | 2.069 | 2.063 | 0.006 | 91 | 93293 | 20.0 | 20.0 | |
| 26 Methyl acetate | 43 | 2.099 | 2.099 | 0.000 | 100 | 90890 | 40.0 | 42.6 | |
| 27 Acetonitrile | 39 | 2.123 | 2.124 | -0.001 | 28 | 38030 | 200.0 | 173.7 | a |
| 28 Methylene Chloride | 84 | 2.160 | 2.154 | 0.006 | 96 | 62417 | 20.0 | 19.3 | |
| * 29 TBA-d9 (IS) | 65 | 2.239 | 2.227 | 0.012 | 0 | 390356 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.294 | 2.294 | 0.000 | 91 | 90015 | 200.0 | 203.8 | |
| 31 Acrylonitrile | 53 | 2.349 | 2.343 | 0.006 | 94 | 206263 | 200.0 | 186.1 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.361 | 2.361 | 0.000 | 98 | 56499 | 20.0 | 18.9 | |

| 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 | 2.386 | 2.374 | 0.012 | 97 | 166384 | 20.0 | 20.2 | |
| 34 Hexane | 57 | 2.581 | 2.581 | 0.000 | 92 | 76419 | 20.0 | 15.4 | |
| 35 1,1-Dichloroethane | 63 | 2.684 | 2.691 | -0.007 | 100 | 122351 | 20.0 | 19.5 | |
| 36 Vinyl acetate | 86 | 2.745 | 2.745 | 0.000 | 100 | 19313 | 40.0 | 34.2 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.764 | 2.758 | 0.006 | 94 | 56363 | 20.0 | 19.8 | |
| 38 Isopropyl ether | 45 | 2.776 | 2.776 | 0.000 | 86 | 223806 | 20.0 | 19.8 | |
| 39 Tert-butyl ethyl ether | 87 | 3.087 | 3.081 | 0.006 | 89 | 74101 | 20.0 | 21.0 | |
| * 40 2-Butanone-d5 | 46 | 3.160 | 3.154 | 0.006 | 0 | 357615 | 250.0 | 250.0 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.178 | 3.178 | 0.000 | 92 | 66237 | 20.0 | 20.0 | |
| 42 2,2-Dichloropropane | 79 | 3.184 | 3.184 | 0.000 | 70 | 30689 | 20.0 | 19.4 | |
| 43 2-Butanone (MEK) | 72 | 3.215 | 3.215 | 0.000 | 99 | 33674 | 100.0 | 88.1 | |
| 44 Propionitrile | 54 | 3.257 | 3.258 | -0.001 | 96 | 80199 | 200.0 | 195.7 | |
| 45 Ethyl acetate | 43 | 3.282 | 3.276 | 0.006 | 99 | 123841 | 40.0 | 36.9 | |
| 62 Methyl acrylate | 55 | 3.300 | 3.300 | 0.000 | 99 | 64746 | 20.0 | 21.0 | |
| 46 Chlorobromomethane | 128 | 3.385 | 3.386 | -0.001 | 97 | 29274 | 20.0 | 19.7 | |
| 47 Methacrylonitrile | 67 | 3.391 | 3.386 | 0.005 | 93 | 230918 | 200.0 | 207.8 | |
| 48 Tetrahydrofuran | 42 | 3.452 | 3.453 | -0.001 | 85 | 39112 | 40.0 | 37.6 | |
| 49 Chloroform | 83 | 3.477 | 3.477 | 0.000 | 98 | 113059 | 20.0 | 20.2 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.623 | 3.623 | 0.000 | 96 | 184584 | 50.0 | 50.0 | |
| 51 1,1,1-Trichloroethane | 97 | 3.635 | 3.635 | 0.000 | 98 | 97125 | 20.0 | 19.6 | |
| 52 Cyclohexane | 84 | 3.690 | 3.690 | 0.000 | 95 | 82108 | 20.0 | 17.8 | |
| 54 1,1-Dichloropropene | 75 | 3.794 | 3.788 | 0.006 | 91 | 81810 | 20.0 | 18.3 | |
| 53 Carbon tetrachloride | 117 | 3.794 | 3.794 | 0.000 | 93 | 77702 | 20.0 | 18.7 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.940 | 3.934 | 0.006 | 0 | 223161 | 50.0 | 51.3 | |
| 56 Benzene | 78 | 3.989 | 3.989 | 0.000 | 98 | 244247 | 20.0 | 18.8 | |
| 58 Isobutyl alcohol | 42 | 4.001 | 4.001 | 0.000 | 57 | 54299 | 500.0 | 481.3 | |
| 57 1,2-Dichloroethane | 62 | 4.013 | 4.013 | 0.000 | 97 | 85396 | 20.0 | 19.6 | |
| 73 Isopropyl acetate | 61 | 4.141 | 4.141 | 0.000 | 95 | 22033 | 20.0 | 19.7 | |
| 59 Tert-amyl methyl ether | 73 | 4.147 | 4.148 | -0.001 | 92 | 183363 | 20.0 | 21.3 | |
| * 60 Fluorobenzene | 96 | 4.288 | 4.282 | 0.006 | 98 | 638473 | 50.0 | 50.0 | |
| 61 n-Heptane | 43 | 4.318 | 4.312 | 0.006 | 93 | 87304 | 20.0 | 15.7 | |
| 63 Trichloroethene | 95 | 4.678 | 4.678 | 0.000 | 97 | 61915 | 20.0 | 19.4 | |
| 64 n-Butanol | 43 | 4.708 | 4.715 | -0.007 | 90 | 29977 | 500.0 | 514.6 | |
| 66 Ethyl acrylate | 55 | 4.873 | 4.873 | 0.000 | 97 | 163974 | 20.0 | 20.0 | |
| 65 Methylcyclohexane | 83 | 4.885 | 4.885 | 0.000 | 93 | 103724 | 20.0 | 18.7 | |
| 67 1,2-Dichloropropane | 63 | 4.922 | 4.922 | 0.000 | 93 | 69900 | 20.0 | 20.1 | |
| 68 Dibromomethane | 93 | 5.050 | 5.044 | 0.006 | 95 | 36938 | 20.0 | 19.8 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.068 | 5.056 | 0.012 | 0 | 30457 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.117 | 5.117 | 0.000 | 31 | 14396 | 400.0 | 457.2 | |
| 71 Methyl methacrylate | 100 | 5.129 | 5.123 | 0.006 | 91 | 30585 | 40.0 | 41.1 | |
| 81 n-Propyl acetate | 43 | 5.220 | 5.221 | -0.001 | 99 | 89021 | 20.0 | 20.4 | |
| 72 Dichlorobromomethane | 83 | 5.257 | 5.257 | 0.000 | 98 | 81698 | 20.0 | 19.9 | |
| 74 2-Nitropropane | 41 | 5.550 | 5.544 | 0.006 | 99 | 33548 | 40.0 | 41.2 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.678 | 5.672 | 0.006 | 93 | 16393 | 20.0 | 17.8 | |
| 76 Epichlorohydrin | 57 | 5.720 | 5.714 | 0.006 | 93 | 6521 | 20.0 | 22.1 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.812 | 5.812 | 0.000 | 97 | 96744 | 20.0 | 17.9 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.056 | 6.056 | 0.000 | 98 | 318316 | 100.0 | 98.8 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.141 | 6.141 | 0.000 | 98 | 796999 | 50.0 | 48.6 | |
| 80 Toluene | 91 | 6.226 | 6.220 | 0.006 | 93 | 264879 | 20.0 | 18.9 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.556 | 6.556 | 0.000 | 98 | 93895 | 20.0 | 19.7 | |
| 84 Ethyl methacrylate | 69 | 6.751 | 6.751 | 0.000 | 91 | 80334 | 20.0 | 20.4 | |
| 83 1,1,2-Trichloroethane | 83 | 6.781 | 6.781 | 0.000 | 93 | 44991 | 20.0 | 20.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Tetrachloroethene | 166 | 6.927 | 6.928 | -0.001 | 95 | 58874 | 20.0 | 19.0 | |
| 86 1,3-Dichloropropane | 76 | 6.976 | 6.976 | 0.000 | 96 | 90748 | 20.0 | 19.9 | |
| 87 2-Hexanone | 43 | 7.141 | 7.141 | 0.000 | 97 | 219793 | 100.0 | 93.7 | |
| 88 Chlorodibromomethane | 129 | 7.226 | 7.226 | 0.000 | 97 | 53721 | 20.0 | 19.2 | |
| 89 Ethylene Dibromide | 107 | 7.324 | 7.324 | 0.000 | 100 | 48576 | 20.0 | 18.8 | |
| 90 n-Butyl acetate | 43 | 7.330 | 7.330 | 0.000 | 99 | 102618 | 20.0 | 20.2 | a |
| * 91 Chlorobenzene-d5 | 117 | 7.830 | 7.824 | 0.006 | 88 | 518464 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.854 | 7.854 | 0.000 | 92 | 166494 | 20.0 | 19.9 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.952 | 7.952 | 0.000 | 94 | 60302 | 20.0 | 20.2 | |
| 94 Ethylbenzene | 106 | 7.988 | 7.988 | 0.000 | 99 | 92741 | 20.0 | 19.6 | |
| 95 m-Xylene & p-Xylene | 106 | 8.104 | 8.104 | 0.000 | 0 | 111870 | 20.0 | 19.2 | |
| 96 o-Xylene | 106 | 8.458 | 8.452 | 0.006 | 93 | 112143 | 20.0 | 19.7 | |
| 97 Styrene | 104 | 8.470 | 8.470 | 0.000 | 93 | 189263 | 20.0 | 19.8 | |
| 98 n-Butyl acrylate | 73 | 8.488 | 8.488 | 0.000 | 96 | 46404 | 20.0 | 19.3 | |
| 99 Bromoform | 173 | 8.604 | 8.604 | 0.000 | 95 | 33472 | 20.0 | 18.3 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.695 | 8.695 | 0.000 | 88 | 115807 | 20.0 | 19.1 | |
| 102 Isopropylbenzene | 105 | 8.781 | 8.781 | 0.000 | 97 | 298662 | 20.0 | 20.4 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.897 | 8.891 | 0.006 | 90 | 223822 | 50.0 | 50.2 | |
| 104 Bromobenzene | 156 | 9.000 | 8.994 | 0.006 | 96 | 72429 | 20.0 | 21.4 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.037 | 9.037 | 0.000 | 98 | 72721 | 20.0 | 21.6 | |
| 105 1,2,3-Trichloropropane | 110 | 9.055 | 9.055 | 0.000 | 97 | 18926 | 20.0 | 20.7 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.086 | 9.086 | 0.000 | 89 | 23841 | 20.0 | 21.9 | a |
| 108 N-Propylbenzene | 120 | 9.122 | 9.116 | 0.006 | 98 | 79644 | 20.0 | 19.8 | |
| 109 2-Chlorotoluene | 126 | 9.165 | 9.165 | 0.000 | 97 | 69930 | 20.0 | 20.2 | |
| 110 4-Ethyltoluene | 105 | 9.214 | 9.214 | 0.000 | 99 | 288866 | 20.0 | 19.8 | |
| 111 4-Chlorotoluene | 91 | 9.256 | 9.256 | 0.000 | 99 | 249751 | 20.0 | 19.8 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.268 | 9.262 | 0.006 | 92 | 252491 | 20.0 | 20.1 | |
| 100 Butyl Methacrylate | 87 | 9.372 | 9.372 | 0.000 | 95 | 80962 | 20.0 | 19.5 | |
| 113 tert-Butylbenzene | 119 | 9.512 | 9.512 | 0.000 | 93 | 212946 | 20.0 | 20.7 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.549 | 9.549 | 0.000 | 98 | 255409 | 20.0 | 19.6 | |
| 115 sec-Butylbenzene | 105 | 9.677 | 9.677 | 0.000 | 98 | 331416 | 20.0 | 20.8 | |
| 116 1,3-Dichlorobenzene | 146 | 9.738 | 9.738 | 0.000 | 94 | 132706 | 20.0 | 20.0 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.787 | 9.787 | 0.000 | 97 | 276375 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.793 | 9.793 | 0.000 | 97 | 271702 | 20.0 | 19.8 | |
| 118 1,4-Dichlorobenzene | 146 | 9.805 | 9.805 | 0.000 | 95 | 135195 | 20.0 | 20.0 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.854 | 9.854 | 0.000 | 99 | 263606 | 20.0 | 20.0 | |
| 121 Benzyl chloride | 126 | 9.915 | 9.909 | 0.006 | 98 | 25110 | 20.0 | 18.6 | |
| 122 2,3-Dihydroindene | 117 | 9.988 | 9.988 | 0.000 | 94 | 237175 | 20.0 | 20.2 | |
| 124 p-Diethylbenzene | 119 | 10.073 | 10.067 | 0.006 | 91 | 165999 | 20.0 | 19.9 | |
| 123 1,2-Dichlorobenzene | 146 | 10.073 | 10.073 | 0.000 | 92 | 127906 | 20.0 | 20.5 | |
| 125 n-Butylbenzene | 92 | 10.085 | 10.085 | 0.000 | 97 | 151514 | 20.0 | 19.7 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.616 | 10.610 | 0.006 | 97 | 256038 | 20.0 | 19.9 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.622 | 10.622 | 0.000 | 92 | 13755 | 20.0 | 19.9 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.768 | 10.768 | 0.000 | 96 | 101087 | 20.0 | 18.8 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.189 | 11.183 | 0.006 | 94 | 92285 | 20.0 | 18.3 | |
| 130 Hexachlorobutadiene | 225 | 11.311 | 11.311 | 0.000 | 93 | 54686 | 20.0 | 21.3 | |
| 131 Naphthalene | 128 | 11.347 | 11.347 | 0.000 | 99 | 216357 | 20.0 | 20.3 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.524 | 11.524 | 0.000 | 94 | 86647 | 20.0 | 19.2 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 38.9 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 37.6 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 38.9 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 96.2 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN SP_00158 | Amount Added: | 3.00 | Units: uL | |
| 8260 SP_00172 | Amount Added: | 2.00 | Units: uL | |
| GAS C SP_00541 | Amount Added: | 2.00 | Units: uL | |
| 7 Freons SS_00007 | Amount Added: | 2.00 | Units: uL | |
| EthhexAcr_SS_00004 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Nov-2023 11:51:58 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10156.D

Injection Date: 17-Nov-2023 01:56:30 Instrument ID: CVOAMS2 Operator ID:

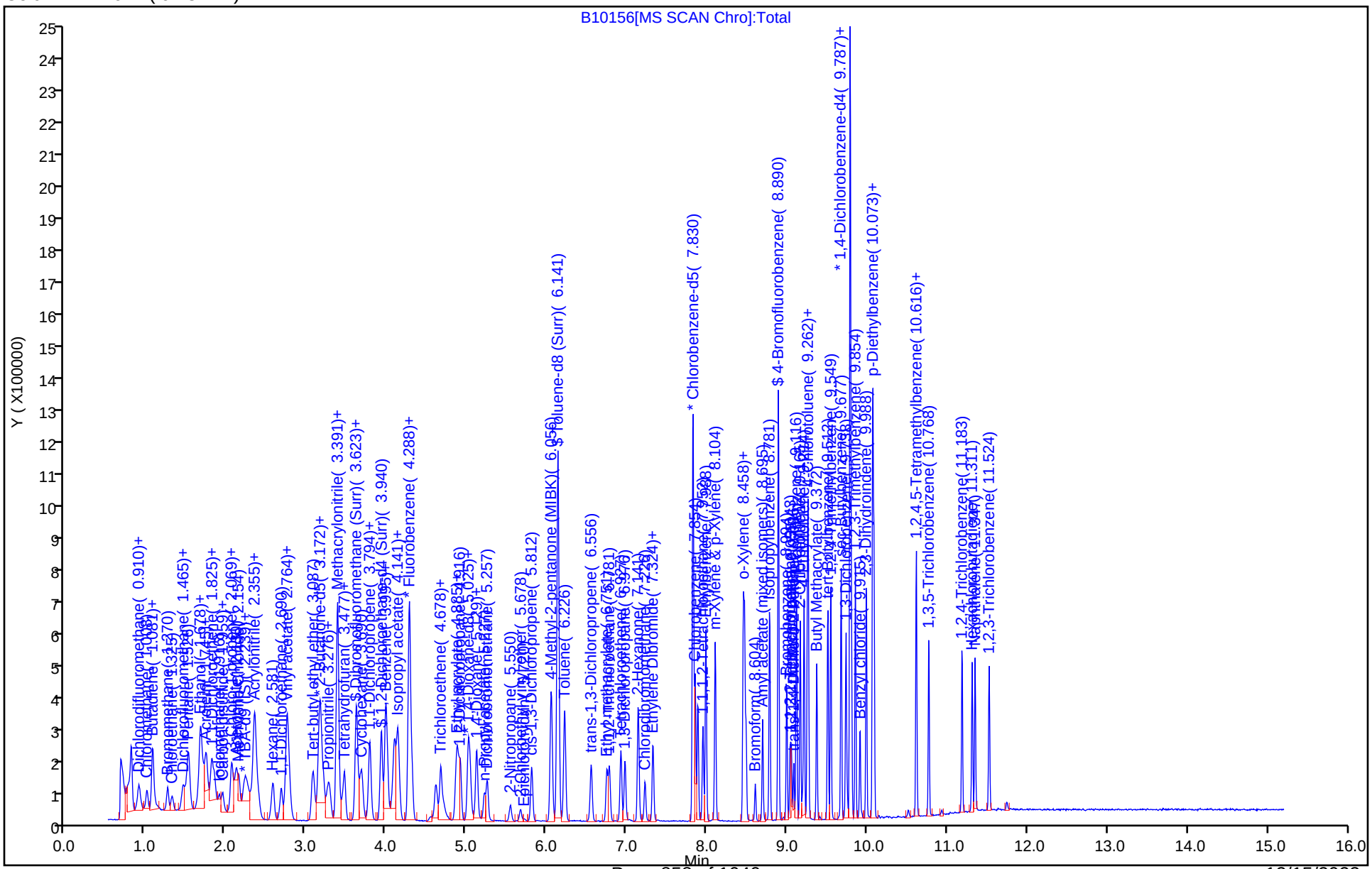
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

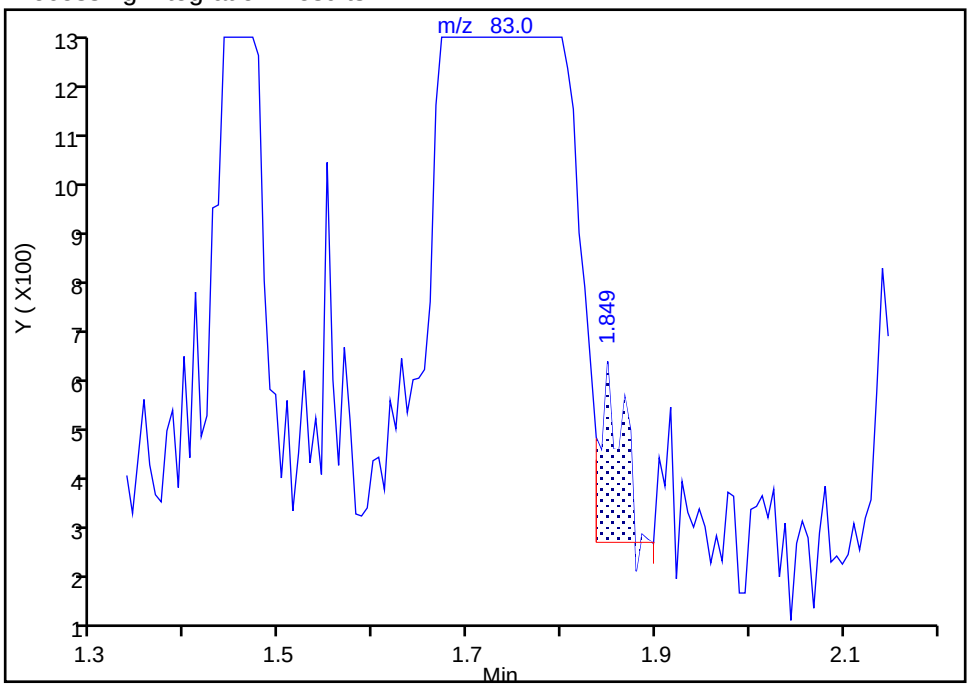
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10156.D
Injection Date: 17-Nov-2023 01:56:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

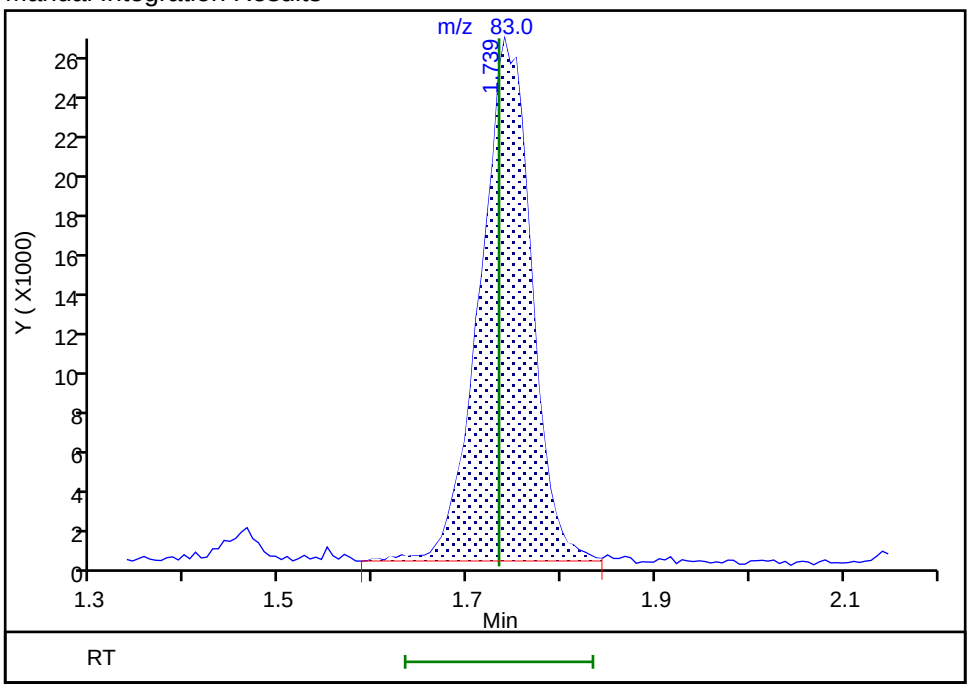
Processing Integration Results

RT: 1.85
Area: 587
Amount: 0.135945
Amount Units: ug/l




Manual Integration Results

RT: 1.74
Area: 98809
Amount: 23.395770
Amount Units: ug/l




Reviewer: PUV6, 17-Nov-2023 07:52:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

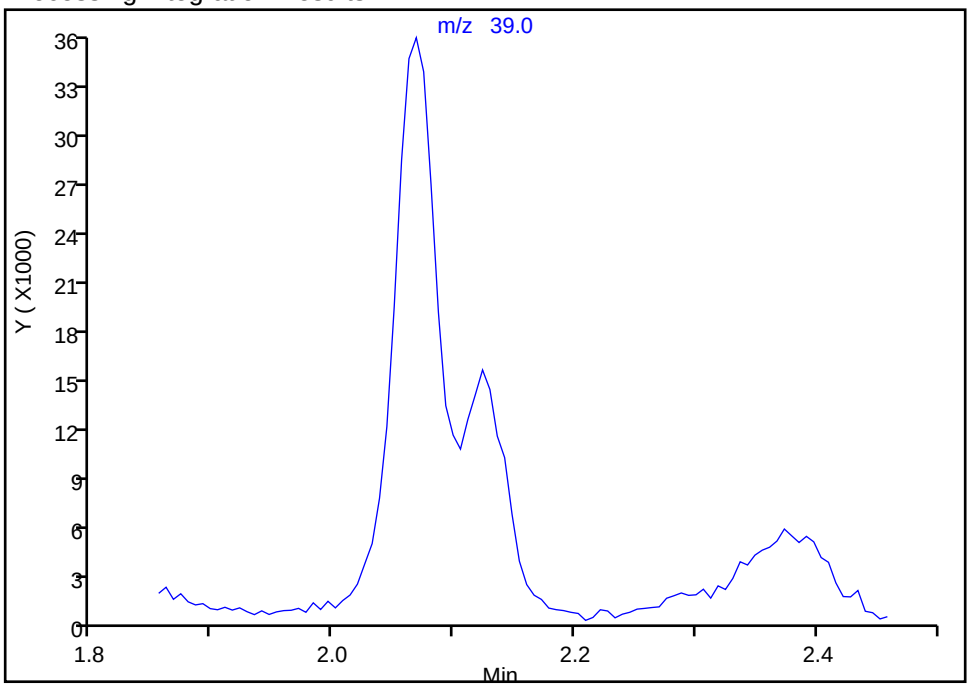
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10156.D
Injection Date: 17-Nov-2023 01:56:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

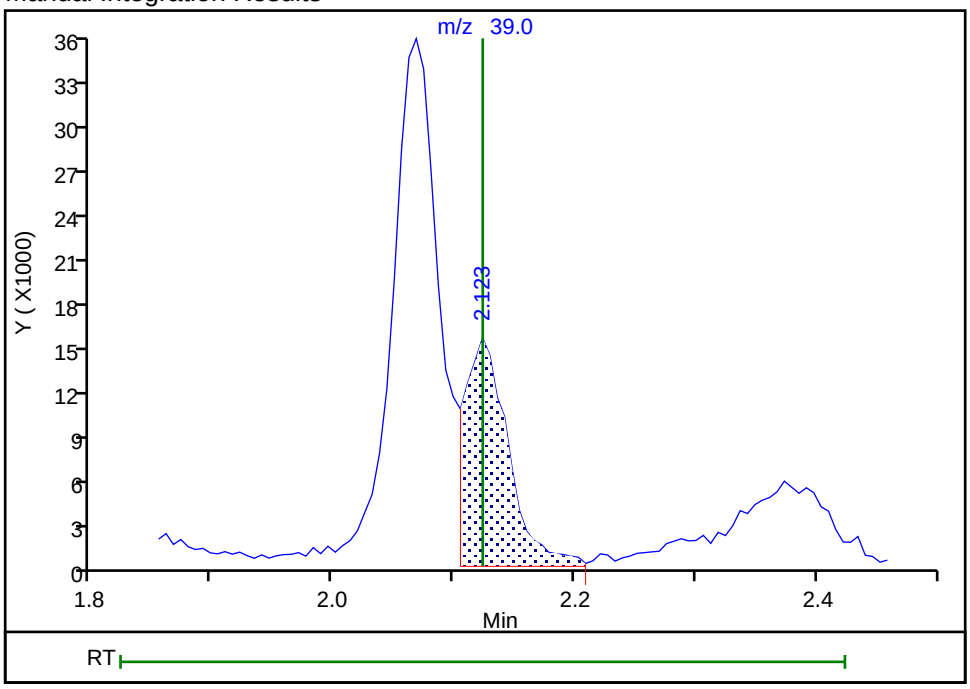
Not Detected
Expected RT: 2.12

Processing Integration Results




Manual Integration Results

RT: 2.12
Area: 38030
Amount: 173.6628
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:37:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

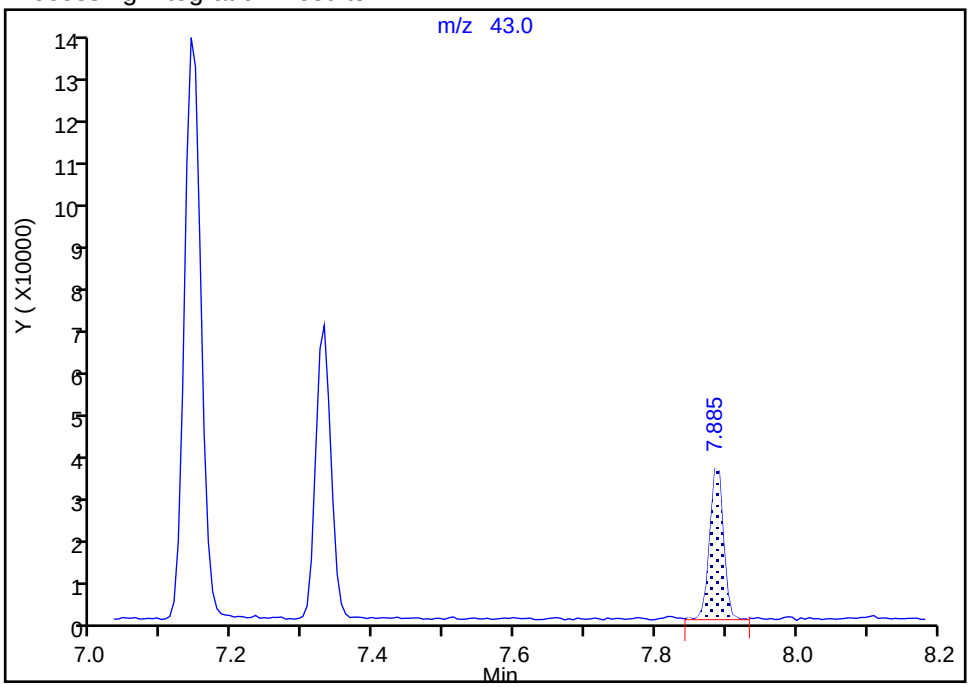
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10156.D
Injection Date: 17-Nov-2023 01:56:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 90 n-Butyl acetate, CAS: 123-86-4

Signal: 1

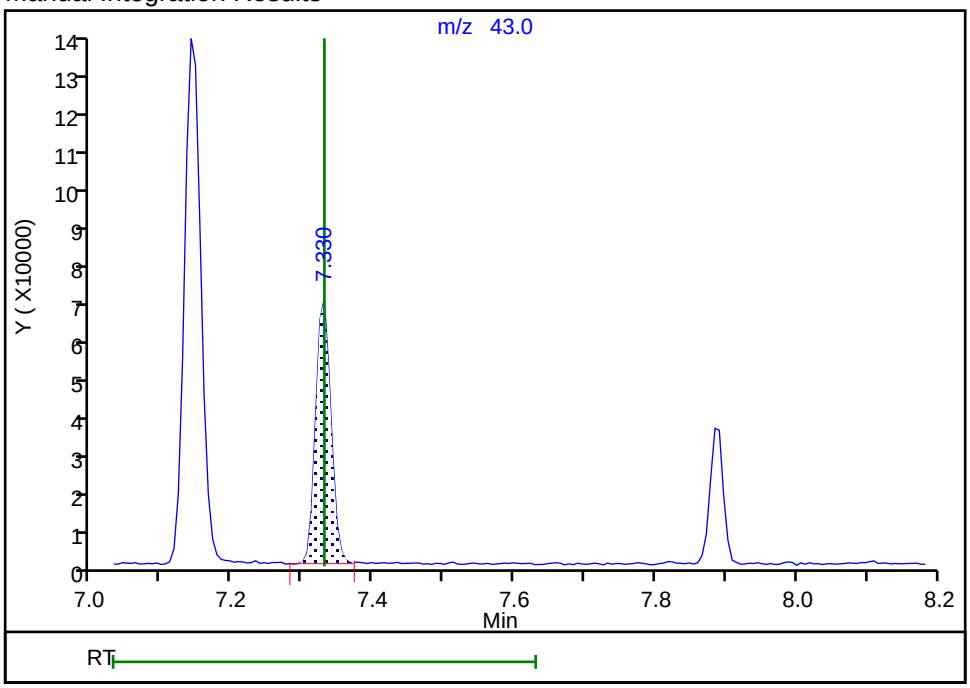
Processing Integration Results

RT: 7.88
Area: 46043
Amount: 9.062782
Amount Units: ug/l




Manual Integration Results

RT: 7.33
Area: 102618
Amount: 20.198610
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 11:43:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

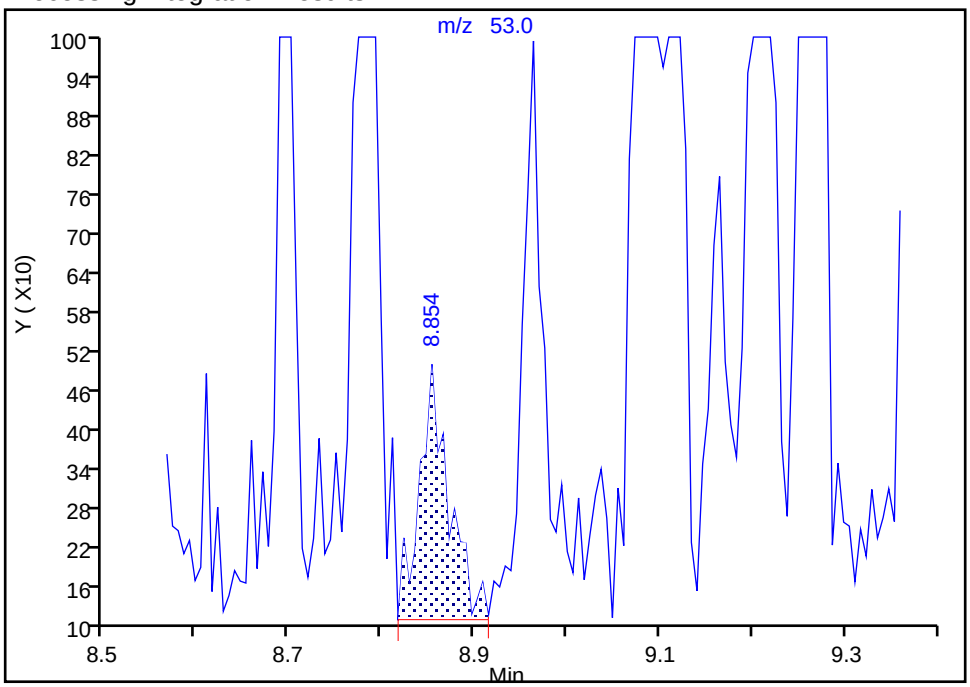
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10156.D
Injection Date: 17-Nov-2023 01:56:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 107 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

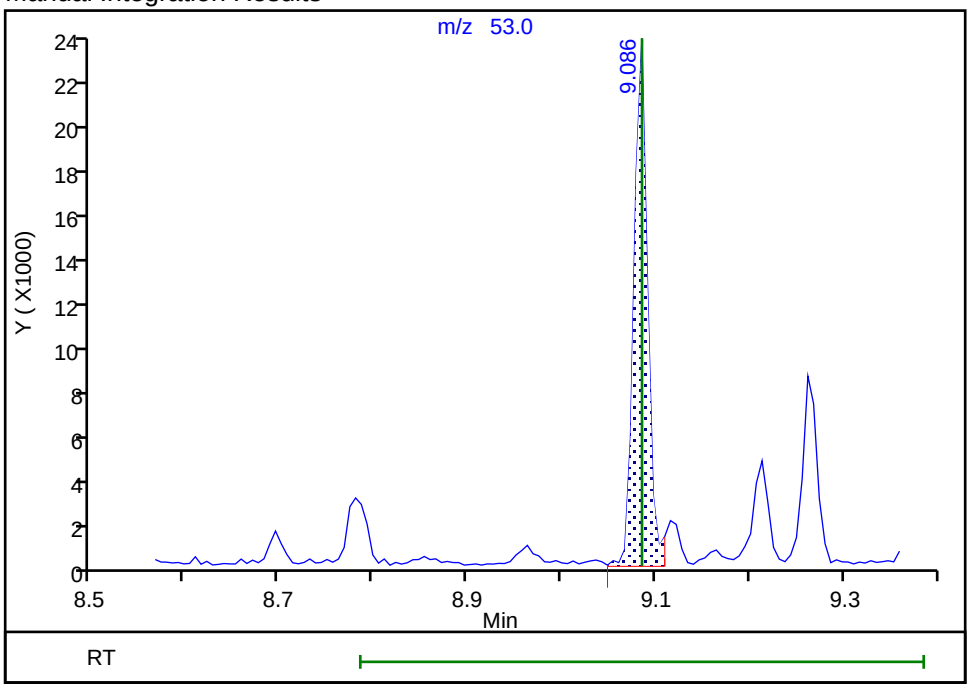
Processing Integration Results

RT: 8.85
Area: 858
Amount: 0.789439
Amount Units: ug/l




Manual Integration Results

RT: 9.09
Area: 23841
Amount: 21.935912
Amount Units: ug/l




Reviewer: W9CM, 17-Nov-2023 08:37:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949836/2 Calibration Date: 12/14/2023 06:09

Instrument ID: CVOAMS2 Calib Start Date: 11/16/2023 20:36

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/16/2023 22:39

Lab File ID: B11186.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorodifluoromethane | QuaF | | 0.0624 | | 22.7 | 20.0 | 13.4 | 20.0 |
| Dichlorodifluoromethane | QuaF | | 0.2607 | 0.1000 | 16.6 | 20.0 | -17.1 | 20.0 |
| Chloromethane | Ave | 0.3545 | 0.3544 | 0.1000 | 20.0 | 20.0 | -0.0 | 20.0 |
| Butadiene | Ave | 0.2696 | 0.2528 | | 18.8 | 20.0 | -6.2 | 20.0 |
| Vinyl chloride | Ave | 0.3347 | 0.3145 | 0.1000 | 18.8 | 20.0 | -6.1 | 20.0 |
| Bromomethane | Ave | 0.1900 | 0.1660 | 0.1000 | 17.5 | 20.0 | -12.6 | 50.0 |
| Chloroethane | Ave | 0.1815 | 0.1793 | 0.1000 | 19.8 | 20.0 | -1.2 | 50.0 |
| Dichlorofluoromethane | QuaF | | 0.2573 | | 13.7 | 20.0 | -31.6* | 20.0 |
| Trichlorofluoromethane | Ave | 0.2747 | 0.2051 | 0.1000 | 14.9 | 20.0 | -25.3* | 20.0 |
| Pentane | Ave | 0.4330 | 0.6544 | | 60.5 | 40.0 | 51.1* | 20.0 |
| Ethanol | Ave | 0.0577 | 0.0672 | | 932 | 800 | 16.5 | 50.0 |
| Ethyl ether | Ave | 0.2162 | 0.2690 | | 24.9 | 20.0 | 24.4* | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2371 | 0.3345 | | 28.2 | 20.0 | 41.1* | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.1918 | 0.1827 | | 19.1 | 20.0 | -4.7 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.3307 | 0.3707 | | 22.4 | 20.0 | 12.1 | 20.0 |
| Acrolein | Ave | 1.358 | 1.515 | | 335 | 300 | 11.6 | 50.0 |
| 1,1-Dichloroethene | Ave | 0.1954 | 0.2599 | 0.1000 | 26.6 | 20.0 | 33.0* | 20.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.2223 | 0.2778 | 0.1000 | 25.0 | 20.0 | 25.0* | 20.0 |
| Acetone | Ave | 0.7552 | 0.7359 | 0.0500 | 97.4 | 100 | -2.6 | 50.0 |
| Iodomethane | Ave | 0.3720 | 0.3499 | | 18.8 | 20.0 | -5.9 | 20.0 |
| Carbon disulfide | Ave | 0.7192 | 0.8093 | 0.1000 | 22.5 | 20.0 | 12.5 | 50.0 |
| Isopropyl alcohol | Ave | 0.6412 | 0.6533 | | 204 | 200 | 1.9 | 50.0 |
| 3-Chloro-1-propene | Ave | 0.3651 | 0.4181 | | 22.9 | 20.0 | 14.5 | 20.0 |
| Methyl acetate | Ave | 0.1672 | 0.2252 | 0.1000 | 53.9 | 40.0 | 34.7* | 20.0 |
| Acetonitrile | Ave | 0.5610 | 0.6310 | | 225 | 200 | 12.5 | 20.0 |
| Methylene Chloride | Ave | 0.2536 | 0.2819 | 0.1000 | 22.2 | 20.0 | 11.1 | 20.0 |
| 2-Methyl-2-propanol | Ave | 1.132 | 1.058 | | 187 | 200 | -6.5 | 50.0 |
| Acrylonitrile | Ave | 2.839 | 2.953 | | 208 | 200 | 4.0 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.2339 | 0.2544 | 0.1000 | 21.8 | 20.0 | 8.8 | 20.0 |
| Methyl tert-butyl ether | Ave | 0.6442 | 0.6424 | 0.1000 | 19.9 | 20.0 | -0.3 | 20.0 |
| Hexane | Ave | 0.3884 | 0.4266 | | 22.0 | 20.0 | 9.8 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.4916 | 0.5337 | 0.2000 | 21.7 | 20.0 | 8.6 | 20.0 |
| Vinyl acetate | Ave | 0.3949 | 0.2947 | | 29.9 | 40.0 | -25.4* | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2228 | 0.2178 | | 19.5 | 20.0 | -2.3 | 20.0 |
| Isopropyl ether | Ave | 0.8833 | 0.9516 | | 21.5 | 20.0 | 7.7 | 20.0 |
| Tert-butyl ethyl ether | Ave | 0.2768 | 0.2520 | | 18.2 | 20.0 | -9.0 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.1239 | 0.1213 | | 19.6 | 20.0 | -2.1 | 20.0 |
| cis-1,2-Dichloroethene | Ave | 0.2595 | 0.2790 | 0.1000 | 21.5 | 20.0 | 7.5 | 20.0 |
| 2-Butanone (MEK) | Ave | 0.2673 | 0.2387 | 0.0500 | 89.3 | 100 | -10.7 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949836/2  Calibration Date: 12/14/2023 06:09

Instrument ID: CVOAMS2  Calib Start Date: 11/16/2023 20:36

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/16/2023 22:39

Lab File ID: B11186.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propionitrile | Ave | 0.2864 | 0.2822 | | 197 | 200 | -1.5 | 20.0 |
| Ethyl acetate | Ave | 2.346 | 2.212 | | 37.7 | 40.0 | -5.7 | 20.0 |
| Methyl acrylate | Ave | 0.2419 | 0.2896 | | 23.9 | 20.0 | 19.7 | 20.0 |
| Chlorobromomethane | Ave | 0.1164 | 0.1231 | | 21.1 | 20.0 | 5.7 | 20.0 |
| Methacrylonitrile | Ave | 0.0870 | 0.0994 | | 228 | 200 | 14.2 | 20.0 |
| Tetrahydrofuran | Ave | 0.7271 | 0.6728 | | 37.0 | 40.0 | -7.5 | 20.0 |
| Chloroform | Ave | 0.4377 | 0.4748 | 0.2000 | 21.7 | 20.0 | 8.5 | 20.0 |
| 1,1,1-Trichloroethane | Ave | 0.3884 | 0.3755 | 0.1000 | 19.3 | 20.0 | -3.3 | 20.0 |
| Cyclohexane | Ave | 0.3605 | 0.3825 | 0.1000 | 21.2 | 20.0 | 6.1 | 50.0 |
| 1,1-Dichloropropene | Ave | 0.3501 | 0.3669 | | 21.0 | 20.0 | 4.8 | 20.0 |
| Carbon tetrachloride | Ave | 0.3262 | 0.3167 | 0.1000 | 19.4 | 20.0 | -2.9 | 20.0 |
| Benzene | Ave | 1.253 | 1.433 | 0.5000 | 22.9 | 20.0 | 14.3 | 20.0 |
| Isobutyl alcohol | Ave | 0.2890 | 0.2747 | | 475 | 500 | -5.0 | 50.0 |
| 1,2-Dichloroethane | Ave | 0.3419 | 0.3661 | 0.1000 | 21.4 | 20.0 | 7.1 | 20.0 |
| Isopropyl acetate | Ave | 0.0876 | 0.0938 | | 21.4 | 20.0 | 7.0 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.6742 | 0.6583 | | 19.5 | 20.0 | -2.4 | 20.0 |
| n-Heptane | Ave | 0.4359 | 0.4635 | | 21.3 | 20.0 | 6.3 | 20.0 |
| Trichloroethene | Ave | 0.2505 | 0.2567 | 0.2000 | 20.5 | 20.0 | 2.5 | 20.0 |
| n-Butanol | Ave | 0.1492 | 0.1283 | | 430 | 500 | -14.1 | 50.0 |
| Ethyl acrylate | Ave | 0.6409 | 0.6651 | | 20.8 | 20.0 | 3.8 | 20.0 |
| Methylcyclohexane | Ave | 0.4341 | 0.4345 | 0.1000 | 20.0 | 20.0 | 0.0 | 50.0 |
| 1,2-Dichloropropane | Ave | 0.2728 | 0.2971 | 0.1000 | 21.8 | 20.0 | 8.9 | 20.0 |
| Dibromomethane | Ave | 0.1460 | 0.1483 | | 20.3 | 20.0 | 1.6 | 20.0 |
| 1,4-Dioxane | Ave | 1.034 | 1.077 | | 417 | 400 | 4.2 | 50.0 |
| Methyl methacrylate | Ave | 0.0583 | 0.0511 | | 35.0 | 40.0 | -12.4 | 20.0 |
| n-Propyl acetate | Ave | 0.3425 | 0.3695 | | 21.6 | 20.0 | 7.9 | 20.0 |
| Dichlorobromomethane | Ave | 0.3222 | 0.3393 | 0.2000 | 21.1 | 20.0 | 5.3 | 20.0 |
| 2-Nitropropane | Ave | 0.0637 | 0.0551 | | 34.6 | 40.0 | -13.5 | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.0723 | 0.0698 | | 19.4 | 20.0 | -3.3 | 20.0 |
| Epichlorohydrin | Ave | 0.2059 | 0.1596 | | 310 | 400 | -22.5* | 20.0 |
| cis-1,3-Dichloropropene | Ave | 0.5210 | 0.5107 | 0.2000 | 19.6 | 20.0 | -2.0 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.252 | 1.821 | 0.0500 | 80.9 | 100 | -19.1 | 50.0 |
| Toluene | Ave | 1.350 | 1.404 | 0.4000 | 20.8 | 20.0 | 4.0 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.4594 | 0.4352 | 0.1000 | 18.9 | 20.0 | -5.3 | 50.0 |
| Ethyl methacrylate | Ave | 0.3085 | 0.2402 | | 15.6 | 20.0 | -22.1* | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.2110 | 0.2428 | 0.1000 | 23.0 | 20.0 | 15.0 | 20.0 |
| Tetrachloroethene | Ave | 0.2990 | 0.3180 | 0.2000 | 21.3 | 20.0 | 6.3 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.4396 | 0.4774 | | 21.7 | 20.0 | 8.6 | 20.0 |
| 2-Hexanone | Ave | 1.640 | 1.224 | 0.0500 | 74.7 | 100 | -25.3 | 50.0 |
| Chlorodibromomethane | Ave | 0.2701 | 0.2631 | 0.1000 | 19.5 | 20.0 | -2.6 | 50.0 |
| Ethylene Dibromide | Ave | 0.2495 | 0.2485 | 0.1000 | 19.9 | 20.0 | -0.4 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949836/2  Calibration Date: 12/14/2023 06:09

Instrument ID: CVOAMS2  Calib Start Date: 11/16/2023 20:36

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/16/2023 22:39

Lab File ID: B11186.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| n-Butyl acetate | Ave | 0.4900 | 0.4611 | | 18.8 | 20.0 | -5.9 | 20.0 |
| Chlorobenzene | Ave | 0.8050 | 0.8314 | 0.5000 | 20.7 | 20.0 | 3.3 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.2882 | 0.2675 | | 18.6 | 20.0 | -7.2 | 20.0 |
| Ethylbenzene | Ave | 0.4565 | 0.4269 | 0.1000 | 18.7 | 20.0 | -6.5 | 20.0 |
| m-Xylene & p-Xylene | Ave | 0.5614 | 0.5149 | 0.1000 | 18.3 | 20.0 | -8.3 | 20.0 |
| o-Xylene | Ave | 0.5485 | 0.4805 | 0.3000 | 17.5 | 20.0 | -12.4 | 20.0 |
| Styrene | Ave | 0.9241 | 0.7731 | 0.3000 | 16.7 | 20.0 | -16.3 | 20.0 |
| n-Butyl acrylate | Ave | 0.2318 | 0.1936 | | 16.7 | 20.0 | -16.5 | 20.0 |
| Bromoform | Ave | 0.1767 | 0.1623 | 0.1000 | 18.4 | 20.0 | -8.1 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 1.095 | 0.7590 | | 13.9 | 20.0 | -30.7* | 20.0 |
| Isopropylbenzene | Ave | 1.411 | 1.326 | 0.1000 | 18.8 | 20.0 | -6.0 | 20.0 |
| Bromobenzene | Ave | 0.6112 | 0.5995 | | 19.6 | 20.0 | -1.9 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.6083 | 0.7045 | 0.3000 | 23.2 | 20.0 | 15.8 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.1654 | 0.1820 | | 22.0 | 20.0 | 10.0 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.1966 | 0.2031 | | 20.7 | 20.0 | 3.3 | 20.0 |
| N-Propylbenzene | Ave | 0.7263 | 0.6836 | | 18.8 | 20.0 | -5.9 | 20.0 |
| 2-Chlorotoluene | Ave | 0.6263 | 0.6218 | | 19.9 | 20.0 | -0.7 | 20.0 |
| 4-Ethyltoluene | Ave | 2.643 | 2.563 | | 19.4 | 20.0 | -3.0 | 20.0 |
| 4-Chlorotoluene | Ave | 2.282 | 2.394 | | 21.0 | 20.0 | 4.9 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.269 | 2.255 | | 19.9 | 20.0 | -0.6 | 20.0 |
| Butyl Methacrylate | Ave | 0.7521 | 0.5116 | | 13.6 | 20.0 | -32.0* | 20.0 |
| tert-Butylbenzene | Ave | 1.863 | 1.735 | | 18.6 | 20.0 | -6.9 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 2.356 | 2.201 | | 18.7 | 20.0 | -6.6 | 20.0 |
| sec-Butylbenzene | Ave | 2.877 | 2.816 | | 19.6 | 20.0 | -2.1 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.198 | 1.253 | 0.6000 | 20.9 | 20.0 | 4.6 | 20.0 |
| 4-Isopropyltoluene | Ave | 2.484 | 2.309 | | 18.6 | 20.0 | -7.1 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.221 | 1.311 | 0.5000 | 21.5 | 20.0 | 7.4 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.381 | 2.325 | | 19.5 | 20.0 | -2.4 | 20.0 |
| Benzyl chloride | Ave | 0.2441 | 0.2023 | | 16.6 | 20.0 | -17.1 | 50.0 |
| Indan | Ave | 0.9216 | 1.006 | | 21.8 | 20.0 | 9.2 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.129 | 1.232 | 0.4000 | 21.8 | 20.0 | 9.1 | 20.0 |
| p-Diethylbenzene | Ave | 1.508 | 1.452 | | 19.3 | 20.0 | -3.7 | 20.0 |
| n-Butylbenzene | Ave | 1.395 | 1.484 | | 21.3 | 20.0 | 6.4 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 2.327 | 1.520 | | 13.1 | 20.0 | -34.7* | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1252 | 0.0972 | 0.0500 | 15.5 | 20.0 | -22.4 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.9712 | 0.8534 | | 17.6 | 20.0 | -12.1 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.9130 | 0.7067 | 0.2000 | 15.5 | 20.0 | -22.6* | 20.0 |
| Hexachlorobutadiene | Ave | 0.4638 | 0.4192 | | 18.1 | 20.0 | -9.6 | 20.0 |
| Naphthalene | Ave | 1.925 | 1.332 | | 13.8 | 20.0 | -30.8 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.8151 | 0.6632 | | 16.3 | 20.0 | -18.6 | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2888 | 0.2980 | | 51.6 | 50.0 | 3.2 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949836/2  Calibration Date: 12/14/2023 06:09

Instrument ID: CVOAMS2  Calib Start Date: 11/16/2023 20:36

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 11/16/2023 22:39

Lab File ID: B11186.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.3405 | 0.3831 | | 56.3 | 50.0 | 12.5 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.582 | 1.644 | | 52.0 | 50.0 | 3.9 | 20.0 |
| 4-Bromofluorobenzene | Ave | 0.8061 | 0.7033 | | 43.6 | 50.0 | -12.8 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11186.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Dec-2023 06:09:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0170114-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:46:46 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 06:45:03

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.880 | 0.880 | 0.000 | 96 | 54920 | 20.0 | 16.6 | |
| 4 Chlorodifluoromethane | 67 | 0.880 | 0.880 | 0.000 | 96 | 13136 | 20.0 | 22.7 | |
| 5 Chloromethane | 50 | 0.959 | 0.959 | 0.000 | 100 | 74641 | 20.0 | 20.0 | |
| 7 Vinyl chloride | 62 | 1.051 | 1.051 | 0.000 | 95 | 66238 | 20.0 | 18.8 | |
| 6 Butadiene | 54 | 1.051 | 1.051 | 0.000 | 94 | 53242 | 20.0 | 18.8 | |
| 8 Bromomethane | 94 | 1.239 | 1.239 | 0.000 | 99 | 34958 | 20.0 | 17.5 | |
| 9 Chloroethane | 64 | 1.300 | 1.300 | 0.000 | 98 | 37769 | 20.0 | 19.8 | |
| 10 Dichlorofluoromethane | 67 | 1.435 | 1.435 | 0.000 | 89 | 54191 | 20.0 | 13.7 | |
| 11 Trichlorofluoromethane | 101 | 1.459 | 1.459 | 0.000 | 95 | 43207 | 20.0 | 14.9 | |
| 12 Pentane | 43 | 1.508 | 1.508 | 0.000 | 96 | 275670 | 40.0 | 60.5 | |
| 14 Ethanol | 46 | 1.624 | 1.624 | 0.000 | 76 | 18160 | 800.0 | 932.1 | Ma |
| 13 Ethyl ether | 59 | 1.648 | 1.648 | 0.000 | 94 | 56656 | 20.0 | 24.9 | |
| 15 2-Methyl-1,3-butadiene | 53 | 1.660 | 1.660 | 0.000 | 96 | 70469 | 20.0 | 28.2 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.672 | 1.672 | 0.000 | 94 | 38476 | 20.0 | 19.1 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.721 | 1.721 | 0.000 | 93 | 78074 | 20.0 | 22.4 | a |
| 18 Acrolein | 56 | 1.733 | 1.733 | 0.000 | 97 | 153599 | 300.0 | 334.7 | |
| 19 1,1-Dichloroethene | 96 | 1.794 | 1.794 | 0.000 | 95 | 54741 | 20.0 | 26.6 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.813 | 1.813 | 0.000 | 92 | 58515 | 20.0 | 25.0 | M |
| 21 Acetone | 43 | 1.843 | 1.843 | 0.000 | 86 | 102941 | 100.0 | 97.4 | |
| 22 Iodomethane | 142 | 1.892 | 1.892 | 0.000 | 99 | 73702 | 20.0 | 18.8 | |
| 23 Carbon disulfide | 76 | 1.928 | 1.928 | 0.000 | 100 | 170476 | 20.0 | 22.5 | |
| 24 Isopropyl alcohol | 45 | 1.971 | 1.971 | 0.000 | 98 | 44161 | 200.0 | 203.8 | |
| 25 3-Chloro-1-propene | 39 | 2.050 | 2.050 | 0.000 | 90 | 88072 | 20.0 | 22.9 | |
| 26 Methyl acetate | 43 | 2.075 | 2.075 | 0.000 | 99 | 94893 | 40.0 | 53.9 | |
| 27 Acetonitrile | 39 | 2.111 | 2.111 | 0.000 | 37 | 42652 | 200.0 | 225.0 | a |
| 28 Methylene Chloride | 84 | 2.136 | 2.136 | 0.000 | 98 | 59369 | 20.0 | 22.2 | |
| * 29 TBA-d9 (IS) | 65 | 2.215 | 2.215 | 0.000 | 0 | 337967 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.270 | 2.270 | 0.000 | 92 | 71526 | 200.0 | 187.0 | a |
| 31 Acrylonitrile | 53 | 2.325 | 2.325 | 0.000 | 96 | 199597 | 200.0 | 208.1 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.343 | 2.343 | 0.000 | 98 | 53588 | 20.0 | 21.8 | |

| 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 | 2.361 | 2.361 | 0.000 | 97 | 135314 | 20.0 | 19.9 | |
| 34 Hexane | 57 | 2.569 | 2.569 | 0.000 | 92 | 89855 | 20.0 | 22.0 | |
| 35 1,1-Dichloroethane | 63 | 2.666 | 2.666 | 0.000 | 100 | 112424 | 20.0 | 21.7 | |
| 36 Vinyl acetate | 86 | 2.727 | 2.727 | 0.000 | 100 | 16492 | 40.0 | 29.9 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.739 | 2.739 | 0.000 | 95 | 45870 | 20.0 | 19.5 | |
| 38 Isopropyl ether | 45 | 2.757 | 2.757 | 0.000 | 87 | 200444 | 20.0 | 21.5 | |
| 39 Tert-butyl ethyl ether | 87 | 3.062 | 3.062 | 0.000 | 88 | 53075 | 20.0 | 18.2 | |
| * 40 2-Butanone-d5 | 46 | 3.142 | 3.142 | 0.000 | 0 | 349706 | 250.0 | 250.0 | |
| 42 2,2-Dichloropropane | 79 | 3.160 | 3.160 | 0.000 | 65 | 25555 | 20.0 | 19.6 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.160 | 3.160 | 0.000 | 82 | 58762 | 20.0 | 21.5 | |
| 43 2-Butanone (MEK) | 72 | 3.196 | 3.196 | 0.000 | 99 | 33383 | 100.0 | 89.3 | |
| 44 Propionitrile | 54 | 3.239 | 3.239 | 0.000 | 99 | 78958 | 200.0 | 197.1 | |
| 45 Ethyl acetate | 43 | 3.263 | 3.263 | 0.000 | 99 | 123777 | 40.0 | 37.7 | |
| 62 Methyl acrylate | 55 | 3.282 | 3.282 | 0.000 | 99 | 60993 | 20.0 | 23.9 | |
| 46 Chlorobromomethane | 128 | 3.367 | 3.367 | 0.000 | 96 | 25926 | 20.0 | 21.1 | |
| 47 Methacrylonitrile | 67 | 3.373 | 3.373 | 0.000 | 94 | 209390 | 200.0 | 228.5 | |
| 48 Tetrahydrofuran | 42 | 3.434 | 3.434 | 0.000 | 86 | 37645 | 40.0 | 37.0 | |
| 49 Chloroform | 83 | 3.459 | 3.459 | 0.000 | 97 | 100015 | 20.0 | 21.7 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.605 | 3.605 | 0.000 | 95 | 156926 | 50.0 | 51.6 | |
| 51 1,1,1-Trichloroethane | 97 | 3.611 | 3.611 | 0.000 | 70 | 79101 | 20.0 | 19.3 | |
| 52 Cyclohexane | 84 | 3.666 | 3.666 | 0.000 | 96 | 80576 | 20.0 | 21.2 | |
| 54 1,1-Dichloropropene | 75 | 3.769 | 3.769 | 0.000 | 90 | 77275 | 20.0 | 21.0 | |
| 53 Carbon tetrachloride | 117 | 3.776 | 3.776 | 0.000 | 85 | 66719 | 20.0 | 19.4 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.916 | 3.916 | 0.000 | 0 | 201745 | 50.0 | 56.3 | |
| 56 Benzene | 78 | 3.971 | 3.971 | 0.000 | 97 | 232932 | 20.0 | 22.9 | |
| 58 Isobutyl alcohol | 42 | 3.983 | 3.983 | 0.000 | 50 | 46415 | 500.0 | 475.2 | |
| 57 1,2-Dichloroethane | 62 | 3.989 | 3.989 | 0.000 | 97 | 77117 | 20.0 | 21.4 | |
| 73 Isopropyl acetate | 61 | 4.123 | 4.123 | 0.000 | 92 | 19749 | 20.0 | 21.4 | |
| 59 Tert-amyl methyl ether | 73 | 4.129 | 4.129 | 0.000 | 72 | 138658 | 20.0 | 19.5 | |
| * 60 Fluorobenzene | 96 | 4.263 | 4.263 | 0.000 | 98 | 526600 | 50.0 | 50.0 | |
| 61 n-Heptane | 43 | 4.300 | 4.300 | 0.000 | 94 | 97635 | 20.0 | 21.3 | |
| 63 Trichloroethene | 95 | 4.660 | 4.660 | 0.000 | 95 | 54076 | 20.0 | 20.5 | |
| 64 n-Butanol | 43 | 4.702 | 4.702 | 0.000 | 96 | 21674 | 500.0 | 429.7 | |
| 66 Ethyl acrylate | 55 | 4.861 | 4.861 | 0.000 | 94 | 140091 | 20.0 | 20.8 | |
| 65 Methylcyclohexane | 83 | 4.867 | 4.867 | 0.000 | 91 | 91521 | 20.0 | 20.0 | |
| 67 1,2-Dichloropropane | 63 | 4.897 | 4.897 | 0.000 | 92 | 62591 | 20.0 | 21.8 | |
| 68 Dibromomethane | 93 | 5.025 | 5.025 | 0.000 | 92 | 31240 | 20.0 | 20.3 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.056 | 5.056 | 0.000 | 0 | 27063 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.111 | 5.111 | 0.000 | 30 | 11663 | 400.0 | 416.8 | |
| 71 Methyl methacrylate | 100 | 5.111 | 5.111 | 0.000 | 92 | 21535 | 40.0 | 35.0 | |
| 81 n-Propyl acetate | 43 | 5.208 | 5.208 | 0.000 | 99 | 77831 | 20.0 | 21.6 | |
| 72 Dichlorobromomethane | 83 | 5.239 | 5.239 | 0.000 | 97 | 71465 | 20.0 | 21.1 | |
| 74 2-Nitropropane | 41 | 5.531 | 5.531 | 0.000 | 95 | 23219 | 40.0 | 34.6 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.659 | 5.659 | 0.000 | 94 | 14747 | 20.0 | 19.4 | |
| 76 Epichlorohydrin | 57 | 5.702 | 5.702 | 0.000 | 99 | 89281 | 400.0 | 309.9 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.793 | 5.793 | 0.000 | 98 | 83036 | 20.0 | 19.6 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.037 | 6.037 | 0.000 | 98 | 254668 | 100.0 | 80.9 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.123 | 6.123 | 0.000 | 97 | 668361 | 50.0 | 52.0 | |
| 80 Toluene | 91 | 6.202 | 6.202 | 0.000 | 93 | 228254 | 20.0 | 20.8 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.537 | 6.537 | 0.000 | 97 | 70759 | 20.0 | 18.9 | |
| 84 Ethyl methacrylate | 69 | 6.738 | 6.738 | 0.000 | 91 | 50593 | 20.0 | 15.6 | a |
| 83 1,1,2-Trichloroethane | 83 | 6.763 | 6.763 | 0.000 | 92 | 39478 | 20.0 | 23.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Tetrachloroethene | 166 | 6.909 | 6.909 | 0.000 | 93 | 51700 | 20.0 | 21.3 | |
| 86 1,3-Dichloropropane | 76 | 6.964 | 6.964 | 0.000 | 96 | 77622 | 20.0 | 21.7 | |
| 87 2-Hexanone | 43 | 7.129 | 7.129 | 0.000 | 99 | 171283 | 100.0 | 74.7 | |
| 88 Chlorodibromomethane | 129 | 7.214 | 7.214 | 0.000 | 95 | 42774 | 20.0 | 19.5 | |
| 89 Ethylene Dibromide | 107 | 7.305 | 7.305 | 0.000 | 99 | 40411 | 20.0 | 19.9 | |
| 90 n-Butyl acetate | 43 | 7.318 | 7.318 | 0.000 | 98 | 74969 | 20.0 | 18.8 | |
| * 91 Chlorobenzene-d5 | 117 | 7.811 | 7.811 | 0.000 | 91 | 406482 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.842 | 7.842 | 0.000 | 91 | 135177 | 20.0 | 20.7 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.939 | 7.939 | 0.000 | 92 | 43501 | 20.0 | 18.6 | |
| 94 Ethylbenzene | 106 | 7.976 | 7.976 | 0.000 | 99 | 69418 | 20.0 | 18.7 | |
| 95 m-Xylene & p-Xylene | 106 | 8.092 | 8.092 | 0.000 | 0 | 83723 | 20.0 | 18.3 | |
| 96 o-Xylene | 106 | 8.445 | 8.445 | 0.000 | 93 | 78129 | 20.0 | 17.5 | |
| 97 Styrene | 104 | 8.458 | 8.458 | 0.000 | 94 | 125699 | 20.0 | 16.7 | |
| 98 n-Butyl acrylate | 73 | 8.482 | 8.482 | 0.000 | 95 | 31474 | 20.0 | 16.7 | |
| 99 Bromoform | 173 | 8.592 | 8.592 | 0.000 | 94 | 26395 | 20.0 | 18.4 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.683 | 8.683 | 0.000 | 90 | 76728 | 20.0 | 13.9 | |
| 102 Isopropylbenzene | 105 | 8.775 | 8.775 | 0.000 | 97 | 215666 | 20.0 | 18.8 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.884 | 8.884 | 0.000 | 90 | 177741 | 50.0 | 43.6 | |
| 104 Bromobenzene | 156 | 8.988 | 8.988 | 0.000 | 95 | 60603 | 20.0 | 19.6 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.031 | 9.031 | 0.000 | 98 | 71211 | 20.0 | 23.2 | |
| 105 1,2,3-Trichloropropane | 110 | 9.043 | 9.043 | 0.000 | 96 | 18393 | 20.0 | 22.0 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.073 | 9.073 | 0.000 | 81 | 20526 | 20.0 | 20.7 | |
| 108 N-Propylbenzene | 120 | 9.110 | 9.110 | 0.000 | 98 | 69103 | 20.0 | 18.8 | |
| 109 2-Chlorotoluene | 126 | 9.159 | 9.159 | 0.000 | 97 | 62852 | 20.0 | 19.9 | |
| 110 4-Ethyltoluene | 105 | 9.201 | 9.201 | 0.000 | 98 | 259068 | 20.0 | 19.4 | |
| 111 4-Chlorotoluene | 91 | 9.244 | 9.244 | 0.000 | 99 | 242022 | 20.0 | 21.0 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.256 | 9.256 | 0.000 | 91 | 227905 | 20.0 | 19.9 | |
| 100 Butyl Methacrylate | 87 | 9.366 | 9.366 | 0.000 | 98 | 51714 | 20.0 | 13.6 | |
| 113 tert-Butylbenzene | 119 | 9.500 | 9.500 | 0.000 | 91 | 175384 | 20.0 | 18.6 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.537 | 9.537 | 0.000 | 99 | 222449 | 20.0 | 18.7 | |
| 115 sec-Butylbenzene | 105 | 9.665 | 9.665 | 0.000 | 98 | 284651 | 20.0 | 19.6 | |
| 116 1,3-Dichlorobenzene | 146 | 9.726 | 9.726 | 0.000 | 92 | 126611 | 20.0 | 20.9 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.781 | 9.781 | 0.000 | 98 | 252714 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.781 | 9.781 | 0.000 | 97 | 233429 | 20.0 | 18.6 | |
| 118 1,4-Dichlorobenzene | 146 | 9.793 | 9.793 | 0.000 | 95 | 132556 | 20.0 | 21.5 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.848 | 9.848 | 0.000 | 99 | 235009 | 20.0 | 19.5 | |
| 121 Benzyl chloride | 126 | 9.902 | 9.902 | 0.000 | 97 | 20454 | 20.0 | 16.6 | |
| 122 2,3-Dihydroindene | 117 | 9.982 | 9.982 | 0.000 | 93 | 211919 | 20.0 | 21.8 | |
| 124 p-Diethylbenzene | 119 | 10.061 | 10.061 | 0.000 | 90 | 146781 | 20.0 | 19.3 | |
| 123 1,2-Dichlorobenzene | 146 | 10.061 | 10.061 | 0.000 | 89 | 124553 | 20.0 | 21.8 | |
| 125 n-Butylbenzene | 92 | 10.079 | 10.079 | 0.000 | 98 | 150050 | 20.0 | 21.3 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.604 | 10.604 | 0.000 | 96 | 153646 | 20.0 | 13.1 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.616 | 10.616 | 0.000 | 89 | 9822 | 20.0 | 15.5 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.762 | 10.762 | 0.000 | 95 | 86269 | 20.0 | 17.6 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.177 | 11.177 | 0.000 | 94 | 71435 | 20.0 | 15.5 | |
| 130 Hexachlorobutadiene | 225 | 11.305 | 11.305 | 0.000 | 93 | 42371 | 20.0 | 18.1 | |
| 131 Naphthalene | 128 | 11.341 | 11.341 | 0.000 | 99 | 134609 | 20.0 | 13.8 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.518 | 11.518 | 0.000 | 95 | 67044 | 20.0 | 16.3 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 43.2 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 38.5 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 35.9 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 98.2 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

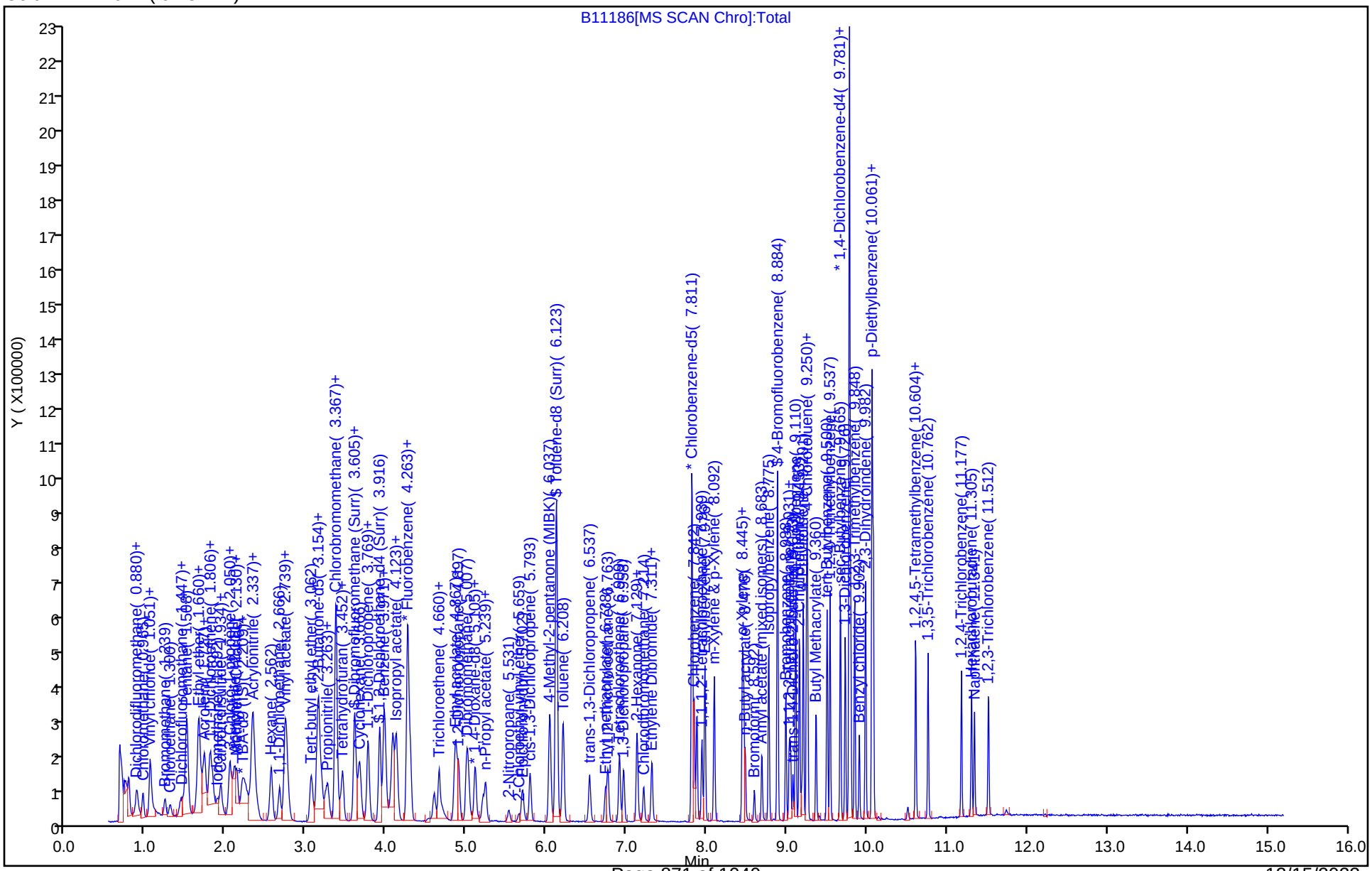
Report Date: 14-Dec-2023 11:46:47 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11186.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Dec-2023 06:09:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

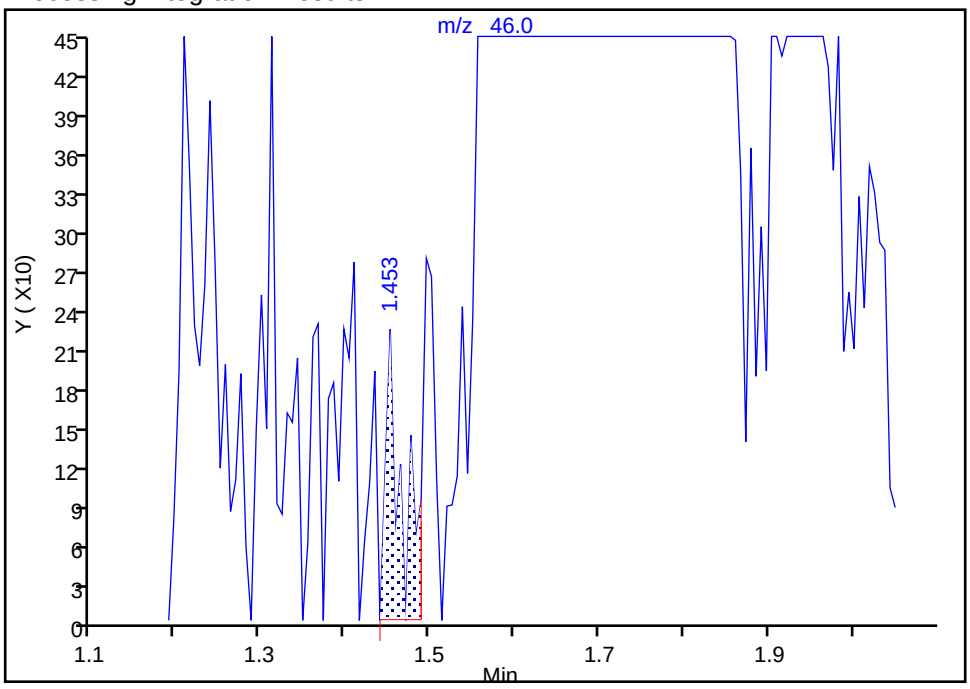
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Injection Date: 14-Dec-2023 06:09:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 14 Ethanol, CAS: 64-17-5

Signal: 1

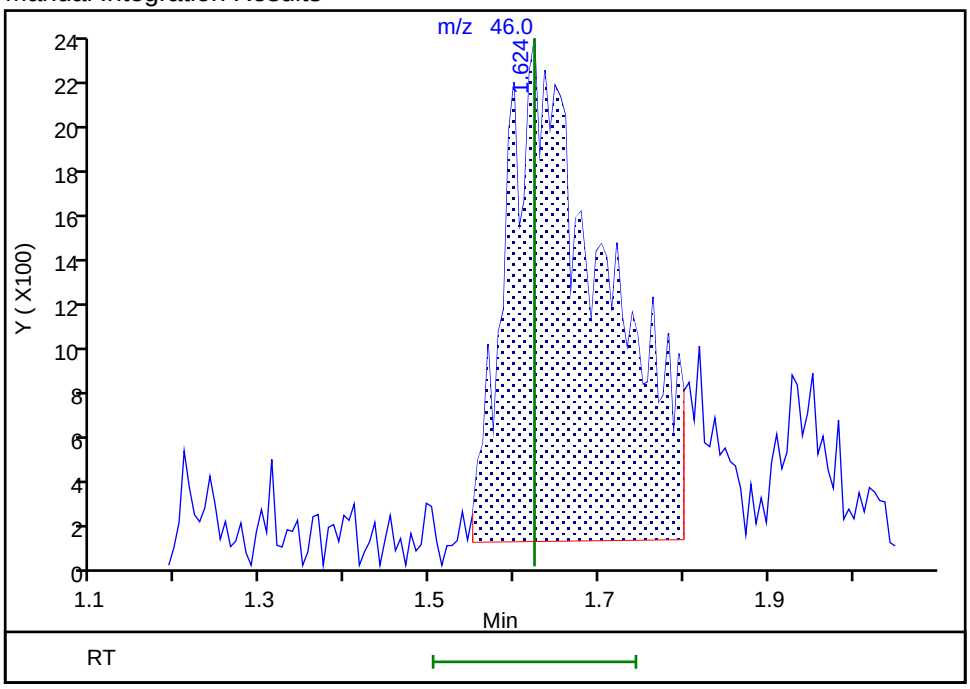
Processing Integration Results

RT: 1.45
Area: 299
Amount: 15.346073
Amount Units: ug/l




Manual Integration Results

RT: 1.62
Area: 18160
Amount: 932.0558
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 06:42:35 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

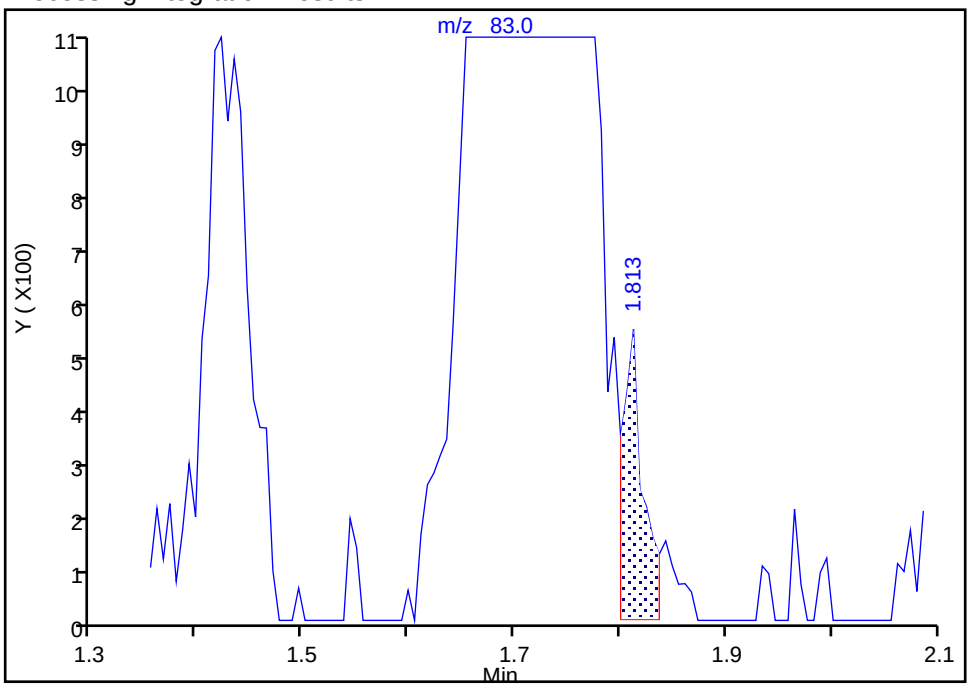
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Injection Date: 14-Dec-2023 06:09:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 17 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

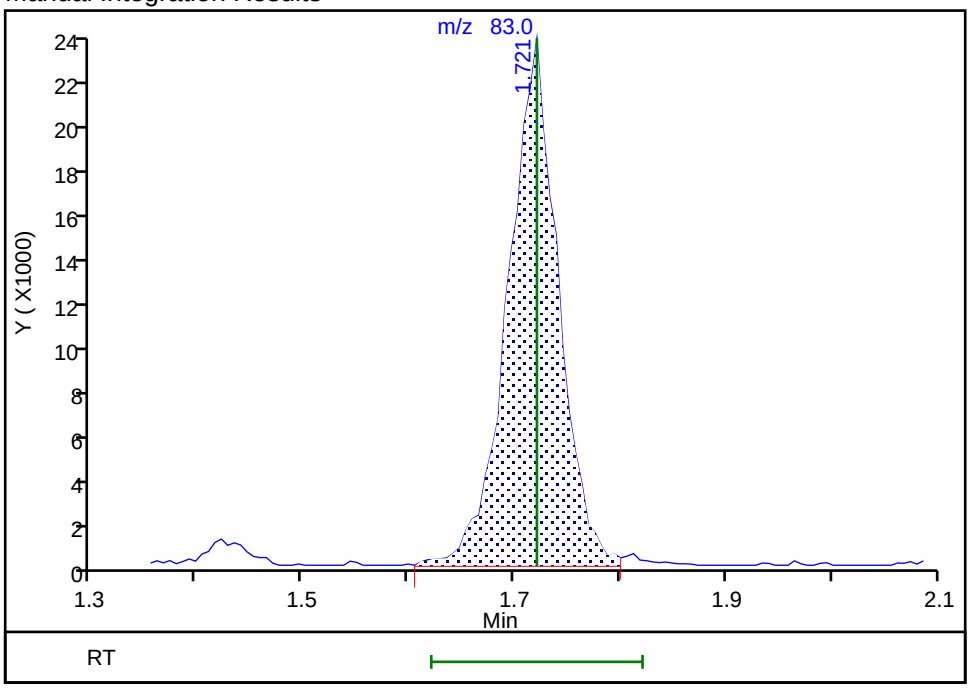
Processing Integration Results

RT: 1.81
Area: 721
Amount: 0.207271
Amount Units: ug/l




Manual Integration Results

RT: 1.72
Area: 78074
Amount: 22.413462
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 06:42:47 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

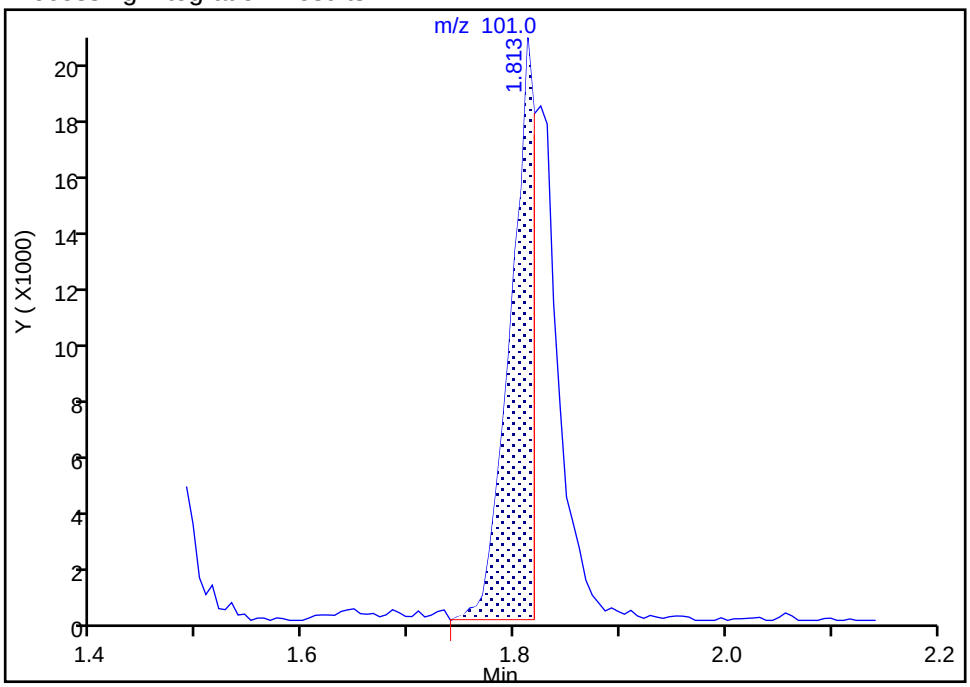
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Injection Date: 14-Dec-2023 06:09:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

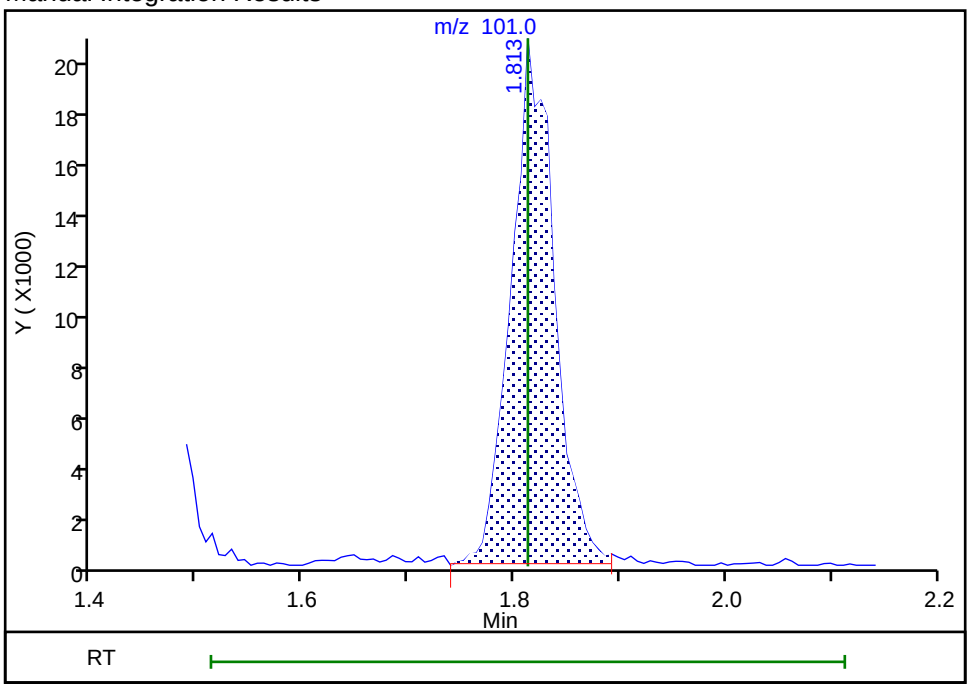
Processing Integration Results

RT: 1.81
Area: 33646
Amount: 14.389548
Amount Units: ug/l




Manual Integration Results

RT: 1.81
Area: 58515
Amount: 24.990844
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 06:43:00 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

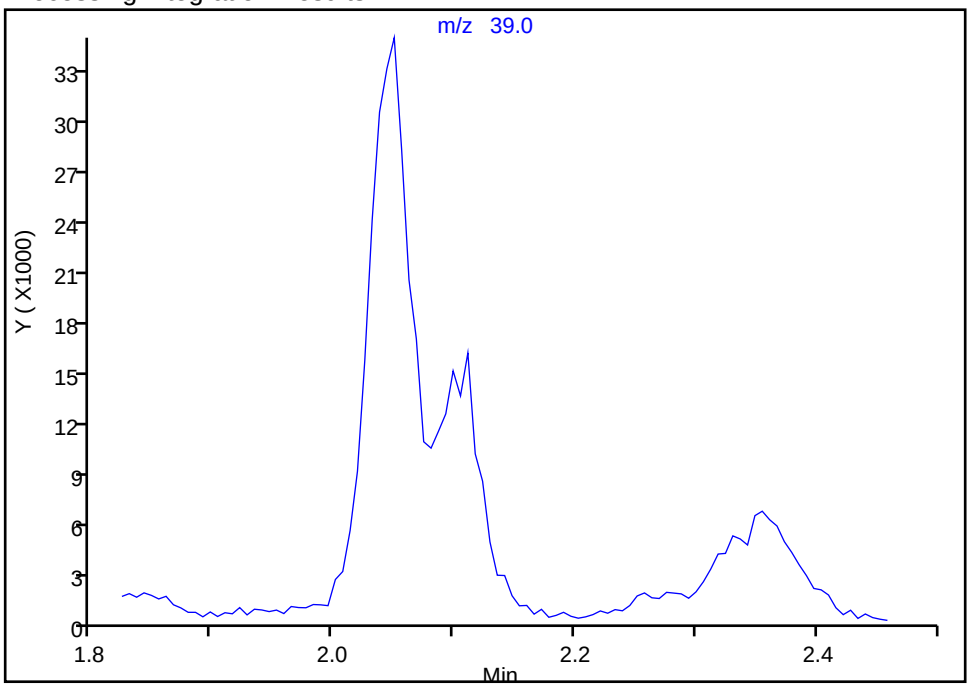
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11186.D
Injection Date: 14-Dec-2023 06:09:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

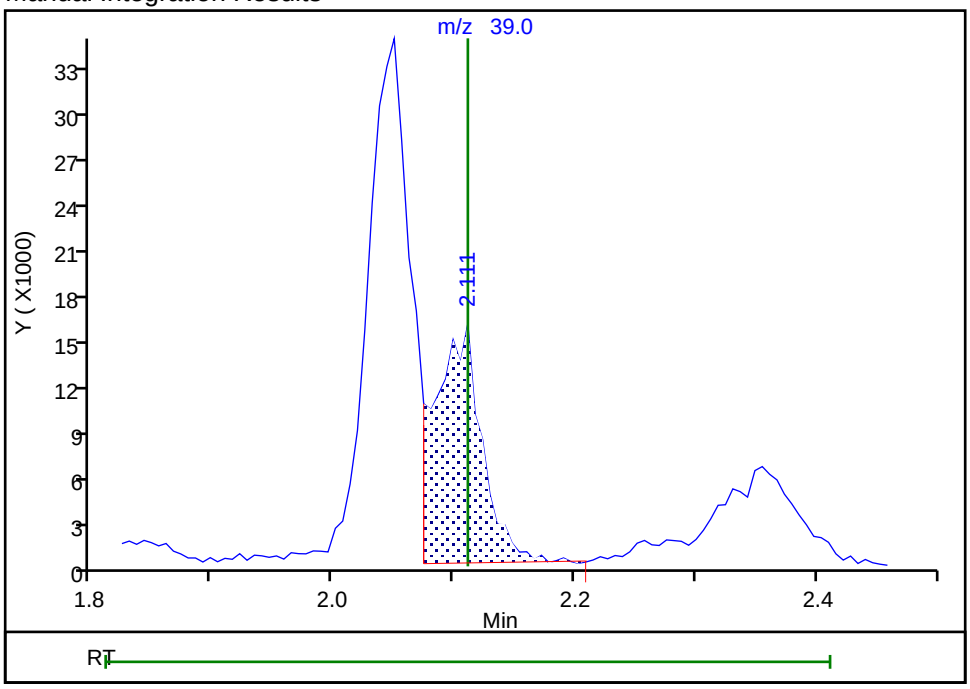
Not Detected
Expected RT: 2.11

Processing Integration Results




Manual Integration Results

RT: 2.11
Area: 42652
Amount: 224.9605
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 06:43:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

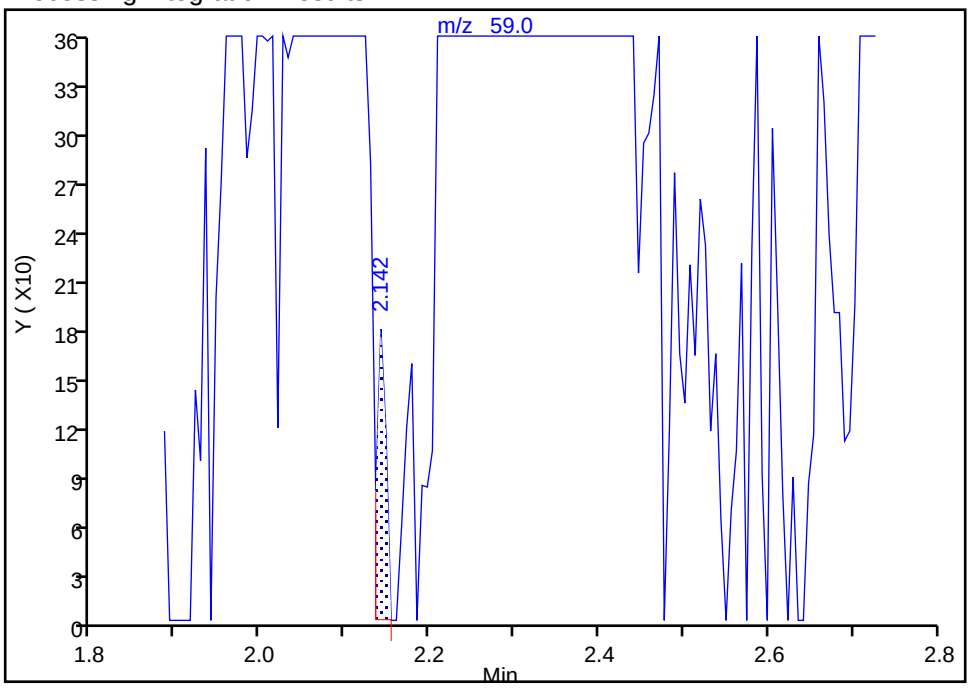
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11186.D
Injection Date: 14-Dec-2023 06:09:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

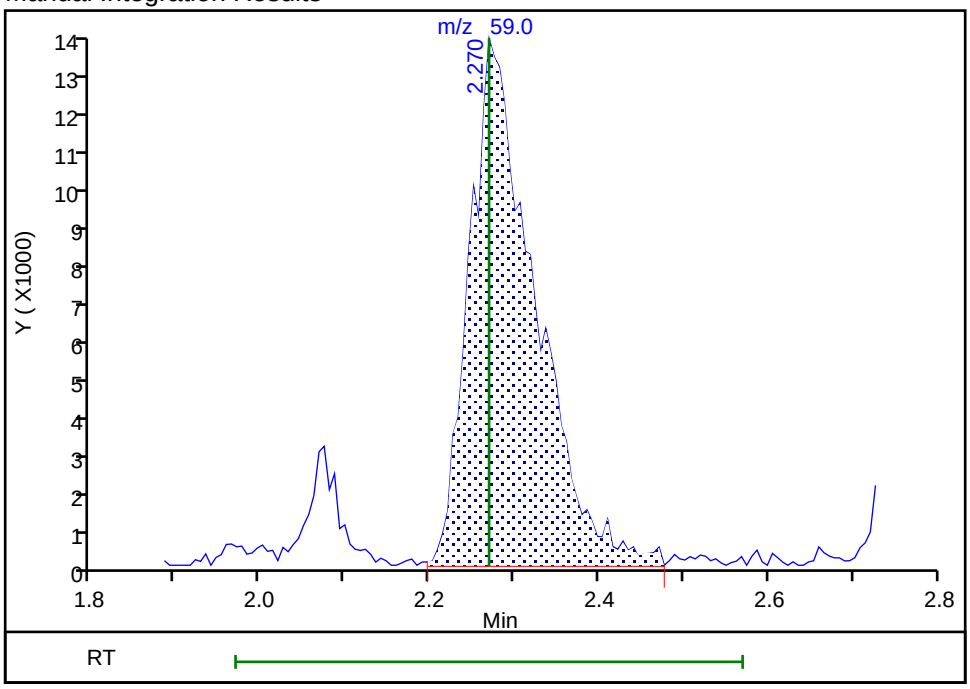
Processing Integration Results

RT: 2.14
Area: 135
Amount: 0.353011
Amount Units: ug/l




Manual Integration Results

RT: 2.27
Area: 71526
Amount: 187.0330
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 06:43:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

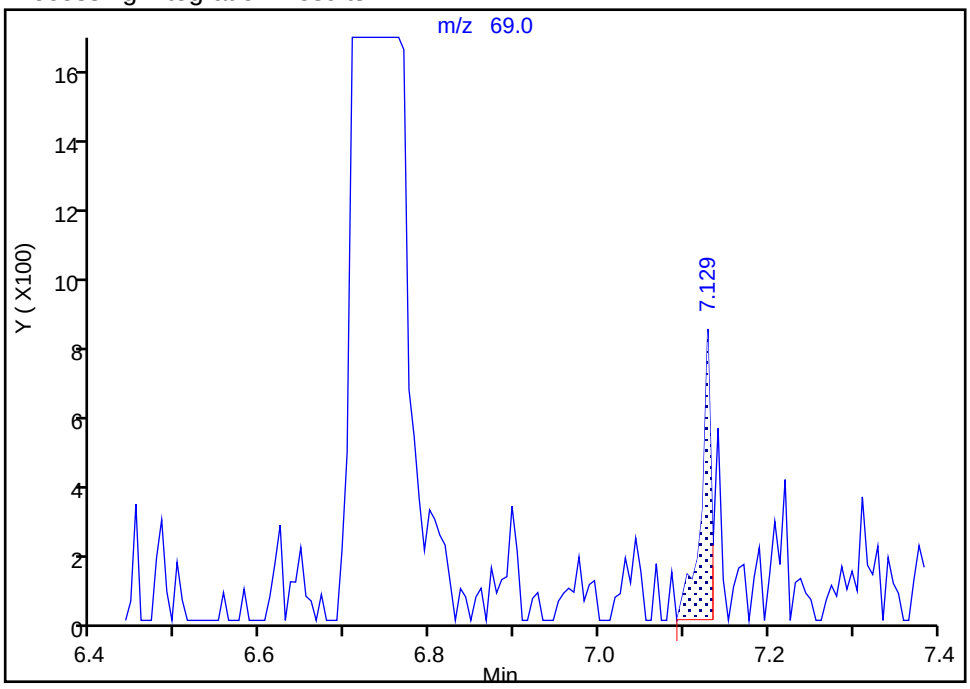
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11186.D
Injection Date: 14-Dec-2023 06:09:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 84 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

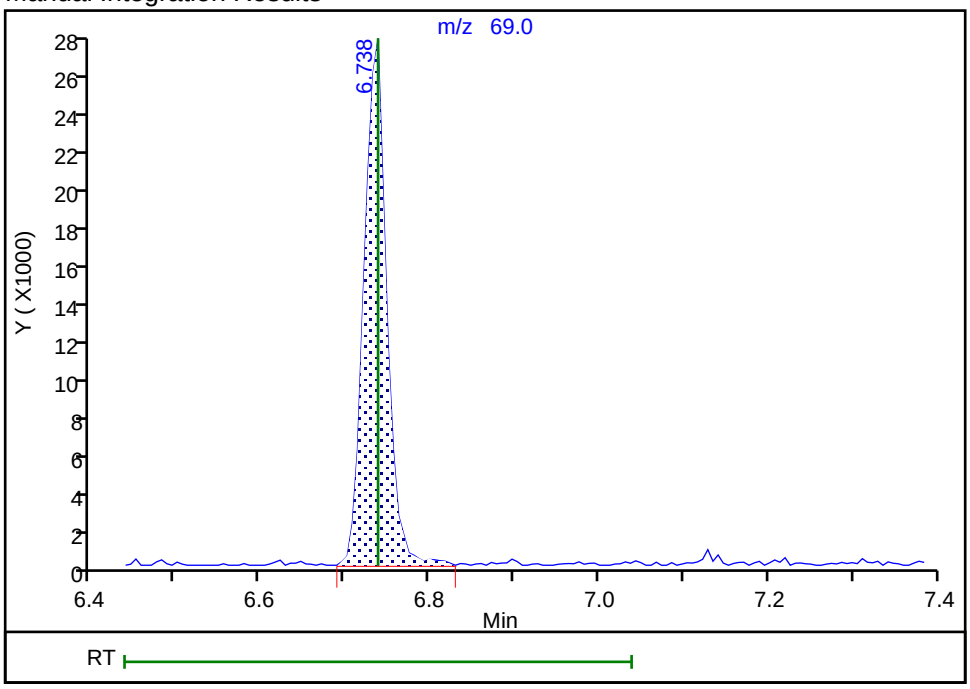
Processing Integration Results

RT: 7.13
Area: 657
Amount: 0.202515
Amount Units: ug/l




Manual Integration Results

RT: 6.74
Area: 50593
Amount: 15.573396
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 07:55:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-948537/22 Calibration Date: 12/07/2023 12:38

Instrument ID: CVOAMS4 Calib Start Date: 12/07/2023 06:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 12/07/2023 11:06

Lab File ID: D10372.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | QuaF | | 0.1568 | | 12.9 | 20.0 | -35.5* | 30.0 |
| Dichlorodifluoromethane | Ave | 0.7340 | 0.6014 | 0.1000 | 16.4 | 20.0 | -18.1 | 30.0 |
| Chlorodifluoromethane | Qua | | 0.8960 | | 16.6 | 20.0 | -17.0 | 30.0 |
| Chloromethane | Ave | 0.7322 | 0.6445 | 0.1000 | 17.6 | 20.0 | -12.0 | 30.0 |
| Vinyl chloride | Ave | 0.6673 | 0.6789 | 0.1000 | 20.3 | 20.0 | 1.7 | 30.0 |
| Butadiene | Ave | 0.6327 | 0.6324 | | 20.0 | 20.0 | -0.0 | 30.0 |
| Bromomethane | Ave | 0.3514 | 0.3606 | 0.1000 | 20.5 | 20.0 | 2.6 | 30.0 |
| Chloroethane | Ave | 0.3617 | 0.3673 | 0.1000 | 20.3 | 20.0 | 1.5 | 30.0 |
| Trichlorofluoromethane | Ave | 0.7808 | 0.8179 | 0.1000 | 21.0 | 20.0 | 4.8 | 30.0 |
| Dichlorofluoromethane | Ave | 1.040 | 1.054 | | 20.3 | 20.0 | 1.3 | 30.0 |
| Pentane | Ave | 0.1042 | 0.0965 | | 37.1 | 40.0 | -7.3 | 30.0 |
| Ethanol | Ave | 0.1215 | 0.1215 | | 800 | 800 | 0.0 | 30.0 |
| Ethyl ether | Ave | 0.3643 | 0.3297 | | 18.1 | 20.0 | -9.5 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.5175 | 0.5179 | | 20.0 | 20.0 | 0.0 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.4127 | 0.4390 | | 21.3 | 20.0 | 6.4 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.7552 | 0.8110 | | 21.5 | 20.0 | 7.4 | 30.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.5157 | 0.5239 | 0.1000 | 20.3 | 20.0 | 1.6 | 30.0 |
| Acrolein | Ave | 0.0726 | 0.0440 | | 179 | 296 | -39.4* | 30.0 |
| 1,1-Dichloroethene | Ave | 0.4683 | 0.4618 | 0.1000 | 19.7 | 20.0 | -1.4 | 30.0 |
| Acetone | Ave | 2.349 | 1.916 | 0.0500 | 81.6 | 100 | -18.4 | 30.0 |
| Iodomethane | QuaF | | 0.5768 | | 19.2 | 20.0 | -4.0 | 30.0 |
| Carbon disulfide | Ave | 1.754 | 1.425 | 0.1000 | 16.2 | 20.0 | -18.8 | 30.0 |
| Isopropyl alcohol | Ave | 1.441 | 1.405 | | 195 | 200 | -2.5 | 30.0 |
| 3-Chloro-1-propene | QuaF | | 0.0856 | | 9.06 | 20.0 | -54.7* | 30.0 |
| Cyclopentene | Ave | 1.146 | 1.177 | | 20.5 | 20.0 | 2.6 | 30.0 |
| Methyl acetate | Ave | 0.2164 | 0.1624 | 0.1000 | 30.0 | 40.0 | -24.9 | 30.0 |
| Acetonitrile | Ave | 0.0240 | 0.0213 | | 178 | 200 | -10.9 | 30.0 |
| Methylene Chloride | Ave | 0.5053 | 0.4604 | 0.1000 | 18.2 | 20.0 | -8.9 | 30.0 |
| 2-Methyl-2-propanol | Ave | 1.906 | 1.763 | | 185 | 200 | -7.5 | 30.0 |
| Methyl tert-butyl ether | Ave | 1.083 | 1.050 | 0.1000 | 19.4 | 20.0 | -3.1 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.5104 | 0.4818 | 0.1000 | 18.9 | 20.0 | -5.6 | 30.0 |
| Acrylonitrile | Ave | 6.989 | 7.185 | | 206 | 200 | 2.8 | 30.0 |
| Hexane | Ave | 0.8779 | 0.7564 | | 17.2 | 20.0 | -13.8 | 30.0 |
| Isopropyl ether | Ave | 1.522 | 1.459 | | 19.2 | 20.0 | -4.2 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.8809 | 0.8222 | 0.2000 | 18.7 | 20.0 | -6.7 | 30.0 |
| Vinyl acetate | Ave | 0.0576 | 0.0518 | | 36.0 | 40.0 | -9.9 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.4517 | 0.4536 | | 20.1 | 20.0 | 0.4 | 30.0 |
| Tert-butyl ethyl ether | Ave | 1.292 | 1.256 | | 19.4 | 20.0 | -2.8 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.1830 | 0.1870 | | 20.4 | 20.0 | 2.2 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-948537/22  Calibration Date: 12/07/2023 12:38

Instrument ID: CVOAMS4  Calib Start Date: 12/07/2023 06:05

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 12/07/2023 11:06

Lab File ID: D10372.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | Ave | 0.5138 | 0.4959 | 0.1000 | 19.3 | 20.0 | -3.5 | 30.0 |
| 2-Butanone (MEK) | Ave | 0.7611 | 0.6919 | 0.0500 | 90.9 | 100 | -9.1 | 30.0 |
| Ethyl acetate | Ave | 0.6470 | 0.6568 | | 40.6 | 40.0 | 1.5 | 30.0 |
| Methyl acrylate | Ave | 0.3231 | 0.2852 | | 17.7 | 20.0 | -11.7 | 30.0 |
| Propionitrile | Ave | 0.8194 | 0.7731 | | 189 | 200 | -5.6 | 30.0 |
| Tetrahydrofuran | Ave | 0.7426 | 0.7068 | | 38.1 | 40.0 | -4.8 | 30.0 |
| Chlorobromomethane | Ave | 0.1754 | 0.1639 | | 18.7 | 20.0 | -6.5 | 30.0 |
| Methacrylonitrile | Ave | 0.1410 | 0.1326 | | 188 | 200 | -6.0 | 30.0 |
| Chloroform | Ave | 0.8260 | 0.8122 | 0.2000 | 19.7 | 20.0 | -1.7 | 30.0 |
| Cyclohexane | Ave | 0.7652 | 0.7160 | 0.1000 | 18.7 | 20.0 | -6.4 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.7178 | 0.7120 | 0.1000 | 19.8 | 20.0 | -0.8 | 30.0 |
| Carbon tetrachloride | Ave | 0.5568 | 0.5821 | 0.1000 | 20.9 | 20.0 | 4.5 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.7313 | 0.6852 | | 18.7 | 20.0 | -6.3 | 30.0 |
| Isobutyl alcohol | Ave | 1.728 | 1.783 | | 516 | 500 | 3.2 | 30.0 |
| Benzene | Ave | 2.989 | 2.917 | 0.5000 | 19.5 | 20.0 | -2.4 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.3320 | 0.3097 | | 18.7 | 20.0 | -6.7 | 30.0 |
| Isopropyl acetate | Ave | 0.1939 | 0.1801 | | 18.6 | 20.0 | -7.1 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.5341 | 0.5152 | 0.1000 | 19.3 | 20.0 | -3.5 | 30.0 |
| n-Heptane | Ave | 0.8812 | 0.7915 | | 18.0 | 20.0 | -10.2 | 30.0 |
| n-Butanol | Ave | 0.5421 | 0.5202 | | 480 | 500 | -4.0 | 30.0 |
| Trichloroethene | Ave | 0.5098 | 0.4919 | 0.2000 | 19.3 | 20.0 | -3.5 | 30.0 |
| Methylcyclohexane | Ave | 0.9031 | 0.8539 | 0.1000 | 18.9 | 20.0 | -5.5 | 30.0 |
| Ethyl acrylate | Ave | 0.4388 | 0.4390 | | 20.0 | 20.0 | 0.0 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4802 | 0.4660 | 0.1000 | 19.4 | 20.0 | -3.0 | 30.0 |
| Methyl methacrylate | Ave | 0.0863 | 0.0801 | | 37.1 | 40.0 | -7.2 | 30.0 |
| 1,4-Dioxane | Ave | 2.279 | 2.155 | | 378 | 400 | -5.4 | 30.0 |
| Dibromomethane | Ave | 0.2196 | 0.2222 | | 20.2 | 20.0 | 1.2 | 30.0 |
| n-Propyl acetate | Ave | 0.4756 | 0.4397 | | 18.5 | 20.0 | -7.6 | 30.0 |
| Dichlorobromomethane | Ave | 0.5510 | 0.5367 | 0.2000 | 19.5 | 20.0 | -2.6 | 30.0 |
| 2-Nitropropane | Ave | 0.0732 | 0.0620 | | 33.9 | 40.0 | -15.3 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1946 | 0.1876 | | 19.3 | 20.0 | -3.6 | 30.0 |
| Epichlorohydrin | QuaF | | 0.1149 | | 14.7 | 20.0 | -26.5 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 1.064 | 0.9536 | 0.2000 | 17.9 | 20.0 | -10.4 | 30.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 5.227 | 5.385 | 0.0500 | 103 | 100 | 3.0 | 30.0 |
| Toluene | Ave | 3.010 | 2.857 | 0.4000 | 19.0 | 20.0 | -5.1 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.8894 | 0.8409 | 0.1000 | 18.9 | 20.0 | -5.5 | 30.0 |
| Ethyl methacrylate | Ave | 0.4168 | 0.3971 | | 19.1 | 20.0 | -4.7 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.4376 | 0.4324 | 0.1000 | 19.8 | 20.0 | -1.2 | 30.0 |
| Tetrachloroethene | Ave | 0.7355 | 0.7216 | 0.2000 | 19.6 | 20.0 | -1.9 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.8839 | 0.8462 | | 19.1 | 20.0 | -4.3 | 30.0 |
| 2-Hexanone | Ave | 3.749 | 3.656 | 0.0500 | 97.5 | 100 | -2.5 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-948537/22 Calibration Date: 12/07/2023 12:38

Instrument ID: CVOAMS4 Calib Start Date: 12/07/2023 06:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 12/07/2023 11:06

Lab File ID: D10372.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| n-Butyl acetate | Ave | 0.1291 | 0.1214 | | 18.8 | 20.0 | -6.0 | 30.0 |
| Chlorodibromomethane | Ave | 0.5636 | 0.5503 | 0.1000 | 19.5 | 20.0 | -2.4 | 30.0 |
| Ethylene Dibromide | Ave | 0.4769 | 0.4491 | 0.1000 | 18.8 | 20.0 | -5.8 | 30.0 |
| Chlorobenzene | Ave | 1.780 | 1.737 | 0.5000 | 19.5 | 20.0 | -2.4 | 30.0 |
| Ethylbenzene | Ave | 0.996 | 0.9672 | 0.1000 | 19.4 | 20.0 | -2.9 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.5782 | 0.5817 | | 20.1 | 20.0 | 0.6 | 30.0 |
| m-Xylene & p-Xylene | Ave | 1.219 | 1.194 | 0.1000 | 19.6 | 20.0 | -2.0 | 30.0 |
| n-Butyl acrylate | Ave | 0.3473 | 0.3314 | | 19.1 | 20.0 | -4.6 | 30.0 |
| o-Xylene | Ave | 1.149 | 1.121 | 0.3000 | 19.5 | 20.0 | -2.5 | 30.0 |
| Styrene | Ave | 1.832 | 1.818 | 0.3000 | 19.9 | 20.0 | -0.7 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 1.554 | 1.509 | | 19.4 | 20.0 | -2.9 | 30.0 |
| Bromoform | Ave | 0.3479 | 0.3110 | 0.1000 | 17.9 | 20.0 | -10.6 | 30.0 |
| Isopropylbenzene | Ave | 3.066 | 3.121 | 0.1000 | 20.4 | 20.0 | 1.8 | 30.0 |
| Bromobenzene | Ave | 1.306 | 1.283 | | 19.6 | 20.0 | -1.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.123 | 1.083 | 0.3000 | 19.3 | 20.0 | -3.6 | 30.0 |
| N-Propylbenzene | Ave | 7.234 | 7.476 | | 20.7 | 20.0 | 3.3 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.3023 | 0.3033 | | 20.1 | 20.0 | 0.3 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.3496 | 0.3272 | | 18.7 | 20.0 | -6.4 | 30.0 |
| 4-Ethyltoluene | Ave | 5.827 | 5.986 | | 20.5 | 20.0 | 2.7 | 30.0 |
| 2-Chlorotoluene | Ave | 4.797 | 4.860 | | 20.3 | 20.0 | 1.3 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 4.983 | 5.021 | | 20.2 | 20.0 | 0.8 | 30.0 |
| 4-Chlorotoluene | Ave | 4.339 | 4.371 | | 20.1 | 20.0 | 0.7 | 30.0 |
| Butyl Methacrylate | Ave | 1.296 | 1.272 | | 19.6 | 20.0 | -1.8 | 30.0 |
| tert-Butylbenzene | Ave | 4.290 | 4.369 | | 20.4 | 20.0 | 1.8 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 4.869 | 4.836 | | 19.9 | 20.0 | -0.7 | 30.0 |
| sec-Butylbenzene | Ave | 6.548 | 6.868 | | 21.0 | 20.0 | 4.9 | 30.0 |
| 4-Isopropyltoluene | Ave | 5.324 | 5.465 | | 20.5 | 20.0 | 2.7 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 2.576 | 2.584 | 0.6000 | 20.1 | 20.0 | 0.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 2.606 | 2.591 | 0.5000 | 19.9 | 20.0 | -0.6 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 4.914 | 4.777 | | 19.4 | 20.0 | -2.8 | 30.0 |
| Benzyl chloride | QuaF | | 0.3373 | | 12.8 | 20.0 | -35.8* | 30.0 |
| Indan | Ave | 1.654 | 1.594 | | 19.3 | 20.0 | -3.6 | 30.0 |
| p-Diethylbenzene | Ave | 3.617 | 3.598 | | 19.9 | 20.0 | -0.5 | 30.0 |
| n-Butylbenzene | Ave | 3.045 | 3.120 | | 20.5 | 20.0 | 2.5 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 2.352 | 2.336 | 0.4000 | 19.9 | 20.0 | -0.7 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 4.541 | 4.501 | | 19.8 | 20.0 | -0.9 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.2178 | 0.1987 | 0.0500 | 18.2 | 20.0 | -8.8 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.911 | 1.807 | | 18.9 | 20.0 | -5.5 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 1.580 | 1.526 | 0.2000 | 19.3 | 20.0 | -3.4 | 30.0 |
| Hexachlorobutadiene | Ave | 0.9477 | 0.9899 | | 20.9 | 20.0 | 4.5 | 30.0 |
| Naphthalene | Ave | 3.195 | 2.998 | | 18.8 | 20.0 | -6.2 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: ICV 460-948537/22  Calibration Date: 12/07/2023 12:38

Instrument ID: CVOAMS4  Calib Start Date: 12/07/2023 06:05

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 12/07/2023 11:06

Lab File ID: D10372.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | Ave | 1.382 | 1.335 | | 19.3 | 20.0 | -3.4 | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.3872 | 0.4045 | | 52.2 | 50.0 | 4.5 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.4109 | 0.4132 | | 50.3 | 50.0 | 0.6 | 30.0 |
| Toluene-d8 (Surr) | Ave | 2.277 | 2.417 | | 53.1 | 50.0 | 6.2 | 30.0 |
| 4-Bromofluorobenzene | Ave | 1.177 | 1.251 | | 53.1 | 50.0 | 6.3 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10372.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 07-Dec-2023 12:38:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0169812-022
Operator ID: Instrument ID: CVOAMS4
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:35:50 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: PUV6 Date: 07-Dec-2023 13:32:09

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.378 | 1.370 | 0.008 | 88 | 31225 | 20.0 | 12.9 | |
| 2 Dichlorodifluoromethane | 85 | 1.406 | 1.406 | 0.000 | 99 | 119726 | 20.0 | 16.4 | |
| 3 Chlorodifluoromethane | 51 | 1.449 | 1.442 | 0.007 | 97 | 178398 | 20.0 | 16.6 | |
| 4 Chloromethane | 50 | 1.621 | 1.614 | 0.007 | 99 | 128314 | 20.0 | 17.6 | |
| 5 Vinyl chloride | 62 | 1.707 | 1.700 | 0.007 | 99 | 135169 | 20.0 | 20.3 | |
| 6 Butadiene | 54 | 1.736 | 1.729 | 0.007 | 98 | 125912 | 20.0 | 20.0 | |
| 7 Bromomethane | 94 | 2.037 | 2.029 | 0.008 | 98 | 71790 | 20.0 | 20.5 | |
| 8 Chloroethane | 64 | 2.144 | 2.137 | 0.007 | 100 | 73131 | 20.0 | 20.3 | |
| 10 Dichlorofluoromethane | 67 | 2.359 | 2.352 | 0.007 | 99 | 209776 | 20.0 | 20.3 | |
| 9 Trichlorofluoromethane | 101 | 2.352 | 2.352 | 0.000 | 98 | 162833 | 20.0 | 21.0 | |
| 11 Pentane | 72 | 2.409 | 2.402 | 0.007 | 94 | 38444 | 40.0 | 37.1 | |
| 12 Ethanol | 46 | 2.610 | 2.602 | 0.008 | 93 | 15171 | 800.0 | 800.0 | a |
| 13 Ethyl ether | 59 | 2.646 | 2.638 | 0.008 | 95 | 65637 | 20.0 | 18.1 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.660 | 2.653 | 0.007 | 98 | 103102 | 20.0 | 20.0 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.717 | 2.710 | 0.007 | 89 | 87397 | 20.0 | 21.3 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.782 | 2.774 | 0.008 | 96 | 161467 | 20.0 | 21.5 | |
| 18 Acrolein | 56 | 2.846 | 2.839 | 0.007 | 97 | 129704 | 296.3 | 179.5 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.846 | 2.839 | 0.007 | 94 | 104311 | 20.0 | 20.3 | |
| 19 1,1-Dichloroethene | 96 | 2.875 | 2.867 | 0.008 | 97 | 91939 | 20.0 | 19.7 | |
| 20 Acetone | 43 | 2.997 | 2.989 | 0.007 | 86 | 102416 | 100.0 | 81.6 | |
| 21 Iodomethane | 142 | 3.054 | 3.047 | 0.007 | 99 | 114832 | 20.0 | 19.2 | |
| 22 Carbon disulfide | 76 | 3.082 | 3.075 | 0.007 | 99 | 283679 | 20.0 | 16.2 | |
| 23 Isopropyl alcohol | 45 | 3.118 | 3.111 | 0.007 | 98 | 43851 | 200.0 | 195.1 | |
| 24 3-Chloro-1-propene | 76 | 3.269 | 3.261 | 0.008 | 91 | 17039 | 20.0 | 9.06 | |
| 25 Cyclopentene | 67 | 3.283 | 3.276 | 0.007 | 96 | 234251 | 20.0 | 20.5 | |
| 26 Methyl acetate | 43 | 3.297 | 3.290 | 0.007 | 100 | 64677 | 40.0 | 30.0 | |
| 27 Acetonitrile | 40 | 3.347 | 3.347 | 0.000 | 99 | 42497 | 200.0 | 178.2 | |
| 28 Methylene Chloride | 84 | 3.419 | 3.419 | 0.000 | 95 | 91666 | 20.0 | 18.2 | |
| * 29 TBA-d9 (IS) | 65 | 3.426 | 3.419 | 0.007 | 0 | 156036 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.512 | 3.505 | 0.007 | 99 | 55003 | 200.0 | 185.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.613 | 3.612 | 0.001 | 97 | 209056 | 20.0 | 19.4 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 97 | 95915 | 20.0 | 18.9 | |
| 33 Acrylonitrile | 53 | 3.741 | 3.734 | 0.007 | 94 | 224216 | 200.0 | 205.6 | |
| 34 Hexane | 57 | 3.842 | 3.834 | 0.008 | 94 | 150590 | 20.0 | 17.2 | |
| 35 Isopropyl ether | 45 | 4.107 | 4.107 | 0.000 | 99 | 290414 | 20.0 | 19.2 | |
| 36 1,1-Dichloroethane | 63 | 4.135 | 4.128 | 0.007 | 99 | 163696 | 20.0 | 18.7 | |
| 37 Vinyl acetate | 86 | 4.171 | 4.164 | 0.007 | 100 | 20646 | 40.0 | 36.0 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.186 | 4.178 | 0.008 | 92 | 90310 | 20.0 | 20.1 | |
| 39 Tert-butyl ethyl ether | 59 | 4.501 | 4.493 | 0.008 | 89 | 250113 | 20.0 | 19.4 | |
| 40 2,2-Dichloropropane | 79 | 4.730 | 4.723 | 0.007 | 93 | 37237 | 20.0 | 20.4 | |
| * 41 2-Butanone-d5 | 46 | 4.737 | 4.730 | 0.007 | 95 | 133624 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.766 | 4.766 | 0.000 | 97 | 98741 | 20.0 | 19.3 | |
| 43 2-Butanone (MEK) | 72 | 4.802 | 4.794 | 0.008 | 98 | 36980 | 100.0 | 90.9 | |
| 44 Ethyl acetate | 70 | 4.823 | 4.816 | 0.007 | 99 | 14043 | 40.0 | 40.6 | |
| 45 Methyl acrylate | 55 | 4.880 | 4.873 | 0.007 | 100 | 56786 | 20.0 | 17.7 | |
| 46 Propionitrile | 54 | 4.966 | 4.959 | 0.007 | 98 | 82645 | 200.0 | 188.7 | |
| 47 Tetrahydrofuran | 72 | 5.038 | 5.031 | 0.007 | 95 | 15112 | 40.0 | 38.1 | |
| 48 Chlorobromomethane | 128 | 5.045 | 5.038 | 0.007 | 91 | 32641 | 20.0 | 18.7 | |
| 49 Methacrylonitrile | 67 | 5.088 | 5.081 | 0.007 | 93 | 263914 | 200.0 | 188.1 | |
| 50 Chloroform | 83 | 5.124 | 5.117 | 0.007 | 99 | 161712 | 20.0 | 19.7 | |
| 51 Cyclohexane | 84 | 5.253 | 5.246 | 0.007 | 93 | 142555 | 20.0 | 18.7 | |
| 52 1,1,1-Trichloroethane | 97 | 5.282 | 5.274 | 0.008 | 98 | 141764 | 20.0 | 19.8 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.310 | 5.303 | 0.007 | 96 | 201344 | 50.0 | 52.2 | |
| 54 Carbon tetrachloride | 117 | 5.425 | 5.418 | 0.007 | 98 | 115903 | 20.0 | 20.9 | |
| 55 1,1-Dichloropropene | 75 | 5.468 | 5.468 | 0.000 | 97 | 136416 | 20.0 | 18.7 | |
| 56 Isobutyl alcohol | 43 | 5.675 | 5.668 | 0.007 | 92 | 139076 | 500.0 | 515.9 | |
| 57 Benzene | 78 | 5.711 | 5.704 | 0.007 | 98 | 370676 | 20.0 | 19.5 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.740 | 5.733 | 0.007 | 99 | 205683 | 50.0 | 50.3 | |
| 59 Tert-amyl methyl ether | 87 | 5.819 | 5.811 | 0.008 | 96 | 61669 | 20.0 | 18.7 | |
| 60 Isopropyl acetate | 61 | 5.826 | 5.819 | 0.007 | 99 | 35858 | 20.0 | 18.6 | |
| 61 1,2-Dichloroethane | 62 | 5.833 | 5.826 | 0.007 | 97 | 102577 | 20.0 | 19.3 | |
| 62 n-Heptane | 43 | 5.933 | 5.926 | 0.007 | 93 | 157590 | 20.0 | 18.0 | |
| * 63 Fluorobenzene | 96 | 6.077 | 6.069 | 0.008 | 98 | 497737 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.499 | 6.492 | 0.007 | 88 | 40585 | 500.0 | 479.8 | |
| 65 Trichloroethene | 95 | 6.514 | 6.506 | 0.008 | 98 | 97944 | 20.0 | 19.3 | |
| 66 Methylcyclohexane | 83 | 6.657 | 6.650 | 0.007 | 97 | 170008 | 20.0 | 18.9 | |
| 67 Ethyl acrylate | 55 | 6.700 | 6.693 | 0.007 | 98 | 87399 | 20.0 | 20.0 | M |
| 68 1,2-Dichloropropane | 63 | 6.865 | 6.857 | 0.008 | 92 | 92773 | 20.0 | 19.4 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.936 | 6.929 | 0.007 | 0 | 16781 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.986 | 6.979 | 0.007 | 90 | 31888 | 40.0 | 37.1 | |
| 71 1,4-Dioxane | 88 | 7.001 | 6.993 | 0.008 | 91 | 14468 | 400.0 | 378.3 | |
| 72 Dibromomethane | 93 | 7.008 | 7.001 | 0.007 | 96 | 44230 | 20.0 | 20.2 | |
| 73 n-Propyl acetate | 43 | 7.051 | 7.044 | 0.007 | 99 | 87534 | 20.0 | 18.5 | |
| 74 Dichlorobromomethane | 83 | 7.180 | 7.172 | 0.008 | 99 | 106853 | 20.0 | 19.5 | |
| 75 2-Nitropropane | 41 | 7.531 | 7.523 | 0.008 | 99 | 24675 | 40.0 | 33.9 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.538 | 7.538 | 0.000 | 96 | 37344 | 20.0 | 19.3 | |
| 77 Epichlorohydrin | 57 | 7.631 | 7.624 | 0.007 | 87 | 1228 | 20.0 | 14.7 | a |
| 78 cis-1,3-Dichloropropene | 75 | 7.681 | 7.674 | 0.007 | 93 | 121172 | 20.0 | 17.9 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.839 | 7.831 | 0.008 | 97 | 287813 | 100.0 | 103.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.896 | 7.896 | 0.000 | 98 | 767770 | 50.0 | 53.1 | |
| 81 Toluene | 91 | 7.968 | 7.960 | 0.008 | 93 | 363047 | 20.0 | 19.0 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.261 | 8.261 | 0.000 | 97 | 106844 | 20.0 | 18.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.297 | 8.290 | 0.007 | 90 | 79062 | 20.0 | 19.1 | |
| 84 1,1,2-Trichloroethane | 83 | 8.433 | 8.426 | 0.007 | 95 | 54946 | 20.0 | 19.8 | |
| 85 Tetrachloroethene | 166 | 8.462 | 8.455 | 0.007 | 97 | 91693 | 20.0 | 19.6 | |
| 86 1,3-Dichloropropane | 76 | 8.591 | 8.591 | 0.000 | 94 | 107518 | 20.0 | 19.1 | |
| 87 2-Hexanone | 43 | 8.641 | 8.641 | 0.000 | 97 | 195408 | 100.0 | 97.5 | |
| 88 n-Butyl acetate | 73 | 8.727 | 8.727 | 0.000 | 98 | 15429 | 20.0 | 18.8 | |
| 89 Chlorodibromomethane | 129 | 8.763 | 8.755 | 0.008 | 98 | 69927 | 20.0 | 19.5 | |
| 90 Ethylene Dibromide | 107 | 8.870 | 8.870 | 0.000 | 98 | 57067 | 20.0 | 18.8 | |
| * 91 Chlorobenzene-d5 | 117 | 9.250 | 9.243 | 0.007 | 89 | 317659 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.278 | 9.271 | 0.007 | 93 | 220710 | 20.0 | 19.5 | |
| 93 Ethylbenzene | 106 | 9.343 | 9.336 | 0.007 | 99 | 122896 | 20.0 | 19.4 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.350 | 9.350 | 0.000 | 95 | 73907 | 20.0 | 20.1 | |
| 95 m-Xylene & p-Xylene | 106 | 9.443 | 9.436 | 0.007 | 0 | 151748 | 20.0 | 19.6 | |
| 96 n-Butyl acrylate | 73 | 9.744 | 9.737 | 0.007 | 96 | 42114 | 20.0 | 19.1 | |
| 97 o-Xylene | 106 | 9.773 | 9.765 | 0.008 | 94 | 142383 | 20.0 | 19.5 | |
| 98 Styrene | 104 | 9.794 | 9.787 | 0.007 | 93 | 231060 | 20.0 | 19.9 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.923 | 9.916 | 0.007 | 91 | 99225 | 20.0 | 19.4 | |
| 100 Bromoform | 173 | 9.966 | 9.959 | 0.007 | 95 | 39522 | 20.0 | 17.9 | |
| 101 Isopropylbenzene | 105 | 10.052 | 10.045 | 0.007 | 96 | 396578 | 20.0 | 20.4 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.210 | 10.210 | 0.000 | 0 | 205770 | 50.0 | 53.1 | |
| 103 Bromobenzene | 156 | 10.324 | 10.317 | 0.007 | 98 | 84389 | 20.0 | 19.6 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.346 | 10.339 | 0.008 | 98 | 71211 | 20.0 | 19.3 | |
| 105 N-Propylbenzene | 91 | 10.367 | 10.367 | 0.000 | 99 | 491739 | 20.0 | 20.7 | |
| 106 1,2,3-Trichloropropane | 110 | 10.389 | 10.381 | 0.008 | 94 | 19950 | 20.0 | 20.1 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.396 | 10.389 | 0.007 | 87 | 21520 | 20.0 | 18.7 | |
| 108 4-Ethyltoluene | 105 | 10.453 | 10.453 | 0.000 | 98 | 393702 | 20.0 | 20.5 | |
| 109 2-Chlorotoluene | 91 | 10.460 | 10.453 | 0.007 | 95 | 319669 | 20.0 | 20.3 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.503 | 10.503 | 0.000 | 93 | 330262 | 20.0 | 20.2 | |
| 111 4-Chlorotoluene | 91 | 10.546 | 10.546 | 0.000 | 98 | 287486 | 20.0 | 20.1 | |
| 112 Butyl Methacrylate | 87 | 10.568 | 10.561 | 0.007 | 94 | 83697 | 20.0 | 19.6 | |
| 113 tert-Butylbenzene | 119 | 10.740 | 10.740 | 0.000 | 93 | 287353 | 20.0 | 20.4 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.790 | 10.783 | 0.007 | 98 | 318100 | 20.0 | 19.9 | |
| 115 sec-Butylbenzene | 105 | 10.905 | 10.897 | 0.007 | 99 | 451751 | 20.0 | 21.0 | |
| 116 4-Isopropyltoluene | 119 | 11.005 | 11.005 | 0.000 | 98 | 359477 | 20.0 | 20.5 | |
| 117 1,3-Dichlorobenzene | 146 | 11.019 | 11.019 | 0.000 | 94 | 169937 | 20.0 | 20.1 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.076 | 11.069 | 0.007 | 96 | 164437 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.091 | 11.091 | 0.000 | 94 | 170426 | 20.0 | 19.9 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.105 | 11.098 | 0.007 | 99 | 314206 | 20.0 | 19.4 | |
| 121 Benzyl chloride | 126 | 11.198 | 11.191 | 0.007 | 98 | 22185 | 20.0 | 12.8 | |
| 122 2,3-Dihydroindene | 117 | 11.255 | 11.248 | 0.007 | 94 | 317390 | 20.0 | 19.3 | |
| 123 p-Diethylbenzene | 119 | 11.284 | 11.277 | 0.007 | 93 | 236688 | 20.0 | 19.9 | |
| 124 n-Butylbenzene | 92 | 11.298 | 11.298 | 0.000 | 96 | 205211 | 20.0 | 20.5 | |
| 125 1,2-Dichlorobenzene | 146 | 11.370 | 11.363 | 0.007 | 95 | 153644 | 20.0 | 19.9 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.893 | 11.893 | 0.000 | 97 | 296033 | 20.0 | 19.8 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 12.008 | 12.000 | 0.008 | 97 | 13068 | 20.0 | 18.2 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.129 | 12.129 | 0.000 | 96 | 118824 | 20.0 | 18.9 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.745 | 12.738 | 0.007 | 94 | 100384 | 20.0 | 19.3 | |
| 130 Hexachlorobutadiene | 225 | 12.853 | 12.853 | 0.000 | 94 | 65109 | 20.0 | 20.9 | |
| 131 Naphthalene | 128 | 13.032 | 13.025 | 0.007 | 99 | 197211 | 20.0 | 18.8 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.311 | 13.304 | 0.007 | 95 | 87777 | 20.0 | 19.3 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 38.2 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 36.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.1 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 97.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260 SP_00173 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN SP_00159 | Amount Added: | 3.00 | Units: uL | |
| 7 Freons SS_00008 | Amount Added: | 2.00 | Units: uL | |
| GAS C SP_00544 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 13-Dec-2023 13:36:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10372.D

Injection Date: 07-Dec-2023 12:38:30 Instrument ID: CVOAMS4 Operator ID:

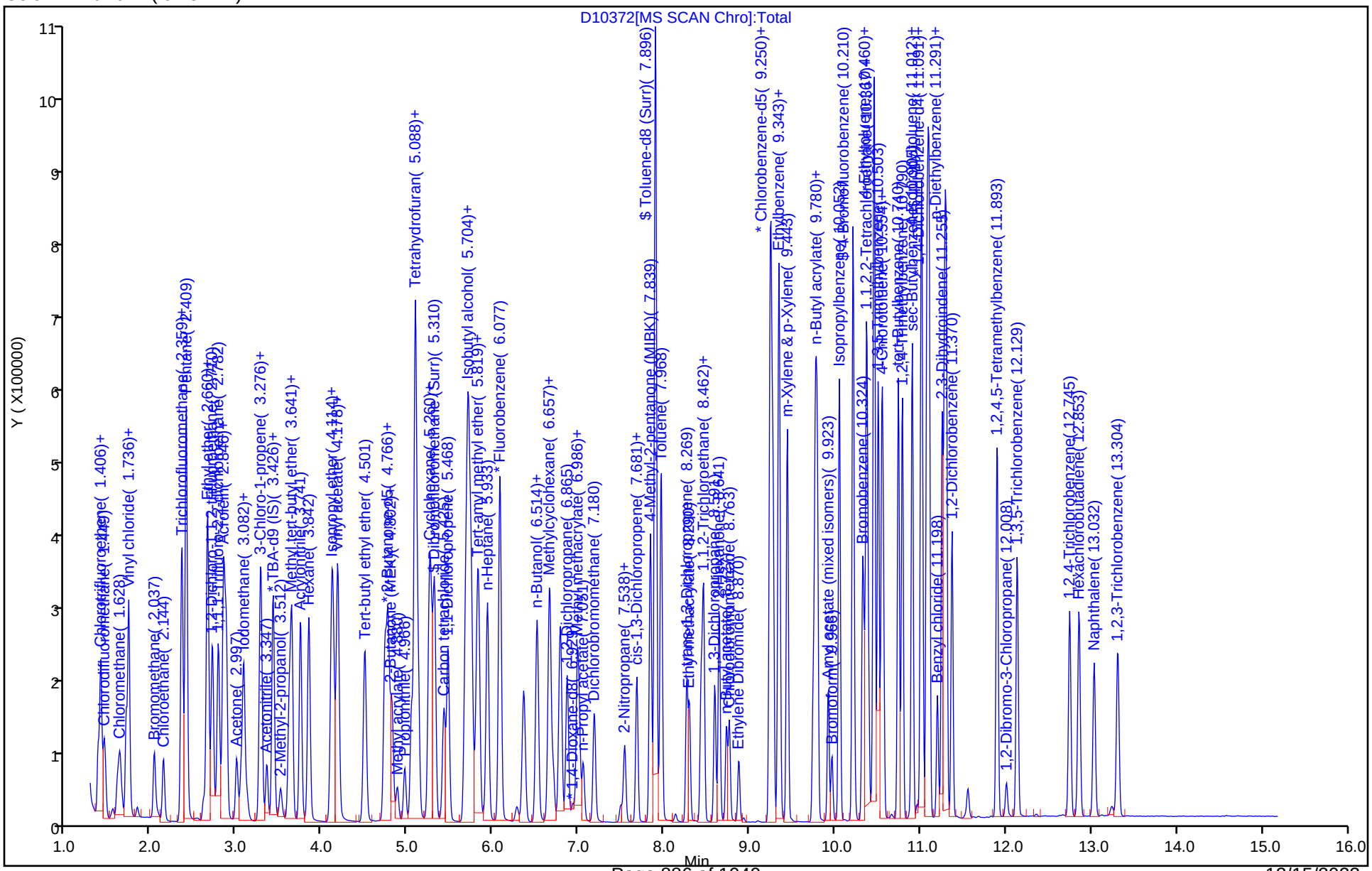
Lims ID: ICV Worklist Smp#: 22

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

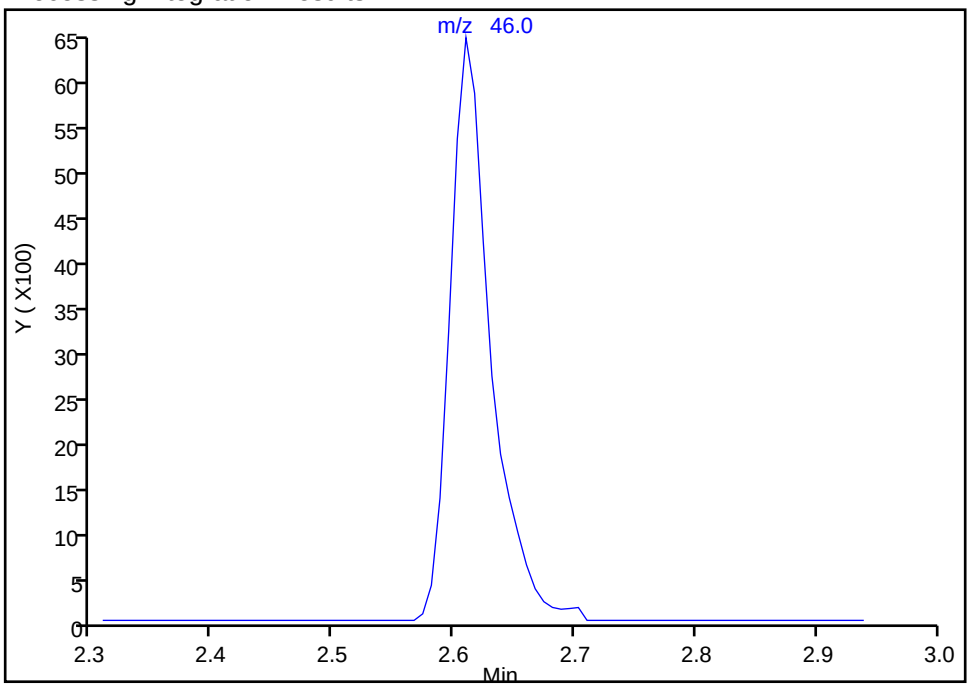
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Injection Date: 07-Dec-2023 12:38:30 Instrument ID: CVOAMS4
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 Ethanol, CAS: 64-17-5

Signal: 1

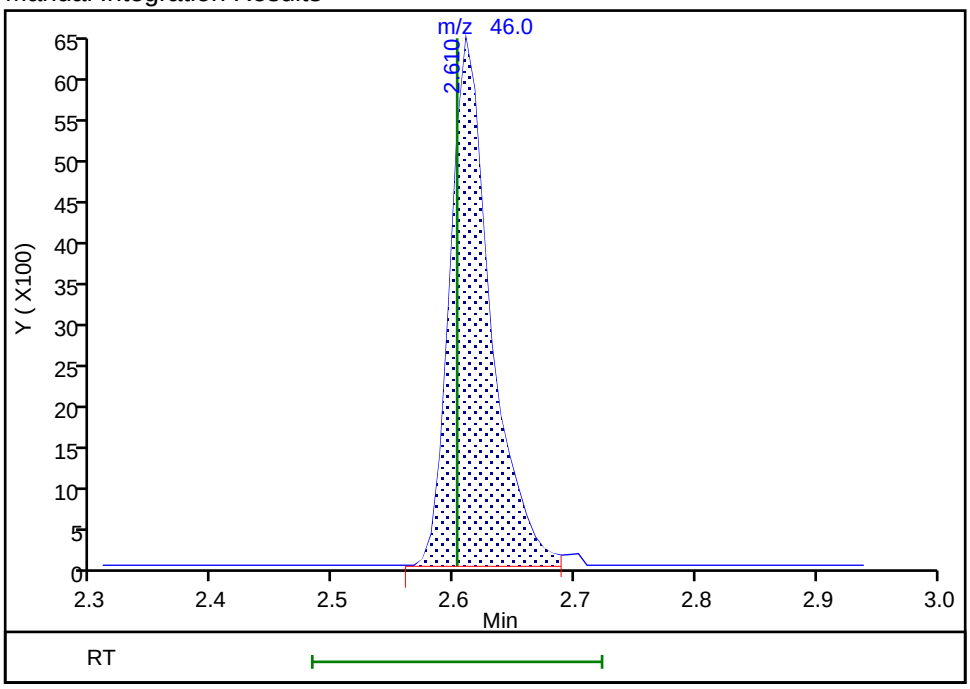
Not Detected
Expected RT: 2.60

Processing Integration Results




Manual Integration Results

RT: 2.61
Area: 15171
Amount: 799.9739
Amount Units: ug/l




Reviewer: PUV6, 07-Dec-2023 13:31:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

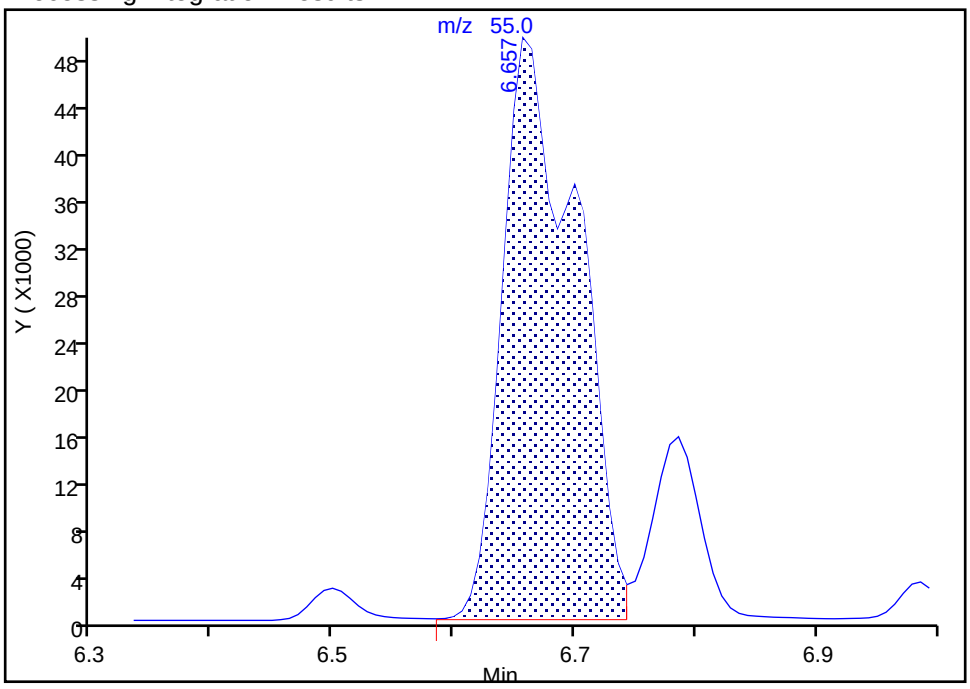
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Injection Date: 07-Dec-2023 12:38:30 Instrument ID: CVOAMS4
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

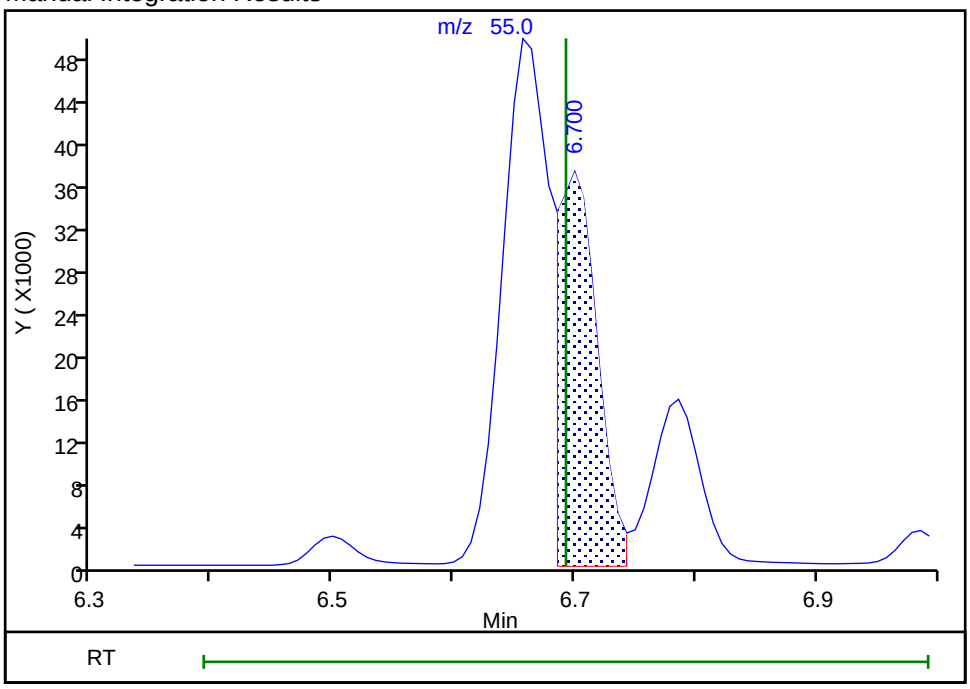
Processing Integration Results

RT: 6.66
Area: 214250
Amount: 49.051650
Amount Units: ug/l




Manual Integration Results

RT: 6.70
Area: 87399
Amount: 20.009639
Amount Units: ug/l




Reviewer: NN6A, 13-Dec-2023 13:31:13 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

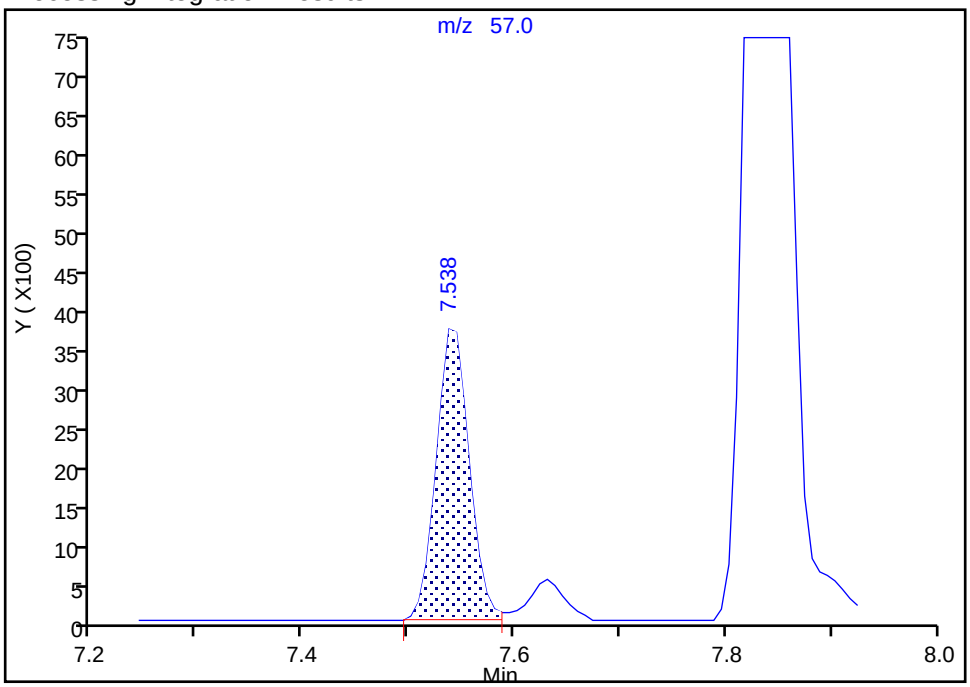
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10372.D
Injection Date: 07-Dec-2023 12:38:30 Instrument ID: CVOAMS4
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 77 Epichlorohydrin, CAS: 106-89-8

Signal: 1

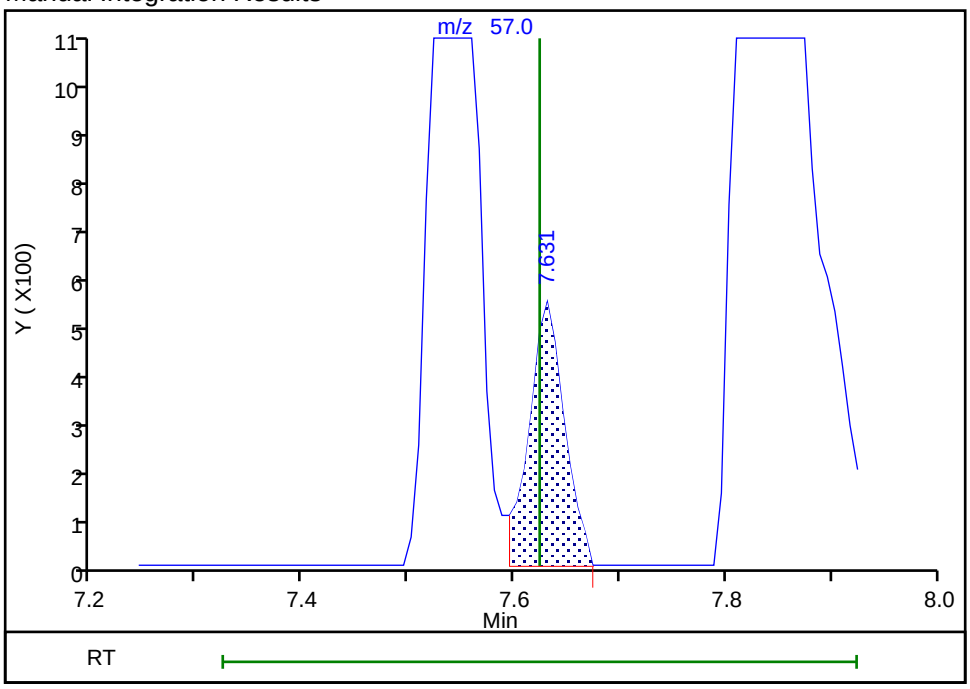
Processing Integration Results

RT: 7.54
Area: 8056
Amount: 96.674252
Amount Units: ug/l




Manual Integration Results

RT: 7.63
Area: 1228
Amount: 14.698792
Amount Units: ug/l




Reviewer: W9CM, 08-Dec-2023 19:08:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949644/1  Calibration Date: 12/13/2023 07:52

Instrument ID: CVOAMS4  Calib Start Date: 12/07/2023 06:05

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 12/07/2023 11:06

Lab File ID: D10428.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | QuaF | | 0.1069 | | 8.76 | 20.0 | -56.2* | 20.0 |
| Dichlorodifluoromethane | Ave | 0.7340 | 0.5827 | 0.1000 | 15.9 | 20.0 | -20.6* | 20.0 |
| Chlorodifluoromethane | Qua | | 0.8482 | | 15.5 | 20.0 | -22.5* | 20.0 |
| Chloromethane | Ave | 0.7322 | 0.6649 | 0.1000 | 18.2 | 20.0 | -9.2 | 20.0 |
| Vinyl chloride | Ave | 0.6673 | 0.6270 | 0.1000 | 18.8 | 20.0 | -6.0 | 20.0 |
| Butadiene | Ave | 0.6327 | 0.5846 | | 18.5 | 20.0 | -7.6 | 20.0 |
| Bromomethane | Ave | 0.3514 | 0.3098 | 0.1000 | 17.6 | 20.0 | -11.8 | 50.0 |
| Chloroethane | Ave | 0.3617 | 0.3516 | 0.1000 | 19.4 | 20.0 | -2.8 | 50.0 |
| Dichlorofluoromethane | Ave | 1.040 | 1.002 | | 19.3 | 20.0 | -3.6 | 20.0 |
| Trichlorofluoromethane | Ave | 0.7808 | 0.6900 | 0.1000 | 17.7 | 20.0 | -11.6 | 20.0 |
| Pentane | Ave | 0.1042 | 0.0792 | | 30.4 | 40.0 | -24.0* | 20.0 |
| Ethanol | Ave | 0.1215 | 0.1135 | | 747 | 800 | -6.6 | 50.0 |
| Ethyl ether | Ave | 0.3643 | 0.3267 | | 17.9 | 20.0 | -10.3 | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.5175 | 0.4045 | | 15.6 | 20.0 | -21.8* | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.4127 | 0.3521 | | 17.1 | 20.0 | -14.7 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.7552 | 0.6568 | | 17.4 | 20.0 | -13.0 | 20.0 |
| 1,1,2-Trichloro-1,2,2-triflu oroethane | Ave | 0.5157 | 0.4221 | 0.1000 | 16.4 | 20.0 | -18.1 | 20.0 |
| Acrolein | Ave | 0.0726 | 0.0540 | | 223 | 300 | -25.5 | 50.0 |
| 1,1-Dichloroethene | Ave | 0.4683 | 0.3748 | 0.1000 | 16.0 | 20.0 | -20.0 | 20.0 |
| Acetone | Ave | 2.349 | 1.898 | 0.0500 | 80.8 | 100 | -19.2 | 50.0 |
| Iodomethane | QuaF | | 0.4341 | | 14.4 | 20.0 | -28.1* | 20.0 |
| Carbon disulfide | Ave | 1.754 | 1.379 | 0.1000 | 15.7 | 20.0 | -21.4 | 50.0 |
| Isopropyl alcohol | Ave | 1.441 | 1.310 | | 182 | 200 | -9.1 | 50.0 |
| 3-Chloro-1-propene | QuaF | | 0.1454 | | 15.4 | 20.0 | -23.2* | 20.0 |
| Cyclopentene | Ave | 1.146 | 0.8854 | | 15.4 | 20.0 | -22.8* | 20.0 |
| Methyl acetate | Ave | 0.2164 | 0.1864 | 0.1000 | 34.5 | 40.0 | -13.8 | 20.0 |
| Acetonitrile | Ave | 0.0240 | 0.0228 | | 191 | 200 | -4.7 | 20.0 |
| Methylene Chloride | Ave | 0.5053 | 0.4475 | 0.1000 | 17.7 | 20.0 | -11.4 | 20.0 |
| 2-Methyl-2-propanol | Ave | 1.906 | 1.975 | | 207 | 200 | 3.6 | 50.0 |
| Methyl tert-butyl ether | Ave | 1.083 | 1.003 | 0.1000 | 18.5 | 20.0 | -7.4 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.5104 | 0.4361 | 0.1000 | 17.1 | 20.0 | -14.5 | 20.0 |
| Acrylonitrile | Ave | 6.989 | 6.549 | | 187 | 200 | -6.3 | 20.0 |
| Hexane | Ave | 0.8779 | 0.6733 | | 15.3 | 20.0 | -23.3* | 20.0 |
| Isopropyl ether | Ave | 1.522 | 1.399 | | 18.4 | 20.0 | -8.1 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.8809 | 0.8314 | 0.2000 | 18.9 | 20.0 | -5.6 | 20.0 |
| Vinyl acetate | Ave | 0.0576 | 0.0611 | | 42.5 | 40.0 | 6.2 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.4517 | 0.3714 | | 16.4 | 20.0 | -17.8 | 20.0 |
| Tert-butyl ethyl ether | Ave | 1.292 | 1.169 | | 18.1 | 20.0 | -9.5 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.1830 | 0.1929 | | 21.1 | 20.0 | 5.4 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949644/1  Calibration Date: 12/13/2023 07:52

Instrument ID: CVOAMS4  Calib Start Date: 12/07/2023 06:05

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 12/07/2023 11:06

Lab File ID: D10428.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | Ave | 0.5138 | 0.4588 | 0.1000 | 17.9 | 20.0 | -10.7 | 20.0 |
| 2-Butanone (MEK) | Ave | 0.7611 | 0.6312 | 0.0500 | 82.9 | 100 | -17.1 | 50.0 |
| Ethyl acetate | Ave | 0.6470 | 0.5730 | | 35.4 | 40.0 | -11.4 | 20.0 |
| Methyl acrylate | Ave | 0.3231 | 0.2692 | | 16.7 | 20.0 | -16.7 | 20.0 |
| Propionitrile | Ave | 0.8194 | 0.7566 | | 185 | 200 | -7.7 | 20.0 |
| Tetrahydrofuran | Ave | 0.7426 | 0.6627 | | 35.7 | 40.0 | -10.8 | 20.0 |
| Chlorobromomethane | Ave | 0.1754 | 0.1725 | | 19.7 | 20.0 | -1.6 | 20.0 |
| Methacrylonitrile | Ave | 0.1410 | 0.1269 | | 180 | 200 | -9.9 | 20.0 |
| Chloroform | Ave | 0.8260 | 0.7536 | 0.2000 | 18.2 | 20.0 | -8.8 | 20.0 |
| Cyclohexane | Ave | 0.7652 | 0.6039 | 0.1000 | 15.8 | 20.0 | -21.1 | 50.0 |
| 1,1,1-Trichloroethane | Ave | 0.7178 | 0.5926 | 0.1000 | 16.5 | 20.0 | -17.4 | 20.0 |
| Carbon tetrachloride | Ave | 0.5568 | 0.4689 | 0.1000 | 16.8 | 20.0 | -15.8 | 20.0 |
| 1,1-Dichloropropene | Ave | 0.7313 | 0.5970 | | 16.3 | 20.0 | -18.4 | 20.0 |
| Isobutyl alcohol | Ave | 1.728 | 1.441 | | 417 | 500 | -16.6 | 50.0 |
| Benzene | Ave | 2.989 | 2.642 | 0.5000 | 17.7 | 20.0 | -11.6 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.3320 | 0.2870 | | 17.3 | 20.0 | -13.6 | 20.0 |
| Isopropyl acetate | Ave | 0.1939 | 0.1749 | | 18.0 | 20.0 | -9.8 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.5341 | 0.4920 | 0.1000 | 18.4 | 20.0 | -7.9 | 20.0 |
| n-Heptane | Ave | 0.8812 | 0.6859 | | 15.6 | 20.0 | -22.2* | 20.0 |
| n-Butanol | Ave | 0.5421 | 0.4567 | | 421 | 500 | -15.8 | 50.0 |
| Trichloroethene | Ave | 0.5098 | 0.4260 | 0.2000 | 16.7 | 20.0 | -16.5 | 20.0 |
| Methylcyclohexane | Ave | 0.9031 | 0.7078 | 0.1000 | 15.7 | 20.0 | -21.6 | 50.0 |
| Ethyl acrylate | Ave | 0.4388 | 0.4354 | | 19.8 | 20.0 | -0.8 | 20.0 |
| 1,2-Dichloropropane | Ave | 0.4802 | 0.4426 | 0.1000 | 18.4 | 20.0 | -7.8 | 20.0 |
| Methyl methacrylate | Ave | 0.0863 | 0.0701 | | 32.5 | 40.0 | -18.8 | 20.0 |
| 1,4-Dioxane | Ave | 2.279 | 2.142 | | 376 | 400 | -6.0 | 50.0 |
| Dibromomethane | Ave | 0.2196 | 0.2153 | | 19.6 | 20.0 | -1.9 | 20.0 |
| n-Propyl acetate | Ave | 0.4756 | 0.4148 | | 17.4 | 20.0 | -12.8 | 20.0 |
| Dichlorobromomethane | Ave | 0.5510 | 0.5006 | 0.2000 | 18.2 | 20.0 | -9.1 | 20.0 |
| 2-Nitropropane | Ave | 0.0732 | 0.0636 | | 34.8 | 40.0 | -13.1 | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1946 | 0.1874 | | 19.3 | 20.0 | -3.7 | 20.0 |
| Epichlorohydrin | QuaF | | 0.2197 | | 572 | 400 | 43.0* | 20.0 |
| cis-1,3-Dichloropropene | Ave | 1.064 | 0.997 | 0.2000 | 18.7 | 20.0 | -6.4 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 5.227 | 4.785 | 0.0500 | 91.5 | 100 | -8.5 | 50.0 |
| Toluene | Ave | 3.010 | 2.585 | 0.4000 | 17.2 | 20.0 | -14.1 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.8894 | 0.8251 | 0.1000 | 18.6 | 20.0 | -7.2 | 50.0 |
| Ethyl methacrylate | Ave | 0.4168 | 0.3579 | | 17.2 | 20.0 | -14.1 | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.4376 | 0.4005 | 0.1000 | 18.3 | 20.0 | -8.5 | 20.0 |
| Tetrachloroethene | Ave | 0.7355 | 0.5933 | 0.2000 | 16.1 | 20.0 | -19.3 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.8839 | 0.8076 | | 18.3 | 20.0 | -8.6 | 20.0 |
| 2-Hexanone | Ave | 3.749 | 3.351 | 0.0500 | 89.4 | 100 | -10.6 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949644/1 Calibration Date: 12/13/2023 07:52

Instrument ID: CVOAMS4 Calib Start Date: 12/07/2023 06:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 12/07/2023 11:06

Lab File ID: D10428.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| n-Butyl acetate | Ave | 0.1291 | 0.1096 | | 17.0 | 20.0 | -15.1 | 20.0 |
| Chlorodibromomethane | Ave | 0.5636 | 0.5058 | 0.1000 | 17.9 | 20.0 | -10.3 | 50.0 |
| Ethylene Dibromide | Ave | 0.4769 | 0.4332 | 0.1000 | 18.2 | 20.0 | -9.2 | 20.0 |
| Chlorobenzene | Ave | 1.780 | 1.563 | 0.5000 | 17.6 | 20.0 | -12.2 | 20.0 |
| Ethylbenzene | Ave | 0.996 | 0.8658 | 0.1000 | 17.4 | 20.0 | -13.1 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.5782 | 0.5187 | | 17.9 | 20.0 | -10.3 | 20.0 |
| m-Xylene & p-Xylene | Ave | 1.219 | 1.067 | 0.1000 | 17.5 | 20.0 | -12.5 | 20.0 |
| n-Butyl acrylate | Ave | 0.3473 | 0.2985 | | 17.2 | 20.0 | -14.0 | 20.0 |
| o-Xylene | Ave | 1.149 | 1.021 | 0.3000 | 17.8 | 20.0 | -11.1 | 20.0 |
| Styrene | Ave | 1.832 | 1.646 | 0.3000 | 18.0 | 20.0 | -10.2 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 1.554 | 1.472 | | 18.9 | 20.0 | -5.3 | 20.0 |
| Bromoform | Ave | 0.3479 | 0.2901 | 0.1000 | 16.7 | 20.0 | -16.6 | 20.0 |
| Isopropylbenzene | Ave | 3.066 | 2.626 | 0.1000 | 17.1 | 20.0 | -14.4 | 20.0 |
| Bromobenzene | Ave | 1.306 | 1.224 | | 18.7 | 20.0 | -6.3 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.123 | 1.061 | 0.3000 | 18.9 | 20.0 | -5.5 | 20.0 |
| N-Propylbenzene | Ave | 7.234 | 6.667 | | 18.4 | 20.0 | -7.8 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.3023 | 0.2765 | | 18.3 | 20.0 | -8.5 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.3496 | 0.3360 | | 19.2 | 20.0 | -3.9 | 20.0 |
| 2-Chlorotoluene | Ave | 4.797 | 4.437 | | 18.5 | 20.0 | -7.5 | 20.0 |
| 4-Ethyltoluene | Ave | 5.827 | 5.220 | | 17.9 | 20.0 | -10.4 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 4.983 | 4.524 | | 18.2 | 20.0 | -9.2 | 20.0 |
| 4-Chlorotoluene | Ave | 4.339 | 4.102 | | 18.9 | 20.0 | -5.5 | 20.0 |
| Butyl Methacrylate | Ave | 1.296 | 1.216 | | 18.8 | 20.0 | -6.2 | 20.0 |
| tert-Butylbenzene | Ave | 4.290 | 3.738 | | 17.4 | 20.0 | -12.9 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 4.869 | 4.485 | | 18.4 | 20.0 | -7.9 | 20.0 |
| sec-Butylbenzene | Ave | 6.548 | 5.796 | | 17.7 | 20.0 | -11.5 | 20.0 |
| 4-Isopropyltoluene | Ave | 5.324 | 4.777 | | 17.9 | 20.0 | -10.3 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 2.576 | 2.419 | 0.6000 | 18.8 | 20.0 | -6.1 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 2.606 | 2.472 | 0.5000 | 19.0 | 20.0 | -5.1 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 4.914 | 4.566 | | 18.6 | 20.0 | -7.1 | 20.0 |
| Benzyl chloride | QuaF | | 0.3976 | | 15.1 | 20.0 | -24.3 | 50.0 |
| Indan | Ave | 1.654 | 1.468 | | 17.8 | 20.0 | -11.2 | 20.0 |
| p-Diethylbenzene | Ave | 3.617 | 3.251 | | 18.0 | 20.0 | -10.1 | 20.0 |
| n-Butylbenzene | Ave | 3.045 | 2.778 | | 18.2 | 20.0 | -8.8 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 2.352 | 2.187 | 0.4000 | 18.6 | 20.0 | -7.0 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 4.541 | 4.103 | | 18.1 | 20.0 | -9.7 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.2178 | 0.1869 | 0.0500 | 17.2 | 20.0 | -14.2 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.911 | 1.768 | | 18.5 | 20.0 | -7.4 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 1.580 | 1.472 | 0.2000 | 18.6 | 20.0 | -6.8 | 20.0 |
| Hexachlorobutadiene | Ave | 0.9477 | 0.7609 | | 16.1 | 20.0 | -19.7 | 20.0 |
| Naphthalene | Ave | 3.195 | 2.864 | | 17.9 | 20.0 | -10.4 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Lab Sample ID: CCVIS 460-949644/1  Calibration Date: 12/13/2023 07:52

Instrument ID: CVOAMS4  Calib Start Date: 12/07/2023 06:05

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 12/07/2023 11:06

Lab File ID: D10428.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | Ave | 1.382 | 1.281 | | 18.6 | 20.0 | -7.2 | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.3872 | 0.3878 | | 50.1 | 50.0 | 0.2 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.4109 | 0.3957 | | 48.2 | 50.0 | -3.7 | 20.0 |
| Toluene-d8 (Surr) | Ave | 2.277 | 2.242 | | 49.2 | 50.0 | -1.5 | 20.0 |
| 4-Bromofluorobenzene | Ave | 1.177 | 1.226 | | 52.0 | 50.0 | 4.1 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10428.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 13-Dec-2023 07:52:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0169954-002
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 14:08:35 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: NN6A Date: 13-Dec-2023 14:08:35

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.363 | 1.363 | 0.000 | 92 | 23987 | 20.0 | 8.76 | |
| 2 Dichlorodifluoromethane | 85 | 1.399 | 1.399 | 0.000 | 99 | 130788 | 20.0 | 15.9 | |
| 3 Chlorodifluoromethane | 51 | 1.428 | 1.428 | 0.000 | 98 | 190368 | 20.0 | 15.5 | |
| 4 Chloromethane | 50 | 1.593 | 1.593 | 0.000 | 99 | 149223 | 20.0 | 18.2 | |
| 5 Vinyl chloride | 62 | 1.693 | 1.693 | 0.000 | 100 | 140712 | 20.0 | 18.8 | |
| 6 Butadiene | 54 | 1.721 | 1.721 | 0.000 | 98 | 131208 | 20.0 | 18.5 | |
| 7 Bromomethane | 94 | 2.015 | 2.015 | 0.000 | 98 | 69522 | 20.0 | 17.6 | |
| 8 Chloroethane | 64 | 2.123 | 2.123 | 0.000 | 100 | 78904 | 20.0 | 19.4 | |
| 10 Dichlorofluoromethane | 67 | 2.338 | 2.338 | 0.000 | 99 | 224987 | 20.0 | 19.3 | |
| 9 Trichlorofluoromethane | 101 | 2.338 | 2.338 | 0.000 | 98 | 154856 | 20.0 | 17.7 | |
| 11 Pentane | 72 | 2.388 | 2.388 | 0.000 | 95 | 35549 | 40.0 | 30.4 | |
| 12 Ethanol | 46 | 2.595 | 2.595 | 0.000 | 97 | 17349 | 800.0 | 747.2 | |
| 13 Ethyl ether | 59 | 2.624 | 2.624 | 0.000 | 95 | 73328 | 20.0 | 17.9 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.638 | 2.638 | 0.000 | 97 | 90788 | 20.0 | 15.6 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.696 | 2.696 | 0.000 | 95 | 79015 | 20.0 | 17.1 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.760 | 2.760 | 0.000 | 97 | 147408 | 20.0 | 17.4 | |
| 18 Acrolein | 56 | 2.825 | 2.825 | 0.000 | 96 | 181932 | 300.0 | 223.4 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.825 | 2.825 | 0.000 | 92 | 94733 | 20.0 | 16.4 | |
| 19 1,1-Dichloroethene | 96 | 2.853 | 2.853 | 0.000 | 95 | 84128 | 20.0 | 16.0 | M |
| 20 Acetone | 43 | 2.975 | 2.975 | 0.000 | 86 | 118279 | 100.0 | 80.8 | |
| 21 Iodomethane | 142 | 3.025 | 3.025 | 0.000 | 99 | 97429 | 20.0 | 14.4 | |
| 22 Carbon disulfide | 76 | 3.054 | 3.054 | 0.000 | 99 | 309419 | 20.0 | 15.7 | |
| 23 Isopropyl alcohol | 45 | 3.097 | 3.097 | 0.000 | 98 | 50034 | 200.0 | 181.8 | |
| 24 3-Chloro-1-propene | 76 | 3.240 | 3.240 | 0.000 | 90 | 32630 | 20.0 | 15.4 | |
| 25 Cyclopentene | 67 | 3.254 | 3.254 | 0.000 | 95 | 198709 | 20.0 | 15.4 | |
| 26 Methyl acetate | 43 | 3.269 | 3.269 | 0.000 | 100 | 83689 | 40.0 | 34.5 | |
| 27 Acetonitrile | 40 | 3.326 | 3.326 | 0.000 | 99 | 51241 | 200.0 | 190.6 | |
| 28 Methylene Chloride | 84 | 3.398 | 3.398 | 0.000 | 96 | 100440 | 20.0 | 17.7 | |
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 191029 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.491 | 3.491 | 0.000 | 98 | 75456 | 200.0 | 207.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.591 | 3.591 | 0.000 | 98 | 225109 | 20.0 | 18.5 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.620 | 3.620 | 0.000 | 97 | 97885 | 20.0 | 17.1 | |
| 33 Acrylonitrile | 53 | 3.720 | 3.720 | 0.000 | 93 | 250192 | 200.0 | 187.4 | |
| 34 Hexane | 57 | 3.820 | 3.820 | 0.000 | 94 | 151106 | 20.0 | 15.3 | |
| 35 Isopropyl ether | 45 | 4.085 | 4.085 | 0.000 | 98 | 313934 | 20.0 | 18.4 | |
| 36 1,1-Dichloroethane | 63 | 4.107 | 4.107 | 0.000 | 99 | 186599 | 20.0 | 18.9 | |
| 37 Vinyl acetate | 86 | 4.143 | 4.143 | 0.000 | 100 | 27448 | 40.0 | 42.5 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.157 | 4.157 | 0.000 | 93 | 83345 | 20.0 | 16.4 | |
| 39 Tert-butyl ethyl ether | 59 | 4.472 | 4.472 | 0.000 | 89 | 262458 | 20.0 | 18.1 | |
| 40 2,2-Dichloropropane | 79 | 4.701 | 4.701 | 0.000 | 92 | 43291 | 20.0 | 21.1 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 95 | 155826 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.737 | 4.737 | 0.000 | 97 | 102978 | 20.0 | 17.9 | |
| 43 2-Butanone (MEK) | 72 | 4.773 | 4.773 | 0.000 | 99 | 39346 | 100.0 | 82.9 | |
| 44 Ethyl acetate | 70 | 4.794 | 4.794 | 0.000 | 97 | 14287 | 40.0 | 35.4 | |
| 45 Methyl acrylate | 55 | 4.852 | 4.852 | 0.000 | 99 | 60410 | 20.0 | 16.7 | |
| 46 Propionitrile | 54 | 4.938 | 4.938 | 0.000 | 98 | 94321 | 200.0 | 184.7 | |
| 47 Tetrahydrofuran | 72 | 5.009 | 5.009 | 0.000 | 93 | 16523 | 40.0 | 35.7 | |
| 48 Chlorobromomethane | 128 | 5.016 | 5.016 | 0.000 | 93 | 38722 | 20.0 | 19.7 | |
| 49 Methacrylonitrile | 67 | 5.059 | 5.059 | 0.000 | 93 | 284869 | 200.0 | 180.1 | |
| 50 Chloroform | 83 | 5.095 | 5.095 | 0.000 | 99 | 169130 | 20.0 | 18.2 | |
| 51 Cyclohexane | 84 | 5.224 | 5.224 | 0.000 | 93 | 135532 | 20.0 | 15.8 | |
| 52 1,1,1-Trichloroethane | 97 | 5.253 | 5.253 | 0.000 | 98 | 133009 | 20.0 | 16.5 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.282 | 5.282 | 0.000 | 96 | 217608 | 50.0 | 50.1 | |
| 54 Carbon tetrachloride | 117 | 5.396 | 5.396 | 0.000 | 98 | 105227 | 20.0 | 16.8 | |
| 55 1,1-Dichloropropene | 75 | 5.439 | 5.439 | 0.000 | 96 | 133984 | 20.0 | 16.3 | |
| 56 Isobutyl alcohol | 43 | 5.647 | 5.647 | 0.000 | 92 | 137649 | 500.0 | 417.0 | |
| 57 Benzene | 78 | 5.683 | 5.683 | 0.000 | 98 | 380812 | 20.0 | 17.7 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 99 | 222034 | 50.0 | 48.2 | |
| 59 Tert-amyl methyl ether | 87 | 5.783 | 5.783 | 0.000 | 92 | 64406 | 20.0 | 17.3 | |
| 60 Isopropyl acetate | 61 | 5.797 | 5.797 | 0.000 | 99 | 39261 | 20.0 | 18.0 | |
| 61 1,2-Dichloroethane | 62 | 5.804 | 5.804 | 0.000 | 96 | 110428 | 20.0 | 18.4 | |
| 62 n-Heptane | 43 | 5.905 | 5.905 | 0.000 | 94 | 153945 | 20.0 | 15.6 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 561082 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.471 | 6.471 | 0.000 | 91 | 43623 | 500.0 | 421.2 | |
| 65 Trichloroethene | 95 | 6.485 | 6.485 | 0.000 | 98 | 95598 | 20.0 | 16.7 | |
| 66 Methylcyclohexane | 83 | 6.628 | 6.628 | 0.000 | 95 | 158848 | 20.0 | 15.7 | |
| 67 Ethyl acrylate | 55 | 6.671 | 6.671 | 0.000 | 97 | 97717 | 20.0 | 19.8 | a |
| 68 1,2-Dichloropropane | 63 | 6.836 | 6.836 | 0.000 | 92 | 99343 | 20.0 | 18.4 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.908 | 6.908 | 0.000 | 0 | 18067 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.958 | 6.958 | 0.000 | 94 | 31458 | 40.0 | 32.5 | |
| 71 1,4-Dioxane | 88 | 6.965 | 6.965 | 0.000 | 91 | 15483 | 400.0 | 376.0 | |
| 72 Dibromomethane | 93 | 6.979 | 6.979 | 0.000 | 96 | 48329 | 20.0 | 19.6 | |
| 73 n-Propyl acetate | 43 | 7.022 | 7.022 | 0.000 | 99 | 93101 | 20.0 | 17.4 | |
| 74 Dichlorobromomethane | 83 | 7.151 | 7.151 | 0.000 | 99 | 112360 | 20.0 | 18.2 | |
| 75 2-Nitropropane | 41 | 7.502 | 7.502 | 0.000 | 98 | 28534 | 40.0 | 34.8 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.516 | 7.516 | 0.000 | 95 | 42157 | 20.0 | 19.3 | |
| 77 Epichlorohydrin | 57 | 7.602 | 7.602 | 0.000 | 99 | 54776 | 400.0 | 572.1 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.652 | 7.652 | 0.000 | 93 | 143706 | 20.0 | 18.7 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.817 | 7.817 | 0.000 | 98 | 298247 | 100.0 | 91.5 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.875 | 7.875 | 0.000 | 99 | 808034 | 50.0 | 49.2 | |
| 81 Toluene | 91 | 7.939 | 7.939 | 0.000 | 93 | 372667 | 20.0 | 17.2 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.240 | 8.240 | 0.000 | 95 | 118949 | 20.0 | 18.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.276 | 8.276 | 0.000 | 91 | 80328 | 20.0 | 17.2 | |
| 84 1,1,2-Trichloroethane | 83 | 8.412 | 8.412 | 0.000 | 95 | 57744 | 20.0 | 18.3 | |
| 85 Tetrachloroethene | 166 | 8.440 | 8.440 | 0.000 | 97 | 85532 | 20.0 | 16.1 | |
| 86 1,3-Dichloropropane | 76 | 8.569 | 8.569 | 0.000 | 95 | 116420 | 20.0 | 18.3 | |
| 87 2-Hexanone | 43 | 8.619 | 8.619 | 0.000 | 98 | 208859 | 100.0 | 89.4 | |
| 88 n-Butyl acetate | 73 | 8.713 | 8.713 | 0.000 | 98 | 15800 | 20.0 | 17.0 | |
| 89 Chlorodibromomethane | 129 | 8.741 | 8.741 | 0.000 | 98 | 72919 | 20.0 | 17.9 | |
| 90 Ethylene Dibromide | 107 | 8.849 | 8.849 | 0.000 | 98 | 62455 | 20.0 | 18.2 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 360410 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.257 | 9.257 | 0.000 | 93 | 225335 | 20.0 | 17.6 | |
| 93 Ethylbenzene | 106 | 9.321 | 9.321 | 0.000 | 99 | 124818 | 20.0 | 17.4 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.336 | 9.336 | 0.000 | 96 | 74780 | 20.0 | 17.9 | |
| 95 m-Xylene & p-Xylene | 106 | 9.422 | 9.422 | 0.000 | 0 | 153815 | 20.0 | 17.5 | |
| 96 n-Butyl acrylate | 73 | 9.723 | 9.723 | 0.000 | 96 | 43040 | 20.0 | 17.2 | |
| 97 o-Xylene | 106 | 9.751 | 9.751 | 0.000 | 94 | 147224 | 20.0 | 17.8 | |
| 98 Styrene | 104 | 9.773 | 9.773 | 0.000 | 94 | 237226 | 20.0 | 18.0 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.902 | 9.902 | 0.000 | 90 | 107891 | 20.0 | 18.9 | |
| 100 Bromoform | 173 | 9.945 | 9.945 | 0.000 | 94 | 41818 | 20.0 | 16.7 | |
| 101 Isopropylbenzene | 105 | 10.031 | 10.031 | 0.000 | 96 | 378590 | 20.0 | 17.1 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 224540 | 50.0 | 52.0 | |
| 103 Bromobenzene | 156 | 10.303 | 10.303 | 0.000 | 98 | 89678 | 20.0 | 18.7 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.324 | 10.324 | 0.000 | 98 | 77721 | 20.0 | 18.9 | |
| 105 N-Propylbenzene | 91 | 10.353 | 10.353 | 0.000 | 99 | 488599 | 20.0 | 18.4 | |
| 106 1,2,3-Trichloropropane | 110 | 10.367 | 10.367 | 0.000 | 93 | 20264 | 20.0 | 18.3 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.374 | 10.374 | 0.000 | 80 | 24621 | 20.0 | 19.2 | |
| 108 4-Ethyltoluene | 105 | 10.439 | 10.439 | 0.000 | 98 | 382516 | 20.0 | 17.9 | |
| 109 2-Chlorotoluene | 91 | 10.439 | 10.439 | 0.000 | 95 | 325179 | 20.0 | 18.5 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.489 | 10.489 | 0.000 | 94 | 331554 | 20.0 | 18.2 | |
| 111 4-Chlorotoluene | 91 | 10.532 | 10.532 | 0.000 | 98 | 300612 | 20.0 | 18.9 | |
| 112 Butyl Methacrylate | 87 | 10.546 | 10.546 | 0.000 | 94 | 89130 | 20.0 | 18.8 | |
| 113 tert-Butylbenzene | 119 | 10.725 | 10.725 | 0.000 | 93 | 273912 | 20.0 | 17.4 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.768 | 10.768 | 0.000 | 98 | 328663 | 20.0 | 18.4 | |
| 115 sec-Butylbenzene | 105 | 10.883 | 10.883 | 0.000 | 99 | 424739 | 20.0 | 17.7 | |
| 116 4-Isopropyltoluene | 119 | 10.990 | 10.990 | 0.000 | 98 | 350053 | 20.0 | 17.9 | |
| 117 1,3-Dichlorobenzene | 146 | 11.005 | 11.005 | 0.000 | 94 | 177275 | 20.0 | 18.8 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 96 | 183206 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.076 | 11.076 | 0.000 | 93 | 181154 | 20.0 | 19.0 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.084 | 11.084 | 0.000 | 99 | 334613 | 20.0 | 18.6 | |
| 121 Benzyl chloride | 126 | 11.184 | 11.184 | 0.000 | 98 | 29140 | 20.0 | 15.1 | |
| 122 2,3-Dihydroindene | 117 | 11.234 | 11.234 | 0.000 | 94 | 329483 | 20.0 | 17.8 | |
| 123 p-Diethylbenzene | 119 | 11.263 | 11.263 | 0.000 | 93 | 238228 | 20.0 | 18.0 | |
| 124 n-Butylbenzene | 92 | 11.284 | 11.284 | 0.000 | 97 | 203588 | 20.0 | 18.2 | |
| 125 1,2-Dichlorobenzene | 146 | 11.349 | 11.349 | 0.000 | 96 | 160247 | 20.0 | 18.6 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.879 | 11.879 | 0.000 | 97 | 300659 | 20.0 | 18.1 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.986 | 11.986 | 0.000 | 95 | 13693 | 20.0 | 17.2 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.108 | 12.108 | 0.000 | 97 | 129593 | 20.0 | 18.5 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.724 | 12.724 | 0.000 | 94 | 107890 | 20.0 | 18.6 | |
| 130 Hexachlorobutadiene | 225 | 12.831 | 12.831 | 0.000 | 90 | 55757 | 20.0 | 16.1 | |
| 131 Naphthalene | 128 | 13.003 | 13.003 | 0.000 | 99 | 209916 | 20.0 | 17.9 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.283 | 13.283 | 0.000 | 95 | 93904 | 20.0 | 18.6 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 35.0 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 37.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 35.3 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 87.5 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | |
| 524FREONS_00002 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 13-Dec-2023 14:08:38 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10428.D

Injection Date: 13-Dec-2023 07:52:30 Instrument ID: CVOAMS4 Operator ID:

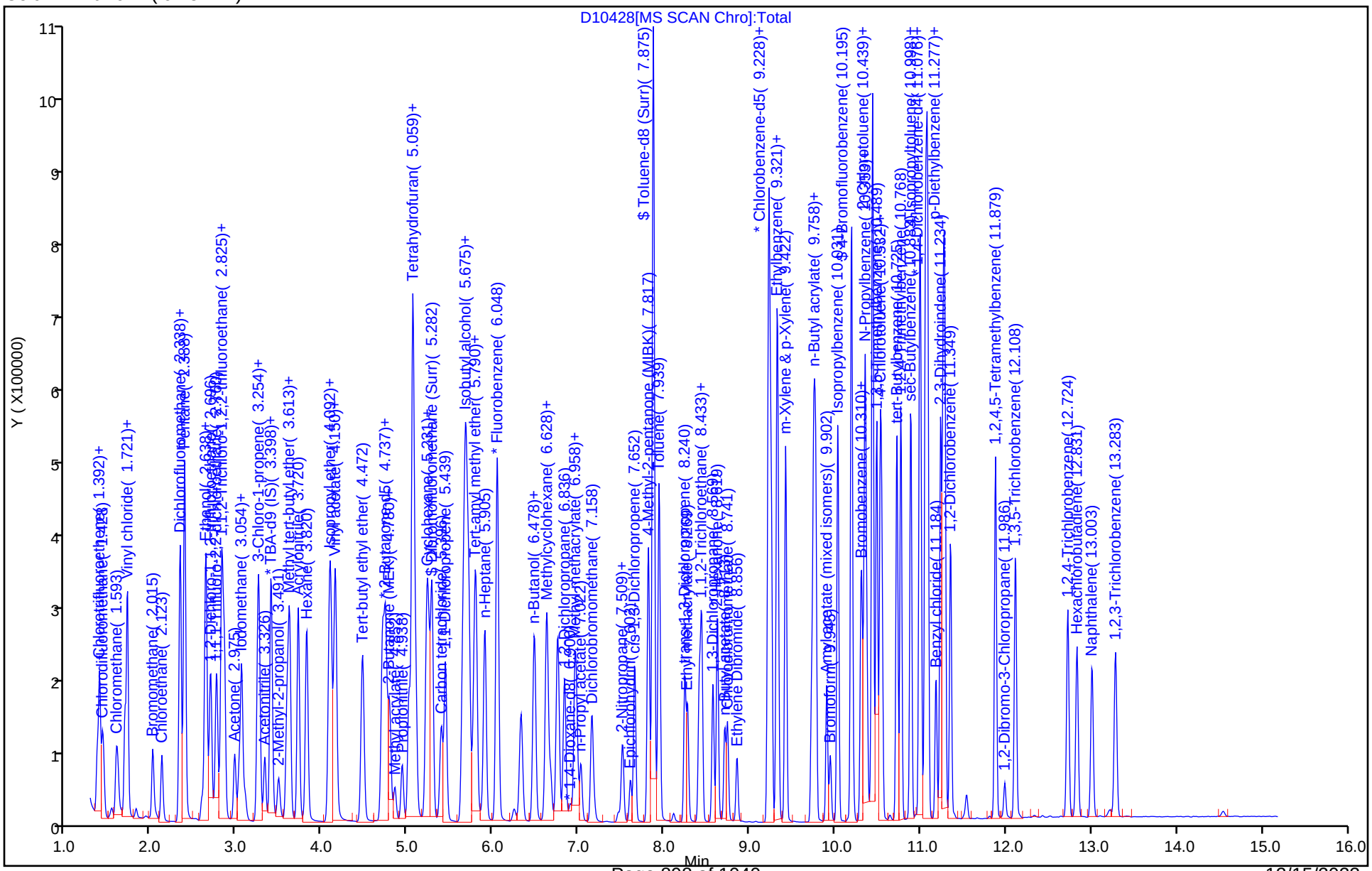
Lims ID: CCVIS Worklist Smp#: 1

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison

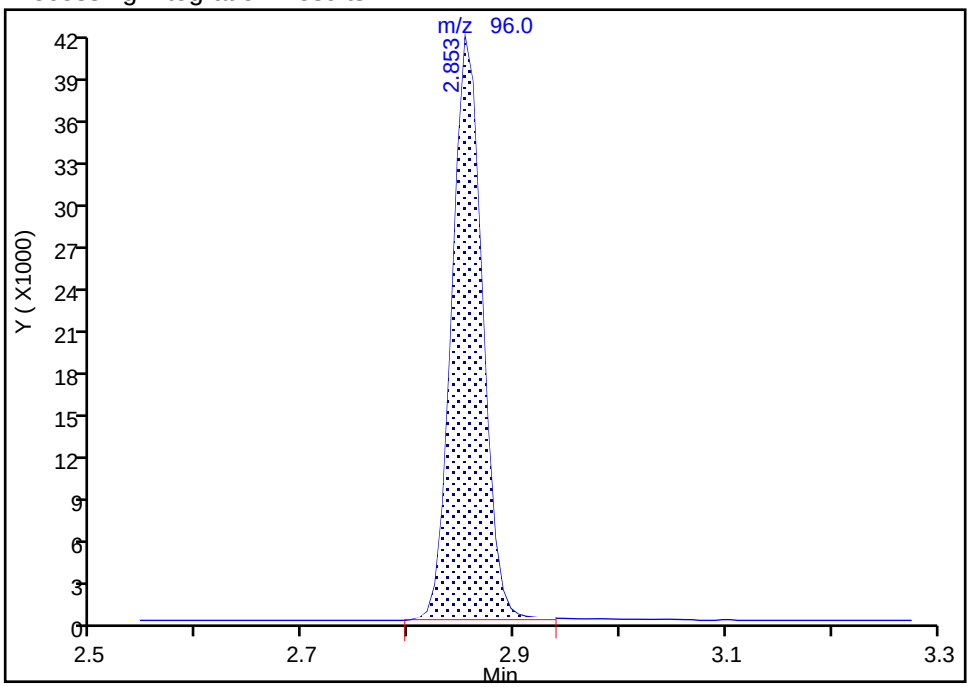
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10428.D
Injection Date: 13-Dec-2023 07:52:30 Instrument ID: CVOAMS4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 19 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

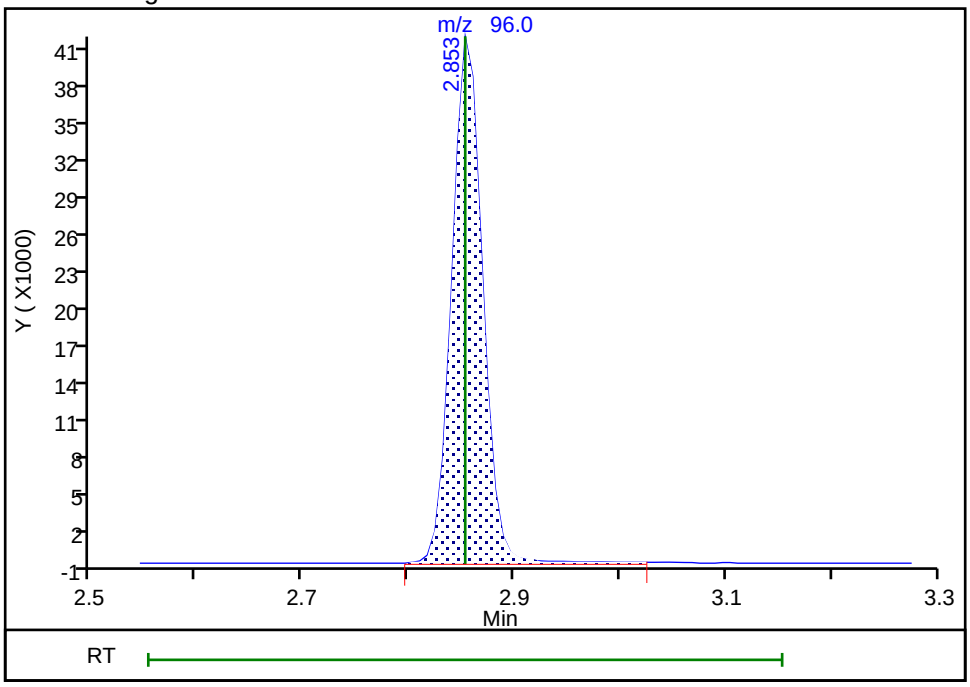
Processing Integration Results

RT: 2.85
Area: 83553
Amount: 15.899004
Amount Units: ug/l




Manual Integration Results

RT: 2.85
Area: 84128
Amount: 16.008419
Amount Units: ug/l




Reviewer: K0HS, 13-Dec-2023 08:14:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

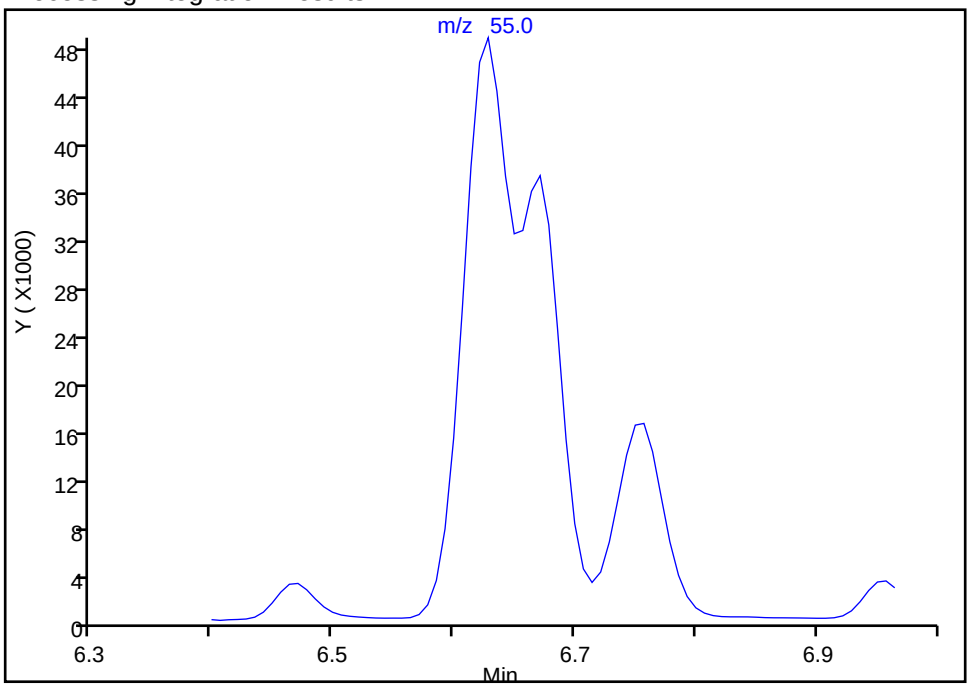
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10428.D
Injection Date: 13-Dec-2023 07:52:30 Instrument ID: CVOAMS4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Ethyl acrylate, CAS: 140-88-5

Signal: 1

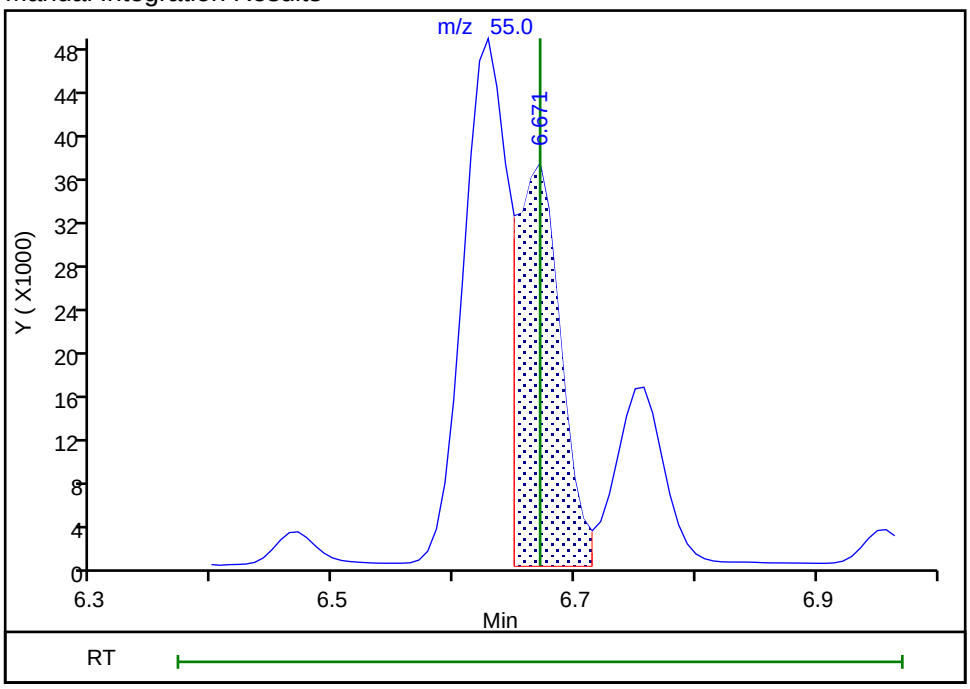
Not Detected
Expected RT: 6.67

Processing Integration Results




Manual Integration Results

RT: 6.67
Area: 97717
Amount: 19.846161
Amount Units: ug/l




Reviewer: K0HS, 13-Dec-2023 08:13:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11256.d | | | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Sample Type: | BFB | | | | |
| Inject. Date: | 22-Nov-2023 08:50:30 | ALS Bottle#: | 99 | Worklist Smp#: | 1 |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | BFB | | | | |
| Misc. Info.: | 460-0169242-001 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS12 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\8260W_12.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 22-Nov-2023 14:14:59 | Calib Date: | 22-Nov-2023 12:33:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d | | | | |
| Column 1 : | DB-624 ( 0.18 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1624 | | | | |
| First Level Reviewer: RD6L | | Date: | 22-Nov-2023 09:13:15 | | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|

$ 140 BFB

## QC Flag Legend

Processing Flags

## Reagents:

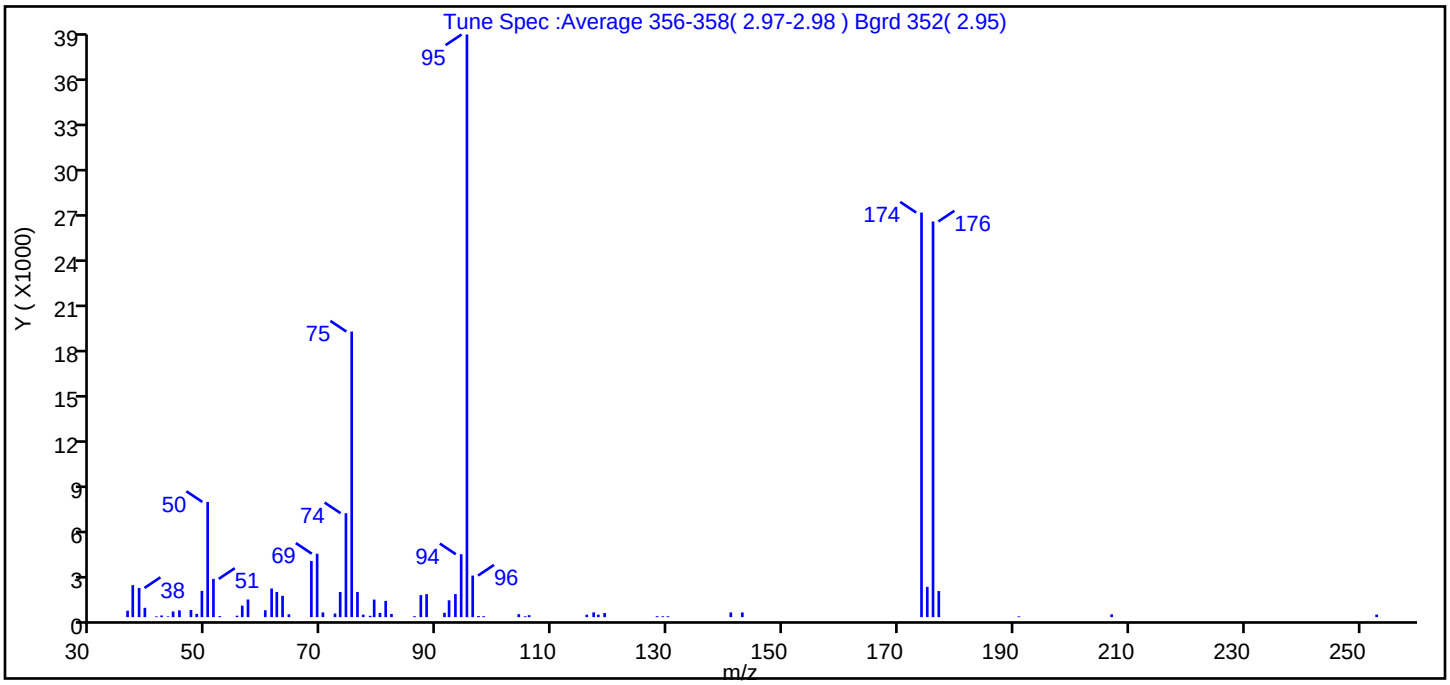
| | | | | |
|---|---|---|---|---|
| BFB_00034 | Amount Added: | 1.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11256.d
Injection Date: 22-Nov-2023 08:50:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | 50 to 200% of m/z 174 | 100.0 (144.0) |
| 96 | 5 to 9% of m/z 95 | 7.1 |
| 173 | <2% of m/z 174 | 0.0 (0.0) |
| 174 | 50 to 200% of m/z 95 | 69.4 |
| 175 | 5 to 9% of m/z 174 | 5.2 (7.5) |
| 176 | 95 to 105% of m/z 174 | 67.9 (97.8) |
| 177 | 5 to 10% of m/z 176 | 4.5 (6.6) |

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11256.d\8260W_12.rslt\spectra.d
Injection Date: 22-Nov-2023 08:50:30
Spectrum: Tune Spec :Average 356-358( 2.97-2.98 ) Bgrd 352( 2.95)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 67

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 421 | 57.00 | 1155 | 80.00 | 278 | 116.00 | 159 |
| 37.00 | 2093 | 60.00 | 451 | 81.00 | 1063 | 117.00 | 313 |
| 38.00 | 1908 | 61.00 | 1875 | 82.00 | 209 | 118.00 | 165 |
| 39.00 | 611 | 62.00 | 1643 | 86.00 | 61 | 119.00 | 268 |
| 41.00 | 51 | 63.00 | 1395 | 87.00 | 1441 | 128.00 | 65 |
| 42.00 | 109 | 64.00 | 186 | 88.00 | 1504 | 129.00 | 55 |
| 43.00 | 46 | 68.00 | 3669 | 91.00 | 283 | 130.00 | 59 |
| 44.00 | 371 | 69.00 | 4148 | 92.00 | 1101 | 141.00 | 310 |
| 45.00 | 444 | 70.00 | 311 | 93.00 | 1507 | 143.00 | 307 |
| 47.00 | 466 | 72.00 | 236 | 94.00 | 4114 | 174.00 | 26464 |
| 48.00 | 213 | 73.00 | 1642 | 95.00 | 38112 | 175.00 | 1982 |
| 49.00 | 1719 | 74.00 | 6797 | 96.00 | 2719 | 176.00 | 25880 |
| 50.00 | 7536 | 75.00 | 18680 | 97.00 | 76 | 177.00 | 1708 |
| 51.00 | 2503 | 76.00 | 1648 | 98.00 | 62 | 191.00 | 52 |
| 52.00 | 67 | 77.00 | 165 | 104.00 | 197 | 207.00 | 185 |
| 55.00 | 95 | 78.00 | 88 | 105.00 | 54 | 253.00 | 168 |
| 56.00 | 753 | 79.00 | 1149 | 106.00 | 127 | | |

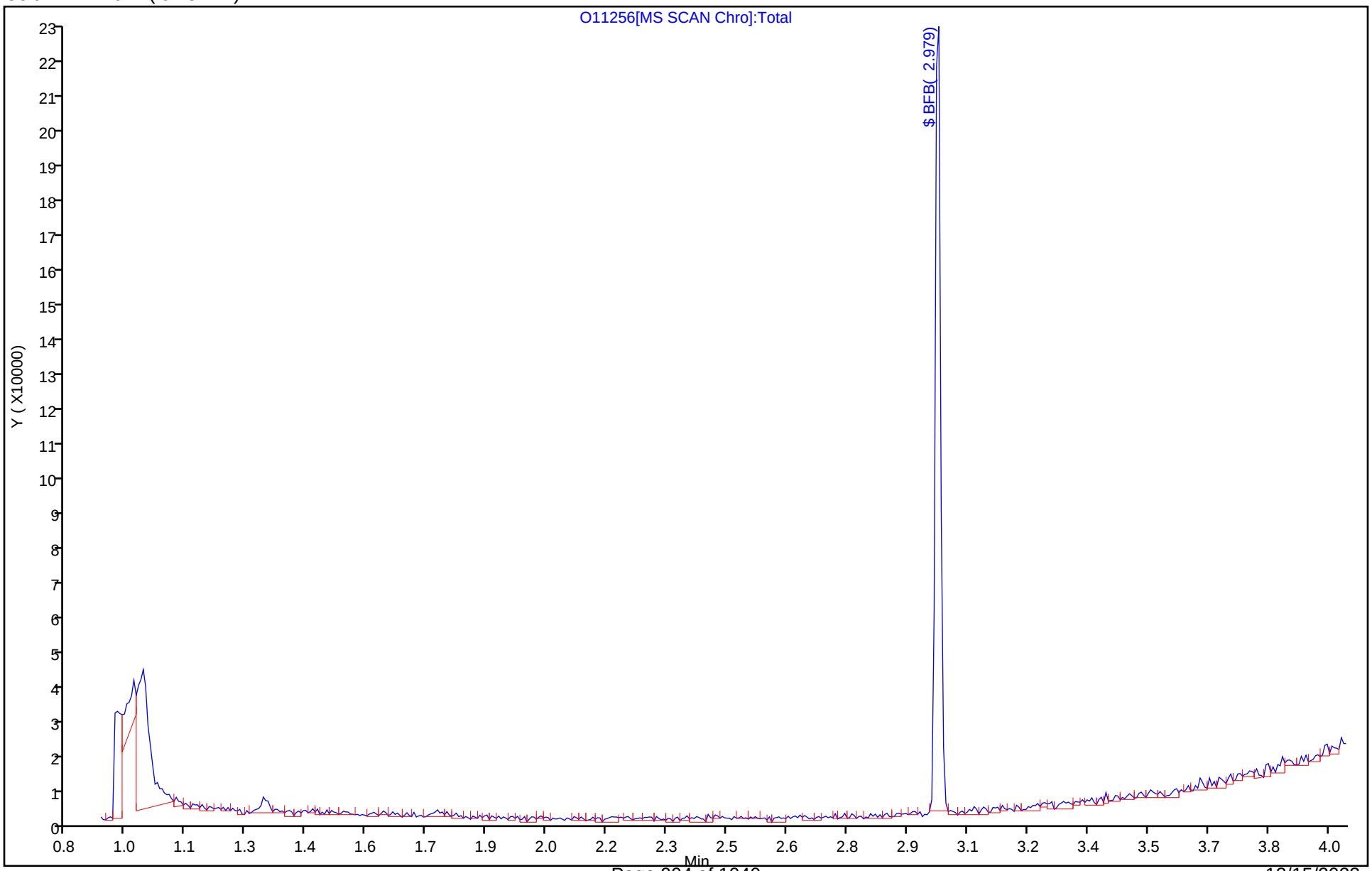
Report Date: 22-Nov-2023 14:14:59 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11256.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Nov-2023 08:50:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | BFB | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 99 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10141.D | | | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Sample Type: | BFB | | | | |
| Inject. Date: | 16-Nov-2023 19:48:30 | ALS Bottle#: | 1 | Worklist Smp#: | 1 |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | BFB | | | | |
| Misc. Info.: | 460-0169014-001 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS2 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\8260S_2.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 17-Nov-2023 09:23:00 | Calib Date: | 15-Nov-2023 21:18:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS2\20231115-168953.b\B10126.D | | | | |
| Column 1 : | DB-624 ( 0.18 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1655 | | | | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|

$ 137 BFB

## Reagents:

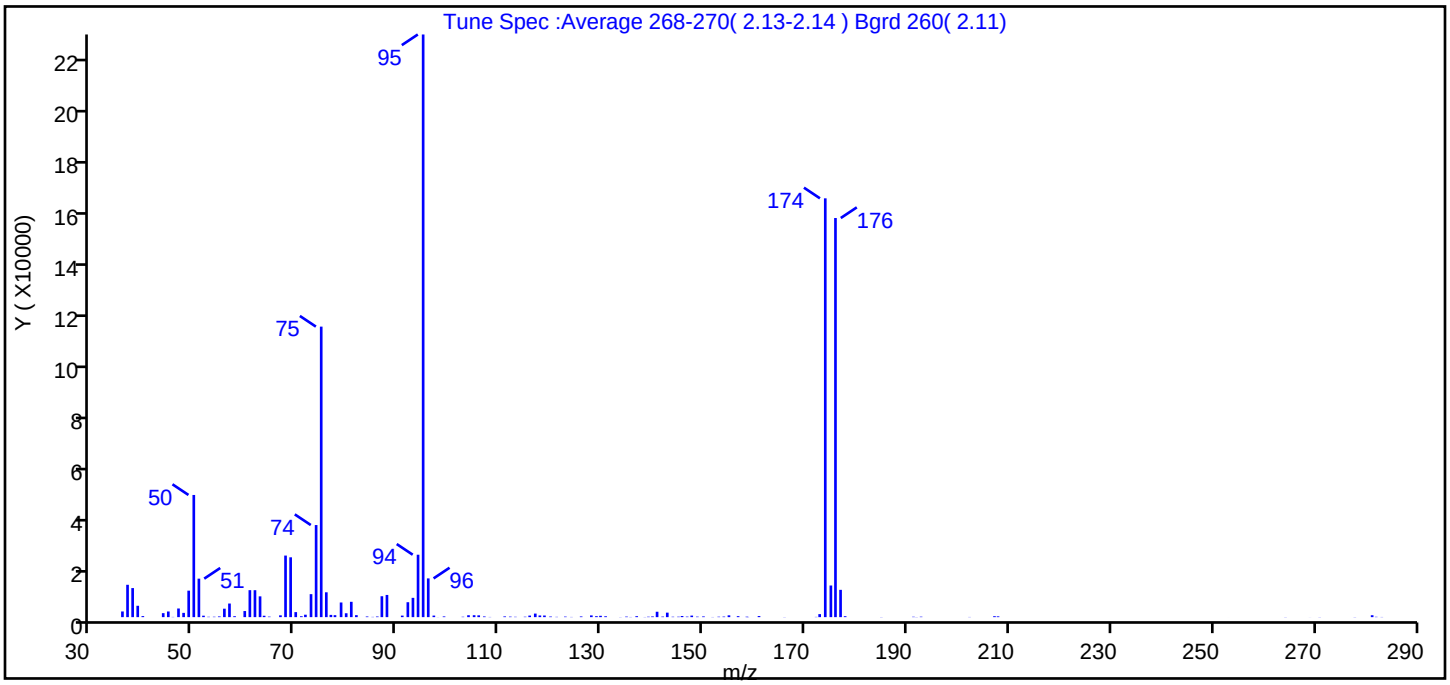
BFB_00034 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10141.D
Injection Date: 16-Nov-2023 19:48:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 137 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | 50 to 200% of m/z 174 | 100.0 (139.1) |
| 96 | 5 to 9% of m/z 95 | 6.6 |
| 173 | <2% of m/z 174 | 0.5 (0.7) |
| 174 | 50 to 200% of m/z 95 | 71.9 |
| 175 | 5 to 9% of m/z 174 | 5.4 (7.6) |
| 176 | 95 to 105% of m/z 174 | 68.5 (95.3) |
| 177 | 5 to 10% of m/z 176 | 4.7 (6.8) |

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10141.D\8260S_2.rslt\spectra.d
Injection Date: 16-Nov-2023 19:48:30
Spectrum: Tune Spec :Average 268-270( 2.13-2.14 ) Bgrd 260( 2.11)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 127

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 2182 | 73.00 | 8819 | 113.00 | 133 | 152.00 | 62 |
| 37.00 | 12409 | 74.00 | 35328 | 115.00 | 163 | 153.00 | 166 |
| 38.00 | 11148 | 75.00 | 111432 | 116.00 | 598 | 154.00 | 215 |
| 39.00 | 4360 | 76.00 | 9534 | 117.00 | 1364 | 155.00 | 696 |
| 40.00 | 398 | 77.00 | 865 | 118.00 | 638 | 157.00 | 376 |
| 44.00 | 1530 | 78.00 | 758 | 119.00 | 625 | 158.00 | 166 |
| 45.00 | 2170 | 79.00 | 5623 | 120.00 | 237 | 159.00 | 86 |
| 46.00 | 82 | 80.00 | 1494 | 121.00 | 109 | 161.00 | 417 |
| 47.00 | 3317 | 81.00 | 5882 | 123.00 | 208 | 166.00 | 52 |
| 48.00 | 1640 | 82.00 | 760 | 124.00 | 77 | 172.00 | 92 |
| 49.00 | 10157 | 84.00 | 255 | 126.00 | 266 | 173.00 | 1159 |
| 50.00 | 46864 | 85.00 | 95 | 128.00 | 664 | 174.00 | 160640 |
| 51.00 | 14763 | 86.00 | 244 | 129.00 | 366 | 175.00 | 12134 |
| 52.00 | 557 | 87.00 | 8019 | 130.00 | 516 | 176.00 | 153088 |
| 53.00 | 139 | 88.00 | 8515 | 131.00 | 334 | 177.00 | 10474 |
| 54.00 | 155 | 91.00 | 588 | 134.00 | 50 | 178.00 | 351 |
| 55.00 | 271 | 92.00 | 5726 | 135.00 | 211 | 185.00 | 57 |
| 56.00 | 3242 | 93.00 | 7401 | 136.00 | 65 | 191.00 | 151 |
| 57.00 | 5223 | 94.00 | 23944 | 137.00 | 370 | 192.00 | 52 |
| 58.00 | 356 | 95.00 | 223488 | 138.00 | 60 | 193.00 | 178 |
| 60.00 | 2339 | 96.00 | 14860 | 139.00 | 165 | 202.00 | 71 |
| 61.00 | 10346 | 97.00 | 598 | 140.00 | 272 | 207.00 | 352 |
| 62.00 | 10338 | 98.00 | 30 | 141.00 | 2069 | 208.00 | 297 |
| 63.00 | 7974 | 99.00 | 276 | 142.00 | 217 | 253.00 | 3 |
| 64.00 | 534 | 103.00 | 149 | 143.00 | 1725 | 264.00 | 50 |
| 65.00 | 204 | 104.00 | 731 | 144.00 | 159 | 269.00 | 18 |
| 67.00 | 689 | 105.00 | 742 | 145.00 | 172 | 271.00 | 50 |
| 68.00 | 23616 | 106.00 | 691 | 146.00 | 435 | 278.00 | 56 |
| 69.00 | 22952 | 107.00 | 262 | 147.00 | 203 | 281.00 | 736 |
| 70.00 | 1929 | 108.00 | 75 | 148.00 | 595 | 282.00 | 130 |
| 71.00 | 346 | 111.00 | 281 | 149.00 | 189 | 283.00 | 68 |
| 72.00 | 937 | 112.00 | 200 | 150.00 | 273 | | |

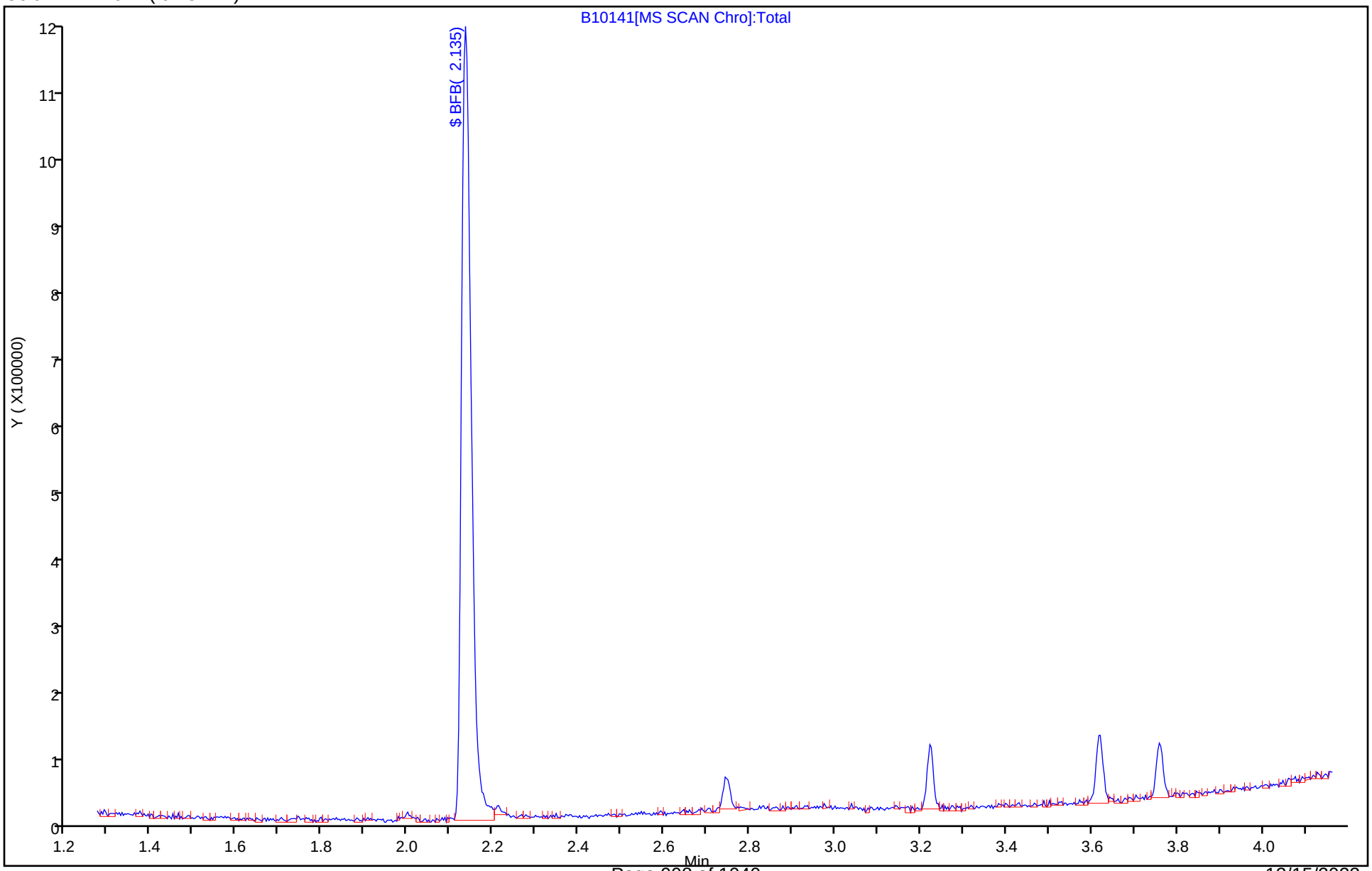
Report Date: 17-Nov-2023 09:23:00 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10141.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Nov-2023 19:48:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | BFB | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10351.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Dec-2023 04:32:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0169812-001
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Dec-2023 19:18:08 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: N1JZ Date: 07-Dec-2023 04:40:31

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 137 BFB | 95 | 3.006 | 3.006 | 0.000 | 82 | 113103 | NR | NR | |

## QC Flag Legend

Processing Flags
NR - Missing Quant Standard

## Reagents:

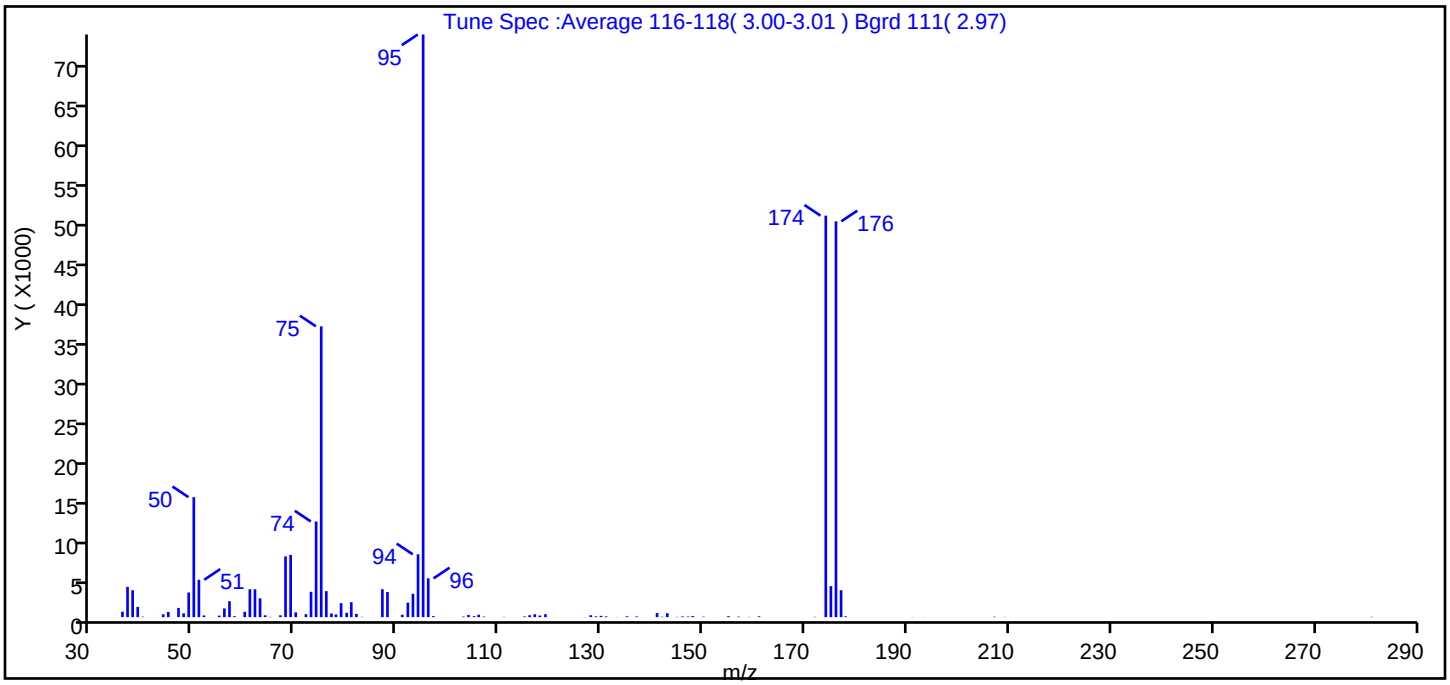
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10351.D
Injection Date: 07-Dec-2023 04:32:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base peak, 100% relative abundance | 100.0 |
| 50 | 15 to 40% of m/z 95 | 20.6 |
| 75 | 30 to 60% of m/z 95 | 49.9 |
| 96 | 5 to 9% of m/z 95 | 6.7 |
| 173 | Less than 2% of m/z 174 | 0.0 (0.0) |
| 174 | 50 to 120% of m/z 95 | 68.9 |
| 175 | 5 to 9% of m/z 174 | 5.3 (7.7) |
| 176 | Greater than 95% but less than 101% of m/z 174 | 67.9 (98.6) |
| 177 | 5 to 9% of m/z 176 | 4.6 (6.8) |

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10351.D\8260S_4.rslt\spectra.d
Injection Date: 07-Dec-2023 04:32:30
Spectrum: Tune Spec :Average 116-118( 3.00-3.01 ) Bgrd 111( 2.97)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 92

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 690 | 65.00 | 38 | 95.00 | 73744 | 142.00 | 47 |
| 37.00 | 3825 | 67.00 | 235 | 96.00 | 4911 | 143.00 | 494 |
| 38.00 | 3405 | 68.00 | 7689 | 97.00 | 131 | 145.00 | 40 |
| 39.00 | 1297 | 69.00 | 7878 | 103.00 | 75 | 146.00 | 90 |
| 40.00 | 56 | 70.00 | 603 | 104.00 | 280 | 147.00 | 71 |
| 43.00 | 7 | 72.00 | 369 | 105.00 | 123 | 148.00 | 142 |
| 44.00 | 359 | 73.00 | 3209 | 106.00 | 301 | 150.00 | 61 |
| 45.00 | 656 | 74.00 | 12110 | 107.00 | 72 | 155.00 | 122 |
| 47.00 | 1167 | 75.00 | 36808 | 111.00 | 37 | 157.00 | 67 |
| 48.00 | 476 | 76.00 | 3293 | 115.00 | 89 | 159.00 | 36 |
| 49.00 | 3119 | 77.00 | 459 | 116.00 | 243 | 161.00 | 99 |
| 50.00 | 15186 | 78.00 | 342 | 117.00 | 365 | 172.00 | 46 |
| 51.00 | 4729 | 79.00 | 1771 | 118.00 | 201 | 174.00 | 50816 |
| 52.00 | 217 | 80.00 | 553 | 119.00 | 368 | 175.00 | 3925 |
| 55.00 | 191 | 81.00 | 1891 | 127.00 | 17 | 176.00 | 50096 |
| 56.00 | 1105 | 82.00 | 413 | 128.00 | 242 | 177.00 | 3410 |
| 57.00 | 2018 | 83.00 | 41 | 129.00 | 102 | 178.00 | 109 |
| 58.00 | 116 | 87.00 | 3529 | 130.00 | 167 | 191.00 | 19 |
| 60.00 | 679 | 88.00 | 3179 | 131.00 | 96 | 193.00 | 16 |
| 61.00 | 3530 | 91.00 | 310 | 133.00 | 20 | 207.00 | 58 |
| 62.00 | 3532 | 92.00 | 1836 | 135.00 | 108 | 208.00 | 4 |
| 63.00 | 2380 | 93.00 | 2957 | 137.00 | 89 | 209.00 | 23 |
| 64.00 | 233 | 94.00 | 7955 | 141.00 | 514 | 281.00 | 42 |

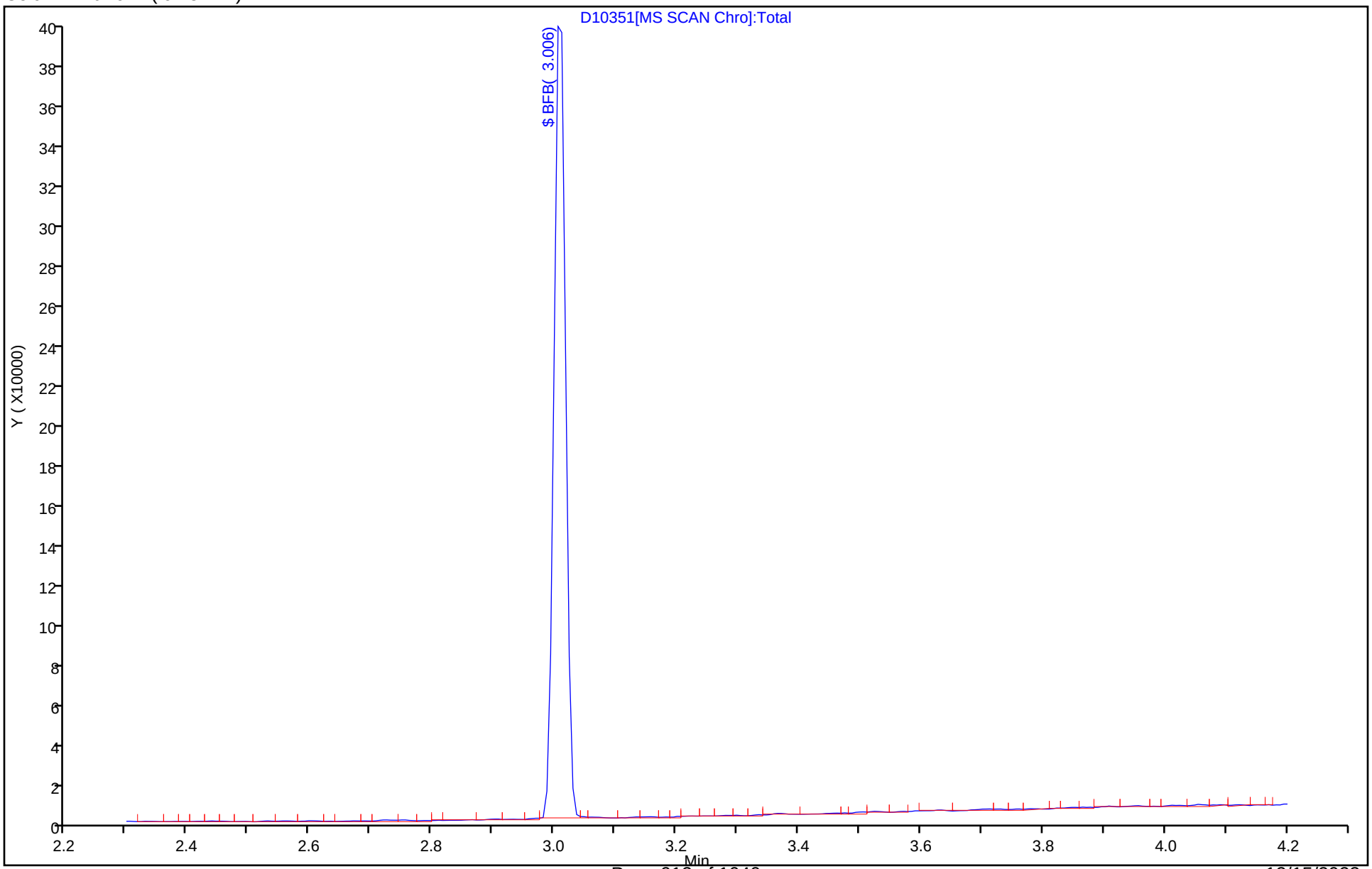
Report Date: 08-Dec-2023 19:18:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10351.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Dec-2023 04:32:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | BFB | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 99 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-949644/7

Matrix: Solid | Lab File ID: D10434.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 10:11

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) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.23 | U | 1.0 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.21 | U | 1.0 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.30 | U | 1.0 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.18 | U | 1.0 | 0.18 |
| 75-34-3 | 1,1-Dichloroethane | 0.21 | U | 1.0 | 0.21 |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 1.0 | 0.23 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.18 | U | 1.0 | 0.18 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 78-87-5 | 1,2-Dichloropropane | 0.42 | U | 1.0 | 0.42 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.37 | U | 1.0 | 0.37 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.23 | U | 1.0 | 0.23 |
| 123-91-1 | 1,4-Dioxane | 9.2 | U | 100 | 9.2 |
| 78-93-3 | 2-Butanone (MEK) | 0.37 | U | 5.0 | 0.37 |
| 591-78-6 | 2-Hexanone | 1.7 | U | 5.0 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.6 | U | 5.0 | 1.6 |
| 67-64-1 | Acetone | 5.7 | U | 6.0 | 5.7 |
| 71-43-2 | Benzene | 0.26 | U | 1.0 | 0.26 |
| 75-25-2 | Bromoform | 0.43 | U | 1.0 | 0.43 |
| 74-83-9 | Bromomethane | 1.0 | U | 2.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 0.27 | U | 1.0 | 0.27 |
| 56-23-5 | Carbon tetrachloride | 0.39 | U | 1.0 | 0.39 |
| 108-90-7 | Chlorobenzene | 0.18 | U | 1.0 | 0.18 |
| 74-97-5 | Chlorobromomethane | 0.28 | U | 1.0 | 0.28 |
| 124-48-1 | Chlorodibromomethane | 0.19 | U | 1.0 | 0.19 |
| 75-00-3 | Chloroethane | 0.52 | U | 1.0 | 0.52 |
| 67-66-3 | Chloroform | 0.97 | U | 1.0 | 0.97 |
| 74-87-3 | Chloromethane | 0.44 | U | 1.0 | 0.44 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.36 | U | 1.0 | 0.36 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 |
| 110-82-7 | Cyclohexane | 0.22 | U | 1.0 | 0.22 |
| 75-27-4 | Dichlorobromomethane | 0.26 | U | 1.0 | 0.26 |
| 75-71-8 | Dichlorodifluoromethane | 0.34 | U | 1.0 | 0.34 |
| 100-41-4 | Ethylbenzene | 0.20 | U | 1.0 | 0.20 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-949644/7

Matrix: Solid | Lab File ID: D10434.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 10:11

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) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.18 | U | 1.0 | 0.18 |
| 98-82-8 | Isopropylbenzene | 0.29 | U | 1.0 | 0.29 |
| 79-20-9 | Methyl acetate | 4.3 | U | 5.0 | 4.3 |
| 1634-04-4 | Methyl tert-butyl ether | 0.51 | U | 1.0 | 0.51 |
| 108-87-2 | Methylcyclohexane | 0.50 | U | 1.0 | 0.50 |
| 75-09-2 | Methylene Chloride | 1.1 | U | 2.0 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.17 | U | 1.0 | 0.17 |
| 95-47-6 | o-Xylene | 0.19 | U | 1.0 | 0.19 |
| 100-42-5 | Styrene | 0.28 | U | 1.0 | 0.28 |
| 127-18-4 | Tetrachloroethene | 0.31 | U | 1.0 | 0.31 |
| 108-88-3 | Toluene | 0.23 | U | 1.0 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.25 | U | 1.0 | 0.25 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 |
| 79-01-6 | Trichloroethene | 0.32 | U | 1.0 | 0.32 |
| 75-69-4 | Trichlorofluoromethane | 0.41 | U | 1.0 | 0.41 |
| 75-01-4 | Vinyl chloride | 0.55 | U | 1.0 | 0.55 |
| 107-06-2 | 1,2-Dichloroethane | 0.30 | U | 1.0 | 0.30 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.46 | U | 1.0 | 0.46 |
| 108-21-4 | Isopropyl acetate | 0.31 | U | 2.0 | 0.31 |
| 123-86-4 | n-Butyl acetate | 0.92 | U | 2.0 | 0.92 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 104 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 106 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 100 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10434.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Dec-2023 10:11:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0170079-007
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 14:14:34 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: NN6A Date: 13-Dec-2023 14:14:34

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.398 | 3.405 | -0.007 | 0 | 187679 | 1000.0 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.709 | 4.708 | 0.001 | 47 | 169584 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.282 | 5.282 | 0.000 | 96 | 218666 | 50.0 | 52.8 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.704 | 5.711 | -0.007 | 97 | 220511 | 50.0 | 50.1 | |
| * 63 Fluorobenzene | 96 | 6.041 | 6.048 | -0.007 | 98 | 535058 | 50.0 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.900 | 6.908 | -0.008 | 0 | 16994 | 1000.0 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.875 | 7.875 | 0.000 | 99 | 804130 | 50.0 | 49.9 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 88 | 353893 | 50.0 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.188 | 10.195 | -0.007 | 0 | 223212 | 50.0 | 52.0 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 182461 | 50.0 | 50.0 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

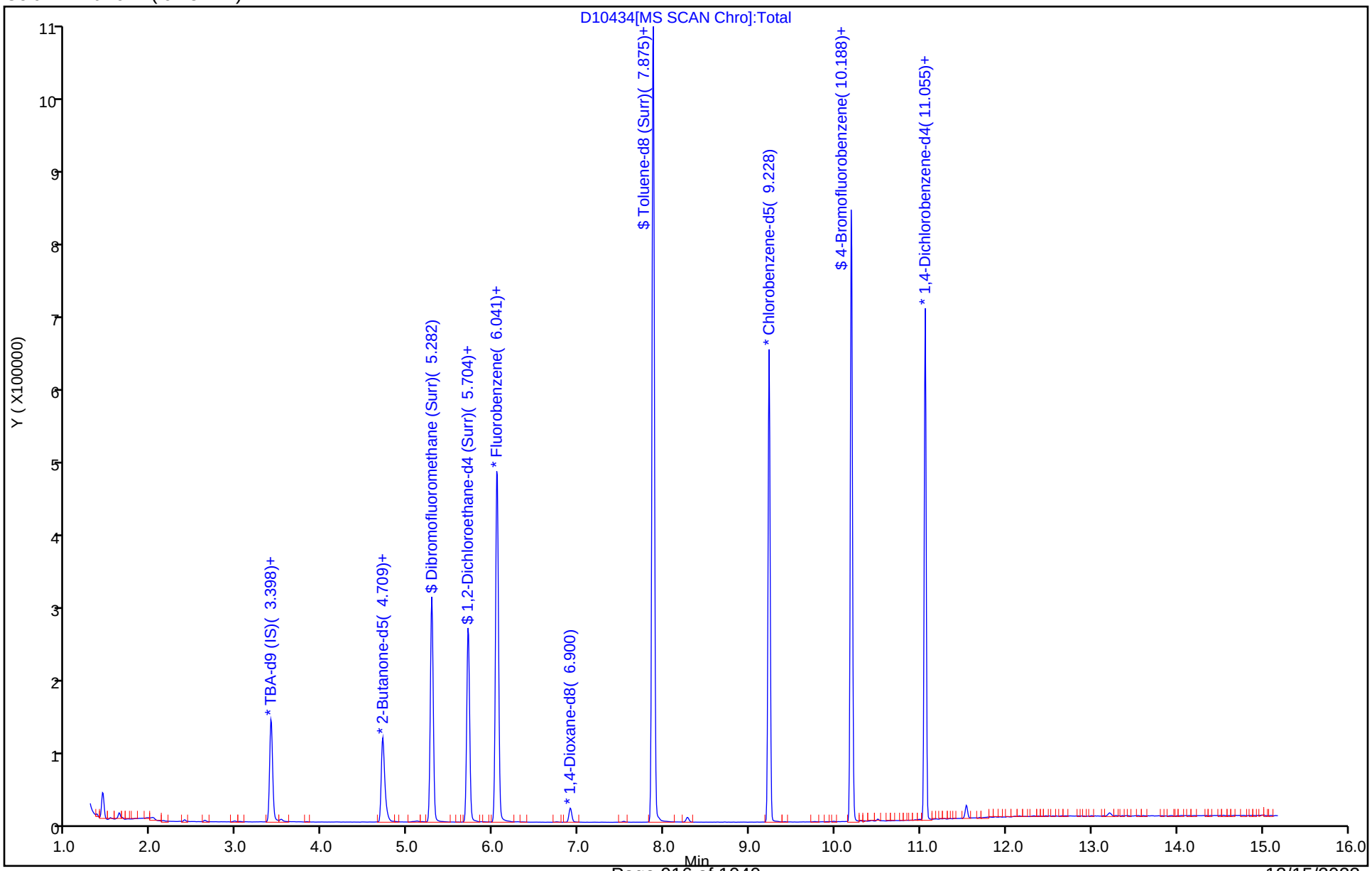
Report Date: 13-Dec-2023 14:14:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10434.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 10:11:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | MB | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10434.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Dec-2023 10:11:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0170079-007
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 14:14:34 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: NN6A Date: 13-Dec-2023 14:14:34

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 52.8 | 105.55 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.1 | 100.29 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 49.9 | 99.81 |
| $ 102 4-Bromofluorobenzene | 50.0 | 52.0 | 103.91 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-949677/8

Matrix: Water | Lab File ID: O12105.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 12:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.24 | U | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.31 | U | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.37 | U | 1.0 | 0.37 |
| 78-87-5 | 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.34 | U | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.33 | U | 1.0 | 0.33 |
| 123-91-1 | 1,4-Dioxane | 28 | U | 50 | 28 |
| 78-93-3 | 2-Butanone (MEK) | 1.9 | U | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 1.1 | U | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.3 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 4.4 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 0.20 | U | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 0.54 | U | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 0.55 | U | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 0.82 | U | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 0.38 | U | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 0.41 | U | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 0.28 | U | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 0.32 | U | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 0.33 | U | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 0.40 | U | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 0.32 | U | 1.0 | 0.32 |
| 75-27-4 | Dichlorobromomethane | 0.34 | U | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 0.31 | U | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 0.30 | U | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-949677/8

Matrix: Water | Lab File ID: O12105.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 12:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.50 | U | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 0.34 | U | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 0.79 | U | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 0.22 | U | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 0.71 | U | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 0.32 | U | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.30 | U | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 0.36 | U | 1.0 | 0.36 |
| 100-42-5 | Styrene | 0.42 | U | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 0.25 | U | 1.0 | 0.25 |
| 108-88-3 | Toluene | 0.38 | U | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 0.31 | U | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 0.32 | U | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 0.17 | U | 1.0 | 0.17 |
| 107-06-2 | 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.21 | U | 1.0 | 0.21 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.38 | U | 1.0 | 0.38 |
| 108-21-4 | Isopropyl acetate | 0.40 | U | 2.0 | 0.40 |
| 123-86-4 | n-Butyl acetate | 0.33 | U | 2.0 | 0.33 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 115 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 109 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12105.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Dec-2023 12:50:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0170088-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:19:51 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: RD6L Date: 13-Dec-2023 13:34:57

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 31 TBA-d9 (IS) | 65 | 2.526 | 2.525 | 0.001 | 0 | 172910 | 1000.0 | 1000.0 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 293615 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 97 | 100682 | 50.0 | 54.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 129139 | 50.0 | 47.9 | |
| * 65 Fluorobenzene | 96 | 4.660 | 4.672 | -0.012 | 98 | 549478 | 50.0 | 50.0 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 38068 | 1000.0 | 1000.0 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.521 | 6.521 | 0.000 | 99 | 457827 | 50.0 | 50.6 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 86 | 444845 | 50.0 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.380 | 10.391 | -0.011 | 89 | 140668 | 50.0 | 57.7 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 97 | 243759 | 50.0 | 50.0 | |

## Reagents:

8260SURR250_00242 Amount Added: 1.00 Units: uL
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 13-Dec-2023 13:34:58 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12105.d

Injection Date: 13-Dec-2023 12:50:30 Instrument ID: CVOAMS12 Operator ID:

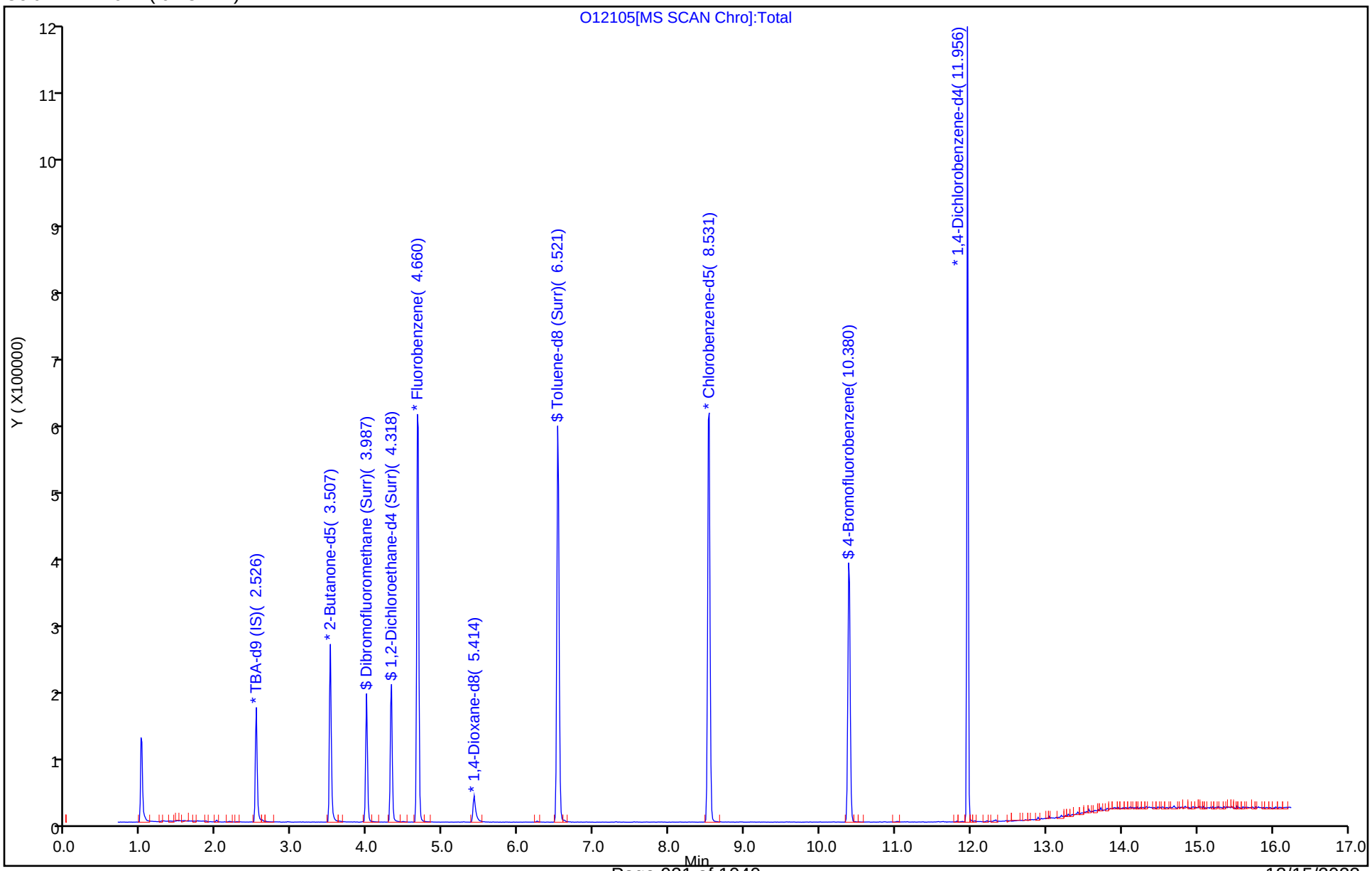
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_12 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12105.d
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Dec-2023 12:50:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0170088-008
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 13:19:51 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: RD6L Date: 13-Dec-2023 13:34:57

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 54.3 | 108.54 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.9 | 95.88 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 50.6 | 101.16 |
| $ 105 4-Bromofluorobenzene | 50.0 | 57.7 | 115.43 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-949836/7

Matrix: Solid | Lab File ID: B11191.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/14/2023 08:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.23 | U | 1.0 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.21 | U | 1.0 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.30 | U | 1.0 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.18 | U | 1.0 | 0.18 |
| 75-34-3 | 1,1-Dichloroethane | 0.21 | U | 1.0 | 0.21 |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 1.0 | 0.23 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.18 | U | 1.0 | 0.18 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 78-87-5 | 1,2-Dichloropropane | 0.42 | U | 1.0 | 0.42 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.37 | U | 1.0 | 0.37 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.23 | U | 1.0 | 0.23 |
| 123-91-1 | 1,4-Dioxane | 9.2 | U | 100 | 9.2 |
| 78-93-3 | 2-Butanone (MEK) | 0.37 | U | 5.0 | 0.37 |
| 591-78-6 | 2-Hexanone | 1.7 | U | 5.0 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.6 | U | 5.0 | 1.6 |
| 67-64-1 | Acetone | 5.7 | U | 6.0 | 5.7 |
| 71-43-2 | Benzene | 0.26 | U | 1.0 | 0.26 |
| 75-25-2 | Bromoform | 0.43 | U | 1.0 | 0.43 |
| 74-83-9 | Bromomethane | 1.0 | U | 2.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 0.27 | U | 1.0 | 0.27 |
| 56-23-5 | Carbon tetrachloride | 0.39 | U | 1.0 | 0.39 |
| 108-90-7 | Chlorobenzene | 0.18 | U | 1.0 | 0.18 |
| 74-97-5 | Chlorobromomethane | 0.28 | U | 1.0 | 0.28 |
| 124-48-1 | Chlorodibromomethane | 0.19 | U | 1.0 | 0.19 |
| 75-00-3 | Chloroethane | 0.52 | U | 1.0 | 0.52 |
| 67-66-3 | Chloroform | 0.97 | U | 1.0 | 0.97 |
| 74-87-3 | Chloromethane | 0.44 | U | 1.0 | 0.44 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.36 | U | 1.0 | 0.36 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 |
| 110-82-7 | Cyclohexane | 0.22 | U | 1.0 | 0.22 |
| 75-27-4 | Dichlorobromomethane | 0.26 | U | 1.0 | 0.26 |
| 75-71-8 | Dichlorodifluoromethane | 0.34 | U | 1.0 | 0.34 |
| 100-41-4 | Ethylbenzene | 0.20 | U | 1.0 | 0.20 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-949836/7

Matrix: Solid | Lab File ID: B11191.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/14/2023 08:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.18 | U | 1.0 | 0.18 |
| 98-82-8 | Isopropylbenzene | 0.29 | U | 1.0 | 0.29 |
| 79-20-9 | Methyl acetate | 4.3 | U | 5.0 | 4.3 |
| 1634-04-4 | Methyl tert-butyl ether | 0.51 | U | 1.0 | 0.51 |
| 108-87-2 | Methylcyclohexane | 0.50 | U | 1.0 | 0.50 |
| 75-09-2 | Methylene Chloride | 1.1 | U | 2.0 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.17 | U | 1.0 | 0.17 |
| 95-47-6 | o-Xylene | 0.19 | U | 1.0 | 0.19 |
| 100-42-5 | Styrene | 0.28 | U | 1.0 | 0.28 |
| 127-18-4 | Tetrachloroethene | 0.31 | U | 1.0 | 0.31 |
| 108-88-3 | Toluene | 0.23 | U | 1.0 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.25 | U | 1.0 | 0.25 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 |
| 79-01-6 | Trichloroethene | 0.32 | U | 1.0 | 0.32 |
| 75-69-4 | Trichlorofluoromethane | 0.41 | U | 1.0 | 0.41 |
| 75-01-4 | Vinyl chloride | 0.55 | U | 1.0 | 0.55 |
| 107-06-2 | 1,2-Dichloroethane | 0.30 | U | 1.0 | 0.30 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.46 | U | 1.0 | 0.46 |
| 108-21-4 | Isopropyl acetate | 0.31 | U | 2.0 | 0.31 |
| 123-86-4 | n-Butyl acetate | 0.92 | U | 2.0 | 0.92 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 112 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 91 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 104 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 97 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11191.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Dec-2023 08:32:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0170114-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:46:46 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 08:51:07

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 2.203 | 2.215 | -0.012 | 0 | 251999 | 1000.0 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.135 | 3.142 | -0.007 | 0 | 284198 | 250.0 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.599 | 3.605 | -0.006 | 96 | 142664 | 50.0 | 51.9 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.916 | 3.916 | 0.000 | 0 | 181595 | 50.0 | 56.1 | |
| * 60 Fluorobenzene | 96 | 4.263 | 4.263 | 0.000 | 97 | 475560 | 50.0 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.031 | 5.056 | -0.025 | 0 | 19711 | 1000.0 | 1000.0 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.123 | 6.123 | 0.000 | 97 | 555369 | 50.0 | 48.5 | |
| * 91 Chlorobenzene-d5 | 117 | 7.811 | 7.811 | 0.000 | 90 | 362199 | 50.0 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.884 | 8.884 | 0.000 | 89 | 134872 | 50.0 | 45.6 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.781 | 9.781 | 0.001 | 98 | 183337 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

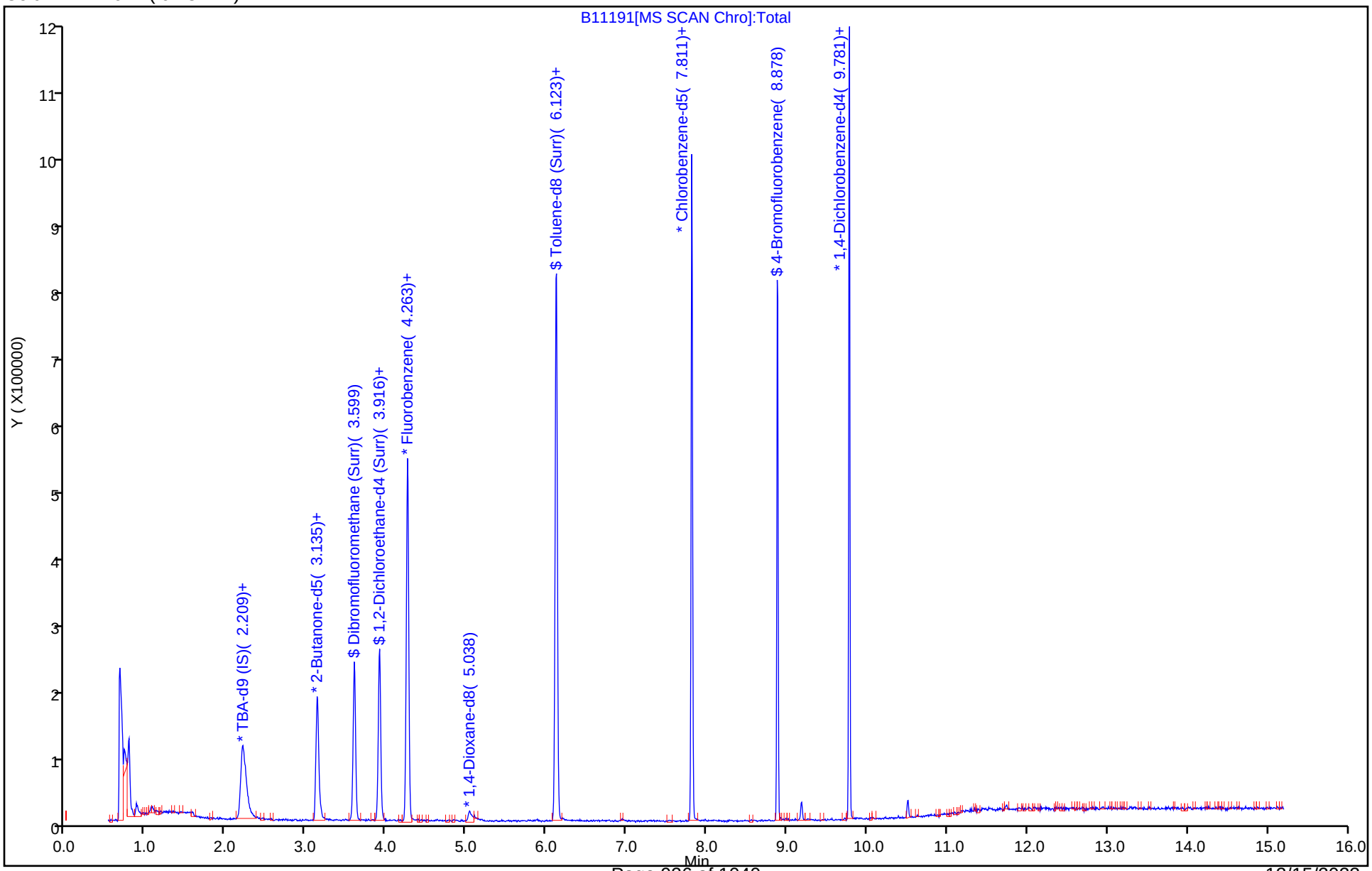
Report Date: 14-Dec-2023 11:48:42 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11191.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Dec-2023 08:32:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | MB | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11191.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Dec-2023 08:32:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0170114-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:46:46 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 08:51:07

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 51.9 | 103.87 |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 50.0 | 56.1 | 112.15 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 48.5 | 96.92 |
| $ 103 4-Bromofluorobenzene | 50.0 | 45.6 | 91.26 |

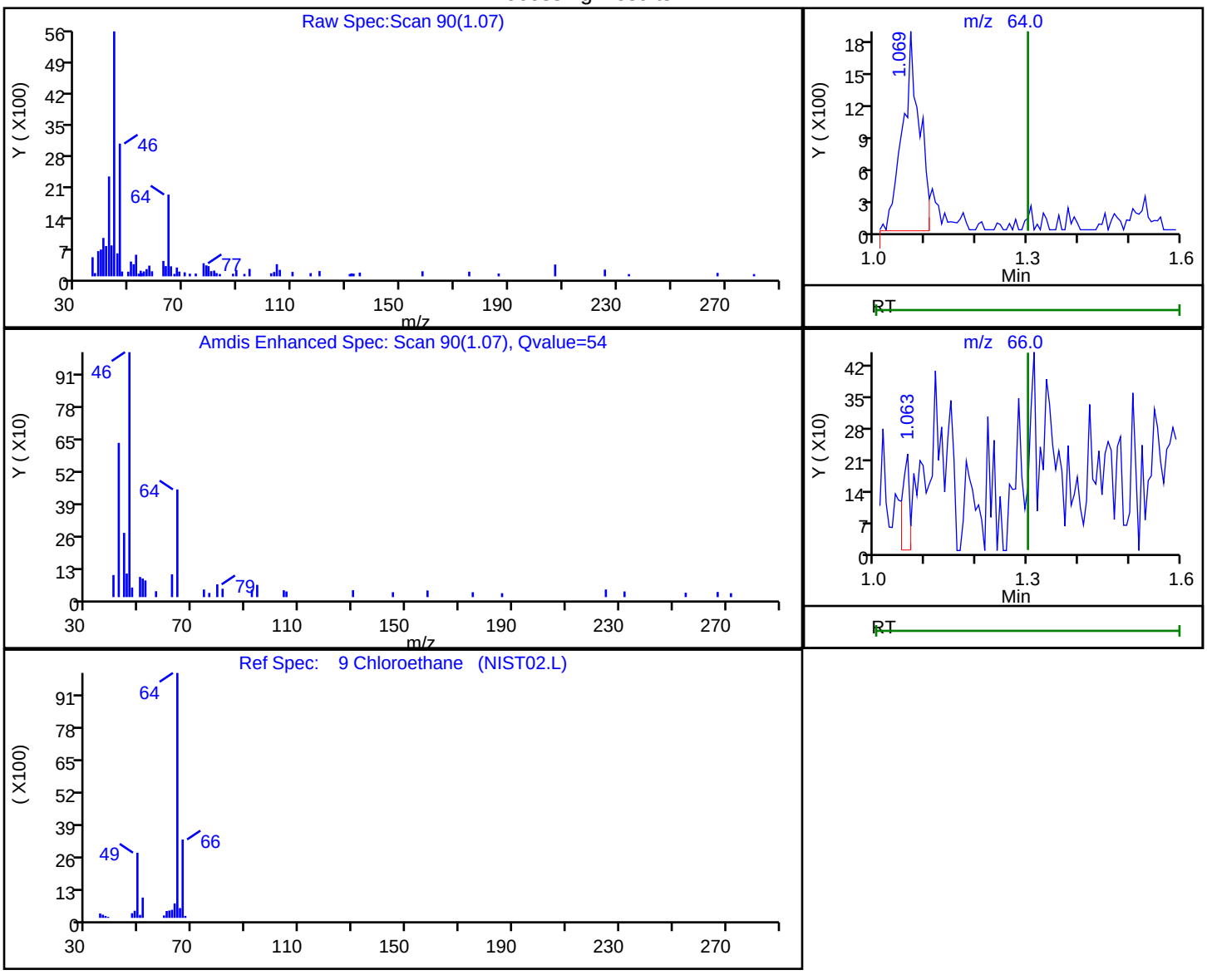
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11191.D
Injection Date: 14-Dec-2023 08:32:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 9 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.07 | 64.00 | 4285 | 2.482880 |
| 1.06 | 66.00 | 203 | |

Reviewer: N1JZ, 14-Dec-2023 08:50:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

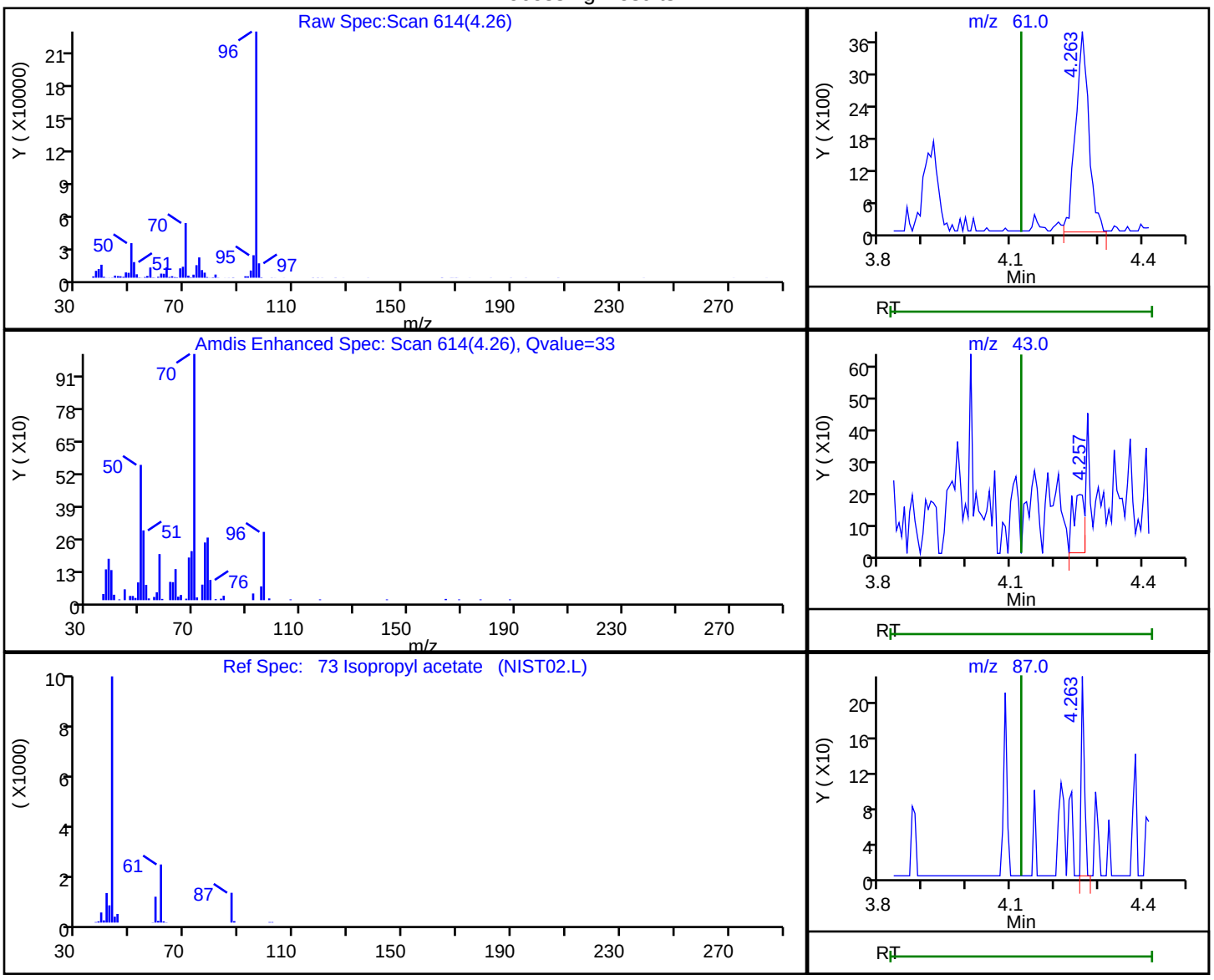
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11191.D
Injection Date: 14-Dec-2023 08:32:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 73 Isopropyl acetate, CAS: 108-21-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.26 | 61.00 | 7769 | 9.325847 |
| 4.26 | 43.00 | 346 | |
| 4.26 | 87.00 | 111 | |

Reviewer: N1JZ, 14-Dec-2023 08:50:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-949575/1-A

Matrix: Solid | Lab File ID: D10439.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/13/2023 13:13

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) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.23 | U | 1.0 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.21 | U | 1.0 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.30 | U | 1.0 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.18 | U | 1.0 | 0.18 |
| 75-34-3 | 1,1-Dichloroethane | 0.21 | U | 1.0 | 0.21 |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 1.0 | 0.23 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.18 | U | 1.0 | 0.18 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 78-87-5 | 1,2-Dichloropropane | 0.42 | U | 1.0 | 0.42 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.37 | U | 1.0 | 0.37 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.23 | U | 1.0 | 0.23 |
| 123-91-1 | 1,4-Dioxane | 9.2 | U | 100 | 9.2 |
| 78-93-3 | 2-Butanone (MEK) | 0.37 | U | 5.0 | 0.37 |
| 591-78-6 | 2-Hexanone | 1.7 | U | 5.0 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 1.6 | U | 5.0 | 1.6 |
| 67-64-1 | Acetone | 5.7 | U | 6.0 | 5.7 |
| 71-43-2 | Benzene | 0.26 | U | 1.0 | 0.26 |
| 75-25-2 | Bromoform | 0.43 | U | 1.0 | 0.43 |
| 74-83-9 | Bromomethane | 1.0 | U | 2.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 0.27 | U | 1.0 | 0.27 |
| 56-23-5 | Carbon tetrachloride | 0.39 | U | 1.0 | 0.39 |
| 108-90-7 | Chlorobenzene | 0.18 | U | 1.0 | 0.18 |
| 74-97-5 | Chlorobromomethane | 0.28 | U | 1.0 | 0.28 |
| 124-48-1 | Chlorodibromomethane | 0.19 | U | 1.0 | 0.19 |
| 75-00-3 | Chloroethane | 0.52 | U | 1.0 | 0.52 |
| 67-66-3 | Chloroform | 0.97 | U | 1.0 | 0.97 |
| 74-87-3 | Chloromethane | 0.44 | U | 1.0 | 0.44 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.36 | U | 1.0 | 0.36 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 |
| 110-82-7 | Cyclohexane | 0.22 | U | 1.0 | 0.22 |
| 75-27-4 | Dichlorobromomethane | 0.26 | U | 1.0 | 0.26 |
| 75-71-8 | Dichlorodifluoromethane | 0.34 | U | 1.0 | 0.34 |
| 100-41-4 | Ethylbenzene | 0.20 | U | 1.0 | 0.20 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-949575/1-A

Matrix: Solid | Lab File ID: D10439.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/13/2023 13:13

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) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 0.18 | U | 1.0 | 0.18 |
| 98-82-8 | Isopropylbenzene | 0.29 | U | 1.0 | 0.29 |
| 79-20-9 | Methyl acetate | 4.3 | U | 5.0 | 4.3 |
| 1634-04-4 | Methyl tert-butyl ether | 0.51 | U | 1.0 | 0.51 |
| 108-87-2 | Methylcyclohexane | 0.50 | U | 1.0 | 0.50 |
| 75-09-2 | Methylene Chloride | 1.1 | U | 2.0 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.17 | U | 1.0 | 0.17 |
| 95-47-6 | o-Xylene | 0.19 | U | 1.0 | 0.19 |
| 100-42-5 | Styrene | 0.28 | U | 1.0 | 0.28 |
| 127-18-4 | Tetrachloroethene | 0.31 | U | 1.0 | 0.31 |
| 108-88-3 | Toluene | 0.23 | U | 1.0 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.25 | U | 1.0 | 0.25 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.27 | U | 1.0 | 0.27 |
| 79-01-6 | Trichloroethene | 0.32 | U | 1.0 | 0.32 |
| 75-69-4 | Trichlorofluoromethane | 0.41 | U | 1.0 | 0.41 |
| 75-01-4 | Vinyl chloride | 0.55 | U | 1.0 | 0.55 |
| 107-06-2 | 1,2-Dichloroethane | 0.30 | U | 1.0 | 0.30 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.36 | U | 1.0 | 0.36 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.46 | U | 1.0 | 0.46 |
| 108-21-4 | Isopropyl acetate | 0.31 | U | 2.0 | 0.31 |
| 123-86-4 | n-Butyl acetate | 0.92 | U | 2.0 | 0.92 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 99 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 108 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 107 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 104 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10439.D
Lims ID: LB3 460-949575/1-A
Client ID:
Sample Type: LB3
Inject. Date: 13-Dec-2023 13:13:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-949575/1-A
Misc. Info.: 460-0170079-012
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 14:17:11 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: NN6A Date: 13-Dec-2023 14:17:11

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 147966 | 1000.0 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 42 | 122883 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.281 | 5.282 | -0.001 | 96 | 202191 | 50.0 | 53.7 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 97 | 197398 | 50.0 | 49.4 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 485992 | 50.0 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.907 | 6.908 | -0.001 | 0 | 13169 | 1000.0 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.874 | 7.875 | -0.001 | 99 | 750613 | 50.0 | 51.8 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 318392 | 50.0 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 206298 | 50.0 | 53.8 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 97 | 162812 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00242 Amount Added: 1.00 Units: uL Run Reagent

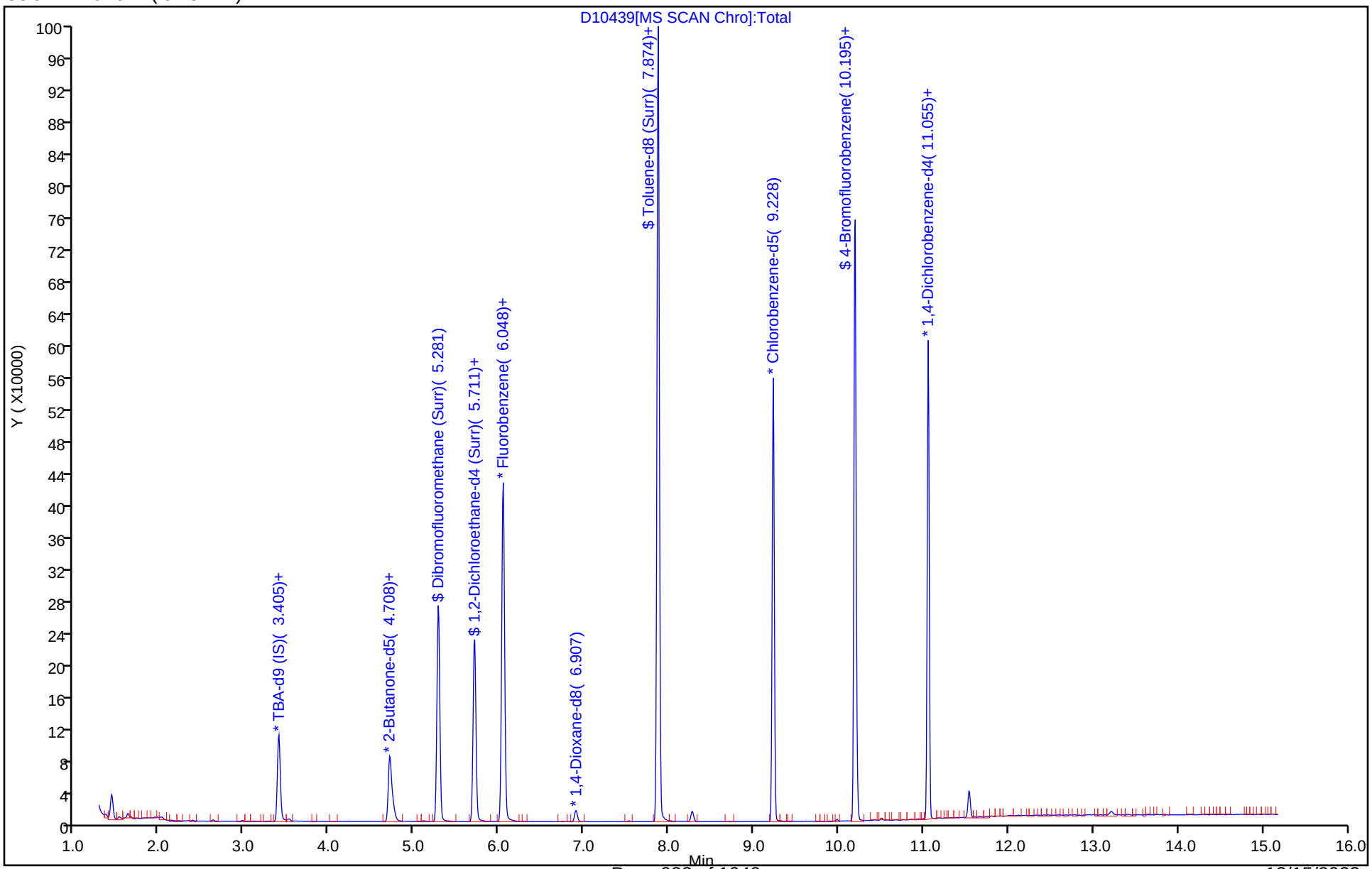
Report Date: 13-Dec-2023 14:17:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10439.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 13:13:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | LB3 460-949575/1-A | | | Worklist Smp#: | 12 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10439.D
Lims ID: LB3 460-949575/1-A
Client ID:
Sample Type: LB3
Inject. Date: 13-Dec-2023 13:13:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-949575/1-A
Misc. Info.: 460-0170079-012
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 14:17:11 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: NN6A Date: 13-Dec-2023 14:17:11

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 53.7 | 107.45 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.4 | 98.84 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 51.8 | 103.55 |
| $ 102 4-Bromofluorobenzene | 50.0 | 53.8 | 107.62 |

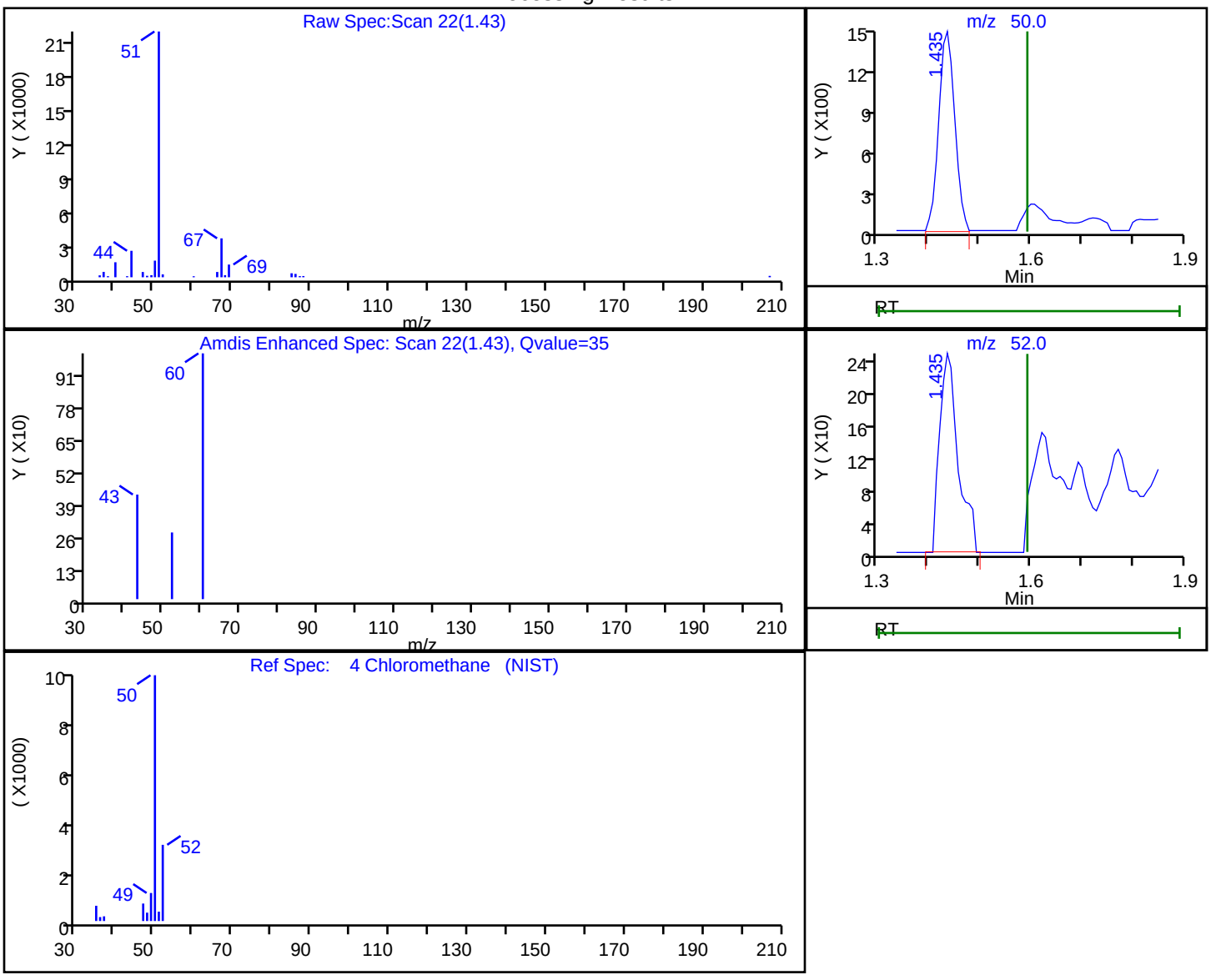
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10439.D
Injection Date: 13-Dec-2023 13:13:30 Instrument ID: CVOAMS4
Lims ID: LB3 460-949575/1-A
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 4 Chloromethane, CAS: 74-87-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.43 | 50.00 | 3153 | 0.443054 |
| 1.43 | 52.00 | 631 | |

Reviewer: NN6A, 13-Dec-2023 14:16:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-949644/3

Matrix: Solid | Lab File ID: D10430.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 08:38

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) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 20.1 | | 1.0 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 21.7 | | 1.0 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 19.6 | | 1.0 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 21.4 | | 1.0 | 0.18 |
| 75-34-3 | 1,1-Dichloroethane | 21.5 | | 1.0 | 0.21 |
| 75-35-4 | 1,1-Dichloroethene | 19.6 | | 1.0 | 0.23 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 21.1 | | 1.0 | 0.18 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 21.2 | | 1.0 | 0.36 |
| 78-87-5 | 1,2-Dichloropropane | 21.2 | | 1.0 | 0.42 |
| 541-73-1 | 1,3-Dichlorobenzene | 21.2 | | 1.0 | 0.37 |
| 106-46-7 | 1,4-Dichlorobenzene | 21.6 | | 1.0 | 0.23 |
| 123-91-1 | 1,4-Dioxane | 408 | | 100 | 9.2 |
| 78-93-3 | 2-Butanone (MEK) | 88.9 | | 5.0 | 0.37 |
| 591-78-6 | 2-Hexanone | 102 | | 5.0 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 104 | | 5.0 | 1.6 |
| 67-64-1 | Acetone | 86.9 | | 6.0 | 5.7 |
| 71-43-2 | Benzene | 20.5 | | 1.0 | 0.26 |
| 75-25-2 | Bromoform | 19.5 | | 1.0 | 0.43 |
| 74-83-9 | Bromomethane | 21.0 | | 2.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 18.8 | | 1.0 | 0.27 |
| 56-23-5 | Carbon tetrachloride | 20.2 | | 1.0 | 0.39 |
| 108-90-7 | Chlorobenzene | 20.5 | | 1.0 | 0.18 |
| 74-97-5 | Chlorobromomethane | 21.8 | | 1.0 | 0.28 |
| 124-48-1 | Chlorodibromomethane | 20.7 | | 1.0 | 0.19 |
| 75-00-3 | Chloroethane | 22.3 | | 1.0 | 0.52 |
| 67-66-3 | Chloroform | 20.9 | | 1.0 | 0.97 |
| 74-87-3 | Chloromethane | 20.3 | | 1.0 | 0.44 |
| 156-59-2 | cis-1,2-Dichloroethene | 20.9 | | 1.0 | 0.36 |
| 10061-01-5 | cis-1,3-Dichloropropene | 21.7 | | 1.0 | 0.27 |
| 110-82-7 | Cyclohexane | 19.0 | | 1.0 | 0.22 |
| 75-27-4 | Dichlorobromomethane | 21.1 | | 1.0 | 0.26 |
| 75-71-8 | Dichlorodifluoromethane | 18.4 | | 1.0 | 0.34 |
| 100-41-4 | Ethylbenzene | 20.3 | | 1.0 | 0.20 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-949644/3

Matrix: Solid | Lab File ID: D10430.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 08:38

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) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 21.0 | | 1.0 | 0.18 |
| 98-82-8 | Isopropylbenzene | 20.3 | | 1.0 | 0.29 |
| 79-20-9 | Methyl acetate | 38.1 | | 5.0 | 4.3 |
| 1634-04-4 | Methyl tert-butyl ether | 21.8 | | 1.0 | 0.51 |
| 108-87-2 | Methylcyclohexane | 18.9 | | 1.0 | 0.50 |
| 75-09-2 | Methylene Chloride | 20.5 | | 2.0 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 20.5 | | 1.0 | 0.17 |
| 95-47-6 | o-Xylene | 20.9 | | 1.0 | 0.19 |
| 100-42-5 | Styrene | 20.9 | | 1.0 | 0.28 |
| 127-18-4 | Tetrachloroethene | 19.3 | | 1.0 | 0.31 |
| 108-88-3 | Toluene | 20.3 | | 1.0 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 20.0 | | 1.0 | 0.25 |
| 10061-02-6 | trans-1,3-Dichloropropene | 21.6 | | 1.0 | 0.27 |
| 79-01-6 | Trichloroethene | 20.0 | | 1.0 | 0.32 |
| 75-69-4 | Trichlorofluoromethane | 20.9 | | 1.0 | 0.41 |
| 75-01-4 | Vinyl chloride | 21.7 | | 1.0 | 0.55 |
| 107-06-2 | 1,2-Dichloroethane | 21.2 | | 1.0 | 0.30 |
| 95-50-1 | 1,2-Dichlorobenzene | 20.9 | | 1.0 | 0.36 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 20.4 | | 1.0 | 0.46 |
| 108-21-4 | Isopropyl acetate | 20.8 | | 2.0 | 0.31 |
| 123-86-4 | n-Butyl acetate | 21.4 | | 2.0 | 0.92 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 98 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 107 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 102 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 103 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10430.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Dec-2023 08:38:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0170079-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 14:10:13 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: NN6A Date: 13-Dec-2023 14:10:13

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.363 | 1.363 | 0.000 | 93 | 27177 | 20.0 | 10.8 | |
| 2 Dichlorodifluoromethane | 85 | 1.392 | 1.399 | -0.007 | 99 | 140123 | 20.0 | 18.4 | |
| 3 Chlorodifluoromethane | 51 | 1.435 | 1.428 | 0.007 | 97 | 207666 | 20.0 | 19.1 | |
| 4 Chloromethane | 50 | 1.600 | 1.593 | 0.007 | 99 | 153721 | 20.0 | 20.3 | |
| 5 Vinyl chloride | 62 | 1.693 | 1.693 | 0.000 | 99 | 149714 | 20.0 | 21.7 | |
| 6 Butadiene | 54 | 1.721 | 1.721 | 0.000 | 98 | 142452 | 20.0 | 21.7 | |
| 7 Bromomethane | 94 | 2.015 | 2.015 | 0.000 | 98 | 76456 | 20.0 | 21.0 | |
| 8 Chloroethane | 64 | 2.122 | 2.123 | -0.001 | 100 | 83684 | 20.0 | 22.3 | |
| 10 Dichlorofluoromethane | 67 | 2.337 | 2.338 | -0.001 | 99 | 238564 | 20.0 | 22.1 | |
| 9 Trichlorofluoromethane | 101 | 2.337 | 2.338 | -0.001 | 98 | 168818 | 20.0 | 20.9 | |
| 11 Pentane | 72 | 2.388 | 2.388 | 0.000 | 95 | 40118 | 40.0 | 37.2 | |
| 12 Ethanol | 46 | 2.588 | 2.595 | -0.007 | 95 | 17531 | 800.0 | 819.0 | a |
| 13 Ethyl ether | 59 | 2.624 | 2.624 | 0.000 | 95 | 78204 | 20.0 | 20.7 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.638 | 2.638 | 0.000 | 98 | 104204 | 20.0 | 19.4 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.696 | 2.696 | 0.000 | 95 | 87203 | 20.0 | 20.4 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.760 | 2.760 | 0.000 | 97 | 158005 | 20.0 | 20.2 | |
| 18 Acrolein | 56 | 2.824 | 2.825 | -0.001 | 96 | 191129 | 300.0 | 254.1 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.817 | 2.825 | -0.008 | 94 | 104735 | 20.0 | 19.6 | |
| 19 1,1-Dichloroethene | 96 | 2.853 | 2.853 | 0.000 | 96 | 95096 | 20.0 | 19.6 | |
| 20 Acetone | 43 | 2.975 | 2.975 | 0.000 | 86 | 124476 | 100.0 | 86.9 | |
| 21 Iodomethane | 142 | 3.025 | 3.025 | 0.000 | 99 | 109464 | 20.0 | 17.5 | |
| 22 Carbon disulfide | 76 | 3.054 | 3.054 | 0.000 | 99 | 342306 | 20.0 | 18.8 | |
| 23 Isopropyl alcohol | 45 | 3.097 | 3.097 | 0.000 | 98 | 50516 | 200.0 | 199.1 | |
| 24 3-Chloro-1-propene | 76 | 3.240 | 3.240 | 0.000 | 91 | 30434 | 20.0 | 15.5 | |
| 25 Cyclopentene | 67 | 3.254 | 3.254 | 0.000 | 94 | 224619 | 20.0 | 18.9 | |
| 26 Methyl acetate | 43 | 3.269 | 3.269 | 0.000 | 99 | 85530 | 40.0 | 38.1 | |
| 27 Acetonitrile | 40 | 3.326 | 3.326 | 0.000 | 99 | 51928 | 200.0 | 209.2 | |
| 28 Methylene Chloride | 84 | 3.397 | 3.398 | -0.001 | 95 | 107270 | 20.0 | 20.5 | |
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 176115 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.491 | 3.491 | 0.000 | 98 | 67826 | 200.0 | 202.1 | |
| 31 Methyl tert-butyl ether | 73 | 3.591 | 3.591 | 0.000 | 98 | 245077 | 20.0 | 21.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 trans-1,2-Dichloroethene | 96 | 3.620 | 3.620 | 0.000 | 98 | 105534 | 20.0 | 20.0 | |
| 33 Acrylonitrile | 53 | 3.720 | 3.720 | 0.000 | 94 | 262669 | 200.0 | 213.4 | |
| 34 Hexane | 57 | 3.813 | 3.820 | -0.007 | 94 | 168304 | 20.0 | 18.5 | |
| 35 Isopropyl ether | 45 | 4.085 | 4.085 | 0.000 | 98 | 344481 | 20.0 | 21.8 | |
| 36 1,1-Dichloroethane | 63 | 4.107 | 4.107 | 0.000 | 99 | 196417 | 20.0 | 21.5 | |
| 37 Vinyl acetate | 86 | 4.142 | 4.143 | -0.001 | 100 | 28620 | 40.0 | 48.0 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.157 | 4.157 | 0.000 | 92 | 93044 | 20.0 | 19.9 | |
| 39 Tert-butyl ethyl ether | 59 | 4.472 | 4.472 | 0.000 | 89 | 287199 | 20.0 | 21.5 | |
| 40 2,2-Dichloropropane | 79 | 4.701 | 4.701 | 0.000 | 93 | 44804 | 20.0 | 23.6 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 96 | 152534 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.737 | 4.737 | 0.000 | 97 | 111519 | 20.0 | 20.9 | |
| 43 2-Butanone (MEK) | 72 | 4.773 | 4.773 | 0.000 | 98 | 41284 | 100.0 | 88.9 | |
| 44 Ethyl acetate | 70 | 4.794 | 4.794 | 0.000 | 97 | 16089 | 40.0 | 40.8 | |
| 45 Methyl acrylate | 55 | 4.852 | 4.852 | 0.000 | 99 | 66435 | 20.0 | 19.8 | |
| 46 Propionitrile | 54 | 4.938 | 4.938 | 0.000 | 98 | 97955 | 200.0 | 195.9 | |
| 47 Tetrahydrofuran | 72 | 5.009 | 5.009 | 0.000 | 94 | 18046 | 40.0 | 39.8 | |
| 48 Chlorobromomethane | 128 | 5.016 | 5.016 | 0.000 | 93 | 39682 | 20.0 | 21.8 | |
| 49 Methacrylonitrile | 67 | 5.059 | 5.059 | 0.000 | 93 | 303886 | 200.0 | 208.1 | |
| 50 Chloroform | 83 | 5.088 | 5.095 | -0.007 | 98 | 178703 | 20.0 | 20.9 | |
| 51 Cyclohexane | 84 | 5.224 | 5.224 | 0.000 | 93 | 150435 | 20.0 | 19.0 | |
| 52 1,1,1-Trichloroethane | 97 | 5.253 | 5.253 | 0.000 | 99 | 149480 | 20.0 | 20.1 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.281 | 5.282 | -0.001 | 96 | 205273 | 50.0 | 51.2 | |
| 54 Carbon tetrachloride | 117 | 5.396 | 5.396 | 0.000 | 98 | 116515 | 20.0 | 20.2 | |
| 55 1,1-Dichloropropene | 75 | 5.439 | 5.439 | 0.000 | 97 | 148351 | 20.0 | 19.6 | |
| 56 Isobutyl alcohol | 43 | 5.647 | 5.647 | 0.000 | 91 | 154245 | 500.0 | 506.9 | |
| 57 Benzene | 78 | 5.683 | 5.683 | -0.001 | 98 | 411858 | 20.0 | 20.5 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 98 | 207875 | 50.0 | 48.8 | |
| 59 Tert-amyl methyl ether | 87 | 5.783 | 5.783 | 0.000 | 97 | 71189 | 20.0 | 20.7 | |
| 60 Isopropyl acetate | 61 | 5.797 | 5.797 | 0.000 | 99 | 41776 | 20.0 | 20.8 | |
| 61 1,2-Dichloroethane | 62 | 5.804 | 5.804 | 0.000 | 96 | 117123 | 20.0 | 21.2 | |
| 62 n-Heptane | 43 | 5.905 | 5.905 | 0.000 | 94 | 174022 | 20.0 | 19.1 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 518081 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.470 | 6.471 | -0.001 | 91 | 47203 | 500.0 | 494.4 | |
| 65 Trichloroethene | 95 | 6.485 | 6.485 | 0.000 | 98 | 105830 | 20.0 | 20.0 | |
| 66 Methylcyclohexane | 83 | 6.628 | 6.628 | 0.000 | 95 | 176816 | 20.0 | 18.9 | |
| 67 Ethyl acrylate | 55 | 6.671 | 6.671 | 0.000 | 98 | 104632 | 20.0 | 23.0 | |
| 68 1,2-Dichloropropane | 63 | 6.836 | 6.836 | 0.000 | 91 | 105340 | 20.0 | 21.2 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.907 | 6.908 | -0.001 | 0 | 17280 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.958 | 6.958 | 0.000 | 94 | 35333 | 40.0 | 39.5 | |
| 71 1,4-Dioxane | 88 | 6.965 | 6.965 | 0.000 | 94 | 16063 | 400.0 | 407.8 | |
| 72 Dibromomethane | 93 | 6.979 | 6.979 | 0.000 | 96 | 51673 | 20.0 | 22.7 | |
| 73 n-Propyl acetate | 43 | 7.022 | 7.022 | 0.000 | 99 | 101845 | 20.0 | 20.7 | |
| 74 Dichlorobromomethane | 83 | 7.151 | 7.151 | 0.000 | 99 | 120609 | 20.0 | 21.1 | |
| 75 2-Nitropropane | 41 | 7.502 | 7.502 | 0.000 | 99 | 29456 | 40.0 | 38.9 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.516 | 7.516 | 0.000 | 97 | 45453 | 20.0 | 22.5 | |
| 77 Epichlorohydrin | 57 | 7.602 | 7.602 | 0.000 | 99 | 48565 | 400.0 | 517.3 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.652 | 7.652 | 0.000 | 93 | 154723 | 20.0 | 21.7 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.817 | 7.817 | 0.000 | 97 | 330719 | 100.0 | 103.7 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.874 | 7.875 | -0.001 | 99 | 787368 | 50.0 | 51.5 | |
| 81 Toluene | 91 | 7.939 | 7.939 | 0.000 | 93 | 409933 | 20.0 | 20.3 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.240 | 8.240 | 0.000 | 94 | 129071 | 20.0 | 21.6 | |
| 83 Ethyl methacrylate | 69 | 8.276 | 8.276 | 0.000 | 91 | 90115 | 20.0 | 20.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 1,1,2-Trichloroethane | 83 | 8.412 | 8.412 | 0.000 | 95 | 62802 | 20.0 | 21.4 | |
| 85 Tetrachloroethene | 166 | 8.440 | 8.440 | 0.000 | 97 | 95255 | 20.0 | 19.3 | |
| 86 1,3-Dichloropropane | 76 | 8.569 | 8.569 | 0.000 | 94 | 125767 | 20.0 | 21.2 | |
| 87 2-Hexanone | 43 | 8.619 | 8.619 | 0.000 | 99 | 233194 | 100.0 | 101.9 | |
| 88 n-Butyl acetate | 73 | 8.705 | 8.713 | -0.008 | 98 | 18546 | 20.0 | 21.4 | |
| 89 Chlorodibromomethane | 129 | 8.741 | 8.741 | 0.000 | 98 | 78175 | 20.0 | 20.7 | |
| 90 Ethylene Dibromide | 107 | 8.849 | 8.849 | 0.000 | 98 | 67300 | 20.0 | 21.0 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 335658 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.257 | 9.257 | 0.000 | 94 | 245349 | 20.0 | 20.5 | |
| 93 Ethylbenzene | 106 | 9.321 | 9.321 | 0.000 | 99 | 135927 | 20.0 | 20.3 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.336 | 9.336 | 0.000 | 96 | 81096 | 20.0 | 20.9 | |
| 95 m-Xylene & p-Xylene | 106 | 9.422 | 9.422 | 0.000 | 0 | 167431 | 20.0 | 20.5 | |
| 96 n-Butyl acrylate | 73 | 9.722 | 9.723 | -0.001 | 96 | 48261 | 20.0 | 20.7 | |
| 97 o-Xylene | 106 | 9.751 | 9.751 | 0.000 | 94 | 161344 | 20.0 | 20.9 | |
| 98 Styrene | 104 | 9.773 | 9.773 | 0.000 | 94 | 256894 | 20.0 | 20.9 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.902 | 9.902 | 0.000 | 91 | 121151 | 20.0 | 22.5 | |
| 100 Bromoform | 173 | 9.945 | 9.945 | -0.001 | 95 | 45591 | 20.0 | 19.5 | |
| 101 Isopropylbenzene | 105 | 10.030 | 10.031 | -0.001 | 96 | 418144 | 20.0 | 20.3 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 219632 | 50.0 | 53.7 | |
| 103 Bromobenzene | 156 | 10.303 | 10.303 | 0.000 | 97 | 95378 | 20.0 | 21.0 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.324 | 10.324 | 0.000 | 99 | 84761 | 20.0 | 21.7 | |
| 105 N-Propylbenzene | 91 | 10.353 | 10.353 | 0.000 | 99 | 530463 | 20.0 | 21.1 | |
| 106 1,2,3-Trichloropropane | 110 | 10.367 | 10.367 | 0.000 | 95 | 22506 | 20.0 | 21.4 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.374 | 10.374 | 0.000 | 81 | 26537 | 20.0 | 21.9 | |
| 108 4-Ethyltoluene | 105 | 10.439 | 10.439 | 0.000 | 98 | 421722 | 20.0 | 20.8 | |
| 109 2-Chlorotoluene | 91 | 10.439 | 10.439 | 0.000 | 95 | 355514 | 20.0 | 21.3 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.489 | 10.489 | 0.000 | 92 | 363991 | 20.0 | 21.0 | |
| 111 4-Chlorotoluene | 91 | 10.532 | 10.532 | 0.000 | 98 | 326094 | 20.0 | 21.6 | |
| 112 Butyl Methacrylate | 87 | 10.546 | 10.546 | 0.000 | 94 | 98981 | 20.0 | 22.0 | |
| 113 tert-Butylbenzene | 119 | 10.725 | 10.725 | 0.000 | 93 | 299494 | 20.0 | 20.1 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.768 | 10.768 | 0.000 | 98 | 356550 | 20.0 | 21.1 | |
| 115 sec-Butylbenzene | 105 | 10.883 | 10.883 | 0.000 | 99 | 471743 | 20.0 | 20.8 | |
| 116 4-Isopropyltoluene | 119 | 10.990 | 10.990 | 0.000 | 98 | 385349 | 20.0 | 20.9 | |
| 117 1,3-Dichlorobenzene | 146 | 11.005 | 11.005 | 0.000 | 94 | 189903 | 20.0 | 21.2 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 96 | 173573 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.076 | 11.076 | 0.000 | 94 | 195165 | 20.0 | 21.6 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.083 | 11.084 | -0.001 | 99 | 360752 | 20.0 | 21.1 | |
| 121 Benzyl chloride | 126 | 11.184 | 11.184 | 0.000 | 98 | 30170 | 20.0 | 16.6 | |
| 122 2,3-Dihydroindene | 117 | 11.234 | 11.234 | 0.000 | 94 | 357296 | 20.0 | 20.8 | |
| 123 p-Diethylbenzene | 119 | 11.263 | 11.263 | -0.001 | 92 | 259639 | 20.0 | 20.7 | |
| 124 n-Butylbenzene | 92 | 11.284 | 11.284 | 0.000 | 97 | 223330 | 20.0 | 21.1 | |
| 125 1,2-Dichlorobenzene | 146 | 11.348 | 11.349 | -0.001 | 97 | 171020 | 20.0 | 20.9 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.879 | 11.879 | 0.000 | 97 | 333583 | 20.0 | 21.2 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.986 | 11.986 | 0.000 | 97 | 15450 | 20.0 | 20.4 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.108 | 12.108 | 0.000 | 97 | 140160 | 20.0 | 21.1 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.724 | 12.724 | 0.000 | 94 | 116304 | 20.0 | 21.2 | |
| 130 Hexachlorobutadiene | 225 | 12.831 | 12.831 | 0.000 | 91 | 63929 | 20.0 | 19.4 | |
| 131 Naphthalene | 128 | 13.003 | 13.003 | 0.000 | 99 | 229271 | 20.0 | 20.7 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.282 | 13.283 | -0.001 | 95 | 101273 | 20.0 | 21.1 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 40.9 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 43.3 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 41.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 102.5 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | |
| 524FREONS_00002 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

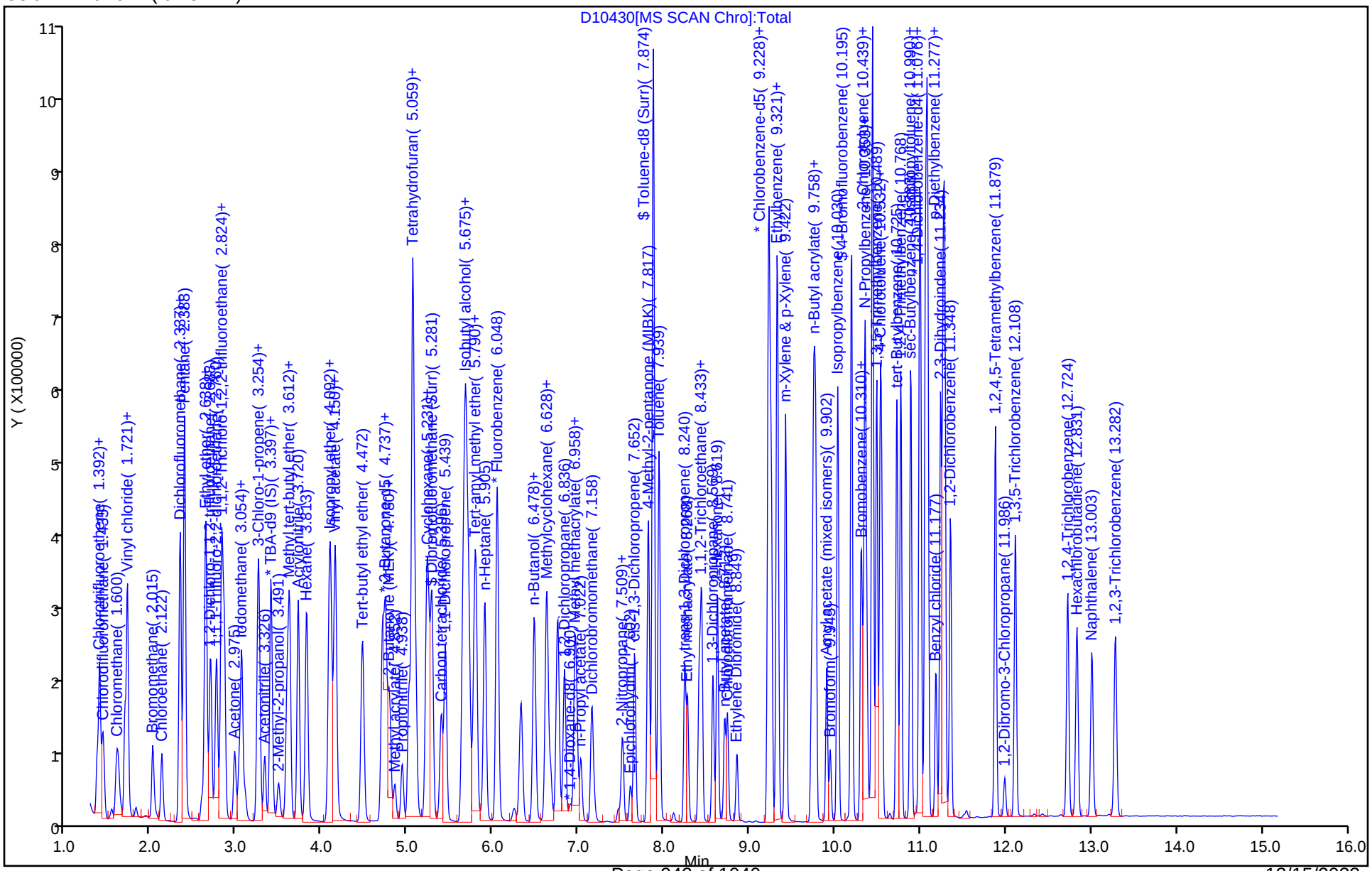
Report Date: 13-Dec-2023 14:10:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10430.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 08:38:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | LCS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10430.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Dec-2023 08:38:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0170079-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 14:10:13 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: NN6A Date: 13-Dec-2023 14:10:13

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 51.2 | 102.33 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.8 | 97.64 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 51.5 | 103.04 |
| $ 102 4-Bromofluorobenzene | 50.0 | 53.7 | 107.48 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-949677/3

Matrix: Water | Lab File ID: O12100.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 10:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 20.1 | | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 17.4 | | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 21.8 | | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 17.5 | | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 18.6 | | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 19.1 | | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 22.3 | | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 23.8 | | 1.0 | 0.37 |
| 78-87-5 | 1,2-Dichloropropane | 19.9 | | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 20.0 | | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 20.2 | | 1.0 | 0.33 |
| 123-91-1 | 1,4-Dioxane | 408 | | 50 | 28 |
| 78-93-3 | 2-Butanone (MEK) | 102 | | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 103 | | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 103 | | 5.0 | 1.3 |
| 67-64-1 | Acetone | 96.2 | | 5.0 | 4.4 |
| 71-43-2 | Benzene | 19.2 | | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 19.6 | | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 12.1 | | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 22.2 | | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 21.1 | | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 19.7 | | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 19.9 | | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 20.3 | | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 18.4 | | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 18.7 | | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 17.6 | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 18.9 | | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 18.8 | | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 22.6 | | 1.0 | 0.32 |
| 75-27-4 | Dichlorobromomethane | 19.4 | | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 15.5 | | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 19.2 | | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-949677/3

Matrix: Water | Lab File ID: O12100.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 10:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 19.5 | | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 19.8 | | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 32.8 | | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 18.7 | | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 21.5 | | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 19.5 | | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 19.8 | | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 19.4 | | 1.0 | 0.36 |
| 100-42-5 | Styrene | 18.5 | | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 22.3 | | 1.0 | 0.25 |
| 108-88-3 | Toluene | 18.3 | | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 19.2 | | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 17.0 | | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 19.4 | | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 18.8 | | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 19.0 | | 1.0 | 0.17 |
| 107-06-2 | 1,2-Dichloroethane | 17.8 | | 1.0 | 0.43 |
| 95-50-1 | 1,2-Dichlorobenzene | 20.2 | | 1.0 | 0.21 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 19.7 | | 1.0 | 0.38 |
| 108-21-4 | Isopropyl acetate | 18.1 | | 2.0 | 0.40 |
| 123-86-4 | n-Butyl acetate | 17.6 | | 2.0 | 0.33 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 91 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 117 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 105 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12100.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Dec-2023 10:45:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0170088-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 13:30:54 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: RD6L Date: 13-Dec-2023 11:21:00

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 95 | 16385 | 20.0 | 22.6 | |
| 3 Dichlorodifluoromethane | 85 | 1.132 | 1.144 | -0.012 | 100 | 63367 | 20.0 | 15.5 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 98 | 11893 | 20.0 | 19.7 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 100 | 79614 | 20.0 | 17.6 | |
| 7 Vinyl chloride | 62 | 1.327 | 1.338 | -0.011 | 98 | 72396 | 20.0 | 19.0 | |
| 8 Butadiene | 54 | 1.349 | 1.361 | -0.012 | 99 | 67018 | 20.0 | 16.7 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 98 | 37486 | 20.0 | 12.1 | |
| 10 Chloroethane | 64 | 1.623 | 1.623 | 0.000 | 99 | 46377 | 20.0 | 18.4 | |
| 11 Dichlorofluoromethane | 67 | 1.760 | 1.760 | 0.000 | 99 | 112124 | 20.0 | 18.6 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.806 | -0.011 | 100 | 79322 | 20.0 | 18.8 | |
| 13 Pentane | 57 | 1.852 | 1.863 | -0.011 | 96 | 27388 | 40.0 | 44.0 | |
| 14 Ethanol | 46 | 1.920 | 1.920 | 0.000 | 98 | 10208 | 800.0 | 1057.4 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 96 | 48617 | 20.0 | 19.1 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 94 | 41269 | 20.0 | 18.9 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.012 | 2.023 | -0.011 | 99 | 56900 | 20.0 | 19.7 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 97 | 70058 | 20.0 | 17.6 | |
| 19 Acrolein | 56 | 2.080 | 2.091 | -0.011 | 96 | 12942 | 40.0 | 53.1 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 98 | 43368 | 20.0 | 19.1 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 96 | 52556 | 20.0 | 21.8 | |
| 22 Acetone | 58 | 2.183 | 2.194 | -0.011 | 86 | 18733 | 100.0 | 96.2 | |
| 23 Iodomethane | 142 | 2.263 | 2.274 | -0.011 | 98 | 56534 | 20.0 | 18.4 | |
| 24 Isopropyl alcohol | 45 | 2.286 | 2.285 | 0.001 | 98 | 18222 | 200.0 | 154.9 | |
| 25 Carbon disulfide | 76 | 2.308 | 2.320 | -0.012 | 100 | 184044 | 20.0 | 22.2 | |
| 26 Acetonitrile | 38 | 2.411 | 2.411 | 0.000 | 94 | 20434 | 200.0 | 247.0 | |
| 27 3-Chloro-1-propene | 76 | 2.411 | 2.422 | -0.011 | 88 | 31783 | 20.0 | 19.5 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 100 | 36254 | 40.0 | 32.8 | |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 98 | 109704 | 20.0 | 18.9 | |
| 30 Methylene Chloride | 84 | 2.502 | 2.514 | -0.012 | 96 | 59443 | 20.0 | 19.5 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 174034 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.582 | 2.594 | -0.012 | 98 | 36993 | 200.0 | 184.5 | |
| 33 Acrylonitrile | 53 | 2.685 | 2.685 | 0.000 | 94 | 170046 | 200.0 | 185.0 | |

| 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 | 2.719 | 2.719 | 0.000 | 94 | 54019 | 20.0 | 19.2 | |
| 35 Methyl tert-butyl ether | 73 | 2.719 | 2.719 | 0.000 | 98 | 171079 | 20.0 | 18.7 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 94 | 61889 | 20.0 | 20.9 | |
| 37 1,1-Dichloroethane | 63 | 3.050 | 3.050 | 0.000 | 99 | 100703 | 20.0 | 18.6 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 24994 | 40.0 | 53.4 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 95 | 212027 | 20.0 | 20.1 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.130 | 3.130 | 0.000 | 92 | 57035 | 20.0 | 21.1 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 89 | 185745 | 20.0 | 18.8 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 299172 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.541 | 3.553 | -0.012 | 95 | 58336 | 20.0 | 18.9 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 87 | 20647 | 20.0 | 19.2 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 100 | 32854 | 100.0 | 102.2 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 98 | 67390 | 200.0 | 244.0 | |
| 47 Ethyl acetate | 43 | 3.621 | 3.621 | 0.000 | 99 | 125149 | 40.0 | 40.8 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 99 | 58622 | 20.0 | 16.6 | M |
| 50 Methacrylonitrile | 67 | 3.747 | 3.758 | -0.011 | 94 | 236791 | 200.0 | 177.5 | |
| 49 Chlorobromomethane | 128 | 3.758 | 3.758 | 0.000 | 92 | 27749 | 20.0 | 19.9 | |
| 51 Tetrahydrofuran | 42 | 3.804 | 3.815 | -0.011 | 85 | 28519 | 40.0 | 40.2 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 98 | 96262 | 20.0 | 18.7 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 97 | 100881 | 50.0 | 52.4 | |
| 54 1,1,1-Trichloroethane | 97 | 4.010 | 4.021 | -0.011 | 98 | 87530 | 20.0 | 20.1 | |
| 55 Cyclohexane | 84 | 4.067 | 4.078 | -0.011 | 93 | 78445 | 20.0 | 22.6 | |
| 57 1,1-Dichloropropene | 75 | 4.169 | 4.181 | -0.012 | 94 | 86844 | 20.0 | 21.0 | |
| 56 Carbon tetrachloride | 117 | 4.169 | 4.181 | -0.012 | 81 | 68865 | 20.0 | 21.1 | |
| 61 Isobutyl alcohol | 43 | 4.295 | 4.306 | -0.011 | 95 | 60512 | 500.0 | 572.9 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 127496 | 50.0 | 45.6 | |
| 59 Benzene | 78 | 4.375 | 4.375 | 0.000 | 97 | 252964 | 20.0 | 19.2 | |
| 60 1,2-Dichloroethane | 62 | 4.386 | 4.386 | 0.000 | 96 | 76573 | 20.0 | 17.8 | |
| 63 Isopropyl acetate | 61 | 4.466 | 4.478 | -0.012 | 98 | 21064 | 20.0 | 18.1 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 95 | 120690 | 20.0 | 21.3 | |
| 64 Tert-amyl methyl ether | 73 | 4.500 | 4.512 | -0.012 | 95 | 166341 | 20.0 | 18.4 | |
| * 65 Fluorobenzene | 96 | 4.660 | 4.672 | -0.012 | 98 | 569977 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 95 | 51668 | 20.0 | 21.3 | |
| 68 n-Butanol | 56 | 5.014 | 5.014 | 0.000 | 91 | 40420 | 500.0 | 525.8 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 99 | 62849 | 20.0 | 19.4 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 99 | 75471 | 20.0 | 18.2 | |
| 70 Methylcyclohexane | 83 | 5.277 | 5.277 | 0.000 | 96 | 70222 | 20.0 | 21.5 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 93 | 67363 | 20.0 | 19.9 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 38593 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 97 | 33751 | 20.0 | 18.5 | |
| 75 Methyl methacrylate | 100 | 5.471 | 5.471 | 0.000 | 91 | 33194 | 40.0 | 36.6 | |
| 74 1,4-Dioxane | 88 | 5.471 | 5.471 | 0.000 | 32 | 17665 | 400.0 | 407.7 | |
| 76 n-Propyl acetate | 43 | 5.551 | 5.551 | 0.000 | 100 | 92697 | 20.0 | 18.9 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 99 | 77223 | 20.0 | 19.4 | |
| 78 2-Nitropropane | 41 | 5.905 | 5.905 | 0.000 | 99 | 27313 | 40.0 | 35.6 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.019 | 6.019 | 0.000 | 96 | 34704 | 20.0 | 17.3 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 99 | 126116 | 400.0 | 367.2 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.179 | 6.179 | 0.000 | 94 | 103854 | 20.0 | 18.8 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.396 | 6.407 | -0.011 | 98 | 295568 | 100.0 | 102.5 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.521 | 6.521 | 0.000 | 99 | 478277 | 50.0 | 50.4 | |
| 84 Toluene | 91 | 6.613 | 6.612 | 0.001 | 93 | 272629 | 20.0 | 18.3 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.909 | 6.921 | -0.012 | 99 | 92841 | 20.0 | 17.0 | |

| 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 | 7.081 | 7.092 | -0.011 | 91 | 72892 | 20.0 | 16.2 | |
| 87 1,1,2-Trichloroethane | 83 | 7.149 | 7.149 | 0.000 | 95 | 46267 | 20.0 | 17.5 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 98 | 61378 | 20.0 | 22.3 | |
| 89 1,3-Dichloropropane | 76 | 7.377 | 7.377 | 0.000 | 95 | 100383 | 20.0 | 18.3 | |
| 90 2-Hexanone | 43 | 7.537 | 7.537 | 0.000 | 98 | 203716 | 100.0 | 102.9 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 98 | 55670 | 20.0 | 20.3 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 98 | 92402 | 20.0 | 17.6 | |
| 93 Ethylene Dibromide | 107 | 7.823 | 7.823 | 0.000 | 99 | 56150 | 20.0 | 19.5 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 86 | 466503 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.565 | 8.565 | 0.000 | 94 | 169838 | 20.0 | 19.7 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.702 | 8.702 | 0.000 | 94 | 54434 | 20.0 | 20.7 | |
| 97 Ethylbenzene | 106 | 8.770 | 8.770 | 0.000 | 98 | 88224 | 20.0 | 19.2 | |
| 98 m-Xylene & p-Xylene | 106 | 8.953 | 8.953 | 0.000 | 0 | 104136 | 20.0 | 19.8 | |
| 99 o-Xylene | 106 | 9.558 | 9.558 | 0.000 | 94 | 102608 | 20.0 | 19.4 | |
| 100 Styrene | 104 | 9.592 | 9.592 | 0.000 | 95 | 174061 | 20.0 | 18.5 | |
| 101 n-Butyl acrylate | 73 | 9.604 | 9.604 | 0.000 | 96 | 36566 | 20.0 | 16.8 | |
| 102 Bromoform | 173 | 9.832 | 9.821 | 0.011 | 97 | 35823 | 20.0 | 19.6 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.003 | 10.003 | 0.000 | 90 | 89701 | 20.0 | 16.2 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 95 | 244692 | 20.0 | 19.8 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.391 | 0.001 | 90 | 149750 | 50.0 | 58.6 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 97 | 74082 | 20.0 | 19.8 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 98 | 77457 | 20.0 | 17.4 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 96 | 60883 | 20.0 | 15.6 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 91 | 28457 | 20.0 | 14.3 | |
| 110 N-Propylbenzene | 91 | 10.848 | 10.848 | 0.000 | 99 | 265981 | 20.0 | 18.1 | |
| 111 2-Chlorotoluene | 91 | 10.940 | 10.940 | 0.000 | 97 | 182064 | 20.0 | 17.6 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 99 | 208499 | 20.0 | 18.2 | |
| 113 4-Chlorotoluene | 91 | 11.122 | 11.122 | 0.000 | 98 | 203012 | 20.0 | 17.5 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.156 | 11.156 | 0.000 | 92 | 164745 | 20.0 | 18.2 | |
| 115 Butyl Methacrylate | 87 | 11.362 | 11.362 | 0.000 | 94 | 48810 | 20.0 | 16.8 | |
| 116 tert-Butylbenzene | 119 | 11.567 | 11.567 | 0.000 | 95 | 146862 | 20.0 | 19.6 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.625 | 11.625 | 0.000 | 97 | 169755 | 20.0 | 17.8 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 99 | 193293 | 20.0 | 18.6 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 96 | 122942 | 20.0 | 20.0 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 96 | 246960 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.979 | 11.978 | 0.000 | 98 | 155326 | 20.0 | 18.8 | |
| 121 1,4-Dichlorobenzene | 146 | 11.979 | 11.978 | 0.000 | 97 | 125812 | 20.0 | 20.2 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 99 | 190831 | 20.0 | 18.9 | |
| 124 Benzyl chloride | 126 | 12.116 | 12.115 | 0.001 | 98 | 28691 | 20.0 | 18.1 | |
| 125 2,3-Dihydroindene | 117 | 12.207 | 12.207 | 0.000 | 95 | 210521 | 20.0 | 18.6 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 97 | 122564 | 20.0 | 20.2 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 94 | 94916 | 20.0 | 20.0 | |
| 128 n-Butylbenzene | 92 | 12.332 | 12.332 | 0.000 | 96 | 71102 | 20.0 | 18.5 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 97 | 185690 | 20.0 | 19.8 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.892 | 12.892 | 0.000 | 91 | 16388 | 20.0 | 19.7 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 97 | 70073 | 20.0 | 22.7 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 94 | 71561 | 20.0 | 23.8 | |
| 133 Hexachlorobutadiene | 225 | 13.531 | 13.531 | 0.000 | 92 | 23898 | 20.0 | 23.2 | |
| 134 Naphthalene | 128 | 13.565 | 13.565 | 0.000 | 99 | 229066 | 20.0 | 21.2 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 96 | 63914 | 20.0 | 22.3 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 38.2 | |
| S 138 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 95.8 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00180 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 20.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

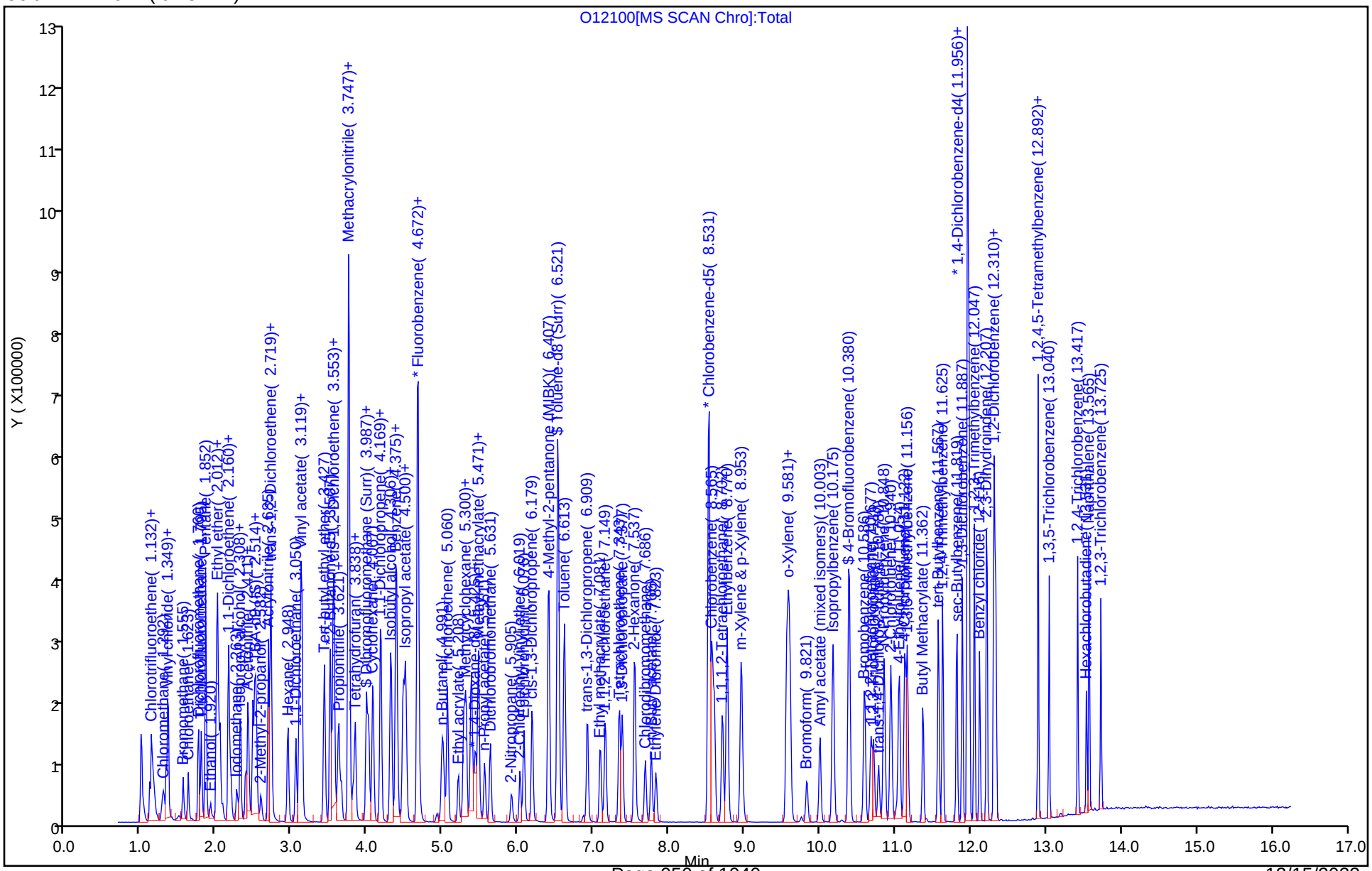
Report Date: 14-Dec-2023 13:30:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12100.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 10:45:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | LCS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12100.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Dec-2023 10:45:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0170088-003
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 13:30:54 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: RD6L Date: 13-Dec-2023 11:21:00

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 52.4 | 104.84 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 45.6 | 91.26 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 50.4 | 100.78 |
| $ 105 4-Bromofluorobenzene | 50.0 | 58.6 | 117.18 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-949836/4

Matrix: Solid | Lab File ID: B11188.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/14/2023 06:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 19.2 | | 1.0 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 22.4 | | 1.0 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 22.7 | | 1.0 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 22.0 | | 1.0 | 0.18 |
| 75-34-3 | 1,1-Dichloroethane | 22.0 | | 1.0 | 0.21 |
| 75-35-4 | 1,1-Dichloroethene | 23.2 | | 1.0 | 0.23 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 19.5 | | 1.0 | 0.18 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 18.9 | | 1.0 | 0.36 |
| 78-87-5 | 1,2-Dichloropropane | 21.8 | | 1.0 | 0.42 |
| 541-73-1 | 1,3-Dichlorobenzene | 21.0 | | 1.0 | 0.37 |
| 106-46-7 | 1,4-Dichlorobenzene | 21.2 | | 1.0 | 0.23 |
| 123-91-1 | 1,4-Dioxane | 432 | | 100 | 9.2 |
| 78-93-3 | 2-Butanone (MEK) | 90.7 | | 5.0 | 0.37 |
| 591-78-6 | 2-Hexanone | 93.8 | | 5.0 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 84.2 | | 5.0 | 1.6 |
| 67-64-1 | Acetone | 98.7 | | 6.0 | 5.7 |
| 71-43-2 | Benzene | 19.2 | | 1.0 | 0.26 |
| 75-25-2 | Bromoform | 18.8 | | 1.0 | 0.43 |
| 74-83-9 | Bromomethane | 17.6 | | 2.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 22.4 | | 1.0 | 0.27 |
| 56-23-5 | Carbon tetrachloride | 19.1 | | 1.0 | 0.39 |
| 108-90-7 | Chlorobenzene | 20.3 | | 1.0 | 0.18 |
| 74-97-5 | Chlorobromomethane | 19.3 | | 1.0 | 0.28 |
| 124-48-1 | Chlorodibromomethane | 19.7 | | 1.0 | 0.19 |
| 75-00-3 | Chloroethane | 20.1 | | 1.0 | 0.52 |
| 67-66-3 | Chloroform | 21.6 | | 1.0 | 0.97 |
| 74-87-3 | Chloromethane | 19.9 | | 1.0 | 0.44 |
| 156-59-2 | cis-1,2-Dichloroethene | 21.6 | | 1.0 | 0.36 |
| 10061-01-5 | cis-1,3-Dichloropropene | 16.7 | | 1.0 | 0.27 |
| 110-82-7 | Cyclohexane | 21.0 | | 1.0 | 0.22 |
| 75-27-4 | Dichlorobromomethane | 20.7 | | 1.0 | 0.26 |
| 75-71-8 | Dichlorodifluoromethane | 17.2 | | 1.0 | 0.34 |
| 100-41-4 | Ethylbenzene | 18.7 | | 1.0 | 0.20 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-949836/4

Matrix: Solid | Lab File ID: B11188.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/14/2023 06:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 19.7 | | 1.0 | 0.18 |
| 98-82-8 | Isopropylbenzene | 19.2 | | 1.0 | 0.29 |
| 79-20-9 | Methyl acetate | 50.2 | | 5.0 | 4.3 |
| 1634-04-4 | Methyl tert-butyl ether | 19.9 | | 1.0 | 0.51 |
| 108-87-2 | Methylcyclohexane | 20.4 | | 1.0 | 0.50 |
| 75-09-2 | Methylene Chloride | 22.3 | | 2.0 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 18.8 | | 1.0 | 0.17 |
| 95-47-6 | o-Xylene | 17.8 | | 1.0 | 0.19 |
| 100-42-5 | Styrene | 17.2 | | 1.0 | 0.28 |
| 127-18-4 | Tetrachloroethene | 19.9 | | 1.0 | 0.31 |
| 108-88-3 | Toluene | 20.2 | | 1.0 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 22.1 | | 1.0 | 0.25 |
| 10061-02-6 | trans-1,3-Dichloropropene | 18.1 | | 1.0 | 0.27 |
| 79-01-6 | Trichloroethene | 20.4 | | 1.0 | 0.32 |
| 75-69-4 | Trichlorofluoromethane | 15.1 | | 1.0 | 0.41 |
| 75-01-4 | Vinyl chloride | 18.7 | | 1.0 | 0.55 |
| 107-06-2 | 1,2-Dichloroethane | 21.4 | | 1.0 | 0.30 |
| 95-50-1 | 1,2-Dichlorobenzene | 21.2 | | 1.0 | 0.36 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 17.8 | | 1.0 | 0.46 |
| 108-21-4 | Isopropyl acetate | 20.1 | | 2.0 | 0.31 |
| 123-86-4 | n-Butyl acetate | 20.0 | | 2.0 | 0.92 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 115 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 101 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 102 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 100 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11188.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Dec-2023 06:59:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0170114-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 12:32:21 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 07:42:41

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.892 | 0.880 | 0.012 | 53 | 57205 | 20.0 | 17.2 | a |
| 4 Chlorodifluoromethane | 67 | 0.892 | 0.880 | 0.012 | 98 | 13061 | 20.0 | 22.4 | |
| 5 Chloromethane | 50 | 0.965 | 0.959 | 0.006 | 100 | 74725 | 20.0 | 19.9 | |
| 7 Vinyl chloride | 62 | 1.051 | 1.051 | 0.001 | 86 | 66127 | 20.0 | 18.7 | |
| 6 Butadiene | 54 | 1.057 | 1.051 | 0.007 | 93 | 56852 | 20.0 | 19.9 | |
| 8 Bromomethane | 94 | 1.240 | 1.239 | 0.001 | 97 | 35492 | 20.0 | 17.6 | |
| 9 Chloroethane | 64 | 1.301 | 1.300 | 0.001 | 98 | 38516 | 20.0 | 20.1 | |
| 10 Dichlorofluoromethane | 67 | 1.429 | 1.435 | -0.006 | 98 | 54769 | 20.0 | 13.8 | |
| 11 Trichlorofluoromethane | 101 | 1.453 | 1.459 | -0.006 | 95 | 43911 | 20.0 | 15.1 | |
| 12 Pentane | 43 | 1.514 | 1.508 | 0.006 | 97 | 276756 | 40.0 | 60.4 | |
| 14 Ethanol | 46 | 1.618 | 1.624 | -0.006 | 47 | 15449 | 800.0 | 871.3 | Ma |
| 13 Ethyl ether | 59 | 1.654 | 1.648 | 0.006 | 64 | 51511 | 20.0 | 22.5 | |
| 15 2-Methyl-1,3-butadiene | 53 | 1.660 | 1.660 | 0.000 | 95 | 61243 | 20.0 | 24.4 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.672 | 1.672 | 0.000 | 84 | 36209 | 20.0 | 17.8 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.721 | 1.721 | 0.000 | 91 | 69139 | 20.0 | 19.8 | a |
| 18 Acrolein | 56 | 1.733 | 1.733 | 0.000 | 97 | 135754 | 300.0 | 325.0 | |
| 19 1,1-Dichloroethene | 96 | 1.794 | 1.794 | 0.000 | 94 | 47885 | 20.0 | 23.2 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.819 | 1.813 | 0.006 | 92 | 53530 | 20.0 | 22.7 | |
| 21 Acetone | 43 | 1.849 | 1.843 | 0.006 | 86 | 98131 | 100.0 | 98.7 | |
| 22 Iodomethane | 142 | 1.898 | 1.892 | 0.006 | 99 | 75089 | 20.0 | 19.1 | |
| 23 Carbon disulfide | 76 | 1.935 | 1.928 | 0.007 | 100 | 170600 | 20.0 | 22.4 | |
| 24 Isopropyl alcohol | 45 | 1.971 | 1.971 | 0.000 | 96 | 40238 | 200.0 | 204.0 | |
| 25 3-Chloro-1-propene | 39 | 2.050 | 2.050 | 0.000 | 89 | 91373 | 20.0 | 23.6 | |
| 26 Methyl acetate | 43 | 2.075 | 2.075 | 0.000 | 99 | 88825 | 40.0 | 50.2 | |
| 27 Acetonitrile | 39 | 2.105 | 2.111 | -0.006 | 39 | 35380 | 200.0 | 205.1 | a |
| 28 Methylene Chloride | 84 | 2.142 | 2.136 | 0.006 | 98 | 59798 | 20.0 | 22.3 | |
| * 29 TBA-d9 (IS) | 65 | 2.215 | 2.215 | 0.000 | 0 | 307564 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.264 | 2.270 | -0.006 | 96 | 64205 | 200.0 | 184.5 | a |
| 31 Acrylonitrile | 53 | 2.325 | 2.325 | 0.000 | 94 | 190861 | 200.0 | 218.6 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.337 | 2.343 | -0.006 | 99 | 54624 | 20.0 | 22.1 | |
| 33 Methyl tert-butyl ether | 73 | 2.361 | 2.361 | 0.000 | 97 | 135824 | 20.0 | 19.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Hexane | 57 | 2.562 | 2.569 | -0.006 | 93 | 92169 | 20.0 | 22.4 | |
| 35 1,1-Dichloroethane | 63 | 2.666 | 2.666 | 0.000 | 100 | 114514 | 20.0 | 22.0 | |
| 36 Vinyl acetate | 86 | 2.727 | 2.727 | 0.000 | 100 | 15047 | 40.0 | 29.0 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.739 | 2.739 | 0.000 | 95 | 42824 | 20.0 | 18.2 | |
| 38 Isopropyl ether | 45 | 2.758 | 2.757 | 0.001 | 87 | 205310 | 20.0 | 22.0 | |
| 39 Tert-butyl ethyl ether | 87 | 3.062 | 3.062 | 0.000 | 87 | 53146 | 20.0 | 18.1 | |
| * 40 2-Butanone-d5 | 46 | 3.136 | 3.142 | -0.006 | 0 | 328994 | 250.0 | 250.0 | a |
| 42 2,2-Dichloropropane | 79 | 3.160 | 3.160 | 0.000 | 67 | 25546 | 20.0 | 19.5 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.160 | 3.160 | 0.000 | 89 | 59381 | 20.0 | 21.6 | |
| 43 2-Butanone (MEK) | 72 | 3.190 | 3.196 | -0.006 | 99 | 31891 | 100.0 | 90.7 | |
| 44 Propionitrile | 54 | 3.239 | 3.239 | 0.000 | 98 | 75396 | 200.0 | 200.0 | |
| 45 Ethyl acetate | 43 | 3.264 | 3.263 | 0.001 | 99 | 120161 | 40.0 | 38.9 | |
| 62 Methyl acrylate | 55 | 3.276 | 3.282 | -0.006 | 99 | 59959 | 20.0 | 23.4 | |
| 46 Chlorobromomethane | 128 | 3.367 | 3.367 | 0.000 | 85 | 23742 | 20.0 | 19.3 | |
| 47 Methacrylonitrile | 67 | 3.373 | 3.373 | 0.000 | 94 | 205356 | 200.0 | 223.0 | |
| 48 Tetrahydrofuran | 42 | 3.434 | 3.434 | 0.000 | 83 | 34947 | 40.0 | 36.5 | |
| 49 Chloroform | 83 | 3.459 | 3.459 | 0.000 | 97 | 100086 | 20.0 | 21.6 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.605 | 3.605 | 0.000 | 95 | 156182 | 50.0 | 51.1 | |
| 51 1,1,1-Trichloroethane | 97 | 3.617 | 3.611 | 0.006 | 94 | 78957 | 20.0 | 19.2 | |
| 52 Cyclohexane | 84 | 3.660 | 3.666 | -0.006 | 96 | 80280 | 20.0 | 21.0 | |
| 54 1,1-Dichloropropene | 75 | 3.770 | 3.769 | 0.001 | 90 | 76897 | 20.0 | 20.8 | |
| 53 Carbon tetrachloride | 117 | 3.770 | 3.776 | -0.006 | 73 | 65847 | 20.0 | 19.1 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.916 | 3.916 | 0.000 | 0 | 207233 | 50.0 | 57.5 | |
| 56 Benzene | 78 | 3.971 | 3.971 | 0.000 | 97 | 231641 | 20.0 | 19.2 | |
| 58 Isobutyl alcohol | 42 | 3.983 | 3.983 | 0.000 | 53 | 45883 | 500.0 | 516.2 | |
| 57 1,2-Dichloroethane | 62 | 3.995 | 3.989 | 0.006 | 97 | 77613 | 20.0 | 21.4 | |
| 73 Isopropyl acetate | 61 | 4.117 | 4.123 | -0.006 | 92 | 18675 | 20.0 | 20.1 | |
| 59 Tert-amyl methyl ether | 73 | 4.123 | 4.129 | -0.006 | 72 | 143004 | 20.0 | 20.0 | |
| * 60 Fluorobenzene | 96 | 4.269 | 4.263 | 0.006 | 98 | 529203 | 50.0 | 50.0 | |
| 61 n-Heptane | 43 | 4.300 | 4.300 | 0.000 | 94 | 101873 | 20.0 | 22.1 | |
| 63 Trichloroethene | 95 | 4.660 | 4.660 | 0.000 | 97 | 53973 | 20.0 | 20.4 | |
| 64 n-Butanol | 43 | 4.690 | 4.702 | -0.012 | 96 | 20227 | 500.0 | 440.7 | |
| 66 Ethyl acrylate | 55 | 4.861 | 4.861 | 0.000 | 97 | 139768 | 20.0 | 20.6 | |
| 65 Methylcyclohexane | 83 | 4.873 | 4.867 | 0.006 | 92 | 93805 | 20.0 | 20.4 | |
| 67 1,2-Dichloropropane | 63 | 4.897 | 4.897 | 0.000 | 94 | 62913 | 20.0 | 21.8 | |
| 68 Dibromomethane | 93 | 5.025 | 5.025 | 0.000 | 94 | 30680 | 20.0 | 19.9 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.038 | 5.056 | -0.018 | 0 | 26123 | 1000.0 | 1000.0 | M |
| 70 1,4-Dioxane | 88 | 5.111 | 5.111 | 0.000 | 30 | 11668 | 400.0 | 432.0 | |
| 71 Methyl methacrylate | 100 | 5.105 | 5.111 | -0.006 | 92 | 20424 | 40.0 | 33.1 | |
| 81 n-Propyl acetate | 43 | 5.208 | 5.208 | 0.000 | 98 | 77370 | 20.0 | 21.3 | |
| 72 Dichlorobromomethane | 83 | 5.239 | 5.239 | 0.000 | 98 | 70635 | 20.0 | 20.7 | |
| 74 2-Nitropropane | 41 | 5.531 | 5.531 | 0.000 | 95 | 22419 | 40.0 | 33.2 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.653 | 5.659 | -0.006 | 94 | 14411 | 20.0 | 18.8 | |
| 76 Epichlorohydrin | 57 | 5.696 | 5.702 | -0.006 | 99 | 89722 | 400.0 | 331.1 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.794 | 5.793 | 0.001 | 97 | 83986 | 20.0 | 16.7 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.037 | 6.037 | 0.000 | 99 | 249513 | 100.0 | 84.2 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.123 | 6.123 | 0.000 | 98 | 759605 | 50.0 | 49.8 | |
| 80 Toluene | 91 | 6.208 | 6.202 | 0.006 | 93 | 263068 | 20.0 | 20.2 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.537 | 6.537 | 0.000 | 97 | 80090 | 20.0 | 18.1 | |
| 84 Ethyl methacrylate | 69 | 6.738 | 6.738 | 0.000 | 91 | 59825 | 20.0 | 18.3 | a |
| 83 1,1,2-Trichloroethane | 83 | 6.763 | 6.763 | 0.000 | 93 | 44667 | 20.0 | 22.0 | |
| 85 Tetrachloroethene | 166 | 6.909 | 6.909 | 0.000 | 95 | 57268 | 20.0 | 19.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 86 1,3-Dichloropropane | 76 | 6.964 | 6.964 | 0.000 | 96 | 93242 | 20.0 | 22.0 | |
| 87 2-Hexanone | 43 | 7.129 | 7.129 | 0.000 | 99 | 202523 | 100.0 | 93.8 | |
| 88 Chlorodibromomethane | 129 | 7.208 | 7.214 | -0.006 | 98 | 51346 | 20.0 | 19.7 | |
| 89 Ethylene Dibromide | 107 | 7.305 | 7.305 | 0.000 | 95 | 47396 | 20.0 | 19.7 | |
| 90 n-Butyl acetate | 43 | 7.318 | 7.318 | 0.000 | 98 | 94493 | 20.0 | 20.0 | |
| * 91 Chlorobenzene-d5 | 117 | 7.811 | 7.811 | 0.000 | 91 | 481718 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.842 | 7.842 | 0.000 | 89 | 157668 | 20.0 | 20.3 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.939 | 7.939 | 0.000 | 93 | 51859 | 20.0 | 18.7 | |
| 94 Ethylbenzene | 106 | 7.976 | 7.976 | 0.000 | 100 | 82315 | 20.0 | 18.7 | |
| 95 m-Xylene & p-Xylene | 106 | 8.092 | 8.092 | 0.000 | 0 | 101898 | 20.0 | 18.8 | |
| 96 o-Xylene | 106 | 8.445 | 8.445 | 0.000 | 93 | 94200 | 20.0 | 17.8 | |
| 97 Styrene | 104 | 8.458 | 8.458 | 0.000 | 91 | 153122 | 20.0 | 17.2 | |
| 98 n-Butyl acrylate | 73 | 8.476 | 8.482 | -0.006 | 96 | 35945 | 20.0 | 16.1 | |
| 99 Bromoform | 173 | 8.592 | 8.592 | 0.000 | 96 | 32013 | 20.0 | 18.8 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.683 | 8.683 | 0.000 | 90 | 95444 | 20.0 | 16.5 | |
| 102 Isopropylbenzene | 105 | 8.775 | 8.775 | 0.000 | 97 | 260953 | 20.0 | 19.2 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.884 | 8.884 | 0.000 | 88 | 214345 | 50.0 | 50.4 | |
| 104 Bromobenzene | 156 | 8.988 | 8.988 | 0.000 | 96 | 68575 | 20.0 | 21.3 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.031 | 9.031 | 0.000 | 98 | 71971 | 20.0 | 22.4 | |
| 105 1,2,3-Trichloropropane | 110 | 9.043 | 9.043 | 0.000 | 98 | 17723 | 20.0 | 20.3 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.073 | 9.073 | 0.000 | 83 | 21371 | 20.0 | 20.6 | |
| 108 N-Propylbenzene | 120 | 9.110 | 9.110 | 0.000 | 98 | 71234 | 20.0 | 18.6 | |
| 109 2-Chlorotoluene | 126 | 9.159 | 9.159 | 0.000 | 96 | 65371 | 20.0 | 19.8 | |
| 110 4-Ethyltoluene | 105 | 9.201 | 9.201 | 0.000 | 99 | 272412 | 20.0 | 19.5 | |
| 111 4-Chlorotoluene | 91 | 9.244 | 9.244 | 0.000 | 99 | 245214 | 20.0 | 20.4 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.256 | 9.256 | 0.000 | 91 | 234738 | 20.0 | 19.6 | |
| 100 Butyl Methacrylate | 87 | 9.366 | 9.366 | 0.000 | 96 | 55512 | 20.0 | 14.0 | |
| 113 tert-Butylbenzene | 119 | 9.500 | 9.500 | 0.000 | 91 | 181829 | 20.0 | 18.5 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.537 | 9.537 | 0.000 | 98 | 236936 | 20.0 | 19.1 | |
| 115 sec-Butylbenzene | 105 | 9.665 | 9.665 | 0.000 | 98 | 295190 | 20.0 | 19.4 | |
| 116 1,3-Dichlorobenzene | 146 | 9.726 | 9.726 | 0.000 | 94 | 132609 | 20.0 | 21.0 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.781 | 9.781 | 0.001 | 98 | 263746 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.781 | 9.781 | 0.001 | 97 | 245777 | 20.0 | 18.8 | |
| 118 1,4-Dichlorobenzene | 146 | 9.793 | 9.793 | 0.000 | 94 | 136819 | 20.0 | 21.2 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.848 | 9.848 | 0.000 | 100 | 245322 | 20.0 | 19.5 | |
| 121 Benzyl chloride | 126 | 9.903 | 9.902 | 0.000 | 97 | 19078 | 20.0 | 14.8 | |
| 122 2,3-Dihydroindene | 117 | 9.982 | 9.982 | 0.000 | 93 | 212125 | 20.0 | 21.7 | |
| 124 p-Diethylbenzene | 119 | 10.061 | 10.061 | 0.000 | 89 | 152049 | 20.0 | 19.1 | |
| 123 1,2-Dichlorobenzene | 146 | 10.061 | 10.061 | 0.000 | 88 | 126317 | 20.0 | 21.2 | |
| 125 n-Butylbenzene | 92 | 10.079 | 10.079 | 0.000 | 97 | 155479 | 20.0 | 21.1 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.604 | 10.604 | 0.000 | 97 | 192290 | 20.0 | 15.7 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.616 | 10.616 | 0.000 | 92 | 11773 | 20.0 | 17.8 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.762 | 10.762 | 0.000 | 96 | 108287 | 20.0 | 21.1 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.177 | 11.177 | 0.000 | 94 | 91135 | 20.0 | 18.9 | |
| 130 Hexachlorobutadiene | 225 | 11.305 | 11.305 | 0.000 | 94 | 54261 | 20.0 | 22.2 | |
| 131 Naphthalene | 128 | 11.341 | 11.341 | 0.000 | 99 | 159328 | 20.0 | 15.7 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.518 | 11.518 | 0.000 | 96 | 83742 | 20.0 | 19.5 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 43.7 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 34.8 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 36.7 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 94.8 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

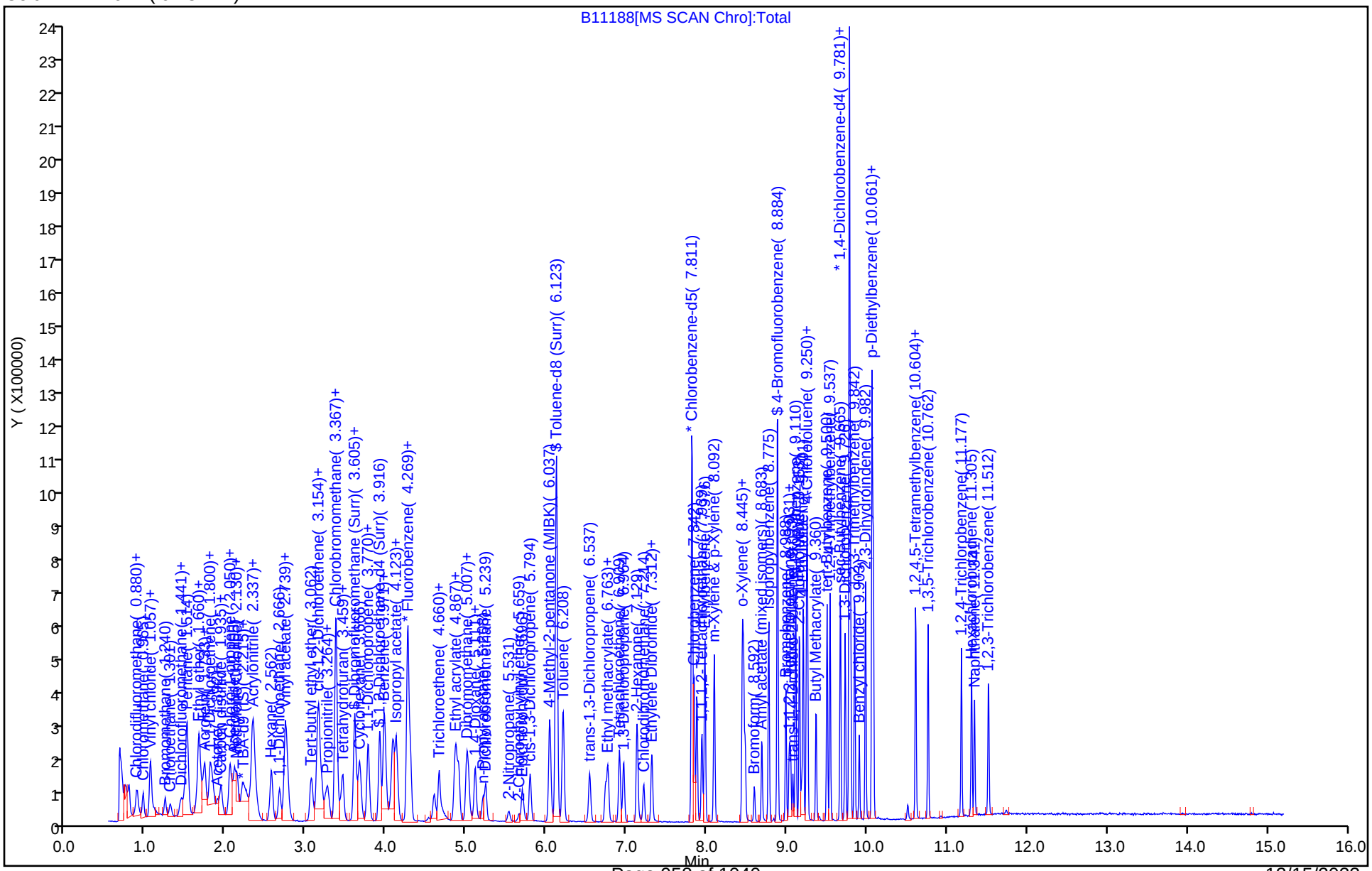
Report Date: 14-Dec-2023 12:51:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11188.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Dec-2023 06:59:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | LCS | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11188.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Dec-2023 06:59:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0170114-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 12:32:21 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 07:42:41

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 51.1 | 102.18 |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 50.0 | 57.5 | 115.01 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 49.8 | 99.67 |
| $ 103 4-Bromofluorobenzene | 50.0 | 50.4 | 100.81 |

Eurofins Edison

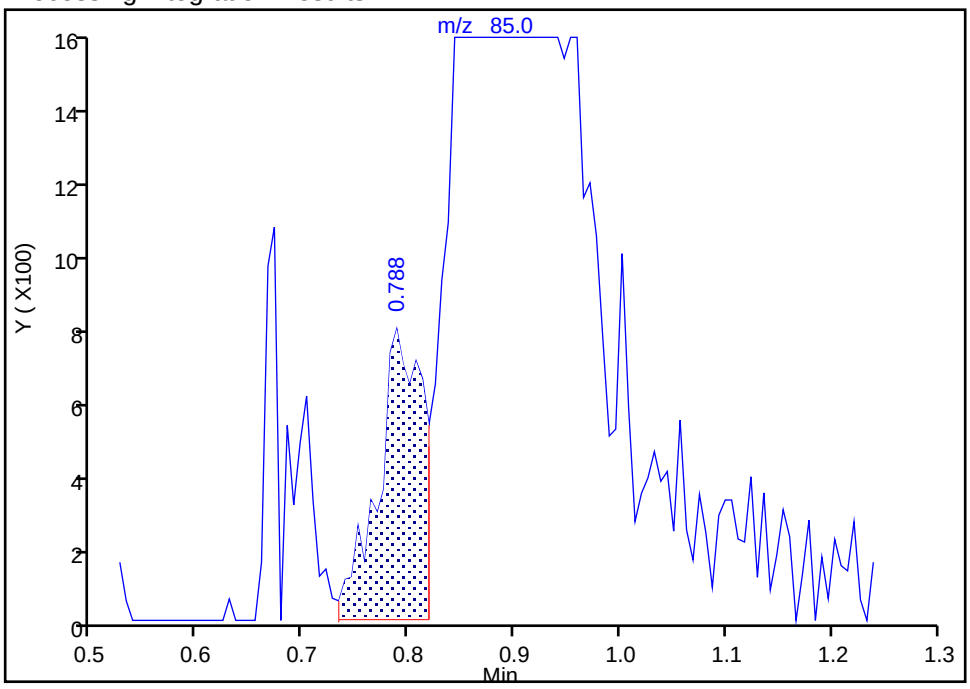
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11188.D
Injection Date: 14-Dec-2023 06:59:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

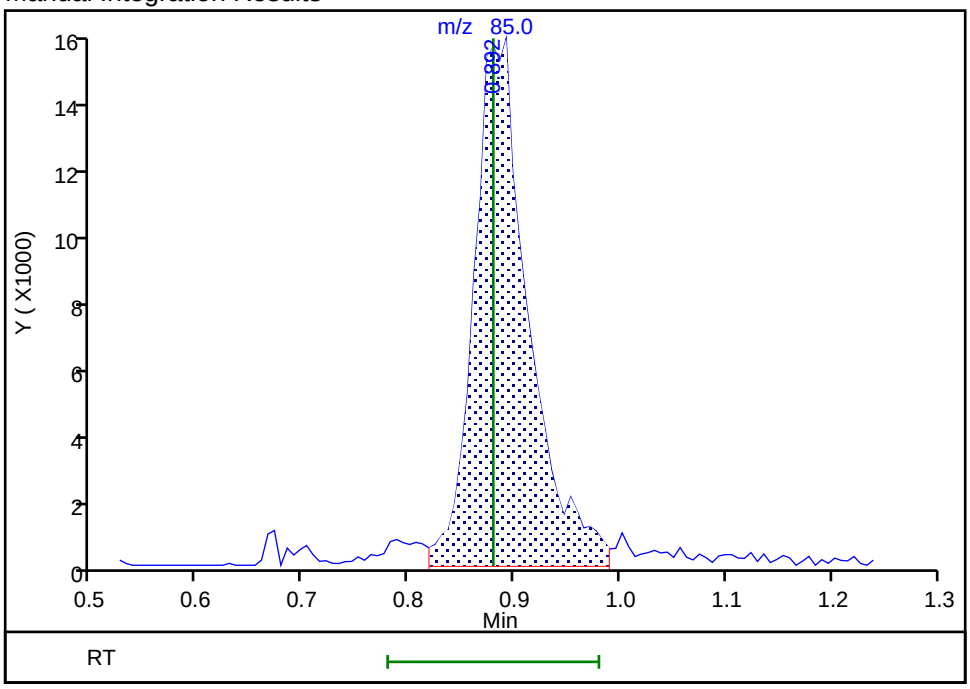
Processing Integration Results

RT: 0.79
Area: 2304
Amount: 0.696156
Amount Units: ug/l




Manual Integration Results

RT: 0.89
Area: 57205
Amount: 17.186455
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 07:41:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

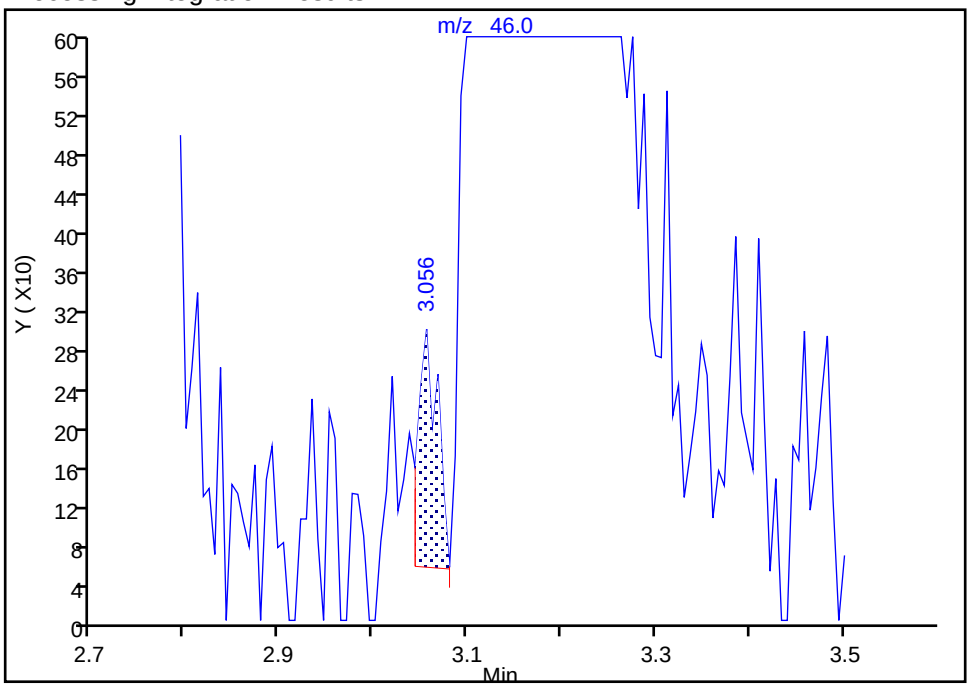
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11188.D
Injection Date: 14-Dec-2023 06:59:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

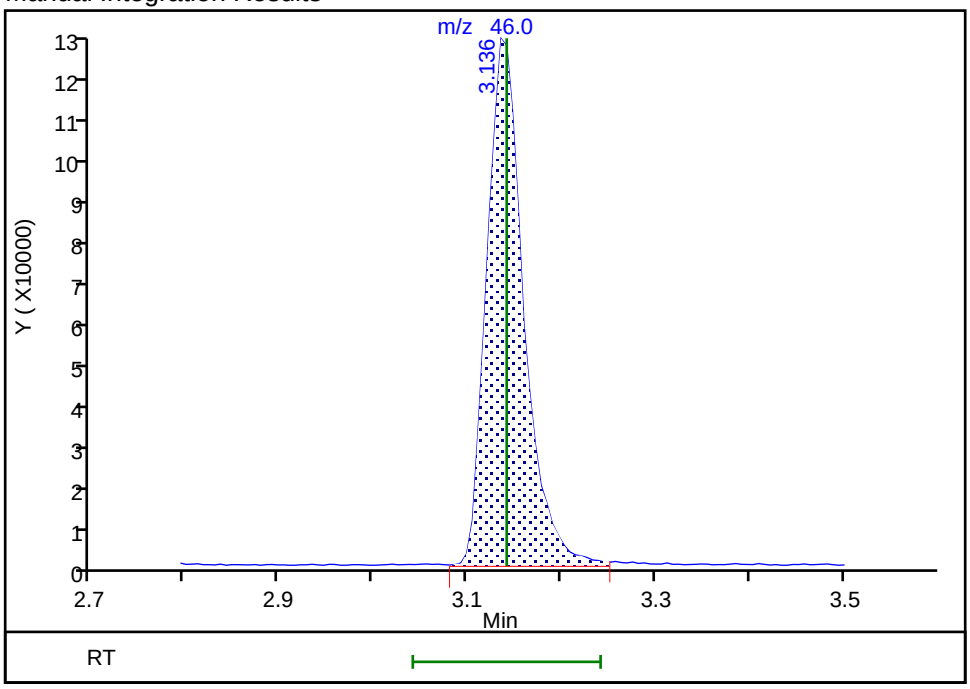
Processing Integration Results

RT: 3.06
Area: 343
Amount: 250.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.14
Area: 328994
Amount: 250.0000
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 07:40:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

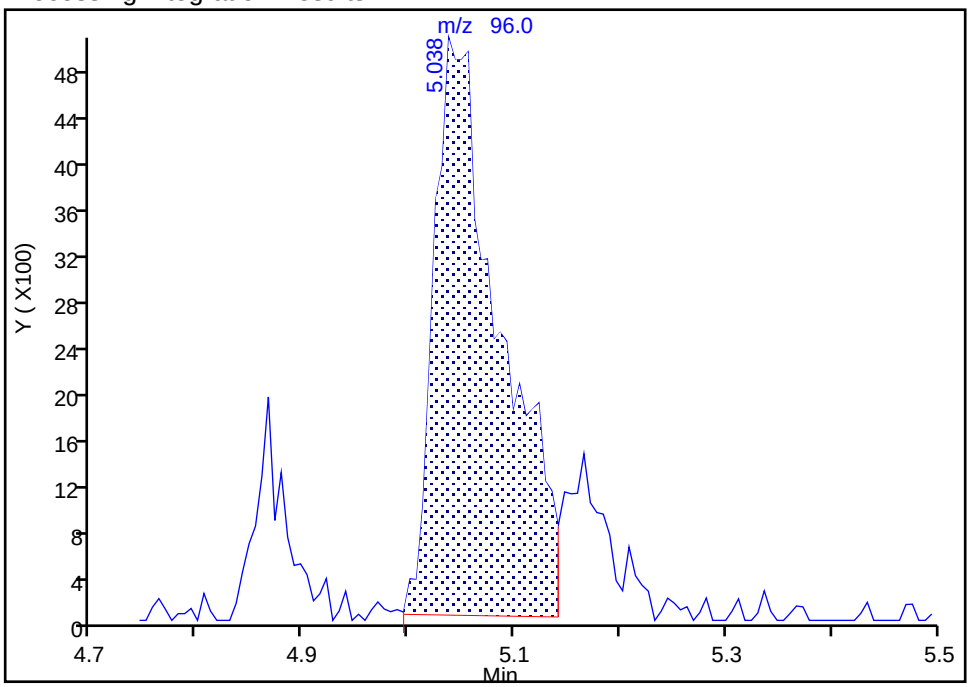
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11188.D
Injection Date: 14-Dec-2023 06:59:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 69 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

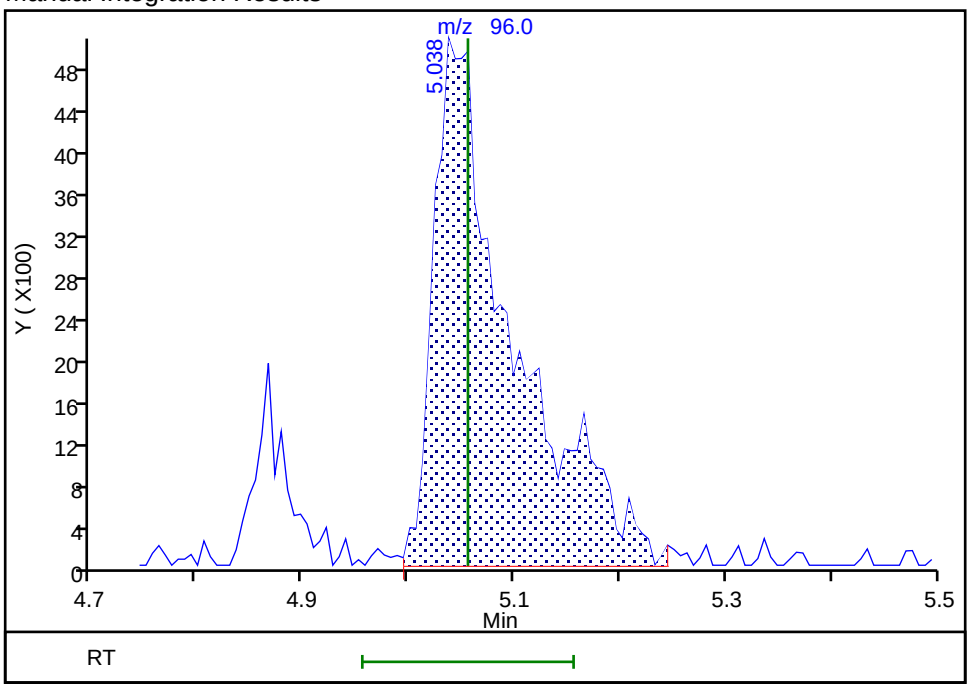
Processing Integration Results

RT: 5.04
Area: 21863
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.04
Area: 26123
Amount: 1000.0000
Amount Units: ug/l




Reviewer: N1JZ, 14-Dec-2023 07:40:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-949644/4

Matrix: Solid | Lab File ID: D10431.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 09:01

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) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 20.5 | | 1.0 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.9 | | 1.0 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 21.1 | | 1.0 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 20.8 | | 1.0 | 0.18 |
| 75-34-3 | 1,1-Dichloroethane | 21.6 | | 1.0 | 0.21 |
| 75-35-4 | 1,1-Dichloroethene | 20.1 | | 1.0 | 0.23 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 20.8 | | 1.0 | 0.18 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 20.9 | | 1.0 | 0.36 |
| 78-87-5 | 1,2-Dichloropropane | 21.1 | | 1.0 | 0.42 |
| 541-73-1 | 1,3-Dichlorobenzene | 21.3 | | 1.0 | 0.37 |
| 106-46-7 | 1,4-Dichlorobenzene | 21.1 | | 1.0 | 0.23 |
| 123-91-1 | 1,4-Dioxane | 458 | | 100 | 9.2 |
| 78-93-3 | 2-Butanone (MEK) | 89.7 | | 5.0 | 0.37 |
| 591-78-6 | 2-Hexanone | 97.7 | | 5.0 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 102 | | 5.0 | 1.6 |
| 67-64-1 | Acetone | 86.4 | | 6.0 | 5.7 |
| 71-43-2 | Benzene | 20.8 | | 1.0 | 0.26 |
| 75-25-2 | Bromoform | 19.4 | | 1.0 | 0.43 |
| 74-83-9 | Bromomethane | 20.3 | | 2.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 19.5 | | 1.0 | 0.27 |
| 56-23-5 | Carbon tetrachloride | 21.2 | | 1.0 | 0.39 |
| 108-90-7 | Chlorobenzene | 20.5 | | 1.0 | 0.18 |
| 74-97-5 | Chlorobromomethane | 21.5 | | 1.0 | 0.28 |
| 124-48-1 | Chlorodibromomethane | 21.0 | | 1.0 | 0.19 |
| 75-00-3 | Chloroethane | 22.4 | | 1.0 | 0.52 |
| 67-66-3 | Chloroform | 20.8 | | 1.0 | 0.97 |
| 74-87-3 | Chloromethane | 20.0 | | 1.0 | 0.44 |
| 156-59-2 | cis-1,2-Dichloroethene | 20.8 | | 1.0 | 0.36 |
| 10061-01-5 | cis-1,3-Dichloropropene | 21.6 | | 1.0 | 0.27 |
| 110-82-7 | Cyclohexane | 20.0 | | 1.0 | 0.22 |
| 75-27-4 | Dichlorobromomethane | 20.9 | | 1.0 | 0.26 |
| 75-71-8 | Dichlorodifluoromethane | 19.4 | | 1.0 | 0.34 |
| 100-41-4 | Ethylbenzene | 20.6 | | 1.0 | 0.20 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-949644/4

Matrix: Solid | Lab File ID: D10431.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 09:01

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) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 20.2 | | 1.0 | 0.18 |
| 98-82-8 | Isopropylbenzene | 20.9 | | 1.0 | 0.29 |
| 79-20-9 | Methyl acetate | 38.2 | | 5.0 | 4.3 |
| 1634-04-4 | Methyl tert-butyl ether | 21.4 | | 1.0 | 0.51 |
| 108-87-2 | Methylcyclohexane | 20.3 | | 1.0 | 0.50 |
| 75-09-2 | Methylene Chloride | 20.0 | | 2.0 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 20.7 | | 1.0 | 0.17 |
| 95-47-6 | o-Xylene | 20.7 | | 1.0 | 0.19 |
| 100-42-5 | Styrene | 20.9 | | 1.0 | 0.28 |
| 127-18-4 | Tetrachloroethene | 20.0 | | 1.0 | 0.31 |
| 108-88-3 | Toluene | 20.4 | | 1.0 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 20.5 | | 1.0 | 0.25 |
| 10061-02-6 | trans-1,3-Dichloropropene | 21.0 | | 1.0 | 0.27 |
| 79-01-6 | Trichloroethene | 20.4 | | 1.0 | 0.32 |
| 75-69-4 | Trichlorofluoromethane | 21.6 | | 1.0 | 0.41 |
| 75-01-4 | Vinyl chloride | 22.0 | | 1.0 | 0.55 |
| 107-06-2 | 1,2-Dichloroethane | 20.5 | | 1.0 | 0.30 |
| 95-50-1 | 1,2-Dichlorobenzene | 21.0 | | 1.0 | 0.36 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 19.5 | | 1.0 | 0.46 |
| 108-21-4 | Isopropyl acetate | 20.0 | | 2.0 | 0.31 |
| 123-86-4 | n-Butyl acetate | 19.7 | | 2.0 | 0.92 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 93 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 104 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 98 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10431.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 13-Dec-2023 09:01:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0170079-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Dec-2023 14:12:44 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: NN6A Date: 13-Dec-2023 14:12:44

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.363 | 1.363 | 0.000 | 88 | 31467 | 20.0 | 11.2 | |
| 2 Dichlorodifluoromethane | 85 | 1.399 | 1.399 | 0.000 | 99 | 164464 | 20.0 | 19.4 | |
| 3 Chlorodifluoromethane | 51 | 1.435 | 1.428 | 0.007 | 97 | 230403 | 20.0 | 19.0 | |
| 4 Chloromethane | 50 | 1.600 | 1.593 | 0.007 | 99 | 168546 | 20.0 | 20.0 | |
| 5 Vinyl chloride | 62 | 1.693 | 1.693 | 0.000 | 100 | 169648 | 20.0 | 22.0 | |
| 6 Butadiene | 54 | 1.721 | 1.721 | 0.000 | 98 | 163690 | 20.0 | 22.4 | |
| 7 Bromomethane | 94 | 2.015 | 2.015 | 0.000 | 99 | 82246 | 20.0 | 20.3 | |
| 8 Chloroethane | 64 | 2.122 | 2.123 | -0.001 | 100 | 93245 | 20.0 | 22.4 | |
| 10 Dichlorofluoromethane | 67 | 2.337 | 2.338 | -0.001 | 98 | 261990 | 20.0 | 21.8 | |
| 9 Trichlorofluoromethane | 101 | 2.337 | 2.338 | -0.001 | 98 | 194777 | 20.0 | 21.6 | |
| 11 Pentane | 72 | 2.387 | 2.388 | -0.001 | 95 | 47622 | 40.0 | 39.6 | |
| 12 Ethanol | 46 | 2.588 | 2.595 | -0.007 | 97 | 18785 | 800.0 | 867.9 | a |
| 13 Ethyl ether | 59 | 2.624 | 2.624 | 0.000 | 96 | 85288 | 20.0 | 20.3 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.638 | 2.638 | 0.000 | 98 | 122804 | 20.0 | 20.6 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.695 | 2.696 | -0.001 | 92 | 100336 | 20.0 | 21.1 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.760 | 2.760 | 0.000 | 97 | 184434 | 20.0 | 21.2 | |
| 18 Acrolein | 56 | 2.824 | 2.825 | -0.001 | 96 | 201041 | 300.0 | 240.1 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.824 | 2.825 | -0.001 | 92 | 125208 | 20.0 | 21.1 | |
| 19 1,1-Dichloroethene | 96 | 2.853 | 2.853 | 0.000 | 96 | 108670 | 20.0 | 20.1 | |
| 20 Acetone | 43 | 2.975 | 2.975 | 0.000 | 86 | 130921 | 100.0 | 86.4 | |
| 21 Iodomethane | 142 | 3.032 | 3.025 | 0.007 | 99 | 122330 | 20.0 | 17.6 | |
| 22 Carbon disulfide | 76 | 3.061 | 3.054 | 0.007 | 99 | 394177 | 20.0 | 19.5 | |
| 23 Isopropyl alcohol | 45 | 3.097 | 3.097 | 0.000 | 98 | 54998 | 200.0 | 214.4 | |
| 24 3-Chloro-1-propene | 76 | 3.240 | 3.240 | 0.000 | 92 | 36469 | 20.0 | 16.7 | |
| 25 Cyclopentene | 67 | 3.254 | 3.254 | 0.000 | 94 | 264442 | 20.0 | 20.0 | |
| 26 Methyl acetate | 43 | 3.269 | 3.269 | 0.000 | 100 | 95360 | 40.0 | 38.2 | |
| 27 Acetonitrile | 40 | 3.326 | 3.326 | 0.000 | 99 | 52702 | 200.0 | 190.7 | |
| 28 Methylene Chloride | 84 | 3.397 | 3.398 | -0.001 | 96 | 116422 | 20.0 | 20.0 | |
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 178095 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.491 | 3.491 | 0.000 | 98 | 71959 | 200.0 | 212.0 | |
| 31 Methyl tert-butyl ether | 73 | 3.591 | 3.591 | 0.000 | 97 | 267688 | 20.0 | 21.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 trans-1,2-Dichloroethene | 96 | 3.620 | 3.620 | 0.000 | 97 | 120819 | 20.0 | 20.5 | |
| 33 Acrylonitrile | 53 | 3.720 | 3.720 | 0.000 | 94 | 273660 | 200.0 | 219.9 | |
| 34 Hexane | 57 | 3.820 | 3.820 | 0.000 | 94 | 202338 | 20.0 | 20.0 | |
| 35 Isopropyl ether | 45 | 4.085 | 4.085 | 0.000 | 98 | 378786 | 20.0 | 21.6 | |
| 36 1,1-Dichloroethane | 63 | 4.107 | 4.107 | 0.000 | 99 | 219285 | 20.0 | 21.6 | |
| 37 Vinyl acetate | 86 | 4.142 | 4.143 | -0.001 | 100 | 30918 | 40.0 | 46.6 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.157 | 4.157 | 0.000 | 92 | 106173 | 20.0 | 20.4 | |
| 39 Tert-butyl ethyl ether | 59 | 4.472 | 4.472 | 0.000 | 88 | 312073 | 20.0 | 20.9 | |
| 40 2,2-Dichloropropane | 79 | 4.701 | 4.701 | 0.000 | 93 | 49120 | 20.0 | 23.3 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 95 | 161207 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.744 | 4.737 | 0.007 | 97 | 123509 | 20.0 | 20.8 | |
| 43 2-Butanone (MEK) | 72 | 4.773 | 4.773 | 0.000 | 100 | 44044 | 100.0 | 89.7 | |
| 44 Ethyl acetate | 70 | 4.794 | 4.794 | 0.000 | 99 | 16907 | 40.0 | 40.5 | |
| 45 Methyl acrylate | 55 | 4.852 | 4.852 | 0.000 | 99 | 70225 | 20.0 | 18.8 | |
| 46 Propionitrile | 54 | 4.938 | 4.938 | 0.000 | 98 | 103529 | 200.0 | 195.9 | |
| 47 Tetrahydrofuran | 72 | 5.009 | 5.009 | 0.000 | 95 | 17526 | 40.0 | 36.6 | |
| 48 Chlorobromomethane | 128 | 5.016 | 5.016 | 0.000 | 93 | 43481 | 20.0 | 21.5 | |
| 49 Methacrylonitrile | 67 | 5.059 | 5.059 | 0.000 | 93 | 321407 | 200.0 | 197.7 | |
| 50 Chloroform | 83 | 5.095 | 5.095 | 0.000 | 98 | 198291 | 20.0 | 20.8 | |
| 51 Cyclohexane | 84 | 5.224 | 5.224 | 0.000 | 93 | 176654 | 20.0 | 20.0 | |
| 52 1,1,1-Trichloroethane | 97 | 5.253 | 5.253 | 0.000 | 99 | 170045 | 20.0 | 20.5 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.281 | 5.282 | -0.001 | 96 | 219693 | 50.0 | 49.2 | |
| 54 Carbon tetrachloride | 117 | 5.396 | 5.396 | 0.000 | 98 | 136053 | 20.0 | 21.2 | |
| 55 1,1-Dichloropropene | 75 | 5.439 | 5.439 | 0.000 | 96 | 171944 | 20.0 | 20.4 | |
| 56 Isobutyl alcohol | 43 | 5.647 | 5.647 | 0.000 | 92 | 171483 | 500.0 | 557.3 | |
| 57 Benzene | 78 | 5.682 | 5.683 | -0.001 | 98 | 460396 | 20.0 | 20.8 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 99 | 220819 | 50.0 | 46.6 | |
| 59 Tert-amyl methyl ether | 87 | 5.790 | 5.783 | 0.007 | 92 | 75771 | 20.0 | 19.8 | |
| 60 Isopropyl acetate | 61 | 5.797 | 5.797 | 0.000 | 99 | 44826 | 20.0 | 20.0 | |
| 61 1,2-Dichloroethane | 62 | 5.804 | 5.804 | 0.000 | 98 | 126045 | 20.0 | 20.5 | |
| 62 n-Heptane | 43 | 5.905 | 5.905 | 0.000 | 93 | 200912 | 20.0 | 19.8 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 576661 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.470 | 6.471 | -0.001 | 90 | 49698 | 500.0 | 514.7 | |
| 65 Trichloroethene | 95 | 6.485 | 6.485 | 0.000 | 98 | 119803 | 20.0 | 20.4 | |
| 66 Methylcyclohexane | 83 | 6.628 | 6.628 | 0.000 | 97 | 211849 | 20.0 | 20.3 | |
| 67 Ethyl acrylate | 55 | 6.671 | 6.671 | 0.000 | 98 | 98676 | 20.0 | 19.5 | |
| 68 1,2-Dichloropropane | 63 | 6.836 | 6.836 | 0.000 | 92 | 117128 | 20.0 | 21.1 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.907 | 6.908 | -0.001 | 0 | 16775 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.958 | 6.958 | 0.000 | 92 | 38368 | 40.0 | 38.5 | |
| 71 1,4-Dioxane | 88 | 6.965 | 6.965 | 0.000 | 93 | 17528 | 400.0 | 458.4 | |
| 72 Dibromomethane | 93 | 6.979 | 6.979 | 0.000 | 96 | 54808 | 20.0 | 21.6 | |
| 73 n-Propyl acetate | 43 | 7.029 | 7.022 | 0.007 | 99 | 106761 | 20.0 | 19.5 | |
| 74 Dichlorobromomethane | 83 | 7.151 | 7.151 | 0.000 | 99 | 133011 | 20.0 | 20.9 | |
| 75 2-Nitropropane | 41 | 7.502 | 7.502 | 0.000 | 99 | 31577 | 40.0 | 37.4 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.516 | 7.516 | 0.000 | 96 | 48521 | 20.0 | 21.6 | |
| 77 Epichlorohydrin | 57 | 7.609 | 7.602 | 0.007 | 100 | 47901 | 400.0 | 482.3 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.652 | 7.652 | 0.000 | 93 | 170136 | 20.0 | 21.6 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.817 | 7.817 | 0.000 | 98 | 344748 | 100.0 | 102.3 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.874 | 7.875 | -0.001 | 99 | 850035 | 50.0 | 50.4 | |
| 81 Toluene | 91 | 7.939 | 7.939 | 0.000 | 93 | 455264 | 20.0 | 20.4 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.240 | 8.240 | 0.000 | 96 | 138050 | 20.0 | 21.0 | |
| 83 Ethyl methacrylate | 69 | 8.276 | 8.276 | 0.000 | 91 | 95329 | 20.0 | 19.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 1,1,2-Trichloroethane | 83 | 8.412 | 8.412 | 0.000 | 95 | 67382 | 20.0 | 20.8 | |
| 85 Tetrachloroethene | 166 | 8.440 | 8.440 | 0.000 | 97 | 108704 | 20.0 | 20.0 | |
| 86 1,3-Dichloropropane | 76 | 8.569 | 8.569 | 0.000 | 94 | 135503 | 20.0 | 20.7 | |
| 87 2-Hexanone | 43 | 8.619 | 8.619 | 0.000 | 97 | 236239 | 100.0 | 97.7 | |
| 88 n-Butyl acetate | 73 | 8.705 | 8.713 | -0.008 | 98 | 18799 | 20.0 | 19.7 | |
| 89 Chlorodibromomethane | 129 | 8.741 | 8.741 | 0.000 | 98 | 87580 | 20.0 | 21.0 | |
| 90 Ethylene Dibromide | 107 | 8.849 | 8.849 | 0.000 | 99 | 71456 | 20.0 | 20.2 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 370203 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.257 | 9.257 | 0.000 | 97 | 269575 | 20.0 | 20.5 | |
| 93 Ethylbenzene | 106 | 9.321 | 9.321 | 0.000 | 99 | 152203 | 20.0 | 20.6 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.336 | 9.336 | 0.000 | 95 | 89483 | 20.0 | 20.9 | |
| 95 m-Xylene & p-Xylene | 106 | 9.422 | 9.422 | 0.000 | 0 | 187177 | 20.0 | 20.7 | |
| 96 n-Butyl acrylate | 73 | 9.722 | 9.723 | -0.001 | 96 | 52068 | 20.0 | 20.3 | |
| 97 o-Xylene | 106 | 9.751 | 9.751 | 0.000 | 93 | 176418 | 20.0 | 20.7 | |
| 98 Styrene | 104 | 9.773 | 9.773 | 0.000 | 94 | 283026 | 20.0 | 20.9 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.902 | 9.902 | 0.000 | 90 | 127066 | 20.0 | 21.3 | |
| 100 Bromoform | 173 | 9.944 | 9.945 | -0.001 | 95 | 50040 | 20.0 | 19.4 | |
| 101 Isopropylbenzene | 105 | 10.030 | 10.031 | -0.001 | 96 | 474618 | 20.0 | 20.9 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 233874 | 50.0 | 51.8 | |
| 103 Bromobenzene | 156 | 10.303 | 10.303 | 0.000 | 97 | 104588 | 20.0 | 20.9 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.324 | 10.324 | 0.000 | 99 | 89798 | 20.0 | 20.9 | |
| 105 N-Propylbenzene | 91 | 10.353 | 10.353 | 0.000 | 99 | 596252 | 20.0 | 21.5 | |
| 106 1,2,3-Trichloropropane | 110 | 10.367 | 10.367 | 0.000 | 94 | 23683 | 20.0 | 20.4 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.374 | 10.374 | 0.000 | 79 | 27407 | 20.0 | 20.5 | |
| 108 4-Ethyltoluene | 105 | 10.439 | 10.439 | 0.000 | 95 | 473630 | 20.0 | 21.2 | |
| 109 2-Chlorotoluene | 91 | 10.439 | 10.439 | 0.000 | 91 | 396981 | 20.0 | 21.6 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.489 | 10.489 | 0.000 | 94 | 409516 | 20.0 | 21.4 | |
| 111 4-Chlorotoluene | 91 | 10.532 | 10.532 | 0.000 | 98 | 359419 | 20.0 | 21.6 | |
| 112 Butyl Methacrylate | 87 | 10.546 | 10.546 | 0.000 | 94 | 108002 | 20.0 | 21.7 | |
| 113 tert-Butylbenzene | 119 | 10.725 | 10.725 | 0.000 | 93 | 341285 | 20.0 | 20.8 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.768 | 10.768 | 0.000 | 98 | 397879 | 20.0 | 21.3 | |
| 115 sec-Butylbenzene | 105 | 10.883 | 10.883 | 0.000 | 99 | 534175 | 20.0 | 21.3 | |
| 116 4-Isopropyltoluene | 119 | 10.990 | 10.990 | 0.000 | 98 | 437642 | 20.0 | 21.5 | |
| 117 1,3-Dichlorobenzene | 146 | 11.005 | 11.005 | 0.000 | 94 | 210354 | 20.0 | 21.3 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 95 | 191610 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.076 | 11.076 | 0.000 | 93 | 211136 | 20.0 | 21.1 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.083 | 11.084 | -0.001 | 99 | 404563 | 20.0 | 21.5 | |
| 121 Benzyl chloride | 126 | 11.184 | 11.184 | 0.000 | 98 | 31873 | 20.0 | 15.8 | |
| 122 2,3-Dihydroindene | 117 | 11.234 | 11.234 | 0.000 | 94 | 397795 | 20.0 | 20.9 | |
| 123 p-Diethylbenzene | 119 | 11.262 | 11.263 | -0.001 | 93 | 289973 | 20.0 | 20.9 | |
| 124 n-Butylbenzene | 92 | 11.284 | 11.284 | 0.000 | 98 | 253265 | 20.0 | 21.7 | |
| 125 1,2-Dichlorobenzene | 146 | 11.348 | 11.349 | -0.001 | 96 | 189134 | 20.0 | 21.0 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.879 | 11.879 | -0.001 | 97 | 366110 | 20.0 | 21.0 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.986 | 11.986 | 0.000 | 96 | 16269 | 20.0 | 19.5 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.108 | 12.108 | 0.000 | 96 | 152146 | 20.0 | 20.8 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.724 | 12.724 | 0.000 | 94 | 126653 | 20.0 | 20.9 | |
| 130 Hexachlorobutadiene | 225 | 12.831 | 12.831 | 0.000 | 91 | 72538 | 20.0 | 20.0 | |
| 131 Naphthalene | 128 | 13.003 | 13.003 | 0.000 | 99 | 244744 | 20.0 | 20.0 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.282 | 13.283 | -0.001 | 95 | 110321 | 20.0 | 20.8 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 41.4 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 42.6 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 41.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 103.3 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | | |
| 524FREONS_00002 | Amount Added: | 2.00 | Units: uL | | |
| GASES Li_00561 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

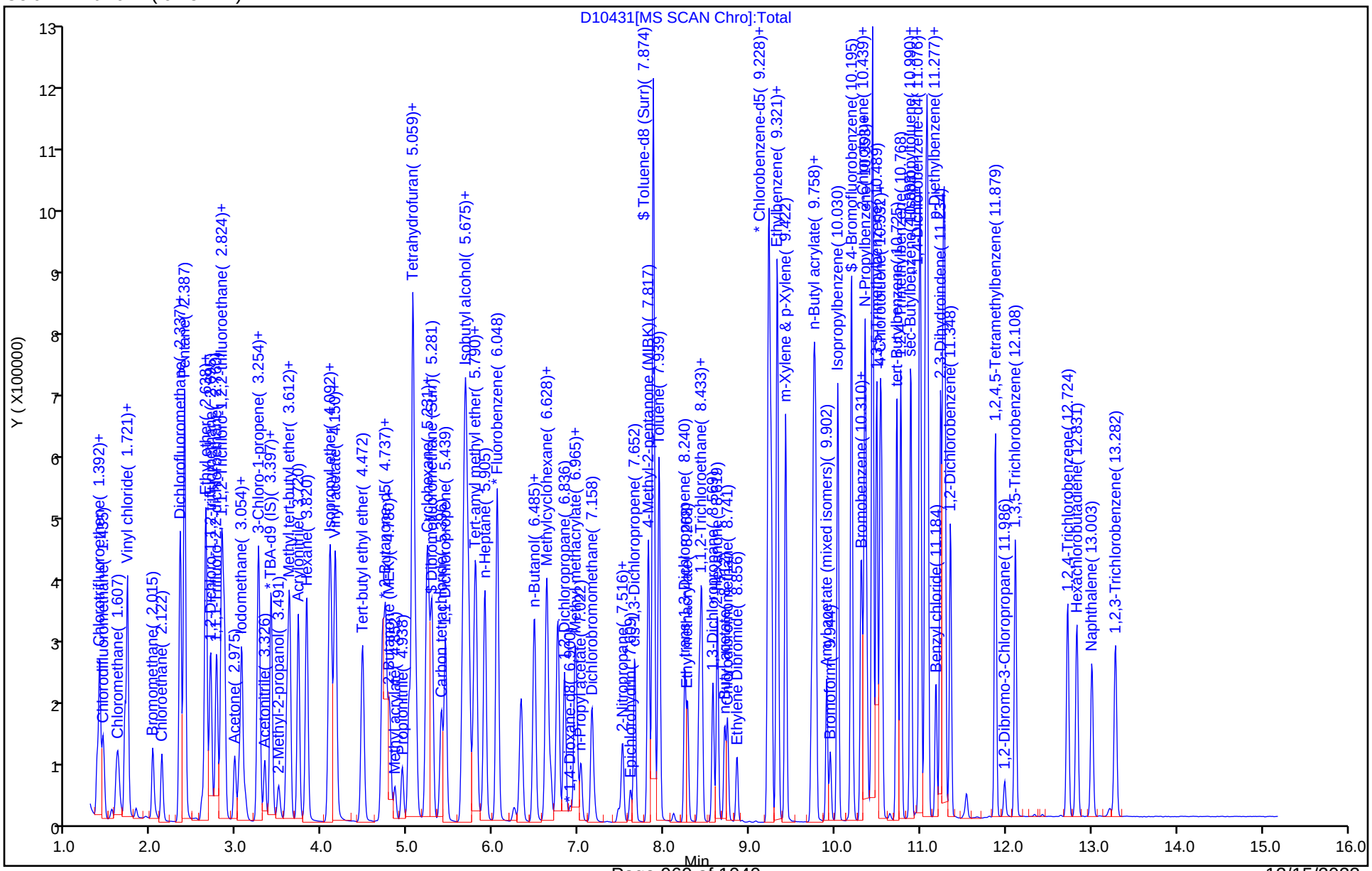
Report Date: 13-Dec-2023 14:12:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10431.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 09:01:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | LCSD | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






12/15/2023
1:34 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10431.D | | | | |
| Lims ID: | LCSD | | | | |
| Client ID: | | | | | |
| Sample Type: | LCSD | | | | |
| Inject. Date: | 13-Dec-2023 09:01:30 | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | LCSD | | | | |
| Misc. Info.: | 460-0170079-004 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS4 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 13-Dec-2023 14:12:44 | Calib Date: | 07-Dec-2023 11:06:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D | | | | |
| Column 1 : | Rtx-624 ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1605 | | | | |

First Level Reviewer: NN6A Date: 13-Dec-2023 14:12:44

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 49.2 | 98.40 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 46.6 | 93.19 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.4 | 100.86 |
| $ 102 4-Bromofluorobenzene | 50.0 | 51.8 | 103.67 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-949677/4

Matrix: Water | Lab File ID: O12101.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 19.3 | | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 16.7 | | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.3 | | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 17.2 | | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 17.5 | | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 17.8 | | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 22.6 | | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 22.9 | | 1.0 | 0.37 |
| 78-87-5 | 1,2-Dichloropropane | 18.9 | | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 19.3 | | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 19.2 | | 1.0 | 0.33 |
| 123-91-1 | 1,4-Dioxane | 397 | | 50 | 28 |
| 78-93-3 | 2-Butanone (MEK) | 98.5 | | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 101 | | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 101 | | 5.0 | 1.3 |
| 67-64-1 | Acetone | 92.5 | | 5.0 | 4.4 |
| 71-43-2 | Benzene | 18.4 | | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 18.7 | | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 12.1 | | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 21.2 | | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 20.6 | | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 18.3 | | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 19.2 | | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 19.6 | | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 16.7 | | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 17.9 | | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 16.6 | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 17.4 | | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 18.0 | | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 21.4 | | 1.0 | 0.32 |
| 75-27-4 | Dichlorobromomethane | 18.5 | | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 15.7 | | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 18.2 | | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-949677/4

Matrix: Water | Lab File ID: O12101.d

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/13/2023 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949677 | Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 19.3 | | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 18.5 | | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 33.3 | | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 18.0 | | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 20.3 | | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 18.6 | | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 18.9 | | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 18.8 | | 1.0 | 0.36 |
| 100-42-5 | Styrene | 17.4 | | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 21.0 | | 1.0 | 0.25 |
| 108-88-3 | Toluene | 17.2 | | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 18.1 | | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 16.3 | | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 18.3 | | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 17.6 | | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 18.5 | | 1.0 | 0.17 |
| 107-06-2 | 1,2-Dichloroethane | 17.7 | | 1.0 | 0.43 |
| 95-50-1 | 1,2-Dichlorobenzene | 19.4 | | 1.0 | 0.21 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 18.4 | | 1.0 | 0.38 |
| 108-21-4 | Isopropyl acetate | 17.6 | | 2.0 | 0.40 |
| 123-86-4 | n-Butyl acetate | 16.4 | | 2.0 | 0.33 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 90 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 116 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 104 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 100 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12101.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 13-Dec-2023 11:10:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0170088-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 13:32:24 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: RD6L Date: 13-Dec-2023 11:35:38

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 2 Chlorotrifluoroethene | 116 | 1.110 | 1.110 | 0.000 | 96 | 14940 | 20.0 | 21.4 | |
| 3 Dichlorodifluoromethane | 85 | 1.132 | 1.144 | -0.012 | 100 | 63897 | 20.0 | 15.7 | |
| 5 Chlorodifluoromethane | 67 | 1.167 | 1.167 | 0.000 | 98 | 11765 | 20.0 | 19.6 | |
| 6 Chloromethane | 50 | 1.292 | 1.292 | 0.000 | 99 | 74514 | 20.0 | 16.6 | |
| 7 Vinyl chloride | 62 | 1.327 | 1.338 | -0.012 | 98 | 69982 | 20.0 | 18.5 | |
| 8 Butadiene | 54 | 1.349 | 1.361 | -0.012 | 99 | 61596 | 20.0 | 15.5 | |
| 9 Bromomethane | 94 | 1.555 | 1.555 | 0.000 | 99 | 37115 | 20.0 | 12.1 | |
| 10 Chloroethane | 64 | 1.623 | 1.623 | 0.000 | 100 | 41795 | 20.0 | 16.7 | |
| 11 Dichlorofluoromethane | 67 | 1.760 | 1.760 | 0.000 | 99 | 105272 | 20.0 | 17.6 | |
| 12 Trichlorofluoromethane | 101 | 1.795 | 1.806 | -0.011 | 99 | 73997 | 20.0 | 17.6 | |
| 13 Pentane | 57 | 1.852 | 1.863 | -0.011 | 97 | 26330 | 40.0 | 42.5 | |
| 14 Ethanol | 46 | 1.920 | 1.920 | 0.000 | 97 | 10095 | 800.0 | 1111.8 | |
| 15 Ethyl ether | 59 | 2.000 | 2.000 | 0.000 | 95 | 45936 | 20.0 | 18.1 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.000 | 2.000 | 0.000 | 95 | 38211 | 20.0 | 17.6 | |
| 17 2-Methyl-1,3-butadiene | 53 | 2.012 | 2.023 | -0.011 | 98 | 53778 | 20.0 | 18.7 | |
| 18 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.046 | 2.046 | 0.000 | 97 | 63684 | 20.0 | 16.1 | |
| 19 Acrolein | 56 | 2.080 | 2.091 | -0.011 | 97 | 12204 | 40.0 | 53.2 | |
| 20 1,1-Dichloroethene | 96 | 2.160 | 2.160 | 0.000 | 99 | 40264 | 20.0 | 17.8 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.160 | 2.160 | 0.000 | 97 | 48676 | 20.0 | 20.3 | |
| 22 Acetone | 58 | 2.194 | 2.194 | 0.000 | 86 | 17376 | 100.0 | 92.5 | |
| 23 Iodomethane | 142 | 2.263 | 2.274 | -0.011 | 98 | 55405 | 20.0 | 18.1 | |
| 24 Isopropyl alcohol | 45 | 2.286 | 2.285 | 0.001 | 98 | 16474 | 200.0 | 148.8 | |
| 25 Carbon disulfide | 76 | 2.308 | 2.320 | -0.012 | 99 | 174735 | 20.0 | 21.2 | |
| 26 Acetonitrile | 38 | 2.411 | 2.411 | 0.000 | 94 | 19386 | 200.0 | 248.9 | |
| 27 3-Chloro-1-propene | 76 | 2.411 | 2.422 | -0.011 | 90 | 30118 | 20.0 | 18.6 | |
| 28 Methyl acetate | 43 | 2.434 | 2.434 | 0.000 | 100 | 34716 | 40.0 | 33.3 | |
| 29 Cyclopentene | 67 | 2.480 | 2.480 | 0.000 | 97 | 103368 | 20.0 | 17.9 | |
| 30 Methylene Chloride | 84 | 2.502 | 2.514 | -0.012 | 95 | 56500 | 20.0 | 18.6 | |
| * 31 TBA-d9 (IS) | 65 | 2.525 | 2.525 | 0.000 | 0 | 163823 | 1000.0 | 1000.0 | |
| 32 2-Methyl-2-propanol | 59 | 2.582 | 2.594 | -0.012 | 99 | 35232 | 200.0 | 186.7 | |
| 33 Acrylonitrile | 53 | 2.685 | 2.685 | 0.000 | 95 | 166791 | 200.0 | 182.6 | |

| 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 | 2.719 | 2.719 | 0.000 | 95 | 50654 | 20.0 | 18.1 | |
| 35 Methyl tert-butyl ether | 73 | 2.719 | 2.719 | 0.000 | 98 | 164156 | 20.0 | 18.0 | |
| 36 Hexane | 57 | 2.948 | 2.948 | 0.000 | 95 | 58866 | 20.0 | 20.0 | |
| 37 1,1-Dichloroethane | 63 | 3.050 | 3.050 | 0.000 | 100 | 94242 | 20.0 | 17.5 | |
| 38 Vinyl acetate | 86 | 3.096 | 3.096 | 0.000 | 100 | 23347 | 40.0 | 51.7 | |
| 39 Isopropyl ether | 45 | 3.119 | 3.119 | 0.000 | 95 | 201743 | 20.0 | 19.2 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.130 | 3.130 | 0.000 | 92 | 51245 | 20.0 | 19.0 | |
| 41 Tert-butyl ethyl ether | 59 | 3.427 | 3.427 | 0.000 | 89 | 176221 | 20.0 | 17.9 | |
| * 43 2-Butanone-d5 | 46 | 3.507 | 3.507 | 0.000 | 0 | 288516 | 250.0 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.541 | 3.553 | -0.012 | 95 | 53430 | 20.0 | 17.4 | |
| 44 2,2-Dichloropropane | 97 | 3.553 | 3.553 | 0.000 | 85 | 19303 | 20.0 | 18.1 | |
| 46 2-Butanone (MEK) | 72 | 3.564 | 3.564 | 0.000 | 100 | 30528 | 100.0 | 98.5 | |
| 42 Propionitrile | 54 | 3.610 | 3.610 | 0.000 | 96 | 64477 | 200.0 | 248.0 | |
| 47 Ethyl acetate | 43 | 3.621 | 3.621 | 0.000 | 100 | 122427 | 40.0 | 41.4 | |
| 48 Methyl acrylate | 55 | 3.656 | 3.656 | 0.000 | 99 | 57366 | 20.0 | 16.3 | M |
| 50 Methacrylonitrile | 67 | 3.747 | 3.758 | -0.011 | 94 | 227247 | 200.0 | 171.3 | |
| 49 Chlorobromomethane | 128 | 3.758 | 3.758 | 0.000 | 96 | 26591 | 20.0 | 19.2 | |
| 51 Tetrahydrofuran | 42 | 3.804 | 3.815 | -0.011 | 85 | 26978 | 40.0 | 39.4 | |
| 52 Chloroform | 83 | 3.838 | 3.838 | 0.000 | 98 | 91486 | 20.0 | 17.9 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.987 | 3.987 | 0.000 | 97 | 99209 | 50.0 | 51.9 | |
| 54 1,1,1-Trichloroethane | 97 | 4.009 | 4.021 | -0.012 | 99 | 83660 | 20.0 | 19.3 | |
| 55 Cyclohexane | 84 | 4.067 | 4.078 | -0.011 | 94 | 73998 | 20.0 | 21.4 | |
| 57 1,1-Dichloropropene | 75 | 4.169 | 4.181 | -0.012 | 93 | 79896 | 20.0 | 19.5 | |
| 56 Carbon tetrachloride | 117 | 4.181 | 4.181 | 0.000 | 84 | 67060 | 20.0 | 20.6 | |
| 61 Isobutyl alcohol | 43 | 4.295 | 4.306 | -0.011 | 96 | 54303 | 500.0 | 546.1 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 4.318 | 4.318 | 0.000 | 0 | 125351 | 50.0 | 45.1 | |
| 59 Benzene | 78 | 4.375 | 4.375 | 0.000 | 96 | 243220 | 20.0 | 18.4 | |
| 60 1,2-Dichloroethane | 62 | 4.386 | 4.386 | 0.000 | 97 | 75719 | 20.0 | 17.7 | |
| 63 Isopropyl acetate | 61 | 4.466 | 4.478 | -0.012 | 98 | 20282 | 20.0 | 17.6 | |
| 62 Isooctane | 57 | 4.478 | 4.478 | 0.000 | 97 | 114648 | 20.0 | 20.4 | |
| 64 Tert-amyl methyl ether | 73 | 4.500 | 4.512 | -0.012 | 94 | 161788 | 20.0 | 18.0 | |
| * 65 Fluorobenzene | 96 | 4.660 | 4.672 | -0.012 | 98 | 566626 | 50.0 | 50.0 | |
| 66 n-Heptane | 43 | 4.683 | 4.683 | 0.000 | 96 | 47911 | 20.0 | 19.9 | |
| 68 n-Butanol | 56 | 5.014 | 5.014 | 0.000 | 93 | 38868 | 500.0 | 537.1 | |
| 67 Trichloroethene | 95 | 5.060 | 5.060 | 0.000 | 97 | 58915 | 20.0 | 18.3 | |
| 69 Ethyl acrylate | 55 | 5.208 | 5.208 | 0.000 | 98 | 72085 | 20.0 | 17.5 | |
| 70 Methylcyclohexane | 83 | 5.277 | 5.277 | 0.000 | 96 | 65964 | 20.0 | 20.3 | |
| 71 1,2-Dichloropropane | 63 | 5.311 | 5.311 | 0.000 | 94 | 63376 | 20.0 | 18.9 | |
| * 72 1,4-Dioxane-d8 | 96 | 5.414 | 5.414 | 0.000 | 0 | 37997 | 1000.0 | 1000.0 | |
| 73 Dibromomethane | 93 | 5.437 | 5.437 | 0.000 | 97 | 33132 | 20.0 | 18.3 | |
| 75 Methyl methacrylate | 100 | 5.471 | 5.471 | 0.000 | 92 | 31784 | 40.0 | 35.3 | |
| 74 1,4-Dioxane | 88 | 5.471 | 5.471 | 0.000 | 33 | 16922 | 400.0 | 396.7 | |
| 76 n-Propyl acetate | 43 | 5.551 | 5.551 | 0.000 | 99 | 86083 | 20.0 | 17.7 | |
| 77 Dichlorobromomethane | 83 | 5.631 | 5.631 | 0.000 | 99 | 73392 | 20.0 | 18.5 | |
| 78 2-Nitropropane | 41 | 5.905 | 5.905 | 0.000 | 99 | 25679 | 40.0 | 33.7 | |
| 79 2-Chloroethyl vinyl ether | 63 | 6.019 | 6.019 | 0.000 | 95 | 32899 | 20.0 | 16.5 | |
| 80 Epichlorohydrin | 57 | 6.076 | 6.076 | 0.000 | 99 | 120418 | 400.0 | 363.5 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.179 | 6.179 | 0.000 | 95 | 99787 | 20.0 | 18.0 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 6.407 | 6.407 | 0.000 | 98 | 281771 | 100.0 | 101.3 | |
| $ 83 Toluene-d8 (Surr) | 98 | 6.521 | 6.521 | 0.000 | 99 | 474914 | 50.0 | 50.0 | |
| 84 Toluene | 91 | 6.613 | 6.612 | 0.001 | 94 | 257474 | 20.0 | 17.2 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.921 | 6.921 | 0.000 | 99 | 89054 | 20.0 | 16.3 | |

| 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 | 7.092 | 7.092 | 0.000 | 90 | 69246 | 20.0 | 15.3 | |
| 87 1,1,2-Trichloroethane | 83 | 7.149 | 7.149 | 0.000 | 95 | 45310 | 20.0 | 17.2 | |
| 88 Tetrachloroethene | 166 | 7.343 | 7.343 | 0.000 | 99 | 57909 | 20.0 | 21.0 | |
| 89 1,3-Dichloropropane | 76 | 7.377 | 7.377 | 0.000 | 95 | 96074 | 20.0 | 17.5 | |
| 90 2-Hexanone | 43 | 7.537 | 7.537 | 0.000 | 97 | 192363 | 100.0 | 100.8 | |
| 91 Chlorodibromomethane | 129 | 7.686 | 7.686 | 0.000 | 98 | 53913 | 20.0 | 19.6 | |
| 92 n-Butyl acetate | 43 | 7.766 | 7.766 | 0.000 | 98 | 86494 | 20.0 | 16.4 | |
| 93 Ethylene Dibromide | 107 | 7.823 | 7.823 | 0.000 | 99 | 55382 | 20.0 | 19.3 | |
| * 94 Chlorobenzene-d5 | 117 | 8.531 | 8.531 | 0.000 | 86 | 466990 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.565 | 8.565 | 0.000 | 93 | 158172 | 20.0 | 18.3 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.702 | 8.702 | 0.000 | 95 | 50752 | 20.0 | 19.2 | |
| 97 Ethylbenzene | 106 | 8.770 | 8.770 | 0.000 | 98 | 84004 | 20.0 | 18.2 | |
| 98 m-Xylene & p-Xylene | 106 | 8.953 | 8.953 | 0.000 | 0 | 99924 | 20.0 | 18.9 | |
| 99 o-Xylene | 106 | 9.558 | 9.558 | 0.000 | 94 | 99504 | 20.0 | 18.8 | |
| 100 Styrene | 104 | 9.592 | 9.592 | 0.000 | 95 | 164180 | 20.0 | 17.4 | |
| 101 n-Butyl acrylate | 73 | 9.604 | 9.604 | 0.000 | 96 | 34131 | 20.0 | 15.6 | |
| 102 Bromoform | 173 | 9.821 | 9.821 | 0.000 | 96 | 34205 | 20.0 | 18.7 | |
| 103 Amyl acetate (mixed isomers) | 43 | 10.003 | 10.003 | 0.000 | 90 | 84884 | 20.0 | 15.4 | |
| 104 Isopropylbenzene | 105 | 10.175 | 10.175 | 0.000 | 96 | 229200 | 20.0 | 18.5 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.392 | 10.391 | 0.001 | 91 | 148267 | 50.0 | 57.9 | |
| 106 Bromobenzene | 156 | 10.597 | 10.597 | 0.000 | 97 | 71208 | 20.0 | 19.1 | |
| 107 1,1,2,2-Tetrachloroethane | 83 | 10.677 | 10.677 | 0.000 | 98 | 73653 | 20.0 | 16.7 | |
| 108 1,2,3-Trichloropropane | 75 | 10.711 | 10.711 | 0.000 | 97 | 59183 | 20.0 | 15.2 | |
| 109 trans-1,4-Dichloro-2-butene | 75 | 10.780 | 10.780 | 0.000 | 90 | 27508 | 20.0 | 13.9 | |
| 110 N-Propylbenzene | 91 | 10.848 | 10.848 | 0.000 | 99 | 247490 | 20.0 | 16.9 | |
| 111 2-Chlorotoluene | 91 | 10.940 | 10.940 | 0.000 | 97 | 172765 | 20.0 | 16.8 | |
| 112 4-Ethyltoluene | 105 | 11.054 | 11.054 | 0.000 | 99 | 197174 | 20.0 | 17.2 | |
| 113 4-Chlorotoluene | 91 | 11.122 | 11.122 | 0.000 | 98 | 190754 | 20.0 | 16.6 | |
| 114 1,3,5-Trimethylbenzene | 105 | 11.156 | 11.156 | 0.000 | 92 | 150768 | 20.0 | 16.7 | |
| 115 Butyl Methacrylate | 87 | 11.362 | 11.362 | 0.000 | 95 | 47486 | 20.0 | 16.4 | |
| 116 tert-Butylbenzene | 119 | 11.567 | 11.567 | 0.000 | 94 | 132921 | 20.0 | 17.8 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.625 | 11.625 | 0.000 | 98 | 164529 | 20.0 | 17.3 | |
| 118 sec-Butylbenzene | 105 | 11.819 | 11.819 | 0.000 | 99 | 182359 | 20.0 | 17.6 | |
| 119 1,3-Dichlorobenzene | 146 | 11.887 | 11.887 | 0.000 | 97 | 118327 | 20.0 | 19.3 | |
| * 120 1,4-Dichlorobenzene-d4 | 152 | 11.956 | 11.956 | 0.000 | 97 | 245879 | 50.0 | 50.0 | |
| 122 4-Isopropyltoluene | 119 | 11.978 | 11.978 | 0.000 | 98 | 149773 | 20.0 | 18.2 | |
| 121 1,4-Dichlorobenzene | 146 | 11.978 | 11.978 | 0.000 | 96 | 119113 | 20.0 | 19.2 | |
| 123 1,2,3-Trimethylbenzene | 105 | 12.047 | 12.047 | 0.000 | 99 | 181867 | 20.0 | 18.1 | |
| 124 Benzyl chloride | 126 | 12.115 | 12.115 | 0.000 | 98 | 26759 | 20.0 | 16.9 | |
| 125 2,3-Dihydroindene | 117 | 12.207 | 12.207 | 0.000 | 94 | 207193 | 20.0 | 18.4 | |
| 126 1,2-Dichlorobenzene | 146 | 12.310 | 12.310 | 0.000 | 97 | 117604 | 20.0 | 19.4 | |
| 127 p-Diethylbenzene | 119 | 12.321 | 12.321 | 0.000 | 93 | 86102 | 20.0 | 18.2 | |
| 128 n-Butylbenzene | 92 | 12.332 | 12.332 | 0.000 | 97 | 70042 | 20.0 | 18.3 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 12.892 | 12.892 | 0.000 | 97 | 177027 | 20.0 | 19.0 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 12.892 | 12.892 | 0.000 | 36 | 15299 | 20.0 | 18.4 | |
| 131 1,3,5-Trichlorobenzene | 180 | 13.040 | 13.040 | 0.000 | 98 | 69517 | 20.0 | 22.6 | |
| 132 1,2,4-Trichlorobenzene | 180 | 13.417 | 13.417 | 0.000 | 93 | 68638 | 20.0 | 22.9 | |
| 133 Hexachlorobutadiene | 225 | 13.531 | 13.531 | 0.000 | 92 | 23287 | 20.0 | 22.7 | |
| 134 Naphthalene | 128 | 13.565 | 13.565 | 0.000 | 99 | 221594 | 20.0 | 20.6 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.725 | 13.725 | 0.000 | 95 | 64329 | 20.0 | 22.6 | |
| S 137 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 35.6 | |
| S 138 Xylenes, Total | 100 | | | | 0 | | 40.0 | 37.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 91.6 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00162 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00180 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 20.00 | Units: uL | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |

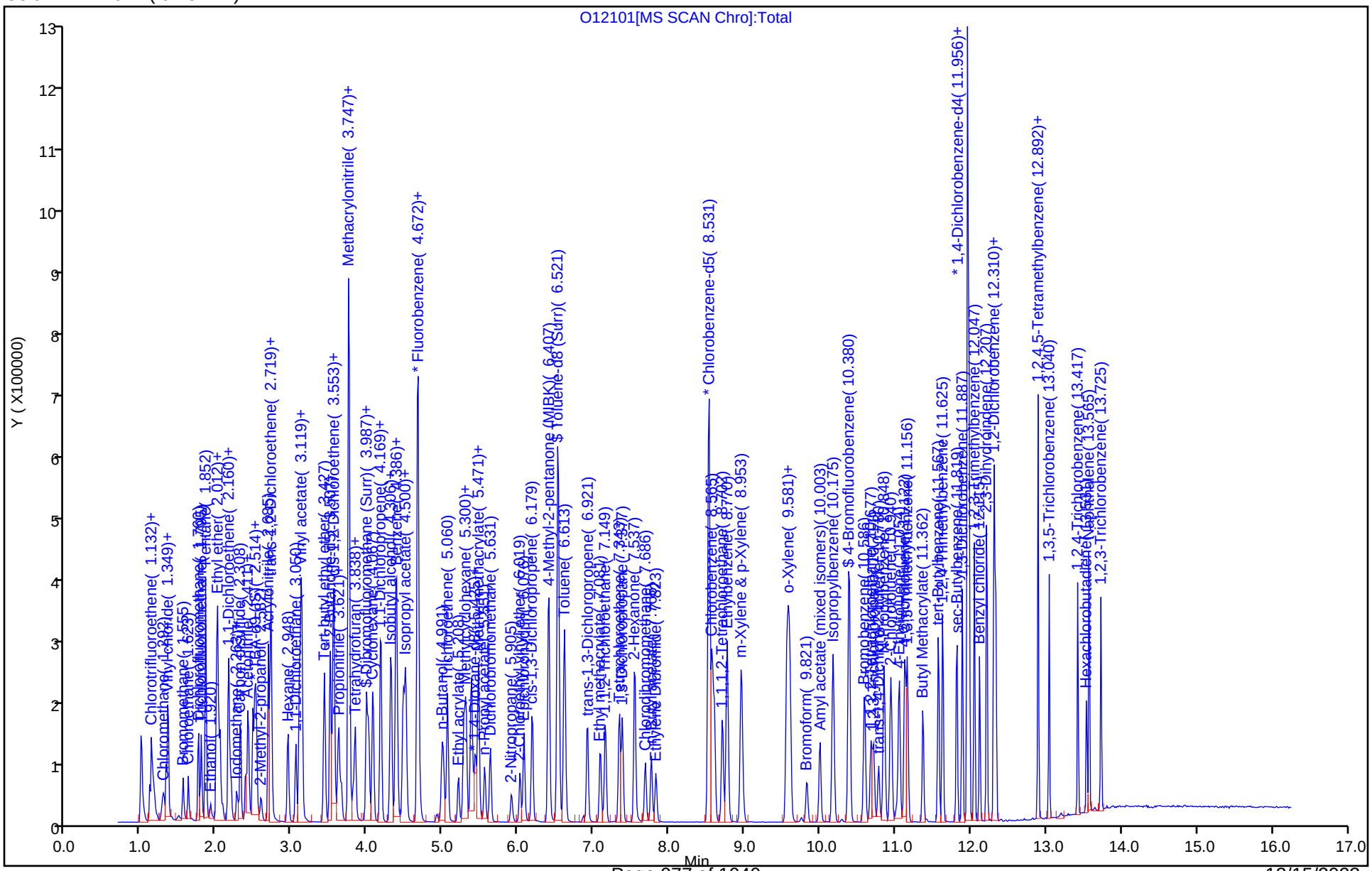
Report Date: 14-Dec-2023 13:32:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12101.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 11:10:30 | Instrument ID: | CVOAMS12 | Operator ID: | |
| Lims ID: | LCSD | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | 8260W_12 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\O12101.d
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 13-Dec-2023 11:10:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0170088-004
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20231213-170088.b\8260W_12.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 13:32:24 Calib Date: 22-Nov-2023 12:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20231122-169242.b\O11265.d

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: RD6L Date: 13-Dec-2023 11:35:38

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 51.9 | 103.71 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 45.1 | 90.25 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 50.0 | 99.96 |
| $ 105 4-Bromofluorobenzene | 50.0 | 57.9 | 115.90 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-949836/32

Matrix: Solid | Lab File ID: B11204.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/14/2023 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 19.5 | | 1.0 | 0.23 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 21.2 | | 1.0 | 0.21 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 23.8 | | 1.0 | 0.30 |
| 79-00-5 | 1,1,2-Trichloroethane | 19.7 | | 1.0 | 0.18 |
| 75-34-3 | 1,1-Dichloroethane | 22.6 | | 1.0 | 0.21 |
| 75-35-4 | 1,1-Dichloroethene | 24.7 | | 1.0 | 0.23 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 17.4 | | 1.0 | 0.18 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 17.2 | | 1.0 | 0.36 |
| 78-87-5 | 1,2-Dichloropropane | 22.4 | | 1.0 | 0.42 |
| 541-73-1 | 1,3-Dichlorobenzene | 20.4 | | 1.0 | 0.37 |
| 106-46-7 | 1,4-Dichlorobenzene | 21.3 | | 1.0 | 0.23 |
| 123-91-1 | 1,4-Dioxane | 429 | | 100 | 9.2 |
| 78-93-3 | 2-Butanone (MEK) | 84.5 | | 5.0 | 0.37 |
| 591-78-6 | 2-Hexanone | 70.7 | | 5.0 | 1.7 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 77.0 | | 5.0 | 1.6 |
| 67-64-1 | Acetone | 101 | | 6.0 | 5.7 |
| 71-43-2 | Benzene | 20.3 | | 1.0 | 0.26 |
| 75-25-2 | Bromoform | 17.6 | | 1.0 | 0.43 |
| 74-83-9 | Bromomethane | 23.8 | | 2.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 26.2 | | 1.0 | 0.27 |
| 56-23-5 | Carbon tetrachloride | 19.4 | | 1.0 | 0.39 |
| 108-90-7 | Chlorobenzene | 20.3 | | 1.0 | 0.18 |
| 74-97-5 | Chlorobromomethane | 21.1 | | 1.0 | 0.28 |
| 124-48-1 | Chlorodibromomethane | 17.0 | | 1.0 | 0.19 |
| 75-00-3 | Chloroethane | 25.6 | | 1.0 | 0.52 |
| 67-66-3 | Chloroform | 22.5 | | 1.0 | 0.97 |
| 74-87-3 | Chloromethane | 26.6 | | 1.0 | 0.44 |
| 156-59-2 | cis-1,2-Dichloroethene | 21.6 | | 1.0 | 0.36 |
| 10061-01-5 | cis-1,3-Dichloropropene | 16.6 | | 1.0 | 0.27 |
| 110-82-7 | Cyclohexane | 21.3 | | 1.0 | 0.22 |
| 75-27-4 | Dichlorobromomethane | 21.1 | | 1.0 | 0.26 |
| 75-71-8 | Dichlorodifluoromethane | 22.3 | | 1.0 | 0.34 |
| 100-41-4 | Ethylbenzene | 18.8 | | 1.0 | 0.20 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-949836/32

Matrix: Solid | Lab File ID: B11204.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/14/2023 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 949836 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 16.0 | | 1.0 | 0.18 |
| 98-82-8 | Isopropylbenzene | 18.4 | | 1.0 | 0.29 |
| 79-20-9 | Methyl acetate | 46.3 | | 5.0 | 4.3 |
| 1634-04-4 | Methyl tert-butyl ether | 19.1 | | 1.0 | 0.51 |
| 108-87-2 | Methylcyclohexane | 19.9 | | 1.0 | 0.50 |
| 75-09-2 | Methylene Chloride | 22.3 | | 2.0 | 1.1 |
| 179601-23-1 | m-Xylene & p-Xylene | 17.9 | | 1.0 | 0.17 |
| 95-47-6 | o-Xylene | 16.8 | | 1.0 | 0.19 |
| 100-42-5 | Styrene | 16.4 | | 1.0 | 0.28 |
| 127-18-4 | Tetrachloroethene | 19.5 | | 1.0 | 0.31 |
| 108-88-3 | Toluene | 18.5 | | 1.0 | 0.23 |
| 156-60-5 | trans-1,2-Dichloroethene | 23.0 | | 1.0 | 0.25 |
| 10061-02-6 | trans-1,3-Dichloropropene | 15.4 | | 1.0 | 0.27 |
| 79-01-6 | Trichloroethene | 20.5 | | 1.0 | 0.32 |
| 75-69-4 | Trichlorofluoromethane | 19.4 | | 1.0 | 0.41 |
| 75-01-4 | Vinyl chloride | 24.5 | | 1.0 | 0.55 |
| 107-06-2 | 1,2-Dichloroethane | 21.2 | | 1.0 | 0.30 |
| 95-50-1 | 1,2-Dichlorobenzene | 20.8 | | 1.0 | 0.36 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 16.4 | | 1.0 | 0.46 |
| 108-21-4 | Isopropyl acetate | 17.7 | | 2.0 | 0.31 |
| 123-86-4 | n-Butyl acetate | 15.1 | | 2.0 | 0.92 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 111 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 97 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 102 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 91 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11204.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 14-Dec-2023 13:52:30 ALS Bottle#: 20 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0170114-032
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 14:17:01 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: NN6A Date: 14-Dec-2023 14:17:01

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Dichlorodifluoromethane | 85 | 0.880 | 0.880 | 0.000 | 97 | 67820 | 20.0 | 22.3 | |
| 4 Chlorodifluoromethane | 67 | 0.892 | 0.880 | 0.012 | 97 | 13723 | 20.0 | 25.9 | |
| 5 Chloromethane | 50 | 0.965 | 0.959 | 0.006 | 98 | 91054 | 20.0 | 26.6 | |
| 7 Vinyl chloride | 62 | 1.051 | 1.051 | 0.001 | 86 | 79341 | 20.0 | 24.5 | |
| 6 Butadiene | 54 | 1.057 | 1.051 | 0.007 | 97 | 67955 | 20.0 | 26.1 | |
| 8 Bromomethane | 94 | 1.240 | 1.239 | 0.001 | 98 | 43590 | 20.0 | 23.8 | |
| 9 Chloroethane | 64 | 1.301 | 1.300 | 0.001 | 100 | 44849 | 20.0 | 25.6 | |
| 10 Dichlorofluoromethane | 67 | 1.435 | 1.435 | 0.000 | 98 | 64419 | 20.0 | 17.7 | |
| 11 Trichlorofluoromethane | 101 | 1.453 | 1.459 | -0.006 | 97 | 51501 | 20.0 | 19.4 | a |
| 12 Pentane | 43 | 1.508 | 1.508 | 0.000 | 96 | 297227 | 40.0 | 71.1 | |
| 14 Ethanol | 46 | 1.654 | 1.624 | 0.030 | 54 | 14371 | 800.0 | 1002.6 | |
| 13 Ethyl ether | 59 | 1.654 | 1.648 | 0.006 | 67 | 51174 | 20.0 | 24.5 | |
| 15 2-Methyl-1,3-butadiene | 53 | 1.660 | 1.660 | 0.000 | 95 | 65892 | 20.0 | 28.8 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.691 | 1.672 | 0.019 | 93 | 47286 | 20.0 | 25.5 | |
| 17 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.721 | 1.721 | 0.000 | 93 | 91536 | 20.0 | 28.7 | a |
| 18 Acrolein | 56 | 1.740 | 1.733 | 0.007 | 98 | 122711 | 300.0 | 363.4 | |
| 19 1,1-Dichloroethene | 96 | 1.794 | 1.794 | 0.000 | 94 | 46587 | 20.0 | 24.7 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.813 | 1.813 | 0.000 | 93 | 50990 | 20.0 | 23.8 | |
| 21 Acetone | 43 | 1.849 | 1.843 | 0.006 | 85 | 86561 | 100.0 | 100.7 | |
| 22 Iodomethane | 142 | 1.892 | 1.892 | 0.000 | 100 | 69715 | 20.0 | 19.4 | |
| 23 Carbon disulfide | 76 | 1.935 | 1.928 | 0.007 | 100 | 182102 | 20.0 | 26.2 | |
| 24 Isopropyl alcohol | 45 | 1.971 | 1.971 | 0.000 | 96 | 39054 | 200.0 | 245.0 | |
| 25 3-Chloro-1-propene | 39 | 2.050 | 2.050 | 0.000 | 90 | 85837 | 20.0 | 24.3 | |
| 26 Methyl acetate | 43 | 2.081 | 2.075 | 0.006 | 100 | 74760 | 40.0 | 46.3 | |
| 27 Acetonitrile | 39 | 2.099 | 2.111 | -0.012 | 24 | 40499 | 200.0 | 290.3 | a |
| 28 Methylene Chloride | 84 | 2.136 | 2.136 | 0.000 | 98 | 54492 | 20.0 | 22.3 | |
| * 29 TBA-d9 (IS) | 65 | 2.209 | 2.215 | -0.006 | 0 | 248637 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.270 | 2.270 | 0.000 | 98 | 51016 | 200.0 | 181.3 | |
| 31 Acrylonitrile | 53 | 2.325 | 2.325 | 0.000 | 95 | 165196 | 200.0 | 234.1 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.343 | 2.343 | 0.000 | 99 | 51863 | 20.0 | 23.0 | |
| 33 Methyl tert-butyl ether | 73 | 2.361 | 2.361 | 0.000 | 97 | 119057 | 20.0 | 19.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Hexane | 57 | 2.569 | 2.569 | 0.001 | 94 | 87085 | 20.0 | 23.2 | |
| 35 1,1-Dichloroethane | 63 | 2.666 | 2.666 | 0.000 | 99 | 107084 | 20.0 | 22.6 | |
| 36 Vinyl acetate | 86 | 2.733 | 2.727 | 0.006 | 100 | 14404 | 40.0 | 32.1 | |
| 37 2-Chloro-1,3-butadiene | 88 | 2.745 | 2.739 | 0.006 | 91 | 42008 | 20.0 | 19.5 | |
| 38 Isopropyl ether | 45 | 2.758 | 2.757 | 0.001 | 87 | 178152 | 20.0 | 20.9 | |
| 39 Tert-butyl ethyl ether | 87 | 3.062 | 3.062 | 0.000 | 87 | 45645 | 20.0 | 17.1 | |
| * 40 2-Butanone-d5 | 46 | 3.142 | 3.142 | 0.000 | 0 | 284457 | 250.0 | 250.0 | |
| 42 2,2-Dichloropropane | 79 | 3.172 | 3.160 | 0.012 | 61 | 23765 | 20.0 | 19.9 | a |
| 41 cis-1,2-Dichloroethene | 96 | 3.154 | 3.160 | -0.006 | 90 | 54036 | 20.0 | 21.6 | |
| 43 2-Butanone (MEK) | 72 | 3.197 | 3.196 | 0.001 | 98 | 25693 | 100.0 | 84.5 | |
| 44 Propionitrile | 54 | 3.239 | 3.239 | 0.000 | 96 | 62684 | 200.0 | 192.3 | |
| 45 Ethyl acetate | 43 | 3.264 | 3.263 | 0.001 | 98 | 101862 | 40.0 | 38.2 | |
| 62 Methyl acrylate | 55 | 3.282 | 3.282 | 0.000 | 98 | 48252 | 20.0 | 20.7 | |
| 46 Chlorobromomethane | 128 | 3.367 | 3.367 | 0.000 | 95 | 23769 | 20.0 | 21.1 | |
| 47 Methacrylonitrile | 67 | 3.373 | 3.373 | 0.000 | 95 | 172020 | 200.0 | 204.7 | |
| 48 Tetrahydrofuran | 42 | 3.434 | 3.434 | 0.000 | 92 | 28113 | 40.0 | 34.0 | |
| 49 Chloroform | 83 | 3.459 | 3.459 | 0.000 | 97 | 95115 | 20.0 | 22.5 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.605 | 3.605 | 0.000 | 95 | 142267 | 50.0 | 51.0 | |
| 51 1,1,1-Trichloroethane | 97 | 3.617 | 3.611 | 0.006 | 95 | 73235 | 20.0 | 19.5 | |
| 52 Cyclohexane | 84 | 3.672 | 3.666 | 0.006 | 96 | 74225 | 20.0 | 21.3 | |
| 54 1,1-Dichloropropene | 75 | 3.776 | 3.769 | 0.007 | 90 | 70211 | 20.0 | 20.8 | |
| 53 Carbon tetrachloride | 117 | 3.776 | 3.776 | 0.000 | 76 | 61092 | 20.0 | 19.4 | |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 65 | 3.922 | 3.916 | 0.006 | 0 | 183173 | 50.0 | 55.7 | |
| 56 Benzene | 78 | 3.971 | 3.971 | 0.000 | 98 | 212559 | 20.0 | 20.3 | |
| 58 Isobutyl alcohol | 42 | 3.983 | 3.983 | 0.000 | 51 | 35594 | 500.0 | 495.3 | |
| 57 1,2-Dichloroethane | 62 | 3.989 | 3.989 | 0.000 | 96 | 70140 | 20.0 | 21.2 | |
| 73 Isopropyl acetate | 61 | 4.129 | 4.123 | 0.006 | 92 | 14981 | 20.0 | 17.7 | |
| 59 Tert-amyl methyl ether | 73 | 4.129 | 4.129 | 0.000 | 84 | 115712 | 20.0 | 17.8 | |
| * 60 Fluorobenzene | 96 | 4.269 | 4.263 | 0.006 | 98 | 482830 | 50.0 | 50.0 | |
| 61 n-Heptane | 43 | 4.300 | 4.300 | 0.000 | 92 | 95968 | 20.0 | 22.8 | |
| 63 Trichloroethene | 95 | 4.660 | 4.660 | 0.000 | 94 | 49512 | 20.0 | 20.5 | |
| 64 n-Butanol | 43 | 4.702 | 4.702 | 0.000 | 95 | 14478 | 500.0 | 390.2 | |
| 66 Ethyl acrylate | 55 | 4.861 | 4.861 | 0.000 | 92 | 122943 | 20.0 | 19.9 | |
| 65 Methylcyclohexane | 83 | 4.867 | 4.867 | 0.000 | 88 | 83431 | 20.0 | 19.9 | |
| 67 1,2-Dichloropropane | 63 | 4.904 | 4.897 | 0.007 | 93 | 59097 | 20.0 | 22.4 | |
| 68 Dibromomethane | 93 | 5.025 | 5.025 | 0.000 | 95 | 28044 | 20.0 | 19.9 | |
| * 69 1,4-Dioxane-d8 | 96 | 5.056 | 5.056 | 0.000 | 0 | 21322 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.123 | 5.111 | 0.012 | 28 | 9457 | 400.0 | 429.0 | a |
| 71 Methyl methacrylate | 100 | 5.111 | 5.111 | 0.000 | 91 | 16413 | 40.0 | 29.1 | |
| 81 n-Propyl acetate | 43 | 5.202 | 5.208 | -0.006 | 98 | 65690 | 20.0 | 19.9 | |
| 72 Dichlorobromomethane | 83 | 5.239 | 5.239 | 0.000 | 98 | 65575 | 20.0 | 21.1 | |
| 74 2-Nitropropane | 41 | 5.531 | 5.531 | 0.000 | 93 | 19789 | 40.0 | 32.2 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.659 | 5.659 | 0.000 | 90 | 10985 | 20.0 | 15.7 | |
| 76 Epichlorohydrin | 57 | 5.696 | 5.702 | -0.006 | 99 | 71157 | 400.0 | 303.7 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.794 | 5.793 | 0.001 | 98 | 72413 | 20.0 | 16.6 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 6.037 | 6.037 | 0.000 | 98 | 197321 | 100.0 | 77.0 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.123 | 6.123 | 0.000 | 98 | 600508 | 50.0 | 45.3 | |
| 80 Toluene | 91 | 6.208 | 6.202 | 0.006 | 92 | 209371 | 20.0 | 18.5 | |
| 82 trans-1,3-Dichloropropene | 75 | 6.537 | 6.537 | 0.000 | 97 | 59387 | 20.0 | 15.4 | |
| 84 Ethyl methacrylate | 69 | 6.739 | 6.738 | 0.001 | 92 | 40003 | 20.0 | 13.4 | a |
| 83 1,1,2-Trichloroethane | 83 | 6.769 | 6.763 | 0.006 | 93 | 34888 | 20.0 | 19.7 | |
| 85 Tetrachloroethene | 166 | 6.909 | 6.909 | 0.000 | 95 | 48950 | 20.0 | 19.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 86 1,3-Dichloropropane | 76 | 6.964 | 6.964 | 0.000 | 97 | 67029 | 20.0 | 18.2 | |
| 87 2-Hexanone | 43 | 7.129 | 7.129 | 0.000 | 98 | 132034 | 100.0 | 70.7 | |
| 88 Chlorodibromomethane | 129 | 7.214 | 7.214 | 0.000 | 97 | 38479 | 20.0 | 17.0 | |
| 89 Ethylene Dibromide | 107 | 7.312 | 7.305 | 0.007 | 98 | 33342 | 20.0 | 16.0 | |
| 90 n-Butyl acetate | 43 | 7.318 | 7.318 | 0.000 | 97 | 61907 | 20.0 | 15.1 | |
| * 91 Chlorobenzene-d5 | 117 | 7.818 | 7.811 | 0.007 | 90 | 418710 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 7.842 | 7.842 | 0.000 | 90 | 136892 | 20.0 | 20.3 | |
| 93 1,1,1,2-Tetrachloroethane | 131 | 7.940 | 7.939 | 0.001 | 92 | 45828 | 20.0 | 19.0 | |
| 94 Ethylbenzene | 106 | 7.976 | 7.976 | 0.000 | 99 | 71989 | 20.0 | 18.8 | |
| 95 m-Xylene & p-Xylene | 106 | 8.092 | 8.092 | 0.000 | 0 | 84126 | 20.0 | 17.9 | |
| 96 o-Xylene | 106 | 8.446 | 8.445 | 0.001 | 92 | 77359 | 20.0 | 16.8 | |
| 97 Styrene | 104 | 8.458 | 8.458 | 0.000 | 92 | 126591 | 20.0 | 16.4 | |
| 98 n-Butyl acrylate | 73 | 8.482 | 8.482 | 0.000 | 94 | 27901 | 20.0 | 14.4 | |
| 99 Bromoform | 173 | 8.592 | 8.592 | 0.000 | 94 | 26033 | 20.0 | 17.6 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.689 | 8.683 | 0.006 | 92 | 71314 | 20.0 | 16.2 | |
| 102 Isopropylbenzene | 105 | 8.775 | 8.775 | 0.000 | 97 | 216964 | 20.0 | 18.4 | |
| $ 103 4-Bromofluorobenzene | 174 | 8.884 | 8.884 | 0.000 | 87 | 157751 | 50.0 | 48.6 | |
| 104 Bromobenzene | 156 | 8.988 | 8.988 | 0.000 | 94 | 49776 | 20.0 | 20.2 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 9.031 | 9.031 | 0.000 | 98 | 51786 | 20.0 | 21.2 | |
| 105 1,2,3-Trichloropropane | 110 | 9.049 | 9.043 | 0.006 | 97 | 13369 | 20.0 | 20.1 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 9.073 | 9.073 | 0.000 | 84 | 14061 | 20.0 | 17.8 | |
| 108 N-Propylbenzene | 120 | 9.110 | 9.110 | 0.000 | 98 | 50742 | 20.0 | 17.4 | |
| 109 2-Chlorotoluene | 126 | 9.159 | 9.159 | 0.000 | 96 | 45822 | 20.0 | 18.2 | |
| 110 4-Ethyltoluene | 105 | 9.201 | 9.201 | 0.000 | 98 | 196946 | 20.0 | 18.5 | |
| 111 4-Chlorotoluene | 91 | 9.244 | 9.244 | 0.000 | 99 | 182415 | 20.0 | 19.9 | |
| 112 1,3,5-Trimethylbenzene | 105 | 9.256 | 9.256 | 0.000 | 94 | 172294 | 20.0 | 18.9 | |
| 100 Butyl Methacrylate | 87 | 9.366 | 9.366 | 0.000 | 97 | 38850 | 20.0 | 12.8 | |
| 113 tert-Butylbenzene | 119 | 9.500 | 9.500 | 0.000 | 91 | 131061 | 20.0 | 17.5 | |
| 114 1,2,4-Trimethylbenzene | 105 | 9.537 | 9.537 | 0.000 | 99 | 170229 | 20.0 | 18.0 | |
| 115 sec-Butylbenzene | 105 | 9.671 | 9.665 | 0.006 | 98 | 224105 | 20.0 | 19.4 | |
| 116 1,3-Dichlorobenzene | 146 | 9.726 | 9.726 | 0.000 | 93 | 98379 | 20.0 | 20.4 | |
| * 117 1,4-Dichlorobenzene-d4 | 152 | 9.781 | 9.781 | 0.001 | 98 | 201186 | 50.0 | 50.0 | |
| 119 4-Isopropyltoluene | 119 | 9.781 | 9.781 | 0.001 | 97 | 179715 | 20.0 | 18.0 | |
| 118 1,4-Dichlorobenzene | 146 | 9.799 | 9.793 | 0.006 | 96 | 104629 | 20.0 | 21.3 | |
| 120 1,2,3-Trimethylbenzene | 105 | 9.848 | 9.848 | 0.000 | 100 | 179471 | 20.0 | 18.7 | |
| 121 Benzyl chloride | 126 | 9.903 | 9.902 | 0.001 | 96 | 13857 | 20.0 | 14.1 | |
| 122 2,3-Dihydroindene | 117 | 9.982 | 9.982 | 0.000 | 92 | 154701 | 20.0 | 17.4 | |
| 124 p-Diethylbenzene | 119 | 10.061 | 10.061 | 0.000 | 88 | 110258 | 20.0 | 18.2 | |
| 123 1,2-Dichlorobenzene | 146 | 10.061 | 10.061 | 0.000 | 89 | 94509 | 20.0 | 20.8 | |
| 125 n-Butylbenzene | 92 | 10.079 | 10.079 | 0.000 | 98 | 119737 | 20.0 | 21.3 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 10.604 | 10.604 | 0.000 | 96 | 132761 | 20.0 | 14.2 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.616 | 10.616 | 0.000 | 88 | 8244 | 20.0 | 16.4 | |
| 128 1,3,5-Trichlorobenzene | 180 | 10.762 | 10.762 | 0.000 | 95 | 76848 | 20.0 | 19.7 | |
| 129 1,2,4-Trichlorobenzene | 180 | 11.177 | 11.177 | 0.000 | 92 | 63206 | 20.0 | 17.2 | |
| 130 Hexachlorobutadiene | 225 | 11.305 | 11.305 | 0.000 | 90 | 38398 | 20.0 | 20.6 | |
| 131 Naphthalene | 128 | 11.341 | 11.341 | 0.000 | 98 | 105371 | 20.0 | 13.6 | |
| 132 1,2,3-Trichlorobenzene | 180 | 11.518 | 11.518 | 0.000 | 94 | 56905 | 20.0 | 17.4 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 44.5 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 32.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 34.7 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 92.3 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00011 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Dec-2023 14:17:01 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11204.D

Injection Date: 14-Dec-2023 13:52:30 Instrument ID: CVOAMS2 Operator ID:

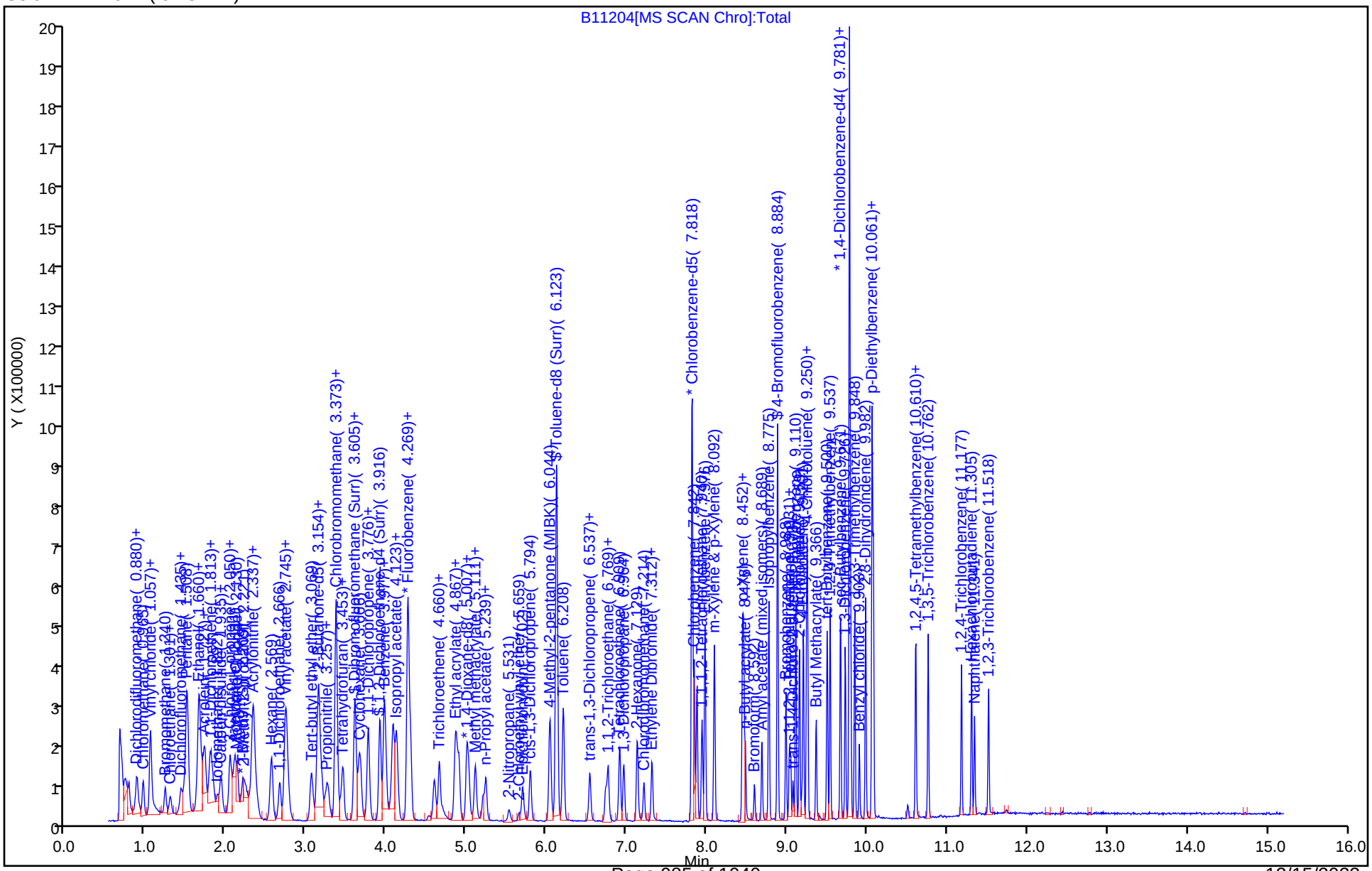
Lims ID: LCSD Worklist Smp#: 32

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11204.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 14-Dec-2023 13:52:30 ALS Bottle#: 20 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0170114-032
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 14:17:01 Calib Date: 16-Nov-2023 22:39:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20231116-169014.b\B10148.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: NN6A Date: 14-Dec-2023 14:17:01

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 51.0 | 102.02 |
| $ 55 1,2-Dichloroethane-d4 (Surr) | 50.0 | 55.7 | 111.42 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 45.3 | 90.65 |
| $ 103 4-Bromofluorobenzene | 50.0 | 48.6 | 97.27 |

Manual Integration/User Assign Peak Report

Eurofins Edison

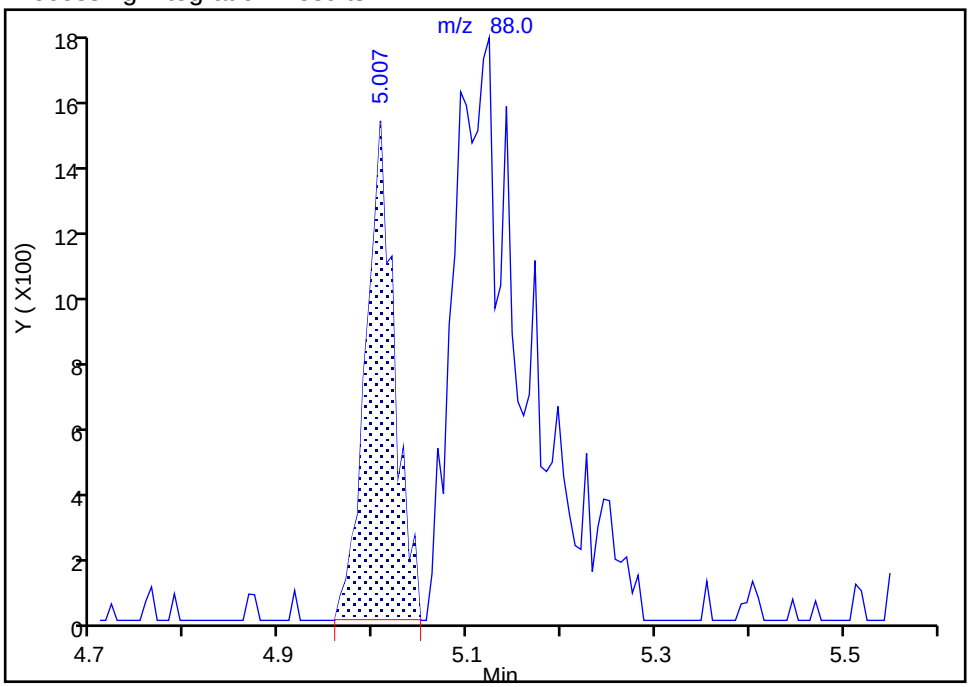
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11204.D
Injection Date: 14-Dec-2023 13:52:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

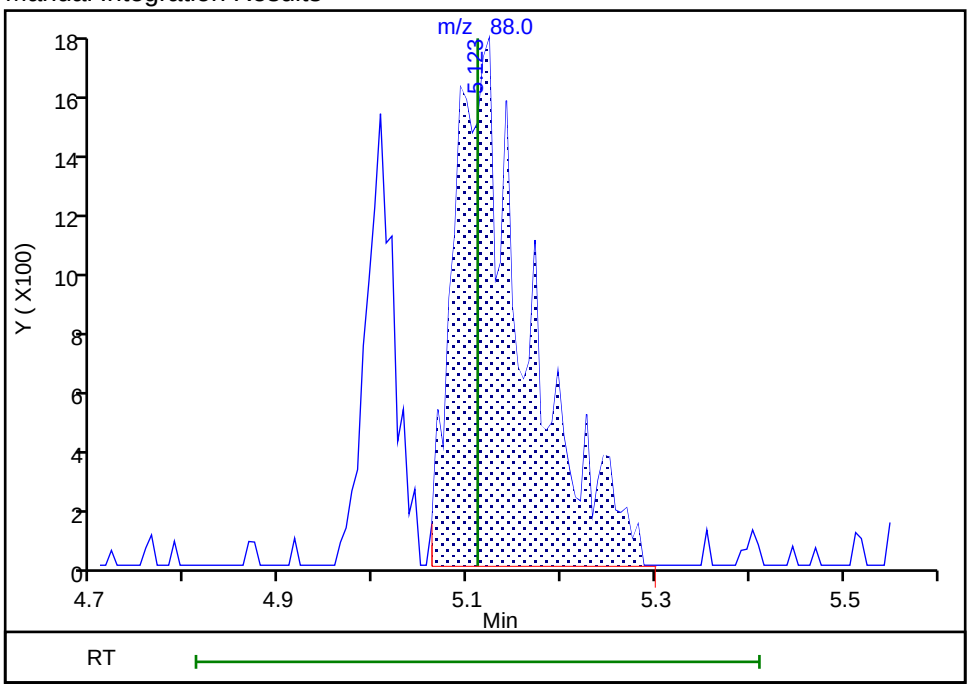
Processing Integration Results

RT: 5.01
Area: 3205
Amount: 145.3886
Amount Units: ug/l




Manual Integration Results

RT: 5.12
Area: 9457
Amount: 428.9985
Amount Units: ug/l




Reviewer: NN6A, 14-Dec-2023 14:16:31 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

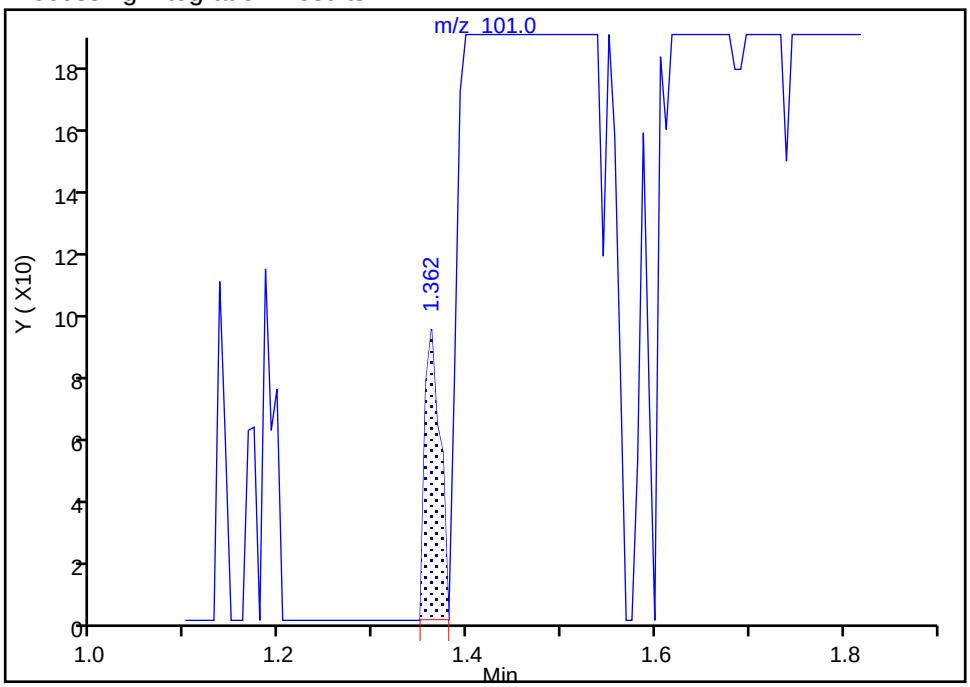
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20231214-170114.b\B11204.D
Injection Date: 14-Dec-2023 13:52:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

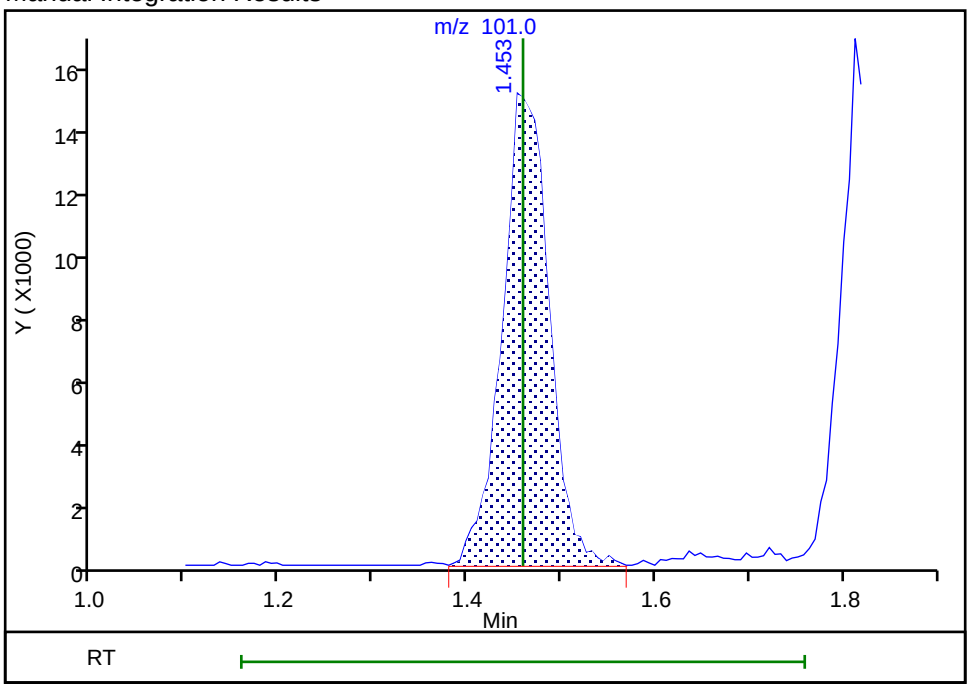
Processing Integration Results

RT: 1.36
Area: 103
Amount: 0.038822
Amount Units: ug/l




Manual Integration Results

RT: 1.45
Area: 51501
Amount: 19.411410
Amount Units: ug/l




Reviewer: NN6A, 14-Dec-2023 14:15:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-3 (11-12) MS | Lab Sample ID: 460-294432-5 MS

Matrix: Solid | Lab File ID: D10446.D

Analysis Method: 8260D | Date Collected: 12/12/2023 11:20

Sample wt/vol: 5.62(g) | Date Analyzed: 12/13/2023 15:54

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) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 17.4 | | 0.91 | 0.21 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 15.9 | | 0.91 | 0.19 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 18.1 | | 0.91 | 0.27 |
| 79-00-5 | 1,1,2-Trichloroethane | 16.2 | | 0.91 | 0.16 |
| 75-34-3 | 1,1-Dichloroethane | 18.4 | | 0.91 | 0.19 |
| 75-35-4 | 1,1-Dichloroethene | 17.2 | | 0.91 | 0.20 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 15.4 | | 0.91 | 0.16 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 15.6 | | 0.91 | 0.32 |
| 78-87-5 | 1,2-Dichloropropane | 17.3 | | 0.91 | 0.38 |
| 541-73-1 | 1,3-Dichlorobenzene | 16.9 | | 0.91 | 0.33 |
| 106-46-7 | 1,4-Dichlorobenzene | 16.6 | | 0.91 | 0.20 |
| 123-91-1 | 1,4-Dioxane | 402 | | 91 | 8.3 |
| 78-93-3 | 2-Butanone (MEK) | 77.8 | | 4.5 | 0.33 |
| 591-78-6 | 2-Hexanone | 85.2 | | 4.5 | 1.5 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 89.0 | | 4.5 | 1.4 |
| 67-64-1 | Acetone | 77.4 | | 5.4 | 5.2 |
| 71-43-2 | Benzene | 17.3 | | 0.91 | 0.23 |
| 75-25-2 | Bromoform | 14.1 | | 0.91 | 0.38 |
| 74-83-9 | Bromomethane | 16.0 | | 1.8 | 0.91 |
| 75-15-0 | Carbon disulfide | 16.1 | | 0.91 | 0.24 |
| 56-23-5 | Carbon tetrachloride | 17.3 | | 0.91 | 0.35 |
| 108-90-7 | Chlorobenzene | 16.6 | | 0.91 | 0.16 |
| 74-97-5 | Chlorobromomethane | 17.9 | | 0.91 | 0.25 |
| 124-48-1 | Chlorodibromomethane | 15.8 | | 0.91 | 0.18 |
| 75-00-3 | Chloroethane | 17.1 | | 0.91 | 0.47 |
| 67-66-3 | Chloroform | 17.5 | | 0.91 | 0.88 |
| 74-87-3 | Chloromethane | 15.3 | | 0.91 | 0.39 |
| 156-59-2 | cis-1,2-Dichloroethene | 17.0 | | 0.91 | 0.32 |
| 10061-01-5 | cis-1,3-Dichloropropene | 16.9 | | 0.91 | 0.25 |
| 110-82-7 | Cyclohexane | 16.9 | | 0.91 | 0.20 |
| 75-27-4 | Dichlorobromomethane | 16.9 | | 0.91 | 0.23 |
| 75-71-8 | Dichlorodifluoromethane | 15.2 | | 0.91 | 0.31 |
| 100-41-4 | Ethylbenzene | 16.8 | | 0.91 | 0.18 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-3 (11-12) MS | Lab Sample ID: 460-294432-5 MS

Matrix: Solid | Lab File ID: D10446.D

Analysis Method: 8260D | Date Collected: 12/12/2023 11:20

Sample wt/vol: 5.62(g) | Date Analyzed: 12/13/2023 15:54

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) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 15.3 | | 0.91 | 0.16 |
| 98-82-8 | Isopropylbenzene | 16.9 | | 0.91 | 0.26 |
| 79-20-9 | Methyl acetate | 28.2 | | 4.5 | 3.9 |
| 1634-04-4 | Methyl tert-butyl ether | 16.4 | | 0.91 | 0.46 |
| 108-87-2 | Methylcyclohexane | 16.7 | | 0.91 | 0.45 |
| 75-09-2 | Methylene Chloride | 16.5 | | 1.8 | 1.0 |
| 179601-23-1 | m-Xylene & p-Xylene | 16.8 | | 0.91 | 0.16 |
| 95-47-6 | o-Xylene | 17.0 | | 0.91 | 0.18 |
| 100-42-5 | Styrene | 16.8 | | 0.91 | 0.25 |
| 127-18-4 | Tetrachloroethene | 16.4 | | 0.91 | 0.28 |
| 108-88-3 | Toluene | 16.9 | | 0.91 | 0.21 |
| 156-60-5 | trans-1,2-Dichloroethene | 17.1 | | 0.91 | 0.22 |
| 10061-02-6 | trans-1,3-Dichloropropene | 16.1 | | 0.91 | 0.24 |
| 79-01-6 | Trichloroethene | 16.4 | | 0.91 | 0.29 |
| 75-69-4 | Trichlorofluoromethane | 16.5 | | 0.91 | 0.37 |
| 75-01-4 | Vinyl chloride | 17.1 | | 0.91 | 0.49 |
| 107-06-2 | 1,2-Dichloroethane | 16.3 | | 0.91 | 0.27 |
| 95-50-1 | 1,2-Dichlorobenzene | 16.7 | | 0.91 | 0.33 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 13.5 | | 0.91 | 0.42 |
| 108-21-4 | Isopropyl acetate | 15.1 | | 1.8 | 0.28 |
| 123-86-4 | n-Butyl acetate | 13.4 | | 1.8 | 0.84 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 109 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 105 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 107 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10446.D
Lims ID: 460-294432-C-5-B MS
Client ID: SB-3 (11-12)
Sample Type: MS
Inject. Date: 13-Dec-2023 15:54:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-5-B MS
Misc. Info.: 460-0170079-019
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:30:35 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:19:06

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.363 | 1.363 | 0.000 | 88 | 29027 | 20.0 | 11.2 | |
| 2 Dichlorodifluoromethane | 85 | 1.399 | 1.399 | 0.000 | 99 | 131458 | 20.0 | 16.8 | |
| 3 Chlorodifluoromethane | 51 | 1.428 | 1.428 | 0.000 | 97 | 189461 | 20.0 | 16.4 | |
| 4 Chloromethane | 50 | 1.600 | 1.593 | 0.007 | 99 | 131522 | 20.0 | 16.9 | |
| 5 Vinyl chloride | 62 | 1.693 | 1.693 | 0.000 | 100 | 134033 | 20.0 | 18.8 | |
| 6 Butadiene | 54 | 1.721 | 1.721 | 0.000 | 98 | 130006 | 20.0 | 19.3 | |
| 7 Bromomethane | 94 | 2.022 | 2.015 | 0.007 | 98 | 66016 | 20.0 | 17.6 | |
| 8 Chloroethane | 64 | 2.123 | 2.123 | 0.000 | 100 | 72785 | 20.0 | 18.9 | |
| 10 Dichlorofluoromethane | 67 | 2.337 | 2.338 | -0.001 | 99 | 208702 | 20.0 | 18.8 | |
| 9 Trichlorofluoromethane | 101 | 2.337 | 2.338 | -0.001 | 98 | 152023 | 20.0 | 18.3 | |
| 11 Pentane | 72 | 2.388 | 2.388 | 0.000 | 96 | 39604 | 40.0 | 35.7 | |
| 12 Ethanol | 46 | 2.588 | 2.595 | -0.007 | 96 | 14020 | 800.0 | 795.3 | a |
| 13 Ethyl ether | 59 | 2.624 | 2.624 | 0.000 | 97 | 69103 | 20.0 | 17.8 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.638 | 2.638 | 0.000 | 98 | 104898 | 20.0 | 19.0 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.696 | 2.696 | 0.000 | 92 | 88728 | 20.0 | 20.2 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.760 | 2.760 | 0.000 | 97 | 164877 | 20.0 | 20.5 | |
| 18 Acrolein | 56 | 2.825 | 2.825 | 0.000 | 98 | 133316 | 300.0 | 172.3 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.825 | 2.825 | 0.000 | 91 | 109695 | 20.0 | 20.0 | |
| 19 1,1-Dichloroethene | 96 | 2.853 | 2.853 | 0.000 | 96 | 94824 | 20.0 | 19.0 | |
| 20 Acetone | 43 | 2.975 | 2.975 | 0.000 | 86 | 96431 | 100.0 | 85.5 | |
| 21 Iodomethane | 142 | 3.025 | 3.025 | 0.000 | 99 | 99430 | 20.0 | 15.5 | |
| 22 Carbon disulfide | 76 | 3.054 | 3.054 | 0.000 | 99 | 331711 | 20.0 | 17.7 | |
| 23 Isopropyl alcohol | 45 | 3.097 | 3.097 | 0.000 | 98 | 39930 | 200.0 | 191.1 | |
| 24 3-Chloro-1-propene | 76 | 3.240 | 3.240 | 0.000 | 90 | 36236 | 20.0 | 18.0 | |
| 25 Cyclopentene | 67 | 3.254 | 3.254 | 0.000 | 94 | 227295 | 20.0 | 18.6 | |
| 26 Methyl acetate | 43 | 3.269 | 3.269 | 0.000 | 100 | 71887 | 40.0 | 31.2 | |
| 27 Acetonitrile | 40 | 3.326 | 3.326 | 0.000 | 99 | 39139 | 200.0 | 153.3 | |
| 28 Methylene Chloride | 84 | 3.398 | 3.398 | 0.000 | 97 | 98072 | 20.0 | 18.2 | |
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 145052 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.491 | 3.491 | 0.000 | 99 | 57916 | 200.0 | 209.5 | |
| 31 Methyl tert-butyl ether | 73 | 3.591 | 3.591 | 0.000 | 98 | 208971 | 20.0 | 18.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 trans-1,2-Dichloroethene | 96 | 3.620 | 3.620 | 0.000 | 98 | 102490 | 20.0 | 18.8 | |
| 33 Acrylonitrile | 53 | 3.720 | 3.720 | 0.000 | 93 | 198431 | 200.0 | 195.7 | |
| 34 Hexane | 57 | 3.820 | 3.820 | 0.000 | 94 | 167299 | 20.0 | 17.9 | |
| 35 Isopropyl ether | 45 | 4.085 | 4.085 | 0.000 | 99 | 308013 | 20.0 | 19.0 | |
| 36 1,1-Dichloroethane | 63 | 4.107 | 4.107 | 0.000 | 99 | 190414 | 20.0 | 20.3 | |
| 37 Vinyl acetate | 86 | 4.143 | 4.143 | 0.000 | 100 | 15920 | 40.0 | 25.9 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.157 | 4.157 | 0.000 | 92 | 90280 | 20.0 | 18.8 | |
| 39 Tert-butyl ethyl ether | 59 | 4.472 | 4.472 | 0.000 | 88 | 253011 | 20.0 | 18.4 | |
| 40 2,2-Dichloropropane | 79 | 4.701 | 4.701 | 0.000 | 94 | 42546 | 20.0 | 21.8 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 94 | 120048 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.737 | 4.737 | 0.000 | 97 | 102939 | 20.0 | 18.8 | |
| 43 2-Butanone (MEK) | 72 | 4.773 | 4.773 | 0.000 | 99 | 31423 | 100.0 | 86.0 | |
| 44 Ethyl acetate | 70 | 4.794 | 4.794 | 0.000 | 98 | 11803 | 40.0 | 38.0 | |
| 45 Methyl acrylate | 55 | 4.852 | 4.852 | 0.000 | 99 | 51046 | 20.0 | 14.8 | |
| 46 Propionitrile | 54 | 4.938 | 4.938 | 0.000 | 98 | 74155 | 200.0 | 188.5 | |
| 47 Tetrahydrofuran | 72 | 5.009 | 5.009 | 0.000 | 95 | 13429 | 40.0 | 37.7 | |
| 48 Chlorobromomethane | 128 | 5.016 | 5.016 | 0.000 | 92 | 36982 | 20.0 | 19.8 | |
| 49 Methacrylonitrile | 67 | 5.059 | 5.059 | 0.000 | 93 | 232385 | 200.0 | 154.7 | |
| 50 Chloroform | 83 | 5.095 | 5.095 | 0.000 | 99 | 170457 | 20.0 | 19.4 | |
| 51 Cyclohexane | 84 | 5.224 | 5.224 | 0.000 | 93 | 151880 | 20.0 | 18.6 | |
| 52 1,1,1-Trichloroethane | 97 | 5.253 | 5.253 | 0.000 | 99 | 147135 | 20.0 | 19.2 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.281 | 5.282 | -0.001 | 96 | 217340 | 50.0 | 52.7 | |
| 54 Carbon tetrachloride | 117 | 5.396 | 5.396 | 0.000 | 98 | 113588 | 20.0 | 19.1 | |
| 55 1,1-Dichloropropene | 75 | 5.439 | 5.439 | 0.000 | 97 | 145934 | 20.0 | 18.7 | |
| 56 Isobutyl alcohol | 43 | 5.647 | 5.647 | 0.000 | 92 | 126386 | 500.0 | 504.3 | |
| 57 Benzene | 78 | 5.683 | 5.683 | 0.000 | 98 | 390230 | 20.0 | 19.1 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 99 | 207020 | 50.0 | 47.3 | |
| 59 Tert-amyl methyl ether | 87 | 5.783 | 5.783 | 0.000 | 92 | 59187 | 20.0 | 16.7 | |
| 60 Isopropyl acetate | 61 | 5.797 | 5.797 | 0.000 | 99 | 34432 | 20.0 | 16.7 | |
| 61 1,2-Dichloroethane | 62 | 5.804 | 5.804 | 0.000 | 97 | 102758 | 20.0 | 18.1 | |
| 62 n-Heptane | 43 | 5.905 | 5.905 | 0.000 | 94 | 163105 | 20.0 | 17.4 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 532822 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.471 | 6.471 | 0.000 | 90 | 34415 | 500.0 | 437.6 | |
| 65 Trichloroethene | 95 | 6.485 | 6.485 | 0.000 | 98 | 98178 | 20.0 | 18.1 | |
| 66 Methylcyclohexane | 83 | 6.628 | 6.628 | 0.000 | 96 | 177747 | 20.0 | 18.5 | |
| 67 Ethyl acrylate | 55 | 6.671 | 6.671 | 0.000 | 97 | 69973 | 20.0 | 15.0 | M |
| 68 1,2-Dichloropropane | 63 | 6.836 | 6.836 | 0.000 | 92 | 98039 | 20.0 | 19.2 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.907 | 6.908 | -0.001 | 0 | 12368 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.958 | 6.958 | 0.000 | 91 | 27301 | 40.0 | 29.7 | |
| 71 1,4-Dioxane | 88 | 6.965 | 6.965 | 0.000 | 91 | 12509 | 400.0 | 443.7 | |
| 72 Dibromomethane | 93 | 6.979 | 6.979 | 0.000 | 95 | 43555 | 20.0 | 18.6 | |
| 73 n-Propyl acetate | 43 | 7.022 | 7.022 | 0.000 | 99 | 74317 | 20.0 | 14.7 | |
| 74 Dichlorobromomethane | 83 | 7.151 | 7.151 | 0.000 | 99 | 109753 | 20.0 | 18.7 | |
| 75 2-Nitropropane | 41 | 7.502 | 7.502 | 0.000 | 98 | 21668 | 40.0 | 27.8 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.516 | 7.516 | 0.000 | 96 | 36075 | 20.0 | 17.4 | |
| 77 Epichlorohydrin | 57 | 7.602 | 7.602 | 0.000 | 98 | 40836 | 400.0 | 553.3 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.652 | 7.652 | 0.000 | 93 | 135502 | 20.0 | 18.7 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.817 | 7.817 | 0.000 | 98 | 246728 | 100.0 | 98.3 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.875 | 7.875 | -0.001 | 99 | 828639 | 50.0 | 53.3 | |
| 81 Toluene | 91 | 7.939 | 7.939 | 0.000 | 93 | 383478 | 20.0 | 18.7 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.240 | 8.240 | 0.000 | 95 | 107799 | 20.0 | 17.8 | |
| 83 Ethyl methacrylate | 69 | 8.276 | 8.276 | 0.000 | 91 | 69388 | 20.0 | 15.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 1,1,2-Trichloroethane | 83 | 8.412 | 8.412 | 0.000 | 95 | 53355 | 20.0 | 17.9 | |
| 85 Tetrachloroethene | 166 | 8.440 | 8.440 | 0.000 | 97 | 91134 | 20.0 | 18.2 | |
| 86 1,3-Dichloropropane | 76 | 8.569 | 8.569 | 0.000 | 94 | 106875 | 20.0 | 17.7 | |
| 87 2-Hexanone | 43 | 8.619 | 8.619 | 0.000 | 98 | 169363 | 100.0 | 94.1 | |
| 88 n-Butyl acetate | 73 | 8.705 | 8.713 | -0.008 | 99 | 13062 | 20.0 | 14.8 | |
| 89 Chlorodibromomethane | 129 | 8.741 | 8.741 | 0.000 | 99 | 67242 | 20.0 | 17.5 | |
| 90 Ethylene Dibromide | 107 | 8.849 | 8.849 | 0.000 | 99 | 55047 | 20.0 | 16.9 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 341252 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.257 | 9.257 | 0.000 | 94 | 222566 | 20.0 | 18.3 | |
| 93 Ethylbenzene | 106 | 9.321 | 9.321 | 0.000 | 99 | 126011 | 20.0 | 18.5 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.329 | 9.336 | -0.007 | 97 | 71615 | 20.0 | 18.1 | |
| 95 m-Xylene & p-Xylene | 106 | 9.422 | 9.422 | 0.000 | 0 | 154047 | 20.0 | 18.5 | |
| 96 n-Butyl acrylate | 73 | 9.723 | 9.723 | 0.000 | 96 | 37027 | 20.0 | 15.6 | |
| 97 o-Xylene | 106 | 9.751 | 9.751 | 0.000 | 93 | 146950 | 20.0 | 18.7 | |
| 98 Styrene | 104 | 9.773 | 9.773 | 0.000 | 94 | 232293 | 20.0 | 18.6 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.902 | 9.902 | 0.000 | 90 | 78871 | 20.0 | 14.4 | |
| 100 Bromoform | 173 | 9.945 | 9.945 | 0.000 | 94 | 36968 | 20.0 | 15.6 | |
| 101 Isopropylbenzene | 105 | 10.031 | 10.031 | 0.000 | 96 | 391409 | 20.0 | 18.7 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 225832 | 50.0 | 54.4 | |
| 103 Bromobenzene | 156 | 10.303 | 10.303 | 0.000 | 97 | 84502 | 20.0 | 18.3 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.324 | 10.324 | 0.000 | 99 | 69694 | 20.0 | 17.6 | |
| 105 N-Propylbenzene | 91 | 10.353 | 10.353 | 0.000 | 99 | 497374 | 20.0 | 19.5 | |
| 106 1,2,3-Trichloropropane | 110 | 10.367 | 10.367 | 0.000 | 93 | 17586 | 20.0 | 16.5 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.374 | 10.374 | 0.000 | 80 | 20444 | 20.0 | 16.6 | |
| 108 4-Ethyltoluene | 105 | 10.439 | 10.439 | 0.000 | 98 | 389453 | 20.0 | 18.9 | |
| 109 2-Chlorotoluene | 91 | 10.439 | 10.439 | 0.000 | 95 | 320011 | 20.0 | 18.9 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.489 | 10.489 | 0.000 | 94 | 336823 | 20.0 | 19.2 | |
| 111 4-Chlorotoluene | 91 | 10.532 | 10.532 | 0.000 | 98 | 293602 | 20.0 | 19.2 | |
| 112 Butyl Methacrylate | 87 | 10.546 | 10.546 | 0.000 | 94 | 83183 | 20.0 | 18.2 | |
| 113 tert-Butylbenzene | 119 | 10.725 | 10.725 | 0.000 | 93 | 282170 | 20.0 | 18.6 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.768 | 10.768 | 0.000 | 98 | 323463 | 20.0 | 18.8 | |
| 115 sec-Butylbenzene | 105 | 10.883 | 10.883 | 0.000 | 99 | 439114 | 20.0 | 19.0 | |
| 116 4-Isopropyltoluene | 119 | 10.990 | 10.990 | 0.000 | 98 | 355197 | 20.0 | 18.9 | |
| 117 1,3-Dichlorobenzene | 146 | 11.005 | 11.005 | 0.000 | 95 | 169714 | 20.0 | 18.7 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 96 | 176446 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.076 | 11.076 | 0.000 | 93 | 168448 | 20.0 | 18.3 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.084 | 11.084 | 0.000 | 99 | 325663 | 20.0 | 18.8 | |
| 121 Benzyl chloride | 126 | 11.184 | 11.184 | 0.000 | 99 | 21885 | 20.0 | 11.8 | |
| 122 2,3-Dihydroindene | 117 | 11.234 | 11.234 | 0.000 | 94 | 324473 | 20.0 | 18.4 | |
| 123 p-Diethylbenzene | 119 | 11.263 | 11.263 | 0.000 | 93 | 233698 | 20.0 | 18.3 | |
| 124 n-Butylbenzene | 92 | 11.284 | 11.284 | 0.000 | 98 | 203414 | 20.0 | 18.9 | |
| 125 1,2-Dichlorobenzene | 146 | 11.349 | 11.349 | 0.000 | 96 | 152908 | 20.0 | 18.4 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.879 | 11.879 | 0.000 | 97 | 294889 | 20.0 | 18.4 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.986 | 11.986 | 0.000 | 97 | 11440 | 20.0 | 14.9 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.108 | 12.108 | 0.000 | 97 | 119050 | 20.0 | 17.7 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.724 | 12.724 | 0.000 | 94 | 96102 | 20.0 | 17.2 | |
| 130 Hexachlorobutadiene | 225 | 12.831 | 12.831 | 0.000 | 91 | 54095 | 20.0 | 16.2 | |
| 131 Naphthalene | 128 | 13.003 | 13.003 | 0.000 | 99 | 180854 | 20.0 | 16.0 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.283 | 13.283 | 0.000 | 95 | 82868 | 20.0 | 17.0 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.6 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 36.4 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 37.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 93.6 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00002 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00561 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent |

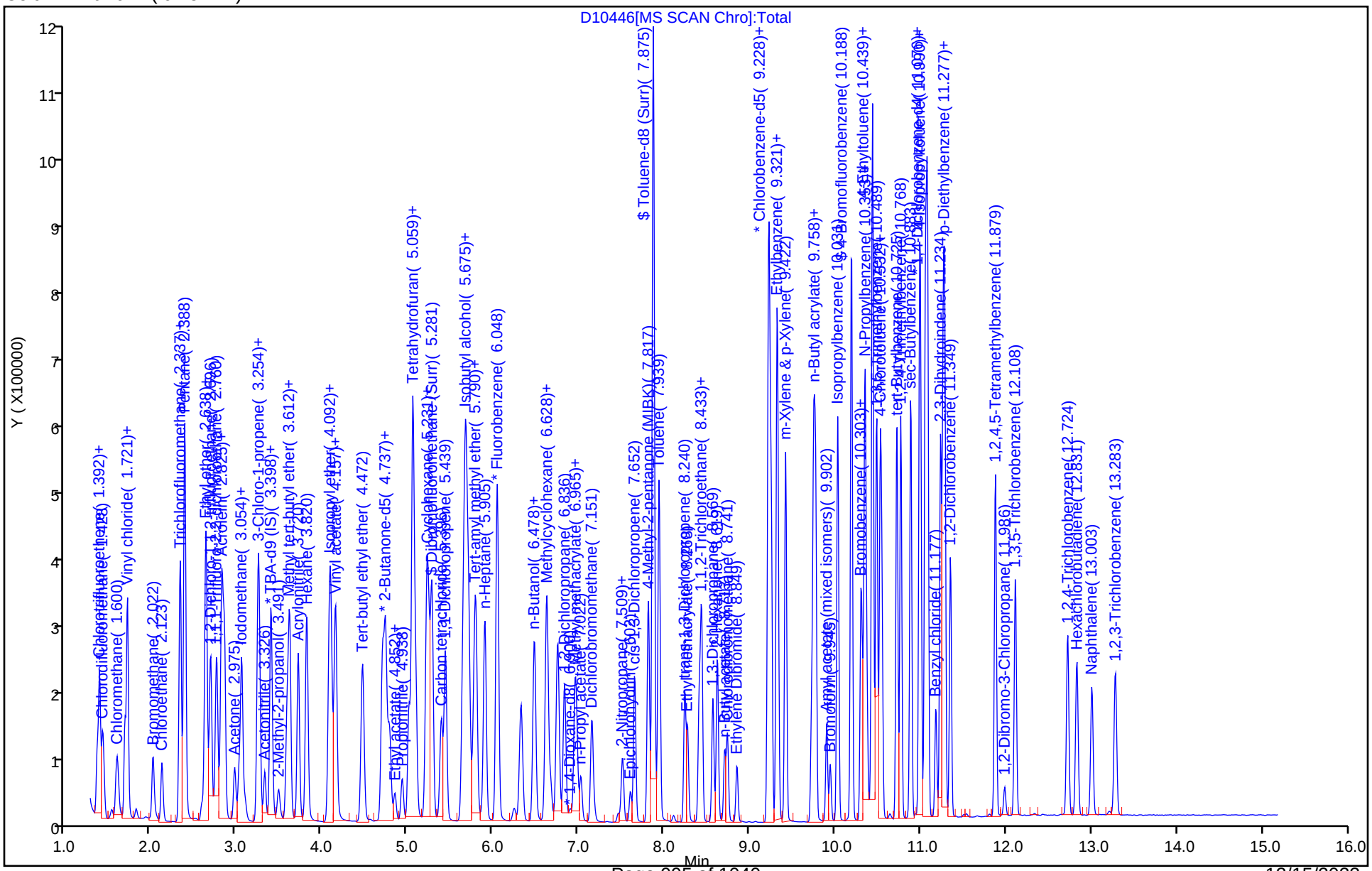
Report Date: 14-Dec-2023 11:30:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10446.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Dec-2023 15:54:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-294432-C-5-B MS | | | Worklist Smp#: | 19 |
| Client ID: | SB-3 (11-12) | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 19 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10446.D | | | | |
| Lims ID: | 460-294432-C-5-B MS | | | | |
| Client ID: | SB-3 (11-12) | | | | |
| Sample Type: | MS | | | | |
| Inject. Date: | 13-Dec-2023 15:54:30 | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-294432-C-5-B MS | | | | |
| Misc. Info.: | 460-0170079-019 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS4 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 14-Dec-2023 11:30:35 | Calib Date: | 07-Dec-2023 11:06:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D | | | | |
| Column 1 : | Rtx-624 ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1654 | | | | |

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:19:06

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 52.7 | 105.35 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.3 | 94.55 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 53.3 | 106.66 |
| $ 102 4-Bromofluorobenzene | 50.0 | 54.4 | 108.71 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-3 (11-12) MSD | Lab Sample ID: 460-294432-5 MSD

Matrix: Solid | Lab File ID: D10447.D

Analysis Method: 8260D | Date Collected: 12/12/2023 11:20

Sample wt/vol: 6.40(g) | Date Analyzed: 12/13/2023 16:17

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) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 14.1 | | 0.80 | 0.19 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 13.5 | | 0.80 | 0.17 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 14.4 | | 0.80 | 0.24 |
| 79-00-5 | 1,1,2-Trichloroethane | 13.4 | | 0.80 | 0.14 |
| 75-34-3 | 1,1-Dichloroethane | 15.2 | | 0.80 | 0.16 |
| 75-35-4 | 1,1-Dichloroethene | 13.9 | | 0.80 | 0.18 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 13.0 | | 0.80 | 0.14 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 12.9 | | 0.80 | 0.28 |
| 78-87-5 | 1,2-Dichloropropane | 14.6 | | 0.80 | 0.34 |
| 541-73-1 | 1,3-Dichlorobenzene | 14.1 | | 0.80 | 0.29 |
| 106-46-7 | 1,4-Dichlorobenzene | 14.0 | | 0.80 | 0.18 |
| 123-91-1 | 1,4-Dioxane | 356 | | 80 | 7.3 |
| 78-93-3 | 2-Butanone (MEK) | 64.0 | | 4.0 | 0.29 |
| 591-78-6 | 2-Hexanone | 69.8 | | 4.0 | 1.4 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 72.6 | | 4.0 | 1.2 |
| 67-64-1 | Acetone | 63.6 | | 4.8 | 4.5 |
| 71-43-2 | Benzene | 14.3 | | 0.80 | 0.21 |
| 75-25-2 | Bromoform | 11.9 | | 0.80 | 0.34 |
| 74-83-9 | Bromomethane | 14.0 | | 1.6 | 0.80 |
| 75-15-0 | Carbon disulfide | 13.2 | | 0.80 | 0.21 |
| 56-23-5 | Carbon tetrachloride | 14.4 | | 0.80 | 0.31 |
| 108-90-7 | Chlorobenzene | 13.9 | | 0.80 | 0.14 |
| 74-97-5 | Chlorobromomethane | 15.1 | | 0.80 | 0.22 |
| 124-48-1 | Chlorodibromomethane | 13.4 | | 0.80 | 0.15 |
| 75-00-3 | Chloroethane | 15.5 | | 0.80 | 0.42 |
| 67-66-3 | Chloroform | 14.5 | | 0.80 | 0.77 |
| 74-87-3 | Chloromethane | 13.8 | | 0.80 | 0.35 |
| 156-59-2 | cis-1,2-Dichloroethene | 14.3 | | 0.80 | 0.28 |
| 10061-01-5 | cis-1,3-Dichloropropene | 14.2 | | 0.80 | 0.22 |
| 110-82-7 | Cyclohexane | 13.6 | | 0.80 | 0.18 |
| 75-27-4 | Dichlorobromomethane | 14.3 | | 0.80 | 0.20 |
| 75-71-8 | Dichlorodifluoromethane | 13.4 | | 0.80 | 0.27 |
| 100-41-4 | Ethylbenzene | 13.8 | | 0.80 | 0.16 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-294432-1

SDG No.:

Client Sample ID: SB-3 (11-12) MSD | Lab Sample ID: 460-294432-5 MSD

Matrix: Solid | Lab File ID: D10447.D

Analysis Method: 8260D | Date Collected: 12/12/2023 11:20

Sample wt/vol: 6.40(g) | Date Analyzed: 12/13/2023 16:17

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) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 949644 | Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 106-93-4 | Ethylene Dibromide | 13.1 | | 0.80 | 0.14 |
| 98-82-8 | Isopropylbenzene | 14.0 | | 0.80 | 0.23 |
| 79-20-9 | Methyl acetate | 24.5 | | 4.0 | 3.4 |
| 1634-04-4 | Methyl tert-butyl ether | 13.9 | | 0.80 | 0.41 |
| 108-87-2 | Methylcyclohexane | 13.5 | | 0.80 | 0.40 |
| 75-09-2 | Methylene Chloride | 13.8 | | 1.6 | 0.91 |
| 179601-23-1 | m-Xylene & p-Xylene | 13.8 | | 0.80 | 0.14 |
| 95-47-6 | o-Xylene | 14.1 | | 0.80 | 0.15 |
| 100-42-5 | Styrene | 14.0 | | 0.80 | 0.22 |
| 127-18-4 | Tetrachloroethene | 13.3 | | 0.80 | 0.24 |
| 108-88-3 | Toluene | 13.9 | | 0.80 | 0.19 |
| 156-60-5 | trans-1,2-Dichloroethene | 13.9 | | 0.80 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | 13.7 | | 0.80 | 0.21 |
| 79-01-6 | Trichloroethene | 13.5 | | 0.80 | 0.26 |
| 75-69-4 | Trichlorofluoromethane | 14.9 | | 0.80 | 0.32 |
| 75-01-4 | Vinyl chloride | 15.2 | | 0.80 | 0.43 |
| 107-06-2 | 1,2-Dichloroethane | 13.8 | | 0.80 | 0.24 |
| 95-50-1 | 1,2-Dichlorobenzene | 14.0 | | 0.80 | 0.29 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 11.3 | | 0.80 | 0.37 |
| 108-21-4 | Isopropyl acetate | 12.9 | | 1.6 | 0.24 |
| 123-86-4 | n-Butyl acetate | 11.0 | | 1.6 | 0.73 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96 | | 72-138 |
| 460-00-4 | 4-Bromofluorobenzene | 110 | | 63-139 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 105 | | 54-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 107 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10447.D
Lims ID: 460-294432-C-5-C MSD
Client ID: SB-3 (11-12)
Sample Type: MSD
Inject. Date: 13-Dec-2023 16:17:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-5-C MSD
Misc. Info.: 460-0170079-020
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:30:35 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:19:24

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.363 | 1.363 | 0.000 | 96 | 24942 | 20.0 | 9.45 | |
| 2 Dichlorodifluoromethane | 85 | 1.392 | 1.399 | -0.007 | 99 | 133683 | 20.0 | 16.8 | |
| 3 Chlorodifluoromethane | 51 | 1.435 | 1.428 | 0.007 | 97 | 169888 | 20.0 | 14.0 | |
| 4 Chloromethane | 50 | 1.600 | 1.593 | 0.007 | 99 | 137201 | 20.0 | 17.3 | |
| 5 Vinyl chloride | 62 | 1.693 | 1.693 | 0.000 | 99 | 137719 | 20.0 | 19.1 | |
| 6 Butadiene | 54 | 1.721 | 1.721 | 0.000 | 98 | 133916 | 20.0 | 19.5 | |
| 7 Bromomethane | 94 | 2.015 | 2.015 | 0.000 | 98 | 67152 | 20.0 | 17.6 | |
| 8 Chloroethane | 64 | 2.123 | 2.123 | 0.000 | 100 | 76202 | 20.0 | 19.5 | |
| 10 Dichlorofluoromethane | 67 | 2.337 | 2.338 | -0.001 | 99 | 218237 | 20.0 | 19.4 | |
| 9 Trichlorofluoromethane | 101 | 2.337 | 2.338 | -0.001 | 98 | 158196 | 20.0 | 18.7 | |
| 11 Pentane | 72 | 2.388 | 2.388 | 0.000 | 95 | 37994 | 40.0 | 33.7 | |
| 12 Ethanol | 46 | 2.588 | 2.595 | -0.007 | 96 | 13573 | 800.0 | 769.3 | a |
| 13 Ethyl ether | 59 | 2.624 | 2.624 | 0.000 | 97 | 67402 | 20.0 | 17.1 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.638 | 2.638 | 0.000 | 98 | 98716 | 20.0 | 17.6 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.696 | 2.696 | 0.000 | 93 | 78678 | 20.0 | 17.6 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.760 | 2.760 | 0.000 | 97 | 144803 | 20.0 | 17.7 | |
| 18 Acrolein | 56 | 2.825 | 2.825 | 0.000 | 97 | 133026 | 300.0 | 169.2 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.825 | 2.825 | 0.000 | 93 | 101440 | 20.0 | 18.2 | |
| 19 1,1-Dichloroethene | 96 | 2.853 | 2.853 | 0.000 | 96 | 88889 | 20.0 | 17.5 | |
| 20 Acetone | 43 | 2.975 | 2.975 | 0.000 | 86 | 95269 | 100.0 | 80.0 | |
| 21 Iodomethane | 142 | 3.025 | 3.025 | 0.000 | 99 | 100033 | 20.0 | 15.3 | |
| 22 Carbon disulfide | 76 | 3.054 | 3.054 | 0.000 | 99 | 314224 | 20.0 | 16.5 | |
| 23 Isopropyl alcohol | 45 | 3.097 | 3.097 | 0.000 | 98 | 38929 | 200.0 | 186.1 | |
| 24 3-Chloro-1-propene | 76 | 3.240 | 3.240 | 0.000 | 90 | 33411 | 20.0 | 16.3 | |
| 25 Cyclopentene | 67 | 3.254 | 3.254 | 0.000 | 93 | 212820 | 20.0 | 17.1 | |
| 26 Methyl acetate | 43 | 3.269 | 3.269 | 0.000 | 99 | 72157 | 40.0 | 30.8 | |
| 27 Acetonitrile | 40 | 3.326 | 3.326 | 0.000 | 99 | 37820 | 200.0 | 145.7 | |
| 28 Methylene Chloride | 84 | 3.398 | 3.398 | 0.000 | 96 | 95125 | 20.0 | 17.4 | |
| * 29 TBA-d9 (IS) | 65 | 3.405 | 3.405 | 0.000 | 0 | 145170 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.491 | 3.491 | 0.000 | 98 | 54260 | 200.0 | 196.1 | |
| 31 Methyl tert-butyl ether | 73 | 3.591 | 3.591 | 0.000 | 97 | 205305 | 20.0 | 17.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 trans-1,2-Dichloroethene | 96 | 3.620 | 3.620 | 0.000 | 98 | 96386 | 20.0 | 17.4 | |
| 33 Acrylonitrile | 53 | 3.720 | 3.720 | 0.000 | 94 | 194525 | 200.0 | 191.7 | |
| 34 Hexane | 57 | 3.813 | 3.820 | -0.007 | 94 | 158302 | 20.0 | 16.7 | |
| 35 Isopropyl ether | 45 | 4.085 | 4.085 | 0.000 | 99 | 302330 | 20.0 | 18.3 | |
| 36 1,1-Dichloroethane | 63 | 4.107 | 4.107 | 0.000 | 99 | 181910 | 20.0 | 19.1 | |
| 37 Vinyl acetate | 86 | 4.143 | 4.143 | 0.000 | 100 | 15945 | 40.0 | 25.6 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.157 | 4.157 | 0.000 | 92 | 84758 | 20.0 | 17.3 | |
| 39 Tert-butyl ethyl ether | 59 | 4.472 | 4.472 | 0.000 | 88 | 251064 | 20.0 | 17.9 | |
| 40 2,2-Dichloropropane | 79 | 4.701 | 4.701 | 0.000 | 93 | 40420 | 20.0 | 20.4 | |
| * 41 2-Butanone-d5 | 46 | 4.708 | 4.708 | 0.000 | 95 | 126730 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.737 | 4.737 | 0.000 | 96 | 99934 | 20.0 | 18.0 | |
| 43 2-Butanone (MEK) | 72 | 4.773 | 4.773 | 0.000 | 99 | 31039 | 100.0 | 80.4 | |
| 44 Ethyl acetate | 70 | 4.794 | 4.794 | 0.000 | 97 | 11730 | 40.0 | 35.8 | |
| 45 Methyl acrylate | 55 | 4.852 | 4.852 | 0.000 | 99 | 50087 | 20.0 | 14.3 | |
| 46 Propionitrile | 54 | 4.931 | 4.938 | -0.008 | 98 | 72705 | 200.0 | 175.0 | |
| 47 Tetrahydrofuran | 72 | 5.009 | 5.009 | 0.000 | 87 | 13229 | 40.0 | 35.1 | |
| 48 Chlorobromomethane | 128 | 5.016 | 5.016 | 0.000 | 92 | 35976 | 20.0 | 18.9 | |
| 49 Methacrylonitrile | 67 | 5.059 | 5.059 | 0.000 | 93 | 228706 | 200.0 | 149.8 | |
| 50 Chloroform | 83 | 5.088 | 5.095 | -0.007 | 98 | 163389 | 20.0 | 18.3 | |
| 51 Cyclohexane | 84 | 5.224 | 5.224 | 0.000 | 93 | 141498 | 20.0 | 17.1 | |
| 52 1,1,1-Trichloroethane | 97 | 5.246 | 5.253 | -0.007 | 98 | 138147 | 20.0 | 17.8 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.282 | 5.282 | 0.000 | 96 | 220772 | 50.0 | 52.7 | |
| 54 Carbon tetrachloride | 117 | 5.389 | 5.396 | -0.007 | 98 | 109492 | 20.0 | 18.2 | |
| 55 1,1-Dichloropropene | 75 | 5.439 | 5.439 | 0.000 | 96 | 137543 | 20.0 | 17.4 | |
| 56 Isobutyl alcohol | 43 | 5.647 | 5.647 | 0.000 | 92 | 124413 | 500.0 | 496.0 | |
| 57 Benzene | 78 | 5.683 | 5.683 | 0.000 | 98 | 374582 | 20.0 | 17.9 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.711 | 5.711 | 0.000 | 99 | 212866 | 50.0 | 47.8 | |
| 59 Tert-amyl methyl ether | 87 | 5.783 | 5.783 | 0.000 | 96 | 58322 | 20.0 | 16.2 | |
| 60 Isopropyl acetate | 61 | 5.797 | 5.797 | 0.000 | 99 | 33971 | 20.0 | 16.2 | |
| 61 1,2-Dichloroethane | 62 | 5.804 | 5.804 | 0.000 | 98 | 100471 | 20.0 | 17.4 | |
| 62 n-Heptane | 43 | 5.898 | 5.905 | -0.007 | 94 | 155791 | 20.0 | 16.3 | |
| * 63 Fluorobenzene | 96 | 6.048 | 6.048 | 0.000 | 98 | 541500 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.471 | 6.471 | 0.000 | 89 | 34220 | 500.0 | 434.8 | |
| 65 Trichloroethene | 95 | 6.478 | 6.485 | -0.007 | 98 | 93866 | 20.0 | 17.0 | |
| 66 Methylcyclohexane | 83 | 6.628 | 6.628 | 0.000 | 96 | 166580 | 20.0 | 17.0 | |
| 67 Ethyl acrylate | 55 | 6.664 | 6.671 | -0.007 | 98 | 79869 | 20.0 | 16.8 | |
| 68 1,2-Dichloropropane | 63 | 6.836 | 6.836 | 0.000 | 92 | 95760 | 20.0 | 18.4 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.900 | 6.908 | -0.008 | 0 | 12287 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.958 | 6.958 | 0.000 | 91 | 26649 | 40.0 | 28.5 | |
| 71 1,4-Dioxane | 88 | 6.965 | 6.965 | 0.000 | 92 | 12555 | 400.0 | 448.3 | |
| 72 Dibromomethane | 93 | 6.979 | 6.979 | 0.000 | 96 | 42573 | 20.0 | 17.9 | |
| 73 n-Propyl acetate | 43 | 7.022 | 7.022 | 0.000 | 99 | 73123 | 20.0 | 14.2 | |
| 74 Dichlorobromomethane | 83 | 7.151 | 7.151 | 0.000 | 99 | 107126 | 20.0 | 18.0 | |
| 75 2-Nitropropane | 41 | 7.502 | 7.502 | 0.000 | 98 | 21649 | 40.0 | 27.3 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.516 | 7.516 | 0.000 | 95 | 35992 | 20.0 | 17.1 | |
| 77 Epichlorohydrin | 57 | 7.602 | 7.602 | 0.000 | 98 | 38315 | 400.0 | 490.8 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.652 | 7.652 | 0.000 | 93 | 132830 | 20.0 | 17.9 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.817 | 7.817 | 0.000 | 98 | 241923 | 100.0 | 91.3 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.875 | 7.875 | 0.000 | 99 | 852214 | 50.0 | 53.6 | |
| 81 Toluene | 91 | 7.939 | 7.939 | 0.000 | 93 | 367937 | 20.0 | 17.5 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.240 | 8.240 | 0.000 | 96 | 107110 | 20.0 | 17.2 | |
| 83 Ethyl methacrylate | 69 | 8.276 | 8.276 | 0.000 | 90 | 70034 | 20.0 | 15.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 1,1,2-Trichloroethane | 83 | 8.412 | 8.412 | 0.000 | 95 | 51431 | 20.0 | 16.8 | |
| 85 Tetrachloroethene | 166 | 8.440 | 8.440 | 0.000 | 97 | 85860 | 20.0 | 16.7 | |
| 86 1,3-Dichloropropane | 76 | 8.569 | 8.569 | 0.000 | 94 | 105771 | 20.0 | 17.1 | |
| 87 2-Hexanone | 43 | 8.619 | 8.619 | 0.000 | 98 | 166762 | 100.0 | 87.7 | |
| 88 n-Butyl acetate | 73 | 8.705 | 8.713 | -0.008 | 98 | 12469 | 20.0 | 13.8 | |
| 89 Chlorodibromomethane | 129 | 8.741 | 8.741 | 0.000 | 98 | 66314 | 20.0 | 16.8 | |
| 90 Ethylene Dibromide | 107 | 8.849 | 8.849 | 0.000 | 98 | 54734 | 20.0 | 16.4 | |
| * 91 Chlorobenzene-d5 | 117 | 9.228 | 9.228 | 0.000 | 89 | 349509 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.250 | 9.257 | -0.007 | 94 | 217573 | 20.0 | 17.5 | |
| 93 Ethylbenzene | 106 | 9.321 | 9.321 | 0.000 | 99 | 121006 | 20.0 | 17.4 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.329 | 9.336 | -0.007 | 95 | 71058 | 20.0 | 17.6 | |
| 95 m-Xylene & p-Xylene | 106 | 9.422 | 9.422 | 0.000 | 0 | 147572 | 20.0 | 17.3 | |
| 96 n-Butyl acrylate | 73 | 9.723 | 9.723 | 0.000 | 96 | 37469 | 20.0 | 15.4 | |
| 97 o-Xylene | 106 | 9.751 | 9.751 | 0.000 | 93 | 142613 | 20.0 | 17.8 | |
| 98 Styrene | 104 | 9.773 | 9.773 | 0.000 | 93 | 225022 | 20.0 | 17.6 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.902 | 9.902 | 0.000 | 91 | 76778 | 20.0 | 13.8 | |
| 100 Bromoform | 173 | 9.945 | 9.945 | 0.000 | 95 | 36432 | 20.0 | 15.0 | |
| 101 Isopropylbenzene | 105 | 10.031 | 10.031 | 0.000 | 96 | 377231 | 20.0 | 17.6 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.195 | 10.195 | 0.000 | 0 | 232771 | 50.0 | 55.2 | |
| 103 Bromobenzene | 156 | 10.303 | 10.303 | 0.000 | 98 | 83471 | 20.0 | 17.9 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.324 | 10.324 | 0.000 | 98 | 68131 | 20.0 | 17.0 | |
| 105 N-Propylbenzene | 91 | 10.346 | 10.353 | -0.007 | 99 | 472363 | 20.0 | 18.2 | |
| 106 1,2,3-Trichloropropane | 110 | 10.367 | 10.367 | 0.000 | 94 | 16831 | 20.0 | 15.6 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.374 | 10.374 | 0.000 | 79 | 19905 | 20.0 | 15.9 | |
| 108 4-Ethyltoluene | 105 | 10.439 | 10.439 | 0.000 | 98 | 371976 | 20.0 | 17.8 | |
| 109 2-Chlorotoluene | 91 | 10.439 | 10.439 | 0.000 | 95 | 309595 | 20.0 | 18.0 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.489 | 10.489 | 0.000 | 93 | 323772 | 20.0 | 18.2 | |
| 111 4-Chlorotoluene | 91 | 10.525 | 10.532 | -0.007 | 99 | 284278 | 20.0 | 18.3 | |
| 112 Butyl Methacrylate | 87 | 10.546 | 10.546 | 0.000 | 94 | 82481 | 20.0 | 17.8 | |
| 113 tert-Butylbenzene | 119 | 10.725 | 10.725 | 0.000 | 93 | 270093 | 20.0 | 17.6 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.768 | 10.768 | 0.000 | 98 | 314031 | 20.0 | 18.0 | |
| 115 sec-Butylbenzene | 105 | 10.883 | 10.883 | 0.000 | 99 | 422464 | 20.0 | 18.0 | |
| 116 4-Isopropyltoluene | 119 | 10.990 | 10.990 | 0.000 | 98 | 341423 | 20.0 | 17.9 | |
| 117 1,3-Dichlorobenzene | 146 | 11.005 | 11.005 | 0.000 | 95 | 163273 | 20.0 | 17.7 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 11.055 | 11.055 | 0.000 | 96 | 178936 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.076 | 11.076 | 0.000 | 93 | 164308 | 20.0 | 17.6 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.084 | 11.084 | 0.000 | 99 | 317578 | 20.0 | 18.1 | |
| 121 Benzyl chloride | 126 | 11.177 | 11.184 | -0.007 | 98 | 20792 | 20.0 | 11.0 | |
| 122 2,3-Dihydroindene | 117 | 11.234 | 11.234 | 0.000 | 94 | 314559 | 20.0 | 17.6 | |
| 123 p-Diethylbenzene | 119 | 11.263 | 11.263 | 0.000 | 92 | 223687 | 20.0 | 17.3 | |
| 124 n-Butylbenzene | 92 | 11.284 | 11.284 | 0.000 | 97 | 192432 | 20.0 | 17.7 | |
| 125 1,2-Dichlorobenzene | 146 | 11.349 | 11.349 | 0.000 | 95 | 148230 | 20.0 | 17.6 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.879 | 11.879 | 0.000 | 97 | 281798 | 20.0 | 17.3 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.986 | 11.986 | 0.000 | 95 | 11032 | 20.0 | 14.2 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.108 | 12.108 | 0.000 | 96 | 113308 | 20.0 | 16.6 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.724 | 12.724 | 0.000 | 94 | 92027 | 20.0 | 16.3 | |
| 130 Hexachlorobutadiene | 225 | 12.831 | 12.831 | 0.000 | 92 | 51597 | 20.0 | 15.2 | |
| 131 Naphthalene | 128 | 13.003 | 13.003 | 0.000 | 99 | 176988 | 20.0 | 15.5 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.283 | 13.283 | 0.000 | 95 | 80859 | 20.0 | 16.4 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 35.4 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 35.1 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 35.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 87.9 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| 8260MIX1COMB_00180 | Amount Added: | 2.00 | Units: uL | | |
| 524FREONS_00002 | Amount Added: | 2.00 | Units: uL | | |
| GASES Li_00561 | Amount Added: | 2.00 | Units: uL | | |
| ACROLEIN W_00162 | Amount Added: | 3.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00242 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\D10447.D
Lims ID: 460-294432-C-5-C MSD
Client ID: SB-3 (11-12)
Sample Type: MSD
Inject. Date: 13-Dec-2023 16:17:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-294432-C-5-C MSD
Misc. Info.: 460-0170079-020
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20231213-170079.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Dec-2023 11:30:35 Calib Date: 07-Dec-2023 11:06:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20231207-169812.b\D10368.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1654

First Level Reviewer: N1JZ Date: 14-Dec-2023 09:19:24

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 52.7 | 105.30 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.8 | 95.66 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 53.6 | 107.10 |
| $ 102 4-Bromofluorobenzene | 50.0 | 55.2 | 110.49 |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 11/22/2023 08:50

Analysis Batch Number: 946193 End Date: 11/22/2023 22:13

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-946193/1 | | 11/22/2023 08:50 | 1 | O11256.d | DB-624 0.18(mm) |
| STD8 460-946193/3 IC | | 11/22/2023 09:38 | 1 | O11258.d | DB-624 0.18(mm) |
| STD05 460-946193/18 IC | | 11/22/2023 10:03 | 1 | O11259.d | DB-624 0.18(mm) |
| STD1 460-946193/4 IC | | 11/22/2023 10:28 | 1 | O11260.d | DB-624 0.18(mm) |
| STD5 460-946193/5 IC | | 11/22/2023 10:53 | 1 | O11261.d | DB-624 0.18(mm) |
| STD20 460-946193/6 ICIS | | 11/22/2023 11:18 | 1 | O11262.d | DB-624 0.18(mm) |
| STD50 460-946193/7 IC | | 11/22/2023 11:43 | 1 | O11263.d | DB-624 0.18(mm) |
| STD200 460-946193/8 IC | | 11/22/2023 12:08 | 1 | O11264.d | DB-624 0.18(mm) |
| STD500 460-946193/9 IC | | 11/22/2023 12:33 | 1 | O11265.d | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 15:53 | 50 | | DB-624 0.18(mm) |
| ICV 460-946193/1019 | | 11/22/2023 15:53 | 50 | -O11273-ICV.d | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 16:19 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 17:59 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 18:24 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 20:33 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 20:58 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 21:23 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 21:48 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 11/22/2023 22:13 | 50 | | DB-624 0.18(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 12/13/2023 10:19

Analysis Batch Number: 949677 End Date: 12/13/2023 20:21

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-949677/2 | | 12/13/2023 10:19 | 1 | O12099.d | DB-624 0.18(mm) |
| LCS 460-949677/3 | | 12/13/2023 10:45 | 1 | O12100.d | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 10:45 | 50 | | DB-624 0.18(mm) |
| LCSD 460-949677/4 | | 12/13/2023 11:10 | 1 | O12101.d | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 11:10 | 50 | | DB-624 0.18(mm) |
| MB 460-949677/8 | | 12/13/2023 12:50 | 1 | O12105.d | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 12:50 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 13:15 | 50 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 14:05 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 14:30 | 2 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 14:55 | 2 | | DB-624 0.18(mm) |
| 460-294432-7 | Eqt. Blank-1 | 12/13/2023 16:10 | 1 | O12113.d | DB-624 0.18(mm) |
| 460-294432-8 | Trip Blank-1 | 12/13/2023 16:35 | 1 | O12114.d | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 17:00 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 17:25 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 17:50 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 18:16 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 18:41 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 19:06 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 19:31 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 19:56 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/13/2023 20:21 | 1 | | DB-624 0.18(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 11/16/2023 19:48

Analysis Batch Number: 945184 End Date: 11/17/2023 01:56

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-945184/1 | | 11/16/2023 19:48 | 1 | B10141.D | DB-624 0.18(mm) |
| STD1 460-945184/3 IC | | 11/16/2023 20:36 | 1 | B10143.D | DB-624 0.18(mm) |
| STD5 460-945184/4 IC | | 11/16/2023 21:00 | 1 | B10144.D | DB-624 0.18(mm) |
| STD20 460-945184/5 ICIS | | 11/16/2023 21:26 | 1 | B10145.D | DB-624 0.18(mm) |
| STD50 460-945184/6 IC | | 11/16/2023 21:50 | 1 | B10146.D | DB-624 0.18(mm) |
| STD200 460-945184/7 IC | | 11/16/2023 22:15 | 1 | B10147.D | DB-624 0.18(mm) |
| STD500 460-945184/8 IC | | 11/16/2023 22:39 | 1 | B10148.D | DB-624 0.18(mm) |
| ICV 460-945184/16 | | 11/17/2023 01:56 | 1 | B10156.D | DB-624 0.18(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 12/14/2023 06:09

Analysis Batch Number: 949836 End Date: 12/14/2023 17:58

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-949836/2 | | 12/14/2023 06:09 | 1 | B11186.D | DB-624 0.18(mm) |
| LCS 460-949836/4 | | 12/14/2023 06:59 | 1 | B11188.D | DB-624 0.18(mm) |
| MB 460-949836/7 | | 12/14/2023 08:32 | 1 | B11191.D | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 08:56 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 09:21 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 09:46 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 10:10 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 10:35 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 10:59 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 11:24 | 1 | | DB-624 0.18(mm) |
| 460-294432-3 | SB-1 (12-13) | 12/14/2023 12:13 | 1 | B11200.D | DB-624 0.18(mm) |
| 460-294432-10 | SB-4 (10-11) | 12/14/2023 12:38 | 1 | B11201.D | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 13:03 | 1 | | DB-624 0.18(mm) |
| LCSD 460-949836/32 | | 12/14/2023 13:52 | 1 | B11204.D | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 14:41 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 15:31 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 16:20 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 16:45 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 17:09 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 12/14/2023 17:58 | 1 | | DB-624 0.18(mm) |

# GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Instrument ID: CVOAMS4  Start Date: 12/07/2023 04:32

Analysis Batch Number: 948537  End Date: 12/07/2023 12:38

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-948537/1 | | 12/07/2023 04:32 | 1 | D10351.D | Rtx-624 0.25(mm) |
| STD20 460-948537/5 ICIS | | 12/07/2023 06:05 | 1 | D10355.D | Rtx-624 0.25(mm) |
| STD200 460-948537/7 IC | | 12/07/2023 06:51 | 1 | D10357.D | Rtx-624 0.25(mm) |
| STD500 460-948537/8 IC | | 12/07/2023 07:15 | 1 | D10358.D | Rtx-624 0.25(mm) |
| STD1 460-948537/16 IC | | 12/07/2023 10:20 | 1 | D10366.D | Rtx-624 0.25(mm) |
| STD5 460-948537/17 IC | | 12/07/2023 10:43 | 1 | D10367.D | Rtx-624 0.25(mm) |
| STD50 460-948537/18 IC | | 12/07/2023 11:06 | 1 | D10368.D | Rtx-624 0.25(mm) |
| ICV 460-948537/22 | | 12/07/2023 12:38 | 1 | D10372.D | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 12/13/2023 07:52

Analysis Batch Number: 949644 End Date: 12/13/2023 18:35

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-949644/1 | | 12/13/2023 07:52 | 1 | D10428.D | Rtx-624 0.25(mm) |
| LCS 460-949644/3 | | 12/13/2023 08:38 | 1 | D10430.D | Rtx-624 0.25(mm) |
| LCSD 460-949644/4 | | 12/13/2023 09:01 | 1 | D10431.D | Rtx-624 0.25(mm) |
| MB 460-949644/7 | | 12/13/2023 10:11 | 1 | D10434.D | Rtx-624 0.25(mm) |
| ZZZZZ | | 12/13/2023 10:34 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 12/13/2023 10:57 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 12/13/2023 11:20 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 12/13/2023 12:50 | 1 | | Rtx-624 0.25(mm) |
| LB3 460-949575/1-A | | 12/13/2023 13:13 | 1 | D10439.D | Rtx-624 0.25(mm) |
| ZZZZZ | | 12/13/2023 13:36 | 1 | | Rtx-624 0.25(mm) |
| 460-294432-1 | SB-1 (7-8) | 12/13/2023 13:59 | 1 | D10441.D | Rtx-624 0.25(mm) |
| 460-294432-2 | SB-2 (9-10) | 12/13/2023 14:22 | 1 | D10442.D | Rtx-624 0.25(mm) |
| 460-294432-4 | SB-2 (12-13) | 12/13/2023 15:08 | 1 | D10444.D | Rtx-624 0.25(mm) |
| 460-294432-5 | SB-3 (11-12) | 12/13/2023 15:31 | 1 | D10445.D | Rtx-624 0.25(mm) |
| 460-294432-5 MS | SB-3 (11-12) MS | 12/13/2023 15:54 | 1 | D10446.D | Rtx-624 0.25(mm) |
| 460-294432-5 MSD | SB-3 (11-12) MSD | 12/13/2023 16:17 | 1 | D10447.D | Rtx-624 0.25(mm) |
| 460-294432-6 | SB-3 (7-8) | 12/13/2023 17:26 | 1 | D10450.D | Rtx-624 0.25(mm) |
| 460-294432-9 | SB-4 (7-8) | 12/13/2023 17:49 | 1 | D10451.D | Rtx-624 0.25(mm) |
| 460-294432-11 | SB-BD-1 | 12/13/2023 18:35 | 1 | D10453.D | Rtx-624 0.25(mm) |

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 945184  Batch Start Date: 11/16/23 19:48  Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | 524FREONS 00010 | 7 Freons Hi 00008 | 7 Freons SS 00007 | 8260 SP 00172 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-945184/1 | | 8260D | | 5 mL | 5 mL | | | | |
| STD1 460-945184/3 IC | | 8260D | | 5 mL | 5 mL | 1 uL | | | |
| STD5 460-945184/4 IC | | 8260D | | 5 mL | 5 mL | 5 uL | | | |
| STD20 460-945184/5 ICIS | | 8260D | | 5 mL | 5 mL | 2 uL | | | |
| STD50 460-945184/6 IC | | 8260D | | 5 mL | 5 mL | 5 uL | | | |
| STD200 460-945184/7 IC | | 8260D | | 5 mL | 5 mL | | 2 uL | | |
| STD500 460-945184/8 IC | | 8260D | | 5 mL | 5 mL | | 5 uL | | |
| ICV 460-945184/16 | | 8260D | | 5 mL | 5 mL | | | 2 uL | 2 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260ISNEW 00171 | 8260MIX1COMB 00179 | 8260SURR250 00242 | ACROLEIN SP 00158 | ACROLEIN W 00162 | BFB 00034 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-945184/1 | | 8260D | | | | | | | 1 uL |
| STD1 460-945184/3 IC | | 8260D | | 1 uL | 1 uL | 1 uL | | 10 uL | |
| STD5 460-945184/4 IC | | 8260D | | 1 uL | 5 uL | 1 uL | | 20 uL | |
| STD20 460-945184/5 ICIS | | 8260D | | 1 uL | 2 uL | 1 uL | | 3 uL | |
| STD50 460-945184/6 IC | | 8260D | | 1 uL | 5 uL | 1 uL | | 4 uL | |
| STD200 460-945184/7 IC | | 8260D | | 1 uL | | 1 uL | | 5 uL | |
| STD500 460-945184/8 IC | | 8260D | | 1 uL | | 1 uL | | 6 uL | |
| ICV 460-945184/16 | | 8260D | | 1 uL | | 1 uL | 3 uL | | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | Ethanol mix 00083 | EthhexAcr_SS 00004 | EthyhexAcr_Hi 00004 | EthyhexAcr_Li 00005 | GAS C SP 00541 | GAS Hi 00455 |
|---|---|---|---|---|---|---|---|---|---|

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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 945184  Batch Start Date: 11/16/23 19:48  Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | Ethanol mix 00083 | EthhexAcr_SS 00004 | EthyhexAcr_Hi 00004 | EthyhexAcr_Li 00005 | GAS C SP 00541 | GAS Hi 00455 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-945184/1 | | 8260D | | | | | | | |
| STD1 460-945184/3 IC | | 8260D | | | | | 1 uL | | |
| STD5 460-945184/4 IC | | 8260D | | | | | 5 uL | | |
| STD20 460-945184/5 ICIS | | 8260D | | | | | 2 uL | | |
| STD50 460-945184/6 IC | | 8260D | | | | | 5 uL | | |
| STD200 460-945184/7 IC | | 8260D | | 2 uL | | 2 uL | | | 2 uL |
| STD500 460-945184/8 IC | | 8260D | | 5 uL | | 5 uL | | | 5 uL |
| ICV 460-945184/16 | | 8260D | | | 2 uL | | | 2 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | GASES Li 00557 | MIX 2 Hi 00142 | MIX I Hi 00170 | | | |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-945184/1 | | 8260D | | | | | | | |
| STD1 460-945184/3 IC | | 8260D | | 1 uL | | | | | |
| STD5 460-945184/4 IC | | 8260D | | 5 uL | | | | | |
| STD20 460-945184/5 ICIS | | 8260D | | 2 uL | | | | | |
| STD50 460-945184/6 IC | | 8260D | | 5 uL | | | | | |
| STD200 460-945184/7 IC | | 8260D | | | 2 uL | 2 uL | | | |
| STD500 460-945184/8 IC | | 8260D | | | 5 uL | 5 uL | | | |
| ICV 460-945184/16 | | 8260D | | | | | | | |

| Batch Notes | |
|---|---|
| | |

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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 945184  Batch Start Date: 11/16/23 19:48  Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D  Batch End Date:

| 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 946193  Batch Start Date: 11/22/23 08:50  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | 14DIOXINTER 00162 | 524FREONS 00011 | 7 Freons Hi 00002 | 7 Freons SS 00008 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-946193/1 | | 8260D | | 5 mL | 5 mL | | | | |
| STD8 460-946193/3 IC | | 8260D | | 5 mL | 5 mL | | | | |
| STD1 460-946193/4 IC | | 8260D | | 5 mL | 5 mL | 30 uL | 10 uL | | |
| STD5 460-946193/5 IC | | 8260D | | 5 mL | 5 mL | | 10 uL | | |
| STD20 460-946193/6 ICIS | | 8260D | | 5 mL | 5 mL | | 20 uL | | |
| STD50 460-946193/7 IC | | 8260D | | 5 mL | 5 mL | | 50 uL | | |
| STD200 460-946193/8 IC | | 8260D | | 5 mL | 5 mL | | | 20 uL | |
| STD500 460-946193/9 IC | | 8260D | | 5 mL | 5 mL | | | 50 uL | |
| STD05 460-946193/18 IC | | 8260D | | 5 mL | 5 mL | 15 uL | 5 uL | | |
| ICV 460-946193/1019 | | 8260D | | 5 mL | 5 mL | | | | 20 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260 SP 00172 | 8260ISNEW 00171 | 8260MIX1COMB 00179 | 8260SURR250 00242 | ACROLEIN SP 00159 | ACROLEIN W 00162 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-946193/1 | | 8260D | | | 1 uL | | | | |
| STD8 460-946193/3 IC | | 8260D | | | 1 uL | | 1 uL | | |
| STD1 460-946193/4 IC | | 8260D | | | 1 uL | 10 uL | 1 uL | | 4 uL |
| STD5 460-946193/5 IC | | 8260D | | | 1 uL | 10 uL | 1 uL | | 4 uL |
| STD20 460-946193/6 ICIS | | 8260D | | | 1 uL | 20 uL | 1 uL | | 4 uL |
| STD50 460-946193/7 IC | | 8260D | | | 1 uL | 50 uL | 1 uL | | 10 uL |
| STD200 460-946193/8 IC | | 8260D | | | 1 uL | | 1 uL | | 20 uL |
| STD500 460-946193/9 IC | | 8260D | | | 1 uL | | 1 uL | | 40 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 946193  Batch Start Date: 11/22/23 08:50  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260 SP 00172 | 8260ISNEW 00171 | 8260MIX1COMB 00179 | 8260SURR250 00242 | ACROLEIN SP 00159 | ACROLEIN W 00162 |
|---|---|---|---|---|---|---|---|---|---|
| STD05 460-946193/18 IC | | 8260D | | | 1 uL | 5 uL | 1 uL | | 2 uL |
| ICV 460-946193/1019 | | 8260D | | 20 uL | 1 uL | | 1 uL | 4 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | ACRY/EPIH MIX 00119 | BFB 00034 | Ethanol mix 00083 | GAS C SP 00541 | GAS Hi 00456 | GASES Li 00558 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-946193/1 | | 8260D | | | 1 uL | | | | |
| STD8 460-946193/3 IC | | 8260D | | 20 uL | | | | | 2.5 uL |
| STD1 460-946193/4 IC | | 8260D | | | | | | | 10 uL |
| STD5 460-946193/5 IC | | 8260D | | | | | | | 10 uL |
| STD20 460-946193/6 ICIS | | 8260D | | | | | | | 20 uL |
| STD50 460-946193/7 IC | | 8260D | | | | | | | 50 uL |
| STD200 460-946193/8 IC | | 8260D | | | | 20 uL | | 20 uL | |
| STD500 460-946193/9 IC | | 8260D | | | | 50 uL | | 50 uL | |
| STD05 460-946193/18 IC | | 8260D | | | | | | | 5 uL |
| ICV 460-946193/1019 | | 8260D | | | | | 20 uL | | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | MIX 2 Hi 00142 | MIX I Hi 00170 | VMTBA500 00042 | | | |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-946193/1 | | 8260D | | | | | | | |
| STD8 460-946193/3 IC | | 8260D | | | | 2 uL | | | |
| STD1 460-946193/4 IC | | 8260D | | | | | | | |
| STD5 460-946193/5 IC | | 8260D | | | | | | | |

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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 946193  Batch Start Date: 11/22/23 08:50  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | MIX 2 Hi 00142 | MIX I Hi 00170 | VMTBA500 00042 | | | |
|---|---|---|---|---|---|---|---|---|---|
| STD20 460-946193/6 ICIS | | 8260D | | | | | | | |
| STD50 460-946193/7 IC | | 8260D | | | | | | | |
| STD200 460-946193/8 IC | | 8260D | | 20 uL | 20 uL | | | | |
| STD500 460-946193/9 IC | | 8260D | | 50 uL | 50 uL | | | | |
| STD05 460-946193/18 IC | | 8260D | | | | | | | |
| ICV 460-946193/1019 | | 8260D | | | | | | | |

| 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 948537  Batch Start Date: 12/07/23 04:32  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | 524FREONS 00002 | 7 Freons Hi 00002 | 7 Freons SS 00008 | 8260 SP 00173 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-948537/1 | | 8260D | | 5 mL | 5 mL | | | | |
| STD20 460-948537/5 ICIS | | 8260D | | 5 mL | 5 mL | 2 uL | | | |
| STD200 460-948537/7 IC | | 8260D | | 5 mL | 5 mL | | 2 uL | | |
| STD500 460-948537/8 IC | | 8260D | | 5 mL | 5 mL | | 5 uL | | |
| STD1 460-948537/16 IC | | 8260D | | 5 mL | 5 mL | 1 uL | | | |
| STD5 460-948537/17 IC | | 8260D | | 5 mL | 5 mL | 5 uL | | | |
| STD50 460-948537/18 IC | | 8260D | | 5 mL | 5 mL | | 5 uL | | |
| ICV 460-948537/22 | | 8260D | | 5 mL | 5 mL | | | 2 uL | 2 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260ISNEW 00171 | 8260MIX1COMB 00180 | 8260SURR250 00242 | ACROLEIN SP 00159 | ACROLEIN W 00162 | BFB 00035 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-948537/1 | | 8260D | | | | | | | 1 uL |
| STD20 460-948537/5 ICIS | | 8260D | | 1 uL | 2 uL | 1 uL | | 3 uL | |
| STD200 460-948537/7 IC | | 8260D | | 1 uL | | 1 uL | | 5 uL | |
| STD500 460-948537/8 IC | | 8260D | | 1 uL | | 1 uL | | 6 uL | |
| STD1 460-948537/16 IC | | 8260D | | 1 uL | 1 uL | 1 uL | | 10 uL | |
| STD5 460-948537/17 IC | | 8260D | | 1 uL | 5 uL | 1 uL | | 20 uL | |
| STD50 460-948537/18 IC | | 8260D | | 1 uL | | 1 uL | | 40 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 948537  Batch Start Date: 12/07/23 04:32  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260ISNEW 00171 | 8260MIX1COMB 00180 | 8260SURR250 00242 | ACROLEIN SP 00159 | ACROLEIN W 00162 | BFB 00035 |
|---|---|---|---|---|---|---|---|---|---|
| ICV 460-948537/22 | | 8260D | | 1 uL | | 1 uL | 3 uL | | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | Ethanol mix 00083 | GAS C SP 00544 | GAS Hi 00457 | GASES Li 00560 | MIX 2 Hi 00142 | MIX I Hi 00170 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-948537/1 | | 8260D | | | | | | | |
| STD20 460-948537/5 ICIS | | 8260D | | | | | 2 uL | | |
| STD200 460-948537/7 IC | | 8260D | | 2 uL | | 2 uL | | 2 uL | 2 uL |
| STD500 460-948537/8 IC | | 8260D | | 5 uL | | 5 uL | | 5 uL | 5 uL |
| STD1 460-948537/16 IC | | 8260D | | | | | 1 uL | | |
| STD5 460-948537/17 IC | | 8260D | | | | | 5 uL | | |
| STD50 460-948537/18 IC | | 8260D | | 5 uL | | 5 uL | | 5 uL | 5 uL |
| ICV 460-948537/22 | | 8260D | | | 2 uL | | | | |

| 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 949575  Batch Start Date: 12/12/23 23:31  Batch Analyst: Wang, Meggie X

Batch Method: 5035  Batch End Date: 12/12/23 23:45

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | | | | |
|---|---|---|---|---|---|---|---|---|---|
| LB3 460-949575/1 | | 5035, 8260D | | 5 g | 5 mL | | | | |
| 460-294432-C-1 | SB-1 (7-8) | 5035, 8260D | T | 6.20 g | 5 mL | | | | |
| 460-294432-C-2 | SB-2 (9-10) | 5035, 8260D | T | 5.17 g | 5 mL | | | | |
| 460-294432-D-3 | SB-1 (12-13) | 5035, 8260D | T | 6.10 g | 5 mL | | | | |
| 460-294432-C-4 | SB-2 (12-13) | 5035, 8260D | T | 6.01 g | 5 mL | | | | |
| 460-294432-C-5 | SB-3 (11-12) | 5035, 8260D | T | 6.54 g | 5 mL | | | | |
| 460-294432-C-5 MS | SB-3 (11-12) | 5035, 8260D | T | 5.62 g | 5 mL | | | | |
| 460-294432-C-5 MSD | SB-3 (11-12) | 5035, 8260D | T | 6.40 g | 5 mL | | | | |
| 460-294432-C-6 | SB-3 (7-8) | 5035, 8260D | T | 5.73 g | 5 mL | | | | |
| 460-294432-C-9 | SB-4 (7-8) | 5035, 8260D | T | 5.27 g | 5 mL | | | | |
| 460-294432-D-10 | SB-4 (10-11) | 5035, 8260D | T | 6.03 g | 5 mL | | | | |
| 460-294432-C-11 | SB-BD-1 | 5035, 8260D | T | 6.39 g | 5 mL | | | | |

| Batch Notes | |
|---|---|
| Balance ID | 38 |
| Balance is Level? (Y/N) | yes |
| Blank Matrix ID | 170485 |
| Pipette/Syringe/Dispenser ID | 7 |
| Vial Lot Number | 427762 |

| 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 949644  Batch Start Date: 12/13/23 07:52  Batch Analyst: Martinez, Eddie

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | 524FREONS 00002 | 8260ISNEW 00171 | 8260MIX1COMB 00180 | 8260SURR250 00242 |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-949644/1 | | 8260D | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCS 460-949644/3 | | 8260D | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCSD 460-949644/4 | | 8260D | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| MB 460-949644/7 | | 8260D | | 5 mL | 5 mL | | 1 uL | | 1 uL |
| LB3 460-949575/1-A | | 8260D | | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-C-1-A | SB-1 (7-8) | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-C-2-A | SB-2 (9-10) | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-C-4-A | SB-2 (12-13) | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-C-5-A | SB-3 (11-12) | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-C-5-B MS | SB-3 (11-12) | 8260D | T | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| 460-294432-C-5-C MSD | SB-3 (11-12) | 8260D | T | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| 460-294432-C-6-A | SB-3 (7-8) | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-C-9-A | SB-4 (7-8) | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-C-11-A | SB-BD-1 | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | ACROLEIN W 00162 | GASES Li 00561 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-949644/1 | | 8260D | | 3 uL | 2 uL | | | | |
| LCS 460-949644/3 | | 8260D | | 3 uL | 2 uL | | | | |
| LCSD 460-949644/4 | | 8260D | | 3 uL | 2 uL | | | | |
| MB 460-949644/7 | | 8260D | | | | | | | |
| LB3 460-949575/1-A | | 8260D | | | | | | | |
| 460-294432-C-1-A | SB-1 (7-8) | 8260D | T | | | | | | |

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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 949644  Batch Start Date: 12/13/23 07:52  Batch Analyst: Martinez, Eddie

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | ACROLEIN W 00162 | GASES Li 00561 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 460-294432-C-2-A | SB-2 (9-10) | 8260D | T | | | | | | |
| 460-294432-C-4-A | SB-2 (12-13) | 8260D | T | | | | | | |
| 460-294432-C-5-A | SB-3 (11-12) | 8260D | T | | | | | | |
| 460-294432-C-5-B MS | SB-3 (11-12) | 8260D | T | 3 uL | 2 uL | | | | |
| 460-294432-C-5-C MSD | SB-3 (11-12) | 8260D | T | 3 uL | 2 uL | | | | |
| 460-294432-C-6-A | SB-3 (7-8) | 8260D | T | | | | | | |
| 460-294432-C-9-A | SB-4 (7-8) | 8260D | T | | | | | | |
| 460-294432-C-11-A | SB-BD-1 | 8260D | T | | | | | | |

| 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 949677  Batch Start Date: 12/13/23 10:19  Batch Analyst: Boykin, Kenneth

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | Initial pH | 524FREONS 00011 | 8260ISNEW 00171 | 8260MIX1COMB 00180 |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-949677/2 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCS 460-949677/3 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCSD 460-949677/4 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| MB 460-949677/8 | | 8260D | | 5 mL | 5 mL | | | 1 uL | |
| 460-294432-A-7 | Eqt. Blank-1 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-294432-A-8 | Trip Blank-1 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260SURR250 00242 | ACROLEIN W 00162 | GASES Li 00561 | | | |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-949677/2 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| LCS 460-949677/3 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| LCSD 460-949677/4 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| MB 460-949677/8 | | 8260D | | 1 uL | | | | | |
| 460-294432-A-7 | Eqt. Blank-1 | 8260D | T | 1 uL | | | | | |
| 460-294432-A-8 | Trip Blank-1 | 8260D | 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 949836  Batch Start Date: 12/14/23 06:09  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | 524FREONS 00011 | 8260ISNEW 00171 | 8260MIX1COMB 00180 | 8260SURR250 00242 |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-949836/2 | | 8260D | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCS 460-949836/4 | | 8260D | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| MB 460-949836/7 | | 8260D | | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-D-3-A | SB-1 (12-13) | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-294432-D-10-A | SB-4 (10-11) | 8260D | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| LCSD 460-949836/32 | | 8260D | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | ACROLEIN W 00162 | GASES Li 00561 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-949836/2 | | 8260D | | 3 uL | 2 uL | | | | |
| LCS 460-949836/4 | | 8260D | | 3 uL | 2 uL | | | | |
| MB 460-949836/7 | | 8260D | | | | | | | |
| 460-294432-D-3-A | SB-1 (12-13) | 8260D | T | | | | | | |
| 460-294432-D-10-A | SB-4 (10-11) | 8260D | T | | | | | | |
| LCSD 460-949836/32 | | 8260D | | 3 uL | 2 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.

# GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job Number: 460-294432-1

SDG No.:

Project: HW UST Closure 16 White Street, Buchanan

| Client Sample ID | Lab Sample ID |
|---|---|
| SB-1 (7-8) | 460-294432-1 |
| SB-2 (9-10) | 460-294432-2 |
| SB-1 (12-13) | 460-294432-3 |
| SB-2 (12-13) | 460-294432-4 |
| SB-3 (11-12) | 460-294432-5 |
| SB-3 (7-8) | 460-294432-6 |
| SB-4 (7-8) | 460-294432-9 |
| SB-4 (10-11) | 460-294432-10 |
| SB-BD-1 | 460-294432-11 |

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job Number: 460-294432-1

SDG Number:

Matrix: Solid  Instrument ID: NOEQUIP

Method: Moisture  RL Date: 02/15/2007 17:07

| Analyte | Wavelength/ Mass | RL (%) | |
|---|---|---|---|
| Percent Moisture | | 1 | |
| Percent Solids | | 1 | |

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-294432-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

| Analyte | Wavelength/ Mass | XRL (%) | |
|---|---|---|---|
| Percent Moisture | | 1 | |
| Percent Solids | | 1 | |

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Instrument ID: NOEQUIP  Method: Moisture

Start Date: 12/13/2023 17:34  End Date: 12/13/2023 23:13

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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| 460-294432-1 | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
| 460-294432-2 | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
| 460-294432-3 | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
| 460-294432-4 | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
| 460-294432-6 | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
| 460-294432-9 | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 17:34 | | | | | | | | | | | | | | | | | | | | |
| 460-293740-A-2 DU | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 17:34 | | | | | | | | | | | | | | | | | | | | |
| 460-294432-10 | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
| 460-294432-11 | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Instrument ID: NOEQUIP  Method: Moisture

Start Date: 12/13/2023 17:34  End Date: 12/13/2023 23:13

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Instrument ID: NOEQUIP  Method: Moisture

Start Date: 12/13/2023 17:34  End Date: 12/13/2023 23:13

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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| 460-294300-A-1 DU | 1 | T | 17:34 | X | X | | | | | | | | | | | | | | | | | | |
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| 460-294432-5 | 1 | T | 17:36 | X | X | | | | | | | | | | | | | | | | | | |
| 460-294432-5 MS | 1 | T | 17:36 | X | X | | | | | | | | | | | | | | | | | | |
| 460-294432-5 MSD | 1 | T | 17:36 | X | X | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Instrument ID: NOEQUIP  Method: Moisture

Start Date: 12/13/2023 17:34  End Date: 12/13/2023 23:13

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-294432-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2023 17:34 End Date: 12/13/2023 23:13

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
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Prep Types
T = Total/NA

# General Chemistry Raw Data Report

Job ID: 460-294432-1

**Batch: 949756** **Analyst Initials: CJC**

**Method: Moisture** **Instrument: No Equipment**

## Lab Sample ID: 460-294432-A-1

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 3.5087719298246 | % |
| Percent Solids | None | 1 | 96.4912280701754 | % |

## Lab Sample ID: 460-294432-A-2

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.3598326359833 | % |
| Percent Solids | None | 1 | 98.6401673640167 | % |

## Lab Sample ID: 460-294432-A-3

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.3101983002833 | % |
| Percent Solids | None | 1 | 98.6898016997167 | % |

## Lab Sample ID: 460-294432-A-4

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.6905737704918 | % |
| Percent Solids | None | 1 | 98.3094262295082 | % |

## Lab Sample ID: 460-294432-A-6

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 2.0612117426609 | % |
| Percent Solids | None | 1 | 97.9387882573391 | % |

## Lab Sample ID: 460-294432-A-9

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.77156177156181 | % |
| Percent Solids | None | 1 | 98.2284382284382 | % |

## Lab Sample ID: 460-293740-A-2 DU

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 13.3333333333333 | % |
| Percent Solids | None | 1 | 86.6666666666667 | % |

## Lab Sample ID: 460-294432-A-10

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 2.7166276346604 | % |
| Percent Solids | None | 1 | 97.2833723653396 | % |

## Lab Sample ID: 460-294432-A-11

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 5.25769629885851 | % |
| Percent Solids | None | 1 | 94.7423037011415 | % |

## Batch: 949756 (Continued)
## Method: Moisture

**Analyst Initials: CJC**
**Instrument: No Equipment**

### Lab Sample ID: 460-294300-A-1 DU

**Analysis Date: Dec 13, 2023 17:34**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 25.8893280632411 | % |
| Percent Solids | None | 1 | 74.1106719367589 | % |

### Lab Sample ID: 460-294432-A-5

**Analysis Date: Dec 13, 2023 17:36**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.74174174174171 | % |
| Percent Solids | None | 1 | 98.2582582582583 | % |

### Lab Sample ID: 460-294432-A-5 MS

**Analysis Date: Dec 13, 2023 17:36**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.74174174174171 | % |
| Percent Solids | None | 1 | 98.2582582582583 | % |

### Lab Sample ID: 460-294432-A-5 MSD

**Analysis Date: Dec 13, 2023 17:36**

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.74174174174171 | % |
| Percent Solids | None | 1 | 98.2582582582583 | % |

# GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 949756  Batch Start Date: 12/13/23 17:34  Batch Analyst: Cho, Claudia J

Batch Method: Moisture  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | DISH# | DishWeight | SampleMassWet | SampleMassDry | %_Moisture | %_Solid |
|---|---|---|---|---|---|---|---|---|---|
| 460-294432-A-1 | SB-1 (7-8) | Moisture | T | | 5.39 g | 20.21 g | 19.69 g | 3.5087719298246 % | 96.491228070175 4 % |
| 460-294432-A-2 | SB-2 (9-10) | Moisture | T | | 5.39 g | 24.51 g | 24.25 g | 1.3598326359833 % | 98.640167364016 7 % |
| 460-294432-A-3 | SB-1 (12-13) | Moisture | T | | 5.39 g | 33.63 g | 33.26 g | 1.3101983002833 % | 98.689801699716 7 % |
| 460-294432-A-4 | SB-2 (12-13) | Moisture | T | | 5.39 g | 24.91 g | 24.58 g | 1.6905737704918 % | 98.309426229508 2 % |
| 460-294432-A-6 | SB-3 (7-8) | Moisture | T | | 5.39 g | 21.40 g | 21.07 g | 2.0612117426609 % | 97.938788257339 1 % |
| 460-294432-A-9 | SB-4 (7-8) | Moisture | T | | 5.39 g | 26.84 g | 26.46 g | 1.7715617715618 1 % | 98.228438228438 2 % |
| 460-293740-A-2 DU | | Moisture | T | 71 | 24.74 g | 29.84 g | 29.16 g | 13.333333333333 3 % | 86.666666666666 7 % |
| 460-294432-A-10 | SB-4 (10-11) | Moisture | T | | 5.39 g | 26.74 g | 26.16 g | 2.7166276346604 % | 97.283372365339 6 % |
| 460-294432-A-11 | SB-BD-1 | Moisture | T | | 5.39 g | 34.30 g | 32.78 g | 5.2576962988585 1 % | 94.742303701141 5 % |
| 460-294300-A-1 DU | | Moisture | T | 79 | 28.29 g | 33.35 g | 32.04 g | 25.889328063241 1 % | 74.110671936758 9 % |
| 460-294432-A-5 | SB-3 (11-12) | Moisture | T | | 5.39 g | 22.04 g | 21.75 g | 1.7417417417417 1 % | 98.258258258258 3 % |
| 460-294432-A-5 MS | SB-3 (11-12) | Moisture | T | | 5.39 g | 22.04 g | 21.75 g | 1.7417417417417 1 % | 98.258258258258 3 % |
| 460-294432-A-5 MSD | SB-3 (11-12) | Moisture | T | | 5.39 g | 22.04 g | 21.75 g | 1.7417417417417 1 % | 98.258258258258 3 % |

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.

# GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-294432-1

SDG No.:

Batch Number: 949756  Batch Start Date: 12/13/23 17:34  Batch Analyst: Cho, Claudia J

Batch Method: Moisture  Batch End Date:

| Batch Notes | |
|---|---|
| Balance ID | 106 |
| Oven ID | dm3250 |
| Thermometer ID | 100 |
| Date samples were placed in the oven | 12/13/2023 |
| Time samples were place in the oven | 19:16 |
| Temperature - Start - Uncorrected | 100 Degrees C |
| Oven Temp In | 100 Degrees C |
| Date samples were removed from oven | 12/13/2023 |
| Time Samples were removed from oven | 19:36 |
| Temperature - End - Uncorrected | 100 Degrees C |
| Oven Temp Out | 100 Degrees C |
| Batch Comment | microwave |

| 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

Address. 16 White Street Buchanan, NY

# Chain of Custody Record

637601 eurofins | Environment Testing America

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

| Client Contact | Project Manager: MA Randazzo | Site Contact: Randazzo | Date: 12/12/23 | COC No |
|---|---|---|---|---|
| Company Name: Ramboll | Tel/Email 781-883-6432 | Lab Contact: Tempe | Carrier: HAND | 1 of 2 COCs |
| Address. 500 Summit Lake Dr | Analysis Turnaround Time | | | Sampler: Randazzo |
| City/State/Zip. Valhalla, NY 10606 | ☐ CALENDAR DAYS ☒ WORKING DAYS | | | For Lab Use Only: |
| Phone 781-883-6432 | TAT if different from Below | | | Walk-in Client: |
| Fax: | ☐ 2 weeks COB Thursday | | | Lab Sampling |
| Project Name: ltw UST Closure | ☐ 1 week | | | Job / SDG No. 294432 |
| Site: 16 White Street, Buchanan | ☒ 2 days | | | |
| PO# | ☐ 1 day | | | |

2-Day RUSH

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix | # of Cont. | Filtered Sample (Y/N) | Perform MS / MSD (Y/N) | 8260D + 2 Acetone | Sample Specific Notes: |
|---|---|---|---|---|---|---|---|---|---|
| SB-1 (7-8) | 12/12/23 | 0900 | G | S | 4 | N | | X | 1 |
| SB-2 (9-10) | 12/12/23 | 1000 | G | S | 4 | N | | X | 2 |
| SB-1 (12-13) | 12/12/23 | 0920 | G | S | 4 | N | | X | 3 |
| SB-2 (12-13) | 12/12/23 | 1020 | G | S | 4 | N | | X | 4 |
| SB-3 (11-12) | 12/12/23 | 1120 | G | S | 12 | N | X | X | MS/MSD 5 |
| SB-3 (7-8) | 12/12/23 | 1100 | G | S | 4 | N | | X | 6 |
| Eqt. Blank-1 | 12/12/23 | 1200 | G | W | 2 | N | | X | 7 |
| Trip Blank-1 | — | — | — | W | 2 | N | | X | 8 |
| SB-4 (7-8) | 12/12/23 | 1215 | G | S | 4 | N | | X | 9 |
| SB-4 (10-11) | 12/12/23 | 1230 | G | S | 4 | N | | X | 10 |
| SB-BD-1 | 12/12/23 | — | G | S | 4 | N | | X | 11 |
| SB-BD-1 | 12/12/23 | — | G | S | 4 | N | | X | 12 |

460-294432 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

**Possible Hazard Identification**
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**

☐ Return to Client ☒ Disposal by Lab ☐ Archive for_____ Months

**Special Instructions/QC Requirements & Comments.** Shipped on-ice. Need to meet NYSDEC Residential SCOs. Please provide table with these and GW SCOs included.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp (°C): Obs'd:_____ Corr'd._____ Therm ID No._____

| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: |
|---|---|---|---|---|---|
| | Ramboll | 12/12/23 1:44 PM | | RAMBOLL | 12/12/23 1.44PM |
| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: |
| | RAMBOLL | 12/12/23 3:45 PM | | ETA | 12-12-23 1545 |
| Relinquished by: | Company: | Date/Time: | Received in Laboratory by: | Company: | Date/Time: |
| | | | | | |

12/13/2023 1:33 PM

Address: 16 White Street
Buchanan, NY

# Chain of Custody Record

637602

eurofins | Environment Testing America

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☒ Other NYSDEC SCOs

TAL-8210

| Client Contact | Project Manager: Randazzo | Site Contact: Randazzo | Date: 12/12/23 | COC No: |
|---|---|---|---|---|
| Company Name: Ramboll | Tel/Email: 781-983-6432 | Lab Contact: Tempe | Carrier: HAND | 2 of 2 COCs |
| Address: 500 Summit Lake Drive | Analysis Turnaround Time | | | Sampler: Randazzo |
| City/State/Zip: Valhalla, NY 10606 | ☐ CALENDAR DAYS ☐ WORKING DAYS | | | For Lab Use Only: |
| Phone: 781-983-6432 | TAT if different from Below | | | Walk-in Client: |
| Fax: | ☐ 2 weeks COB | | | Lab Sampling: |
| Project Name: ITW UST Closure | ☐ 1 week Thursday | | | |
| Site: 16 White St, Buchanan | ☒ 2 days | | | Job / SDG No: 244432 |
| PO # | ☐ 1 day | | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix | # of Cont. | Filtered Sample (Y/N) | Perform MS / MSD (Y/N) | 8270 - TCL SVOA | 8082 - PCBs | 6020 / 7471 | Sample Specific Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Comp Sample | 12/12/23 | 1300 | C | S | 2 | N | N | X | X | X | * HOLD # B |

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

**Possible Hazard Identification.**
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

**Special Instructions/QC Requirements & Comments:**

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd: _____ Corr'd: _____ Therm ID No.: _____

| Relinquished by | Company | Date/Time | Received by | Company | Date/Time |
|---|---|---|---|---|---|
| [signature] | Ramboll | 12/12/23 1:44PM | [signature] | RAMBOLL | 12/12/23 1:44PM |
| [signature] | RAMBOLL | 12/12/23 05:15 | Javan Acevedo | ETA | 12-12-23 1545 |
| Relinquished by: | Company: | Date/Time: | Received in Laboratory by: | Company: | Date/Time: |

# Eurofins TestAmerica Edison
## Receipt Temperature and pH Log



Job Number: 244452

Number of Coolers: 1 IR Gun # 9

### Cooler Temperatures

| | RAW | CORRECTED | | RAW | CORRECTED | | RAW | CORRECTED |
|---|---|---|---|---|---|---|---|---|
| Cooler #1: | 2.5 °C | 2.6 °C | Cooler #4: | °C | °C | Cooler #7: | °C | °C |
| Cooler #2: | °C | °C | Cooler #5: | °C | °C | Cooler #8: | °C | °C |
| Cooler #3: | °C | °C | Cooler #6: | °C | °C | Cooler #9: | °C | °C |

| TALS Sample Number | Ammonia (pH<2) | COD (pH<2) | Nitrate Nitrite (pH<2) | Metals* (pH<2) | Hardness (pH<2) | Pest (pH 5-9) | EPH or QAM (pH<2) | Phenols (pH<2) | Sulfide (pH>9) | TKN (pH<2) | TOC (pH<2) | Total Cyanide (pH>12) | Total Phos (pH<2) | Other | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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*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: JA Date: 12-12-23

# Login Sample Receipt Checklist

Client: Ramboll Americas Engineering Solutions

Job Number: 460-294432-1

**Login Number: 294432**
**List Number: 1**
**Creator: Rivera, Kenneth**

**List Source: Eurofins Edison**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | False | Refer to Job Narrative for details. |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |