

GEI Consultants

**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report 2024/25**

# Halesite Former MGP Site

Town of Huntington, Suffolk County, Long Island, New York
Site ID No. 152173

**Submitted to:**
National Grid
175 East Old Country Road
Hicksville, NY 11801

**Submitted by:**
GEI Consultants, Inc. DBA GEI Consultants Engineering, Geology, Architecture & Landscape Architecture
1000 New York Avenue, Suite B
Huntington Station, NY 11746
631.760.9300

December 2025
Project No. 2503970



Christopher Morris, P.G.
Project Manager

Thomas Johansen, P.G.
Field Operations Manager

# Table of Contents

**Acronyms and Abbreviations ..... iii**

**1. Introduction ..... 4**
1.1. Site Background 4
1.2. Site Geology 5
1.3. Well Abandonments 6

**2. NAPL Monitoring and Recovery ..... 7**
2.1. Program Scope and Purpose 7
2.2. NAPL Monitoring and Recovery Data 8
2.3. Waste Management 9

**3. Oxygen Injection System OM&M and Groundwater Monitoring ..... 10**
3.1. Oxygen Injection System OM&M 10
3.1.1. Program Purpose and Scope 10
3.1.2. Current Monitoring Activities 10
3.1.3. Oxygen Injection System OM&M Data 11
3.2. Groundwater Monitoring 12
3.2.1. Program Purpose and Scope 12
3.2.2. Site Activity 12
3.2.3. Groundwater Elevation Data 13
3.2.4. Groundwater Analytical Data 13

**4. Conclusions and Recommendations ..... 18**
4.1. Conclusions 18
4.2. Recommendations 18

**5. References ..... 20**

## List of Tables [Embedded in Report]

Table 1a. Summary of Site Investigation and Remedial Activities 5
Table 2a. NAPL Monitoring Summary 8
Table 2b. Summary of Recent DNAPL Thickness and Recovery Totals 9
Table 3a. Description and Location of Analytical and Monitoring Results 10
Table 3b. Summary of Groundwater Parameters 11

## Tables [End of Report]

Table 2-1. NAPL Gauging Summary
Table 2-2. Onsite NAPL Gauging and Recovery Lot
Table 3-1. Groundwater Monitoring Well Sampling Schedule
Table 3-2. Summary of Groundwater Parameter Data
Table 3-3. Water Level Measurements and Calculated Water Elevations
Table 3-4. Groundwater Analytical Results
Table 3-5. Summary of Historical Total BTEX Results
Table 3-6. Summary of Historical Total PAH Results

## Figures [End of Report]

Figure 1. Site Location Map
Figure 2. Oxygen Injection System, Monitoring Well, Recovery Well and Soil Vapor Point Location Map
Figure 3. Shallow Groundwater Contour Map – High Tide
Figure 4. Shallow Groundwater Contour Map – Low Tide

## Appendices [End of Report]

Appendix A Well Abandonment Summary Letter
Appendix B Oxygen Injection System OM&M Data
Appendix C Groundwater Laboratory Analytical Reports

CM/EK:ag
B:\Working\NATIONAL GRID\1905774 (13 Sites) OM&M Services-Downstate, NY\02_PM\13 Sites\Halesite\Report\2025\2024_2025_Annual_GMOMM_Rpt_Halesite_R1_MQ.docx

# Acronyms and Abbreviations

| | |
|---|---|
| AKRF | Allee King Rosen & Fleming |
| AWQS | Ambient Water Quality Standards |
| BTEX | Benzene, Toluene, Ethylbenzene, and total Xylenes |
| °C | Degrees Celsius |
| DER | Division of Environmental Remediation |
| DNAPL | Dense Non-Aqueous Phase Liquid |
| DO | Dissolved Oxygen |
| DTW | Depth-to-Groundwater |
| D&B | Dvirka and Bartilucci |
| ft bgs | feet below ground surface |
| GEI | GEI Consultants, Inc. |
| GM | Groundwater Monitoring |
| LNAPL | Light Non-Aqueous Phase Liquid |
| mg/L | milligrams per liter |
| MGP | Manufactured Gas Plant |
| mS/cm | microSiemens per centimeter |
| MSL | Mean Seal Level |
| mV | Millivolts |
| NAPL | Non-Aqueous Phase Liquid |
| NYSDEC | New York State Department of Environmental Conservation |
| OM&M | Operations, Maintenance & Monitoring |
| ORP | oxidation reduction potential |
| PAH | Polycyclic Aromatic Hydrocarbon |
| pH | Potential Hydrogen |
| PSEGLI | Public Service Electric and Gas Company – Long Island |
| Q1 | First Quarter |
| Q2 | Second Quarter |
| Q3 | Third Quarter |
| Q4 | Fourth Quarter |
| RAP | Remedial Action Plan |
| RIR | Remedial Investigation Report |
| TOGS | Technical and Operational Guidance Series |
| TSDF | Treatment, Storage, and Disposal Facility |
| µg/L | Micrograms per liter |
| VHB | Vanasse Hangen Brustlin, Inc. |
| WLE | Water Level Elevation |
| | |

# 1. Introduction

This annual report presents the results of the groundwater monitoring (GM), and operations, maintenance, and monitoring (OM&M) work completed during this reporting period (Q4 2024 through Q3 2025) for the Halesite Former Manufactured Gas Plant (MGP) Site (the Site) located on New York Avenue in Halesite, within the Town of Huntington, Suffolk County, New York (Figure 1).

The sampling and data collection procedures were conducted in general accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved OM&M Plan (GEI Consultants, Inc. [GEI], 2009) and in accordance with the approved reduction criteria detailed in the July 2014 letter titled, "Long Term Groundwater Monitoring Program Reductions and Remediation System Shutdown Criteria." This report has been prepared in accordance with the requirements of Section 6 of Division of Environmental Remediation, Technical Guidance for Site Investigation and Remediation (DER10), and Order on Consent, Index No. D100019811 signed by KeySpan Corporation (currently known as National Grid) and the NYSDEC.

GM and OM&M activities included GM, non-aqueous phase liquid (NAPL) monitoring and recovery, and OM&M of an oxygen injection system.

This report is organized as follows:

- **Section 1:** Site Background and Geology.
- **Section 2:** NAPL Monitoring and Recovery.
- **Section 3:** Groundwater Monitoring.
- **Section 4:** Conclusions and Recommendations.

## 1.1. Site Background

The Site is approximately 1 acre in size and is located along New York Avenue, approximately 200 feet east of Huntington Harbor. The topography of the Site generally slopes towards Huntington Harbor. The elevation of the Site ranges from approximately 15 feet above mean sea level (MSL) near the western boundary in the lowland area to approximately 85 feet above MSL at the eastern boundary in the upland area. The undeveloped upland area rises sharply eastward from approximately 20 to 60 feet above MSL and continues to slope upwards to a high point near the northeast corner of the property.

The former MGP Site is believed to have initiated operations around 1892 and continued to operate through approximately 1918. The MGP structures were later dismantled and removed from the Site. The results of the investigations and discussion of the Site history are presented in the Final Remedial Investigation Report (RIR), dated April 2004.

Currently, an active Public Service Enterprise Group Long Island (PSEGLI) electric substation is located on the western-third, or lowland area, of the Site. The remaining eastern two-thirds of the property, or upland area, is undeveloped land that is characterized by a steep slope. The slope was formerly heavily

vegetated but was cleared and stabilized with new plantings during Site remediation. The surrounding area is currently primarily residential with a mixture of commercial properties along New York Avenue.

The final Remedial Action Plan (RAP) prepared by GEI in which shallow source area soil excavation, construction of an engineered cap across the two DNAPL tar source areas in the Upland Area, and the construction of a groundwater treatment system in the Lowland Area was selected as the final remedy for the Site, was submitted by National Grid (KeySpan) and approved by the NYSDEC in March 2006. A summary of the Site investigation and remedial activities in addition to those selected in the RAP is presented below in Table 1a.

**Table 1a. Summary of Site Investigation and Remedial Activities**

| Date | Remedial Activity | Activity Detail | Conducted By |
|---|---|---|---|
| 1997 | Phase I Site Investigation | Piezometer and monitoring well installation, soil, and groundwater sampling | Fluor Daniel GTI |
| 2001 to 2004 | Remedial Investigations | Included soil, soil vapor and groundwater sampling, monitoring well installations | D&B, VHB |
| August 2005 | Substation Clean Utility Corridor Installation Project | Removal of approximately 180 tons of soil and other material from the substation area | GEI |
| October 2008 | Shallow Soil Excavation | Removal of approximately 400 tons of impacted soil, including the top 2 feet of soil in the upland area | AKRF/Creamer |
| November 2008 to February 2009 | Onsite Impacted Soil Excavation | Removal of approximately 5,800 tons of impacted soil from four onsite source areas | AKRF/Creamer |
| February 2009 | DNAPL Delineation Program | Soil borings | GEI |
| February to March 2009 | Offsite Impacted Soil Excavation | Removal of approximately 1,150 tons of offsite impacted soil from adjacent office building parking lot | AKRF/Creamer |
| May 2009 | Oxygen Injection System (Including Additional Monitoring Well Installations) | Installed in the lowland area, to treat groundwater impacted by residual soil impacts | AKRF/GEI |
| 2009 to current | DNAPL Recovery | See Section 2 | GEI |

Notes:
DNAPL: Dense Non-Aqueous Phase Liquid
D&B: Dvirka and Bartilucci
VHB: Vanasse Hangen Brustlin, Inc.
AKRF: Allee King Rosen & Fleming

## 1.2. Site Geology

The subsurface sediments underlying the Site and surrounding area are comprised of a relatively thick sequence of sand, gravel, silt, and clay.

From the ground surface, four distinct stratigraphic units exist, and consist of topsoil/fill material, a shallow sand unit, a fine-grained unit, and a glacial sand unit. The fine-grained unit is generally continuous onsite and is encountered at depths ranging from approximately 8 to 70 feet below ground surface (ft bgs) in the lowland and upland areas of the Site, respectively, with thicknesses of up to 8 feet in the upland area. This unit is not present in the extreme western portion of the lowland area and immediately downgradient of the Site. Additional information regarding Site geology is available in the April 2004 RIR.

## 1.3. Well Abandonments

A total of 18 monitoring wells and four recovery wells at the Site were abandoned in the current reporting period. The location of the wells is shown on Figure 2.

A work plan for well abandonments was submitted to the NYSDEC on October 24, 2024, and was approved with modifications following two rounds of comments and associated responses from National Grid. In addition to the well abandonments, the modified also included the redevelopment of seven recovery wells. The abandonment activities were conducted in accordance with the approved work plan and NYSDEC Technical Guidance CP43: Groundwater Monitoring Well Decommissioning Policy (CP43), dated November 3, 2009. A table showing the abandoned wells is provided below. A report summarizing the activities was submitted to NYSDEC on August 29, 2025, and is included as Appendix A.

| Monitoring/Recovery Well ID | Well Diameter (in.) | Total Depth (feet) | Screened Zone (feet) |
|---|---|---|---|
| RW-1 | 6 | 12 | 5-10 |
| RW-2 | 6 | 11 | 4-9 |
| RW-10 | 6 | 12 | 5-10 |
| RW-11 | 6 | 12 | 5-10 |
| MW-04 | 2 | 21 | 1-21 |
| HHMW-04I | 2 | 40 | 30-40 |
| HHMW-05S1R | 1 | 28 | 18-28 |
| HHMW-07S1 | 2 | 8 | 3-8 |
| HHMW-07S2 | 2 | 26 | 16-26 |
| HHMW-07I | 2 | 55 | 45-55 |
| HHMW-07D | 2 | 125 | 115-125 |
| HHMW-08S | 2 | 12 | 2-12 |
| HHMW-08I | 2 | 45 | 35-45 |
| HHMW-09I | 2 | 53 | 43-53 |
| HHMW-09D | 2 | 95 | 85-95 |
| HHMW-11SR | 1 | 13 | 3-13 |
| HHMW-16S2 | 1 | 45 | 35-45 |
| HHMW-17S1 | 1 | 25 | 20-25 |
| HHMW-17S2 | 1 | 40 | 30-40 |
| HHMW-18S2 | 1 | 29 | 19-29 |
| HHMW-21S1 | 1 | 8 | 3-8 |
| HHMW 21S2 | 1 | 25 | 15-25 |

# 2. NAPL Monitoring and Recovery

## 2.1. Program Scope and Purpose

Thirteen passive NAPL recovery wells (RW-1 through RW-11, RW-5D, and RW-9D) were installed along the perimeter of the lowland area. Four recovery wells, along with 18 monitoring wells (as discussed in Section 1) were abandoned in June 2025 with NYSDEC approval. The remaining recovery wells, excluding those with measurable thickness of NAPL (RW-5D and RW-9D) were redeveloped in June 2025. The remaining nine recovery wells, along with monitoring wells MW-03, HHMW-05S2R, HHMW-09S2, and HHMW-22S1 continue to be monitored for the presence of NAPL.

Monitoring wells HHMW-15S and HHMW-22S1 have historically exhibited measurable thicknesses of NAPL; however, based on recent observations, it appears that the well screen at these wells have become clogged or blocked. As such, as previously recommended, these wells were redeveloped during Q3 2023 in an attempt to rehabilitate them and make them viable for continued NAPL monitoring and/or sampling. Well locations are depicted on Figure 2.

Recovery wells RW-5D and RW-9D and monitoring wells MW-03, HHMW-05S2, HHMW-09S2, HHMW-15S, HHMW-22S1 are monitored quarterly. The remaining recovery wells are monitored annually due to limited detections of NAPL. Recovery is conducted from wells with greater than 1 foot of DNAPL during these monitoring events. It should be noted that the recovery wells were constructed with a 2-foot sump, designed to immobilize any DNAPL which may accumulate within the wells.

A summary of maximum historical NAPL monitoring results and current monitoring frequencies at the Site is provided below in Table 2a.

**Table 2a. NAPL Monitoring Summary**

| Well | Location | Historical Maximum NAPL Thickness (feet) | Period Measured (Start) | Current Well Status | Current Monitoring Frequency | Comments |
|---|---|---|---|---|---|---|
| HHMW-12 | Upland | 0.4* | Q2 2005 | Abandoned | NA | Abandoned – Replaced by HHMW-16 Cluster* |
| HHMW-10 | Lowland – substation | 2.3 | Q2 2005 | Abandoned | NA | Replacement for HHRW-01 |
| HHRW-01 | Lowland – substation | | NA | Destroyed | NA | Replaced by HHMW-10 |
| HHMW-05S2R | Lowland | 0.2 | Q3 2012 | Active | Quarterly | |
| HHMW-09S2 | Lowland | 3.68 | Q4 2008 | Active | Quarterly | |
| HHMW-15S | Lowland – substation | 2.6 | Q4 2011 | Active | Quarterly | Replacement for HHRW-10 |
| HHMW-22S1 | Lowland – offsite office bldg.. | 3.8 | Q3 2009 | Active | Quarterly | |
| RW-5D | Lowland | 1.25 | Q4 2009 | Active | Quarterly | |
| RW-9D | Lowland | 3.0 | Q1 2017 | Active | Quarterly | |
| MW-03 | Lowland | 0.02 | Q3 2014 | Active | Quarterly | |

Notes:
*: Light non-aqueous phase liquid (LNAPL), all other measurements are DNAPL.
**: No evidence of NAPL has been observed at the HHMW-16 cluster.
NA: Not Applicable.

Wells with measurable thickness have recently been limited to recovery wells RW-5D and RW-9D.

## 2.2. NAPL Monitoring and Recovery Data

Historically, DNAPL has been observed in nine onsite recovery and monitoring wells and one offsite monitoring well (HHMW-22S1). LNAPL has only been observed in one well in the historical monitoring period. The well in which the LNAPL was detected was abandoned during remedial activities and replaced by new wells. No LNAPL has been detected in the new wells since they were installed. Since completion of the remedial excavations, NAPL has not been detected in the Upland area. However, as the substation is still active, remedial excavations have not been able to be completed within the substation and, as a result, DNAPL has continued to be detected within and in the vicinity of the substation area. DNAPL has either not been observed or has been only identified at trace levels at offsite monitoring well HHMW-22S1 since Q4 2015.

Recovery wells continue to exhibit the greatest DNAPL thicknesses. DNAPL was observed in three wells (RW-5D, RW-9D and HHMW-15S) during this reporting period, ranging from trace levels to 1.01 feet (recovery well RW-9D). It should be noted that, following redevelopment of well HHMW-15S and

HHMW-22S1 during Q3 2023, well HHMW-15S exhibited measurable thickness of NAPL during the previous reporting period, but was only observed at trace levels during the current reporting period. NAPL has not been observed following redevelopment in well HHMW-22S1.

DNAPL thickness measurements for this and recent historical reporting periods, as well as DNAPL recovery totals for this reporting period (approximately 1.3 gallons), are provided on Table 2b.

**Table 2b. Summary of Recent DNAPL Thickness and Recovery Totals**

| Well | Screen Interval | Average DNAPL Thickness (feet) | | | | Approximate Total Volume Recovered this Reporting Period | Approximate Cumulative Total Volume Removed |
|---|---|---|---|---|---|---|---|
| | (feet) | 2022 | 2023 | 2024 | 2025* | (gallons) | (gallons) |
| RW-5D | 15-25 | 0.29 | 0.15 | 0.10 | 0.56 | 0 | 11.5 |
| RW-9D | 14-24 | 1.04 | 0.79 | 1.04 | 0.45 | 1.3 | 128.9 |
| HHMW-05S2R | 18-28 | 0.05 | 0.01 | NO | NO | 0 | 0.45 |
| HHMW-09S2 | 17.5-27.5 | 0.005 | NO | NO | NO | 0 | 0.88 |
| HHMW-15S | 7.5-12.5 | NM | 0.17 | .01 | 0.01 | 0 | 4.65 |
| HHMW-22S1 (offsite) | 7.5-12.5 | NO | NO | NO | NO | 0 | 8 |
| | | | | | **Totals** | **1.3** | **154.3** |

Notes:
*: Values represent the first three quarters (Q1, Q2, and Q3) of 2025
NO: Not observed
Trace amounts of DNAPL are estimated as 0.01 feet when calculating averages.

## 2.3. Waste Management

The DNAPL and associated purge water recovered during this reporting period were staged in properly labeled 55-gallon drums located in a designated area onsite for subsequent offsite disposal by a licensed liquid hazardous waste transporter at an approved treatment, storage, and disposal facility (TSDF).

# 3. Oxygen Injection System OM&M and Groundwater Monitoring

## 3.1. Oxygen Injection System OM&M

### *3.1.1. Program Purpose and Scope*

An oxygen injection system exists at the Site, which injects oxygen around the perimeter of the lowland area to promote microbial reduction of groundwater impacts due to residual soil MGP-related impacts at the Site. As described above, these residual MGP-related impacts could not be excavated due to accessibility issues associated with the steep slopes in the upland area and the active electrical substation in the lowland area. The oxygen injection system became operational on May 4, 2009, and its location is depicted on Figure 2.

### *3.1.2. Current Monitoring Activities*

A list of monitoring wells and current sampling frequencies (annual or semiannual) are provided on Table 3-1. It is noted that a total of 18 monitoring wells were abandoned during this reporting period (June 2025) with NYSDEC approval. Current oxygen injection system monitoring activities are summarized below in Table 3a.

**Table 3a. Description and Location of Analytical and Monitoring Results**

| Current Activity | Description | Frequency | Location of Results |
|---|---|---|---|
| Oxygen System Monitoring | Routine inspection, operational parameter monitoring, and system optimization | Monthly | Appendix B (field logs not included) |
| Performance Monitoring of Oxygen Injection System | Monitoring of groundwater chemistry parameters | Semiannually | Table 3-2 |
| | Groundwater sampling | Semiannually | Tables 3-4, 3-5, 3-6 |

To ensure that system runtime is maximized between onsite monitoring events, a telemetry system provides remote access to system parameters and settings. This system also transmits email alerts of alarms, signaling that the system is down.

### *3.1.3. Oxygen Injection System OM&M Data*

## System Operational Data

The oxygen injection system operated nearly every day during this reporting period. Downtime was generally limited to approximately 5 days due to an issue with the air separator during Q1 2025 and 1 day to power failures in Q2 2025.

The system injected between approximately 2,792 pounds (Q4 2025) to 6,588 pounds (Q1 2025) of oxygen during each quarter and 619,415 pounds since system startup in May 2009. Calculated injected oxygen mass is provided in Appendix B.

## Groundwater Parameters

Groundwater parameters including dissolved oxygen (DO), (ORP), pH, conductivity, and temperature are monitored to evaluate system performance.

The oxygen injection system has historically been generally effective at increasing DO concentrations and ORP in groundwater. DO and ORP values in groundwater were lower than the baseline values in downgradient wells during the current annual monitoring period; however, this is largely due to the elimination of numerous wells with historically higher ORP values and low concentrations of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and polycyclic aromatic hydrocarbon (PAHs). Table 3b summarizes these parameters, as well as pH, conductivity, and temperature for Q1 2025. Values for Q3 2025 are not included as many of the wells previously monitored were abandoned in Q2 2025 as described in Section 1.

**Table 3b. Summary of Groundwater Parameters**

| Parameter | Area | Baseline Value Average | Operational Value Average | Q1 2025 Average |
|---|---|---|---|---|
| **DO (mg/L)** | Upgradient | 3.21 | 7.27 | 9.21 |
| | Injection Area | 4.78 | 16.91 | 7.94 |
| | Downgradient | 5.17 | 4.04 | 9.87 |
| **ORP (mV)** | Upgradient | 204 | 280 | 165 |
| | Injection Area | 170 | 198 | 250 |
| | Downgradient | 125 | 95 | -46 |
| **pH** | Upgradient | 5.30 | 5.11 | 5.79 |
| | Injection Area | 5.75 | 5.56 | 3.82 |
| | Downgradient | 5.93 | 5.87 | 6.24 |
| **Conductivity (mS/cm)** | Upgradient | 0.233 | 0.422 | 0.199 |
| | Injection Area | 0.589 | 0.494 | 0.121 |
| | Downgradient | 0.574 | 0.542 | 0.520 |
| **Temperature (°C)** | Upgradient | 12.61 | 13.63 | 12.01 |
| | Injection Area | 10.40 | 13.51 | 11.23 |

| Parameter | Area | Baseline Value Average | Operational Value Average | Q1 2025 Average |
|---|---|---|---|---|
| | Downgradient | 11.73 | 14.41 | 8.41 |

Notes:
mg/L: milligrams per liter
mV: millivolts
mS/cm: micro Siemens per centimeter
Trace amounts of DNAPL are estimated as 0.01 feet when calculating averages.
°C: degrees Celsius
NM: Not Measured
Baseline values were established during the April 2009 sampling round, prior to system startup.
Green highlight indicates increase from baseline value.

A complete summary of groundwater parameter data is included in Table 3-2.

## 3.2. Groundwater Monitoring

### *3.2.1. Program Purpose and Scope*

GM is completed on a semiannual basis to monitor groundwater quality and oxygen injection system effectiveness. A total of 18 monitoring wells located throughout and downgradient of the Site were abandoned in June 2025 in accordance with the NYSDEC-approved work plan as described in Section 1. The location of the active and abandoned wells along with the geographic boundaries of the Site are depicted on Figure 2.

The Site has been divided into three separate areas: the upland area onsite, upgradient of the oxygen injection system; the oxygen injection area onsite; and downgradient of the Site. A fourth offsite side-gradient area also exists to the south of the Site (see Figure 2). In addition, the wells are divided into two hydrogeologic zones (shallow and intermediate). The boundary between the two hydrogeologic zones is defined by the fine-grained unit, which is present throughout the majority of the Site and downgradient areas. Monitoring wells are typically sampled across the tidal cycle given the close proximity of the Site to Huntington Harbor.

Ten monitoring wells within the well network are included in the annual sampling scope; however, HHMW-15S was not sampled due to the presence of DNAPL within the well and HHMW-22S1 was dry and could not be sampled.

As approved by NYSDEC on March 22, 2021, depth-to-groundwater (DTW) measurements and groundwater elevation calculations are currently completed on an annual basis.

### *3.2.2. Site Activity*

The following GM activities were conducted during the annual monitoring period:

- DTW measurements were collected from 13 monitoring wells on August 13, 2025 (Table 3-3).

- Groundwater samples were collected for laboratory analysis from five monitoring wells during the Q1 2025 semiannual sampling event.
- Groundwater samples were collected for laboratory analysis from eight monitoring wells during the Q3 2025 annual sampling event.

### *3.2.3. Groundwater Elevation Data*

Measured groundwater levels and calculated elevations are provided in Table 3-3. Groundwater contour maps representing groundwater flow during the Q3 2025 monitoring period are provided for the shallow zone Figures 3 and 4. As a result of the recent monitoring well abandonments, there are no intermediate wells remaining; therefore, groundwater contours were not generated for the intermediate zone. The groundwater flow direction at the Site is generally westward, towards Huntington Harbor.

### *3.2.4. Groundwater Analytical Data*

Of the 10 wells currently comprising the groundwater sampling program, oxygen system area well HHMW-15S and sidegradient well HHMW-22S1 were not sampled during either sampling event during this reporting period due to the presence of DNAPL in HHMW-15S, and due to HHMW-22S1 being dry.

Groundwater analytical data (BTEX and PAH) generated during this reporting period are presented on Table 3-4, while historical total BTEX and PAH results are presented on Tables 3-5 and 3-6, respectively. Laboratory analytical reports are provided in Appendix C. Contaminant concentrations are compared to New York State Technical and Operational Guidance Series (TOGS), 1.1.1 – Ambient Water Quality Standards and Guidance Values (AWQS) for Class GA groundwater.

#### BTEX and PAH Concentrations and Trends

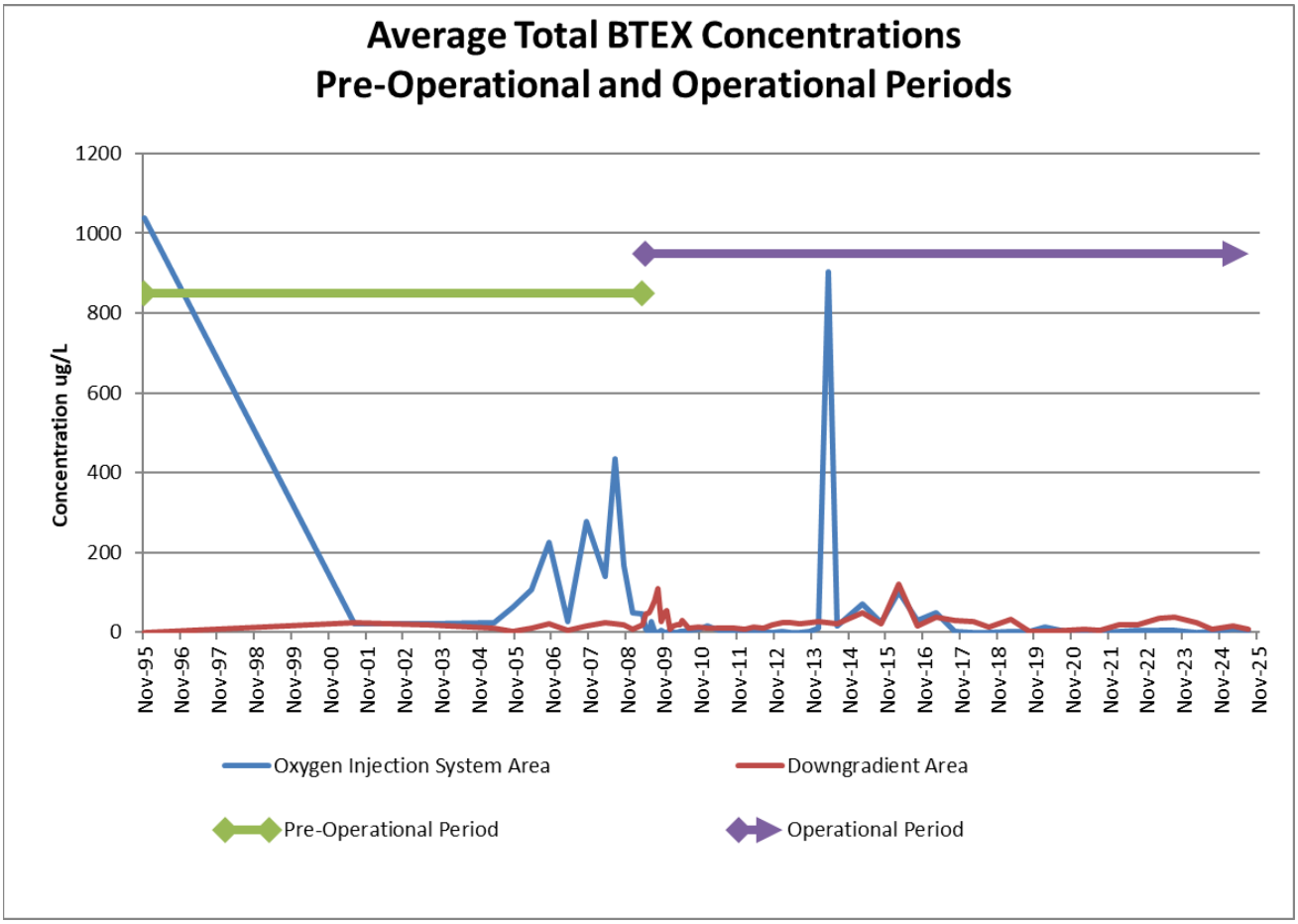
*BTEX*

Exceedances of the AWQS for BTEX compounds were identified in three of the eight monitoring wells during this reporting period, as summarized below.

- Downgradient well HHMW-19S1 exhibited ethylbenzene concentrations ranging from 5.7 µg/L to 12 µg/L. The AWQS for ethylbenzene is 5 µg/L.
- Oxygen injection area well HHMW-09S1 and MW-03 exhibited total xylene concentrations above their respective AWQS. The total xylene detections in HHMW-09S1 were above the AWQS in both sampling events ranging from 6.9 µg/L to 14 µg/L, while total xylene exceedances in MW-03 were limited to the annual sampling event (5.7 µg/L). The AWQS for total xylene is 5 µg/L.

Historical average total BTEX concentrations at and downgradient of the Site are presented in the graph below. Concentrations represented in the graph have only included shallow wells since 2016, at which time sampling of intermediate wells in these areas was discontinued in accordance with the approved reduction criteria. It is noted that side-gradient monitoring well HHMW-22S1 is not included in the graph.

In general, average total BTEX concentrations have remained low, and have exhibited a marked reduction in the oxygen injection system area following startup of the system in May 2009. Temporary increases are likely the result of new monitoring wells being installed in targeted areas, temporarily increasing average BTEX concentrations in those areas. Similarly, the slight increase noted in 2016 is likely attributable to the elimination of wells exhibiting historically low concentrations.




Note: Graph does not include monitoring well HHMW-15S due to the historical presence of DNAPL.

Excluding HHMW-19S1, total BTEX concentrations in downgradient wells have generally remained low (below 100 µg/L) since oxygen injection system startup in May 2009. However, total BTEX concentrations in HHMW-19S1 have decreased substantially since Q1 2016 (283 µg/L), exhibiting concentrations of only 15 µg/L and 8 µg/L, respectively, during this reporting period.

## *PAHs*

Exceedances of the AWQS for PAHs were identified in four of the eight monitoring wells located throughout the Site during this reporting period. The greatest concentrations of PAHs were identified in oxygen injection area well MW-03, which has had sporadic historical observations of NAPL in the well.

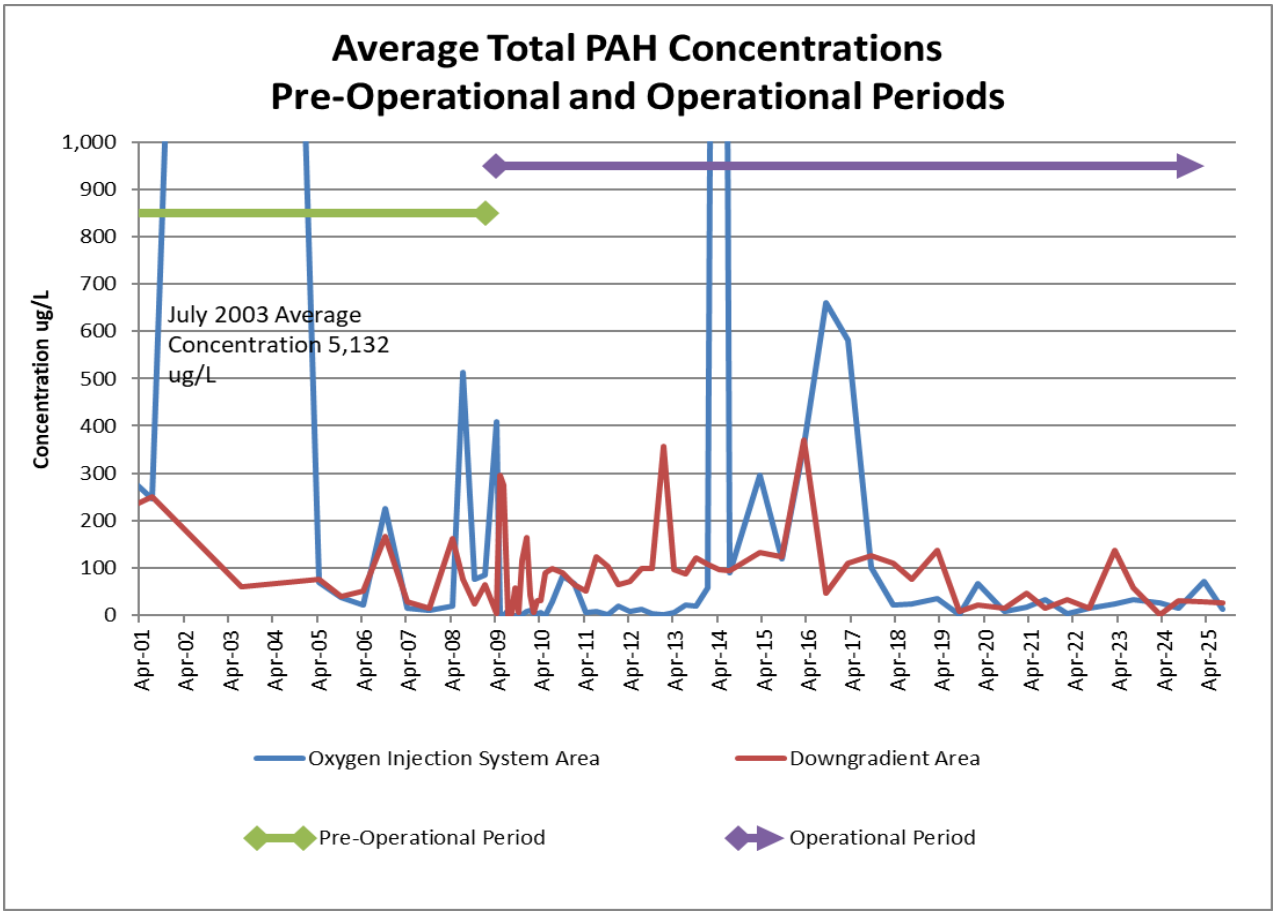
Analytical results from this reporting period are summarized by area as follows:

- Upland (upgradient) well HHMW-14 exhibited and exceedance of benzo(a)pyrene (0.87 µg/L) above the AWQS of non-detect during Q1 2025. There were no PAH exceedances in this well during the annual sampling event.
- Oxygen system area wells HHMW-09S1 and MW-03 exhibited several PAH compounds at concentrations above their respective AWQS during both sampling events in HHMW-09S1 and during the annual event in MW-03. Total PAHs in HHMW-09S1 ranged in concentration from 6.19 µg/L to 24.19 µg/L. Total PAHs in MW-03 were detected at 207 µg/L in Q1 2025 but were reduced to 16.5 µg/L in Q3 2025.
- Downgradient well HHMW-19S1 exhibited slight exceedances of acenaphthene during both sampling events with a detection of 21 µg/L in each event. The AWQS for acenaphthene is 20 µg/L. Total PAHs were relatively stable in both sampling events ranging from 26.1 µg/L to 27.6 µg/L.

Historical average total PAH concentrations at and downgradient of the Site are presented in the graph below. Concentrations represented in the graph have only included shallow wells since 2016, at which time sampling of intermediate wells in these areas was discontinued in accordance with the approved reduction criteria. It is noted that side-gradient monitoring well HHMW-22S1 is not included in the graph.

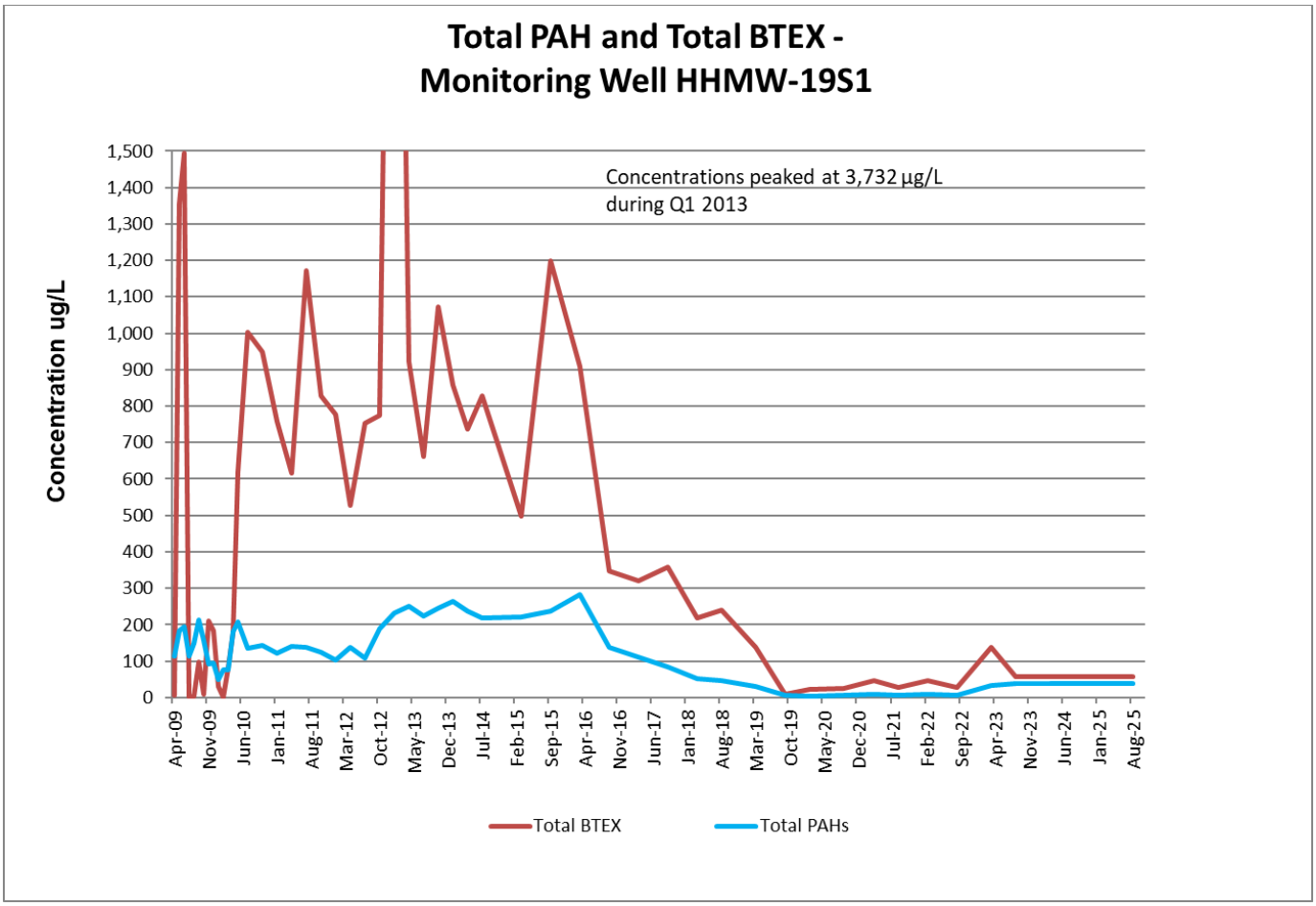
Overall, PAH concentrations have remained generally low in the majority of the wells in the area of the oxygen injection system, including this reporting period, resulting in the elimination of several wells from the sampling program, in accordance with the approved reduction criteria.

Average total PAH concentrations at and downgradient of the Site have been trending downward since 2016 to 2017, when a temporary marked increase in average PAH concentrations was noted, which is likely attributable to the sampling of several wells that have historically exhibited measurable thicknesses of DNAPL (MW-03 and HHMW-05S2R). Since this time, total PAH concentrations have decreased, as these wells have not shown the presence of measurable thicknesses of DNAPL in recent events.




Note: Does not include data from any monitoring wells with measurable thicknesses of DNAPL at the time of sampling.

Elevated PAH concentrations in the downgradient area have generally been limited to well HHMW-19S1. However, similar to total BTEX, the total PAH concentrations in well HHMW-19S1 have significantly decreased and remained near historical lows during this reporting period, continuing the general downward trend from the historical high of 3,732 µg/L in Q1 2013, as shown in the graph below.


Total PAH and Total BTEX -
Monitoring Well HHMW-19S1
Concentrations peaked at 3,732 µg/L
during Q1 2013
Concentration ug/L
1,500
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
Apr-09
Nov-09
Jun-10
Jan-11
Aug-11
Mar-12
Oct-12
May-13
Dec-13
Jul-14
Feb-15
Sep-15
Apr-16
Nov-16
Jun-17
Jan-18
Aug-18
Mar-19
Oct-19
May-20
Dec-20
Jul-21
Feb-22
Sep-22
Apr-23
Nov-23
Jun-24
Jan-25
Aug-25
Total BTEX
Total PAHs

# 4. Conclusions and Recommendations

## 4.1. Conclusions

The oxygen injection system at the Site is operating as designed. DNAPL continues to be observed in limited onsite wells, with select recovery wells continuing to exhibit the greatest thicknesses and recovery totals. DNAPL was observed in only three wells during this reporting period, ranging from a trace to 1.01 feet (recovery well RW-9D). DNAPL recovery at the Site is limited, with a total of approximately 1.3 gallons recovered during this reporting period.

Operation of the oxygen injection system and DNAPL recovery efforts at the Site have resulted in the reduction of historical total BTEX and total PAH concentrations of over an order-of-magnitude at and downgradient of the Site. Slight to marginal downgradient exceedances of limited BTEX and PAH compounds in HHMW-19S1 were observed during this reporting period, with BTEX and PAH concentrations continuing to decrease over time. As a result of the low concentrations historically observed in numerous wells, a total of 18 monitoring wells were abandoned with NYSDEC approval during the reporting period.

As previously recommended, monitoring wells HHMW-15S and HHMW-22S1 were redeveloped during Q3 2023 in an attempt to rehabilitate them and make them viable for continued DNAPL monitoring and/or sampling. DNAPL was only observed at trace levels within HHMW-15S during this reporting period and HHMW-22S1 was dry during several gauging events, possibly the result of a blockage.

## 4.2. Recommendations

Based on review of the above well gauging and associated analytical results, it is recommended to continue GM and oxygen injection system OM&M activities per the current schedule and in accordance with the approved reduction criteria detailed in the July 2014 letter titled, “Long Term Groundwater Monitoring Program Reductions and Remediation System Shutdown Criteria,” as follows:

- As identified in Section 2.1, recovery wells RW-5D and RW-9D and monitoring wells MW-03, HHMW-05S2, HHMW-09S2, HHMW-15S and HHMW-22S1 will be monitored for DNAPL on a quarterly basis, with the remaining recovery wells monitored annually.
- Given the limited NAPL observed in HHMW-15S, it is recommended that a new well be installed. A work plan for the well installation has been submitted and approved by NYSDEC.
- Monitoring well HHMW-22S1 should be inspected and any potential blockage cleared, if possible. The inspection will be visual, or by downhole camera if needed.
- Oxygen injection system OM&M will be completed per the frequencies identified on Table 3a.
- As identified in Section 3.2.1, DTW measurements and groundwater elevation calculations will be completed on an annual basis.
- The current list of monitoring wells will be sampled per the frequencies (annual or semiannual) identified on Table 3-1. Modifications to the sample frequencies for the next sampling round

(Q1 2026) are limited to a change from semi-annual to annual in monitoring wells HHMW-05S2R and HHMW-18S1. If DNAPL is observed within a well during gauging, that well will not be sampled.

# 5. References

AKRF (2010). "Draft Final Engineering Report, Halesite Former Manufactured Gas Plant Site," March 31.

GEI (2006). "Remedial Action Plan, Halesite Former MGP Site," March.

GEI (2007). "Hydrologic Study, Bay Shore/Brightwaters Former MGP Site, Bay Shore, New York, Site # 152172," December 31.

GEI (2009). "Operations, Maintenance, and Monitoring Plan, Halesite Former MGP Site." May 6.

GEI (2009). "DNAPL Delineation Report, Halesite Former Manufactured Gas Plant Site," June 30.

GEI (2009). "Groundwater Monitoring Report, Second Quarter 2009, Halesite Former Manufactured Gas Plant Site, Halesite, New York," August 31.

GEI (2010). "Oxygen Injection System Startup Summary Report, Halesite Former Manufactured Gas Plant Site, Halesite, New York," March 30.

New York State Department of Health (2006). Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October.

Vanasse Hangen Brustlin, Inc. (2004). "Halesite Former Manufactured Gas Plant Site, Final Remedial Investigation Report," April 16.

# Tables

**Table 2-1. NAPL Gauging Summary**

**Table 2-2. Onsite NAPL Gauging and Recovery Lot**

**Table 3-1. Groundwater Monitoring Well Sampling Schedule**

**Table 3-2. Summary of Groundwater Parameter Data**

**Table 3-3. Water Level Measurements and Calculated Water Elevations**

**Table 3-4. Groundwater Analytical Results**

**Table 3-5. Summary of Historical Total BTEX Results**

**Table 3-6. Summary of Historical Total PAH Results**

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2009 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5/11/2009 | 5/14/2009 | 5/18/2009 | 5/21/2009 | 5/26/2009 | 6/11/2009 | 7/7/2009 | 8/7/2009 | 9/8/2009 | 10/29/2009 | 11/17/2009 | 12/2/2009 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | | | |
| RW-1 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-2 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-3 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-4 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5D | NO | ~0.25 | ~ 0.38 | ~ 0.2 | ~0.1 | Trace | Trace | 0.5 | 1.0 | 0.83 | 1.08 | 1.25 |
| RW-6 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-7 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-8 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9D | NO | NO | NO | NO | NO | NO | NO | Trace | 0.4 | 0.5 | 0.875 | 1.08 |
| RW-10 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-11 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| HHMW-09S2 | NM | NM | NM | NM | NM | 7.48* | NM | NM | 0.5 | 0.42 | 0.67 | 0.67 |
| HHMW-15S | NM | NM | NM | NM | NM | NM | NM | NM | NM | 0.67** | NM | NM |
| HHMW-05S2R | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| MW-03 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2010 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/29/2010 | 3/2/2010 | 3/26/2010 | 4/30/2010 | 5/28/2010 | 6/18/2010 | 7/28/2010 | 8/31/2010 | 10/4/2010 | 10/29/2010 | 11/30/2010 | 12/30/2010 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | | | |
| RW-1 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-2 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-3 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-4 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5D | NM(1) | NM(1) | NM(1) | Trace | Trace | NM(1) | NM(1) | 0.08 | 0.08 | 0.08 | 0.08 | Trace |
| RW-6 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-7 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-8 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9D | NM(1) | NM(1) | NM(1) | 0.11 | 0.3 | NM(1) | NM(1) | 0.42 | 0.58 | 0.75 | 0.75 | 0.83 |
| RW-10 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-11 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| HHMW-09S2 | NM(1) | NM(1) | NM(1) | 0.11 | Trace | NM(1) | NM(1) | NO | NO | 0.08 | 0.08 | Trace |
| HHMW-15S | 0.33** | NM | NM | 0.12** | NM | NM | 0.97** | NM | NM | 0.71** | NM | NM |
| HHMW-05S2R | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| MW-03 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2011 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/24/2011 | 2/18/2011 | 3/29/2011 | 4/29/2011 | 5/20/2011 | 6/22/2011 | 7/19/2011 | 8/29/2011 | 9/30/2011 | 10/20/2011 | 11/15/2011 | 12/23/2011 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | | | |
| RW-1 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-2 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-3 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-4 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5D | 0.17 | 0.04 | 0.08 | 0.08 | 0.08 | 0.08 | 0.04 | 0.08 | 0.08 | 0.08 | 0.04 | 0.16 |
| RW-6 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-7 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-8 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9D | 0.75 | 0.75 | 0.83 | 0.75 | 0.83 | 0.75 | 0.58 | 0.58 | 0.83 | 0.67 | 0.83 | 0.75 |
| RW-10 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-11 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| HHMW-09S2 | 0.17 | Trace | Trace | 0.04 | Trace | 0.08 | Trace | Trace | 0.08 | 0.04 | Trace | 0.16 |
| HHMW-15S | 0.8** | NM | NM | 0.9** | NM | NM | 1.5** | NM | NM | 2.6** | NM | NM |
| HHMW-05S2R | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| MW-03 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2012 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/26/2012 | 2/27/2012 | 3/26/2012 | 5/2/2012 | 5/31/2012 | 6/27/2012 | 7/31/2012 | 8/29/2012 | 9/25/2012 | 11/9/2012 | 11/30/2012 | 12/12/2012 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | | | |
| RW-1 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-2 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-3 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-4 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5D | 0.16 | 0.08 | 0.3 | 0.4 | 0.4 | 0.3 | 0.08 | Trace | 0.2 | 0.2 | 0.2 | 0.2 |
| RW-6 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-7 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-8 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9D | 0.75 | 0.75 | 0.8 | 1.4 | 0.7 | 0.7 | 0.75 | 0.8 | 1.1 | 1.3 | 0.7 | 0.8 |
| RW-10 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-11 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| HHMW-09S2 | Trace | Trace | Trace | Trace | Trace | Trace | Trace | 0.1 | Trace | Trace | Trace | Trace |
| HHMW-15S | 0.8 | NM | NM | 2.1 | NM | NM | NM | NM | 4.0 | NM | NM | 3.5 |
| HHMW-05S2R | NM | NM | NM | NM | NM | NM | NM | NM | 0.2 | Trace | Trace | 0.1 |
| MW-03 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2013 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/17/2013 | 2/18/2013 | 3/29/2013 | 4/26/2013 | 5/31/2013 | 7/25/2013 | 8/28/2013 | 9/30/2013 | 10/30/2013 | 11/26/2013 | 12/27/2013 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | | |
| RW-1 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-2 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-3 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-4 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-5D | 0.3 | 0.2 | 0.3 | 0.1 | 0.3 | 0.08 | 0.06 | Trace | 0.04 | 0.25 | 0.375 |
| RW-6 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-7 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-8 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-9D | 0.9 | 0.7 | 0.9 | 0.9 | 0.7 | 1.0 | 0.83 | 0.6 | 0.58 | 0.58 | 0.58 |
| RW-10 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| RW-11 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| HHMW-09S2 | Trace | Trace | 0.1 | Trace | 0.1 | NO | Trace | 0.02 | Trace | Trace | NO |
| HHMW-15S | NM | NM | 3.0 | NM | NM | NM | NM | 0.8 | NM | NM | Trace |
| HHMW-05S2R | Trace | 0.1 | 0.1 | Trace | Trace | 0.1 | NO | 0.02 | Trace | Trace | Trace |
| MW-03 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2014 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1/31/2014 | 2/28/2014 | 3/31/2014 | 4/28/2014 | 6/3/2014 | 6/25/2014 | 8/1/2014 | 8/29/2014 | 9/30/2014 | 12/29/2014 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | |
| RW-1 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-2 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-3 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-4 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-5 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-5D | 0.04 | 0.125 | 0.17 | 0.04 | 0.125 | NO | Trace | 0.08 | 0.21 | 0.16 |
| RW-6 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-7 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-8 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-9 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-9D | 0.58 | 0.58 | 0.83 | 0.5 | 0.75 | 0.3 | 0.9 | 1.67 | 0.54 | 1.25 |
| RW-10 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| RW-11 | NO | NO | NO | NO | NO | NO | NO | NO | NM | NM |
| HHMW-09S2 | Trace | Trace | Trace | Trace | 0.02 | NO | NO | Trace | Trace | 0.02 |
| HHMW-15S | NM | NM | NO*** | NM | NM | Trace | NM | NM | 0.17 | Trace |
| HHMW-05S2R | 0.04 | NM | 0.04 | 0.04 | 0.02 | Trace | Trace | 0.06 | 0.04 | 0.16 |
| MW-03 | Trace | Trace | Trace | Trace | Trace | Trace | Trace | Trace | 0.02 | NO |

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2015 | | | | 2016 | | | | 2017 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/31/2015 | 6/30/2015 | 9/25/2015 | 12/29/2015 | 4/12/2016 | 7/14/2016 | 10/4/2016 | 12/28/2016 | 3/30/2017 | 6/28/2017 | 9/25/2017 | 12/20/2017 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | | | |
| RW-1 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-2 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-3 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-4 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-5 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-5D | 0.06 | 0.04 | 0.21 | 0.08 | 0.04 | 0.04 | 0.42 | 0.04 | 0.06 | 0.08 | 0.06 | 0.33 |
| RW-6 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-7 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-8 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-9 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-9D | 1.25 | 1.16 | 1.0 | 1.2 | 1.7 | 1.1 | 1.5 | 2.4 | 3.0 | 2.5 | 2.4 | 2.6 |
| RW-10 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| RW-11 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NO | NM |
| HHMW-09S2 | 0.04 | Trace | 0.04 | Trace | Trace | Trace | NO | NO | Trace | Trace | Trace | NO |
| HHMW-15S | Trace | 0.08 | 1.25 | 0.33 | 0.04 | 0.04 | 0.06 | 0.67 | 0.04 | 0.06 | Trace | Trace |
| HHMW-05S2R | 0.04 | 0.02 | 0.08 | 0.125 | 0.125 | Trace | 0.02 | 0.06 | 0.06 | 0.06 | 0.13 | Trace |
| MW-03 | NO | NO | Trace | NO | NO | NO | Trace | Trace | Trace | Trace | Trace | NO |

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2018 | | | | 2019 | | | | 2020 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4/6/2018 | 6/13/2018 | 9/24/2018 | 12/7/2018 | 3/28/2019 | 6/28/2019 | 9/27/2019 | 12/27/2019 | 2/26/2020 | 4/22/2020 | 9/18/2020 | 12/29/2020 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | | | |
| RW-1 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-2 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-3 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-4 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-5 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-5D | 0.04 | 0.25 | 0.41 | 0.21 | 0.025 | 0.42 | 0.55 | 0.25 | 0.45 | 0.25 | 0.16 | 0.21 |
| RW-6 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-7 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-8 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-9 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-9D | 3.17 | 1.42 | 2.2 | 1.42 | 2.17 | 1.25 | 1.41 | 0.75 | 0.6 | 0.83 | 1.25 | 1.16 |
| RW-10 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| RW-11 | NM | NM | NO | NO | NO | NO | NO | NM | NO | NO | NO | NO |
| HHMW-09S2 | NO | NO | Trace | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| HHMW-15S | Trace | 0.04 | Trace | Trace | Trace | NO | NO | NO | NO | NO | NO | Trace |
| HHMW-05S2R | 0.04 | 0.04 | 0.04 | 0.04 | Trace | 0.04 | 0.04 | NO | 0.02 | 0.04 | 0.04 | Trace |
| MW-03 | NO | NO | Trace | NO | NO | NO | NO | NO | NO | Trace | NO | NO |

No measurable levels of LNAPL have been observed to date.

**Notes:**

NAPL = Non-aqueous phase liquid
DNAPL = Dense non-aqueous phase liquid
MGP = Manufactured Gas Plant
NO = None observed
NM = Not measured
NM (1) = Not measured - see Table 2-2
AB = Abandoned
* = Measurement suspect
** = Measurement taken during quarterly sampling round
*** = Measurement taken in April 2014

**Table 2-1. NAPL Gauging Summary**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | | 2025 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/23/2021 | 6/16/2021 | 8/10/2021 | 12/30/2021 | 3/15/2022 | 6/30/2022 | 8/15/2022 | 1/5/2023 | 4/6/2023 | 6/16/2023 | 8/31/2023 | 12/28/2023 | 3/29/2024 | 6/28/2024 | 9/6/2024 | 12/3/2024 | 3/4/2025 | 6/24/2025 | 8/12/2025 |
| **DNAPL Thickness (in feet)** | | | | | | | | | | | | | | | | | | | |
| RW-1 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | AB | AB |
| RW-2 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | AB | AB |
| RW-3 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | NO | NO |
| RW-4 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | NO | NO |
| RW-5 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | NO | NO |
| RW-5D | NO | 0.25 | 0.33 | 0.42 | 0.60 | 0.20 | 0.01 | 0.36 | 0.58 | 0.25 | Trace | Trace | 0.2 | Trace | 0.16 | Trace | 0.70 | 0.50 | 0.50 |
| RW-6 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | NO | NO |
| RW-7 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | NO | NO |
| RW-8 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | NO | NO |
| RW-9 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NO | NO | NO | NO |
| RW-9D | 1.54 | 1.25 | 1.4 | 2.83 | 1.34 | 0.80 | 0.23 | 1.78 | 1.25 | 1.00 | 0.60 | 0.32 | 2.40 | 0.70 | 1.04 | Trace | 0.01 | 0.33 | 1.01 |
| RW-10 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NO | NO | NO | NO | AB | AB |
| RW-11 | NM | NM | NO | NM | NM | NM | NO | NM | NM | NM | NO | NM | NM | NO | NO | NO | NO | AB | AB |
| HHMW-09S2 | NO | NO | Trace | Trace | Trace | Trace | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| HHMW-15S | Trace | Trace | Trace | Trace | NM | NM | NM | NM | NM | 0.33 | Trace | NM | NM | NM | Trace | NM | NM | NM | Trace |
| HHMW-05S2R | Trace | NO | Trace | 0.08 | Trace | 0.12 | 0.5 | Trace | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| MW-03 | NO | NO | Trace | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |

**Table 2-2. Onsite NAPL Gauging and Recovery Log**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2009 | 2010 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12/14/2009[1] | 1/5/2010[2] | 1/12/2010[3] | 1/19/2010[3] | 1/26/2010[3] | 2/5/2010[3] | 2/12/2010[4] | 3/8/2010[3] | 4/1/2010[3] | 4/30/2010[3] | 6/4/2010[3] | 7/20/2010[3] | 8/31/2010[3] | 10/4/2010[3] |
| Initial Thickness (in feet) | | | | | | | | | | | | | | |
| RW-5D | 1.25 | 1.25 | 0.5 | 0.33 | 0.25 | 0.17 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| RW-9D | 1.08 | 1.08 | 0.42 | 0.33 | 0.25 | 0.17 | 0.17 | 0.17 | 0.17 | 0.33 | 0.33 | 0.33 | 0.42 | 0.58 |
| HHMW-05S2R | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| HHMW-09S2 | NM | 0.66 | 0.25 | 0.17 | 0.17 | 0.17 | 0.08 | 0.17 | 0.25 | 0.08 | 0.08 | 0.08 | 0.00** | 0.00** |
| HHMW-15S | 0.67**** | NM | NM | NM | 0.33**** | NM | NM | NM | NM | 0.12**** | NM | 0.97**** | NM | NM |
| Amount Removed (in gallons) | | | | | | | | | | | | | | |
| RW-5D | 1.5 | NA | 1.1* | 0.40 | 0.30 | 0.20 | 0.10 | NA | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 |
| RW-9D | 1.5 | NA | 1* | 0.40 | 0.30 | 0.20 | 0.20 | NA | 0.20 | 0.40 | 0.40 | 0.40 | 0.50 | 0.70 |
| HHMW-05S2R | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| HHMW-09S2 | NA | NA | 0.1* | 0.05 | 0.05 | 0.05 | 0.02 | NA | 0.08 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 |
| HHMW-15S | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

**Notes**:
NAPL = Non-Aqueous Phase Liquid
MGP = Manufactured Gas Plant
(1) = DNAPL purged with bailer
(2) = Oil-sorbent socks installed
(3) = Oil-sorbent socks removed and replaced (thickness measured after sock was removed)
(4) = Oil-sorbent socks removed in order to measure DNAPL recharge.
* = Volume estimated based on well diameter and thickness measurements.
** = Oil-sorbent sock not replaced
*** = Includes 0.4 gallons recovered between December 2008 and February 2009
**** = Measured during quarterly sampling round
NA = Not applicable
NM = Not measured
NO = None observed

**Table 2-2. Onsite NAPL Gauging and Recovery Log**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2010 | | | 2011 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10/29/2010[3] | 11/30/2010[3] | 12/30/2010[3] | 1/24/2011[3] | 2/18/2011[3] | 3/29/2011[3] | 4/29/2011[3] | 5/20/2011[3] | 6/22/2011[3] | 7/19/2011[3] | 8/29/2011[3] | 9/30/2011[3] | 10/20/2011[3] | 11/15/2011[3] | 12/23/2011[3] |
| Initial Thickness (in feet) | | | | | | | | | | | | | | | |
| RW-5D | 0.08 | 0.08 | trace | 0.17 | 0.04 | 0.08 | 0.08 | 0.08 | 0.08 | 0.04 | 0.08 | 0.08 | 0.08 | 0.04 | 0.16 |
| RW-9D | 0.67 | 0.75 | 0.83 | 0.75 | 0.75 | 0.83 | 0.75 | 0.83 | 0.75 | 0.59 | 0.58 | 0.83 | 0.67 | 0.83 | 0.75 |
| HHMW-05S2R | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| HHMW-09S2 | 0.08** | 0.08 | trace | trace | trace | trace | 0.04 | trace | 0.08 | trace** | trace** | 0.08** | 0.04** | trace** | .16** |
| HHMW-15S | 0.71**** | NM | NM | 0.8**** | NM | NM | 0.9**** | NM | NM | 1.5**** | NM | NM | 2.6 | NM | NM |
| Amount Removed (in gallons) | | | | | | | | | | | | | | | |
| RW-5D | 0.10 | 0.10 | 0.00 | 0.20 | 0.05 | 0.10 | 0.10 | 0.10 | 0.10 | 0.05 | 0.10 | 0.07 | 0.10 | 0.04 | 0.14 |
| RW-9D | 0.80 | 0.90 | 1.00 | 0.90 | 0.90 | 1.00 | 0.90 | 1.00 | 0.90 | 0.71 | 0.70 | 1.00 | 0.80 | 1.00 | 0.90 |
| HHMW-05S2R | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| HHMW-09S2 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HHMW-15S | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.00 | NA | NA |

**Table 2-2. Onsite NAPL Gauging and Recovery Log**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2012 | | | | | | | | | | | | 2013 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/26/2012[3] | 2/27/2012[3] | 3/26/2012[3] | 5/2/2012[3] | 5/31/2012[3] | 6/27/2012[3] | 7/31/2012[3] | 8/29/2012[3] | 9/25/2012[3] | 11/12/2012[3] | 11/30/2012[3] | 12/12/2012[3] | 1/17/2013[3] | 2/18/2013[3] |
| Initial Thickness (in feet) | | | | | | | | | | | | | | |
| RW-5D | 0.16 | 0.08 | 0.3 | 0.4 | 0.4 | 0.3 | 0.08 | trace | 0.2 | 0.2 | 0.2 | 0.2 | 0.30 | 0.20 |
| RW-9D | 0.75 | 0.75 | 0.8 | 1.4 | 0.7 | 0.7 | 0.75 | 0.8 | 1.1 | 1.3 | 0.7 | 0.8 | 0.90 | 0.70 |
| HHMW-05S2R | NM | NM | NM | NM | NM | NM | NM | NM | 0.2 | NM | NM | 0.1 | trace | 0.1 |
| HHMW-09S2 | .16** | trace** | trace | trace | trace | trace | trace | 0.1 | trace | trace | trace | trace | trace | trace |
| HHMW-15S | 0.8 | NM | NM | 2.1 | NM | NM | NM | NM | 4.0 | NM | NM | 3.5 | NM | NM |
| Amount Removed (in gallons) | | | | | | | | | | | | | | |
| RW-5D | 0.14 | 0.07 | 0.27 | 0.36 | 0.36 | 0.27 | 0.07 | 0.00 | 0.18 | 0.18 | 0.18 | 0.18 | 0.27 | 0.18 |
| RW-9D | 0.90 | 0.90 | 0.96 | 1.68 | 0.84 | 0.84 | 0.68 | 0.72 | 0.99 | 1.17 | 0.63 | 0.72 | 0.81 | 0.63 |
| HHMW-05S2R | NA | NA | NA | NA | NA | NA | NA | NA | 0.25 | NA | NA | 0.10 | 0.00 | 0.00 |
| HHMW-09S2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HHMW-15S | NA | NA | NA | NA | NA | NA | NA | NA | 1.25 | NA | NA | 0.60 | NA | NA |

**Table 2-2. Onsite NAPL Gauging and Recovery Log**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2013 | | | | | | | | | 2014 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/29/2013[(3)] | 4/26/2013[(3)] | 5/31/2013[(3)] | 7/25/2013 | 6/28/2013 | 9/30/2013 | 10/30/2013 | 11/26/2013 | 12/18/2013 | 1/31/2014 | 2/28/2014 | 3/31/2014 | 4/28/2014 | 6/3/2014 | 6/25/2014 |
| Initial Thickness (in feet) | | | | | | | | | | | | | | | |
| RW-5D | 0.30 | 0.10 | 0.30 | 0.08 | 0.06 | trace | 0.04 | 0.25 | 0.38 | 0.04 | 0.13 | 0.17 | 0.04 | 0.13 | 0.00 |
| RW-9D | 0.90 | 0.90 | 0.70 | 1.00 | 0.83 | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 | 0.83 | 0.58 | 0.75 | 0.30 |
| HHMW-05S2R | 0.1 | trace | trace | 0.1 | NO | 0.02 | trace | trace | trace | 0.04 | NM | 0.04 | 0.04 | 0.02 | trace |
| HHMW-09S2 | 0.1 | trace | 0.1 | NO | trace | 0.02 | trace | 0.02 | NO | trace | trace | trace | trace | 0.02 | 0.00 |
| HHMW-15S | 3.0 | NM | NM | NM | NM | 0.8 | NM | NM | trace | NM | NM | 0.00 | NM | NM | trace |
| Amount Removed (in gallons) | | | | | | | | | | | | | | | |
| RW-5D | 0.27 | 0.09 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 |
| RW-9D | 0.81 | 0.81 | 0.63 | 3.00 | 1.00 | 0.75 | 0.50 | 0.50 | 0.40 | 0.50 | 0.40 | 0.75 | 0.50 | 0.75 | 0.25 |
| HHMW-05S2R | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HHMW-09S2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HHMW-15S | 0.60 | NA | NA | NA | NA | 0.10 | NA | NA | 0.00 | NA | NA | 0.00 | NA | NA | 0.00 |

**Table 2-2. Onsite NAPL Gauging and Recovery Log**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2014 | | | | 2015 | | | | 2016 | | | | 2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8/1/2014 | 8/29/2014 | 9/30/2014 | 12/29/2014 | 3/31/2015 | 6/30/2015 | 9/25/2015 | 12/29/2015 | 4/12/2016 | 7/14/2016 | 10/4/2016 | 12/28/2016 | 3/30/2017 | 6/28/2017 |
| Initial Thickness (in feet) | | | | | | | | | | | | | | |
| RW-5D | trace | 0.08 | 0.21 | 0.16 | 0.06 | 0.04 | 0.21 | 0.08 | 0.04 | 0.04 | 0.42 | 0.04 | 0.06 | 0.08 |
| RW-9D | 0.90 | 1.67 | 0.54 | 1.25 | 1.25 | 1.16 | 1.00 | 1.20 | 1.70 | 1.10 | 1.50 | 2.40 | 3.00 | 2.50 |
| HHMW-05S2R | trace | 0.06 | 0.04 | 0.16 | 0.04 | 0.02 | 0.08 | 0.125 | 0.125 | trace | 0.02 | 0.06 | 0.06 | 0.06 |
| HHMW-09S2 | 0.00 | trace | trace | 0.02 | 0.04 | trace | 0.04 | trace | trace | trace | NO | NO | Trace | Trace |
| HHMW-15S | NM | NM | 0.17 | trace | 0.16 | 0.08 | 1.25 | 0.33 | 0.04 | 0.04 | 0.06 | 0.67 | 0.04 | 0.06 |
| Amount Removed (in gallons) | | | | | | | | | | | | | | |
| RW-5D | 0.00 | 0.00 | 0.25 | 0.20 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 |
| RW-9D | 0.75 | 2.50 | 0.75 | 2.00 | 2.00 | 2.25 | 1.75 | 1.75 | 2.00 | 1.50 | 2.25 | 3.50 | 4.50 | 3.50 |
| HHMW-05S2R | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HHMW-09S2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HHMW-15S | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**Table 2-2. Onsite NAPL Gauging and Recovery Log**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2017 | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 9/25/2017 | 12/20/2017 | 4/6/2018 | 6/13/2018 | 9/24/2018 | 12/7/2018 | 3/28/2019 | 6/28/2019 | 9/27/2019 | 12/27/2019 | 2/26/2020 | 7/7/2020 | 9/18/2020 | 12/29/2020 | 3/23/2021 |
| Initial Thickness (in feet) | | | | | | | | | | | | | | | |
| RW-5D | 0.06 | 0.33 | 0.04 | 0.25 | 0.41 | 0.21 | 0.25 | 0.42 | 0.55 | 0.25 | 0.45 | 0.25 | 0.16 | 0.21 | NO |
| RW-9D | 2.40 | 2.60 | 3.17 | 1.42 | 2.20 | 1.42 | 2.17 | 1.25 | 1.41 | 0.75 | 0.60 | 1.00 | 1.25 | 1.16 | 1.54 |
| HHMW-05S2R | 0.13 | Trace | 0.04 | 0.04 | 0.04 | 0.04 | Trace | 0.04 | 0.04 | 0.02 | 0.02 | 0.04 | 0.04 | Trace | Trace |
| HHMW-09S2 | Trace | NO | NO | NO | Trace | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| HHMW-15S | Trace | Trace | Trace | 0.04 | Trace | Trace | Trace | NO | NO | NO | NO | NO | NO | Trace | Trace |
| Amount Removed (in gallons) | | | | | | | | | | | | | | | |
| RW-5D | 0.00 | 0.25 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RW-9D | 3.50 | 3.75 | 4.50 | 2.25 | 3.50 | 2.00 | 3.00 | 2.00 | 2.00 | 1.25 | 0.00 | 1.25 | 1.25 | 1.50 | 2.00 |
| HHMW-05S2R | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HHMW-09S2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HHMW-15S | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**Table 2-2. Onsite NAPL Gauging and Recovery Log**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well ID | 2021 | | | 2022 | | | | 2023 | | | | 2024 | | | | 2025 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6/16/2021 | 8/10/2021 | 12/30/2021 | 3/15/2022 | 6/30/2022 | 8/15/2022 | 1/5/2023 | 4/6/2023 | 6/16/2023 | 9/1/2023 | 12/28/2023 | 3/29/2024 | 6/28/2024 | 9/6/2024 | 12/3/2024 | 3/4/2025 | 6/24/2025 | 8/12/2025 | |
| Initial Thickness (in feet) | | | | | | | | | | | | | | | | | | | |
| RW-5D | 0.16 | 0.16 | 0.42 | 0.60 | 0.20 | 0.01 | 0.36 | 0.58 | NO | Trace | Trace | 0.20 | Trace | 0.16 | Trace | 0.70 | 0.50 | 0.50 | |
| RW-9D | 1.25 | 1.40 | 2.83 | 1.34 | 0.80 | 0.23 | 1.78 | 1.25 | 1.00 | 0.60 | 0.32 | 2.40 | 0.70 | 1.04 | Trace | 0.01 | 0.33 | 1.01 | |
| HHMW-05S2R | Trace | Trace | 0.08 | Trace | 0.12 | 0.05 | Trace | NO | 0.05 | NO | NO | NO | NO | NO | NO | NO | NO | NO | |
| HHMW-09S2 | NO | NO | Trace | Trace | Trace | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | |
| HHMW-15S | Trace | Trace | Trace | NM | NM | NM | NM | NM | 0.33 | Trace | NM | NM | NM | Trace | NM | NM | NM | Trace | |
| Amount Removed (in gallons) | | | | | | | | | | | | | | | | | | | **Total (gallons)** |
| RW-5D | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.50 |
| RW-9D | 1.75 | 2.00 | 4.00 | 2.00 | 0.00 | 0.00 | 2.50 | 1.50 | 1.50 | 1.00 | 0.00 | 1.50 | 0.00 | 1.36 | 0.00 | 0.00 | 0.00 | 1.30 | 128.86 |
| HHMW-05S2R | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.45 |
| HHMW-09S2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.88*** |
| HHMW-15S | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.65 |
| | | | | | | | | | | | | | | | | | | | **146.3** |

**Table 3-1. Groundwater Monitoring Well Sampling Schedule**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report**

| Monitoring Well ID | Screen Interval (feet bgs) | Sample Frequency |
|---|---|---|
| **Upgradient Groundwater Monitoring Wells** | | |
| **HHMW-13** | **39-49** | **A** |
| **HHMW-14** | **64-74** | **S** |
| **HHMW-16S1** | **15-20** | **A** |
| HHMW-16S2 | 25-35 | AB |
| HHMW-17S1 | 12-17 | AB |
| HHMW-17S2 | 22-32 | AB |
| **HHMW-18S1** | **7-12** | **A** |
| HHMW-18S2 | 17-27 | AB |
| **Area of Oxygen Injection System Groundwater Monitoring Wells** | | |
| HHMW-04I | 30-40 | AB |
| HHMW-05S1-R | 6-11 | AB |
| **HHMW-05S2-R*** | **18-28** | **A** |
| **HHMW-09S1** | **6-11** | **S** |
| HHMW-09S2 | 17.5-27.5 | NS |
| HHMW-09I | 43-53 | AB |
| HHMW-09D | 85-95 | AB |
| **HHMW-15S*** | **5-10** | **S** |
| **MW-03*** | **2-12** | **S** |
| MW-04 | 1-21 | AB |
| **Side-gradient Groundwater Monitoring Wells** | | |
| **HHMW-22S1*** | **3-8** | **S** |
| HHMW-22S2 | 13-23 | NS |
| **Downgradient Groundwater Monitoring Wells** | | |
| HHMW-07S1 | 3-8 | AB |
| HHMW-07S2 | 16-26 | AB |
| HHMW-07I | 45-55 | AB |
| HHMW-07D | 115-125 | AB |
| HHMW-08S | 2-12 | AB |
| HHMW-08I | 35-45 | AB |
| HHMW-11SR | 3-13 | AB |
| HHMW-11I** | 31-41 | NS |
| **HHMW-19S1** | **2-7** | **S** |
| HHMW-19S2 | 15-25 | NS |
| HHMW-20S1 | 2-7 | NS |
| HHMW-20S2 | 15-25 | NS |
| HHMW-21S1 | 2-7 | AB |
| HHMW-21S2 | 15-25 | AB |

**Notes:**

Bold font denotes that the well is currently routinely sampled.
MGP = Manufactured Gas Plant
* = Not Sampled due to presence of DNAPL
** = Well abandoned
NS = Not Sampled
A = Annual
S = Semi-annual
AB = Abandoned
DNAPL = Dense Non-Aqueous Phase Liquid

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2009 | | | | | | | | | 2010 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 | Jan-10 | Feb-10 | Mar-10 |
| | pH (standard units) | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 5.53 | -- | -- | 5.21 | -- | -- | -- | 5.09 | -- | -- | 5.43 | -- |
| | HHMW-14 | 5.40 | -- | -- | 5.60 | -- | -- | -- | 5.17 | -- | -- | 5.47 | -- |
| | HHMW-16S1 | 5.08 | 4.73 | 4.20 | 6.20 | 4.47 | 4.28 | 4.34 | 6.21 | 6.53 | 3.91 | 4.47 | 4.48 |
| | HHMW-16S2 | 5.12 | 5.43 | 3.94 | 6.10 | 5.23 | 5.25 | 5.25 | 5.05 | 5.51 | 5.29 | 4.26 | 5.09 |
| | HHMW-17S1 | 5.31 | 4.95 | 5.87 | 4.40 | 5.06 | 4.71 | 4.78 | 5.93 | 6.96 | 5.14 | 4.97 | 4.63 |
| | HHMW-17S2 | 5.32 | 5.13 | 6.37 | 5.38 | 5.10 | 5.08 | 5.16 | 4.95 | 5.36 | 5.45 | 5.50 | 5.40 |
| | HHMW-18S1 | 5.34 | 5.65 | 6.42 | 4.65 | 5.34 | 5.12 | 5.09 | 4.91 | 6.92 | 5.18 | 5.35 | 5.42 |
| | HHMW-18S2 | 5.30 | 5.63 | 6.36 | 5.44 | 5.05 | 5.16 | 5.11 | 6.31 | 5.31 | 5.15 | 5.31 | 5.31 |
| Oxygen Injection Area | HHMW-04I | 5.35 | -- | -- | -- | -- | -- | 5.13 | -- | -- | -- | 5.01 | -- |
| | HHMW-05S1-R | 6.65 | 6.67 | 6.13 | 5.62 | 6.05 | 6.18 | 5.89 | 6.96 | 7.11 | 6.15 | 6.33 | 5.43 |
| | HHMW-05S2-R | 5.31 | 5.68 | 5.60 | 4.78 | 4.98 | 5.22 | 5.12 | 4.93 | 5.31 | 5.19 | 5.43 | 5.40 |
| | HHMW-09D | 6.02 | -- | -- | -- | -- | -- | -- | -- | -- | 5.93 | -- | -- |
| | HHMW-09I | 5.55 | -- | -- | -- | -- | -- | -- | -- | -- | 5.44 | -- | -- |
| | HHMW-09S1 | 5.30 | -- | -- | 6.38 | -- | -- | -- | 6.85 | -- | 5.80 | -- | -- |
| | HHMW-09S2 | 5.61 | -- | -- | 5.39 | -- | -- | -- | 5.17 | -- | 5.59 | -- | -- |
| | HHMW-15S | -- | 5.62 | -- | 5.61 | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 6.67 | -- | -- | 7.03 | -- | -- | 6.33 | -- | -- | 6.67 | -- | -- |
| | MW-04 | 5.29 | -- | -- | 5.21 | -- | -- | 4.98 | -- | -- | 5.48 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 5.40 | -- | -- | 5.71 | -- | -- | 5.15 | -- | -- | 5.18 | -- | -- |
| Downgradient | HHMW-06I | 5.69 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | 6.76 | -- | -- | -- | -- | -- | 6.28 | -- | -- | 6.45 | -- | -- |
| | HHMW-06S2 | 5.45 | -- | -- | -- | -- | -- | 5.37 | -- | -- | 5.83 | -- | -- |
| | HHMW-07I | 5.57 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 6.16 | -- | -- | 7.05 | -- | -- | 6.16 | -- | -- | 6.09 | -- | -- |
| | HHMW-07S2 | 5.34 | -- | -- | 4.68 | -- | -- | 5.26 | -- | -- | 5.28 | -- | -- |
| | HHMW-08S | 5.67 | -- | -- | -- | -- | -- | 5.45 | -- | -- | 5.63 | -- | -- |
| | HHMW-19S1 | 6.63 | 6.48 | 6.67 | 7.26 | 6.27 | 6.03 | 5.45 | 5.59 | 5.96 | 5.71 | 5.79 | 5.99 |
| | HHMW-19S2 | 5.41 | 5.75 | 6.02 | 5.57 | 5.25 | 5.39 | 5.26 | 6.92 | 7.11 | 5.32 | 5.46 | 4.90 |
| | HHMW-20S1 | 6.85 | 6.76 | 6.99 | -- | -- | -- | -- | -- | -- | 5.06 | 6.74 | 6.12 |
| | HHMW-20S2/20S2R | 5.41 | 5.34 | 5.00 | -- | -- | -- | -- | -- | -- | 6.54 | 4.90 | 5.13 |
| | HHMW-21S1 | 6.82 | 6.25 | 6.26 | -- | -- | -- | -- | -- | -- | 6.20 | 6.29 | 5.85 |
| | HHMW-21S2 | 5.58 | 5.56 | 5.23 | -- | -- | -- | -- | -- | -- | 5.34 | 5.57 | -- |
| | HHMW-11I | 5.70 | -- | -- | -- | -- | -- | -- | -- | -- | 5.56 | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.42 | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2009 | | | | | | | | | 2010 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 | Jan-10 | Feb-10 | Mar-10 |
| | Conductivity (mS/cm) | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 0.240 | -- | -- | 0.280 | -- | -- | -- | 0.245 | -- | -- | 0.233 | -- |
| | HHMW-14 | 0.243 | -- | -- | 0.280 | -- | -- | -- | 0.256 | -- | -- | 0.240 | -- |
| | HHMW-16S1 | 0.148 | 0.160 | 0.233 | 0.241 | 0.478 | 0.634 | 0.713 | 0.900 | 1.040 | 1.250 | 0.910 | 0.571 |
| | HHMW-16S2 | 0.202 | 0.277 | 0.260 | 0.267 | 0.297 | 0.320 | 0.270 | 2.780 | 0.271 | 0.234 | 0.239 | 0.228 |
| | HHMW-17S1 | 0.258 | 0.473 | 0.762 | 0.860 | 0.357 | 1.540 | 1.030 | 1.450 | 1.340 | 1.280 | 1.410 | 1.380 |
| | HHMW-17S2 | 0.289 | 0.310 | 0.308 | 0.323 | 0.652 | 0.387 | 0.281 | 0.292 | 0.286 | 0.363 | 0.295 | 0.462 |
| | HHMW-18S1 | 0.232 | 0.234 | 0.231 | 0.247 | 0.175 | 0.245 | 0.198 | 0.290 | 0.243 | 0.249 | 0.244 | 0.469 |
| | HHMW-18S2 | 0.251 | 0.251 | 0.249 | 0.263 | 0.265 | 0.279 | 0.233 | 0.273 | 0.243 | 0.206 | 0.214 | 0.205 |
| Oxygen Injection Area | HHMW-04I | 0.285 | -- | -- | -- | -- | -- | 0.254 | -- | -- | -- | 0.283 | -- |
| | HHMW-05S1-R | 0.559 | 0.545 | 0.780 | 0.854 | 0.725 | 1.110 | 0.926 | 0.866 | 0.720 | 0.669 | 0.640 | 0.656 |
| | HHMW-05S2-R | 0.276 | 0.348 | 0.780 | 0.342 | 0.328 | 0.289 | 0.245 | 0.261 | 0.284 | 0.225 | 0.235 | 0.284 |
| | HHMW-09D | 0.145 | -- | -- | -- | -- | -- | -- | -- | -- | 0.120 | -- | -- |
| | HHMW-09I | 0.214 | -- | -- | -- | -- | -- | -- | -- | -- | 0.255 | -- | -- |
| | HHMW-09S1 | 2.840 | -- | -- | 2.660 | -- | -- | -- | 0.980 | -- | 0.711 | -- | -- |
| | HHMW-09S2 | 0.365 | -- | -- | 0.284 | -- | -- | -- | 0.309 | -- | 0.252 | -- | -- |
| | HHMW-15S | -- | 1.080 | -- | 0.565 | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 0.441 | -- | -- | 1.490 | -- | -- | 1.270 | -- | -- | 0.805 | -- | -- |
| | MW-04 | 0.178 | -- | -- | 0.347 | -- | -- | 0.348 | -- | -- | 0.999 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 0.259 | -- | -- | 0.291 | -- | -- | 0.241 | -- | -- | 0.214 | -- | -- |
| Downgradient | HHMW-06I | 0.163 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | 1.490 | -- | -- | -- | -- | -- | 0.739 | -- | -- | 0.845 | -- | -- |
| | HHMW-06S2 | 0.311 | -- | -- | -- | -- | -- | 0.290 | -- | -- | 0.253 | -- | -- |
| | HHMW-07I | 0.179 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 0.511 | -- | -- | 0.862 | -- | -- | 1.280 | -- | -- | 0.774 | -- | -- |
| | HHMW-07S2 | 0.268 | -- | -- | 0.317 | -- | -- | 0.239 | -- | -- | 0.294 | -- | -- |
| | HHMW-08S | 0.539 | -- | -- | -- | -- | -- | 0.417 | -- | -- | 0.461 | -- | -- |
| | HHMW-11I | 0.279 | -- | -- | -- | -- | -- | -- | -- | -- | 0.339 | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1.280 | -- | -- |
| | HHMW-19S1 | 0.273 | 0.290 | 0.255 | 0.246 | 0.234 | 0.254 | 0.364 | 0.278 | 0.299 | 0.367 | 0.531 | 0.344 |
| | HHMW-19S2 | 0.414 | 0.473 | 0.671 | 0.510 | 0.367 | 0.348 | 0.255 | 0.309 | 0.328 | 0.340 | 0.329 | 0.360 |
| | HHMW-20S1 | 2.670 | 2.360 | 2.340 | -- | -- | -- | -- | -- | -- | 0.242 | 2.420 | 1.680 |
| | HHMW-20S2/20S2R | 0.357 | 0.335 | 0.328 | -- | -- | -- | -- | -- | -- | 2.660 | 0.257 | 0.254 |
| | HHMW-21S1 | 0.341 | 0.412 | 0.440 | -- | -- | -- | -- | -- | -- | 0.445 | 0.441 | 0.340 |
| | HHMW-21S2 | 0.236 | 0.254 | 0.263 | -- | -- | -- | -- | -- | -- | 0.200 | 0.209 | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2009 | | | | | | | | | 2010 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 | Jan-10 | Feb-10 | Mar-10 |
| | Dissolved Oxygen (mg/L) | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 6.95 | -- | -- | 0.00 | -- | -- | -- | 0.00 | -- | -- | 0.00 | -- |
| | HHMW-14 | 9.10 | -- | -- | 14.81 | -- | -- | -- | 6.87 | -- | -- | 6.82 | -- |
| | HHMW-16S1 | 5.79 | 11.94 | 0.00 | 0.00 | 8.88 | 1.55 | 13.32 | 16.80 | 13.10 | 9.00 | 23.00 | 9.23 |
| | HHMW-16S2 | 0.00 | 5.11 | 0.00 | 2.25 | 8.40 | 8.00 | 8.32 | 7.67 | 7.68 | 7.11 | 7.90 | 8.20 |
| | HHMW-17S1 | 0.00 | 7.40 | 10.60 | 18.38 | 15.88 | 30.00 | 17.18 | 15.00 | 9.00 | 25.00 | 27.00 | 22.00 |
| | HHMW-17S2 | 0.00 | 10.87 | 4.59 | 7.79 | 8.40 | 7.61 | 8.00 | 5.36 | 7.85 | 7.92 | 8.20 | 9.50 |
| | HHMW-18S1 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 0.00 | 0.00 | 0.00 | 0.00 | 3.56 | 3.53 | 6.09 |
| | HHMW-18S2 | 3.80 | 0.00 | 0.00 | 1.17 | 3.50 | 1.84 | 1.69 | 2.10 | 3.72 | 2.86 | 2.30 | 5.30 |
| Oxygen Injection Area | HHMW-04I | 8.43 | -- | -- | -- | -- | -- | 20.00 | -- | -- | -- | 27.00 | -- |
| | HHMW-05S1-R | 0.00 | 0.00 | 0.00 | 0.22 | 10.10 | 7.23 | 14.91 | 14.70 | 19.90 | 22.00 | 25.00 | 14.81 |
| | HHMW-05S2-R | 1.28 | 0.00 | 26.00 | 26.00 | 44.00 | 26.00 | 14.32 | 19.02 | 16.85 | 19.01 | 27.00 | 28.00 |
| | HHMW-09D | 8.67 | -- | -- | -- | -- | -- | -- | -- | -- | 7.29 | -- | -- |
| | HHMW-09I | 8.78 | -- | -- | -- | -- | -- | -- | -- | -- | 8.86 | -- | -- |
| | HHMW-09S1 | 10.49 | -- | -- | 0.00 | -- | -- | -- | 12.40 | -- | 10.01 | -- | -- |
| | HHMW-09S2 | 0.00 | -- | -- | 28.00 | -- | -- | -- | 20.00 | -- | 32.00 | -- | -- |
| | HHMW-15S | -- | 0.00 | -- | 0.00 | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 0.00 | -- | -- | 4.21 | -- | -- | 20.00 | -- | -- | 15.41 | -- | -- |
| | MW-04 | 5.39 | -- | -- | 25.00 | -- | -- | 20.00 | -- | -- | 37.00 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 8.40 | -- | -- | 10.52 | -- | -- | 9.67 | -- | -- | 8.11 | -- | -- |
| Downgradient | HHMW-06I | 7.37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | 0.00 | -- | -- | -- | -- | -- | 0.00 | -- | -- | 6.03 | -- | -- |
| | HHMW-06S2 | 6.72 | -- | -- | -- | -- | -- | 4.78 | -- | -- | 5.12 | -- | -- |
| | HHMW-07I | 8.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 3.14 | -- | -- | 0.00 | -- | -- | 0.00 | -- | -- | 0.00 | -- | -- |
| | HHMW-07S2 | 0.11 | -- | -- | 0.00 | -- | -- | 1.10 | -- | -- | 2.95 | -- | -- |
| | HHMW-08S | 0.00 | -- | -- | -- | -- | -- | 20.00 | -- | -- | 31.00 | -- | -- |
| | HHMW-11I | 5.19 | -- | -- | -- | -- | -- | -- | -- | -- | 6.27 | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0.00 | -- | -- |
| | HHMW-19S1 | 11.27 | 5.99 | 1.59 | 10.10 | 6.90 | 5.77 | 3.79 | 0.77 | 6.15 | 0.69 | 3.05 | 2.75 |
| | HHMW-19S2 | 0.97 | 0.00 | 0.00 | 0.00 | 1.50 | 0.70 | 1.09 | 0.50 | 0.30 | 3.95 | 2.76 | 0.80 |
| | HHMW-20S1 | 7.21 | 0.00 | 0.00 | -- | -- | -- | -- | -- | -- | 2.43 | 1.58 | 0.25 |
| | HHMW-20S2/20S2R | 2.28 | 0.00 | 0.00 | -- | -- | -- | -- | -- | -- | 2.20 | 3.20 | 4.20 |
| | HHMW-21S1 | 12.05 | 4.45 | 0.70 | -- | -- | -- | -- | -- | -- | 5.30 | 4.67 | 7.48 |
| | HHMW-21S2 | 7.84 | 3.81 | 0.34 | -- | -- | -- | -- | -- | -- | 7.34 | 7.80 | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2009 | | | | | | | | | 2010 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 | Jan-10 | Feb-10 | Mar-10 |
| | Temperature (degrees Celsius) | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 16.41 | -- | -- | 16.82 | -- | -- | -- | 12.67 | -- | -- | 11.01 | -- |
| | HHMW-14 | 14.90 | -- | -- | 16.88 | -- | -- | -- | 12.22 | -- | -- | 10.83 | -- |
| | HHMW-16S1 | 11.74 | 13.50 | 13.04 | 14.71 | 13.63 | 12.56 | 12.74 | 13.40 | 12.00 | 12.00 | 11.71 | 10.75 |
| | HHMW-16S2 | 11.51 | 12.62 | 12.95 | 13.19 | 13.50 | 12.81 | 12.04 | 12.31 | 11.89 | 11.67 | 10.00 | 11.70 |
| | HHMW-17S1 | 11.69 | 12.54 | 13.91 | 16.31 | 14.98 | 16.30 | 13.52 | 15.60 | 13.60 | 10.55 | 11.45 | 11.10 |
| | HHMW-17S2 | 11.05 | 16.03 | 13.97 | 16.16 | 16.20 | 15.74 | 13.04 | 14.50 | 12.73 | 9.41 | 11.70 | 11.80 |
| | HHMW-18S1 | 11.28 | 12.66 | 13.12 | 14.07 | 14.54 | 15.58 | 13.80 | 12.52 | 12.60 | 11.94 | 9.26 | 6.68 |
| | HHMW-18S2 | 12.27 | 13.77 | 13.68 | 15.08 | 14.50 | 14.84 | 12.01 | 13.10 | 11.07 | 12.18 | 9.80 | 10.90 |
| Oxygen Injection Area | HHMW-04I | 11.11 | -- | -- | -- | -- | -- | 14.12 | -- | -- | -- | 10.70 | |
| | HHMW-05S1-R | 9.82 | 10.82 | 13.21 | 15.35 | 19.20 | 20.06 | 15.64 | 16.30 | 15.50 | 11.48 | 8.70 | 6.30 |
| | HHMW-05S2-R | 10.53 | 11.48 | 11.17 | 12.64 | 14.10 | 15.33 | 14.06 | 14.45 | 13.97 | 12.77 | 11.80 | 10.90 |
| | HHMW-09D | 11.22 | -- | -- | -- | -- | -- | -- | -- | -- | 11.10 | -- | -- |
| | HHMW-09I | 11.31 | -- | -- | -- | -- | -- | -- | -- | -- | 11.29 | -- | -- |
| | HHMW-09S1 | 10.71 | -- | -- | 18.02 | -- | -- | -- | 14.40 | -- | 9.75 | -- | -- |
| | HHMW-09S2 | 11.37 | -- | -- | 16.85 | -- | -- | -- | 12.94 | -- | 9.01 | -- | -- |
| | HHMW-15S | -- | 10.02 | -- | 17.40 | -- | -- | -- | -- | -- | | -- | -- |
| | MW-03 | 7.97 | -- | -- | 16.09 | -- | -- | 15.38 | -- | -- | 8.12 | -- | -- |
| | MW-04 | 9.56 | -- | -- | 18.81 | -- | -- | 16.31 | -- | -- | 10.22 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 11.62 | -- | -- | 13.24 | -- | -- | 12.93 | -- | -- | 10.45 | -- | -- |
| Downgradient | HHMW-06I | 11.24 | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- |
| | HHMW-06S1 | 11.11 | -- | -- | -- | -- | -- | 16.45 | -- | -- | 8.73 | -- | -- |
| | HHMW-06S2 | 11.10 | -- | -- | -- | -- | -- | 13.70 | -- | -- | 10.95 | -- | -- |
| | HHMW-07I | 11.24 | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- |
| | HHMW-07S1 | 10.43 | -- | -- | 18.92 | -- | -- | 14.91 | -- | -- | 8.69 | -- | -- |
| | HHMW-07S2 | 11.11 | -- | -- | 13.06 | -- | -- | 13.26 | -- | -- | 12.28 | -- | -- |
| | HHMW-08S | 11.09 | -- | -- | -- | -- | -- | 15.34 | -- | -- | 10.40 | -- | -- |
| | HHMW-11I | 10.98 | -- | -- | -- | -- | -- | -- | -- | -- | 12.20 | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.36 | -- | -- |
| | HHMW-19S1 | 15.54 | 13.69 | 15.80 | 19.20 | 26.60 | 21.99 | 15.40 | 15.26 | 12.99 | 10.19 | 8.20 | 9.00 |
| | HHMW-19S2 | 12.11 | 12.06 | 13.07 | 13.15 | 20.10 | 14.80 | 12.99 | 13.90 | 13.70 | 12.41 | 11.85 | 11.18 |
| | HHMW-20S1 | 11.20 | 13.63 | 16.27 | -- | -- | -- | -- | -- | -- | 10.82 | 7.31 | 7.72 |
| | HHMW-20S2/20S2R | 11.05 | 11.36 | 13.55 | -- | -- | -- | -- | -- | -- | 7.92 | 11.30 | 11.00 |
| | HHMW-21S1 | 14.41 | 14.79 | 17.28 | -- | -- | -- | -- | -- | -- | 8.29 | 7.30 | 9.43 |
| | HHMW-21S2 | 11.57 | 12.17 | 12.94 | -- | -- | -- | -- | -- | -- | 11.06 | 10.90 | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2009 | | | | | | | | | 2010 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Apr-09** | **May-09** | **Jun-09** | **Jul-09** | **Aug-09** | **Sep-09** | **Oct-09** | **Nov-09** | **Dec-09** | **Jan-10** | **Feb-10** | **Mar-10** |
| | **Oxidation Reduction Potential (mV)** | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 179 | -- | -- | 250 | -- | -- | -- | 253 | -- | -- | 384 | -- |
| | HHMW-14 | 234 | -- | -- | 295 | -- | -- | -- | 251 | -- | -- | 371 | -- |
| | HHMW-16S1 | 195 | 267 | 301 | 227 | 184 | 245 | 263 | 186 | 254 | 295 | 233 | 298 |
| | HHMW-16S2 | 281 | 340 | 330 | 300 | 258 | 258 | 259 | 264 | 185 | 410 | 286 | 277 |
| | HHMW-17S1 | 259 | 368 | 343 | 322 | 155 | 316 | 290 | 88 | 129 | 385 | 287 | 295 |
| | HHMW-17S2 | 28 | 339 | 323 | 301 | 259 | 263 | 243 | 256 | 239 | 383 | 281 | 284 |
| | HHMW-18S1 | 213 | 223 | 256 | 278 | 116 | 232 | 234 | 202 | 47 | 201 | 200 | 157 |
| | HHMW-18S2 | 246 | 309 | 279 | 299 | 260 | 248 | 243 | 53 | 318 | 371 | 304 | 294 |
| Oxygen Injection Area | HHMW-04I | 242 | -- | -- | -- | -- | -- | 296 | -- | -- | -- | 315 | -- |
| | HHMW-05S1-R | 23 | 9 | 257 | 254 | 115 | 125 | 227 | 11 | 32 | 152 | 169 | 168 |
| | HHMW-05S2-R | 215 | 242 | 342 | 335 | 262 | 248 | 282 | 240 | 326 | 423 | 226 | 285 |
| | HHMW-09D | 209 | -- | -- | -- | -- | -- | -- | -- | -- | 331 | -- | -- |
| | HHMW-09I | 247 | -- | -- | -- | -- | -- | -- | -- | -- | 194 | -- | -- |
| | HHMW-09S1 | 185 | -- | -- | 185 | -- | -- | -- | 63 | -- | 331 | -- | -- |
| | HHMW-09S2 | 223 | -- | -- | 316 | -- | -- | -- | 332 | -- | 447 | -- | -- |
| | HHMW-15S | -- | 137 | -- | 176 | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | -85 | -- | -- | 5 | -- | -- | 168 | -- | -- | 255 | -- | -- |
| | MW-04 | 272 | -- | -- | 337 | -- | -- | 315 | -- | -- | 272 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 260 | -- | -- | 316 | -- | -- | 280 | -- | -- | 382 | -- | -- |
| Downgradient | HHMW-06I | 217 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | 7 | -- | -- | -- | -- | -- | -90 | -- | -- | 41 | -- | -- |
| | HHMW-06S2 | 169 | -- | -- | -- | -- | -- | 136 | -- | -- | 255 | -- | -- |
| | HHMW-07I | 209 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 5 | -- | -- | -23 | -- | -- | -60 | -- | -- | -22 | -- | -- |
| | HHMW-07S2 | 230 | -- | -- | 261 | -- | -- | 208 | -- | -- | 157 | -- | -- |
| | HHMW-08S | 205 | -- | -- | -- | -- | -- | 247 | -- | -- | 230 | -- | -- |
| | HHMW-11I | 196 | -- | -- | -- | -- | -- | -- | -- | -- | 179 | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -59 | -- | -- |
| | HHMW-19S1 | -65 | -3 | -3 | -49 | -80 | -34 | -36 | -32 | -8 | 44 | -4 | -52 |
| | HHMW-19S2 | 223 | 180 | 166 | 142 | 217 | 223 | 120 | 10 | 6 | 233 | 224 | 231 |
| | HHMW-20S1 | -88 | -72 | -85 | -- | -- | -- | -- | -- | -- | 345 | -86 | -87 |
| | HHMW-20S2/20S2R | 122 | 379 | 322 | -- | -- | -- | -- | -- | -- | -105 | 313 | 280 |
| | HHMW-21S1 | 87 | 251 | 224 | -- | -- | -- | -- | -- | -- | 127 | 106 | 231 |
| | HHMW-21S2 | 235 | 327 | 254 | -- | -- | -- | -- | -- | -- | 394 | 280 | -- |

**Notes:**

MGP = Manufactured Gas Plant
mS/cm = millisiemens per centimeter
mg/L = milligrams per liter
mv = millivolts
* = Sidegradient
-- = not measured

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2010 | | | | 2011 | | | | 2012 | | | | 2013 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-10 | May-10 | Jul-10 | Oct/Nov-10 | Jan-11 | Apr-11 | Jul-11 | Nov-11 | Jan-12 | Apr-12 | Aug-12 | Nov-12 | Jan-13 |
| | pH (standard units) | | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 4.74 | -- | 5.02 | 5.17 | 5.45 | 5.10 | 4.90 | 5.00 | 4.92 | 4.50 | 4.65 | 4.81 | 4.07 |
| | HHMW-14 | 4.97 | -- | 4.68 | 5.21 | 4.82 | 5.20 | 4.95 | 4.50 | 4.25 | 4.00 | 7.10 | 7.05 | 6.34 |
| | HHMW-16S1 | 5.05 | 4.30 | 4.53 | 4.60 | 4.40 | 4.48 | 4.31 | 3.70 | 4.24 | 4.39 | 4.87 | 5.07 | 4.62 |
| | HHMW-16S2 | 4.86 | 4.82 | 5.01 | 5.15 | 5.49 | 4.80 | 5.27 | 5.30 | 5.21 | 5.40 | 6.30 | 6.85 | 6.31 |
| | HHMW-17S1 | 4.94 | 4.58 | 4.96 | 4.21 | 4.71 | 4.84 | 5.05 | 4.10 | 4.44 | 5.86 | 5.98 | 5.54 | 5.21 |
| | HHMW-17S2 | 4.98 | 4.82 | 5.31 | 4.87 | 5.47 | 5.38 | 5.53 | 4.75 | 4.59 | 5.00 | 5.25 | 5.95 | 5.54 |
| | HHMW-18S1 | 5.74 | 4.86 | 4.94 | 4.20 | 4.70 | 5.70 | 5.19 | 4.76 | 4.87 | 5.03 | 5.19 | 5.26 | 4.81 |
| | HHMW-18S2 | 5.10 | 4.78 | 5.19 | 4.28 | 5.07 | 5.27 | 5.11 | 4.98 | 4.61 | 4.61 | 5.33 | 5.40 | 5.32 |
| Oxygen Injection Area | HHMW-04I | 5.12 | -- | 5.15 | 3.41 | 5.14 | 5.25 | 5.30 | 4.62 | 4.73 | 4.91 | 5.31 | 5.43 | 5.32 |
| | HHMW-05S1-R | 5.98 | 5.58 | 6.06 | 4.77 | 5.52 | 6.10 | 6.20 | 6.00 | 4.89 | 5.24 | 6.26 | 6.26 | 6.00 |
| | HHMW-05S2-R | 5.12 | 4.98 | 5.07 | 4.12 | 5.39 | 5.20 | 5.68 | 4.65 | 4.62 | 4.56 | 5.15 | 5.31 | 5.02 |
| | HHMW-09D | 5.86 | -- | 5.83 | -- | 6.01 | -- | -- | -- | 5.33 | -- | -- | -- | 5.56 |
| | HHMW-09I | 5.39 | -- | 5.12 | 6.18 | 5.59 | 5.51 | 5.70 | 5.68 | 4.89 | -- | -- | -- | 5.52 |
| | HHMW-09S1 | 4.35 | -- | 4.68 | 5.21 | 5.72 | 6.29 | 4.88 | 5.02 | 5.31 | 5.06 | 5.26 | 5.23 | 5.78 |
| | HHMW-09S2 | 4.85 | -- | 4.92 | 5.01 | 4.74 | -- | -- | 4.79 | 4.79 | 5.24 | 5.36 | 5.43 | 4.91 |
| | HHMW-15S | 5.34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 6.59 | -- | 6.38 | 7.33 | 6.86 | 6.87 | -- | 6.24 | 6.14 | 6.95 | 6.74 | 6.66 | 6.51 |
| | MW-04 | 5.10 | -- | 4.95 | 3.14 | 5.42 | 5.54 | 5.10 | 4.39 | 4.79 | 5.63 | 5.32 | 5.43 | 5.04 |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | 4.82 | 5.18 | 3.57 | -- | 3.45 | 5.17 | 5.02 | 4.41 | 5.34 | 5.03 | 5.27 | 5.17 |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | 6.34 | -- | 6.24 | 6.91 | 6.93 | 6.68 | 6.61 | 6.00 | 6.57 | -- | -- | -- | -- |
| | HHMW-06S2 | -- | 4.88 | 5.00 | 5.55 | 5.15 | 5.21 | 5.70 | 5.17 | 4.75 | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 6.44 | -- | 6.33 | 6.41 | 7.03 | 6.39 | 6.82 | 7.98 | 5.97 | 6.50 | 6.60 | 6.73 | 6.68 |
| | HHMW-07S2 | 5.24 | -- | 5.00 | 5.27 | 5.13 | 5.36 | 6.89 | 4.87 | 4.73 | 5.40 | 5.43 | 5.55 | 4.93 |
| | HHMW-08S | 5.31 | -- | 5.25 | 5.82 | 6.09 | 5.74 | 6.57 | 4.18 | 3.89 | 5.87 | 5.39 | 5.92 | 5.63 |
| | HHMW-19S1 | 5.72 | 5.55 | 5.68 | 9.60 | 6.49 | 4.16 | 6.73 | 7.50 | 4.75 | 6.78 | 6.50 | 6.37 | 6.14 |
| | HHMW-19S2 | 5.25 | 4.63 | 4.94 | 3.93 | 4.77 | 5.34 | 5.49 | 4.87 | 4.73 | 5.45 | 5.50 | 5.43 | 5.26 |
| | HHMW-20S1 | 6.70 | 8.04 | 6.31 | 8.94 | 6.48 | 6.46 | 7.20 | 6.23 | 6.32 | 7.09 | 6.85 | 6.85 | 6.50 |
| | HHMW-20S2/20S2R | 5.00 | 4.76 | 4.93 | 3.91 | 5.60 | 5.31 | 6.68 | 5.11 | 3.79 | 4.75 | 5.22 | 5.30 | 5.10 |
| | HHMW-21S1 | -- | 5.65 | 5.84 | 5.41 | 6.07 | 5.81 | 5.96 | 4.38 | 4.77 | 6.04 | 5.86 | 5.95 | 5.72 |
| | HHMW-21S2 | -- | 4.95 | 5.14 | 3.91 | 5.03 | 4.99 | 5.50 | 5.31 | 4.77 | 5.46 | 5.56 | 5.69 | 5.47 |
| | HHMW-11I | 5.45 | -- | 5.16 | 4.43 | 6.17 | 5.65 | 6.03 | 5.15 | 3.97 | 5.69 | 5.63 | 5.77 | 5.37 |
| | HHMW-11S/11SR | 6.00 | -- | 6.08 | 7.83 | 7.42 | 6.35 | 6.94 | 7.02 | 5.58 | 6.70 | 6.36 | 6.44 | 6.17 |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2010 | | | | 2011 | | | | 2012 | | | | 2013 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Apr-10** | **May-10** | **Jul-10** | **Oct/Nov-10** | **Jan-11** | **Apr-11** | **Jul-11** | **Nov-11** | **Jan-12** | **Apr-12** | **Aug-12** | **Nov-12** | **Jan-13** |
| | **Conductivity (mS/cm)** | | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 0.276 | -- | 0.213 | 0.167 | 0.219 | 0.160 | 0.120 | 0.187 | 0.194 | 0.830 | 0.770 | 0.765 | 0.873 |
| | HHMW-14 | 0.201 | -- | 0.228 | 0.168 | 0.239 | 0.152 | 0.112 | 0.113 | 0.285 | 0.535 | 0.590 | 0.638 | 0.682 |
| | HHMW-16S1 | 1.400 | 1.320 | 1.160 | 0.664 | 0.925 | 0.653 | 0.779 | 0.689 | 0.798 | 0.700 | 0.850 | 0.881 | 0.885 |
| | HHMW-16S2 | 0.209 | 0.245 | 0.226 | 0.196 | 0.241 | 0.190 | 0.201 | 0.198 | 0.206 | 0.490 | 0.500 | 0.529 | 0.615 |
| | HHMW-17S1 | 0.795 | 0.630 | 0.373 | 0.317 | 0.378 | 0.548 | 0.749 | 0.427 | 0.507 | 0.245 | 0.268 | 0.393 | 0.334 |
| | HHMW-17S2 | 0.223 | 0.215 | 0.158 | 0.233 | 0.250 | 0.307 | 0.515 | 0.305 | 0.317 | 0.550 | 0.306 | 0.359 | 0.396 |
| | HHMW-18S1 | 0.343 | 0.272 | 0.271 | 0.190 | 0.377 | 0.284 | 0.305 | 0.289 | 0.328 | 0.265 | 0.251 | 0.258 | 0.234 |
| | HHMW-18S2 | 0.280 | 0.216 | 0.215 | 0.206 | 0.205 | 0.272 | 0.239 | 0.271 | 0.268 | 0.208 | 0.229 | 0.231 | 0.249 |
| Oxygen Injection Area | HHMW-04I | 0.316 | -- | 0.208 | 0.181 | 0.204 | 0.327 | 0.265 | 0.300 | 0.232 | 0.298 | 0.244 | 0.270 | 0.300 |
| | HHMW-05S1-R | 0.419 | 0.537 | 0.804 | 0.360 | 0.359 | 0.380 | 0.444 | 0.388 | 0.297 | 0.307 | 0.582 | 0.387 | 0.331 |
| | HHMW-05S2-R | 0.642 | 0.316 | 0.199 | 0.183 | 0.201 | 0.788 | 0.275 | 0.291 | 0.252 | 0.214 | 0.280 | 0.255 | 0.289 |
| | HHMW-09D | 0.165 | -- | 0.112 | -- | 0.121 | -- | -- | -- | 0.157 | -- | -- | -- | 0.120 |
| | HHMW-09I | 0.241 | -- | 0.199 | 0.176 | 0.173 | 0.237 | 0.219 | 0.188 | 0.190 | -- | -- | -- | 0.226 |
| | HHMW-09S1 | 3.200 | -- | 2.660 | 0.704 | 0.241 | 0.373 | 1.190 | 0.838 | 0.632 | 0.903 | 0.474 | 0.521 | 0.249 |
| | HHMW-09S2 | 0.219 | -- | 0.189 | 0.194 | 0.188 | -- | -- | 0.315 | 0.243 | 0.227 | 0.344 | 0.292 | 0.206 |
| | HHMW-15S | 0.413 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 0.611 | -- | 0.751 | 0.973 | 0.633 | 0.775 | -- | 0.699 | 0.894 | 0.632 | 0.600 | 0.614 | 1.090 |
| | MW-04 | 0.560 | -- | 0.569 | 0.340 | 0.253 | 0.388 | 0.250 | 0.290 | 0.294 | 0.202 | 0.370 | 0.313 | 0.238 |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | 0.224 | 0.222 | 0.178 | -- | 0.180 | 0.255 | 0.217 | 0.200 | 0.209 | 0.260 | 0.242 | 0.285 |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | 2.080 | -- | 1.840 | 0.316 | 0.412 | 1.600 | 1.740 | 1.540 | 2.010 | -- | -- | -- | -- |
| | HHMW-06S2 | -- | 0.286 | 0.265 | 0.264 | 0.210 | 0.228 | 0.387 | 0.291 | 0.255 | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 0.537 | -- | 0.529 | 0.478 | 0.442 | 1.150 | 0.544 | 0.591 | 0.638 | 0.495 | 0.529 | 0.591 | 0.611 |
| | HHMW-07S2 | 0.281 | -- | 0.211 | 0.182 | 0.131 | 0.283 | 0.568 | 0.258 | 0.204 | 0.187 | 0.225 | 0.228 | 0.199 |
| | HHMW-08S | 0.323 | -- | 0.287 | 0.270 | 0.207 | 0.475 | 0.681 | 0.314 | 0.295 | 0.274 | 0.295 | 0.307 | 0.330 |
| | HHMW-11I | 0.304 | -- | 0.236 | 0.196 | 0.212 | 0.307 | 0.783 | 0.280 | 0.251 | 0.260 | 0.237 | 0.270 | 0.292 |
| | HHMW-11S/11SR | 0.900 | -- | 0.960 | 0.369 | 0.920 | 0.895 | 0.788 | 0.392 | 0.532 | 0.430 | 0.323 | 0.545 | 0.586 |
| | HHMW-19S1 | 0.319 | 0.272 | 0.369 | 0.352 | 0.431 | 0.644 | 0.400 | 0.392 | 0.453 | 0.420 | 0.369 | 0.481 | 0.490 |
| | HHMW-19S2 | 0.320 | 0.230 | 0.223 | 0.214 | 0.251 | 0.271 | 0.266 | 0.273 | 0.292 | 0.235 | 0.215 | 0.262 | 0.287 |
| | HHMW-20S1 | 0.910 | 0.797 | 1.160 | 0.369 | 0.410 | 0.616 | 0.769 | 0.790 | 1.140 | 0.770 | 0.562 | 0.304 | 0.382 |
| | HHMW-20S2/20S2R | 0.426 | 0.371 | 0.236 | 0.201 | 0.238 | 0.325 | 0.979 | 0.300 | 0.243 | 0.287 | 0.265 | 0.274 | 0.305 |
| | HHMW-21S1 | -- | 0.573 | 0.464 | 0.373 | 0.370 | 0.369 | 0.647 | 0.340 | 0.297 | 0.272 | 0.454 | 0.354 | 0.363 |
| | HHMW-21S2 | -- | 0.323 | 0.200 | 0.179 | 0.210 | 0.206 | 0.254 | 0.226 | 0.251 | 0.197 | 0.214 | 0.228 | 0.251 |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2010 | | | | 2011 | | | | 2012 | | | | 2013 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Apr-10** | **May-10** | **Jul-10** | **Oct/Nov-10** | **Jan-11** | **Apr-11** | **Jul-11** | **Nov-11** | **Jan-12** | **Apr-12** | **Aug-12** | **Nov-12** | **Jan-13** |
| | **Dissolved Oxygen (mg/L)** | | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 5.39 | -- | 0.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | HHMW-14 | 7.80 | -- | 6.76 | 7.28 | 6.44 | 7.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 |
| | HHMW-16S1 | 8.18 | 0.00 | 11.83 | 16.29 | 15.45 | 15.30 | 13.20 | 4.80 | 4.90 | 5.94 | 0.00 | 0.00 | 0.00 |
| | HHMW-16S2 | 7.70 | 8.20 | 6.90 | 7.63 | 6.94 | 7.52 | 7.30 | 8.00 | 6.21 | 0.00 | 0.00 | 0.00 | 0.00 |
| | HHMW-17S1 | 21.00 | 9.00 | 19.00 | 15.20 | 21.00 | 17.00 | 20.11 | 11.90 | 11.93 | 19.99 | 16.96 | 23.07 | 29.00 |
| | HHMW-17S2 | 7.40 | 8.10 | 7.84 | 4.20 | 8.95 | 6.73 | 5.63 | 7.79 | 9.97 | 5.43 | 5.49 | 9.11 | 13.01 |
| | HHMW-18S1 | 9.80 | 0.00 | 7.73 | 2.10 | 3.70 | 9.34 | 4.33 | 1.63 | 3.98 | 7.11 | 2.89 | 4.97 | 4.91 |
| | HHMW-18S2 | 2.49 | 1.90 | 0.00 | 1.50 | 4.02 | 3.50 | 4.25 | 4.93 | 4.80 | 6.03 | 4.59 | 3.76 | 4.82 |
| Oxygen Injection Area | HHMW-04I | 13.90 | -- | 8.88 | 7.40 | 9.16 | 9.35 | 21.10 | 10.03 | 8.50 | 10.68 | 19.43 | 12.73 | 18.77 |
| | HHMW-05S1-R | 23.00 | 9.52 | 23.00 | 18.80 | 26.00 | 19.99 | 34.00 | 9.94 | 28.00 | 32.00 | 19.99 | 7.81 | 26.00 |
| | HHMW-05S2-R | 33.00 | 26.00 | 24.00 | 13.00 | 15.20 | 28.33 | 26.26 | 12.78 | 21.60 | 23.00 | 19.99 | 9.92 | 16.61 |
| | HHMW-09D | 9.04 | -- | 7.38 | -- | 4.33 | -- | -- | -- | 9.66 | -- | -- | -- | 9.19 |
| | HHMW-09I | 8.78 | -- | 8.02 | 6.90 | 4.89 | 9.41 | 7.83 | 0.00 | 5.99 | -- | -- | -- | 7.17 |
| | HHMW-09S1 | 3.42 | -- | 3.79 | 8.40 | 12.89 | 11.30 | 3.40 | 5.20 | 15.50 | 11.07 | 8.98 | 9.91 | 5.31 |
| | HHMW-09S2 | 26.00 | -- | 32.00 | 33.00 | 29.00 | -- | -- | 33.91 | 29.00 | 28.00 | 30.00 | 29.03 | 38.00 |
| | HHMW-15S | 7.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 19.80 | -- | 18.00 | 7.00 | 16.01 | 6.52 | -- | 15.08 | 15.19 | 21.00 | 10.85 | 14.56 | 25.00 |
| | MW-04 | 20.00 | -- | 28.00 | 36.00 | 27.00 | 20.00 | 20.00 | 19.99 | 23.07 | 21.00 | 19.72 | 24.34 | 36.00 |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | 8.80 | 9.29 | 8.40 | -- | 12.37 | 12.12 | 7.40 | 7.02 | 9.84 | 8.92 | 5.28 | 9.12 |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | 0.51 | -- | 0.56 | 0.00 | 0.00 | 2.85 | 1.82 | 0.00 | 3.28 | -- | -- | -- | -- |
| | HHMW-06S2 | -- | 6.60 | 5.75 | 4.10 | 5.03 | 6.16 | 6.24 | 7.16 | 4.32 | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 0.00 | -- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.51 | 2.81 | 0.00 | 0.35 | 0.71 |
| | HHMW-07S2 | 1.20 | -- | 2.65 | 1.65 | 0.00 | 8.10 | 0.00 | 3.41 | 0.00 | 1.90 | 4.89 | 1.82 | 2.21 |
| | HHMW-08S | 27.00 | -- | 24.00 | 27.00 | 25.00 | 22.65 | 22.00 | 16.30 | 23.00 | 22.00 | 21.00 | 18.58 | 31.98 |
| | HHMW-11I | 4.10 | -- | 4.19 | 3.40 | 3.00 | 4.19 | 0.00 | 5.62 | 3.31 | 3.58 | 3.48 | 3.41 | 5.24 |
| | HHMW-11S/11SR | 0.00 | -- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.38 | 0.00 | 0.00 | 0.09 | 0.44 |
| | HHMW-19S1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.25 | 0.70 |
| | HHMW-19S2 | 1.28 | 0.00 | 1.47 | 0.00 | 0.00 | 2.31 | 2.97 | 3.07 | 3.32 | 0.39 | 1.20 | 2.81 | 2.11 |
| | HHMW-20S1 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.53 | 0.37 | 0.00 | 0.00 | 1.08 |
| | HHMW-20S2/20S2R | 4.00 | 3.90 | 4.10 | 3.20 | 2.34 | 11.00 | 4.60 | 5.41 | 3.35 | 3.79 | 4.08 | 3.46 | 4.69 |
| | HHMW-21S1 | -- | 0.54 | 4.61 | 3.10 | 7.56 | 5.37 | 4.56 | 2.72 | 5.48 | 4.92 | 3.84 | 3.85 | 6.70 |
| | HHMW-21S2 | -- | 8.70 | 8.40 | 7.70 | 6.75 | 5.50 | 8.83 | 8.10 | 9.97 | 7.72 | 8.20 | 6.01 | 7.02 |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2010 | | | | 2011 | | | | 2012 | | | | 2013 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-10 | May-10 | Jul-10 | Oct/Nov-10 | Jan-11 | Apr-11 | Jul-11 | Nov-11 | Jan-12 | Apr-12 | Aug-12 | Nov-12 | Jan-13 |
| | Temperature (degrees Celsius) | | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 12.40 | -- | 13.00 | 12.24 | 11.66 | 12.00 | 19.20 | 15.10 | 7.07 | 10.40 | 21.22 | 15.66 | 10.15 |
| | HHMW-14 | 12.30 | -- | 12.84 | 12.14 | 11.75 | 11.68 | 17.50 | 12.23 | 7.81 | 10.30 | 20.60 | 15.14 | 9.41 |
| | HHMW-16S1 | 10.94 | 10.85 | 13.29 | 12.44 | 12.02 | 11.82 | 19.54 | 13.14 | 8.60 | 15.20 | 19.25 | 13.93 | 9.84 |
| | HHMW-16S2 | 11.80 | 12.40 | 12.82 | 12.17 | 10.97 | 12.10 | 16.47 | 13.87 | 5.90 | 10.24 | 21.30 | 13.59 | 10.07 |
| | HHMW-17S1 | 11.25 | 11.54 | 12.92 | 13.50 | 12.05 | 11.66 | 22.14 | 13.75 | 7.90 | 18.41 | 26.06 | 10.01 | 9.82 |
| | HHMW-17S2 | 11.90 | 12.50 | 13.37 | 12.80 | 10.96 | 11.95 | 23.76 | 14.77 | 6.41 | 8.80 | 22.14 | 11.53 | 9.25 |
| | HHMW-18S1 | 11.10 | 11.16 | 18.20 | 14.20 | 8.17 | 10.42 | 17.42 | 13.10 | 9.53 | 19.58 | 17.66 | 13.49 | 9.27 |
| | HHMW-18S2 | 11.94 | 12.20 | 17.57 | 13.10 | 8.97 | 11.69 | 15.72 | 12.26 | 10.70 | 18.81 | 15.33 | 12.14 | 9.90 |
| Oxygen Injection Area | HHMW-04I | 11.70 | -- | 15.91 | 11.70 | 10.27 | 11.08 | 22.49 | 12.25 | 11.79 | 12.95 | 15.60 | 9.47 | 10.59 |
| | HHMW-05S1-R | 10.70 | 11.01 | 19.89 | 16.10 | 10.42 | 9.33 | 18.05 | 15.90 | 9.85 | 12.51 | 20.87 | 14.07 | 9.29 |
| | HHMW-05S2-R | 10.99 | 11.10 | 14.77 | 14.60 | 12.43 | 10.33 | 13.69 | 13.94 | 12.32 | 13.14 | 16.50 | 13.49 | 10.57 |
| | HHMW-09D | 11.58 | -- | 14.05 | -- | 7.27 | -- | -- | -- | 10.67 | -- | -- | -- | 10.31 |
| | HHMW-09I | 11.71 | -- | 14.15 | 12.60 | 8.45 | 11.51 | 18.28 | 11.75 | 8.77 | -- | -- | -- | 10.95 |
| | HHMW-09S1 | 10.33 | -- | 16.22 | 14.20 | 9.29 | 12.00 | 24.10 | 13.61 | 12.62 | 11.61 | 22.72 | 15.62 | 9.25 |
| | HHMW-09S2 | 11.60 | -- | 14.79 | 13.10 | 8.60 | -- | -- | 13.14 | 10.15 | 11.22 | 15.96 | 16.33 | 10.60 |
| | HHMW-15S | 13.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 10.80 | -- | 19.41 | 16.10 | 7.22 | 8.90 | -- | 15.55 | 8.79 | 10.83 | 20.15 | 16.58 | 7.02 |
| | MW-04 | 10.43 | -- | 16.38 | 13.10 | 11.57 | 9.83 | 16.81 | 14.01 | 11.87 | 17.18 | 15.33 | 12.11 | 10.44 |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | 12.40 | 14.55 | 12.60 | -- | 12.68 | 16.82 | 10.10 | 6.41 | 12.14 | 17.97 | 11.14 | 9.60 |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | 13.60 | -- | 23.36 | 16.70 | 6.45 | 11.68 | 23.44 | 16.75 | 8.21 | -- | -- | -- | -- |
| | HHMW-06S2 | -- | 13.80 | 16.67 | 13.90 | 10.82 | 12.54 | 14.16 | 12.57 | 11.20 | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 13.70 | -- | 23.10 | 15.85 | 4.62 | 10.90 | 21.84 | 15.95 | 7.90 | 15.14 | 22.15 | 15.47 | 8.93 |
| | HHMW-07S2 | 11.87 | -- | 15.26 | 13.34 | 10.41 | 11.50 | 17.40 | 12.63 | 11.85 | 13.61 | 14.10 | 13.41 | 10.85 |
| | HHMW-08S | 12.80 | -- | 19.88 | 15.40 | 10.10 | 11.02 | 20.50 | 15.90 | 11.23 | 15.94 | 21.42 | 16.29 | 9.84 |
| | HHMW-11I | 12.40 | -- | 14.74 | 14.50 | 10.40 | 11.20 | 15.90 | 12.80 | 11.09 | 13.66 | 17.13 | 14.80 | 9.85 |
| | HHMW-11S/11SR | 12.02 | -- | 22.04 | 18.30 | 6.00 | 10.32 | 21.36 | 16.27 | 10.01 | 13.20 | 22.75 | 18.28 | 8.74 |
| | HHMW-19S1 | 13.20 | 14.10 | 20.15 | 16.40 | 8.09 | 10.70 | 18.64 | 15.97 | 9.82 | 14.55 | 23.95 | 16.42 | 9.38 |
| | HHMW-19S2 | 12.10 | 11.26 | 13.61 | 13.10 | 12.28 | 11.45 | 13.49 | 12.67 | 11.84 | 14.66 | 20.47 | 13.25 | 11.40 |
| | HHMW-20S1 | 12.99 | 13.73 | 21.58 | 18.20 | 6.41 | 10.97 | 20.37 | 16.19 | 9.56 | 15.17 | 23.38 | 17.09 | 8.83 |
| | HHMW-20S2/20S2R | 12.20 | 12.40 | 15.19 | 15.00 | 9.99 | 11.00 | 16.40 | 12.67 | 11.74 | 16.11 | 17.91 | 13.16 | 10.87 |
| | HHMW-21S1 | -- | 14.79 | 22.90 | 17.60 | 5.54 | 11.42 | 23.83 | 16.39 | 8.90 | 15.64 | 22.84 | 16.84 | 9.29 |
| | HHMW-21S2 | -- | 13.50 | 14.52 | 14.00 | 8.61 | 11.32 | 17.49 | 12.26 | 10.62 | 16.10 | 16.45 | 14.22 | 11.34 |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2010 | | | | 2011 | | | | 2012 | | | | 2013 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Apr-10** | **May-10** | **Jul-10** | **Oct/Nov-10** | **Jan-11** | **Apr-11** | **Jul-11** | **Nov-11** | **Jan-12** | **Apr-12** | **Aug-12** | **Nov-12** | **Jan-13** |
| | **Oxidation Reduction Potential (mV)** | | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 250 | -- | 224 | 247 | 250 | 210 | 312 | 261 | 389 | 320 | 800 | 744 | 661 |
| | HHMW-14 | 253 | -- | 317 | 286 | 299 | 209 | 330 | 425 | 589 | 550 | 790 | 674 | 584 |
| | HHMW-16S1 | 260 | 321 | 229 | 241 | 270 | 214 | 400 | 700 | 850 | 900 | NM | 283 | 237 |
| | HHMW-16S2 | 246 | 242 | 312 | 275 | 273 | 274 | 260 | 220 | 236 | 380 | 500 | 432 | 357 |
| | HHMW-17S1 | 291 | 322 | 281 | 249 | 310 | 335 | 291 | 231 | 154 | 195 | 340 | 251 | 244 |
| | HHMW-17S2 | 239 | 233 | 282 | 277 | 278 | 275 | 188 | 268 | 327 | 290 | 280 | 405 | 344 |
| | HHMW-18S1 | 236 | 245 | 238 | 214 | 300 | 248 | 236 | 196 | 196 | 260 | 247 | 276 | 309 |
| | HHMW-18S2 | 203 | 266 | 282 | 214 | 294 | 299 | 278 | 355 | 290 | 316 | 267 | 325 | 287 |
| Oxygen Injection Area | HHMW-04I | 288 | -- | 201 | 242 | 291 | 294 | 301 | 308 | 215 | 270 | 249 | 308 | 269 |
| | HHMW-05S1-R | 123 | 193 | 181 | 172 | 240 | 232 | 114 | 150 | 139 | 480 | 202 | 169 | 231 |
| | HHMW-05S2-R | 259 | 178 | 293 | 185 | 269 | 294 | 248 | 290 | 352 | 344 | 272 | 288 | 293 |
| | HHMW-09D | 189 | -- | 206 | -- | 237 | -- | -- | -- | 255 | -- | -- | -- | 213 |
| | HHMW-09I | 233 | -- | 173 | 244 | 270 | 321 | 189 | 210 | 189 | -- | -- | -- | 220 |
| | HHMW-09S1 | 317 | -- | 106 | 167 | 133 | 215 | 283 | 192 | -- | 235 | 168 | 281 | 101 |
| | HHMW-09S2 | 258 | -- | 291 | 258 | 312 | -- | -- | 310 | 234 | 243 | 294 | 285 | 292 |
| | HHMW-15S | 186 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 50 | -- | -49 | -7 | 12 | 93 | -- | 150 | 266 | 157 | 90 | 91 | 79 |
| | MW-04 | 223 | -- | 237 | 271 | 292 | 253 | 182 | 216 | 298 | 261 | 285 | 299 | 306 |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | 258 | 301 | 257 | -- | 50 | 286 | 187 | 164 | 279 | 258 | 313 | 285 |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -36 | -- | -127 | -106 | 78 | 47 | -75 | -106 | -8 | -- | -- | -- | -- |
| | HHMW-06S2 | -- | 205 | 172 | 135 | 200 | 280 | 141 | 159 | 159 | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 1 | -- | -96 | -75 | -35 | 5 | -98 | -100 | -53 | -77 | -135 | -132 | -155 |
| | HHMW-07S2 | 190 | -- | 184 | 259 | 287 | 225 | -67 | 198 | 203 | 144 | 208 | 251 | 258 |
| | HHMW-08S | 188 | -- | 214 | 240 | 216 | 247 | 250 | 118 | 219 | 254 | 234 | 245 | 234 |
| | HHMW-11I | 249 | -- | 233 | 204 | 198 | 265 | 293 | 219 | 242 | 261 | 178 | 282 | 215 |
| | HHMW-11S/11SR | -38 | -- | -107 | -31 | -90 | -50 | -108 | -22 | 5 | -70 | -45 | -38 | -41 |
| | HHMW-19S1 | -96 | -100 | -85 | -169 | -81 | 6 | -122 | -150 | -110 | 155 | -149 | -109 | -78 |
| | HHMW-19S2 | 243 | 247 | 171 | 212 | 277 | 245 | 230 | 219 | 126 | 235 | 151 | 278 | 267 |
| | HHMW-20S1 | -122 | -99 | -143 | -149 | -28 | -16 | -120 | -127 | -66 | -84 | -136 | -59 | -5 |
| | HHMW-20S2/20S2R | 282 | 285 | 244 | 248 | 203 | 275 | 281 | 221 | 273 | 288 | 197 | 302 | 277 |
| | HHMW-21S1 | -- | 205 | 138 | 172 | 133 | 253 | 216 | 115 | 164 | 185 | 190 | 221 | 235 |
| | HHMW-21S2 | -- | 218 | 237 | 253 | 260 | 283 | 187 | 215 | 296 | 255 | 205 | 297 | 256 |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2013 | | | 2014 | | | 2015 | | 2016 | | 2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-13 | Jul-13 | Oct-13 | Jan-14 | Apr-14 | Sep-14 | Mar-15 | Sep-15 | Mar-16 | Sep/Oct-16 | Mar-17 | Sep-17 |
| | pH (standard units) | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 4.41 | 5.69 | 5.24 | 5.20 | 5.15 | 4.93 | 5.37 | 4.78 | 2.04 | 5.33 | -- | 4.88 |
| | HHMW-14 | 6.08 | 6.48 | 5.19 | 5.23 | 5.41 | 5.30 | 5.43 | 5.15 | 2.43 | 5.37 | -- | 4.90 |
| | HHMW-16S1 | 5.24 | 5.07 | 4.44 | 5.30 | 4.40 | 5.57 | 4.79 | 4.34 | 1.16 | 1.16 | -- | 4.11 |
| | HHMW-16S2 | 6.68 | 6.36 | 5.67 | 5.07 | 4.98 | 5.05 | -- | 4.71 | -- | 4.04 | 5.34 | 4.74 |
| | HHMW-17S1 | 5.30 | 5.25 | 5.40 | 5.81 | 6.21 | 5.99 | -- | 4.86 | -- | 5.76 | -- | -- |
| | HHMW-17S2 | 5.28 | 5.24 | 5.12 | 5.90 | 6.15 | 6.12 | -- | 4.50 | -- | 3.53 | -- | -- |
| | HHMW-18S1 | 5.14 | 5.11 | 4.86 | 4.60 | 5.33 | 4.70 | 4.87 | 4.67 | 4.48 | 5.16 | 5.50 | 4.88 |
| | HHMW-18S2 | 5.21 | 5.09 | 5.02 | 4.89 | 4.73 | 5.35 | -- | 4.88 | -- | 5.33 | -- | |
| Oxygen Injection Area | HHMW-04I | 5.33 | 5.31 | 5.01 | 4.84 | 5.14 | 5.30 | -- | 4.79 | -- | 5.31 | -- | -- |
| | HHMW-05S1-R | 6.30 | 6.29 | 6.02 | 5.82 | 5.78 | 5.92 | 5.32 | 5.62 | 4.81 | 5.56 | -- | -- |
| | HHMW-05S2-R | 5.27 | 5.16 | 5.11 | 4.92 | 5.36 | 5.38 | -- | 5.04 | -- | 5.34 | -- | -- |
| | HHMW-09D | -- | -- | -- | 5.56 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | 5.02 | -- | -- | -- | 5.01 | -- | 5.71 | -- | -- |
| | HHMW-09S1 | 5.82 | 5.75 | 4.91 | 5.37 | 6.63 | 5.40 | 5.42 | 5.21 | 3.29 | 5.95 | 6.10 | 5.41 |
| | HHMW-09S2 | 5.40 | 5.14 | 5.26 | 4.98 | 4.92 | 4.99 | -- | 4.98 | -- | 5.53 | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 6.74 | 6.61 | 6.36 | 6.00 | 6.42 | 6.16 | 6.12 | 5.49 | 5.92 | 6.17 | 6.56 | -- |
| | MW-04 | 5.37 | 5.77 | 5.21 | 5.16 | 5.64 | 4.96 | -- | 4.95 | -- | 5.53 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 5.27 | 5.24 | 5.11 | 4.88 | 5.41 | 4.91 | -- | 4.99 | -- | 5.35 | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 6.69 | 6.46 | 6.48 | 6.30 | 6.68 | 6.11 | 6.24 | 5.73 | 5.03 | 6.62 | 6.77 | 6.35 |
| | HHMW-07S2 | 5.50 | 5.70 | 5.35 | 5.03 | 4.81 | 5.41 | -- | 5.06 | -- | 5.50 | -- | -- |
| | HHMW-08S | 5.77 | 6.05 | 5.52 | 5.37 | 5.85 | 5.73 | -- | 5.18 | -- | 5.93 | -- | -- |
| | HHMW-19S1 | 6.36 | 6.21 | 6.00 | 5.90 | 6.27 | 5.94 | 5.99 | 6.09 | 5.47 | 6.28 | 6.45 | 6.07 |
| | HHMW-19S2 | 4.51 | 5.28 | 5.16 | 4.99 | 4.74 | 5.35 | 5.10 | 4.84 | -- | 5.45 | -- | -- |
| | HHMW-20S1 | 6.83 | 6.73 | 6.60 | 6.42 | 6.96 | 6.32 | 6.55 | 6.49 | 6.62 | 6.64 | -- | -- |
| | HHMW-20S2/20S2R | 5.39 | 5.66 | 5.11 | 4.97 | 5.94 | 5.33 | -- | 4.76 | -- | 5.48 | -- | -- |
| | HHMW-21S1 | 5.89 | 5.77 | 5.58 | 5.65 | 6.05 | 5.46 | -- | 5.51 | -- | 5.87 | -- | -- |
| | HHMW-21S2 | 5.59 | 5.41 | 5.36 | 5.16 | 5.15 | 5.54 | -- | 4.84 | -- | 5.61 | -- | -- |
| | HHMW-11I | 5.63 | 5.92 | 5.46 | 5.27 | 5.87 | 5.65 | -- | 5.11 | -- | -- | -- | -- |
| | HHMW-11S/11SR | 6.47 | 6.37 | 6.15 | 6.14 | 6.59 | 6.00 | 6.27 | 6.24 | -- | 6.76 | 8.89 | 6.75 |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2013 | | | 2014 | | | 2015 | | 2016 | | 2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Apr-13** | **Jul-13** | **Oct-13** | **Jan-14** | **Apr-14** | **Sep-14** | **Mar-15** | **Sep-15** | **Mar-16** | **Sep/Oct-16** | **Mar-17** | **Sep-17** |
| | **Conductivity (mS/cm)** | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 0.895 | 0.271 | 0.411 | 0.390 | 0.395 | 0.230 | 0.312 | 0.26 | 0.219 | 0.273 | -- | 0.390 |
| | HHMW-14 | 0.619 | 0.301 | 0.417 | 0.390 | 0.415 | 0.595 | 0.310 | 0.19 | 0.222 | 0.273 | -- | 0.39 |
| | HHMW-16S1 | 0.840 | 0.595 | 0.997 | 0.381 | 0.700 | 0.930 | 1.130 | 0.62 | 0.424 | 0.424 | -- | 0.85 |
| | HHMW-16S2 | 0.667 | 0.319 | 0.343 | 0.610 | 0.701 | 0.900 | -- | 0.25 | -- | 0.261 | 0.335 | 0.40 |
| | HHMW-17S1 | 0.415 | 0.268 | 0.480 | 0.810 | 0.369 | 0.341 | -- | 0.34 | -- | 0.304 | -- | -- |
| | HHMW-17S2 | 0.268 | 0.281 | 0.361 | 0.480 | 0.310 | 0.409 | -- | 0.26 | -- | 0.294 | -- | -- |
| | HHMW-18S1 | 0.398 | 0.311 | 0.510 | 0.370 | 0.365 | 0.300 | 0.437 | 0.34 | 0.269 | 0.447 | 0.344 | 0.406 |
| | HHMW-18S2 | 0.240 | 0.244 | 0.369 | 0.243 | 0.217 | 0.246 | -- | 0.24 | -- | 0.268 | -- | -- |
| Oxygen Injection Area | HHMW-04I | 0.284 | 0.308 | 0.452 | 0.311 | 0.142 | 0.330 | -- | 0.311 | -- | 0.316 | -- | -- |
| | HHMW-05S1-R | 0.316 | 0.365 | 0.470 | 1.23 | 0.448 | 3.230 | 0.219 | 0.234 | 0.234 | 0.204 | -- | -- |
| | HHMW-05S2-R | 0.276 | 0.301 | 0.347 | 0.269 | 0.262 | 0.283 | -- | 0.238 | -- | 0.333 | -- | -- |
| | HHMW-09D | -- | -- | -- | 0.164 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | 0.213 | -- | -- | -- | 0.217 | -- | 0.220 | -- | -- |
| | HHMW-09S1 | 0.526 | 0.300 | 0.705 | 0.269 | 0.200 | 0.405 | 0.299 | 0.309 | 0.15 | 0.254 | 0.289 | 0.357 |
| | HHMW-09S2 | 0.258 | 0.305 | 0.333 | 0.298 | 0.266 | 0.253 | -- | 0.299 | -- | 0.379 | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 0.631 | 0.732 | 1.100 | 0.967 | 1.420 | 1.270 | 1.660 | 1.360 | 2.690 | 1.650 | 1.630 | -- |
| | MW-04 | 0.277 | 0.306 | 0.418 | 0.278 | 0.256 | 0.316 | -- | 0.265 | -- | 0.301 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 0.278 | 0.277 | 0.394 | 0.270 | 0.269 | 0.293 | -- | 0.25 | -- | 0.303 | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 1.02 | 0.538 | 0.927 | 1.40 | 1.98 | 0.87 | 1.62 | 0.45 | 0.707 | 1.15 | 0.92 | 2.12 |
| | HHMW-07S2 | 0.255 | 0.268 | 0.350 | 0.257 | 0.241 | 0.257 | -- | 0.22 | -- | 0.276 | -- | -- |
| | HHMW-08S | 0.309 | 0.346 | 0.512 | 0.308 | 0.525 | 0.401 | -- | 0.37 | -- | 0.414 | -- | -- |
| | HHMW-11I | 0.276 | 0.287 | 0.331 | 0.287 | 0.276 | 0.288 | -- | 0.25 | -- | -- | -- | -- |
| | HHMW-11S/11SR | 0.537 | 0.647 | 0.703 | 0.675 | 1.790 | 1.000 | 0.747 | 0.81 | -- | 0.877 | 0.530 | 0.590 |
| | HHMW-19S1 | 0.683 | 0.567 | 0.778 | 1.28 | 2.53 | 1.48 | 1.82 | 1.06 | 1.08 | 0.710 | 2.33 | 1.17 |
| | HHMW-19S2 | 0.251 | 0.273 | 0.329 | 0.273 | 0.245 | 0.275 | 0.302 | 0.26 | -- | 0.288 | -- | -- |
| | HHMW-20S1 | 0.412 | 0.699 | 0.857 | 0.698 | 0.730 | 0.874 | 1.390 | 0.70 | 0.385 | 0.536 | -- | -- |
| | HHMW-20S2/20S2R | 0.295 | 0.328 | 0.361 | 0.303 | 0.306 | 0.297 | -- | 0.27 | -- | 0.347 | -- | -- |
| | HHMW-21S1 | 0.356 | 0.368 | 0.500 | 0.442 | 0.644 | 0.413 | -- | 0.37 | -- | 0.480 | -- | -- |
| | HHMW-21S2 | 0.218 | 0.244 | 0.301 | 0.258 | 0.130 | 0.259 | -- | 0.24 | -- | 0.267 | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2013 | | | 2014 | | | 2015 | | 2016 | | 2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Apr-13** | **Jul-13** | **Oct-13** | **Jan-14** | **Apr-14** | **Sep-14** | **Mar-15** | **Sep-15** | **Mar-16** | **Sep/Oct-16** | **Mar-17** | **Sep-17** |
| | **Dissolved Oxygen (mg/L)** | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 0.03 | 7.02 | 5.46 | 0.30 | 5.10 | 5.89 | 2.68 | 7.49 | 0.00 | 2.04 | -- | 2.17 |
| | HHMW-14 | 0.00 | 3.07 | 8.78 | 8.92 | 8.35 | 10.90 | 7.90 | 8.05 | 5.39 | 6.68 | -- | 6.95 |
| | HHMW-16S1 | 0.00 | 3.92 | 19.99 | 9.38 | 3.99 | 4.32 | 11.53 | 9.67 | 16.02 | 7.67 | 11.12 | 14.06 |
| | HHMW-16S2 | 0.00 | 7.70 | 11.22 | 6.17 | 4.10 | 9.38 | -- | 7.22 | -- | 8.14 | -- | 8.48 |
| | HHMW-17S1 | 12.44 | 29.48 | 24.31 | 7.67 | 6.98 | 6.47 | -- | 15.33 | -- | 13.11 | -- | -- |
| | HHMW-17S2 | 5.74 | 7.31 | 14.02 | 14.00 | 17.24 | 18.24 | -- | 5.62 | -- | 5.90 | -- | -- |
| | HHMW-18S1 | 10.11 | 5.03 | 2.81 | 8.10 | 11.59 | 7.80 | 14.79 | 5.00 | 10.84 | 4.56 | 22.67 | 3.07 |
| | HHMW-18S2 | 3.23 | 4.26 | 3.57 | 3.95 | 5.80 | 6.98 | -- | 3.55 | -- | 5.25 | -- | -- |
| Oxygen Injection Area | HHMW-04I | 8.28 | 6.61 | 10.56 | 10.96 | 7.58 | 10.03 | -- | 17.80 | -- | 5.96 | -- | -- |
| | HHMW-05S1-R | 24.70 | 19.57 | 22.60 | 21.65 | 17.90 | 20.00 | 17.39 | 31.00 | 14.89 | 9.66 | -- | -- |
| | HHMW-05S2-R | 12.21 | 19.42 | 19.00 | 16.10 | 19.87 | 19.24 | -- | 18.98 | -- | 9.38 | -- | -- |
| | HHMW-09D | -- | -- | -- | 8.42 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | 9.71 | -- | -- | -- | 10.47 | -- | 6.17 | -- | -- |
| | HHMW-09S1 | 5.25 | 8.95 | 9.96 | 7.48 | 7.64 | 8.23 | 16.12 | 6.97 | 8.66 | 6.47 | 2.98 | 5.94 |
| | HHMW-09S2 | 22.89 | 28.97 | 34.00 | 38.26 | 23.50 | 30.00 | -- | 48.00 | -- | 27.92 | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | | -- | -- | -- | -- | -- | -- |
| | MW-03 | 19.08 | 8.87 | 16.10 | 25.59 | 16.37 | 18.35 | 16.47 | 20.28 | 31.62 | 24.84 | 50.00 | -- |
| | MW-04 | 37.60 | 25.07 | 33.86 | 33.34 | 25.10 | 30.00 | -- | 35.55 | -- | 20.52 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 7.41 | 6.33 | 9.51 | 8.60 | 7.97 | 7.90 | -- | 8.42 | -- | 7.00 | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 0.98 | 0.65 | 3.50 | 0.68 | 0.83 | 0.40 | 1.58 | 1.91 | 4.88 | 0.35 | 5.62 | 0.43 |
| | HHMW-07S2 | 4.28 | 7.12 | 2.10 | 2.06 | 0.75 | 5.66 | -- | 2.76 | -- | 2.62 | -- | -- |
| | HHMW-08S | 27.00 | 16.39 | 24.03 | 31.41 | 15.60 | 16.47 | -- | 24.30 | -- | 14.65 | -- | -- |
| | HHMW-11I | 4.85 | 6.60 | 8.34 | 4.35 | 2.80 | 6.57 | -- | 2.90 | -- | -- | -- | -- |
| | HHMW-11S/11SR | 0.90 | 0.43 | 0.68 | 0.90 | 0.88 | 0.55 | 0.34 | 1.34 | -- | 1.5 | 2.95 | 1.54 |
| | HHMW-19S1 | 1.10 | 0.99 | 1.81 | 0.60 | 1.90 | 0.69 | 3.53 | 1.05 | 6.37 | 3.04 | 7.70 | 1.50 |
| | HHMW-19S2 | 1.45 | 5.25 | 7.02 | 1.81 | 2.49 | 3.88 | 2.25 | 2.40 | -- | 5.02 | -- | -- |
| | HHMW-20S1 | 1.40 | 0.66 | 0.39 | 1.16 | 1.37 | 0.84 | 1.62 | 1.36 | 0.00 | 0.63 | -- | -- |
| | HHMW-20S2/20S2R | 5.10 | 8.30 | 8.64 | 4.29 | 3.09 | 8.15 | -- | 4.80 | -- | 7.30 | -- | -- |
| | HHMW-21S1 | 4.96 | 3.39 | 4.30 | 4.84 | 5.87 | 4.55 | -- | 3.11 | -- | 4.78 | -- | -- |
| | HHMW-21S2 | 6.09 | 6.58 | 11.73 | 7.90 | 5.98 | 7.22 | -- | 8.10 | -- | 7.05 | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2013 | | | 2014 | | | 2015 | | 2016 | | 2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-13 | Jul-13 | Oct-13 | Jan-14 | Apr-14 | Sep-14 | Mar-15 | Sep-15 | Mar-16 | Sep/Oct-16 | Mar-17 | Sep-17 |
| | Temperature (degrees Celsius) | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 12.01 | 26.13 | 13.75 | 12.20 | 11.65 | 11.00 | 10.76 | 23.34 | 14.34 | 14.79 | -- | 12.80 |
| | HHMW-14 | 12.15 | 21.94 | 11.62 | 11.50 | 11.47 | 11.63 | 10.95 | 20.82 | 14.32 | 14.32 | -- | 13.66 |
| | HHMW-16S1 | 12.83 | 21.84 | 12.61 | 8.70 | 10.02 | 14.00 | 9.51 | 20.33 | 14.27 | 11.16 | -- | 12.98 |
| | HHMW-16S2 | 11.49 | 28.45 | 12.13 | 8.21 | 10.17 | 14.12 | -- | 16.34 | -- | 14.32 | 10.82 | 13.74 |
| | HHMW-17S1 | 15.88 | 22.08 | 16.31 | 11.35 | 11.47 | 10.73 | -- | 16.46 | -- | 13.66 | -- | -- |
| | HHMW-17S2 | 20.85 | 21.85 | 12.81 | 12.54 | 8.73 | 9.24 | -- | 17.78 | -- | 15.25 | -- | -- |
| | HHMW-18S1 | 13.88 | 17.29 | 13.29 | 10.33 | 12.00 | 14.50 | 7.91 | 20.99 | 15.21 | 14.52 | 6.15 | 13.77 |
| | HHMW-18S2 | 13.05 | 17.50 | 12.30 | 10.92 | 17.09 | 14.25 | -- | 19.10 | -- | 14.07 | -- | -- |
| Oxygen Injection Area | HHMW-04I | 11.42 | 18.74 | 13.20 | 9.16 | 15.86 | 15.32 | -- | 15.37 | -- | 17.60 | -- | -- |
| | HHMW-05S1-R | 10.23 | 19.25 | 16.22 | 11.06 | 9.00 | 17.75 | 6.07 | 20.28 | 14.17 | 20.29 | -- | -- |
| | HHMW-05S2-R | 12.25 | 14.64 | 14.01 | 13.10 | 10.76 | 13.44 | -- | 16.93 | -- | 16.07 | -- | -- |
| | HHMW-09D | -- | -- | -- | 11.03 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | 11.16 | -- | -- | -- | 14.41 | -- | 12.80 | -- | -- |
| | HHMW-09S1 | 13.12 | 19.71 | 14.32 | 9.19 | 10.63 | 20.02 | 3.20 | 26.65 | 13.63 | 20.72 | 12.29 | 18.66 |
| | HHMW-09S2 | 18.93 | 15.69 | 12.71 | 10.79 | 11.22 | 15.26 | -- | 15.16 | -- | 13.57 | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 9.86 | 21.83 | 16.98 | 9.99 | 8.99 | 17.42 | 6.48 | 18.60 | 11.75 | 17.19 | 7.05 | -- |
| | MW-04 | 10.74 | 18.39 | 14.57 | 10.95 | 12.69 | 15.92 | -- | 16.05 | -- | 17.89 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 11.79 | 15.07 | 12.23 | 10.86 | 11.42 | 12.99 | -- | 13.58 | -- | 12.82 | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | 12.87 | 21.90 | 17.23 | 7.86 | 10.44 | 19.44 | 3.77 | 21.04 | 9.52 | 22.02 | 5.80 | 19.14 |
| | HHMW-07S2 | 11.78 | 14.64 | 14.57 | 12.03 | 14.76 | 14.27 | -- | 14.86 | -- | 14.49 | -- | -- |
| | HHMW-08S | 11.42 | 18.56 | 16.63 | 10.86 | 12.10 | 18.36 | -- | 20.23 | -- | 19.22 | -- | -- |
| | HHMW-11I | 11.54 | 17.13 | 14.16 | 11.10 | 13.70 | 14.48 | -- | 18.11 | -- | -- | -- | -- |
| | HHMW-11S/11SR | 10.79 | 21.16 | 18.34 | 10.04 | 11.17 | 19.55 | 6.31 | 22.08 | -- | 18.61 | 8.78 | 19.84 |
| | HHMW-19S1 | 11.50 | 20.85 | 17.06 | 8.40 | 11.00 | 20.02 | 5.27 | 22.24 | 10.75 | 22.57 | 5.97 | 18.89 |
| | HHMW-19S2 | 13.25 | 15.13 | 13.53 | 11.77 | 15.11 | 14.23 | 10.09 | 16.28 | -- | 15.34 | -- | -- |
| | HHMW-20S1 | 12.75 | 21.20 | 18.51 | 9.12 | 11.27 | 20.07 | 5.53 | 23.96 | 11.38 | 21.18 | -- | -- |
| | HHMW-20S2/20S2R | 12.24 | 15.40 | 14.73 | 11.94 | 11.87 | 16.18 | -- | 15.55 | -- | 14.56 | -- | -- |
| | HHMW-21S1 | 12.04 | 22.60 | 18.29 | 8.97 | 11.37 | 21.20 | -- | 26.26 | -- | 24.13 | -- | -- |
| | HHMW-21S2 | 11.30 | 17.43 | 14.17 | 11.41 | 15.49 | 16.79 | -- | 18.11 | -- | 17.03 | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2013 | | | 2014 | | | 2015 | | 2016 | | 2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Apr-13 | Jul-13 | Oct-13 | Jan-14 | Apr-14 | Sep-14 | Mar-15 | Sep-15 | Mar-16 | Sep/Oct-16 | Mar-17 | Sep-17 |
| | Oxidation Reduction Potential (mV) | | | | | | | | | | | | |
| Upgradient | HHMW-13 | 732 | 261 | 182 | 193 | 175 | 402 | 217 | 260 | 350 | 211 | -- | 205 |
| | HHMW-14 | 601 | 289 | 220 | 399 | 91 | 96 | 211 | 263 | 349 | 224 | -- | 219 |
| | HHMW-16S1 | 288 | 281 | 271 | 214 | 89 | 97 | 270 | 307 | 419 | 419 | -- | 297 |
| | HHMW-16S2 | 299 | 210 | 220 | -- | 101 | 112 | -- | 288 | -- | 329 | 277 | 236 |
| | HHMW-17S1 | 301 | 188 | 191 | 125 | 108 | 110 | -- | 301 | -- | 244 | -- | -- |
| | HHMW-17S2 | 233 | 306 | 221 | 231 | 383 | 301 | -- | 309 | -- | 353 | -- | -- |
| | HHMW-18S1 | 304 | 286 | 260 | 208 | 287 | 287 | 216 | 274 | 362 | 295 | 295 | 223 |
| | HHMW-18S2 | 330 | 242 | 252 | 209 | 207 | 251 | -- | 288 | -- | 260 | -- | -- |
| Oxygen Injection Area | HHMW-04I | 280 | 171 | 266 | 173 | 95 | 277 | -- | 299 | -- | 268 | -- | -- |
| | HHMW-05S1-R | 183 | 186 | 322 | 216 | 186 | 243 | 181 | 248 | 330 | 233 | -- | -- |
| | HHMW-05S2-R | 404 | 222 | 221 | 258 | 297 | 255 | -- | 243 | -- | 163 | -- | -- |
| | HHMW-09D | -- | -- | -- | 171 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | 198 | -- | -- | -- | 280 | -- | 123 | -- | -- |
| | HHMW-09S1 | 122 | 175 | 161 | 147 | 119 | 133 | 106 | 41 | 157 | 5 | 113 | 10 |
| | HHMW-09S2 | 248 | 228 | 238 | 198 | 297 | 318 | -- | 322 | -- | 203 | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 70 | 58 | 57 | -8 | 12 | -17 | 99 | 9 | 36 | 22 | 33 | -- |
| | MW-04 | 379 | 310 | 256 | 281 | 239 | 303 | -- | 294 | -- | 260 | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | 333 | 234 | 220 | 247 | 294 | 306 | -- | 205 | -- | 269 | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -149 | -147 | -158 | -40 | -130 | -63 | -2 | 2 | 22 | -125 | 104 | -140 |
| | HHMW-07S2 | 212 | 256 | 169 | 94 | 236 | 183 | -- | 213 | -- | 108 | -- | -- |
| | HHMW-08S | 196 | 279 | 216 | 144 | 273 | 240 | -- | 278 | -- | 214 | -- | -- |
| | HHMW-11I | 364 | 293 | 222 | 121 | 232 | 218 | -- | 273 | -- | -- | -- | -- |
| | HHMW-11S/11SR | -60 | -106 | -40 | -41 | -54 | -27 | -3 | -28 | -- | -125 | 60 | -98 |
| | HHMW-19S1 | -112 | -130 | -103 | -85 | -92 | -53 | 54 | -62 | 20 | -127 | 1 | -98 |
| | HHMW-19S2 | 266 | 293 | 222 | 93 | 220 | 239 | 110 | 267 | -- | 98 | -- | -- |
| | HHMW-20S1 | -8 | -125 | -95 | -36 | 21 | 12 | -25 | 47 | 98 | -1 | -- | -- |
| | HHMW-20S2/20S2R | 280 | 320 | 232 | 145 | 310 | 265 | -- | 290 | -- | 188 | -- | -- |
| | HHMW-21S1 | 356 | 245 | 145 | 157 | 169 | 175 | -- | 203 | -- | 198 | -- | -- |
| | HHMW-21S2 | 236 | 202 | 216 | 195 | 206 | 255 | -- | 294 | -- | 229 | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2018 | | 2019 | | 2020 | | 2021 | |
|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Mar-18 | Aug-18 | Mar-19 | Sep-19 | Feb-20 | Sep-20 | Mar-21 | Aug-21 |
| | pH (standard units) | | | | | | | | |
| Upgradient | HHMW-13 | -- | -- | -- | 5.19 | -- | 5.18 | -- | 5.81 |
| | HHMW-14 | -- | 5.41 | -- | 5.41 | -- | 5.36 | 5.60 | 5.50 |
| | HHMW-16S1 | 4.56 | 4.75 | 4.76 | 4.14 | 4.97 | 4.97 | -- | 5.09 |
| | HHMW-16S2 | -- | 5.20 | -- | 5.08 | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 5.16 | -- | 5.27 | -- | 5.10 | 5.34 | 5.37 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 6.39 | 5.06 | 6.35 | 6.04 | 6.33 | 5.62 | 5.87 | 6.38 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | -- | -- | -- | -- | 6.72 | -- | 6.72 | -- |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | 5.54 | -- | 7.50 | -- | 6.95 | -- | 7.13 |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-19S1 | 5.96 | 5.87 | 6.64 | 6.94 | 7.00 | 6.46 | 6.57 | 6.59 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | 6.55 | 6.00 | -- | 7.53 | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | 5.95 | -- | 7.09 | -- | | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2018 | | 2019 | | 2020 | | 2021 | |
|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Mar-18 | Aug-18 | Mar-19 | Sep-19 | Feb-20 | Sep-20 | Mar-21 | Aug-21 |
| | Conductivity (mS/cm) | | | | | | | | |
| Upgradient | HHMW-13 | -- | -- | -- | 0.270 | -- | 0.184 | -- | 0.250 |
| | HHMW-14 | -- | 0.205 | -- | 0.267 | -- | 0.190 | 0.215 | 0.249 |
| | HHMW-16S1 | 0.754 | 0.337 | 0.489 | 0.612 | 0.599 | 0.308 | -- | 0.486 |
| | HHMW-16S2 | -- | 0.193 | -- | 0.283 | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 0.220 | -- | 0.408 | -- | 0.226 | 0.278 | 0.255 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 0.361 | 0.212 | 0.200 | 0.221 | 0.183 | 0.153 | 0.130 | 0.200 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | -- | -- | -- | -- | 1.740 | -- | 0.868 | -- |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | 1.82 | -- | 0.261 | -- | 0.634 | -- | 1.070 |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | 0.220 | -- | 0.310 | -- | -- | -- | -- |
| | HHMW-19S1 | 2.33 | 0.753 | 0.718 | 0.467 | 0.258 | 0.420 | 0.667 | 0.689 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | 0.940 | 0.193 | -- | 0.172 | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2018 | | 2019 | | 2020 | | 2021 | |
|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Mar-18** | **Aug-18** | **Mar-19** | **Sep-19** | **Feb-20** | **Sep-20** | **Mar-21** | **Aug-21** |
| | **Dissolved Oxygen (mg/L)** | | | | | | | | |
| Upgradient | HHMW-13 | -- | -- | -- | 0.00 | -- | 1.18 | -- | 5.86 |
| | HHMW-14 | -- | 6.87 | -- | 6.84 | -- | 9.25 | 6.29 | 7.89 |
| | HHMW-16S1 | 17.80 | 10.43 | 15.45 | 13.67 | 6.07 | 18.21 | -- | 9.26 |
| | HHMW-16S2 | -- | 5.59 | -- | 6.69 | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 0.60 | -- | 7.66 | -- | 2.95 | 8.41 | 4.48 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 9.66 | 1.96 | 2.13 | 5.04 | 2.30 | 3.87 | 7.06 | 5.37 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | -- | -- | -- | -- | 16.10 | -- | 18.94 | -- |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | 0.00 | -- | 0.00 | -- | 0.00 | -- | 0.00 |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | 0.00 | -- | 0.00 | -- | -- | -- | -- |
| | HHMW-19S1 | 0.74 | 0.00 | 0.37 | 0.00 | 0.92 | 0.00 | 0.00 | 0.00 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | 2.55 | 0.00 | -- | 0.00 | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2018 | | 2019 | | 2020 | | 2021 | |
|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Mar-18 | Aug-18 | Mar-19 | Sep-19 | Feb-20 | Sep-20 | Mar-21 | Aug-21 |
| | Temperature (degrees Celsius) | | | | | | | | |
| Upgradient | HHMW-13 | -- | -- | -- | 12.50 | -- | 11.77 | -- | 21.05 |
| | HHMW-14 | -- | 14.48 | | 13.27 | -- | 11.48 | 12.11 | 17.83 |
| | HHMW-16S1 | 11.37 | 18.08 | 11.22 | 12.38 | 10.89 | 12.39 | -- | 19.52 |
| | HHMW-16S2 | -- | 17.98 | -- | 12.31 | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 19.66 | -- | 18.17 | -- | 16.47 | 12.27 | 16.07 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 8.93 | 21.87 | 9.52 | 16.88 | 8.52 | 18.96 | 10.76 | 18.87 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | -- | -- | -- | -- | 8.86 | -- | 10.55 | -- |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | 21.76 | -- | 21.27 | -- | 16.80 | -- | 22.81 |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | 21.95 | -- | 20.29 | -- | -- | -- | -- |
| | HHMW-19S1 | 12.69 | 22.08 | 8.95 | 21.53 | 6.19 | 20.52 | 9.43 | 21.96 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | 9.07 | 22.59 | -- | 21.39 | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2018 | | 2019 | | 2020 | | 2021 | |
|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Mar-18 | Aug-18 | Mar-19 | Sep-19 | Feb-20 | Sep-20 | Mar-21 | Aug-21 |
| | Oxidation Reduction Potential (mV) | | | | | | | | |
| Upgradient | HHMW-13 | -- | -- | -- | 221 | -- | 243 | -- | 103 |
| | HHMW-14 | -- | 328 | -- | 206 | -- | 297 | 185 | 135 |
| | HHMW-16S1 | 232 | 397 | 241 | 311 | 267 | 201 | -- | 129 |
| | HHMW-16S2 | -- | 365 | -- | 269 | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 345 | -- | 248 | -- | 264 | 208 | 218 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 35 | 114.00 | 58 | 39 | 63 | -13 | 177 | 4 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | -- | -- | -- | -- | -18 | -- | 93 | -- |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | 57 | -- | -150 | -- | -177 | -- | -133 |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | 126 | -- | -122 | -- | -- | -- | -- |
| | HHMW-19S1 | -145 | 20 | -82 | -130 | -43 | -175 | -85 | -108 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | -59 | 72.00 | -- | -118.00 | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2022 | | 2023 | | 2024 | | 2025 | |
|---|---|---|---|---|---|---|---|---|---|
| | Monitoring Well | Feb-22 | Aug-22 | Mar-23 | Aug-23 | Mar-24 | Aug-23 | Mar-24 | Aug-23 |
| | pH (standard units) | | | | | | | | |
| Upgradient | HHMW-13 | -- | 5.71 | -- | 5.61 | -- | 5.73 | -- | 5.41 |
| | HHMW-14 | 4.54 | 5.84 | -- | 5.95 | 5.83 | 5.80 | 5.79 | 5.40 |
| | HHMW-16S1 | -- | 5.57 | -- | 5.19 | 5.86 | 5.28 | -- | 4.91 |
| | HHMW-16S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 5.85 | -- | 5.06 | -- | 5.53 | -- | 5.21 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | 5.37 | 5.41 | -- | 5.74 | 3.55 | 5.93 |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 5.02 | -- | 6.66 | -- | 6.74 | 6.30 | 4.09 | 6.43 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 6.38 | 7.25 | 6.48 | 6.49 | -- | 7.42 | -- | 7.10 |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | 7.17 | -- | -- | -- | 5.98 | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-19S1 | 6.22 | 6.26 | 5.97 | 6.05 | 6.66 | 6.62 | 6.24 | 6.83 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2022 | | 2023 | | 2024 | | 2025 | |
|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Feb-22** | **Aug-22** | **Mar-23** | **Aug-23** | **Mar-24** | **Aug-23** | **Mar-24** | **Aug-23** |
| | **Conductivity (mS/cm)** | | | | | | | | |
| Upgradient | HHMW-13 | -- | 0.272 | -- | 0.321 | -- | 0.331 | -- | 0.114 |
| | HHMW-14 | 0.309 | 0.282 | -- | 0.409 | 0.250 | 0.312 | 0.199 | 0.221 |
| | HHMW-16S1 | -- | 0.273 | -- | 0.526 | 0.185 | 0.548 | -- | 0.393 |
| | HHMW-16S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 0.220 | -- | 0.290 | -- | 0.455 | -- | 0.258 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | 0.143 | 0.341 | 0.224 | 0.194 | 0.159 | 0.323 |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 0.162 | -- | 0.076 | -- | 0.130 | 0.231 | 0.082 | 0.139 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 1.010 | 0.812 | 0.382 | 0.790 | 0.498 | 0.545 | -- | 0.602 |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | 0.073 | -- | -- | -- | 0.16 | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-19S1 | 1.670 | 0.274 | 0.254 | 0.593 | 0.351 | 0.317 | 0.520 | 0.811 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2022 | | 2023 | | 2024 | | 2025 | |
|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Feb-22** | **Aug-22** | **Mar-23** | **Aug-23** | **Mar-24** | **Aug-23** | **Mar-24** | **Aug-23** |
| | **Dissolved Oxygen (mg/L)** | | | | | | | | |
| Upgradient | HHMW-13 | -- | 2.10 | -- | 3.15 | -- | 3.53 | -- | 0.00 |
| | HHMW-14 | 13.26 | 30.56 | -- | 12.01 | 5.16 | 8.53 | 10.14 | 4.95 |
| | HHMW-16S1 | -- | 11.56 | -- | 9.21 | 5.53 | 7.29 | -- | 6.50 |
| | HHMW-16S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 3.41 | -- | 5.13 | -- | 4.01 | 8.28 | 2.52 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | 16.21 | 23.86 | 9.70 | 16.62 | -- | 15.57 |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 8.87 | -- | 10.03 | -- | 4.40 | 6.89 | 7.94 | 3.21 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 32.07 | 26.50 | 12.88 | 13.14 | 19.99 | 11.54 | -- | 14.07 |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | 4.45 | -- | -- | -- | 8.11 | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-19S1 | 0.00 | 0.02 | 0.86 | 0.87 | 0.00 | 6.56 | 9.87 | 2.60 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2022 | | 2023 | | 2024 | | 2025 | |
|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Feb-22** | **Aug-22** | **Mar-23** | **Aug-23** | **Mar-24** | **Aug-23** | **Mar-24** | **Aug-23** |
| | **Temperature (degrees Celsius)** | | | | | | | | |
| Upgradient | HHMW-13 | -- | 13.08 | -- | 17.55 | -- | 16.69 | -- | 13.67 |
| | HHMW-14 | 11.25 | 12.60 | -- | 16.65 | 11.45 | 16.94 | 12.01 | 15.71 |
| | HHMW-16S1 | -- | 20.55 | -- | 17.10 | 11.09 | 18.53 | -- | 18.14 |
| | HHMW-16S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 16.83 | -- | 17.72 | -- | 14.19 | -- | 15.10 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | 11.87 | 15.75 | 11.05 | 16.22 | 11.57 | 17.78 |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 13.94 | -- | 12.08 | -- | 9.32 | 17.98 | 10.89 | 23.34 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 7.84 | 22.55 | 9.31 | 19.61 | 7.62 | 20.85 | -- | 22.37 |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | 20.68 | -- | -- | -- | 24.19 | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-19S1 | 7.35 | 21.78 | 11.05 | 21.42 | 10.32 | 21.68 | 8.41 | 22.87 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-2. Summary of Groundwater Parameter Data**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| | | 2022 | | 2023 | | 2024 | | 2025 | |
|---|---|---|---|---|---|---|---|---|---|
| | **Monitoring Well** | **Feb-22** | **Aug-22** | **Mar-23** | **Aug-23** | **Mar-24** | **Aug-23** | **Mar-24** | **Aug-23** |
| | **Oxidation Reduction Potential (mV)** | | | | | | | | |
| Upgradient | HHMW-13 | -- | 218 | -- | 75 | -- | 118 | -- | 114 |
| | HHMW-14 | 386 | 243 | -- | 189 | 182 | 145 | 165 | 127 |
| | HHMW-16S1 | -- | 232 | -- | 107 | 225 | 177 | -- | 165 |
| | HHMW-16S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-17S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-18S1 | -- | 315 | -- | 251 | -- | 149 | -- | 18 |
| | HHMW-18S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Oxygen Injection Area | HHMW-04I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S1-R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-05S2-R | -- | -- | 178 | 158 | 151 | 256 | 334 | 191 |
| | HHMW-09D | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-09S1 | 0 | -- | 33 | -- | 120 | 34 | 166 | -30 |
| | HHMW-09S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-15S | -- | -- | -- | -- | -- | -- | -- | -- |
| | MW-03 | 138 | -1 | -45 | -40 | 49 | -85 | -- | 27 |
| | MW-04 | -- | -- | -- | -- | -- | -- | -- | -- |
| S* | HHMW-22S1 | -- | 39 | -- | -- | -- | 132 | -- | -- |
| | HHMW-22S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| Downgradient | HHMW-06I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-06S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-07S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-08S | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11I | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-11S/11SR | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-19S1 | -11 | -35 | -57 | -146 | -44 | -68 | -46 | -204 |
| | HHMW-19S2 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-20S2/20S2R | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S1 | -- | -- | -- | -- | -- | -- | -- | -- |
| | HHMW-21S2 | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 3-3. Water Level Measurements and Calculated Water Elevations**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report**

| Well and Piezometer I.D. | Top of Casing Elevation (ft) | Tide | 8/13/2025 | | Notes |
|---|---|---|---|---|---|
| | | | Depth to Water (ft) | Groundwater Elevation (ft) | |
| **Upland Groundwater Monitoring Wells** | | | | | |
| HHMW-13 | 55.75 | High | 44.97 | 10.78 | |
| | | Low | 45.17 | 10.58 | |
| HHMW-14 | 76.12 | High | 65.25 | 10.87 | |
| | | Low | 65.30 | 10.82 | |
| HHMW-16S1 | 38.01 | High | 27.90 | 10.11 | |
| | | Low | 30.30 | 7.71 | |
| **Lowland Groundwater Monitoring Wells** | | | | | |
| HHMW-05S2R | 17.44 | High | 7.33 | 10.11 | |
| | | Low | 7.61 | 9.83 | |
| HHMW-09S1 | 19.26 | High | 9.54 | 9.72 | |
| | | Low | 9.60 | 9.66 | |
| HHMW-09S2 | 19.33 | High | 9.52 | 9.81 | |
| | | Low | 9.88 | 9.45 | |
| HHMW-15S | 19.56 | High | NM | NC | |
| | | Low | NM | NC | |
| HHMW-18S1 | 20.66 | High | 10.30 | 10.36 | |
| | | Low | 10.64 | 10.02 | |
| HHMW-18S2 | 21.01 | High | NM | NC | |
| | | Low | NM | NC | |
| MW-03 | 14.66 | High | 5.16 | 9.50 | |
| | | Low | 5.30 | 9.36 | |
| **Downgradient Groundwater Monitoring Wells** | | | | | |
| HHMW-19S1 | 11.87 | High | 3.97 | 7.90 | |
| | | Low | 4.12 | 7.75 | |
| HHMW-19S2 | 11.52 | High | 2.34 | 9.18 | |
| | | Low | 4.24 | 7.28 | |
| HHMW-20S1 | 10.27 | High | 4.17 | 6.10 | |
| | | Low | 4.67 | 5.60 | |
| HHMW-20S2R | NM | High | NM | NC | Abandoned - Re-installed on 9/27/16. Not re-surveyed. |
| | | Low | NM | NC | |
| **Side-gradient Groundwater Monitoring Wells** | | | | | |
| HHMW-22S1 | 16.00 | High | 6.56 | 9.44 | |
| | | Low | 6.45 | 9.55 | |
| HHMW-22S2 | 16.40 | High | 6.44 | 9.96 | |
| | | Low | 6.70 | 9.70 | |

**Notes:**
MGP = Manufactured Gas Plant
ft = feet
NC = Not Calculated
NM = Not Measured

**Table 3-4. Groundwater Analytical Results**
**Halesite Former MGP**
**Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report**

| | | | | Site Area | Upland Area | | | | | Oxygen Injection System Area | | | | | | Downgradient | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Sample Name | HHMW-13 | HHMW-14 | HHMW-14 | HHMW-16S1 | HHMW-18S1 | HHMW-05S2R | HHMW-05S2R | HHMW-09S1 | HHMW-09S1 | MW-03 | MW-03 | HHMW-19S1 | HHMW-19S1 |
| | | | | Start Depth | 39 | 64 | 64 | 15 | 7 | 18 | 18 | 6 | 6 | 2 | 2 | 2 | 2 |
| | | | | End Depth | 49 | 74 | 74 | 20 | 12 | 28 | 28 | 11 | 11 | 12 | 12 | 7 | 7 |
| | | | | Depth Unit | ft | ft | ft | ft | ft | ft | ft | ft | ft | ft | ft | ft | ft |
| | | | | Sample Date | 8/12/2025 | 3/4/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 3/4/2025 | 8/12/2025 | 3/4/2025 | 8/12/2025 | 3/4/2025 | 8/12/2025 | 3/4/2025 | 8/12/2025 |
| | | | | Parent Sample | | | | | | | | | | | | | |
| **Analyte** | **Units** | **CAS No.** | **NYS AWQS** | | | | | | | | | | | | | | |
| **BTEX** | µg/L | | | | | | | | | | | | | | | | |
| Benzene | | 71-43-2 | 1 | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | 0.45 U | **0.74** | **0.47** |
| Toluene | | 108-88-3 | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **2 J** | **0.76 J** | 1 U | 1 U | **0.88 J** | **12** | **5.7** |
| Ethylbenzene | | 100-41-4 | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **0.89 J** | 1 U | 1 U | **0.73 J** | **5.7** | **2.1** | **1.7** |
| Total Xylene | | 1330-20-7 | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | **14 J** | **6.9** | **0.73 J** | **5.7** | **2.1** | **1.7** | **0.74** |
| Total BTEX (ND=0) | | TBTEX_ND0 | NE | ND | ND | ND | ND | ND | ND | ND | **16.89** | **7.66** | **0.73** | **6.58** | **14.84** | **7.87** | **0.47** |
| **PAH17** | µg/L | | | | | | | | | | | | | | | | |
| Acenaphthene | | 83-32-9 | 20* | 10 U | 10 U | 10 U | 10 U | **1.6 J** | 10 U | 10 U | 10 U | 10 U | **26** | **6.5 J** | **21** | **21** | **21** |
| Acenaphthylene | | 208-96-8 | NE | 10 U | 10 U | 10 U | 10 U | **14** | 10 U | 10 U | **1.1 J** | **2.3 J** | **9.4 J** | 10 U | 10 U | 10 U | **10** |
| Anthracene | | 120-12-7 | 50* | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | **3.8 J** | 10 U | 10 U | 10 U | **10** |
| Benzo[a]anthracene | | 56-55-3 | 0.002* | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **0.91 J** | **15** | 1 U | 1 U | 1 U | **1** |
| Benzo[a]pyrene | | 50-32-8 | ND | 1 U | **0.87 J** | 1 U | 1 U | 1 U | 1 U | 1 U | **1.7** | **4.4** | **24** | 1 U | 1 U | 1 U | **1** |
| Benzo[b]fluoranthene | | 205-99-2 | 0.002* | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | **0.99 J** | **2.5** | **17** | 2 U | 2 U | 2 U | **2** |
| Benzo[g,h,i]perylene | | 191-24-2 | NE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | **1.4 J** | **6.7 J** | **16** | 10 U | 10 U | 10 U | **10** |
| Benzo[k]fluoranthene | | 207-08-9 | 0.002* | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **0.76 J** | **6.3** | 1 U | 1 U | 1 U | **1** |
| Chrysene | | 218-01-9 | 0.002* | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | **1.1 J** | **14** | 2 U | 2 U | 2 U | **2** |
| Dibenz(a,h)anthracene | | 53-70-3 | NE | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **2.3** | 1 U | 1 U | 1 U | **1** |
| Fluoranthene | | 206-44-0 | 50* | **1.2 J** | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | **0.92 J** | **23** | **1.5 J** | 10 U | 10 U | **10** |
| Fluorene | | 86-73-7 | 50* | 10 U | 10 U | 10 U | 10 U | **6.8 J** | 10 U | 10 U | 10 U | 10 U | **1.6 J** | **1.2 J** | **4.1 J** | **4.1 J** | **4.1** |
| Indeno[1,2,3-cd]pyrene | | 193-39-5 | 0.002* | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | **1.0 J** | **4.6** | **12** | 2 U | 2 U | 2 U | **2** |
| 2-Methylnaphthalene | | 91-57-6 | NE | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | **10** |
| Naphthalene | | 91-20-3 | 10* | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | **3.3** | **2.5** | **1.0 J** | **2** |
| Phenanthrene | | 85-01-8 | 50* | 10 U | 10 U | 10 U | 10 U | **4.1 J** | 10 U | 10 U | 10 U | 10 U | **4.6 J** | **1.9 J** | 10 U | 10 U | **10** |
| Pyrene | | 129-00-0 | 50* | **2.0 J** | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | **32** | **2.1 J** | 10 U | 10 U | **10** |
| Total PAH (17) (ND=0) | | TPAH17_ND0 | NE | **3.2** | **0.87** | ND | ND | **26.5** | ND | ND | **6.19** | **24.19** | **207.0** | **16.5** | **27.6** | **26.1** | **20** |

**Table 3-4. Groundwater Analytical Results**
**Halesite Former MGP**
**Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report**

**Notes:**

**Analytes in blue are not detected in any sample**
µg/L= micrograms per liter or parts per billion (ppb)

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
PAH = Polycyclic Aromatic Hydrocarbon

Total BTEX and Total PAHs are calculated using detects only.
Total PAH16 is calculated using the EPA16 list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene, and Pyrene

Total PAH17 is calculated using the EPA16 list of analytes plus 2-Methylnaphthalene

NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater
* indicates the value is a guidance value and not a standard

CAS No. = Chemical Abstracts Service Number
MGP = Manufactured Gas Plant
ND = Not Detected
NE = Not Established

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the NYS AWQS

**Data Qualifiers:**
J = The result is an estimated value.
U = The result was not detected above the reporting limit.

**Table 3-5. Summary of Historical Total BTEX Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | BTEX Concentrations (µg/L) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | |
| | | 1995 | 2001 | 2003 | 2005 | | 2006 | | 2007 | | 2008 | | | 2009 | | | | |
| | | Nov | Jul | Jul | Apr | Oct | Apr | Oct | Apr | Oct | Apr | Jul | Oct | Jan | Apr/May | May | June | Jul |
| | | Pre-operational Period | | | | | | | | | | | | | | Operational Period | | |
| **Upland Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-12 | 45.0 - 55.0 | * | * | 6 | 35 | 0 | 12 | 35 | 10 | 16 | 31 | 15 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-13 | 39.0 - 49.0 | * | * | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | NS | NS | 0 |
| HHMW-14 | 64.0 - 74.0 | * | * | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | 0 |
| HHMW-16S1 | 25.0 - 30.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 23 | 0 | 0 |
| HHMW-16S2 | 35.0 - 45.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 0 |
| HHMW-17S1 | 20.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 0 |
| HHMW-17S2 | 30.0 - 40.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 0 |
| HHMW-18S1 | 9.0 - 14.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 0 |
| HHMW-18S2 | 19.0 - 29.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 0 |
| **Oxygen Injection System Area GW Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-01I | 35.0 - 45.0 | ** | 0 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-04I | 30.0 - 40.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | NS |
| HHMW-05S1-R | 6.0 - 11.0 | ** | 178 | 114 | 0 | 0 | 501 | 637 | 0 | 980 | 80 | 1980 | 735 | 129 | 120 | 17 | 0 | 0 |
| HHMW-05S2-R | 18.0 - 28.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | 0 | 0 | 0 |
| HHMW-05I | 30.0 - 40.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-05D | 80.0 - 90.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-09S1 | 6.0 - 11.0 | ** | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 0 | 49 | 1 | 0 | 0 | NS | NS | 0 |
| HHMW-09S2 | 17.5 - 27.5 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 6 | 0 | NS | NS | 106 |
| HHMW-09I | 43.0 - 53.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | NS |
| HHMW-09D | 85.0 - 95.0 | ** | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | NS |
| HHMW-10 | 15.0 - 20.0 | ** | 0 | 143 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHRW-01 | 13.0 - 23.0 | *** | *** | *** | *** | *** | 0 | 0 | 0 | NS | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-15S | 7.5 - 12.5 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 237 | NS | NS | 68 |
| MW-01 | 5.0 - 25.0 | 6 | 0 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| MW-02 | 6.0 - 26.0 | 29 | 0 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| MW-03 | 2.0 - 12.0 | 4119 | 127 | 44 | 144 | 318 | 136 | 720 | 167 | 179 | 611 | 145 | 104 | 356 | 110 | NS | NS | 20 |
| MW-04 | 1.0 - 21.0 | -- | 0 | -- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | NS | NS | 0 |
| P-01 | 12.1 - 15.4 | 0 | 20 | -- | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| P-02 | 12.3 - 16.4 | 0 | 1 | 4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |

**Table 3-5. Summary of Historical Total BTEX Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | BTEX Concentrations (µg/L) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | |
| | | 1995 | 2001 | 2003 | 2005 | | 2006 | | 2007 | | 2008 | | | 2009 | | | | |
| | | Nov | Jul | Jul | Apr | Oct | Apr | Oct | Apr | Oct | Apr | Jul | Oct | Jan | Apr/May | May | June | Jul |
| | | Pre-operational Period | | | | | | | | | | | | | | Operational Period | | |
| **Downgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-06S1 | 2.5 - 7.5 | ** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | NS |
| HHMW-06S2 | 12.0 - 22.0 | ** | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | NS |
| HHMW-06I | 35.0 - 45.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | NS |
| HHMW-07S1 | 3.0 - 8.0 | ** | 220 | 138 | 52 | 0 | 43 | 119 | NS | 98 | 148 | 113 | 108 | 66 | 62 | NS | NS | 103 |
| HHMW-07S2 | 16.0 - 26.0 | ** | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | NS | NS | 0 |
| HHMW-07I | 45.0 - 55.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | NS |
| HHMW-07D | 115.0 - 125.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-08S | 2.0 -12.0 | ** | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | NS |
| HHMW-08I | 35.0 - 45.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-11S/11SR | 3.0 - 13.0 | * | * | 65 | 23 | 21 | 32 | 31 | 21 | 13 | 22 | 0 | 17 | 10 | 20 | NS | NS | NS |
| HHMW-11I | 31.0 - 41.0 | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | NS | NS | NS |
| HHMW-19S1 | 3.0 - 8.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 113 | 183 | 195 | 115 |
| HHMW-19S2 | 15.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 46 | 21 | 24 | 16 |
| HHMW-20S1 | 4.0 - 9.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 21 | 26 | 17 | NS |
| HHMW-20S2/20S2R | 15.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 11 | 2 | 0 | NS |
| HHMW-21S1 | 3.0 - 8.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | NS |
| HHMW-21S2 | 15.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | NS[2] | NS[2] | NS[2] |
| **Sidegradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-22S1 | 4.0 - 9.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | NS[2] | NS[2] | NS[2] | NS[2] |
| HHMW-22S2 | 15.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | NS | NS | 0 |

**General Notes:**

µg/L = Micrograms per liter

PAH = Polycyclic Aromatic Hydrocarbons

MGP = Manufactured Gas Plant

Monitoring wells HHMW-16S1, HHMW-16S2, HHMW-17S1, and HHMW-17S2 sampled on March 2, 2010 were included in the February monthly results.

(1): Monitoring well abandoned

(2): Monitoring well not sampled due to the presence of DNAPL

* = Well constructed in 2003

** = Well constructed in 2001

*** = Well constructed in October 2005

**** = Well constructed in 2009

NS = Not sampled

DNAPL = Dense Non-Aqueous Phase Liquid

**Table 3-5. Summary of Historical Total BTEX Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | BTEX Concentrations (µg/L) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | | |
| | | 2009 | | | | | 2010 | | | | | | | 2011 | | | | 2012 | |
| | | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | April | May | July | Oct/Nov | Jan/Feb | Apr | July | Oct/Nov | Jan | Apr |
| | | Operational Period | | | | | | | | | | | | | | | | | |
| **Upland Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-12 | 45.0 - 55.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-13 | 39.0 - 49.0 | NS | NS | NS | 0 | NS | NS | 0 | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 |
| HHMW-14 | 64.0 - 74.0 | NS | NS | NS | 0 | NS | NS | 0 | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 2 |
| HHMW-16S1 | 25.0 - 30.0 | 22 | 15 | 30 | 29 | 31 | 38 | 14 | 1 | 0 | 0 | 7 | 32 | 16 | 7 | 3 | 2 | 20 | 40 |
| HHMW-16S2 | 35.0 - 45.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 1 |
| HHMW-17S1 | 20.0 - 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| HHMW-17S2 | 30.0 - 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| HHMW-18S1 | 9.0 - 14.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-18S2 | 19.0 - 29.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Oxygen Injection System Area GW Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-01I | 35.0 - 45.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-04I | 30.0 - 40.0 | NS | NS | NS | NS | NS | NS | 0 | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-05S1-R | 6.0 - 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0 |
| HHMW-05S2-R | 18.0 - 28.0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-05I | 30.0 - 40.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-05D | 80.0 - 90.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-09S1 | 6.0 - 11.0 | NS | NS | NS | 0 | NS | 1 | NS | NS | 0 | NS | 6 | 0 | 6 | 6 | 0 | 0 | 3 | 14 |
| HHMW-09S2 | 17.5 - 27.5 | NS | NS | NS | 1 | NS | 11 | NS | NS | 0 | NS | 0 | 0 | 0 | NS | NS | 0 | 0 | 0 |
| HHMW-09I | 43.0 - 53.0 | NS | NS | NS | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS |
| HHMW-09D | 85.0 - 95.0 | NS | NS | NS | NS | NS | 0 | NS | NS | 0 | NS | 0 | NS | NS | NS | NS | NS | 0 | NS |
| HHMW-10 | 15.0 - 20.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHRW-01 | 13.0 - 23.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-15S | 7.5 - 12.5 | NS | NS | NS | NS | NS | NS | NS | NS | 0 | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] |
| MW-01 | 5.0 - 25.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| MW-02 | 6.0 - 26.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| MW-03 | 2.0 - 12.0 | NS | NS | 21 | NS | NS | 17 | NS | NS | 8 | NS | 31 | 58 | 113 | 43 | NS | 8 | 10 | 19 |
| MW-04 | 1.0 - 21.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P-01 | 12.1 - 15.4 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| P-02 | 12.3 - 16.4 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |

**Table 3-5. Summary of Historical Total BTEX Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | BTEX Concentrations (µg/L) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | | |
| | | 2009 | | | | | 2010 | | | | | | | 2011 | | | | 2012 | |
| | | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | April | May | July | Oct/Nov | Jan/Feb | Apr | July | Oct/Nov | Jan | Apr |
| | | Operational Period | | | | | | | | | | | | | | | | | |
| **Downgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-06S1 | 2.5 - 7.5 | NS | NS | 0 | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS |
| HHMW-06S2 | 12.0 - 22.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS |
| HHMW-06I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-07S1 | 3.0 - 8.0 | NS | NS | 14 | NS | NS | 31 | NS | NS | 0 | NS | 2 | 3 | 0 | 3 | 4 | 0 | 0 | 5 |
| HHMW-07S2 | 16.0 - 26.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-07I | 45.0 - 55.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-07D | 115.0 - 125.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-08S | 2.0 -12.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-08I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-11S/11SR | 3.0 - 13.0 | NS | NS | NS | NS | NS | 2 | NS | NS | 3 | NS | 0 | 1 | 2 | 2 | 0 | NS | 0 | 0 |
| HHMW-11I | 31.0 - 41.0 | NS | NS | NS | NS | NS | 0 | 0 | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-19S1 | 3.0 - 8.0 | 149 | 213 | 158 | 92 | 96 | 50 | 75 | 75 | 180 | 208 | 134 | 144 | 123 | 140 | 137 | 125 | 103 | 139 |
| HHMW-19S2 | 15.0 - 25.0 | 10 | 7 | 5 | 7 | 10 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-20S1 | 4.0 - 9.0 | NS | NS | NS | NS | NS | 0 | 13 | 10 | 12 | 2 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 |
| HHMW-20S2/20S2R | 15.0 - 25.0 | NS | NS | NS | NS | NS | 14 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-21S1 | 3.0 - 8.0 | NS | NS | NS | NS | NS | 0 | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-21S2 | 15.0 - 25.0 | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | 0 | 0 | NS | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Sidegradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-22S1 | 4.0 - 9.0 | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS[(2)] | NS | NS | NS | NS | NS | NS |
| HHMW-22S2 | 15.0 - 25.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | NS | 0 | 0 | 0 | NS | 0 | 0 | 0 | 0 | 0 |

**Table 3-5. Summary of Historical Total BTEX Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | BTEX Concentrations (µg/L) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | | |
| | | 2012 | | 2013 | | | | 2014 | | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 |
| | | July | Oct/Nov | Jan | Apr | July | Oct/Nov | Jan | Apr | Sept | Mar | Aug/Sept | Mar | Aug/Sept /Oct | Mar | Sept | Mar | Aug | Mar |
| | | Operational Period | | | | | | | | | | | | | | | | | |
| **Upland Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-12 | 45.0 - 55.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-13 | 39.0 - 49.0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 2 | 2 | 2 | NS[1] | 0 | NS[1] | 0 | NS[1] |
| HHMW-14 | 64.0 - 74.0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 83 | 2 | 1 | 3 | NS[1] | 0.27 | NS[1] | 0 | NS[1] |
| HHMW-16S1 | 25.0 - 30.0 | 17 | 15 | 2 | 0 | 0 | 0 | 5 | 26 | 13 | 35 | 3 | 4 | 4 | NS[1] | 0 | 10 | 0 | 4.7 |
| HHMW-16S2 | 35.0 - 45.0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 3 | NS | 1 | 0 | 0 | NS | 0 | NS |
| HHMW-17S1 | 20.0 - 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-17S2 | 30.0 - 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-18S1 | 9.0 - 14.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS[1] | 0 | NS[1] |
| HHMW-18S2 | 19.0 - 29.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| **Oxygen Injection System Area GW Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-01I | 35.0 - 45.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-04I | 30.0 - 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-05S1-R | 6.0 - 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-05S2-R | 18.0 - 28.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-05I | 30.0 - 40.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-05D | 80.0 - 90.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-09S1 | 6.0 - 11.0 | 0 | 0 | 3 | 0 | 0 | 1 | 4 | 15 | 4 | 12 | NS | 6 | 0 | 0 | 0.58 | 0 | 0 | 0.44 |
| HHMW-09S2 | 17.5 - 27.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-09I | 43.0 - 53.0 | NS | NS | 0 | NS | NS | NS | 0 | NS | NS | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-09D | 85.0 - 95.0 | NS | NS | 0 | NS | NS | NS | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-10 | 15.0 - 20.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHRW-01 | 13.0 - 23.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-15S | 7.5 - 12.5 | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | 7100 | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] |
| MW-01 | 5.0 - 25.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| MW-02 | 6.0 - 26.0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| MW-03 | 2.0 - 12.0 | 3 | 0 | 2 | 0 | 0 | 15 | 74 | 111 | 112 | 201 | 158 | 301 | 225 | 97.5 | NS[1] | NS[1] | NS[1] | NS[1] |
| MW-04 | 1.0 - 21.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS[1] | 0 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| P-01 | 12.1 - 15.4 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| P-02 | 12.3 - 16.4 | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |

**Table 3-5. Summary of Historical Total BTEX Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | BTEX Concentrations (µg/L) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | | |
| | | 2012 | | 2013 | | | | 2014 | | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 |
| | | July | Oct/Nov | Jan | Apr | July | Oct/Nov | Jan | Apr | Sept | Mar | Aug/Sept | Mar | Aug/Sept /Oct | Mar | Sept | Mar | Aug | Mar |
| | | Operational Period | | | | | | | | | | | | | | | | | |
| **Downgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-06S1 | 2.5 - 7.5 | NS | NS | NS | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] |
| HHMW-06S2 | 12.0 - 22.0 | NS | NS | NS | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] |
| HHMW-06I | 35.0 - 45.0 | NS | NS | NS | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] |
| HHMW-07S1 | 3.0 - 8.0 | 6 | 9 | 19 | 13 | 15 | 7 | 25 | 30 | 11 | 17 | 0 | 76 | 2 | 0 | 0.94 | NS[(1)] | 8.5 | NS[(1)] |
| HHMW-07S2 | 16.0 - 26.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-07I | 45.0 - 55.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-07D | 115.0 - 125.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-08S | 2.0 -12.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-08I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-11S/11SR | 3.0 - 13.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | 0 | 0.21 | NS[(1)] | 0 | NS |
| HHMW-11I | 31.0 - 41.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] |
| HHMW-19S1 | 3.0 - 8.0 | 108 | 190 | 232 | 252 | 225 | 245 | 264 | 238 | 218 | 220 | 237 | 283 | 139 | 111.3 | 84.31 | 51.02 | 46.78 | 30.67 |
| HHMW-19S2 | 15.0 - 25.0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | NS[(1)] | 0 | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] |
| HHMW-20S1 | 4.0 - 9.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS[(1)] | NS[(1)] | 0 | 0 | NS[(1)] |
| HHMW-20S2/20S2R | 15.0 - 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS[(1)] | 0 | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] |
| HHMW-21S1 | 3.0 - 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| HHMW-21S2 | 15.0 - 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |
| **Sidegradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-22S1 | 4.0 - 9.0 | NS | NS | NS | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] | NS[(1)] |
| HHMW-22S2 | 15.0 - 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS | NS |

**Table 3-5. Summary of Historical Total BTEX Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | BTEX Concentrations (µg/L) Sampling Date | | | | | | | | | | | | | Pre-operational Period | | | Operational Period | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2019 | 2020 | | 2021 | | 2022 | | 2023 | | 2024 | | 2025 | | | | | | | |
| | | Sept | Feb | Sept | Mar | Sept | Feb | Aug | Mar | Aug | Mar | Sept | Mar | Aug | Min | Max | Mean | Min | Max | Mean |
| | | Operational Period | | | | | | | | | | | | | | | | | | |
| **Upland Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | | |
| HHMW-12 | 45.0 - 55.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 35 | 16 | NS(1) | NS(1) | NS(1) |
| HHMW-13 | 39.0 - 49.0 | 0 | NS(1) | 0 | NS(1) | 0 | NS | 0 | NS | 0 | NS | 0 | NS | 0 | 0 | 3 | 0 | 0 | 10 | 1 |
| HHMW-14 | 64.0 - 74.0 | 0 | NS(1) | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 83 | 3 |
| HHMW-16S1 | 25.0 - 30.0 | 0 | 7 | 4 | 14 | 6 | 1 | 1 | NS | 6 | NS | 0 | | 0 | 0 | 0 | 0 | 0 | 40 | 11 |
| HHMW-16S2 | 35.0 - 45.0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 3 | 0 |
| HHMW-17S1 | 20.0 - 25.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 1 | 0 |
| HHMW-17S2 | 30.0 - 40.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 1 | 0 |
| HHMW-18S1 | 9.0 - 14.0 | 0 | NS(1) | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | 2 | | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| HHMW-18S2 | 19.0 - 29.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 0 | 0 |
| **Oxygen Injection System Area GW Monitoring Wells** | | | | | | | | | | | | | | | | | | | | |
| HHMW-01I | 35.0 - 45.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-04I | 30.0 - 40.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-05S1-R | 6.0 - 11.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 1,980 | 393 | 0 | 17 | 1 |
| HHMW-05S2-R | 18.0 - 28.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| HHMW-05I | 30.0 - 40.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-05D | 80.0 - 90.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-09S1 | 6.0 - 11.0 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 7 | 8 | 0 | 4 | 17 | 8 | 0 | 233 | 22 | 0 | 16.89 | 3 |
| HHMW-09S2 | 17.5 - 27.5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 6 | 2 | 0 | 106 | 6 |
| HHMW-09I | 43.0 - 53.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-09D | 85.0 - 95.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 1 | 0 | NS | NS | NS |
| HHMW-10 | 15.0 - 20.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 143 | 48 | NS(1) | NS(1) | NS(1) |
| HHRW-01 | 13.0 - 23.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-15S | 7.5 - 12.5 | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | 237 | 237 | 237 | 0 | 7,100 | 2,389 |
| MW-01 | 5.0 - 25.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 6 | 2 | NS(1) | NS(1) | NS(1) |
| MW-02 | 6.0 - 26.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 29 | 10 | NS(1) | NS(1) | NS(1) |
| MW-03 | 2.0 - 12.0 | NS(1) | 26 | NS(1) | 10.89 | NS(1) | 4.3 | 5.9 | 9 | 5 | 0 | 5 | 1 | 7 | 44 | 4,119 | 607 | 0 | 301 | 49 |
| MW-04 | 1.0 - 21.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 3 | 0 | 0 | 0 | 0 |
| P-01 | 12.1 - 15.4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 20 | 10 | NS(1) | NS(1) | NS(1) |
| P-02 | 12.3 - 16.4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 4 | 2 | NS(1) | NS(1) | NS(1) |

**Table 3-5. Summary of Historical Total BTEX Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | BTEX Concentrations (µg/L) Sampling Date | | | | | | | | | | | | | Pre-operational Period | | | Operational Period | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2019 | 2020 | | 2021 | | 2022 | | 2023 | | 2024 | | 2025 | | | | | | | |
| | | Sept | Feb | Sept | Mar | Sept | Feb | Aug | Mar | Aug | Mar | Sept | Mar | Aug | Min | Max | Mean | Min | Max | Mean |
| | | Operational Period | | | | | | | | | | | | | | | | | | |
| **Downgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | | |
| HHMW-06S1 | 2.5 - 7.5 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-06S2 | 12.0 - 22.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-06I | 35.0 - 45.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-07S1 | 3.0 - 8.0 | 0 | NS(1) | 5.05 | NS | 0 | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 220 | 96 | 0 | 103 | 13 |
| HHMW-07S2 | 16.0 - 26.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 2 | 0 | 0 | 0 | 0 |
| HHMW-07I | 45.0 - 55.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-07D | 115.0 - 125.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-08S | 2.0 -12.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 1 | 0 | 0 | 0 | 0 |
| HHMW-08I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-11S/11SR | 3.0 - 13.0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 10 | 65 | 25 | 0 | 3 | 0 |
| HHMW-11I | 31.0 - 41.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 26 | 2 | 0 | 0 | 0 |
| HHMW-19S1 | 3.0 - 8.0 | 6 | 2 | 6 | 8 | 6 | 18 | 18 | 34 | 37 | 23 | 8 | 15 | 8 | 113 | 113 | 113 | 2.4 | 283 | 119 |
| HHMW-19S2 | 15.0 - 25.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 46 | 46 | 46 | 0 | 24 | 3 |
| HHMW-20S1 | 4.0 - 9.0 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 21 | 21 | 21 | 0 | 26 | 3 |
| HHMW-20S2/20S2R | 15.0 - 25.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 11 | 11 | 11 | 0 | 14 | 1 |
| HHMW-21S1 | 3.0 - 8.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-21S2 | 15.0 - 25.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | NS(2) | NS(2) | NS(2) | 0 | 0 | 0 |
| **Sidegradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | | |
| HHMW-22S1 | 4.0 - 9.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS | 546 | NS | 1122 | 1602 | 413 | NS | NS | NS(2) | NS(2) | NS(2) | 413 | 1602 | 920.75 |
| HHMW-22S2 | 15.0 - 25.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | NS | NS | 0 | 0 | 0 | 0 | 0 | 0 |

**Table 3-6. Summary of Historical Total PAH Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | Total PAH Concentrations (µg/L) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | |
| | | 1995 | 2001 | 2003 | 2005 | | 2006 | | 2007 | | 2008 | | | 2009 | | 2009 | | |
| | | Nov | Jul | Jul | Apr | Oct | Apr | Oct | Apr | Oct | Apr | Jul | Oct | Jan | Apr/May | May | June | Jul |
| | | Pre-operational Period | | | | | | | | | | | | | | Operational Period | | |
| **Upgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-12 | 45.0 - 55.0 | * | * | 1 | 65 | 0 | 0 | 181 | 122 | 0 | 206 | 0 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-13 | 39.0 - 49.0 | * | * | 26 | 76 | 0 | 0 | 220 | 0 | 3 | 196 | 0 | 0 | 74 | 26 | NS | NS | 29 |
| HHMW-14 | 64.0 - 74.0 | * | * | 36 | 0 | 0 | 190 | 455 | 0 | 18 | 826 | 43 | 0 | 8 | 3 | NS | NS | 5 |
| HHMW-16S1 | 25.0 - 30.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 98 | 34 | 323 | 600 |
| HHMW-16S2 | 35.0 - 45.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 0 |
| HHMW-17S1 | 20.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 0 |
| HHMW-17S2 | 30.0 - 40.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 0 |
| HHMW-18S1 | 9.0 - 14.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 48 | 653 | 924 | 614 |
| HHMW-18S2 | 19.0 - 29.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | 15 |
| **O2 Injection System Area GW Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-01I | 35.0 - 45.0 | ** | 13 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-04I | 30.0 - 40.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | NS |
| HHMW-05S1-R | 6.0 - 11.0 | ** | 510 | 0 | 0 | 0 | 0 | 1,155 | 0 | 9 | 0 | 2,429 | 344 | 426 | 2 | 5 | 0 | 0 |
| HHMW-05S2-R | 18.0 - 28.0 | ** | 135 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | 1 | 0 | 0 |
| HHMW-05I | 30.0 - 40.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-05D | 80.0 - 90.0 | ** | 29 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-09S1 | 6.0 - 11.0 | ** | 552 | 0 | 28 | 0 | 0 | 77 | 0 | 31 | 2 | 130 | 34 | 25 | 6 | NS | NS | 31 |
| HHMW-09S2 | 17.5 - 27.5 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 2 | 9 | NS | NS | 13 |
| HHMW-09I | 43.0 - 53.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | NS |
| HHMW-09D | 85.0 - 95.0 | ** | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | NS | NS |
| HHMW-10 | 15.0 - 20.0 | ** | 790 | 76,890 | 12 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHRW-01 | 13.0 - 23.0 | *** | *** | *** | *** | *** | 0 | 0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-15S | 7.5 - 12.5 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3,668 | NS | NS | 26 |
| MW-01 | 5.0 - 25.0 | 0 | 13 | 7 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| MW-02 | 6.0 - 26.0 | 74 | 0 | 7 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| MW-03 | 2.0 - 12.0 | 2,904 | 1,721 | 34 | 374 | 188 | 133 | 115 | 66 | 12 | 91 | 4 | 0 | 404 | 0 | NS | NS | 0 |
| MW-04 | 1.0 - 21.0 | -- | 173 | -- | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | 0 |
| P-01 | 12.1 - 15.4 | 0 | 0 | -- | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| P-02 | 12.3 - 16.4 | 33 | 1 | 17 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |

**Table 3-6. Summary of Historical Total PAH Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | Total PAH Concentrations (µg/L) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | |
| | | 1995 | 2001 | 2003 | 2005 | | 2006 | | 2007 | | 2008 | | | 2009 | | 2009 | | |
| | | Nov | Jul | Jul | Apr | Oct | Apr | Oct | Apr | Oct | Apr | Jul | Oct | Jan | Apr/May | May | June | Jul |
| | | Pre-operational Period | | | | | | | | | | | | | | Operational Period | | |
| **Downgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-06S1 | 2.5 - 7.5 | ** | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | NS |
| HHMW-06S2 | 12.0 - 22.0 | ** | 374 | 0 | 77 | 11 | 0 | 0 | NS | 0 | 0 | 39 | 0 | 31 | 0 | NS | NS | NS |
| HHMW-06I | 35.0 - 45.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | NS |
| HHMW-07S1 | 3.0 - 8.0 | ** | 1,688 | 505 | 360 | 0 | 140 | 981 | 0 | 3 | 1,046 | 479 | 32 | 364 | 9 | NS | NS | 0 |
| HHMW-07S2 | 16.0 - 26.0 | ** | 0 | 0 | 11 | 111 | 13 | 47 | 0 | 0 | 7 | 16 | 0 | 26 | 0 | NS | NS | 0 |
| HHMW-07I | 45.0 - 55.0 | ** | 1 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | NS |
| HHMW-07D | 115.0 - 125.0 | ** | 0 | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-08S | 2.0 -12.0 | ** | 181 | 14 | 0 | 28 | 116 | 58 | 72 | 58 | 0 | 0 | 34 | 78 | 0 | NS | NS | NS |
| HHMW-08I | 35.0 - 45.0 | ** | 0 | 10 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-11S/11SR | 3.0 - 13.0 | * | * | 63 | 79 | 130 | 88 | 80 | 98 | 49 | 79 | 0 | 97 | 82 | 0 | NS | NS | NS |
| HHMW-11I | 31.0 - 41.0 | * | * | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | NS | NS |
| HHMW-19S1 | 3.0 - 8.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 5 | 1355 | 1495 | 0 |
| HHMW-19S2 | 15.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 310 | 27 | 0 |
| HHMW-20S1 | 4.0 - 9.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 49 | 112 | 136 | NS |
| HHMW-20S2/20S2R | 15.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2 | 2 | 1 | NS |
| HHMW-21S1 | 3.0 - 8.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | NS |
| HHMW-21S2 | 15.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | 0 | 0 | NS |
| **Sidegradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-22S1 | 4.0 - 9.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | NS[2] | NS[2] | NS[2] | NS[2] |
| HHMW-22S2 | 15.0 - 25.0 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0 | NS | NS | 0 |

**Table 3-6. Summary of Historical Total PAH Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | Total PAH Concentrations (µg/L) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | | |
| | | 2009 | | | | | 2010 | | | | | | | 2011 | | | | 2012 | |
| | | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | July | Oct/Nov | Jan/Feb | Apr | July | Oct/Nov | Jan | Apr |
| | | Operational Period | | | | | | | | | | | | | | | | | |
| **Upgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-12 | 45.0 - 55.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-13 | 39.0 - 49.0 | NS | NS | NS | 3 | NS | NS | 4 | NS | 0 | NS | 328 | 31 | 19 | 25 | 36 | 27 | 15 | 1 |
| HHMW-14 | 64.0 - 74.0 | NS | NS | NS | 0 | NS | NS | 0 | NS | 0 | NS | 27 | 0 | 0 | 7 | 7 | 0 | 7 | 15 |
| HHMW-16S1 | 25.0 - 30.0 | 33 | 109 | 40 | 96 | 143 | 58 | 27 | 29 | 5 | 0 | 42 | 179 | 108 | 53 | 14 | 4 | 1 | 12 |
| HHMW-16S2 | 35.0 - 45.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-17S1 | 20.0 - 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| HHMW-17S2 | 30.0 - 40.0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| HHMW-18S1 | 9.0 - 14.0 | 0 | 250 | 310 | 711 | 651 | 71 | 0 | 0 | 0 | 0 | 257 | 0 | 475 | 0 | 463 | 642 | 552 | 427 |
| HHMW-18S2 | 19.0 - 29.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 18 | 0 | 0 | 0 |
| **O2 Injection System Area GW Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-01I | 35.0 - 45.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-04I | 30.0 - 40.0 | NS | NS | NS | NS | NS | NS | 0 | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| HHMW-05S1-R | 6.0 - 11.0 | 0 | 0 | 0 | 0 | 4 | 7 | 0 | 5 | 10 | 0 | 0 | 0 | 1 | 34 | 3 | 1 | 0 | 0 |
| HHMW-05S2-R | 18.0 - 28.0 | 4 | 0 | 0 | 0 | 14 | 54 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-05I | 30.0 - 40.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-05D | 80.0 - 90.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-09S1 | 6.0 - 11.0 | NS | NS | NS | 0 | NS | 15 | NS | NS | 1 | NS | 174 | 0 | 2 | 2 | 37 | 4 | 159 | 45 |
| HHMW-09S2 | 17.5 - 27.5 | NS | NS | NS | 7 | NS | 0 | NS | NS | 0 | NS | 2 | 0 | 0 | NS | NS | 0 | 1 | 1 |
| HHMW-09I | 43.0 - 53.0 | NS | NS | NS | NS | NS | 0 | NS | NS | 30 | NS | 0 | 0 | 0 | 0 | 2 | 0 | 2 | NS |
| HHMW-09D | 85.0 - 95.0 | NS | NS | NS | NS | NS | 0 | NS | NS | 0 | NS | 0 | NS | NS | NS | NS | NS | 0 | NS |
| HHMW-10 | 15.0 - 20.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHRW-01 | 13.0 - 23.0 | NS(1) | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-15S | 7.5 - 12.5 | NS | NS | NS | NS | NS | NS | NS | NS | 11 | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| MW-01 | 5.0 - 25.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| MW-02 | 6.0 - 26.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| MW-03 | 2.0 - 12.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | 0 | NS | 89 | 666 | 536 | 0 | NS | 0 | 4 | 5 |
| MW-04 | 1.0 - 21.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| P-01 | 12.1 - 15.4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| P-02 | 12.3 - 16.4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |

**Table 3-6. Summary of Historical Total PAH Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | Total PAH Concentrations (µg/L) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | | |
| | | 2009 | | | | | 2010 | | | | | | | 2011 | | | | 2012 | |
| | | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | July | Oct/Nov | Jan/Feb | Apr | July | Oct/Nov | Jan | Apr |
| | | Operational Period | | | | | | | | | | | | | | | | | |
| **Downgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-06S1 | 2.5 - 7.5 | NS | NS | 0 | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 1 | 0 | NS |
| HHMW-06S2 | 12.0 - 22.0 | NS | NS | 16 | NS | NS | 0 | NS | NS | NS | 5 | 0 | 6 | 0 | 3 | 45 | 23 | 0 | NS |
| HHMW-06I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-07S1 | 3.0 - 8.0 | NS | NS | 14 | NS | NS | 285 | NS | NS | 67 | NS | 96 | 15 | 1 | 0 | 74 | 42 | 15 | 31 |
| HHMW-07S2 | 16.0 - 26.0 | NS | NS | 6 | NS | NS | 59 | NS | NS | 0 | NS | 2 | 31 | 18 | 0 | 9 | 54 | 0 | 70 |
| HHMW-07I | 45.0 - 55.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-07D | 115.0 - 125.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-08S | 2.0 -12.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| HHMW-08I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-11S/11SR | 3.0 - 13.0 | NS | NS | NS | NS | NS | 58 | NS | NS | 36 | NS | 73 | 52 | 4 | 55 | 64 | 35 | 43 | 30 |
| HHMW-11I | 31.0 - 41.0 | NS | NS | NS | NS | NS | 0 | NS | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-19S1 | 3.0 - 8.0 | 4 | 97 | 10 | 210 | 184 | 31 | 0 | 82 | 178 | 619 | 1004 | 949 | 758 | 616 | 1,172 | 828 | 776 | 528 |
| HHMW-19S2 | 15.0 - 25.0 | 3 | 20 | 1 | 24 | 145 | 0 | 0 | 25 | 0 | 0 | 0 | 49 | 37 | 0 | 94 | 90 | 0 | 57 |
| HHMW-20S1 | 4.0 - 9.0 | NS | NS | NS | NS | NS | 0 | 27 | 48 | 28 | 0 | 111 | 65 | 36 | 0 | 154 | 154 | 0 | 79 |
| HHMW-20S2/20S2R | 15.0 - 25.0 | NS | NS | NS | NS | NS | 107 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-21S1 | 3.0 - 8.0 | NS | NS | NS | NS | NS | 0 | NS | 0 | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-21S2 | 15.0 - 25.0 | NS | NS | NS | NS | NS | 0 | 0 | NS | NS | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | 0 |
| **Sidegradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | |
| HHMW-22S1 | 4.0 - 9.0 | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS | NS | NS | NS | NS | NS | NS |
| HHMW-22S2 | 15.0 - 25.0 | NS | NS | 0 | NS | NS | 0 | NS | NS | NS | 0 | 0 | 0 | NS | 1 | 0 | 0 | 0 | 0 |

**Table 3-6. Summary of Historical Total PAH Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | Total PAH Concentrations (µg/L) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | |
| | | 2012 | | 2013 | | | | 2014 | | | 2015 | | 2016 | | 2017 | | 2018 | |
| | | July | Oct/Nov | Jan | Apr | July | Oct/Nov | Jan | Apr | Sept | Mar | Aug/Sept | Mar | Aug/Sept/Oct | Mar | Sept | Mar | Aug |
| | | Operational Period | | | | | | | | | | | | | | | | |
| **Upgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-12 | 45.0 - 55.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-13 | 39.0 - 49.0 | 2 | 75 | 106 | 15 | 39 | 136 | 44 | 29 | 51 | 119 | 41 | 22 | 9 | NS | 19 | NS | 16 |
| HHMW-14 | 64.0 - 74.0 | 32 | 0 | 92 | 13 | 284 | 601 | 81 | 17 | 1 | 56 | 1 | 0 | 0 | NS | 0 | NS | 20 |
| HHMW-16S1 | 25.0 - 30.0 | 12 | 112 | 60 | 0 | 58 | 9 | 8 | 197 | 99 | 187 | 0 | 47 | 0 | NS | 0 | 0 | 0 |
| HHMW-16S2 | 35.0 - 45.0 | 0 | 0 | 0 | 0 | NS | 0 | 0 | 0 | 0 | NS | 0 | NS | 112 | 5 | 0 | NS(1) | 0 |
| HHMW-17S1 | 20.0 - 25.0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS |
| HHMW-17S2 | 30.0 - 40.0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 1 | NS | 27 | NS | NS | NS | NS |
| HHMW-18S1 | 9.0 - 14.0 | 672 | 554 | 0 | 32 | 235 | 670 | 613 | 37 | 121 | 123 | 486 | 93 | 75 | 0 | 24.5 | NS(1) | 33 |
| HHMW-18S2 | 19.0 - 29.0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 9 | NS | 32 | NS | 0 | NS | NS | NS | NS |
| **O2 Injection System Area GW Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-01I | 35.0 - 45.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-04I | 30.0 - 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS |
| HHMW-05S1-R | 6.0 - 11.0 | 0 | 2 | 1 | 5 | 8 | 0 | 0 | 0 | 0 | S | 0 | NS | 0 | NS | NS | NS | NS |
| HHMW-05S2-R | 18.0 - 28.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 2 | 262 | 767 | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-05I | 30.0 - 40.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-05D | 80.0 - 90.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-09S1 | 6.0 - 11.0 | 75 | 20 | 0 | 2 | 138 | 106 | 208 | 276 | 257 | 121 | NS | 54 | 76 | 156 | 102 | 21 | 23 |
| HHMW-09S2 | 17.5 - 27.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | NS | 0 | NS | 4 | NS | NS | NS | NS |
| HHMW-09I | 43.0 - 53.0 | NS | NS | 0 | NS | NS | NS | 1 | NS | NS | NS | 0 | NS | 0 | NS | NS | NS | NS |
| HHMW-09D | 85.0 - 95.0 | NS | NS | 0 | NS | NS | NS | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-10 | 15.0 - 20.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHRW-01 | 13.0 - 23.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| HHMW-15S | 7.5 - 12.5 | NS | NS | NS | NS | NS | NS | NS | 36978 | NS | NS | NS | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) |
| MW-01 | 5.0 - 25.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| MW-02 | 6.0 - 26.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| MW-03 | 2.0 - 12.0 | 10 | 2 | 1 | 39 | 1 | 33 | 311 | 312 | 377 | 669 | 824 | 763 | 4421 | 1005 | NS(1) | NS(1) | NS(1) |
| MW-04 | 1.0 - 21.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS(1) | 10 | NS(1) | NS(1) | NS(1) | NS(1) |
| P-01 | 12.1 - 15.4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |
| P-02 | 12.3 - 16.4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) |

**Table 3-6. Summary of Historical Total PAH Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | Total PAH Concentrations (µg/L) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | |
| | | 2012 | | 2013 | | | | 2014 | | | 2015 | | 2016 | | 2017 | | 2018 | |
| | | July | Oct/Nov | Jan | Apr | July | Oct/Nov | Jan | Apr | Sept | Mar | Aug/Sept | Mar | Aug/Sept/Oct | Mar | Sept | Mar | Aug |
| | | Operational Period | | | | | | | | | | | | | | | | |
| **Downgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-06S1 | 2.5 - 7.5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-06S2 | 12.0 - 22.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-06I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-07S1 | 3.0 - 8.0 | 29 | 27 | 63 | 46 | 82 | 31 | 123 | 100 | 55 | 56 | 23 | 196 | 11 | 0 | 5 | NS | 46 |
| HHMW-07S2 | 16.0 - 26.0 | 77 | 64 | 0 | 38 | 49 | 43 | 50 | 61 | 14 | NS | 7 | NS | 16 | NS | NS | NS | NS |
| HHMW-07I | 45.0 - 55.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-07D | 115.0 - 125.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-08S | 2.0 -12.0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS |
| HHMW-08I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| HHMW-11S/11SR | 3.0 - 13.0 | 31 | 35 | 34 | 33 | 28 | 30 | 36 | 35 | 58 | 51 | 76 | NS | 32.3 | 8 | 17 | NS[1] | 8.5 |
| HHMW-11I | 31.0 - 41.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | NS | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-19S1 | 3.0 - 8.0 | 753 | 774 | 3732 | 921 | 663 | 1072 | 859 | 738 | 829 | 499 | 1198 | 909 | 347 | 321 | 358 | 218 | 241 |
| HHMW-19S2 | 15.0 - 25.0 | 72 | 92 | 62 | 3 | 58 | 98 | 82 | 119 | 53 | 50 | 14 | NS[1] | 49 | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-20S1 | 4.0 - 9.0 | 124 | 87 | 37 | 28 | 69 | 68 | 19 | 13 | 36 | 5 | 31 | 4 | 7 | NS[1] | NS[1] | 4.04 | 8.2 |
| HHMW-20S2/20S2R | 15.0 - 25.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS[1] | 0 | NS[1] | NS[1] | NS[1] | NS[1] |
| HHMW-21S1 | 3.0 - 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS |
| HHMW-21S2 | 15.0 - 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | ND | 0 | NS | NS | NS | NS |
| **Sidegradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | |
| HHMW-22S1 | 4.0 - 9.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] | NS[2] |
| HHMW-22S2 | 15.0 - 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NS | 0 | NS | 0 | NS | NS | NS | NS |

**Table 3-6. Summary of Historical Total PAH Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | Total PAH Concentrations (µg/L) | | | | | | | | | | | | | | Pre-operational Period | | | Operational Period | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | | | | |
| | | 2019 | | 2020 | | 2021 | | 2022 | | 2023 | | 2024 | | 2025 | | | | | | | |
| | | Mar | Sept | Feb | Sept | Mar | Sept | Feb | Aug | Feb | Aug | Feb | Aug | Mar | Aug | Min | Max | Mean | Min | Max | Mean |
| | | Operational Period | | | | | | | | | | | | | | | | | | | |
| **Upgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | | | |
| HHMW-12 | 45.0 - 55.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 206 | 64 | NS(1) | NS(1) | NS(1) |
| HHMW-13 | 39.0 - 49.0 | NS | 46 | NS | 18 | NS | 21 | NS | 43 | NS | 29 | NS | 14 | NS | 3 | 0 | 220 | 56 | 0 | 328 | 42 |
| HHMW-14 | 64.0 - 74.0 | NS | 0 | NS | 244 | 88 | 36 | 307 | 385 | 22 | 21 | 108 | 0 | 1 | 0 | 0 | 826 | 140 | 0 | 601 | 64 |
| HHMW-16S1 | 25.0 - 30.0 | 11 | 6 | 27 | 0 | 5 | 2 | 0 | 2 | NS | 12 | NS | 31 | NS | 0 | 98 | 98 | 98 | 0 | 600 | 58 |
| HHMW-16S2 | 35.0 - 45.0 | NS | 0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 112 | 3 |
| HHMW-17S1 | 20.0 - 25.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 6 | 0 |
| HHMW-17S2 | 30.0 - 40.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 27 | 1 |
| HHMW-18S1 | 9.0 - 14.0 | NS(1) | 5.2 | NS(1) | 53.2 | 26.31 | 16.2 | NS | 0 | NS | 707 | NS | 32 | NS | 26.5 | 48 | 48 | 48 | 0 | 924 | 259 |
| HHMW-18S2 | 19.0 - 29.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 33 | 4 |
| **O2 Injection System Area GW Monitoring Wells** | | | | | | | | | | | | | | | | | | | | | |
| HHMW-01I | 35.0 - 45.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 13 | 7 | NS(1) | NS(1) | NS(1) |
| HHMW-04I | 30.0 - 40.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 1 | 0 |
| HHMW-05S1-R | 6.0 - 11.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 2,429 | 375 | 0 | 34 | 3 |
| HHMW-05S2-R | 18.0 - 28.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 25 | 27.9 | 12 | 0 | 0 | 0 | 135 | 34 | 0 | 767 | 32 |
| HHMW-05I | 30.0 - 40.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-05D | 80.0 - 90.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 29 | 15 | NS(1) | NS(1) | NS(1) |
| HHMW-09S1 | 6.0 - 11.0 | 36 | 1 | 48 | 7 | 14 | 33 | 1 | 24 | 46 | 59 | 27 | 35 | 6 | 24 | 257 | 552 | 63 | 0 | 276 | 59 |
| HHMW-09S2 | 17.5 - 27.5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 9 | 3 | 0 | 13 | 1 |
| HHMW-09I | 43.0 - 53.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | NS | 0 | 0 | 0 | 30 | 3 |
| HHMW-09D | 85.0 - 95.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | NS | 31 | 3 | 0 | 0 | 0 |
| HHMW-10 | 15.0 - 20.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 12 | 76,890 | 25,897 | NS(1) | NS(1) | NS(1) |
| HHRW-01 | 13.0 - 23.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | 0 | 0 | #DIV/0! |
| HHMW-15S | 7.5 - 12.5 | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | 3,668 | 3,668 | 3,668 | 11 | 36,978 | 12,338 |
| MW-01 | 5.0 - 25.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 13 | 7 | NS(1) | NS(1) | NS(1) |
| MW-02 | 6.0 - 26.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 74 | 27 | NS(1) | NS(1) | NS(1) |
| MW-03 | 2.0 - 12.0 | NS(1) | NS(1) | 87 | NS(1) | 21 | NS(1) | 6 | 6 | 26 | 16 | 21 | 0 | 207 | 17 | 0 | 2,904 | 465 | 0 | 4,421 | 299 |
| MW-04 | 1.0 - 21.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 173 | 17 | 0 | 10 | 1 |
| P-01 | 12.1 - 15.4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| P-02 | 12.3 - 16.4 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 1 | 33 | 17 | NS(1) | NS(1) | NS(1) |

**Table 3-6. Summary of Historical Total PAH Results**
**Halesite Former MGP Site**
**Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report**

| Well No. | Screen Interval (feet) | Total PAH Concentrations (µg/L) | | | | | | | | | | | | | | Pre-operational Period | | | Operational Period | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sampling Date | | | | | | | | | | | | | | | | | | | |
| | | 2019 | | 2020 | | 2021 | | 2022 | | 2023 | | 2024 | | 2025 | | | | | | | |
| | | Mar | Sept | Feb | Sept | Mar | Sept | Feb | Aug | Feb | Aug | Feb | Aug | Mar | Aug | Min | Max | Mean | Min | Max | Mean |
| | | Operational Period | | | | | | | | | | | | | | | | | | | |
| **Downgradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | | | |
| HHMW-06S1 | 2.5 - 7.5 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 1 | 0 | 0 | 1 | 0 |
| HHMW-06S2 | 12.0 - 22.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 374 | 45 | 0 | 45 | 10 |
| HHMW-06I | 35.0 - 45.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-07S1 | 3.0 - 8.0 | NS | 0 | NS(1) | 2 | NS | 0 | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 1,688 | 427 | 0 | 285 | 50 |
| HHMW-07S2 | 16.0 - 26.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 111 | 18 | 0 | 77 | 29 |
| HHMW-07I | 45.0 - 55.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 1 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-07D | 115.0 - 125.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | NS(1) | NS(1) | NS(1) |
| HHMW-08S | 2.0 -12.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 181 | 53 | 0 | 21 | 1 |
| HHMW-08I | 35.0 - 45.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 10 | 5 | NS(1) | NS(1) | NS(1) |
| HHMW-11S/11SR | 3.0 - 13.0 | NS(1) | 9 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 130 | 77 | 4 | 76 | 37 |
| HHMW-11I | 31.0 - 41.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 82 | 7 | 0 | 0 | 0 |
| HHMW-19S1 | 3.0 - 8.0 | 138 | 9 | 22 | 26 | 46 | 29 | 33 | 15 | 138 | 57 | 2 | 30 | 28 | 26 | 5 | 5 | 5 | 0 | 3,732 | 499 |
| HHMW-19S2 | 15.0 - 25.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 0 | 0 | 0 | 0 | 310 | 50 |
| HHMW-20S1 | 4.0 - 9.0 | NS(1) | 9.9 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 49 | 49 | 49 | 0 | 154 | 48 |
| HHMW-20S2/20S2R | 15.0 - 25.0 | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | NS(1) | 2 | 2 | 2 | 0 | 107 | 4 |
| HHMW-21S1 | 3.0 - 8.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | 0 | 0 | 0 | 0 | 0 | 0 |
| HHMW-21S2 | 15.0 - 25.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS(1) | NS(2) | NS(2) | NS(2) | 0 | 0 | 0 |
| **Sidegradient Groundwater Monitoring Wells** | | | | | | | | | | | | | | | | | | | | | |
| HHMW-22S1 | 4.0 - 9.0 | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | NS(2) | 1,510 | NS | 2657 | 37.76 | 467.9 | NS | NS | NS(2) | NS(2) | NS(2) | 37.76 | 2,657 | 1168 |
| HHMW-22S2 | 15.0 - 25.0 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0 | 0 | 0 | 0 | 1 | 0 |

**General Notes:**

µg/L = Micrograms per liter

PAH = Polycyclic Aromatic Hydrocarbons

MGP = Manufactured Gas Plant

Monitoring wells HHMW-16S1, HHMW-16S2, HHMW-17S1, and HHMW-17S2 sampled on March 2, 2010 were included in the February monthly results.

(1): Monitoring well abandoned

(2): Monitoring well not sampled due to the presence of DNAPL

* = Well constructed in 2003

** = Well constructed in 2001

*** = Well constructed in October 2005

**** = Well constructed in 2009

NS = Not sampled

DNAPL = Dense Non-Aqueous Phase Liquid

# Figures

**Figure 1. Site Location Map**

**Figure 2. Oxygen Injection System, Monitoring Well, Recovery Well and Soil Vapor Point Location Map**

**Figure 3. Shallow Groundwater Contour Map – High Tide**

**Figure 4. Shallow Groundwater Contour Map – Low Tide**




***SOURCE:***

USGS TOPOGRAPHIC QUADRANGLE, 7.5 MINUTE SERIES:
LLOYD HARBOR & HALESITE, NY, 2023
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
10-FOOT CONTOUR INTERVAL

Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report 2024/25
Halesite Former MGP Site
Halesite, New York

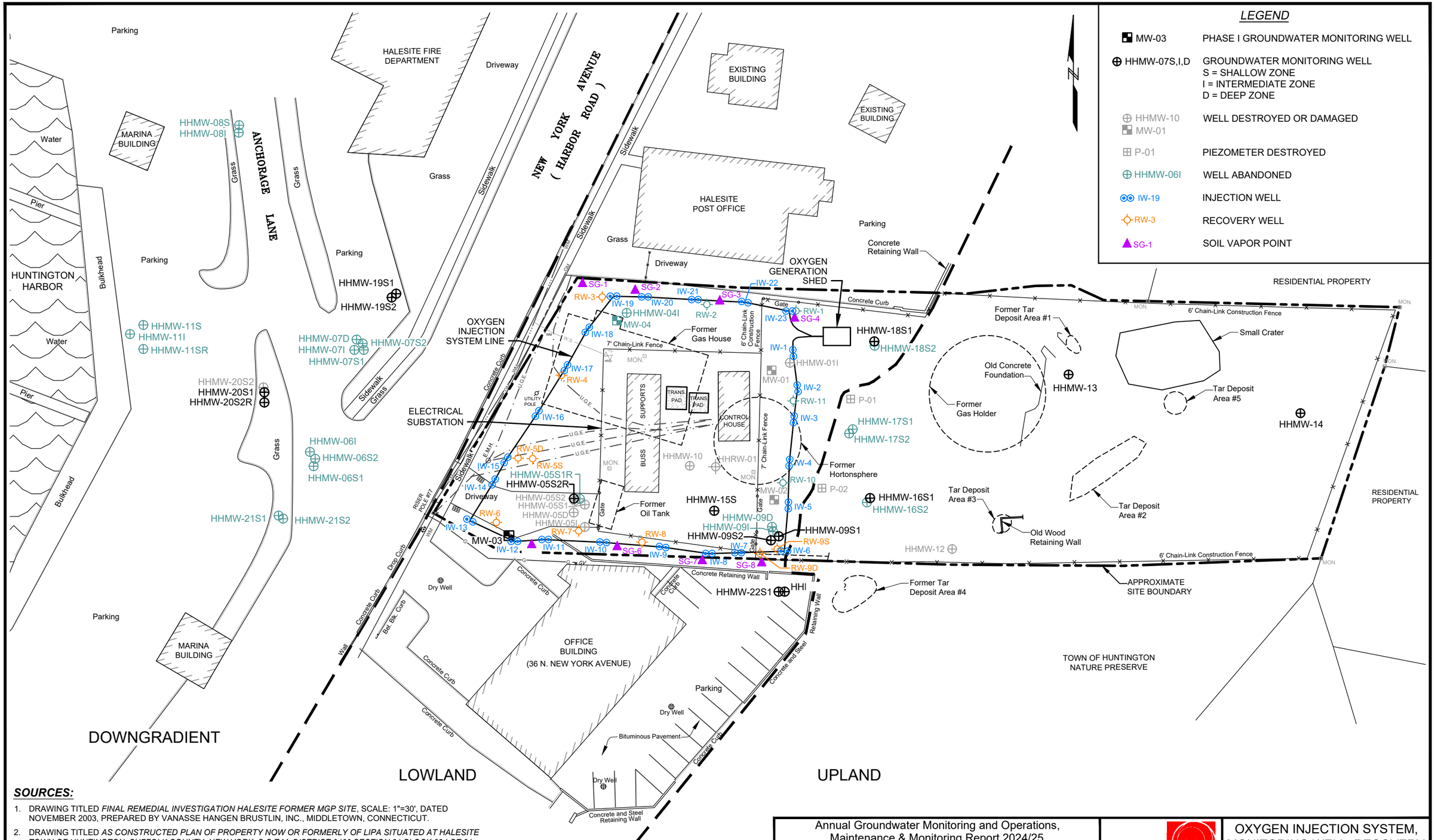
nationalgrid

GEI Consultants

SITE LOCATION MAP

Project 1905774 | December 2025 | Fig. 1

---- B:\Working\NATIONAL GRID\2503970 NG Downstate OM&M\00_CAD\Figures\Halesite\AGWMR\2025\1_1905774_HAGWR_SLM.dwg - 12/3/2025




**SOURCES:**

1. DRAWING TITLED *FINAL REMEDIAL INVESTIGATION HALESITE FORMER MGP SITE*, SCALE: 1"=30', DATED NOVEMBER 2003, PREPARED BY VANASSE HANGEN BRUSTLIN, INC., MIDDLETOWN, CONNECTICUT.
2. DRAWING TITLED *AS CONSTRUCTED PLAN OF PROPERTY NOW OR FORMERLY OF LIPA SITUATED AT HALESITE TOWN OF HUNTINGTON, SUFFOLK COUNTY, NEW YORK, S.C.T.M. DISTRICT 0400 SECTION 31 BLOCK 02 LOT 21*, SCALE: 1"=20', DATED NOV. 14, 2008, REVISED 07/09/09, PREPARED BY NELSON & POPE, MELVILLE, N.Y.
3. DRAWING TITLED *AS CONSTRUCTED PLAN OF PROPERTY AS DESCRIBED IN DEED(LIBER 12511; PAGE 573) (ALSO KNOWN AS P/O LOT 18 "MAP OF KETEWOMOKE") SITUATED AT HALESITE TOWN OF HUNTINGTON, SUFFOLK COUNTY, NEW YORK, S.C.T.M. DISTRICT 0400 SECTION 31 BLOCK 02 LOT 21*, SCALE: 1"=30', DATED JULY 14, 2008, UPDATED 05/06/09, PREPARED BY NELSON & POPE, MELVILLE, N.Y.

Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report 2024/25
Halesite Former MGP Site
Halesite, New York

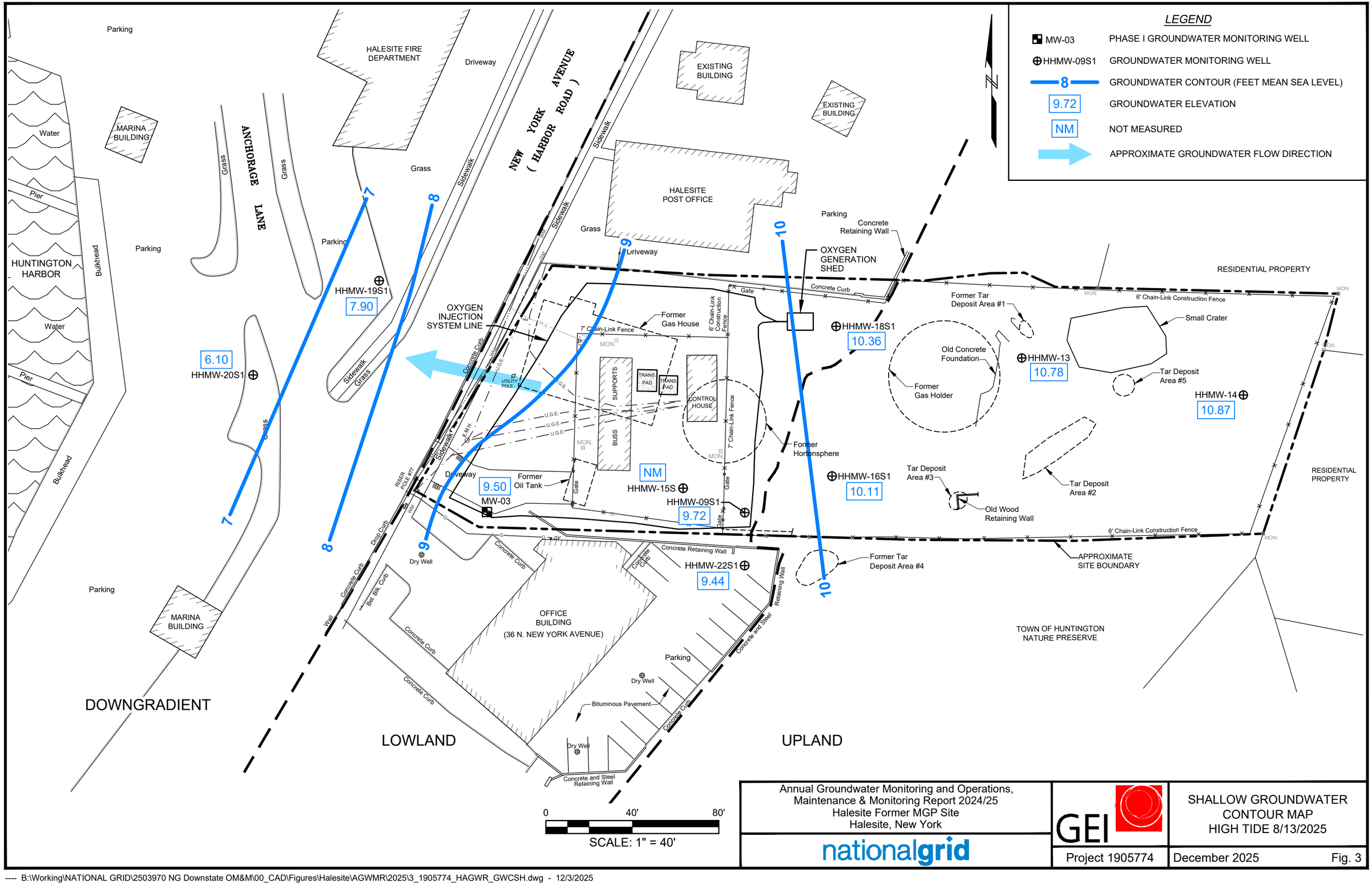
nationalgrid

GEI

OXYGEN INJECTION SYSTEM, MONITORING WELL, RECOVERY WELL AND SOIL VAPOR POINT LOCATION MAP

Project 1905774 | December 2025 | Fig. 2

---- B:\Working\NATIONAL GRID\2503970 NG Downstate OM&M\00_CAD\Figures\Halesite\AGWMR\2025\2_1905774_HAGWR_SLOC.dwg - 12/3/2025




Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report 2024/25
Halesite Former MGP Site
Halesite, New York

nationalgrid

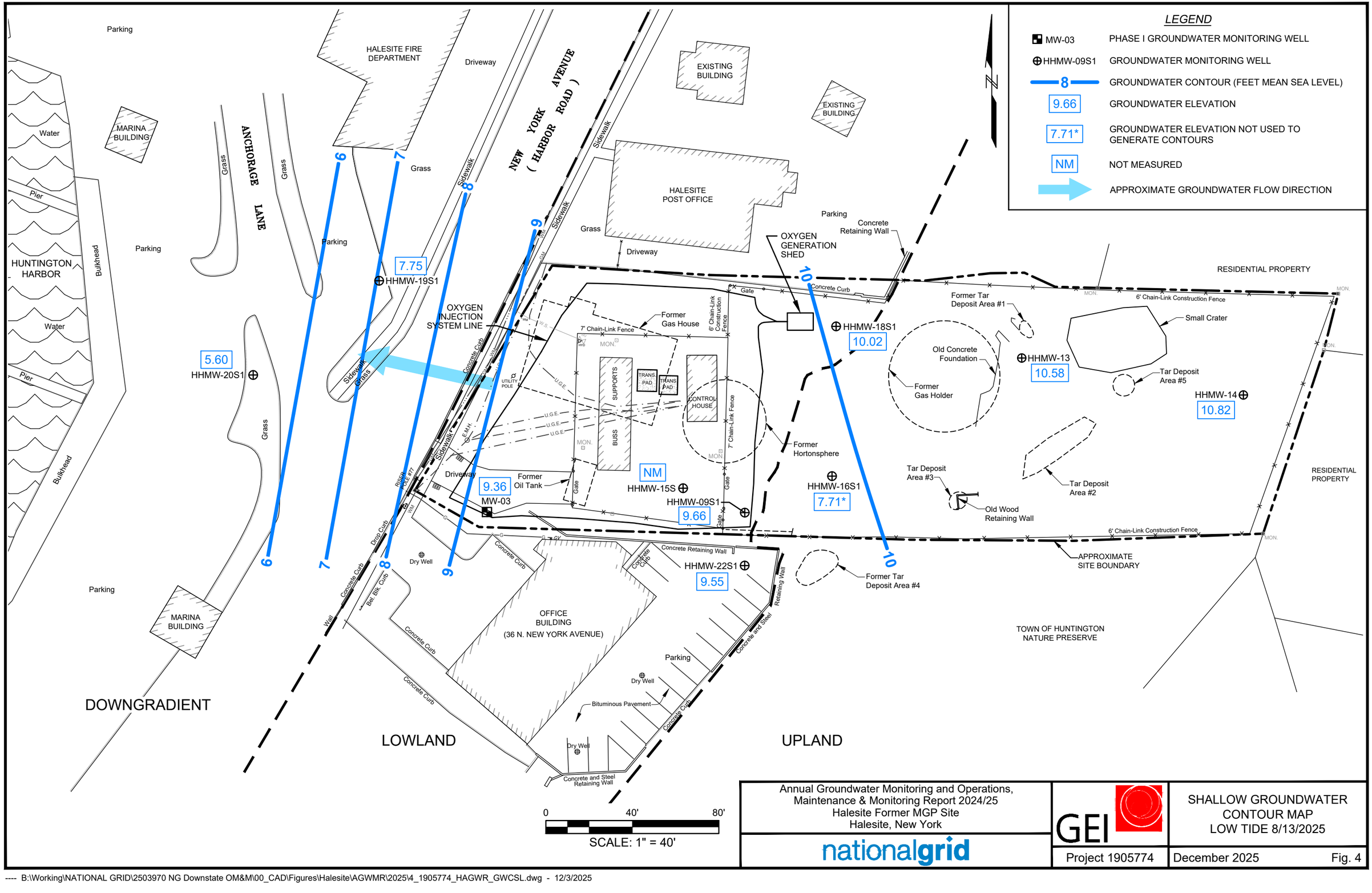
GEI

Project 1905774

SHALLOW GROUNDWATER CONTOUR MAP
HIGH TIDE 8/13/2025

December 2025 Fig. 3

---- B:\Working\NATIONAL GRID\2503970 NG Downstate OM&M\00_CAD\Figures\Halesite\AGWMR\2025\3_1905774_HAGWR_GWCSH.dwg - 12/3/2025




Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report 2024/25
Halesite Former MGP Site
Halesite, New York

nationalgrid

GEI

Project 1905774

SHALLOW GROUNDWATER CONTOUR MAP
LOW TIDE 8/13/2025

December 2025 Fig. 4

---- B:\Working\NATIONAL GRID\2503970 NG Downstate OM&M\00_CAD\Figures\Halesite\AGWMR\2025\4_1905774_HAGWR_GWCSL.dwg - 12/3/2025

# Appendix A Well Abandonment Summary Letter

Michael Quinlan
Senior Program Manager
Site Investigation & Remediation

nationalgrid

August 29, 2025
Mr. Gerald Pratt, P.G.
Section Chief, Remedial Bureau C, Section E
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7014

**Monitoring Well Abandonment Summary**
**Halesite Former MGP Site**
**Halesite, New York**
**Site No. 1-52-173**

---

Dear Mr. Pratt,

This report is a summary of the groundwater monitoring and recovery well abandonments at the Halesite Former Manufactured Gas Plant (MGP) Site. **Figure 1** shows the locations of the groundwater monitoring wells and recovery wells that were abandoned and recovery wells that were redeveloped (highlighted in green and yellow, respectively) as per the approved work plan and comment response letter.

The well abandonment work plan was submitted to the New York State Department of Environmental Conservation (NYSDEC) on October 24, 2024 and was approved with modifications following two rounds of comments and associated responses from National Grid. The modified workplan included abandonment of 18 monitoring and 4 recovery wells and the redevelopment of 7 recovery wells located at the Site. National Grid retained GEI Consultants, Inc. DBA GEI Consultants Engineering, Geology, Architecture & Landscape Architecture (GEI) to conduct environmental oversight and document the activities during the abandonment of the wells in accordance with the approved work plan and NYSDEC Technical Guidance CP43: *Groundwater Monitoring Well Decommissioning Policy* (CP43), dated November 3, 2009.

## Summary of Field Activities

GEI retained Coastal Environmental Solutions, Inc., to conduct the well abandonment and redevelopment. The well abandonments were conducted from June 2 through June 5, 2025 and well redevelopment was conducted on June 19, 2025.

### *Well Abandonments*

The wells selected for abandonment were constructed with either 1-inch, 2-inch, or 6-inch slotted well screen and riser. The total depths and screened zones of the abandoned wells measured as feet below ground surface for each well is provided in the table below.

175 East Old Country Road, Hicksville, NY 11801
T: 516.220.4363 ■ F: 516.545.2582 ■ **Michael.Quinlan@nationalgrid.com** ■ www.nationalgrid.com

**Monitoring Well Abandonment Summary**
**Halesite Former MGP Site**
**Halesite, New York**

| Monitoring/Recovery Well ID | Well Diameter (in.) | Total Depth (feet) | Screened Zone (feet) |
|---|---|---|---|
| RW-1 | 6 | 12 | 5-10 |
| RW-2 | 6 | 11 | 4-9 |
| RW-10 | 6 | 12 | 5-10 |
| RW-11 | 6 | 12 | 5-10 |
| MW-04 | 2 | 21 | 1-21 |
| HHMW-04I | 2 | 40 | 30-40 |
| HHMW-05S1R | 1 | 28 | 18-28 |
| HHMW-07S1 | 2 | 8 | 3-8 |
| HHMW-07S2 | 2 | 26 | 16-26 |
| HHMW-07I | 2 | 55 | 45-55 |
| HHMW-07D | 2 | 125 | 115-125 |
| HHMW-08S | 2 | 12 | 2-12 |
| HHMW-08I | 2 | 45 | 35-45 |
| HHMW-09I | 2 | 53 | 43-53 |
| HHMW-09D | 2 | 95 | 85-95 |
| HHMW-11SR | 1 | 13 | 3-13 |
| HHMW-16S2 | 1 | 45 | 35-45 |
| HHMW-17S1 | 1 | 25 | 20-25 |
| HHMW-17S2 | 1 | 40 | 30-40 |
| HHMW-18S2 | 1 | 29 | 19-29 |
| HHMW-21S1 | 1 | 8 | 3-8 |
| HHMW 21S2 | 1 | 25 | 15-25 |

The wells abandoned as part of this effort were installed in the overburden unit with no confining layers present. As such, they were grouted-in-place in accordance with CP43. In the 2-inch and 6-inch wells, grout was placed via a tremie from the bottom of the well to the top of the remaining riser or borehole void. In the case of the 3/4-inch and 1-inch wells, grout was poured from the top and allowed to settle before adding additional grout. All well boxes were removed and approximately two feet of the top section of riser was removed. Any casing removed along with the associated well materials were properly disposed. Upon completion, the ground surface in the vicinity of wells were restored to match existing grade. Well Decommissioning Records can be found as **Attachment 1.**

*Recovery Well Redevelopment*

In accordance with the conditions in the approved modified work plan, recovery wells RW-3, RW-4, RW-5S, RW-6, RW-7 and RW-8 were redeveloped. Recovery well RW-9S could not be redeveloped due to a limited amount of water (less than two feet) present in the well. Redevelopment consisted of pumping and surging each well with a surge block, purging of the well with a submersible pump and monitoring of each well until the purge water was visibly clear. Redevelopment logs are included as **Attachment 2**.

**Monitoring Well Abandonment Summary**
**Halesite Former MGP Site**
**Halesite, New York**

If you have any questions, feel free to contact me at (516) 220-4363 or by email at michael.quinlan@nationalgrid.com.

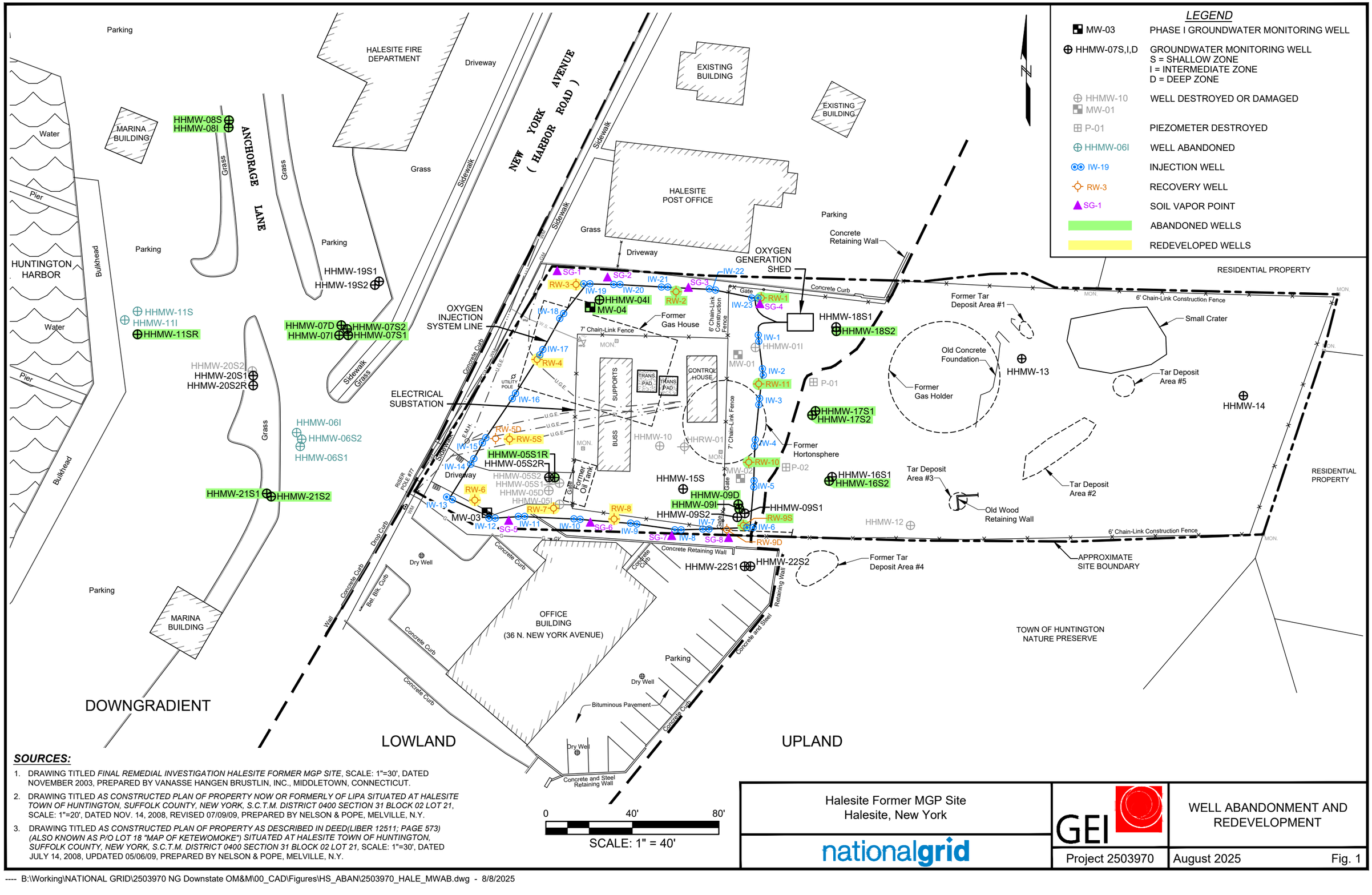
Very truly yours,



Christopher Morris, P.G.
On behalf of
Michael Quinlan

Attachment

cc:
J. Mitchell (National Grid)
T. Johansen (GEI)




***SOURCES:***

1. DRAWING TITLED *FINAL REMEDIAL INVESTIGATION HALESITE FORMER MGP SITE*, SCALE: 1"=30', DATED NOVEMBER 2003, PREPARED BY VANASSE HANGEN BRUSTLIN, INC., MIDDLETOWN, CONNECTICUT.
2. DRAWING TITLED *AS CONSTRUCTED PLAN OF PROPERTY NOW OR FORMERLY OF LIPA SITUATED AT HALESITE TOWN OF HUNTINGTON, SUFFOLK COUNTY, NEW YORK, S.C.T.M. DISTRICT 0400 SECTION 31 BLOCK 02 LOT 21*, SCALE: 1"=20', DATED NOV. 14, 2008, REVISED 07/09/09, PREPARED BY NELSON & POPE, MELVILLE, N.Y.
3. DRAWING TITLED *AS CONSTRUCTED PLAN OF PROPERTY AS DESCRIBED IN DEED(LIBER 12511; PAGE 573) (ALSO KNOWN AS P/O LOT 18 "MAP OF KETEWOMOKE") SITUATED AT HALESITE TOWN OF HUNTINGTON, SUFFOLK COUNTY, NEW YORK, S.C.T.M. DISTRICT 0400 SECTION 31 BLOCK 02 LOT 21,* SCALE: 1"=30', DATED JULY 14, 2008, UPDATED 05/06/09, PREPARED BY NELSON & POPE, MELVILLE, N.Y.

Halesite Former MGP Site
Halesite, New York

nationalgrid

GEI

WELL ABANDONMENT AND REDEVELOPMENT

Project 2503970 | August 2025 | Fig. 1

---- B:\Working\NATIONAL GRID\2503970 NG Downstate OM&M\00_CAD\Figures\HS_ABAN\2503970_HALE_MWAB.dwg - 8/8/2025

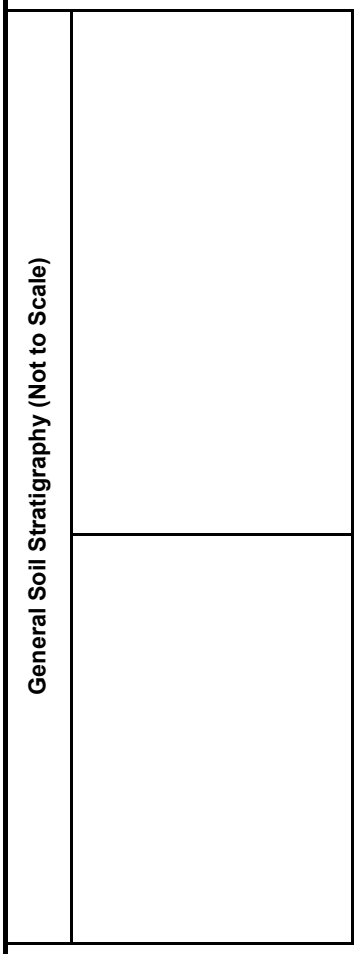
# ATTACHMENT 1

# Well Decommisioning Record

# RW-1

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | RW-1 |
| **CLIENT** | National Grid | **LOCATION** | Northeast Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 6" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 3 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 5 feet |
| Depth Top of Pervious Section | 5 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 10 feet |
| Depth Bottom of Sump | 12 feet |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 12 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 12 feet |
| Interval Grouted (ft bgs): | 1.5'-12' |

**NOTES:**
Final top off tomorrow AM coastal prepared 3 loads which was pumped into each well decomissioned on 6/2/25. Settling was allowed between applications.

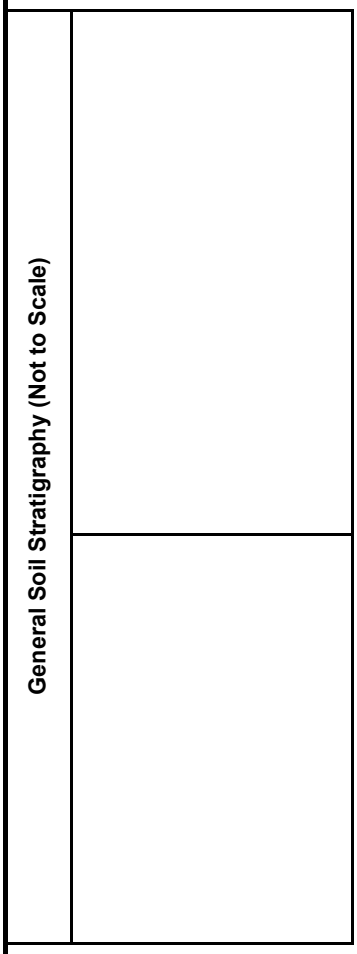
GEI Consultants

# Well Decommisioning Record

# RW-2

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | RW-2 |
| **CLIENT** | National Grid | **LOCATION** | Northeast Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/3/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 6" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 2 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 4 feet |
| Depth Top of Pervious Section | 4 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 9 feet |
| Depth Bottom of Sump | 11 feet |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 11 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 11 feet |
| Interval Grouted (ft bgs): | 0.00'-11.0' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/3/25. Settling was allowed between applications.

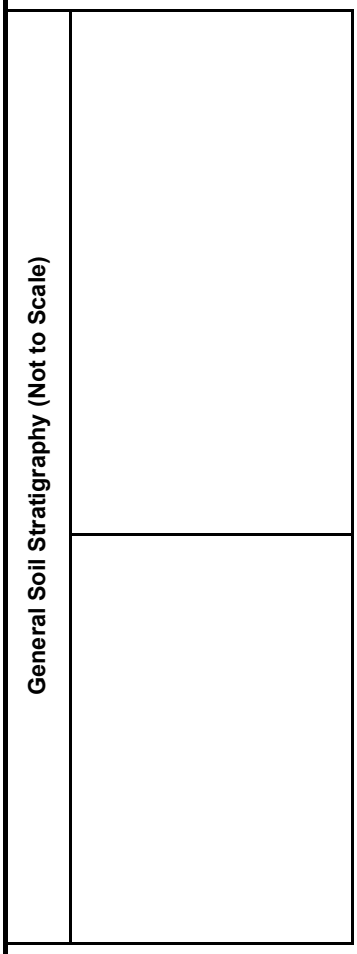
GEI Consultants

# Well Decommisioning Record

# RW-10

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | RW-10 |
| **CLIENT** | National Grid | **LOCATION** | Southeast Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 6" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 3 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 5 feet |
| Depth Top of Pervious Section | 5 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 10 feet |
| Depth Bottom of Sump | 12 feet |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 12 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 12 feet |
| Interval Grouted (ft bgs): | 2'-12' |

**NOTES:**
Final top off tomorrow AM coatsal prepared 3 loads. The loads were pumped into each well decommisioned on 6/2/25. Settling was allowed between applications.

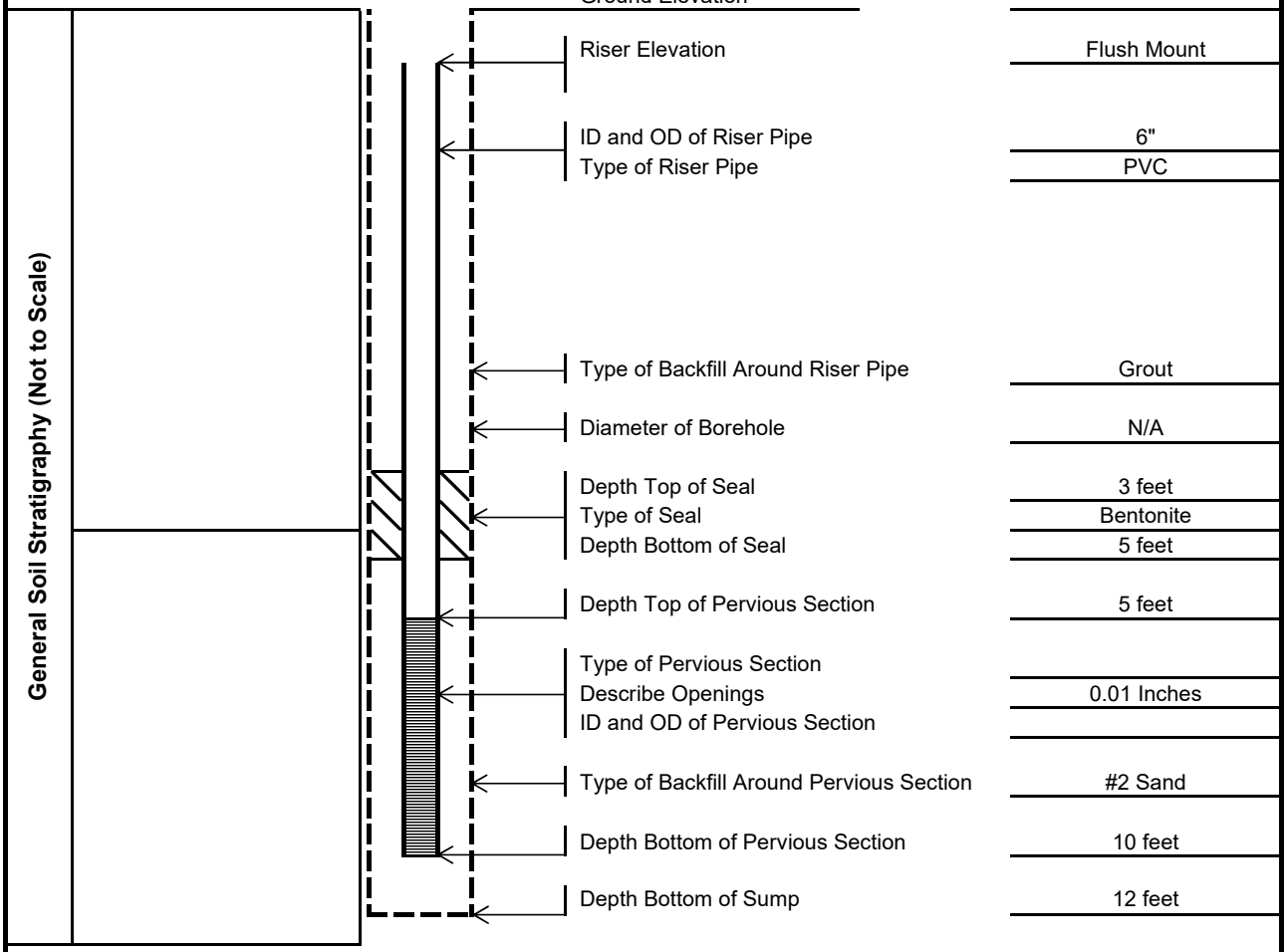
GEI Consultants

# Well Decommisioning Record

# RW-11

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | RW-11 |
| **CLIENT** | National Grid | **LOCATION** | East Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 12 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 12 feet |
| Interval Grouted (ft bgs): | 1'-12' |

**NOTES:**
Final top off tomorrow AM. Coastal prepared 3 loads of grout for each of the decomissioned wells on 6/2/2025. Settling allowed between applications.

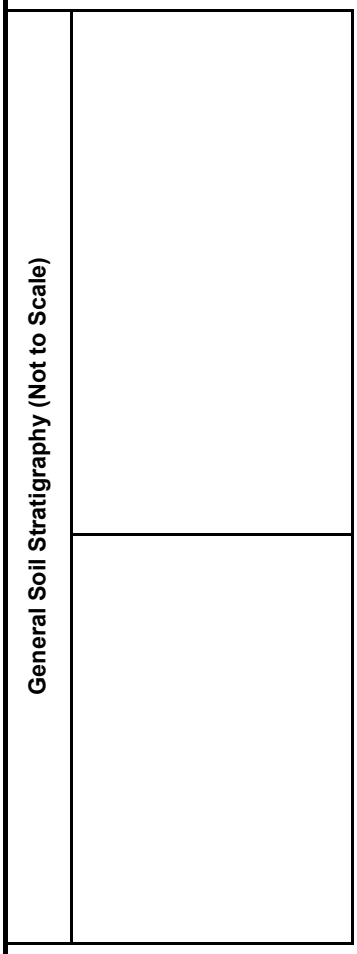
GEI Consultants

# Well Decommisioning Record

# MW-04

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | MW-04 |
| **CLIENT** | National Grid | **LOCATION** | Northwest Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/3/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 2" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 0.6 Feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 1 foot |
| Depth Top of Pervious Section | 1 foot |
| Type of Pervious Section | |
| Describe Openings | 0.02 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 21 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 21 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 21 feet |
| Interval Grouted (ft bgs): | 0.6'-21.0' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/3/25. Settling was allowed between applications.

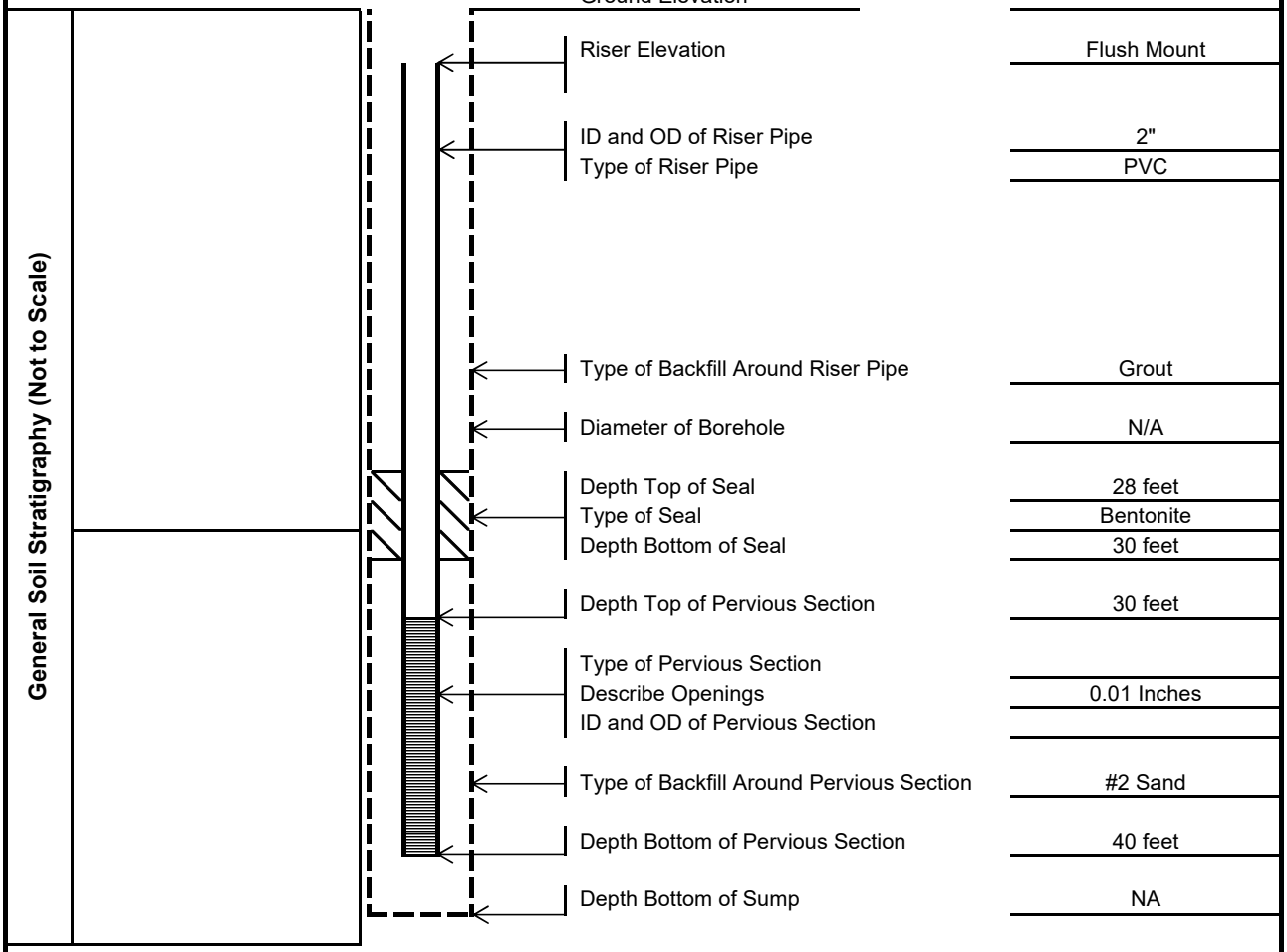
GEI Consultants

# Well Decommisioning Record

# HHMW-04I

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | HHMW-04I |
| **CLIENT** | National Grid | **LOCATION** | North Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/3/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 40 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 40 feet |
| Interval Grouted (ft bgs): | 1'-40' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/3/25. Settling was allowed between applications.

GEI Consultants

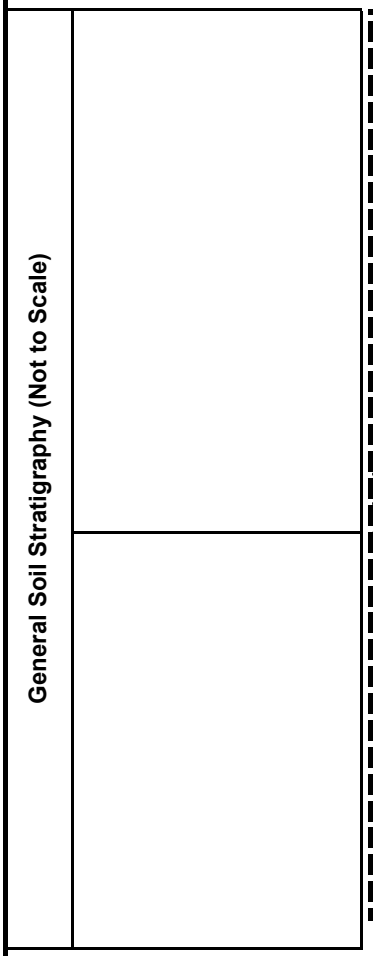
# Well Decommisioning Record

# HHMW-05S1R

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-05S1R |
| **LOCATION** | South Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/3/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 1" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 16 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 18 feet |
| Depth Top of Pervious Section | 18 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 28 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 28 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 28 feet |
| Interval Grouted (ft bgs): | 0.8'-28' |

**NOTES:**
Final top off tomorrow AM. Coastal prepared 2 loads of grout for each of the decomissioned wells on 6/3/2025. Settling allowed between applications.

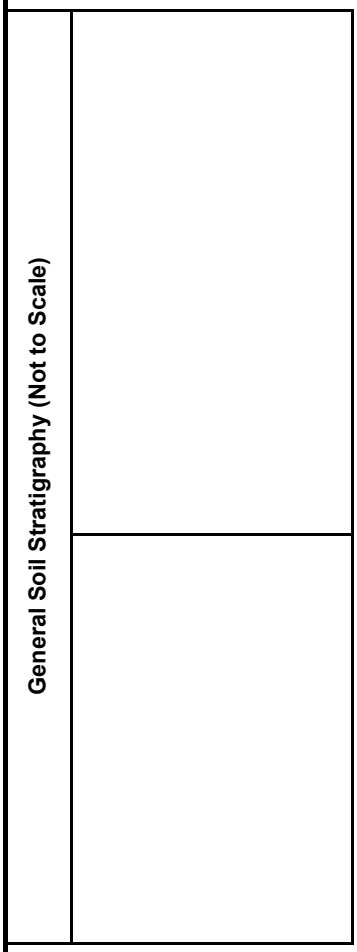
GEI Consultants

# Well Decommisioning Record

# HHMW-07S1

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | HHMW-07S1 |
| **CLIENT** | National Grid | **LOCATION** | West Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/4/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 2" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 1 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 3 feet |
| Depth Top of Pervious Section | 3 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 8 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 8 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 8 feet |
| Interval Grouted (ft bgs): | 0.2'-8' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/4/25. Settling was allowed between applications.

GEI Consultants

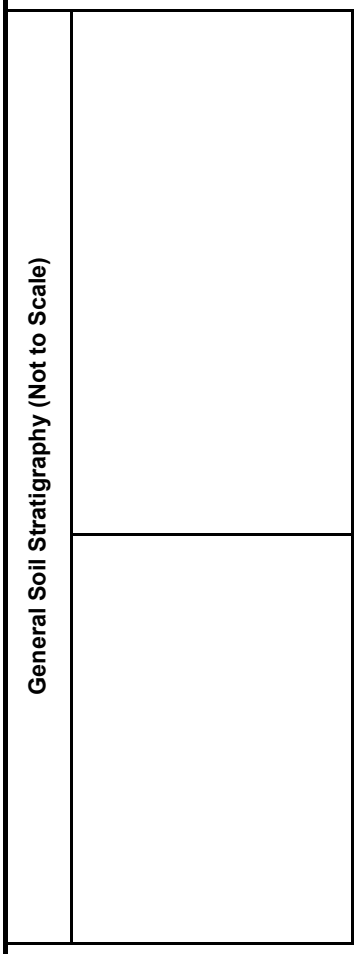
# Well Decommisioning Record

# HHMW-07S2

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-07S2 |
| **LOCATION** | West Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/4/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 2" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 14 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 16 feet |
| Depth Top of Pervious Section | 16 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 26 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 26 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 26 feet |
| Interval Grouted (ft bgs): | 4'-26' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/3/25. Settling was allowed between applications.

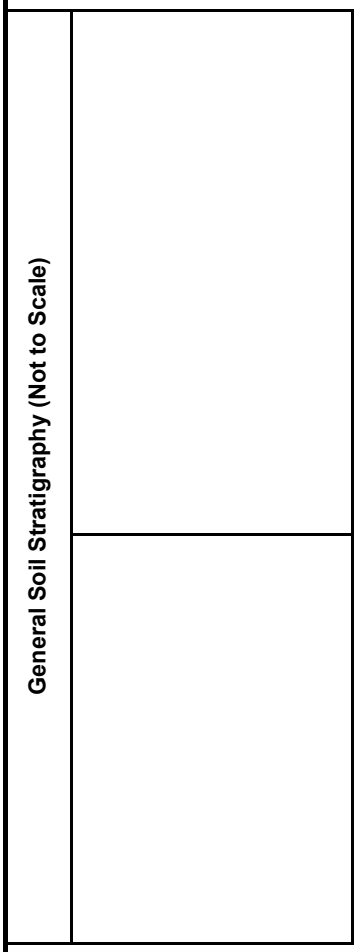
GEI Consultants

# Well Decommisioning Record

# HHMW-07I

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | HHMW-07I |
| **CLIENT** | National Grid | **LOCATION** | West Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/4/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 2" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 43 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 45 feet |
| Depth Top of Pervious Section | 45 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 55 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 55 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 55 feet |
| Interval Grouted (ft bgs): | 4'-55' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/4/25. Settling was allowed between applications.

GEI Consultants

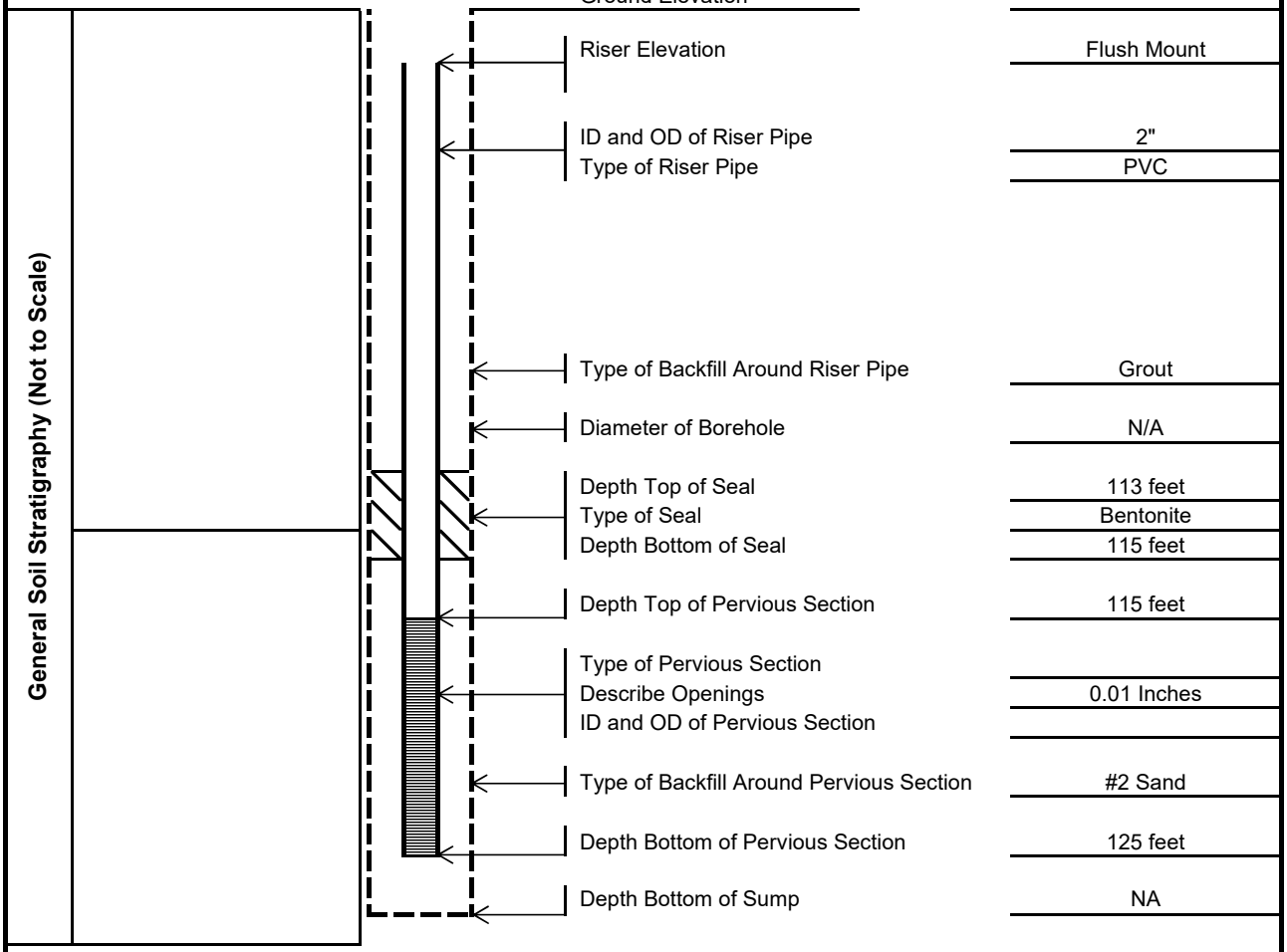
# Well Decommisioning Record

# HHMW-07D

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-07D |
| **LOCATION** | West Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/4/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 125 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 125 feet |
| Interval Grouted (ft bgs): | 3'-125' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 batches of grout and pumped into each of the wells decomissioned on 6/2/25. Settling allowed in between applicaion.

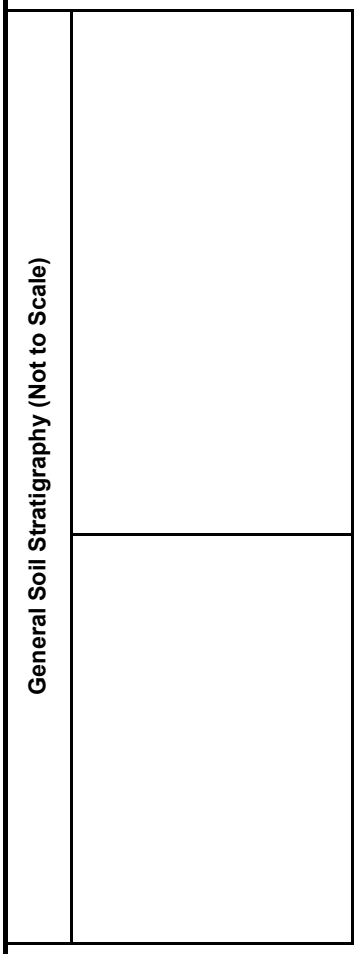
GEI Consultants

# Well Decommisioning Record

# HHMW-08S

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | HHMW-08S |
| **CLIENT** | National Grid | **LOCATION** | Northwest Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/4/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 2" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 1.0 |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 2.0 |
| Depth Top of Pervious Section | 2.0 |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 12 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 12 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 12 feet |
| Interval Grouted (ft bgs): | 0.2'-12.0' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/4/25. Settling was allowed between applications.

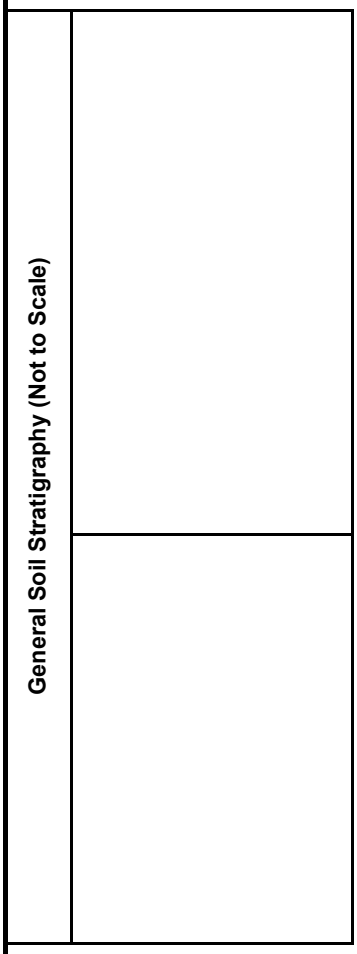
GEI Consultants

# Well Decommisioning Record

# HHMW-08I

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | HHMW-08I |
| **CLIENT** | National Grid | **LOCATION** | Northwest Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/4/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 2" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 32 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 35 feet |
| Depth Top of Pervious Section | 35 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 45 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 45 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 45 feet |
| Interval Grouted (ft bgs): | 2.8'-45' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/4/25. Settling was allowed between applications.

GEI Consultants

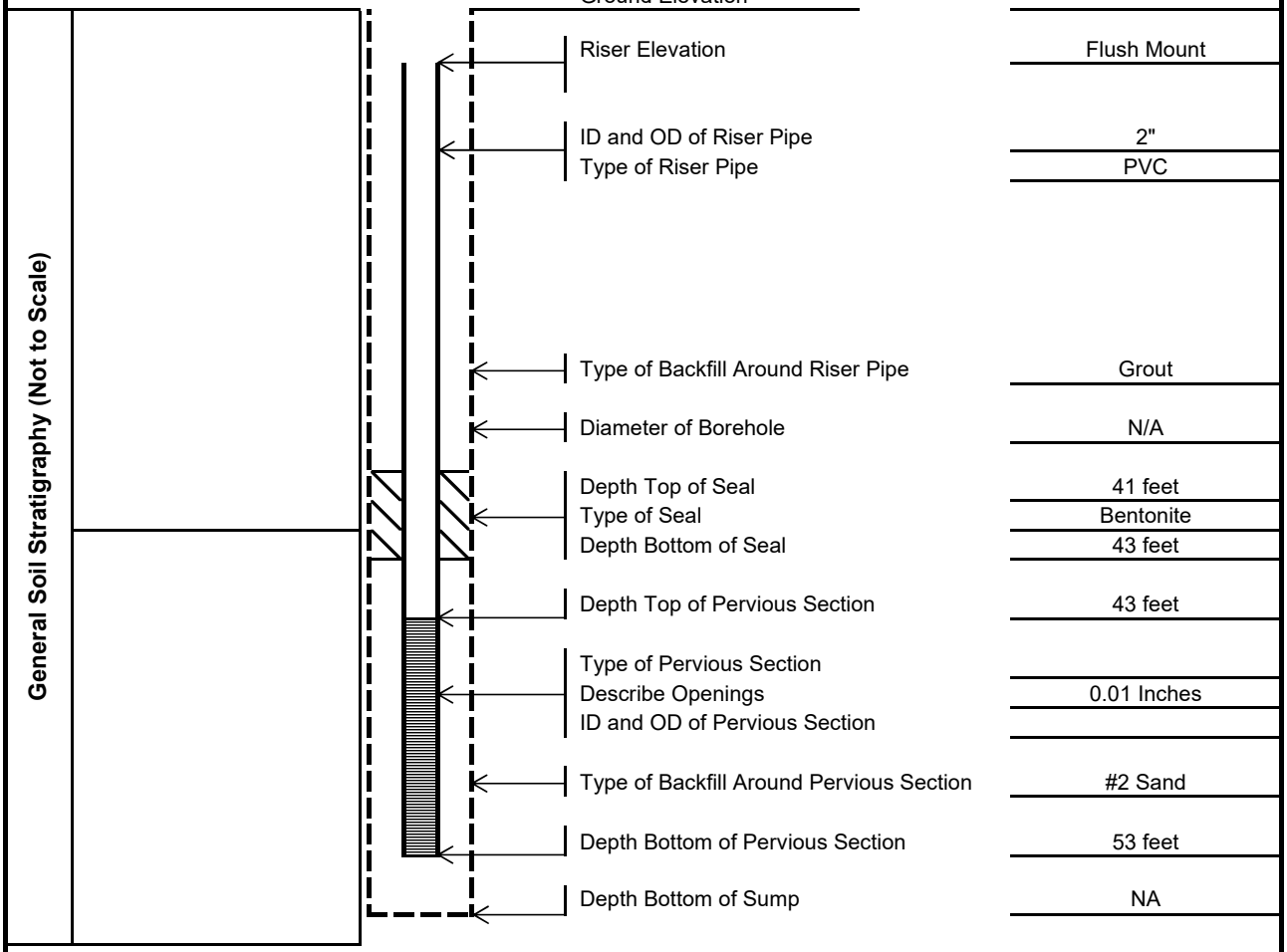
# Well Decommisioning Record

# HHMW-09I

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-09I |
| **LOCATION** | Southeast Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 53 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 53 feet |
| Interval Grouted (ft bgs): | 2.8'-53' |

**NOTES:**
Final top off tomorrow AM coastal prepared 3 loads of grout and pumped the 3 loads into each of the well decomissioned on 6/2/25. Settling allowed in between

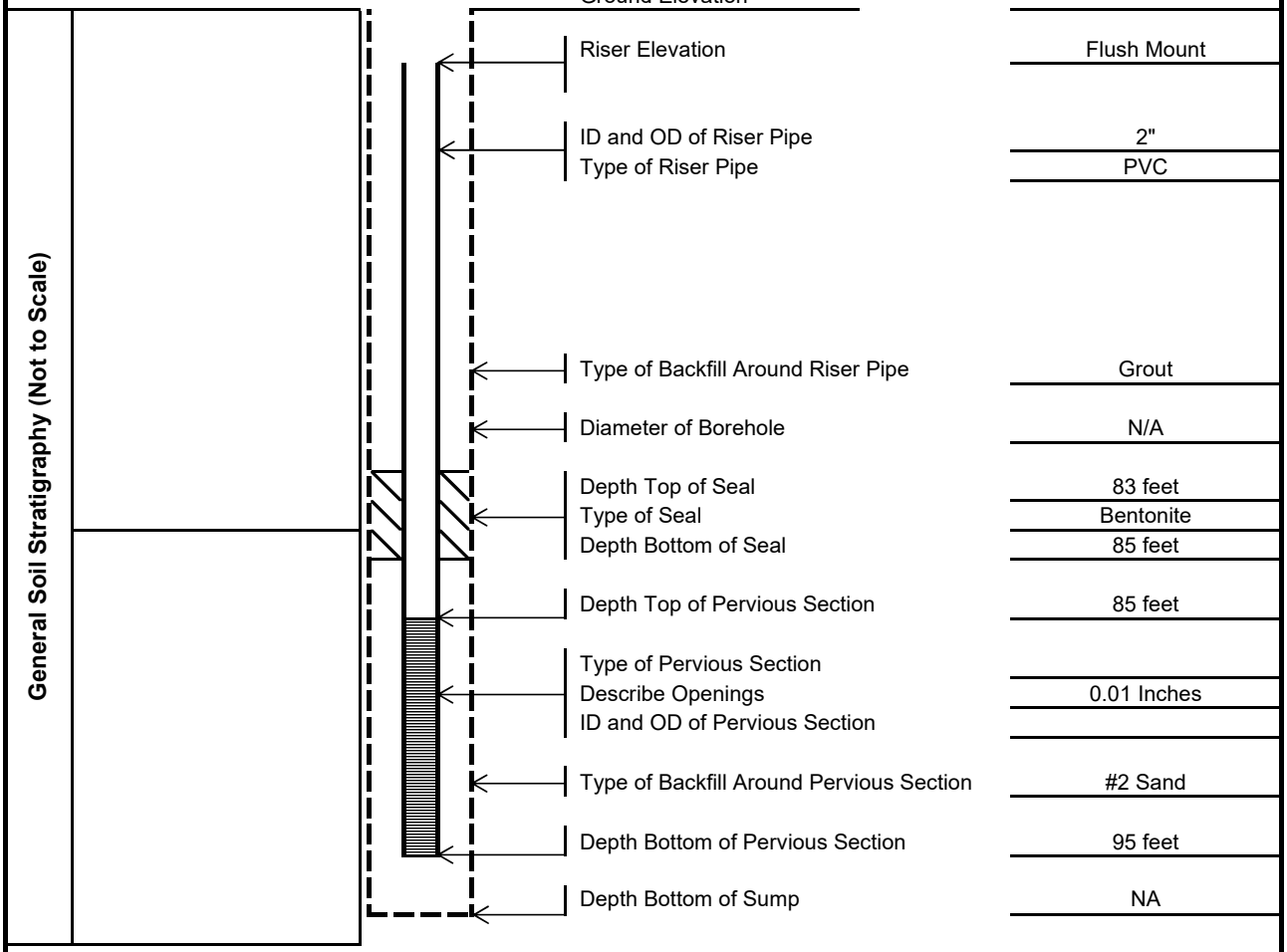
GEI Consultants

# Well Decommisioning Record

# HHMW-09D

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | HHMW-09D |
| **CLIENT** | National Grid | **LOCATION** | Southeast Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brandon | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 95 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 95 feet |
| Interval Grouted (ft bgs): | 4'-95' |

**NOTES:**
Final top off tomorrow AM. Coastal prepared 3 loads of grout for each of the decomissioned wells on 6/2/2025. Settling allowed between applications.

GEI Consultants

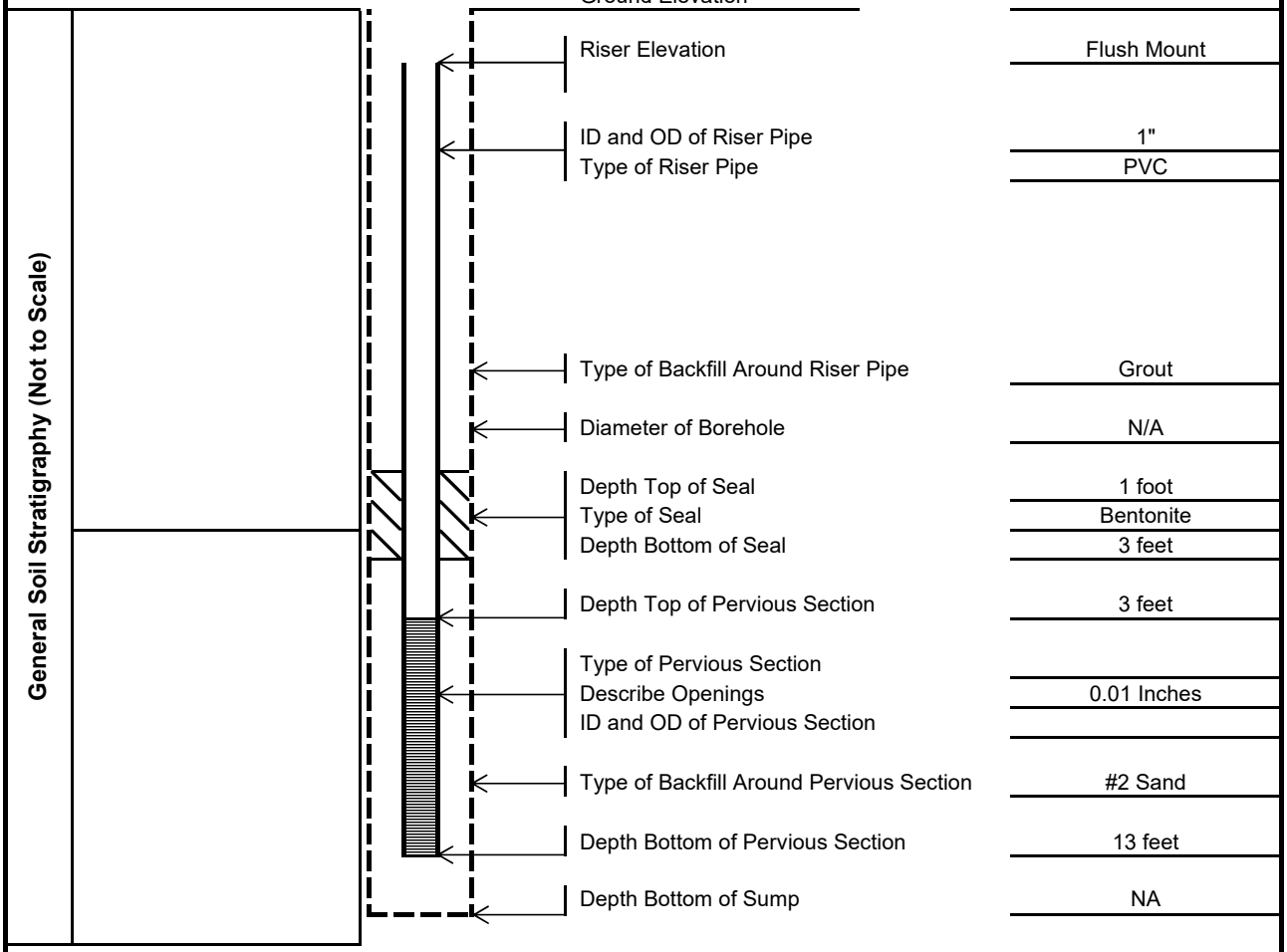
# Well Decommisioning Record

# HHMW-11SR

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-11SR |
| **LOCATION** | West Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/5/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 13 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 13 feet |
| Interval Grouted (ft bgs): | 0.2'-13' |

**NOTES:**

GEI Consultants

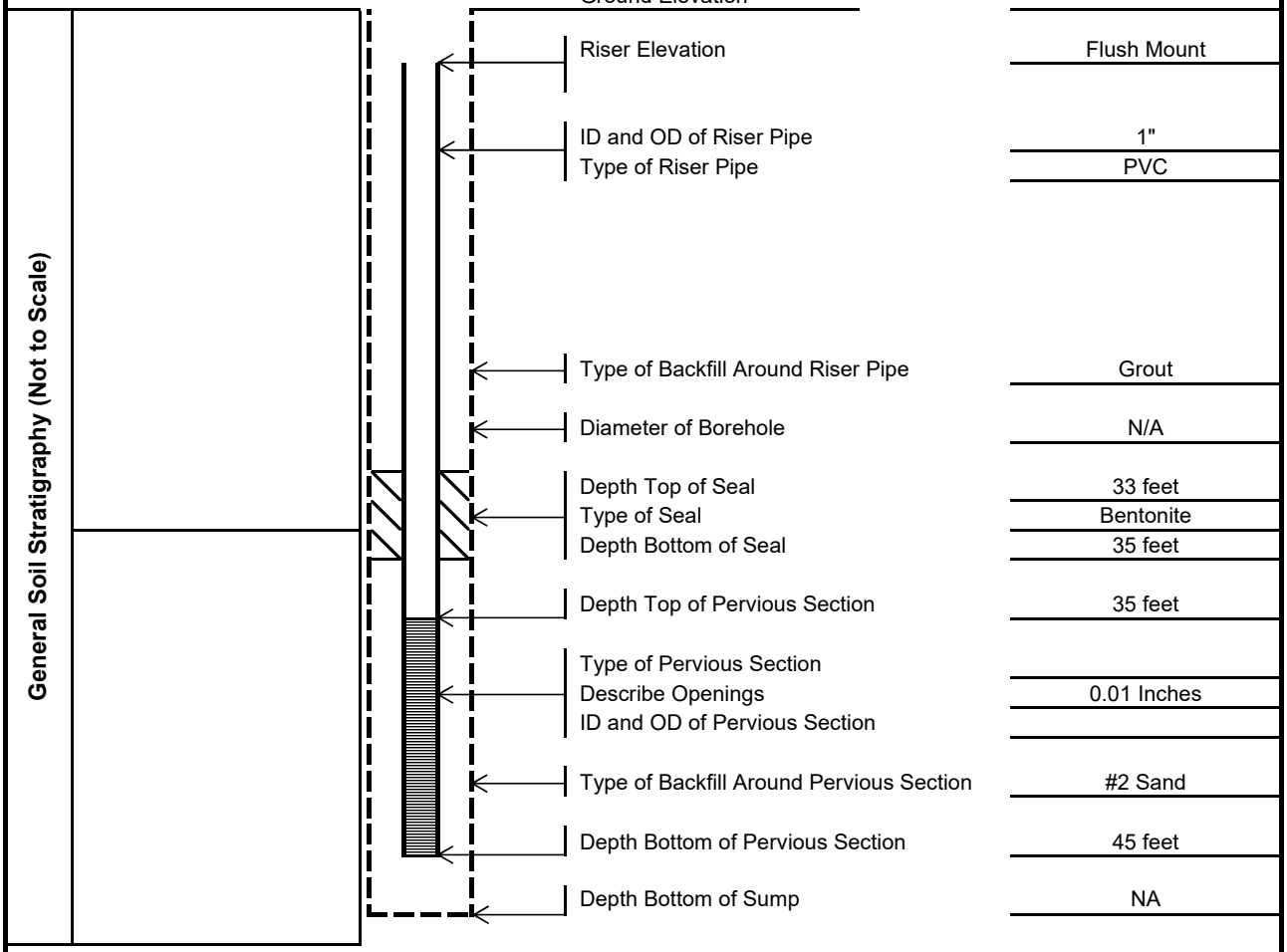
# Well Decommisioning Record

# HHMW-16S2

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-16S2 |
| **LOCATION** | Southeast Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 45 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 45 feet |
| Interval Grouted (ft bgs): | 2.4'-45' |

**NOTES:**
Final top off tomorrow AM. Coastal prepared 3 loads of grout for each of the decomissioned wells on 6/2/2025. Settling allowed between applications.

GEI Consultants

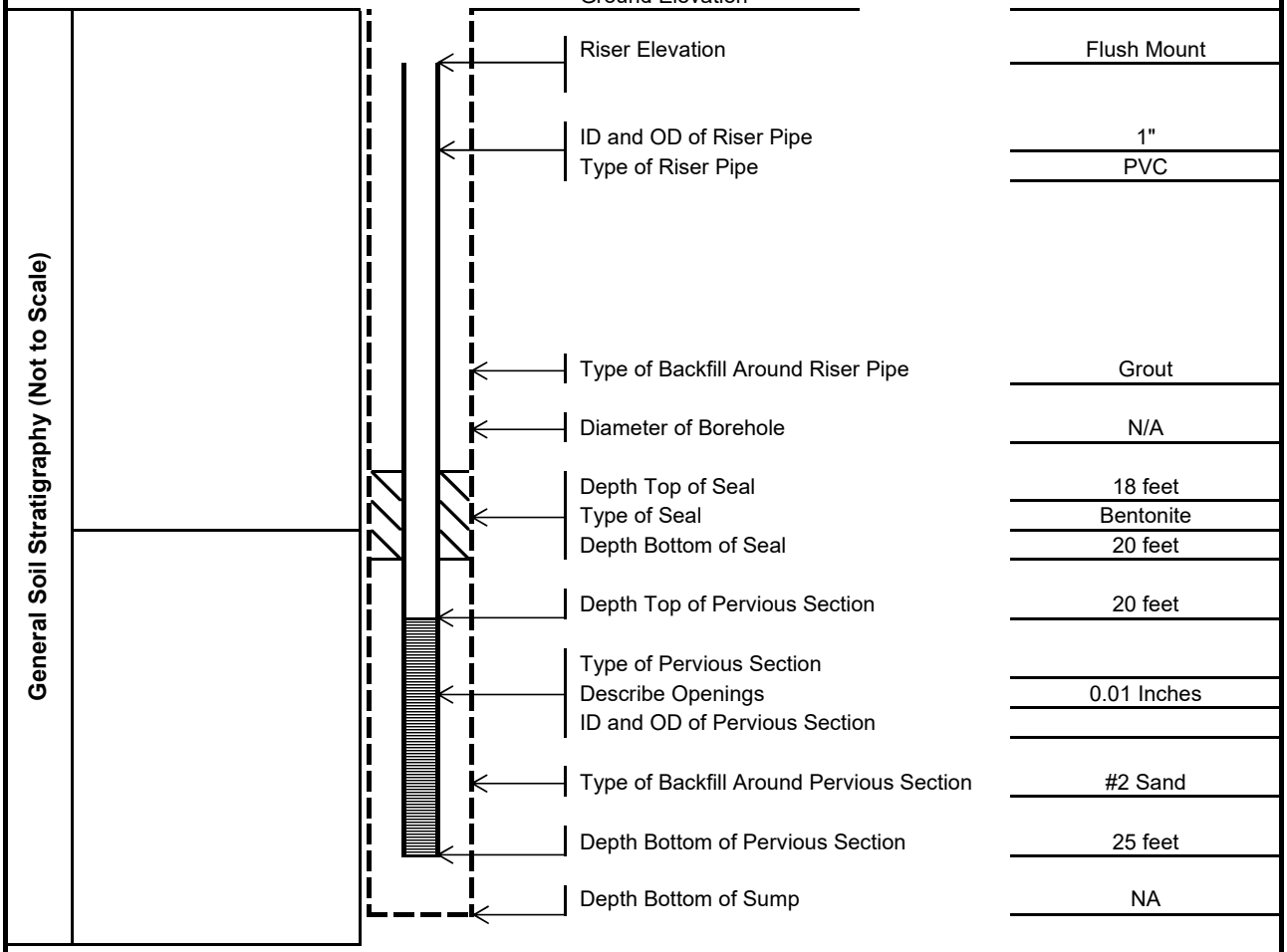
# Well Decommisioning Record

# HHMW-17S1

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-17S1 |
| **LOCATION** | East Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 25 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 25 feet |
| Interval Grouted (ft bgs): | 2'-25' |

**NOTES:**
Final top off tomorrow AM. Coastal prepared 3 loads of grout for each of the decomissioned wells on 6/2/2025. Settling allowed between applications.

GEI Consultants

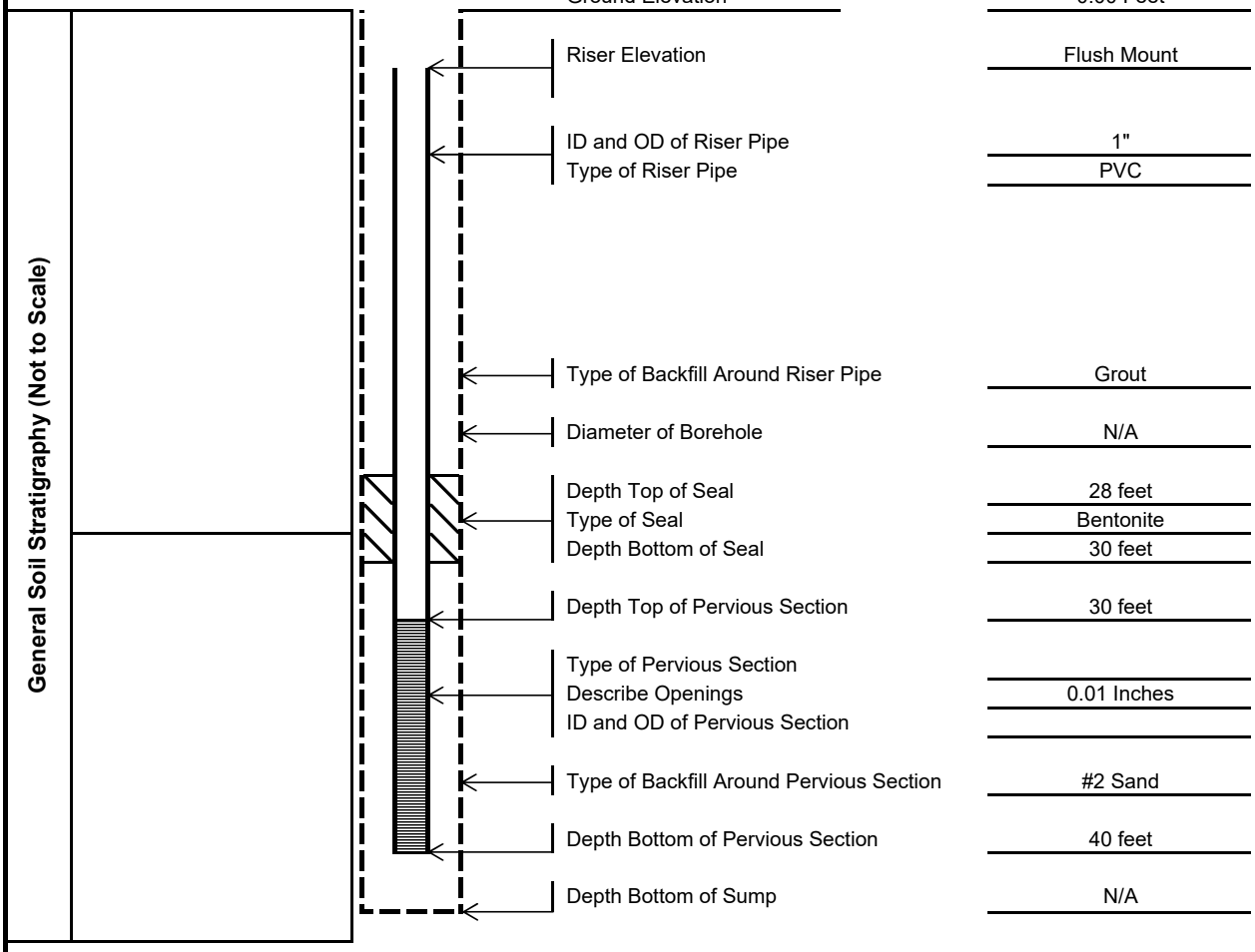
# Well Decommisioning Record

# HHMW-17S2

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-17S2 |
| **LOCATION** | Southeast Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 1" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 28 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 30 feet |
| Depth Top of Pervious Section | 30 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 40 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 40 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 40 feet |
| Interval Grouted (ft bgs): | 0.00'-40' |

**NOTES:**
Final top off tomorrow AM coastal prepared 3 loads which was pumped into each well decomissioned on 6/2/25. Settling was allowed between applications.

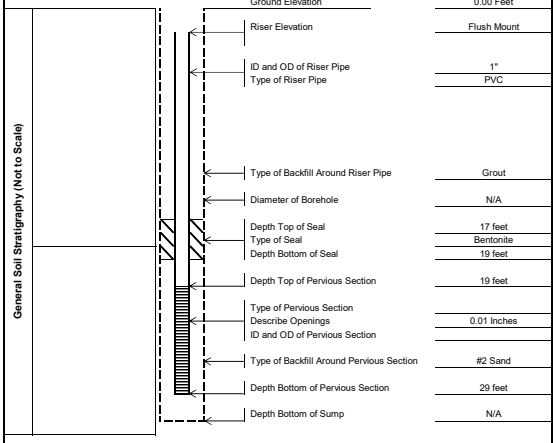
GEI Consultants

## Well Decommisioning Record

## HHMW-18S2

| | | | |
|---|---|---|---|
| **PROJECT** | Halesite Former MGP Site | **PROJECT NO.** | 1905774 |
| **LOCATION** | Halesite, New York | **BORING NO.** | HHMW-18S2 |
| **CLIENT** | National Grid | **LOCATION** | Northeast Side |
| **CONTRACTOR** | Coastal | **NORTHING** | N/A |
| **DRILLER** | Brendan | **EASTING** | N/A |
| **GEI REP.** | Russ Morang | **REMOVAL DATE** | 6/2/2025 |

**Survey Datum:** Vertical: Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 1" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 17 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 19 feet |
| Depth Top of Pervious Section | 19 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 29 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 29 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 29 feet |
| Interval Grouted (ft bgs): | 0.50'-29.0' |

**NOTES:**
Final topoff tomorrow AM. Coastal prepared 3 loads which was pumped into each well decomissioned on 6/2/25. Settling was allowed between applications.

GEI Consultants

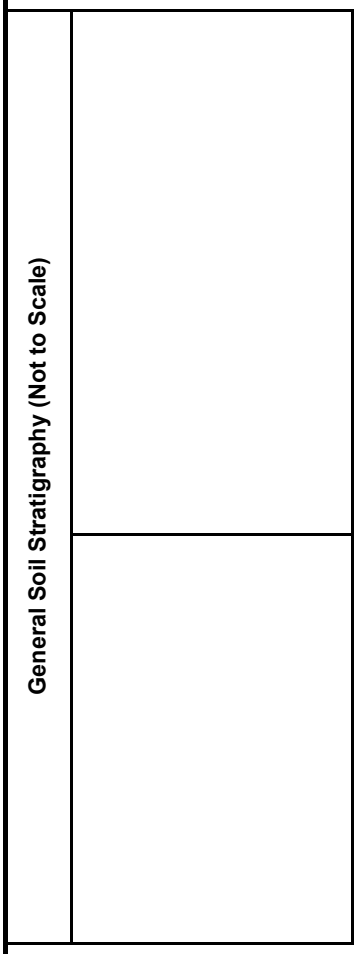
# Well Decommisioning Record

# HHMW-21S1

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-21S1 |
| **LOCATION** | Southwest Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/4/2025 |

**Survey Datum:** Vertical:
Horizontal:




| | |
|---|---|
| Ground Elevation | 0.00 Feet |
| Riser Elevation | Flush Mount |
| ID and OD of Riser Pipe | 1" |
| Type of Riser Pipe | PVC |
| Type of Backfill Around Riser Pipe | Grout |
| Diameter of Borehole | N/A |
| Depth Top of Seal | 1 feet |
| Type of Seal | Bentonite |
| Depth Bottom of Seal | 3 feet |
| Depth Top of Pervious Section | 3 feet |
| Type of Pervious Section | |
| Describe Openings | 0.01 Inches |
| ID and OD of Pervious Section | |
| Type of Backfill Around Pervious Section | #2 Sand |
| Depth Bottom of Pervious Section | 8 feet |
| Depth Bottom of Sump | N/A |

**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 8 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 8 feet |
| Interval Grouted (ft bgs): | 0.2'-8.0' |

**NOTES:**
Final top off tomorrow AM coastal prepared 2 loads of grout and pumped into each well decomissioned on 6/4/25. Settling was allowed between applications.

GEI Consultants

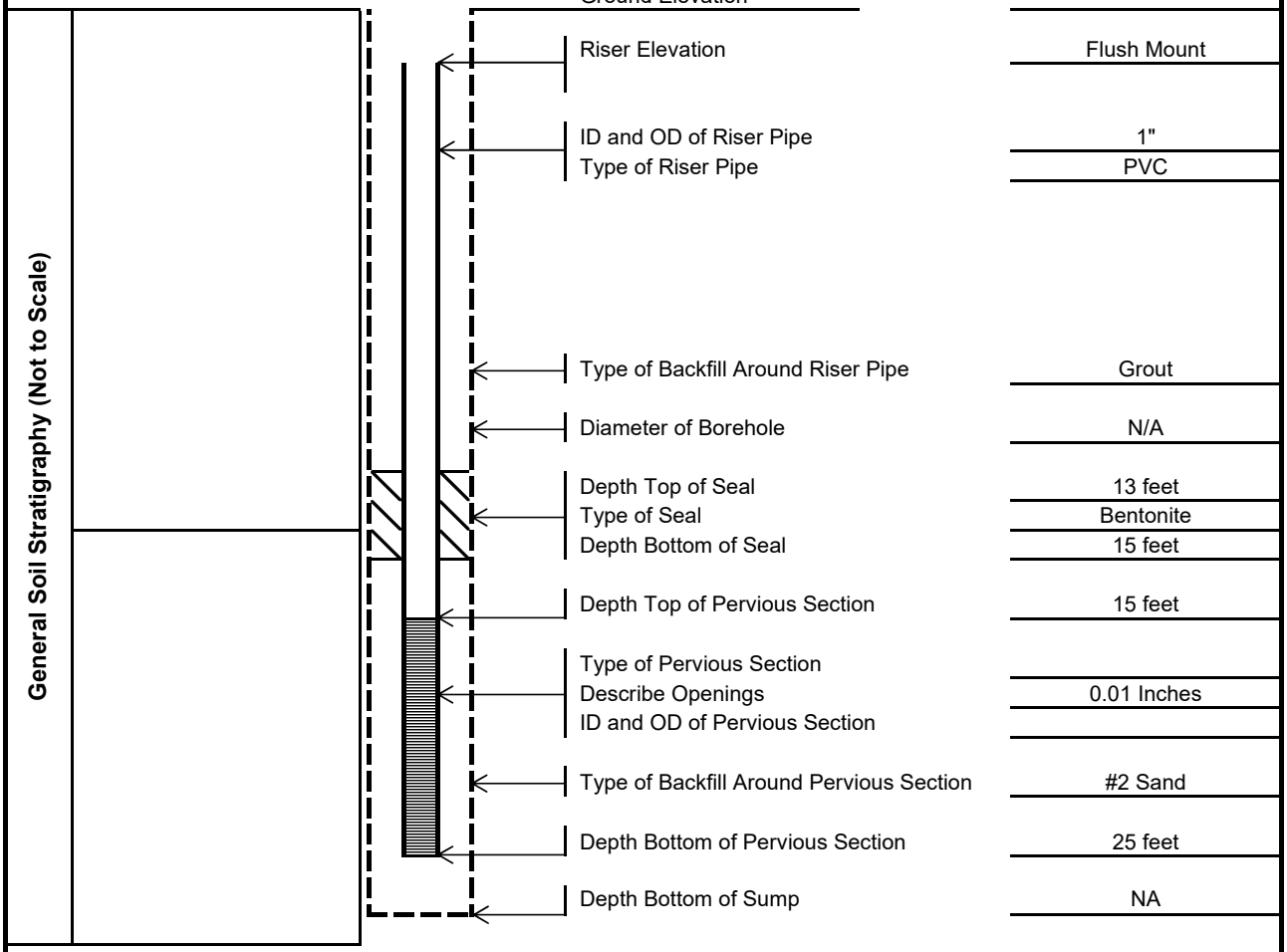
# Well Decommisioning Record

# HHMW-21S2

| | |
|---|---|
| **PROJECT** | Halesite Former MGP Site |
| **LOCATION** | Halesite, New York |
| **CLIENT** | National Grid |
| **CONTRACTOR** | Coastal |
| **DRILLER** | Brandon |
| **GEI REP.** | Russ Morang |

| | |
|---|---|
| **PROJECT NO.** | 1905774 |
| **BORING NO.** | HHMW-21S2 |
| **LOCATION** | Southwest Side |
| **NORTHING** | N/A |
| **EASTING** | N/A |
| **REMOVAL DATE** | 6/4/2025 |

**Survey Datum:** Vertical:
Horizontal:




**Decommissioning Data**

| | |
|---|---|
| Method: | Pressure grouted |
| Casing Retrieved (ft): | Surface casing |
| Casing Left in Hole (ft): | 25 feet |
| Equipment: | Tremie Pipe |
| Measured Total Depth (ft): | 25 feet |
| Interval Grouted (ft bgs): | 0.2'-25' |

**NOTES:**
Final top off tomorrow AM. Coastal prepared 2 loads of grout for each of the decomissioned wells on 6/4/2025. Settling allowed between applications.

GEI Consultants

# Recovery Well Redevelopment

**Project:** National Grid - ~~Bay Shore~~ Halesite - **Well ID:** RW-3 **Sample Date:** 6/19/20

**Total Well Depth (Field Recording)** 13.70'

**Total Well Depth (On Tracking Sheet)**

**Depth to Water (from top of casing):** 7.99'

**Well Diameter:** 6"

**Pump Intake Depth (Mid-Point of Screen Zone):**

**Sampling Crew:** Deanna Iannotta

**Purge Time:** Start: 1125 Finish: 1140

**Purging Method:** Submersible Pump

**Sampling Method:** NA

**Sample Time:** Start: Finish:

**Sample Analysis:** NA

**Purge Data**

| Sample Time | Flow Rate (lpm/gpm) | Volume Purged (liters/gals.) | pH (std. Units) | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/l) | Temperature (Cel.) | Salinity (%) | ORP (mV) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| 1125 | 0.4 | Initial | 7.21 | 0.856 | 489 | 10.74 | 18.38 | 0.3 | 185 | Brown |
| 1130 | 0.4 | 2 | 7.74 | 0.691 | 380 | 4.26 | 17.55 | 0.2 | 159 | clear |
| 1135 | 0.4 | 4 | 7.73 | 0.692 | 148 | 4.74 | 16.44 | 0.2 | 173 | clear - 1gal |
| 1140 | 0.4 | 6 | 7.56 | 0.732 | 46.7 | 5.55 | 16.02 | 0.2 | 184 | clear - 1.5gal total |
| | 0.4 | 8 | | | | | | | | |
| | 0.4 | 10 | | | | | | | | Final DTW: 8.24' |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

# Recovery Well Redevelopment

**Project:** National Grid - Bayshore - **Well ID:** RW-4 **Sample Date:** 6/19/25

**Total Well Depth (from top of casing):** 13.10 **Total Well Depth (From Well Log):**

**Depth to Water (from top of casing):** 7.70'

**Well Diameter:** 6"

**Pump Intake Depth (Mid-Point of Screen Zone):**

**Sampling Crew:** Deanna Iannotta

**Purge Time:** Start: 1030 Finish:

**Purging Method:** Submersible Pump

**Sample Time:** Start: Finish:

**Sampling Method:** NA

**Sample Analysis:** NA

**Purge Data**

| Sample Time | Depth to Water* (ft) | Flow Rate (lpm/gpm) | Volume Purged (liters/gals.) | pH (std. Units) | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/l) | Temp. (Cel.) | Salinity (%) | ORP (mV) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1030 | 7.70' | 0.4 | Initial | 8.60 | 0.194 | 247 | 3.92 | 70.55 | 0.0 | 199 | Dark brown - 5 gal |
| 1035 | [redacted] | 0.4 | 2 | | | | | | | | |
| 1040 | | 0.4 | 4 | | | | | | | | |
| 1045 | | 0.4 | 6 | | | took | break | due | to | heat. | |
| 1050 | | 0.4 | 8 | | | | | | | | [redacted] |
| 1055 | | 0.4 | 10 | | | | | | | | |
| 1100 | | | | | | | | | | | |
| 1105 | | | | | | | | | | | |
| 1110 | 9.05 | | | 8.05 | 0.168 | 37.6 | 4.09 | 18.80 | 00 | 118 | Clear |
| 1115 | | | | | | | | | | | 15 gal total |
| 1120 | | | | | | | | | | | |
| 1125 | | | | | | | | | | | |

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

# Recovery Well Redevelopment

**Project:** National Grid - ~~Bayshore~~ Halesite.

**Well ID:** RW-55

**Sample Date:** 6/19/25

**Total Well Depth (from top of casing):** 14.90'

**Total Well Depth (From Well Log):**

**Depth to Water (from top of casing):** 10.80'

**Well Diameter:** 6"

**Pump Intake Depth (Mid-Point of Screen Zone):**

**Sampling Crew:** Deanna Iannotta

**Purge Time:** *Start:* 1015 *Finish:*

**Purging Method:** Submersible Pump

**Sampling Method:** NA

**Sample Time:** *Start:* *Finish:*

**Sample Analysis:** NA

**Purge Data**

| Sample Time | Depth to Water* (ft) | Flow Rate (lpm/gpm) | Volume Purged (liters/gals.) | pH (std. Units) | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/l) | Temp. (Cel.) | Salinity (%) | ORP (mV) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1015 | 10.80 | 0.4 | Initial | 8.37 | 0.479 | 461 | 18.25 | 0.1 | 0.1 | 209 | clear brown - 12gal |
| 1020 | 7.59 | 0.4 | 2 | 8.25 | 0.486 | 650 | 18.36 | 10.45 | 0.1 | 263 | clear |
| 1025 | 7.59 | 0.4 | 4 | 8.13 | 0.479 | 70.7 | 4.00 | 10.44 | 0.1 | 257 | clear |
| 1030 | | 0.4 | 6 | | | | | | | | |
| | | 0.4 | 8 | | | | | | | | 25gal total |
| | | 0.4 | 10 | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

# Recovery Well Redevelopment

**Project:** Halesite National Grid - ~~Bayshore~~ - **Well ID:** RW-6 **Sample Date:** 6/19/25

**Total Well Depth (from top of casing):** 9.40' **Total Well Depth (From Well Log):**

**Depth to Water (from top of casing):** 4.10'

**Well Diameter:** 6"

**Pump Intake Depth (Mid-Point of Screen Zone):**

**Sampling Crew:** Deanna Iannotta

**Purge Time:** *Start:* 0955 *Finish:* 1010

**Purging Method:** Submersible Pump

**Sample Time:** *Start:* *Finish:*

**Sampling Method:** NA

**Sample Analysis:** NA

**Purge Data**

| Sample Time | Depth to Water* (ft) | Flow Rate (lpm/gpm) | Volume Purged (liters/gals.) | pH (std. Units) | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/l) | Temp. (Cel.) | Salinity (%) | ORP (mV) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0955 | 4.10' | 0.4 | Initial | 7.52 | 0.592 | 800 | 9.00 | 17.77 | 0.3 | 289 | clear brown - 1.5gal |
| 1000 | 6.80' | 0.4 | 2 | 7.50 | 0.500 | 230 | 9.05 | 17.50 | 0.3 | 290 | clear brown |
| 1005 | | 0.4 | 4 | 7.50 | 0.603 | 50.1 | 9.05 | 17.55 | 0.3 | 301 | clear |
| 1010 | | 0.4 | 6 | 7.49 | 0.600 | 0.0 | 9.10 | 17.59 | 0.3 | 301 | 20gal total |
| | | 0.4 | 8 | | | | | | | | |
| | | 0.4 | 10 | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

# Recovery Well Redevelopment

**Project:** Halesite — National Grid - ~~Bayshore~~ - **Well ID:** RW-7 **Sample Date:** 6/19/25

**Total Well Depth (from top of casing):** 14.25' **Total Well Depth (From Well Log):**

**Depth to Water (from top of casing):** 7.60'

**Well Diameter:** 6"

**Pump Intake Depth (Mid-Point of Screen Zone):**

**Sampling Crew:** Deanna Iannotta

**Purge Time:** *Start:* 0925 *Finish:*

**Purging Method:** Submersible Pump

**Sample Time:** *Start:* *Finish:*

**Sampling Method:** NA

**Sample Analysis:** NA

**Purge Data**

| Sample Time | Depth to Water* (ft) | Flow Rate (lpm/gpm) | Volume Purged (liters/gals.) | pH (std. Units) | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/l) | Temp. (Cel.) | Salinity (%) | ORP (mV) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0925 | 7.60' | 0.4 | Initial | 7.80 | 0.272 | 800 | 11.22 | 15.35 | 0.1 | 322 | Dark brown - 8gal |
| 0930 | 7.63' | 0.4 | 2 | 7.19 | 0.238 | 760 | 13.06 | 15.09 | 0.1 | 269 | clear ish brown - 12gal |
| 0935 | | 0.4 | 4 | 7.25 | 0.270 | 361 | 13.00 | 15.06 | 0.1 | 269 | clear - 17gal |
| 0940 | 7.65' | 0.4 | 6 | 7.22 | 0.270 | 290 | 12.21 | 14.55 | 0.1 | 281 | clear - 22gal |
| 0945 | 7.65' | 0.4 | 8 | 7.37 | 0.275 | 70.0 | 15.99 | 16.02 | 0.1 | 325 | clear - |
| | | 0.4 | 10 | | | | | | | | |
| | | | | | | | | | | | 25gal total |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

# Recovery Well Redevelopment

**Project:** National Grid - ~~Bayshore~~ Halesite - **Well ID:** RW-8 **Sample Date:** 6/19/25

**Total Well Depth (from top of casing):** 13.10' **Total Well Depth (From Well Log):** 13.00'

**Depth to Water (from top of casing):** 8.69'

**Well Diameter:** 6"

**Pump Intake Depth (Mid-Point of Screen Zone):**

**Sampling Crew:** Deanna Iannotta

**Purge Time:** Start: 0900 Finish: 0920

**Purging Method:** Submersible Pump

**Sample Time:** Start: Finish:

**Sampling Method:** NA

**Sample Analysis:** NA

**Purge Data**

| Sample Time | Depth to Water* (ft) | Flow Rate (lpm/gpm) | Volume Purged (liters/gals.) | pH (std. Units) | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/l) | Temp. (Cel.) | Salinity (%) | ORP (mV) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0910 | 12.50' | 0.4 | Initial | 7.04 | 0.216 | 265 | ~~0.280~~ | 18.43 | 0.1 | 263 | DTW-12.50' |
| 0915 | 11.90' | 0.4 | 2 | 7.34 | 0.217 | 58.9 | 6.105 | 18.54 | 0.1 | 272 | 11.90' |
| 0920 | 12.00' | 0.4 | 4 | 7.30 | 0.217 | 10.8 | 6.77 | 18.97 | 0.1 | 301 | 12.00' - clear. |
| | | 0.4 | 6 | | | | | | | | |
| | | 0.4 | 8 | | | | | | | | |
| | | 0.4 | 10 | | | | | | | | 5gal total |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

# Recovery Well Redevelopment

**Project:** National Grid - ~~Bay Shore~~ Halesite. **Well ID:** RW-9S **Sample Date:** 6/19/25

**Total Well Depth (Field Recording)** 12.10'

**Total Well Depth (On Tracking Sheet)**

**Well Diameter:** 6"

**Sampling Crew:** Deanna Iannotta

**Purging Method:**

**Sampling Method:** NA

**Sample Analysis:** NA

**Depth to Water (from top of casing):** 10.51'

**Pump Intake Depth (Mid-Point of Screen Zone):**

**Purge Time:** *Start:* *Finish:*

**Sample Time:** *Start:* *Finish:*

**Purge Data**

| Sample Time | Flow Rate (lpm/gpm) | Volume Purged (liters/gals.) | pH (std. Units) | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/l) | Temperature (Cel.) | Salinity (%) | ORP (mV) | Comments/Observations |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.4 | Initial | | | | | | | | |
| | 0.4 | 2 | | Not enough water in well for | | | | | | |
| | 0.4 | 4 | | surge block to pick up water. | | | | | | |
| | 0.4 | 6 | | | | | | | | |
| | 0.4 | 8 | | well not developed. | | | | | | |
| | 0.4 | 10 | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

# Appendix B Oxygen Injection System OM&M Data

| | Operational Days | | Oxygen Injected Per Month |
|---|---|---|---|
| Month 1 | October | 31 | 768 |
| Month 2 | November | 30 | 791 |
| Month 3 | December | 31 | 1233 |

| | | |
|---|---|---|
| Total Operational Days Oct. - Dec. 2024 | 92 | |
| Total Oxygen injected during this period (lbs) | | 2,792 |
| Weight of Oxygen Injected through Q3 2024 (lbs) | | 602,196 |
| Running total of Injected Oxygen (lbs) | | 604,988 |

**Notes:**
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure.
n = PV/RT = Mass of Oxygen (lbs)
Temperature = Degrees Rankine
R = Individual Gas Constant = 48.24 ft/T
1 lb-mole of oxygen=32 lbm

**System Operating Specs**
Total of 6 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each Injection bank operates for 4 injection cycles per day
Each injection point injects oxygen for 52 min per day (13 min per cycle * 4 Cycles)

**Example**
Bank 1 starts at 7AM

Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 Finishes injection at 1013AM
System is recharging from 1013AM to 1100PM
Bank 5 starts injection at 1100AM

Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 6 starts injection at 1200PM
System is recharging from 1213PM to 100PM
(Keep repeating cycle for course of day)

| | | | 10/7/2024 | | | | | | 11/19/2024 | | | | | | 12\23\2024 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | O2% | 38.1 | | | | | | 40.7 | | | | | | 62.4 | | | | | |
| | | R | 48.24 | | | | | | 48.24 | | | | | | 48.24 | | | | | |
| | | Temp R (T) | 611.67 | | | | | | 604.67 | | | | | | 615.67 | | | | | |
| | | System Hours | N/A | | | | | | N/A | | | | | | N/A | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 1 | Point 1D | 32 | 32 | 16.184 | 14.027 | 8.0 | 22.7 | 0.592 | 32 | 16.005 | 13.871 | 7.5 | 22.2 | 0.619 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 1 | 24 | 32 | 15.267 | 13.232 | 5.5 | 20.2 | 0.497 | 32 | 15.267 | 13.232 | 5.5 | 20.2 | 0.537 | 30 | 14.489 | 12.557 | 6.0 | 20.7 | 0.786 |
| | Point 2D | 27 | 32 | 16.362 | 14.180 | 8.5 | 23.2 | 0.612 | 30 | 15.339 | 13.294 | 8.5 | 23.2 | 0.620 | 32 | 16.362 | 14.180 | 8.5 | 23.2 | 0.995 |
| | Point 2 | 20 | 34 | 16.019 | 13.884 | 5.0 | 19.7 | 0.509 | 32 | 15.077 | 13.067 | 5.0 | 19.7 | 0.517 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | Point 3D | 30 | 34 | 17.384 | 15.066 | 8.5 | 23.2 | 0.650 | 30 | 15.339 | 13.294 | 8.5 | 23.2 | 0.620 | 34 | 17.384 | 15.066 | 8.5 | 23.2 | 1.058 |
| | Point 3 | 23 | 33 | 15.548 | 13.475 | 5.0 | 19.7 | 0.494 | 34 | 16.019 | 13.884 | 5.0 | 19.7 | 0.550 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | Point 4D | 30 | 33 | 16.690 | 14.465 | 8.0 | 22.7 | 0.611 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.600 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 4 | 23 | 32 | 15.077 | 13.067 | 5.0 | 19.7 | 0.479 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.485 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | **Total Oxygen Injected per Day (lbs)** | | **4.442** | | | | | | **4.547** | | | | | | **6.836** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 2 | Point 5 | 23 | 32 | 15.077 | 13.067 | 5.0 | 19.7 | 0.479 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.485 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | Point 5D | 30 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.555 | 30 | 15.339 | 13.294 | 8.5 | 23.2 | 0.620 | 30 | 15.339 | 13.294 | 8.5 | 23.2 | 0.933 |
| | Point 6D | 29 | 34 | 17.006 | 14.738 | 7.5 | 22.2 | 0.608 | 32 | 16.005 | 13.871 | 7.5 | 22.2 | 0.619 | 30 | 15.005 | 13.004 | 7.5 | 22.2 | 0.873 |
| | Point 6 | 22 | 33 | 15.350 | 13.303 | 4.5 | 19.2 | 0.475 | 32 | 14.885 | 12.900 | 4.5 | 19.2 | 0.498 | 32 | 14.885 | 12.900 | 4.5 | 19.2 | 0.749 |
| | Point 7D | 28 | 31 | 15.850 | 13.737 | 8.5 | 23.2 | 0.593 | 32 | 16.362 | 14.180 | 8.5 | 23.2 | 0.661 | 32 | 16.537 | 14.332 | 9.0 | 23.7 | 1.028 |
| | Point 7 | 22 | 32 | 14.885 | 12.900 | 4.5 | 19.2 | 0.461 | 32 | 14.885 | 12.900 | 4.5 | 19.2 | 0.498 | 32 | 15.077 | 13.067 | 5.0 | 19.7 | 0.779 |
| | Point 8D | 30 | 35 | 17.896 | 15.510 | 8.5 | 23.2 | 0.669 | 36 | 18.407 | 15.953 | 8.5 | 23.2 | 0.744 | 30 | 15.504 | 13.436 | 9.0 | 23.7 | 0.963 |
| | Point 8 | 22 | 32 | 15.077 | 13.067 | 5.0 | 19.7 | 0.479 | 32 | 15.077 | 13.067 | 5.0 | 19.7 | 0.517 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | **Total Oxygen Injected per Day (lbs)** | | **4.318** | | | | | | **4.640** | | | | | | **6.786** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 3 | Point 9D | 30 | 20 | 10.336 | 8.958 | 9.0 | 23.7 | 0.395 | 26 | 13.004 | 11.270 | 7.5 | 22.2 | 0.503 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 9 | 21 | 34 | 15.815 | 13.706 | 4.5 | 19.2 | 0.489 | 32 | 14.885 | 12.900 | 4.5 | 19.2 | 0.498 | 28 | 13.024 | 11.287 | 4.5 | 19.2 | 0.656 |
| | Point 10 | 22 | 31 | 14.419 | 12.497 | 4.5 | 19.2 | 0.446 | 30 | 13.954 | 12.094 | 4.5 | 19.2 | 0.467 | 28 | 13.024 | 11.287 | 4.5 | 19.2 | 0.656 |
| | Point 10D | 30 | 32 | 16.184 | 14.027 | 8.0 | 22.7 | 0.592 | 30 | 15.005 | 13.004 | 7.5 | 22.2 | 0.580 | 30 | 15.005 | 13.004 | 7.5 | 22.2 | 0.873 |
| | Point 11D | 25 | 30 | 15.005 | 13.004 | 7.5 | 22.2 | 0.537 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.600 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 11 | 17 | 33 | 15.149 | 13.129 | 4.0 | 18.7 | 0.456 | 32 | 14.689 | 12.731 | 4.0 | 18.7 | 0.478 | 30 | 13.771 | 11.935 | 4.0 | 18.7 | 0.675 |
| | Point 12D | 24 | 32 | 16.005 | 13.871 | 7.5 | 22.2 | 0.573 | 32 | 16.005 | 13.871 | 7.5 | 22.2 | 0.619 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 12 | 16 | 30 | 13.954 | 12.094 | 4.5 | 19.2 | 0.432 | 30 | 13.954 | 12.094 | 4.5 | 19.2 | 0.467 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | **Total Oxygen Injected per Day (lbs)** | | **3.920** | | | | | | **4.210** | | | | | | **6.299** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 4 | Point 13D | 23 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.555 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.600 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 13 | 16 | 27 | 12.721 | 11.025 | 5.0 | 19.7 | 0.404 | 28 | 13.192 | 11.433 | 5.0 | 19.7 | 0.453 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | Point 14 | 15 | 45 | 21.734 | 18.836 | 6.0 | 20.7 | 0.725 | 44 | 20.992 | 18.193 | 5.5 | 20.2 | 0.738 | 45 | 21.470 | 18.607 | 5.5 | 20.2 | 1.137 |
| | Point 14D | 20 | 28 | 14.161 | 12.273 | 8.0 | 22.7 | 0.518 | 28 | 14.161 | 12.273 | 8.0 | 22.7 | 0.560 | 25 | 12.644 | 10.958 | 8.0 | 22.7 | 0.753 |
| | Point 15D | 19 | 27 | 13.351 | 11.571 | 7.0 | 21.7 | 0.467 | 28 | 13.846 | 12.000 | 7.0 | 21.7 | 0.523 | 30 | 14.835 | 12.857 | 7.0 | 21.7 | 0.844 |
| | Point 15 | 14 | 47 | 22.700 | 19.673 | 6.0 | 20.7 | 0.757 | 44 | 21.251 | 18.417 | 6.0 | 20.7 | 0.766 | 45 | 21.734 | 18.836 | 6.0 | 20.7 | 1.180 |
| | - | - | - | - | - | - | - | - | - | - | - | . | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | **Total Oxygen Injected per Day (lbs)** | | **3.426** | | | | | | **3.640** | | | | | | **5.547** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 5 | Point 16D | 14 | 30 | 15.827 | 13.717 | 10.0 | 24.7 | 0.630 | 30 | 15.666 | 13.577 | 9.5 | 24.2 | 0.660 | 30 | 15.666 | 13.577 | 9.5 | 24.2 | 0.994 |
| | Point 16 | 8 | 48 | 21.738 | 18.839 | 3.5 | 18.2 | 0.638 | 46 | 20.832 | 18.054 | 3.5 | 18.2 | 0.660 | 46 | 21.116 | 18.301 | 4.0 | 18.7 | 1.035 |
| | Point 17 | 13 | 42 | 19.536 | 16.931 | 4.5 | 19.2 | 0.604 | 42 | 19.536 | 16.931 | 4.5 | 19.2 | 0.653 | 44 | 20.731 | 17.967 | 5.0 | 19.7 | 1.071 |
| | Point 17D | 18 | 29 | 14.505 | 12.571 | 7.5 | 22.2 | 0.519 | 30 | 15.005 | 13.004 | 7.5 | 22.2 | 0.580 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 18D | 25 | 32 | 16.184 | 14.027 | 8.0 | 22.7 | 0.592 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.600 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 18 | 19 | 50 | 23.257 | 20.156 | 4.5 | 19.2 | 0.720 | 48 | 22.327 | 19.350 | 4.5 | 19.2 | 0.746 | 50 | 23.558 | 20.417 | 5.0 | 19.7 | 1.217 |
| | Point 19 | 19 | 47 | 22.145 | 19.192 | 5.0 | 19.7 | 0.703 | 48 | 22.616 | 19.600 | 5.0 | 19.7 | 0.776 | 45 | 21.202 | 18.375 | 5.0 | 19.7 | 1.095 |
| | Point 19D | 25 | 30 | 14.835 | 12.857 | 7.0 | 21.7 | 0.519 | 30 | 14.835 | 12.857 | 7.0 | 21.7 | 0.561 | 30 | 14.835 | 12.857 | 7.0 | 21.7 | 0.844 |
| | **Total Oxygen Injected per Day (lbs)** | | **4.924** | | | | | | **5.236** | | | | | | **8.063** | | | | | |
| | | Depth | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 6 | Point 20D | 25 | 30 | 15.005 | 13.004 | 7.5 | 22.2 | 0.537 | 30 | 15.005 | 13.004 | 7.5 | 22.2 | 0.580 | 30 | 15.005 | 13.004 | 7.5 | 22.2 | 0.873 |
| | Point 20 | 19 | 48 | 22.327 | 19.350 | 4.5 | 19.2 | 0.691 | 48 | 22.616 | 19.600 | 5.0 | 19.7 | 0.776 | 50 | 24.149 | 20.929 | 6.0 | 20.7 | 1.311 |
| | Point 21 | 20 | 31 | 14.606 | 12.659 | 5.0 | 19.7 | 0.464 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.485 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | Point 21D | 29 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.555 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.600 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 22 | 22 | 28 | 13.192 | 11.433 | 5.0 | 19.7 | 0.419 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.485 | 30 | 14.135 | 12.250 | 5.0 | 19.7 | 0.730 |
| | Point 22D | 28 | 34 | 17.196 | 14.903 | 8.0 | 22.7 | 0.629 | 32 | 16.184 | 14.027 | 8.0 | 22.7 | 0.640 | 30 | 15.173 | 13.150 | 8.0 | 22.7 | 0.903 |
| | Point 23 | 18 | 30 | 14.313 | 12.405 | 5.5 | 20.2 | 0.466 | 30 | 14.489 | 12.557 | 6.0 | 20.7 | 0.522 | 30 | 14.489 | 12.557 | 6.0 | 20.7 | 0.786 |
| | Point 23D | 29 | 30 | 15.504 | 13.436 | 9.0 | 23.7 | 0.592 | 30 | 15.504 | 13.436 | 9.0 | 23.7 | 0.640 | 30 | 15.504 | 13.436 | 9.0 | 23.7 | 0.963 |
| | **Total Oxygen Injected per Day (lbs)** | | **3.760** | | | | | | **4.087** | | | | | | **6.237** | | | | | |
| | **System Total Per Day (lbs)** | | **24.79** | | | | | | **26.36** | | | | | | **39.77** | | | | | |

| | Operational Days | | Oxygen Injected Per Month |
|---|---|---|---|
| Month 1 | January | 31 | 2592 |
| Month 2 | February | 23 | 2019 |
| Month 3 | March | 31 | 1977 |

| | | |
|---|---|---|
| Total Operational Days Jan. - Mar. 2025 | 85 | |
| Total Oxygen injected during this period (lbs) | | 6,588 |
| Weight of Oxygen Injected through Q4 2024 (lbs) | | 604,988 |
| Running total of Injected Oxygen (lbs) | | 611,576 |

**Notes:**
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure.
n = PV/RT = Mass of Oxygen (lbs)
Temperature = Degrees Rankine
R = Individual Gas Constant = 48.24 ft/T
1 lb-mole of oxygen=32 lbm

**System Operating Specs**
Total of 6 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each Injection bank operates for 4 injection cycles per day
Each injection point injects oxygen for 52 min per day (13 min per cycle * 4 Cycles)

**Example**
Bank 1 starts at 7AM

Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 Finishes injection at 1013AM
System is recharging from 1013AM to 1100PM
Bank 5 starts injection at 1100AM

Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 6 starts injection at 1200PM
System is recharging from 1213PM to 100PM
(Keep repeating cycle for course of day)

| | | | 1/29/2025 | | | | | | 2/25/2025 | | | | | | 3/27/2025 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | O2% | 66.2 | | | | | | 70.0 | | | | | | 53.0 | | | | | |
| | | R | 48.24 | | | | | | 48.24 | | | | | | 48.24 | | | | | |
| | | Temp R (T) | 617.67 | | | | | | 615.67 | | | | | | 621.67 | | | | | |
| | | System Hours | 699 | | | | | | 766 | | | | | | 1108 | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 1 | Point 1D | 32 | 35 | 30.108 | 26.094 | 7.5 | 19.7 | 1.645 | 28 | 24.087 | 20.875 | 7.5 | 22.2 | 1.573 | 32 | 27.527 | 23.857 | 7.5 | 22.2 | 1.348 |
| | Point 1 | 24 | 30 | 24.310 | 21.069 | 5.0 | 19.7 | 1.328 | 30 | 24.310 | 21.069 | 5.0 | 19.7 | 1.409 | 28 | 22.690 | 19.664 | 5.0 | 19.7 | 0.986 |
| | Point 2D | 27 | 30 | 26.096 | 22.617 | 8.0 | 22.7 | 1.643 | 30 | 26.096 | 22.617 | 8.0 | 22.7 | 1.742 | 27 | 23.744 | 20.578 | 8.5 | 23.2 | 1.215 |
| | Point 2 | 20 | 34 | 27.552 | 23.878 | 5.0 | 19.7 | 1.505 | 28 | 22.690 | 19.664 | 5.0 | 19.7 | 1.315 | 31 | 25.121 | 21.771 | 5.0 | 19.7 | 1.091 |
| | Point 3D | 30 | 37 | 32.538 | 28.199 | 8.5 | 23.2 | 2.093 | 25 | 21.985 | 19.054 | 8.5 | 23.2 | 1.500 | 30 | 26.382 | 22.864 | 8.5 | 23.2 | 1.350 |
| | Point 3 | 23 | 37 | 29.983 | 25.985 | 5.0 | 19.7 | 1.638 | 25 | 20.259 | 17.558 | 5.0 | 19.7 | 1.174 | 29 | 23.500 | 20.367 | 5.0 | 19.7 | 1.021 |
| | Point 4D | 30 | 40 | 34.409 | 29.821 | 7.5 | 22.2 | 2.118 | 28 | 24.087 | 20.875 | 7.5 | 22.2 | 1.573 | 30 | 25.807 | 22.366 | 7.5 | 22.2 | 1.264 |
| | Point 4 | 23 | 35 | 28.362 | 24.581 | 5.0 | 19.7 | 1.549 | 29 | 23.500 | 20.367 | 5.0 | 19.7 | 1.362 | 30 | 24.310 | 21.069 | 5.0 | 19.7 | 1.056 |
| | **Total Oxygen Injected per Day (lbs)** | | **13.518** | | | | | | **11.648** | | | | | | **9.331** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 2 | Point 5 | 23 | 30 | 24.000 | 20.800 | 4.5 | 19.2 | 1.278 | 30 | 24.000 | 20.800 | 4.5 | 19.2 | 1.355 | 52 | 41.600 | 36.053 | 4.5 | 19.2 | 1.762 |
| | Point 5D | 30 | 36 | 31.315 | 27.140 | 8.0 | 22.7 | 1.971 | 30 | 26.096 | 22.617 | 8.0 | 22.7 | 1.742 | 30 | 26.096 | 22.617 | 8.0 | 22.7 | 1.307 |
| | Point 6D | 29 | 33 | 28.066 | 24.324 | 7.0 | 21.7 | 1.689 | 31 | 26.365 | 22.850 | 7.0 | 21.7 | 1.683 | 28 | 23.814 | 20.639 | 7.0 | 21.7 | 1.140 |
| | Point 6 | 22 | 34 | 26.843 | 23.264 | 4.0 | 18.7 | 1.392 | 26 | 20.527 | 17.790 | 4.0 | 18.7 | 1.129 | 30 | 23.685 | 20.527 | 4.0 | 18.7 | 0.977 |
| | Point 7D | 28 | 35 | 30.445 | 26.386 | 8.0 | 22.7 | 1.916 | 25 | 21.747 | 18.847 | 8.0 | 22.7 | 1.452 | 28 | 24.356 | 21.109 | 8.0 | 22.7 | 1.219 |
| | Point 7 | 22 | 32 | 25.264 | 21.896 | 4.0 | 18.7 | 1.310 | 30 | 23.685 | 20.527 | 4.0 | 18.7 | 1.303 | 29 | 22.896 | 19.843 | 4.0 | 18.7 | 0.944 |
| | Point 8D | 30 | 30 | 26.096 | 22.617 | 8.0 | 22.7 | 1.643 | 30 | 26.096 | 22.617 | 8.0 | 22.7 | 1.742 | 32 | 27.836 | 24.124 | 8.0 | 22.7 | 1.394 |
| | Point 8 | 22 | 34 | 27.200 | 23.573 | 4.5 | 19.2 | 1.448 | 26 | 20.800 | 18.027 | 4.5 | 19.2 | 1.175 | 32 | 25.600 | 22.187 | 4.5 | 19.2 | 1.084 |
| | **Total Oxygen Injected per Day (lbs)** | | **12.646** | | | | | | **11.582** | | | | | | **9.826** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 3 | Point 9D | 30 | 20 | 17.397 | 15.078 | 8.0 | 22.7 | 1.095 | 32 | 27.836 | 24.124 | 8.0 | 22.7 | 1.859 | 40 | 35.926 | 31.136 | 9.5 | 24.2 | 1.918 |
| | Point 9 | 21 | 35 | 28.000 | 24.267 | 4.5 | 19.2 | 1.491 | 32 | 25.600 | 22.187 | 4.5 | 19.2 | 1.446 | 40 | 31.581 | 27.370 | 4.0 | 18.7 | 1.303 |
| | Point 10 | 22 | 30 | 24.000 | 20.800 | 4.5 | 19.2 | 1.278 | 33 | 26.400 | 22.880 | 4.5 | 19.2 | 1.491 | 35 | 28.000 | 24.267 | 4.5 | 19.2 | 1.186 |
| | Point 10D | 30 | 32 | 27.527 | 23.857 | 7.5 | 22.2 | 1.694 | 30 | 25.807 | 22.366 | 7.5 | 22.2 | 1.685 | 38 | 33.417 | 28.961 | 8.5 | 23.2 | 1.710 |
| | Point 11D | 25 | 32 | 27.836 | 24.124 | 8.0 | 22.7 | 1.752 | 32 | 27.836 | 24.124 | 8.0 | 22.7 | 1.859 | 38 | 33.055 | 28.648 | 8.0 | 22.7 | 1.655 |
| | Point 11 | 17 | 34 | 26.843 | 23.264 | 4.0 | 18.7 | 1.392 | 32 | 25.264 | 21.896 | 4.0 | 18.7 | 1.390 | 40 | 31.581 | 27.370 | 4.0 | 18.7 | 1.303 |
| | Point 12D | 24 | 32 | 27.836 | 24.124 | 8.0 | 22.7 | 1.752 | 32 | 27.836 | 24.124 | 8.0 | 22.7 | 1.859 | 39 | 33.925 | 29.401 | 8.0 | 22.7 | 1.699 |
| | Point 12 | 16 | 30 | 24.310 | 21.069 | 5.0 | 19.7 | 1.328 | 30 | 24.310 | 21.069 | 5.0 | 19.7 | 1.409 | 40 | 32.000 | 27.733 | 4.5 | 19.2 | 1.355 |
| | **Total Oxygen Injected per Day (lbs)** | | **11.782** | | | | | | **12.996** | | | | | | **12.127** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 4 | Point 13D | 23 | 22 | 18.925 | 16.402 | 7.5 | 22.2 | 1.165 | 38 | 33.055 | 28.648 | 8.0 | 22.7 | 2.207 | 40 | 34.795 | 30.155 | 8.0 | 22.7 | 1.742 |
| | Point 13 | 16 | 26 | 20.800 | 18.027 | 4.5 | 19.2 | 1.107 | 39 | 31.200 | 27.040 | 4.5 | 19.2 | 1.762 | 40 | 32.000 | 27.733 | 4.5 | 19.2 | 1.355 |
| | Point 14 | 15 | 36 | 29.540 | 25.602 | 5.5 | 20.2 | 1.655 | 40 | 32.823 | 28.446 | 5.5 | 20.2 | 1.950 | 42 | 34.464 | 29.869 | 5.5 | 20.2 | 1.535 |
| | Point 14D | 20 | 28 | 24.087 | 20.875 | 7.5 | 22.2 | 1.483 | 35 | 30.108 | 26.094 | 7.5 | 22.2 | 1.966 | 40 | 34.409 | 29.821 | 7.5 | 22.2 | 1.685 |
| | Point 15D | 19 | 29 | 24.378 | 21.128 | 6.5 | 21.2 | 1.433 | 42 | 35.721 | 30.958 | 7.0 | 21.7 | 2.280 | 42 | 35.721 | 30.958 | 7.0 | 21.7 | 1.710 |
| | Point 15 | 14 | 36 | 29.540 | 25.602 | 5.5 | 20.2 | 1.655 | 36 | 29.540 | 25.602 | 5.5 | 20.2 | 1.755 | 40 | 32.823 | 28.446 | 5.5 | 20.2 | 1.462 |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | **Total Oxygen Injected per Day (lbs)** | | **8.497** | | | | | | **11.921** | | | | | | **9.489** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 5 | Point 16D | 14 | 35 | 31.435 | 27.244 | 9.5 | 24.2 | 2.109 | 40 | 35.926 | 31.136 | 9.5 | 24.2 | 2.557 | 38 | 34.130 | 29.579 | 9.5 | 24.2 | 1.822 |
| | Point 16 | 8 | 50 | 38.944 | 33.752 | 3.5 | 18.2 | 1.965 | 50 | 39.476 | 34.212 | 4.0 | 18.7 | 2.171 | 52 | 40.502 | 35.102 | 3.5 | 18.2 | 1.626 |
| | Point 17D | 13 | 45 | 35.528 | 30.791 | 4.0 | 18.7 | 1.842 | 50 | 40.000 | 34.667 | 4.5 | 19.2 | 2.259 | 48 | 38.400 | 33.280 | 4.5 | 19.2 | 1.626 |
| | Point 17 | 18 | 35 | 29.767 | 25.798 | 7.0 | 21.7 | 1.791 | 40 | 34.409 | 29.821 | 7.5 | 22.2 | 2.247 | 38 | 32.689 | 28.330 | 7.5 | 22.2 | 1.601 |
| | Point 18D | 25 | 32 | 27.216 | 23.587 | 7.0 | 21.7 | 1.638 | 38 | 32.689 | 28.330 | 7.5 | 22.2 | 2.135 | 32 | 27.527 | 23.857 | 7.5 | 22.2 | 1.348 |
| | Point 18 | 19 | 48 | 37.897 | 32.844 | 4.0 | 18.7 | 1.965 | 50 | 40.000 | 34.667 | 4.5 | 19.2 | 2.259 | 47 | 37.600 | 32.587 | 4.5 | 19.2 | 1.592 |
| | Point 19 | 19 | 50 | 40.000 | 34.667 | 4.5 | 19.2 | 2.129 | 50 | 40.517 | 35.115 | 5.0 | 19.7 | 2.348 | 52 | 41.600 | 36.053 | 4.5 | 19.2 | 1.762 |
| | Point 19D | 25 | 35 | 29.422 | 25.499 | 6.5 | 21.2 | 1.729 | 40 | 33.625 | 29.142 | 6.5 | 21.2 | 2.097 | 40 | 33.625 | 29.142 | 6.5 | 21.2 | 1.572 |
| | **Total Oxygen Injected per Day (lbs)** | | **15.169** | | | | | | **18.073** | | | | | | **12.948** | | | | | |
| | | Depth | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 6 | Point 20D | 25 | 20 | 17.010 | 14.742 | 7.0 | 21.7 | 1.023 | 60 | 51.029 | 44.225 | 7.0 | 21.7 | 3.257 | 40 | 34.020 | 29.484 | 7.0 | 21.7 | 1.628 |
| | Point 20 | 19 | 28 | 22.106 | 19.159 | 4.0 | 18.7 | 1.146 | 70 | 55.266 | 47.897 | 4.0 | 18.7 | 3.040 | 40 | 31.581 | 27.370 | 4.0 | 18.7 | 1.303 |
| | Point 21 | 20 | 18 | 14.586 | 12.641 | 5.0 | 19.7 | 0.797 | 50 | 40.517 | 35.115 | 5.0 | 19.7 | 2.348 | 36 | 29.173 | 25.283 | 5.0 | 19.7 | 1.268 |
| | Point 21D | 29 | 20 | 17.205 | 14.911 | 7.5 | 22.2 | 1.059 | 70 | 60.216 | 52.187 | 7.5 | 22.2 | 3.932 | 40 | 34.409 | 29.821 | 7.5 | 22.2 | 1.685 |
| | Point 22 | 22 | 18 | 14.400 | 12.480 | 4.5 | 19.2 | 0.767 | 52 | 41.600 | 36.053 | 4.5 | 19.2 | 2.349 | 40 | 32.000 | 27.733 | 4.5 | 19.2 | 1.355 |
| | Point 22D | 28 | 15 | 12.903 | 11.183 | 7.5 | 22.2 | 0.794 | 78 | 67.850 | 58.803 | 8.0 | 22.7 | 4.530 | 35 | 30.445 | 26.386 | 8.0 | 22.7 | 1.524 |
| | Point 23 | 18 | 22 | 17.828 | 15.451 | 5.0 | 19.7 | 0.974 | 45 | 36.466 | 31.604 | 5.0 | 19.7 | 2.113 | 37 | 29.983 | 25.985 | 5.0 | 19.7 | 1.303 |
| | Point 23D | 29 | 15 | 13.332 | 11.555 | 9.0 | 23.7 | 0.876 | 60 | 53.329 | 46.219 | 9.0 | 23.7 | 3.718 | 33 | 29.331 | 25.420 | 9.0 | 23.7 | 1.533 |
| | **Total Oxygen Injected per Day (lbs)** | | **22.000** | | | | | | **21.570** | | | | | | **10.065** | | | | | |
| | **System Total Per Day (lbs)** | | **83.61** | | | | | | **87.79** | | | | | | **63.79** | | | | | |

| | Operational Days | | Oxygen Injected Per Month |
|---|---|---|---|
| Month 1 | April | 30 | 1010 |
| Month 2 | May | 31 | 1168 |
| Month 3 | June | 29 | 946 |

Total Operational Days Apr. - Jun. 2025 90
Total Oxygen injected during this period (lbs) 3,123
Weight of Oxygen Injected through Q1 2025 (lbs) 611,576
Running total of Injected Oxygen (lbs) 614,699

**Notes:**
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure.
n = PV/RT = Mass of Oxygen (lbs)
Temperature = Degrees Rankine
R = Individual Gas Constant = 48.24 ft/T
1 lb-mole of oxygen=32 lbm

**System Operating Specs**
Total of 6 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each Injection bank operates for 4 injection cycles per day
Each injection point injects oxygen for 52 min per day (13 min per cycle * 4 Cycles)

**Example**
Bank 1 starts at 7AM

Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 Finishes injection at 1013AM
System is recharging from 1013AM to 1100PM
Bank 5 starts injection at 1100AM

Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 6 starts injection at 1200PM
System is recharging from 1213PM to 100PM
(Keep repeating cycle for course of day)

| | | | 4/28/2025 | | | | | | 5/16/2025 | | | | | | 6/25/2025 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | O2% | 55.0 | | | | | | 53.7 | | | | | | 55.0 | | | | | |
| | | R | 48.24 | | | | | | 48.24 | | | | | | 48.24 | | | | | |
| | | Temp R (T) | 622.67 | | | | | | 622.67 | | | | | | 620.67 | | | | | |
| | | System Hours | 1537.77 | | | | | | 1714.59 | | | | | | 2061 | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 1 | Point 1D | 32 | 24 | 16.015 | 13.880 | 8.0 | 22.7 | 0.831 | 29 | 19.352 | 16.772 | 8.0 | 22.7 | 0.980 | 30 | 20.019 | 17.350 | 8.0 | 22.7 | 1.042 |
| | Point 1 | 24 | 32 | 20.144 | 17.458 | 5.5 | 20.2 | 0.930 | 30 | 18.885 | 16.367 | 5.5 | 20.2 | 0.851 | 22 | 13.849 | 12.002 | 5.5 | 20.2 | 0.641 |
| | Point 2D | 27 | 32 | 21.588 | 18.709 | 8.5 | 23.2 | 1.144 | 26 | 17.540 | 15.201 | 8.5 | 23.2 | 0.908 | 22 | 14.842 | 12.863 | 8.5 | 23.2 | 0.789 |
| | Point 2 | 20 | 22 | 13.676 | 11.853 | 5.0 | 19.7 | 0.616 | 26 | 16.163 | 14.008 | 5.0 | 19.7 | 0.710 | 18 | 11.190 | 9.698 | 5.0 | 19.7 | 0.505 |
| | Point 3D | 30 | 20 | 13.492 | 11.693 | 8.5 | 23.2 | 0.715 | 26 | 17.540 | 15.201 | 8.5 | 23.2 | 0.908 | 29 | 19.564 | 16.955 | 8.5 | 23.2 | 1.041 |
| | Point 3 | 23 | 18 | 11.190 | 9.698 | 5.0 | 19.7 | 0.504 | 29 | 18.028 | 15.624 | 5.0 | 19.7 | 0.792 | 30 | 18.650 | 16.163 | 5.0 | 19.7 | 0.842 |
| | Point 4D | 30 | 20 | 13.346 | 11.567 | 8.0 | 22.7 | 0.692 | 26 | 17.350 | 15.037 | 8.0 | 22.7 | 0.879 | 30 | 20.019 | 17.350 | 8.0 | 22.7 | 1.042 |
| | Point 4 | 23 | 18 | 11.190 | 9.698 | 5.0 | 19.7 | 0.504 | 30 | 18.650 | 16.163 | 5.0 | 19.7 | 0.820 | 24 | 14.920 | 12.930 | 5.0 | 19.7 | 0.674 |
| | **Total Oxygen Injected per Day (lbs)** | | **5.936** | | | | | | **6.848** | | | | | | **6.576** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 2 | Point 5 | 23 | 32 | 19.639 | 17.020 | 4.5 | 19.2 | 0.862 | 31 | 19.025 | 16.488 | 4.5 | 19.2 | 0.815 | 30 | 18.411 | 15.957 | 4.5 | 19.2 | 0.810 |
| | Point 5D | 30 | 20 | 13.346 | 11.567 | 8.0 | 22.7 | 0.692 | 31 | 20.687 | 17.928 | 8.0 | 22.7 | 1.048 | 20 | 13.346 | 11.567 | 8.0 | 22.7 | 0.695 |
| | Point 6D | 29 | 24 | 15.659 | 13.571 | 7.0 | 21.7 | 0.776 | 28 | 18.269 | 15.833 | 7.0 | 21.7 | 0.884 | 21 | 13.701 | 11.875 | 7.0 | 21.7 | 0.682 |
| | Point 6 | 22 | 14 | 8.479 | 7.349 | 4.0 | 18.7 | 0.362 | 30 | 18.170 | 15.747 | 4.0 | 18.7 | 0.758 | 16 | 9.691 | 8.399 | 4.0 | 18.7 | 0.415 |
| | Point 7D | 28 | 13 | 8.864 | 7.682 | 9.0 | 23.7 | 0.480 | 34 | 22.689 | 19.663 | 8.0 | 22.7 | 1.149 | 18 | 12.143 | 10.524 | 8.5 | 23.2 | 0.646 |
| | Point 7 | 22 | 32 | 19.381 | 16.797 | 4.0 | 18.7 | 0.828 | 27 | 16.353 | 14.173 | 4.0 | 18.7 | 0.682 | 30 | 18.170 | 15.747 | 4.0 | 18.7 | 0.779 |
| | Point 8D | 30 | 30 | 20.019 | 17.350 | 8.0 | 22.7 | 1.038 | 28 | 18.685 | 16.193 | 8.0 | 22.7 | 0.946 | 32 | 21.354 | 18.507 | 8.0 | 22.7 | 1.111 |
| | Point 8 | 22 | 26 | 16.163 | 14.008 | 5.0 | 19.7 | 0.728 | 32 | 19.639 | 17.020 | 4.5 | 19.2 | 0.841 | 18 | 11.190 | 9.698 | 5.0 | 19.7 | 0.505 |
| | **Total Oxygen Injected per Day (lbs)** | | **5.767** | | | | | | **7.124** | | | | | | **5.643** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 3 | Point 9D | 30 | 22 | 15.158 | 13.137 | 9.5 | 24.2 | 0.838 | 31 | 21.359 | 18.511 | 9.5 | 24.2 | 1.153 | 24 | 16.536 | 14.331 | 9.5 | 24.2 | 0.917 |
| | Point 9 | 21 | 24 | 14.729 | 12.765 | 4.5 | 19.2 | 0.646 | 25 | 15.142 | 13.123 | 4.0 | 18.7 | 0.632 | 18 | 10.902 | 9.448 | 4.0 | 18.7 | 0.467 |
| | Point 10 | 22 | 30 | 18.411 | 15.957 | 4.5 | 19.2 | 0.808 | 26 | 15.957 | 13.829 | 4.5 | 19.2 | 0.684 | 18 | 10.902 | 9.448 | 4.0 | 18.7 | 0.467 |
| | Point 10D | 30 | 22 | 14.842 | 12.863 | 8.5 | 23.2 | 0.787 | 25 | 16.866 | 14.617 | 8.5 | 23.2 | 0.873 | 22 | 14.842 | 12.863 | 8.5 | 23.2 | 0.789 |
| | Point 11D | 25 | 22 | 14.681 | 12.723 | 8.0 | 22.7 | 0.762 | 24 | 15.838 | 13.726 | 7.5 | 22.2 | 0.784 | 18 | 12.012 | 10.410 | 8.0 | 22.7 | 0.625 |
| | Point 11 | 17 | 20 | 11.950 | 10.357 | 3.5 | 18.2 | 0.497 | 24 | 14.340 | 12.428 | 3.5 | 18.2 | 0.582 | 16 | 9.691 | 8.399 | 4.0 | 18.7 | 0.415 |
| | Point 12D | 24 | 26 | 17.350 | 15.037 | 8.0 | 22.7 | 0.900 | 26 | 17.350 | 15.037 | 8.0 | 22.7 | 0.879 | 20 | 13.346 | 11.567 | 8.0 | 22.7 | 0.695 |
| | Point 12 | 16 | 22 | 13.502 | 11.701 | 4.5 | 19.2 | 0.592 | 26 | 15.957 | 13.829 | 4.5 | 19.2 | 0.684 | 19 | 11.661 | 10.106 | 4.5 | 19.2 | 0.513 |
| | **Total Oxygen Injected per Day (lbs)** | | **5.830** | | | | | | **6.271** | | | | | | **4.890** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 4 | Point 13D | 23 | 26 | 17.350 | 15.037 | 8.0 | 22.7 | 0.900 | 31 | 20.687 | 17.928 | 8.0 | 22.7 | 1.048 | 35 | 23.356 | 20.242 | 8.0 | 22.7 | 1.215 |
| | Point 13 | 16 | 14 | 8.592 | 7.446 | 4.5 | 19.2 | 0.377 | 24 | 14.729 | 12.765 | 4.5 | 19.2 | 0.631 | 15 | 9.206 | 7.978 | 4.5 | 19.2 | 0.405 |
| | Point 14 | 15 | 30 | 18.885 | 16.367 | 5.5 | 20.2 | 0.872 | 25 | 15.737 | 13.639 | 5.5 | 20.2 | 0.709 | 26 | 16.367 | 14.185 | 5.5 | 20.2 | 0.758 |
| | Point 14D | 20 | 18 | 11.879 | 10.295 | 7.5 | 22.2 | 0.603 | 25 | 16.498 | 14.298 | 7.5 | 22.2 | 0.817 | 19 | 12.539 | 10.867 | 7.5 | 22.2 | 0.638 |
| | Point 15D | 19 | 0 | 0.000 | 0.000 | 6.5 | 21.2 | 0.000 | 28 | 18.269 | 15.833 | 7.0 | 21.7 | 0.884 | 14 | 9.134 | 7.916 | 7.0 | 21.7 | 0.454 |
| | Point 15 | 14 | 30 | 18.650 | 16.163 | 5.0 | 19.7 | 0.840 | 24 | 15.108 | 13.093 | 5.5 | 20.2 | 0.681 | 29 | 18.255 | 15.821 | 5.5 | 20.2 | 0.845 |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | **Total Oxygen Injected per Day (lbs)** | | **3.591** | | | | | | **4.770** | | | | | | **4.316** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 5 | Point 16D | 14 | 20 | 13.780 | 11.943 | 9.5 | 24.2 | 0.762 | 28 | 21.192 | 18.366 | 14.5 | 29.2 | 1.381 | 22 | 15.158 | 13.137 | 9.5 | 24.2 | 0.841 |
| | Point 16 | 8 | 38 | 21.750 | 18.850 | 2.0 | 16.7 | 0.830 | 26 | 15.535 | 13.464 | 3.5 | 18.2 | 0.631 | 26 | 15.535 | 13.464 | 3.5 | 18.2 | 0.648 |
| | Point 17 | 13 | 52 | 31.913 | 27.658 | 4.5 | 19.2 | 1.400 | 31 | 19.025 | 16.488 | 4.5 | 19.2 | 0.815 | 45 | 27.617 | 23.935 | 4.5 | 19.2 | 1.216 |
| | Point 17D | 18 | 20 | 13.049 | 11.309 | 7.0 | 21.7 | 0.647 | 28 | 18.478 | 16.014 | 7.5 | 22.2 | 0.915 | 19 | 12.539 | 10.867 | 7.5 | 22.2 | 0.638 |
| | Point 18D | 25 | 34 | 22.437 | 19.446 | 7.5 | 22.2 | 1.138 | 30 | 19.798 | 17.158 | 7.5 | 22.2 | 0.981 | 22 | 14.518 | 12.582 | 7.5 | 22.2 | 0.739 |
| | Point 18 | 19 | 44 | 26.650 | 23.096 | 4.0 | 18.7 | 1.139 | 28 | 17.184 | 14.893 | 4.5 | 19.2 | 0.736 | 32 | 19.381 | 16.797 | 4.0 | 18.7 | 0.831 |
| | Point 19 | 19 | 33 | 20.253 | 17.552 | 4.5 | 19.2 | 0.889 | 27 | 16.570 | 14.361 | 4.5 | 19.2 | 0.710 | 35 | 21.480 | 18.616 | 4.5 | 19.2 | 0.945 |
| | Point 19D | 25 | 16 | 10.439 | 9.047 | 7.0 | 21.7 | 0.518 | 27 | 17.616 | 15.267 | 7.0 | 21.7 | 0.853 | 28 | 18.269 | 15.833 | 7.0 | 21.7 | 0.909 |
| | **Total Oxygen Injected per Day (lbs)** | | **7.323** | | | | | | **7.021** | | | | | | **6.767** | | | | | |
| | | Depth | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 6 | Point 20D | 25 | 22 | 14.354 | 12.440 | 7.0 | 21.7 | 0.712 | 27 | 17.616 | 15.267 | 7.0 | 21.7 | 0.853 | 20 | 13.049 | 11.309 | 7.0 | 21.7 | 0.649 |
| | Point 20 | 19 | 40 | 24.227 | 20.997 | 4.0 | 18.7 | 1.035 | 38 | 23.015 | 19.947 | 4.0 | 18.7 | 0.960 | 32 | 19.381 | 16.797 | 4.0 | 18.7 | 0.831 |
| | Point 21 | 20 | 28 | 17.406 | 15.085 | 5.0 | 19.7 | 0.784 | 24 | 14.920 | 12.930 | 5.0 | 19.7 | 0.656 | 22 | 13.676 | 11.853 | 5.0 | 19.7 | 0.618 |
| | Point 21D | 29 | 20 | 13.492 | 11.693 | 8.5 | 23.2 | 0.715 | 26 | 17.158 | 14.870 | 7.5 | 22.2 | 0.850 | 15 | 10.010 | 8.675 | 8.0 | 22.7 | 0.521 |
| | Point 22 | 22 | 16 | 9.946 | 8.620 | 5.0 | 19.7 | 0.448 | 23 | 14.298 | 12.392 | 5.0 | 19.7 | 0.628 | 14 | 8.703 | 7.543 | 5.0 | 19.7 | 0.393 |
| | Point 22D | 28 | 32 | 21.354 | 18.507 | 8.0 | 22.7 | 1.108 | 28 | 18.685 | 16.193 | 8.0 | 22.7 | 0.946 | 28 | 18.685 | 16.193 | 8.0 | 22.7 | 0.972 |
| | Point 23 | 18 | 14 | 8.813 | 7.638 | 5.5 | 20.2 | 0.407 | 26 | 16.367 | 14.185 | 5.5 | 20.2 | 0.738 | 15 | 9.442 | 8.183 | 5.5 | 20.2 | 0.437 |
| | Point 23D | 29 | 26 | 17.728 | 15.364 | 9.0 | 23.7 | 0.960 | 28 | 19.092 | 16.546 | 9.0 | 23.7 | 1.010 | 20 | 13.637 | 11.819 | 9.0 | 23.7 | 0.741 |
| | **Total Oxygen Injected per Day (lbs)** | | **5.208** | | | | | | **5.631** | | | | | | **4.421** | | | | | |
| | **System Total Per Day (lbs)** | | **33.65** | | | | | | **37.67** | | | | | | **32.61** | | | | | |

| | Operational Days | | Oxygen Injected Per Month |
|---|---|---|---|
| Month 1 | July | 31 | 1562 |
| Month 2 | August | 31 | 1816 |
| Month 3 | September | 30 | 1338 |

| | | |
|---|---|---|
| Total Operational Days July. - Sep. 2025 | 92 | |
| Total Oxygen injected during this period (lbs) | | 4,716 |
| Weight of Oxygen Injected through Q2 2025 (lbs) | | 614,699 |
| Running total of Injected Oxygen (lbs) | | 619,415 |

**Notes:**
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure.
n = PV/RT = Mass of Oxygen (lbs)
Temperature = Degrees Rankine
R = Individual Gas Constant = 48.24 ft/T
1 lb-mole of oxygen=32 lbm

**System Operating Specs**
Total of 6 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each Injection bank operates for 4 injection cycles per day
Each injection point injects oxygen for 52 min per day (13 min per cycle * 4 Cycles)

**Example**
Bank 1 starts at 7AM

Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 Finishes injection at 1013AM
System is recharging from 1013AM to 1100PM
Bank 5 starts injection at 1100AM

Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 6 starts injection at 1200PM
System is recharging from 1213PM to 100PM
(Keep repeating cycle for course of day)

| | | | 7/15/2025 | | | | | | 8/8/2025 | | | | | | 9/26/2025 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | O2% | 51.8 | | | | | | 59.6 | | | | | | 55.0 | | | | | |
| | | R | 48.24 | | | | | | 48.24 | | | | | | 48.24 | | | | | |
| | | Temp R (T) | 620.67 | | | | | | 620.67 | | | | | | 622.67 | | | | | |
| | | System Hours | 2321.15 | | | | | | 2639.8 | | | | | | 3261.3 | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 1 | Point 1D | 32 | 100 | 73.243 | 63.477 | 7.5 | 22.2 | 3.511 | 28 | 20.508 | 17.774 | 7.5 | 22.2 | 1.131 | 30 | 21.973 | 19.043 | 7.5 | 22.2 | 1.115 |
| | Point 1 | 24 | 16 | 11.178 | 9.688 | 5.5 | 20.2 | 0.488 | 32 | 22.079 | 19.135 | 5.0 | 19.7 | 1.081 | 36 | 24.838 | 21.527 | 5.0 | 19.7 | 1.118 |
| | Point 2D | 27 | 25 | 18.719 | 16.223 | 8.5 | 23.2 | 0.938 | 30 | 22.219 | 19.256 | 8.0 | 22.7 | 1.253 | 34 | 25.457 | 22.063 | 8.5 | 23.2 | 1.350 |
| | Point 2 | 20 | 25 | 17.249 | 14.949 | 5.0 | 19.7 | 0.734 | 32 | 22.079 | 19.135 | 5.0 | 19.7 | 1.081 | 30 | 20.434 | 17.710 | 4.5 | 19.2 | 0.897 |
| | Point 3D | 30 | 24 | 17.970 | 15.574 | 8.5 | 23.2 | 0.900 | 32 | 23.700 | 20.540 | 8.0 | 22.7 | 1.337 | 28 | 20.738 | 17.973 | 8.0 | 22.7 | 1.076 |
| | Point 3 | 23 | 24 | 16.559 | 14.351 | 5.0 | 19.7 | 0.704 | 30 | 20.699 | 17.939 | 5.0 | 19.7 | 1.013 | 27 | 18.391 | 15.939 | 4.5 | 19.2 | 0.807 |
| | Point 4D | 30 | 24 | 17.578 | 15.234 | 7.5 | 22.2 | 0.843 | 28 | 20.508 | 17.774 | 7.5 | 22.2 | 1.131 | 29 | 21.240 | 18.408 | 7.5 | 22.2 | 1.078 |
| | Point 4 | 23 | 23 | 15.869 | 13.753 | 5.0 | 19.7 | 0.675 | 32 | 22.079 | 19.135 | 5.0 | 19.7 | 1.081 | 23 | 15.666 | 13.577 | 4.5 | 19.2 | 0.687 |
| | **Total Oxygen Injected per Day (lbs)** | | **8.792** | | | | | | **9.106** | | | | | | **8.126** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 2 | Point 5 | 23 | 32 | 21.797 | 18.890 | 4.5 | 19.2 | 0.904 | 28 | 19.072 | 16.529 | 4.5 | 19.2 | 0.910 | 34 | 22.855 | 19.808 | 4.0 | 18.7 | 0.977 |
| | Point 5D | 30 | 36 | 26.663 | 23.108 | 8.0 | 22.7 | 1.307 | 32 | 23.700 | 20.540 | 8.0 | 22.7 | 1.337 | 28 | 20.738 | 17.973 | 8.0 | 22.7 | 1.076 |
| | Point 6D | 29 | 37 | 26.793 | 23.220 | 7.0 | 21.7 | 1.255 | 30 | 21.724 | 18.827 | 7.0 | 21.7 | 1.171 | 30 | 21.724 | 18.827 | 7.0 | 21.7 | 1.077 |
| | Point 6 | 22 | 36 | 24.200 | 20.973 | 4.0 | 18.7 | 0.977 | 32 | 21.511 | 18.643 | 4.0 | 18.7 | 0.999 | 27 | 18.150 | 15.730 | 4.0 | 18.7 | 0.776 |
| | Point 7D | 28 | 40 | 29.625 | 25.675 | 8.0 | 22.7 | 1.452 | 32 | 23.700 | 20.540 | 8.0 | 22.7 | 1.337 | 27 | 18.150 | 15.730 | 4.0 | 18.7 | 0.776 |
| | Point 7 | 22 | 28 | 18.822 | 16.312 | 4.0 | 18.7 | 0.760 | 30 | 20.166 | 17.478 | 4.0 | 18.7 | 0.937 | 27 | 18.150 | 15.730 | 4.0 | 18.7 | 0.776 |
| | Point 8D | 30 | 28 | 20.965 | 18.169 | 8.5 | 23.2 | 1.050 | 28 | 20.738 | 17.973 | 8.0 | 22.7 | 1.169 | 32 | 23.700 | 20.540 | 8.0 | 22.7 | 1.229 |
| | Point 8 | 22 | 34 | 23.458 | 20.331 | 5.0 | 19.7 | 0.998 | 32 | 22.079 | 19.135 | 5.0 | 19.7 | 1.081 | 25 | 17.029 | 14.758 | 4.5 | 19.2 | 0.747 |
| | **Total Oxygen Injected per Day (lbs)** | | **8.703** | | | | | | **8.940** | | | | | | **7.433** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 3 | Point 9D | 30 | 28 | 21.412 | 18.557 | 9.5 | 24.2 | 1.119 | 39 | 29.824 | 25.847 | 9.5 | 24.2 | 1.793 | 18 | 13.622 | 11.806 | 9.0 | 23.7 | 0.738 |
| | Point 9 | 21 | 31 | 21.115 | 18.300 | 4.5 | 19.2 | 0.875 | 40 | 27.246 | 23.613 | 4.5 | 19.2 | 1.300 | 35 | 23.840 | 20.661 | 4.5 | 19.2 | 1.046 |
| | Point 10 | 22 | 31 | 21.115 | 18.300 | 4.5 | 19.2 | 0.875 | 37 | 25.202 | 21.842 | 4.5 | 19.2 | 1.202 | 32 | 21.511 | 18.643 | 4.0 | 18.7 | 0.919 |
| | Point 10D | 30 | 31 | 23.211 | 20.116 | 8.5 | 23.2 | 1.163 | 40 | 29.950 | 25.956 | 8.5 | 23.2 | 1.726 | 34 | 25.181 | 21.824 | 8.0 | 22.7 | 1.306 |
| | Point 11D | 25 | 30 | 22.219 | 19.256 | 8.0 | 22.7 | 1.089 | 38 | 28.144 | 24.391 | 8.0 | 22.7 | 1.587 | 34 | 24.903 | 21.582 | 7.5 | 22.2 | 1.263 |
| | Point 11 | 17 | 32 | 21.221 | 18.392 | 3.5 | 18.2 | 0.834 | 40 | 26.889 | 23.303 | 4.0 | 18.7 | 1.249 | 34 | 22.855 | 19.808 | 4.0 | 18.7 | 0.977 |
| | Point 12D | 24 | 27 | 19.997 | 17.331 | 8.0 | 22.7 | 0.980 | 41 | 30.366 | 26.317 | 8.0 | 22.7 | 1.712 | 36 | 24.838 | 21.527 | 5.0 | 19.7 | 1.118 |
| | Point 12 | 16 | 29 | 19.753 | 17.119 | 4.5 | 19.2 | 0.819 | 38 | 25.883 | 22.432 | 4.5 | 19.2 | 1.235 | 30 | 19.895 | 17.242 | 3.5 | 18.2 | 0.827 |
| | **Total Oxygen Injected per Day (lbs)** | | **7.754** | | | | | | **11.804** | | | | | | **8.195** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 4 | Point 13D | 23 | 30 | 22.219 | 19.256 | 8.0 | 22.7 | 1.089 | 28 | 20.738 | 17.973 | 8.0 | 22.7 | 1.169 | 32 | 23.700 | 20.540 | 8.0 | 22.7 | 1.229 |
| | Point 13 | 16 | 44 | 29.970 | 25.974 | 4.5 | 19.2 | 1.242 | 31 | 21.115 | 18.300 | 4.5 | 19.2 | 1.007 | 23 | 15.461 | 13.399 | 4.0 | 18.7 | 0.661 |
| | Point 14 | 15 | 45 | 31.440 | 27.248 | 5.5 | 20.2 | 1.371 | 52 | 36.330 | 31.486 | 5.5 | 20.2 | 1.823 | 36 | 24.838 | 21.527 | 5.0 | 19.7 | 1.118 |
| | Point 14D | 20 | 36 | 26.367 | 22.852 | 7.5 | 22.2 | 1.264 | 32 | 23.438 | 20.313 | 7.5 | 22.2 | 1.293 | 25 | 18.311 | 15.869 | 7.5 | 22.2 | 0.929 |
| | Point 15D | 19 | 42 | 30.061 | 26.053 | 6.5 | 21.2 | 1.376 | 34 | 24.620 | 21.338 | 7.0 | 21.7 | 1.327 | 20 | 14.315 | 12.406 | 6.5 | 21.2 | 0.693 |
| | Point 15 | 14 | 38 | 26.549 | 23.009 | 5.5 | 20.2 | 1.158 | 48 | 33.535 | 29.064 | 5.5 | 20.2 | 1.683 | 36 | 24.838 | 21.527 | 5.0 | 19.7 | 1.118 |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | **Total Oxygen Injected per Day (lbs)** | | **7.500** | | | | | | **8.302** | | | | | | **5.749** | | | | | |
| | | Depth | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 | SCFH (M) | SCFH (C*) | CF/D (V) | PSI (M) | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 5 | Point 16D | 14 | 33 | 25.235 | 21.871 | 9.5 | 24.2 | 1.319 | 36 | 27.529 | 23.859 | 9.5 | 24.2 | 1.655 | 24 | 18.353 | 15.906 | 9.5 | 24.2 | 1.015 |
| | Point 16 | 8 | 49 | 32.495 | 28.163 | 3.5 | 18.2 | 1.277 | 52 | 33.033 | 28.629 | 2.0 | 16.7 | 1.370 | 37 | 24.198 | 20.971 | 3.0 | 17.7 | 0.979 |
| | Point 17 | 13 | 34 | 23.159 | 20.071 | 4.5 | 19.2 | 0.960 | 47 | 31.594 | 27.382 | 4.0 | 18.7 | 1.468 | 46 | 30.922 | 26.799 | 4.0 | 18.7 | 1.321 |
| | Point 17D | 18 | 35 | 25.635 | 22.217 | 7.5 | 22.2 | 1.229 | 35 | 25.345 | 21.965 | 7.0 | 21.7 | 1.366 | 24 | 17.379 | 15.062 | 7.0 | 21.7 | 0.862 |
| | Point 18D | 25 | 32 | 23.438 | 20.313 | 7.5 | 22.2 | 1.123 | 32 | 23.438 | 20.313 | 7.5 | 22.2 | 1.293 | 28 | 20.508 | 17.774 | 7.5 | 22.2 | 1.040 |
| | Point 18 | 19 | 44 | 29.577 | 25.634 | 4.0 | 18.7 | 1.194 | 49 | 32.939 | 28.547 | 4.0 | 18.7 | 1.530 | 39 | 26.216 | 22.721 | 4.0 | 18.7 | 1.120 |
| | Point 19 | 19 | 43 | 29.289 | 25.384 | 4.5 | 19.2 | 1.214 | 52 | 35.419 | 30.697 | 4.5 | 19.2 | 1.689 | 40 | 26.889 | 23.303 | 4.0 | 18.7 | 1.149 |
| | Point 19D | 25 | 36 | 26.069 | 22.593 | 7.0 | 21.7 | 1.221 | 35 | 25.345 | 21.965 | 7.0 | 21.7 | 1.366 | 25 | 17.894 | 15.508 | 6.5 | 21.2 | 0.867 |
| | **Total Oxygen Injected per Day (lbs)** | | **9.537** | | | | | | **11.738** | | | | | | **8.353** | | | | | |
| | | Depth | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 | SCFH (M)* | SCFH (C*) | CF/D (V) | PSI (M)* | PSIa (P) | n=PV/RT lbs O2 |
| Injection Bank 6 | Point 20D | 25 | 38 | 27.517 | 23.848 | 7.0 | 21.7 | 1.289 | 30 | 21.724 | 18.827 | 7.0 | 21.7 | 1.171 | 26 | 18.827 | 16.317 | 7.0 | 21.7 | 0.934 |
| | Point 20 | 19 | 40 | 26.889 | 23.303 | 4.0 | 18.7 | 1.086 | 50 | 33.611 | 29.129 | 4.0 | 18.7 | 1.561 | 45 | 30.250 | 26.216 | 4.0 | 18.7 | 1.293 |
| | Point 21 | 20 | 37 | 25.528 | 22.125 | 5.0 | 19.7 | 1.086 | 35 | 24.148 | 20.929 | 5.0 | 19.7 | 1.182 | 28 | 19.319 | 16.743 | 5.0 | 19.7 | 0.870 |
| | Point 21D | 29 | 40 | 29.297 | 25.391 | 7.5 | 22.2 | 1.404 | 33 | 24.170 | 20.947 | 7.5 | 22.2 | 1.333 | 25 | 18.311 | 15.869 | 7.5 | 22.2 | 0.929 |
| | Point 22 | 22 | 37 | 25.202 | 21.842 | 4.5 | 19.2 | 1.045 | 32 | 22.079 | 19.135 | 5.0 | 19.7 | 1.081 | 25 | 17.029 | 14.758 | 4.5 | 19.2 | 0.747 |
| | Point 22D | 28 | 27 | 19.997 | 17.331 | 8.0 | 22.7 | 0.980 | 30 | 22.219 | 19.256 | 8.0 | 22.7 | 1.253 | 32 | 23.700 | 20.540 | 8.0 | 22.7 | 1.229 |
| | Point 23 | 18 | 40 | 27.946 | 24.220 | 5.5 | 20.2 | 1.219 | 33 | 22.769 | 19.733 | 5.0 | 19.7 | 1.114 | 24 | 16.559 | 14.351 | 5.0 | 19.7 | 0.745 |
| | Point 23D | 29 | 34 | 25.730 | 22.299 | 9.0 | 23.7 | 1.317 | 32 | 24.217 | 20.988 | 9.0 | 23.7 | 1.426 | 27 | 20.433 | 17.708 | 9.0 | 23.7 | 1.107 |
| | **Total Oxygen Injected per Day (lbs)** | | **8.109** | | | | | | **8.695** | | | | | | **6.747** | | | | | |
| | **System Total Per Day (lbs)** | | **50.39** | | | | | | **58.59** | | | | | | **44.60** | | | | | |

| Quarter and Year | Average Oxygen Injected (Pounds) | System Downtime (Average Number of Days) | Days in Quarter |
|---|---|---|---|
| Q3 2021 | 8,889 | 0 | 92 |
| Q4 2021 | 9,292 | 0 | 92 |
| Q1 2022 | 9,531 | 0 | 90 |
| Q2 2022 | 7,975 | 10 | 91 |
| Q3 2022 | 11,496 | 0 | 92 |
| Q4 2022 | 13,913 | 1 | 92 |
| Q1 2023 | 5,198 | 0 | 90 |
| Q2 2023 | 5,655 | 0 | 91 |
| Q3 2023 | 4,961 | 31 | 92 |
| Q4 2023 | 5,778 | 0 | 92 |
| Q1 2024 | 5,865 | 0 | 91 |
| Q2 2024 | 4,430 | 0 | 91 |
| Q3 2024 | 5,527 | 0 | 92 |
| Q4 2024 | 2,317 | 0 | 92 |
| Q1 2025 | - | 0 | 90 |
| Q2 2025 | 3,153 | 0 | 91 |
| Totals | 100,827 | 42 | 1,461 |
| Average Pounds of Oxygen Injected per Quarter | 6,302 | | |
| Reporting Period System Downtime Percentage | 97.1% | | |

# Appendix C Groundwater Laboratory Analytical Reports

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Christopher Morris
GEI Consultants Inc
1000 New York Avenue
Huntington Station NY 11746

Generated 03/13/2025

## JOB DESCRIPTION

National Grid - Downstate Halesite

## JOB NUMBER

460-321765-1

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.

## Compliance Statement

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

## Authorization



Generated
03/13/2025

Authorized for release by
Katelyn M Proulx, Project Manager I
Katelyn.Proulx@et.eurofinsus.com

# Table of Contents


Cover Page . . . . . 1
Data Summaries . . . . . 5
Report Narrative . . . . . 5
Sample Summary . . . . . 6
Detection Summary . . . . . 7
Method Summary . . . . . 9
Client Sample Results . . . . . 10
Surrogate Summary . . . . . 17
QC Sample Results . . . . . 18
Definitions . . . . . 23
QC Association . . . . . 24
Chronicle . . . . . 25
Certification Summary . . . . . 27
Reagent Traceability . . . . . 28
COAs . . . . . 95
Organic Sample Data . . . . . 179
GC/MS VOA . . . . . 179
8260D . . . . . 179
8260D QC Summary . . . . . 180
8260D Sample Data . . . . . 191
Standards Data . . . . . 237
8260D ICAL Data . . . . . 237
8260D CCAL Data . . . . . 552
Raw QC Data . . . . . 579
8260D Tune Data . . . . . 579
8260D Blank Data . . . . . 584
8260D LCS/LCSD Data . . . . . 588
8260D MS/MSD Data . . . . . 602
8260D Run Logs . . . . . 616
8260D Prep Data . . . . . 618
GC/MS Semi VOA . . . . . 623
8270E . . . . . 623
8270E QC Summary . . . . . 624
8270E Sample Data . . . . . 637
Standards Data . . . . . 714
8270E ICAL Data . . . . . 714
8270E Resolution Data . . . . . 877
8270E CCAL Data . . . . . 885
Raw QC Data . . . . . 909
8270E Tune Data . . . . . 909
8270E Blank Data . . . . . 918

# Table of Contents


8270E LCS/LCSD Data . . . . . 924
8270E MS/MSD Data . . . . . 936
8270E Run Logs . . . . . 948
8270E Prep Data . . . . . 951
Shipping and Receiving Documents . . . . . 955
Client Chain of Custody . . . . . 956
Sample Receipt Checklist . . . . . 958

**Job Narrative**
**460-321765-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

**Receipt**
The samples were received on 3/5/2025 7:30 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 time was 3.7°C.

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

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

# Sample Summary

Client: GEI Consultants Inc
Job ID: 460-321765-1
Project/Site: National Grid - Downstate Halesite

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 460-321765-1 | TB-030425 | Water | 03/04/25 00:00 | 03/05/25 19:30 |
| 460-321765-2 | FB-030425 | Water | 03/04/25 11:30 | 03/05/25 19:30 |
| 460-321765-3 | HHMW-05S2-R | Water | 03/04/25 09:40 | 03/05/25 19:30 |
| 460-321765-4 | HHMW-19S1 | Water | 03/04/25 09:55 | 03/05/25 19:30 |
| 460-321765-5 | MW-03 | Water | 03/04/25 10:50 | 03/05/25 19:30 |
| 460-321765-6 | HHMW-09S1 | Water | 03/04/25 12:30 | 03/05/25 19:30 |
| 460-321765-7 | HHMW-14 | Water | 03/04/25 12:50 | 03/05/25 19:30 |
| 460-321765-8 | DUP-01 | Water | 03/04/25 00:00 | 03/05/25 19:30 |

# Detection Summary

Client: GEI Consultants Inc
Job ID: 460-321765-1
Project/Site: National Grid - Downstate Halesite

## Client Sample ID: TB-030425
## Lab Sample ID: 460-321765-1

No Detections.

## Client Sample ID: FB-030425
## Lab Sample ID: 460-321765-2

No Detections.

## Client Sample ID: HHMW-05S2-R
## Lab Sample ID: 460-321765-3

No Detections.

## Client Sample ID: HHMW-19S1
## Lab Sample ID: 460-321765-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.74 | | 0.45 | 0.070 | ug/L | 1 | | 8260D | Total/NA |
| Ethylbenzene | 12 | | 1.0 | 0.30 | ug/L | 1 | | 8260D | Total/NA |
| Xylenes, Total | 2.1 | | 2.0 | 0.65 | ug/L | 1 | | 8260D | Total/NA |
| Acenaphthene | 21 | | 10 | 1.1 | ug/L | 1 | | 8270E | Total/NA |
| Fluorene | 4.1 | J | 10 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Naphthalene | 2.5 | | 2.0 | 0.54 | ug/L | 1 | | 8270E | Total/NA |

## Client Sample ID: MW-03
## Lab Sample ID: 460-321765-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | 0.73 | J | 2.0 | 0.65 | ug/L | 1 | | 8260D | Total/NA |
| Acenaphthene | 26 | | 10 | 1.1 | ug/L | 1 | | 8270E | Total/NA |
| Acenaphthylene | 9.4 | J | 10 | 0.82 | ug/L | 1 | | 8270E | Total/NA |
| Anthracene | 3.8 | J | 10 | 1.3 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[a]anthracene | 15 | | 1.0 | 0.59 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[a]pyrene | 24 | | 1.0 | 0.41 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[b]fluoranthene | 17 | | 2.0 | 0.68 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 16 | | 10 | 0.70 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[k]fluoranthene | 6.3 | | 1.0 | 0.67 | ug/L | 1 | | 8270E | Total/NA |
| Chrysene | 14 | | 2.0 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 2.3 | | 1.0 | 0.72 | ug/L | 1 | | 8270E | Total/NA |
| Fluoranthene | 23 | | 10 | 0.84 | ug/L | 1 | | 8270E | Total/NA |
| Fluorene | 1.6 | J | 10 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 12 | | 2.0 | 0.94 | ug/L | 1 | | 8270E | Total/NA |
| Phenanthrene | 4.6 | J | 10 | 1.3 | ug/L | 1 | | 8270E | Total/NA |
| Pyrene | 32 | | 10 | 1.6 | ug/L | 1 | | 8270E | Total/NA |

## Client Sample ID: HHMW-09S1
## Lab Sample ID: 460-321765-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.89 | J | 1.0 | 0.30 | ug/L | 1 | | 8260D | Total/NA |
| Toluene | 2.0 | | 1.0 | 0.38 | ug/L | 1 | | 8260D | Total/NA |
| Xylenes, Total | 14 | | 2.0 | 0.65 | ug/L | 1 | | 8260D | Total/NA |
| Acenaphthylene | 1.1 | J | 10 | 0.82 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[a]pyrene | 1.7 | | 1.0 | 0.41 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[b]fluoranthene | 0.99 | J | 2.0 | 0.68 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 1.4 | J | 10 | 0.70 | ug/L | 1 | | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 1.0 | J | 2.0 | 0.94 | ug/L | 1 | | 8270E | Total/NA |

## Client Sample ID: HHMW-14
## Lab Sample ID: 460-321765-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzo[a]pyrene | 0.87 | J | 1.0 | 0.41 | ug/L | 1 | | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: GEI Consultants Inc
Job ID: 460-321765-1
Project/Site: National Grid - Downstate Halesite

## Client Sample ID: DUP-01
## Lab Sample ID: 460-321765-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.79 | | 0.45 | 0.070 | ug/L | 1 | | 8260D | Total/NA |
| Ethylbenzene | 14 | | 1.0 | 0.30 | ug/L | 1 | | 8260D | Total/NA |
| Xylenes, Total | 2.3 | | 2.0 | 0.65 | ug/L | 1 | | 8260D | Total/NA |
| Acenaphthene | 20 | | 10 | 1.1 | ug/L | 1 | | 8270E | Total/NA |
| Fluorene | 4.0 | J | 10 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Naphthalene | 2.8 | | 2.0 | 0.54 | ug/L | 1 | | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: GEI Consultants Inc
Job ID: 460-321765-1
Project/Site: National Grid - Downstate Halesite

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260D | Volatile Organic Compounds by GC/MS | SW846 | EET EDI |
| 8270E | Semivolatile Organic Compounds (GC/MS) | SW846 | EET EDI |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | EET EDI |
| 5030C | Purge and Trap | SW846 | EET EDI |

**Protocol References:**

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: TB-030425
**Lab Sample ID: 460-321765-1**

**Date Collected: 03/04/25 00:00**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 03/10/25 17:52 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 03/10/25 17:52 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 17:52 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 03/10/25 17:52 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 03/10/25 17:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *70 - 128* | | *03/10/25 17:52* | *1* |
| *4-Bromofluorobenzene* | *95* | | *76 - 120* | | *03/10/25 17:52* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *77 - 132* | | *03/10/25 17:52* | *1* |
| *Toluene-d8 (Surr)* | *108* | | *80 - 120* | | *03/10/25 17:52* | *1* |

## Client Sample ID: FB-030425
**Lab Sample ID: 460-321765-2**

**Date Collected: 03/04/25 11:30**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 03/10/25 15:34 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 03/10/25 15:34 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 15:34 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 03/10/25 15:34 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 03/10/25 15:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *70 - 128* | | *03/10/25 15:34* | *1* |
| *4-Bromofluorobenzene* | *94* | | *76 - 120* | | *03/10/25 15:34* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | | *77 - 132* | | *03/10/25 15:34* | *1* |
| *Toluene-d8 (Surr)* | *108* | | *80 - 120* | | *03/10/25 15:34* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 03/08/25 10:26 | 03/09/25 16:15 | 1 |

## Client Sample ID: FB-030425
**Lab Sample ID: 460-321765-2**

**Date Collected: 03/04/25 11:30**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *56* | | *46 - 139* | *03/08/25 10:26* | *03/09/25 16:15* | *1* |
| *Nitrobenzene-d5 (Surr)* | *59* | | *51 - 145* | *03/08/25 10:26* | *03/09/25 16:15* | *1* |
| *Terphenyl-d14 (Surr)* | *17* | | *13 - 159* | *03/08/25 10:26* | *03/09/25 16:15* | *1* |

## Client Sample ID: HHMW-05S2-R
**Lab Sample ID: 460-321765-3**

**Date Collected: 03/04/25 09:40**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 03/10/25 16:13 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 03/10/25 16:13 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 16:13 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 03/10/25 16:13 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 03/10/25 16:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *70 - 128* | | *03/10/25 16:13* | *1* |
| *4-Bromofluorobenzene* | *92* | | *76 - 120* | | *03/10/25 16:13* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *77 - 132* | | *03/10/25 16:13* | *1* |
| *Toluene-d8 (Surr)* | *109* | | *80 - 120* | | *03/10/25 16:13* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 03/08/25 10:26 | 03/09/25 16:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *70* | | *46 - 139* | *03/08/25 10:26* | *03/09/25 16:36* | *1* |
| *Nitrobenzene-d5 (Surr)* | *75* | | *51 - 145* | *03/08/25 10:26* | *03/09/25 16:36* | *1* |
| *Terphenyl-d14 (Surr)* | *24* | | *13 - 159* | *03/08/25 10:26* | *03/09/25 16:36* | *1* |

## Client Sample ID: HHMW-19S1
**Lab Sample ID: 460-321765-4**
**Date Collected: 03/04/25 09:55**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Benzene** | **0.74** | | 0.45 | 0.070 | ug/L | | | 03/10/25 16:33 | 1 |
| **Ethylbenzene** | **12** | | 1.0 | 0.30 | ug/L | | | 03/10/25 16:33 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 16:33 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 03/10/25 16:33 | 1 |
| **Xylenes, Total** | **2.1** | | 2.0 | 0.65 | ug/L | | | 03/10/25 16:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *70 - 128* | | *03/10/25 16:33* | *1* |
| *4-Bromofluorobenzene* | *92* | | *76 - 120* | | *03/10/25 16:33* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *77 - 132* | | *03/10/25 16:33* | *1* |
| *Toluene-d8 (Surr)* | *110* | | *80 - 120* | | *03/10/25 16:33* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| **Acenaphthene** | **21** | | 10 | 1.1 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| **Fluorene** | **4.1** | **J** | 10 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| **Naphthalene** | **2.5** | | 2.0 | 0.54 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 03/08/25 10:26 | 03/09/25 16:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *68* | | *46 - 139* | *03/08/25 10:26* | *03/09/25 16:58* | *1* |
| *Nitrobenzene-d5 (Surr)* | *73* | | *51 - 145* | *03/08/25 10:26* | *03/09/25 16:58* | *1* |
| *Terphenyl-d14 (Surr)* | *19* | | *13 - 159* | *03/08/25 10:26* | *03/09/25 16:58* | *1* |

## Client Sample ID: MW-03
**Lab Sample ID: 460-321765-5**
**Date Collected: 03/04/25 10:50**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 03/10/25 16:52 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 03/10/25 16:52 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 16:52 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 03/10/25 16:52 | 1 |
| **Xylenes, Total** | **0.73** | **J** | 2.0 | 0.65 | ug/L | | | 03/10/25 16:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *70 - 128* | | *03/10/25 16:52* | *1* |

## Client Sample ID: MW-03
**Lab Sample ID: 460-321765-5**
**Date Collected: 03/04/25 10:50**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene* | *93* | | *76 - 120* | | *03/10/25 16:52* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *77 - 132* | | *03/10/25 16:52* | *1* |
| *Toluene-d8 (Surr)* | *108* | | *80 - 120* | | *03/10/25 16:52* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Acenaphthene** | **26** | | 10 | 1.1 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Acenaphthylene** | **9.4** | **J** | 10 | 0.82 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Anthracene** | **3.8** | **J** | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Benzo[a]anthracene** | **15** | | 1.0 | 0.59 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Benzo[a]pyrene** | **24** | | 1.0 | 0.41 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Benzo[b]fluoranthene** | **17** | | 2.0 | 0.68 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Benzo[g,h,i]perylene** | **16** | | 10 | 0.70 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Benzo[k]fluoranthene** | **6.3** | | 1.0 | 0.67 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Chrysene** | **14** | | 2.0 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Dibenz(a,h)anthracene** | **2.3** | | 1.0 | 0.72 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Fluoranthene** | **23** | | 10 | 0.84 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Fluorene** | **1.6** | **J** | 10 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **12** | | 2.0 | 0.94 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Phenanthrene** | **4.6** | **J** | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |
| **Pyrene** | **32** | | 10 | 1.6 | ug/L | | 03/08/25 10:26 | 03/09/25 21:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *68* | | *46 - 139* | *03/08/25 10:26* | *03/09/25 21:10* | *1* |
| *Nitrobenzene-d5 (Surr)* | *73* | | *51 - 145* | *03/08/25 10:26* | *03/09/25 21:10* | *1* |
| *Terphenyl-d14 (Surr)* | *24* | | *13 - 159* | *03/08/25 10:26* | *03/09/25 21:10* | *1* |

## Client Sample ID: HHMW-09S1
**Lab Sample ID: 460-321765-6**
**Date Collected: 03/04/25 12:30**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 03/10/25 15:54 | 1 |
| **Ethylbenzene** | **0.89** | **J** | 1.0 | 0.30 | ug/L | | | 03/10/25 15:54 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 15:54 | 1 |
| **Toluene** | **2.0** | | 1.0 | 0.38 | ug/L | | | 03/10/25 15:54 | 1 |
| **Xylenes, Total** | **14** | | 2.0 | 0.65 | ug/L | | | 03/10/25 15:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *70 - 128* | | *03/10/25 15:54* | *1* |
| *4-Bromofluorobenzene* | *95* | | *76 - 120* | | *03/10/25 15:54* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *77 - 132* | | *03/10/25 15:54* | *1* |
| *Toluene-d8 (Surr)* | *109* | | *80 - 120* | | *03/10/25 15:54* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |

## Client Sample ID: HHMW-09S1
**Lab Sample ID: 460-321765-6**
**Date Collected: 03/04/25 12:30**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| **Acenaphthylene** | **1.1** | **J** | 10 | 0.82 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| **Benzo[a]pyrene** | **1.7** | | 1.0 | 0.41 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| **Benzo[b]fluoranthene** | **0.99** | **J** | 2.0 | 0.68 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| **Benzo[g,h,i]perylene** | **1.4** | **J** | 10 | 0.70 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **1.0** | **J** | 2.0 | 0.94 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 03/08/25 10:26 | 03/09/25 19:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *67* | | *46 - 139* | *03/08/25 10:26* | *03/09/25 19:25* | *1* |
| *Nitrobenzene-d5 (Surr)* | *74* | | *51 - 145* | *03/08/25 10:26* | *03/09/25 19:25* | *1* |
| *Terphenyl-d14 (Surr)* | *18* | | *13 - 159* | *03/08/25 10:26* | *03/09/25 19:25* | *1* |

## Client Sample ID: HHMW-14
**Lab Sample ID: 460-321765-7**
**Date Collected: 03/04/25 12:50**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 03/10/25 17:12 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 03/10/25 17:12 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 17:12 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 03/10/25 17:12 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 03/10/25 17:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *70 - 128* | | *03/10/25 17:12* | *1* |
| *4-Bromofluorobenzene* | *90* | | *76 - 120* | | *03/10/25 17:12* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *77 - 132* | | *03/10/25 17:12* | *1* |
| *Toluene-d8 (Surr)* | *110* | | *80 - 120* | | *03/10/25 17:12* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| **Benzo[a]pyrene** | **0.87** | **J** | 1.0 | 0.41 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |

## Client Sample ID: HHMW-14
**Lab Sample ID: 460-321765-7**

**Date Collected: 03/04/25 12:50**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 03/08/25 10:26 | 03/09/25 17:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *66* | | *46 - 139* | *03/08/25 10:26* | *03/09/25 17:18* | *1* |
| *Nitrobenzene-d5 (Surr)* | *71* | | *51 - 145* | *03/08/25 10:26* | *03/09/25 17:18* | *1* |
| *Terphenyl-d14 (Surr)* | *22* | | *13 - 159* | *03/08/25 10:26* | *03/09/25 17:18* | *1* |

## Client Sample ID: DUP-01
**Lab Sample ID: 460-321765-8**

**Date Collected: 03/04/25 00:00**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Benzene** | **0.79** | | 0.45 | 0.070 | ug/L | | | 03/10/25 17:32 | 1 |
| **Ethylbenzene** | **14** | | 1.0 | 0.30 | ug/L | | | 03/10/25 17:32 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 17:32 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 03/10/25 17:32 | 1 |
| **Xylenes, Total** | **2.3** | | 2.0 | 0.65 | ug/L | | | 03/10/25 17:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *70 - 128* | | *03/10/25 17:32* | *1* |
| *4-Bromofluorobenzene* | *92* | | *76 - 120* | | *03/10/25 17:32* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *77 - 132* | | *03/10/25 17:32* | *1* |
| *Toluene-d8 (Surr)* | *107* | | *80 - 120* | | *03/10/25 17:32* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| **Acenaphthene** | **20** | | 10 | 1.1 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| **Fluorene** | **4.0** | **J** | 10 | 0.91 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| **Naphthalene** | **2.8** | | 2.0 | 0.54 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 03/08/25 10:26 | 03/09/25 17:39 | 1 |

## Client Sample ID: DUP-01
**Date Collected: 03/04/25 00:00**
**Date Received: 03/05/25 19:30**

## Lab Sample ID: 460-321765-8
**Matrix: Water**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 74 | | 46 - 139 | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Nitrobenzene-d5 (Surr) | 76 | | 51 - 145 | 03/08/25 10:26 | 03/09/25 17:39 | 1 |
| Terphenyl-d14 (Surr) | 22 | | 13 - 159 | 03/08/25 10:26 | 03/09/25 17:39 | 1 |

# Surrogate Summary

Client: GEI Consultants Inc
Job ID: 460-321765-1
Project/Site: National Grid - Downstate Halesite

## 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) |
| 460-321765-1 | TB-030425 | 102 | 95 | 97 | 108 |
| 460-321765-2 | FB-030425 | 99 | 94 | 96 | 108 |
| 460-321765-3 | HHMW-05S2-R | 102 | 92 | 98 | 109 |
| 460-321765-4 | HHMW-19S1 | 101 | 92 | 97 | 110 |
| 460-321765-5 | MW-03 | 100 | 93 | 97 | 108 |
| 460-321765-6 | HHMW-09S1 | 101 | 95 | 98 | 109 |
| 460-321765-6 MS | HHMW-09S1 | 108 | 92 | 97 | 109 |
| 460-321765-6 MSD | HHMW-09S1 | 102 | 94 | 96 | 109 |
| 460-321765-7 | HHMW-14 | 97 | 90 | 97 | 110 |
| 460-321765-8 | DUP-01 | 103 | 92 | 98 | 107 |
| LCS 460-1024987/6 | Lab Control Sample | 104 | 92 | 95 | 108 |
| LCSD 460-1024987/24 | Lab Control Sample Dup | 100 | 92 | 96 | 110 |
| MB 460-1024987/10 | Method Blank | 95 | 93 | 95 | 107 |

**Surrogate Legend**

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

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

**Matrix: Water**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | |
|---|---|---|---|---|
| | | FBP | NBZ | TPHL |
| Lab Sample ID | Client Sample ID | (46-139) | (51-145) | (13-159) |
| 460-321765-2 | FB-030425 | 56 | 59 | 17 |
| 460-321765-3 | HHMW-05S2-R | 70 | 75 | 24 |
| 460-321765-4 | HHMW-19S1 | 68 | 73 | 19 |
| 460-321765-5 | MW-03 | 68 | 73 | 24 |
| 460-321765-6 | HHMW-09S1 | 67 | 74 | 18 |
| 460-321765-6 MS | HHMW-09S1 | 76 | 78 | 35 |
| 460-321765-6 MSD | HHMW-09S1 | 66 | 72 | 26 |
| 460-321765-7 | HHMW-14 | 66 | 71 | 22 |
| 460-321765-8 | DUP-01 | 74 | 76 | 22 |
| LCS 460-1024840/2-A | Lab Control Sample | 85 | 84 | 64 |
| LCSD 460-1024840/3-A | Lab Control Sample Dup | 84 | 85 | 65 |
| MB 460-1024840/1-A | Method Blank | 89 | 87 | 67 |

**Surrogate Legend**

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

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

**Lab Sample ID: MB 460-1024987/10**
**Matrix: Water**
**Analysis Batch: 1024987**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 03/10/25 09:40 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 03/10/25 09:40 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 03/10/25 09:40 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 03/10/25 09:40 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 03/10/25 09:40 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *70 - 128* | | *03/10/25 09:40* | *1* |
| *4-Bromofluorobenzene* | *93* | | *76 - 120* | | *03/10/25 09:40* | *1* |
| *Dibromofluoromethane (Surr)* | *95* | | *77 - 132* | | *03/10/25 09:40* | *1* |
| *Toluene-d8 (Surr)* | *107* | | *80 - 120* | | *03/10/25 09:40* | *1* |

**Lab Sample ID: LCS 460-1024987/6**
**Matrix: Water**
**Analysis Batch: 1024987**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 20.0 | 18.8 | | ug/L | | 94 | 71 - 126 | | |
| Ethylbenzene | | | 20.0 | 21.1 | | ug/L | | 106 | 78 - 120 | | |
| Methyl tert-butyl ether | | | 20.0 | 17.2 | | ug/L | | 86 | 72 - 131 | | |
| Toluene | | | 20.0 | 20.6 | | ug/L | | 103 | 78 - 120 | | |
| Xylenes, Total | | | 40.0 | 40.1 | | ug/L | | 100 | 80 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *70 - 128* |
| *4-Bromofluorobenzene* | *92* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *95* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *108* | | *80 - 120* |

**Lab Sample ID: LCSD 460-1024987/24**
**Matrix: Water**
**Analysis Batch: 1024987**

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 20.0 | 20.9 | | ug/L | | 104 | 71 - 126 | 10 | 30 |
| Ethylbenzene | | | 20.0 | 23.6 | | ug/L | | 118 | 78 - 120 | 11 | 30 |
| Methyl tert-butyl ether | | | 20.0 | 20.4 | | ug/L | | 102 | 72 - 131 | 17 | 30 |
| Toluene | | | 20.0 | 23.0 | | ug/L | | 115 | 78 - 120 | 11 | 30 |
| Xylenes, Total | | | 40.0 | 45.8 | | ug/L | | 115 | 80 - 120 | 13 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *70 - 128* |
| *4-Bromofluorobenzene* | *92* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *96* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *110* | | *80 - 120* |

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

**Lab Sample ID: 460-321765-6 MS**
**Matrix: Water**
**Analysis Batch: 1024987**

**Client Sample ID: HHMW-09S1**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 20.0 | 23.8 | | ug/L | | 119 | 71 - 126 |
| Ethylbenzene | 0.89 | J | 20.0 | 27.2 | * | ug/L | | 132 | 78 - 120 |
| Methyl tert-butyl ether | 1.0 | U | 20.0 | 23.1 | | ug/L | | 116 | 72 - 131 |
| Toluene | 2.0 | | 20.0 | 27.7 | * | ug/L | | 128 | 78 - 120 |
| Xylenes, Total | 14 | | 40.0 | 66.1 | * | ug/L | | 129 | 80 - 120 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *70 - 128* |
| *4-Bromofluorobenzene* | *92* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *97* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *109* | | *80 - 120* |

**Lab Sample ID: 460-321765-6 MSD**
**Matrix: Water**
**Analysis Batch: 1024987**

**Client Sample ID: HHMW-09S1**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 20.0 | 18.2 | | ug/L | | 91 | 71 - 126 | 27 | 30 |
| Ethylbenzene | 0.89 | J | 20.0 | 20.9 | | ug/L | | 100 | 78 - 120 | 26 | 30 |
| Methyl tert-butyl ether | 1.0 | U | 20.0 | 17.5 | | ug/L | | 87 | 72 - 131 | 28 | 30 |
| Toluene | 2.0 | | 20.0 | 21.3 | | ug/L | | 96 | 78 - 120 | 26 | 30 |
| Xylenes, Total | 14 | | 40.0 | 50.9 | | ug/L | | 91 | 80 - 120 | 26 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *70 - 128* |
| *4-Bromofluorobenzene* | *94* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *96* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *109* | | *80 - 120* |

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

**Lab Sample ID: MB 460-1024840/1-A**
**Matrix: Water**
**Analysis Batch: 1024844**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1024840**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |

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

**Lab Sample ID: MB 460-1024840/1-A**
**Matrix: Water**
**Analysis Batch: 1024844**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1024840**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 03/08/25 10:26 | 03/08/25 12:34 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *89* | | *46 - 139* | *03/08/25 10:26* | *03/08/25 12:34* | *1* |
| *Nitrobenzene-d5 (Surr)* | *87* | | *51 - 145* | *03/08/25 10:26* | *03/08/25 12:34* | *1* |
| *Terphenyl-d14 (Surr)* | *67* | | *13 - 159* | *03/08/25 10:26* | *03/08/25 12:34* | *1* |

**Lab Sample ID: LCS 460-1024840/2-A**
**Matrix: Water**
**Analysis Batch: 1024844**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1024840**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 57.6 | | ug/L | | 72 | 42 - 134 |
| Acenaphthene | 80.0 | 65.2 | | ug/L | | 82 | 62 - 127 |
| Acenaphthylene | 80.0 | 70.7 | | ug/L | | 88 | 58 - 122 |
| Anthracene | 80.0 | 67.3 | | ug/L | | 84 | 67 - 127 |
| Benzo[a]anthracene | 80.0 | 68.0 | | ug/L | | 85 | 71 - 131 |
| Benzo[a]pyrene | 80.0 | 74.2 | | ug/L | | 93 | 75 - 148 |
| Benzo[b]fluoranthene | 80.0 | 70.8 | | ug/L | | 88 | 70 - 140 |
| Benzo[g,h,i]perylene | 80.0 | 61.4 | | ug/L | | 77 | 52 - 143 |
| Benzo[k]fluoranthene | 80.0 | 70.2 | | ug/L | | 88 | 71 - 140 |
| Chrysene | 80.0 | 64.6 | | ug/L | | 81 | 70 - 132 |
| Dibenz(a,h)anthracene | 80.0 | 61.7 | | ug/L | | 77 | 53 - 150 |
| Fluoranthene | 80.0 | 71.7 | | ug/L | | 90 | 69 - 137 |
| Fluorene | 80.0 | 68.2 | | ug/L | | 85 | 67 - 125 |
| Indeno[1,2,3-cd]pyrene | 80.0 | 62.0 | | ug/L | | 77 | 59 - 150 |
| Naphthalene | 80.0 | 65.9 | | ug/L | | 82 | 39 - 126 |
| Phenanthrene | 80.0 | 66.1 | | ug/L | | 83 | 68 - 126 |
| Pyrene | 80.0 | 62.6 | | ug/L | | 78 | 60 - 137 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *85* | | *46 - 139* |
| *Nitrobenzene-d5 (Surr)* | *84* | | *51 - 145* |
| *Terphenyl-d14 (Surr)* | *64* | | *13 - 159* |

**Lab Sample ID: LCSD 460-1024840/3-A**
**Matrix: Water**
**Analysis Batch: 1024844**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 1024840**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 57.2 | | ug/L | | 71 | 42 - 134 | 1 | 30 |
| Acenaphthene | 80.0 | 65.9 | | ug/L | | 82 | 62 - 127 | 1 | 30 |
| Acenaphthylene | 80.0 | 70.1 | | ug/L | | 88 | 58 - 122 | 1 | 30 |
| Anthracene | 80.0 | 68.1 | | ug/L | | 85 | 67 - 127 | 1 | 30 |

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

**Lab Sample ID: LCSD 460-1024840/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Water**
**Prep Type: Total/NA**
**Analysis Batch: 1024844**
**Prep Batch: 1024840**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzo[a]anthracene | | | 80.0 | 67.8 | | ug/L | | 85 | 71 - 131 | 0 | 30 |
| Benzo[a]pyrene | | | 80.0 | 76.0 | | ug/L | | 95 | 75 - 148 | 2 | 30 |
| Benzo[b]fluoranthene | | | 80.0 | 71.6 | | ug/L | | 90 | 70 - 140 | 1 | 30 |
| Benzo[g,h,i]perylene | | | 80.0 | 62.5 | | ug/L | | 78 | 52 - 143 | 2 | 30 |
| Benzo[k]fluoranthene | | | 80.0 | 71.9 | | ug/L | | 90 | 71 - 140 | 2 | 30 |
| Chrysene | | | 80.0 | 64.6 | | ug/L | | 81 | 70 - 132 | 0 | 30 |
| Dibenz(a,h)anthracene | | | 80.0 | 62.0 | | ug/L | | 77 | 53 - 150 | 0 | 30 |
| Fluoranthene | | | 80.0 | 71.3 | | ug/L | | 89 | 69 - 137 | 1 | 30 |
| Fluorene | | | 80.0 | 67.5 | | ug/L | | 84 | 67 - 125 | 1 | 30 |
| Indeno[1,2,3-cd]pyrene | | | 80.0 | 61.7 | | ug/L | | 77 | 59 - 150 | 0 | 30 |
| Naphthalene | | | 80.0 | 65.6 | | ug/L | | 82 | 39 - 126 | 0 | 30 |
| Phenanthrene | | | 80.0 | 65.7 | | ug/L | | 82 | 68 - 126 | 1 | 30 |
| Pyrene | | | 80.0 | 61.0 | | ug/L | | 76 | 60 - 137 | 3 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *84* | | *46 - 139* |
| *Nitrobenzene-d5 (Surr)* | *85* | | *51 - 145* |
| *Terphenyl-d14 (Surr)* | *65* | | *13 - 159* |

**Lab Sample ID: 460-321765-6 MS**
**Client Sample ID: HHMW-09S1**
**Matrix: Water**
**Prep Type: Total/NA**
**Analysis Batch: 1024950**
**Prep Batch: 1024840**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 40.0 | 35.3 | | ug/L | | 88 | 42 - 134 |
| Acenaphthene | 10 | U | 40.0 | 42.3 | | ug/L | | 106 | 62 - 127 |
| Acenaphthylene | 1.1 | J | 40.0 | 47.2 | | ug/L | | 115 | 58 - 122 |
| Anthracene | 10 | U | 40.0 | 44.4 | | ug/L | | 111 | 67 - 127 |
| Benzo[a]anthracene | 1.0 | U | 40.0 | 43.7 | | ug/L | | 109 | 71 - 131 |
| Benzo[a]pyrene | 1.7 | | 40.0 | 51.7 | | ug/L | | 125 | 75 - 148 |
| Benzo[b]fluoranthene | 0.99 | J | 40.0 | 45.7 | | ug/L | | 112 | 70 - 140 |
| Benzo[g,h,i]perylene | 1.4 | J | 40.0 | 49.7 | | ug/L | | 121 | 52 - 143 |
| Benzo[k]fluoranthene | 1.0 | U | 40.0 | 45.4 | | ug/L | | 114 | 71 - 140 |
| Chrysene | 2.0 | U | 40.0 | 43.0 | | ug/L | | 107 | 70 - 132 |
| Dibenz(a,h)anthracene | 1.0 | U | 40.0 | 45.0 | | ug/L | | 112 | 53 - 150 |
| Fluoranthene | 10 | U | 40.0 | 46.9 | | ug/L | | 117 | 69 - 137 |
| Fluorene | 10 | U | 40.0 | 44.3 | | ug/L | | 111 | 67 - 125 |
| Indeno[1,2,3-cd]pyrene | 1.0 | J | 40.0 | 47.7 | | ug/L | | 117 | 59 - 150 |
| Naphthalene | 2.0 | U | 40.0 | 40.8 | | ug/L | | 102 | 39 - 126 |
| Phenanthrene | 10 | U | 40.0 | 42.1 | | ug/L | | 105 | 68 - 126 |
| Pyrene | 10 | U | 40.0 | 40.0 | | ug/L | | 100 | 60 - 137 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *76* | | *46 - 139* |
| *Nitrobenzene-d5 (Surr)* | *78* | | *51 - 145* |
| *Terphenyl-d14 (Surr)* | *35* | | *13 - 159* |

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

**Lab Sample ID: 460-321765-6 MSD**
**Client Sample ID: HHMW-09S1**
**Matrix: Water**
**Prep Type: Total/NA**
**Analysis Batch: 1024950**
**Prep Batch: 1024840**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 40.0 | 29.8 | | ug/L | | 74 | 42 - 134 | 17 | 30 |
| Acenaphthene | 10 | U | 40.0 | 34.9 | | ug/L | | 87 | 62 - 127 | 19 | 30 |
| Acenaphthylene | 1.1 | J | 40.0 | 39.2 | | ug/L | | 95 | 58 - 122 | 19 | 30 |
| Anthracene | 10 | U | 40.0 | 33.7 | | ug/L | | 84 | 67 - 127 | 27 | 30 |
| Benzo[a]anthracene | 1.0 | U | 40.0 | 33.1 | | ug/L | | 83 | 71 - 131 | 28 | 30 |
| Benzo[a]pyrene | 1.7 | | 40.0 | 38.7 | | ug/L | | 93 | 75 - 148 | 29 | 30 |
| Benzo[b]fluoranthene | 0.99 | J | 40.0 | 34.0 | | ug/L | | 83 | 70 - 140 | 29 | 30 |
| Benzo[g,h,i]perylene | 1.4 | J | 40.0 | 36.8 | | ug/L | | 88 | 52 - 143 | 30 | 30 |
| Benzo[k]fluoranthene | 1.0 | U | 40.0 | 33.0 | * | ug/L | | 83 | 71 - 140 | 32 | 30 |
| Chrysene | 2.0 | U | 40.0 | 32.3 | | ug/L | | 81 | 70 - 132 | 28 | 30 |
| Dibenz(a,h)anthracene | 1.0 | U | 40.0 | 32.0 | * | ug/L | | 80 | 53 - 150 | 34 | 30 |
| Fluoranthene | 10 | U | 40.0 | 34.3 | * | ug/L | | 86 | 69 - 137 | 31 | 30 |
| Fluorene | 10 | U | 40.0 | 34.5 | | ug/L | | 86 | 67 - 125 | 25 | 30 |
| Indeno[1,2,3-cd]pyrene | 1.0 | J | 40.0 | 35.8 | | ug/L | | 87 | 59 - 150 | 28 | 30 |
| Naphthalene | 2.0 | U | 40.0 | 35.6 | | ug/L | | 89 | 39 - 126 | 14 | 30 |
| Phenanthrene | 10 | U | 40.0 | 33.0 | | ug/L | | 82 | 68 - 126 | 24 | 30 |
| Pyrene | 10 | U | 40.0 | 30.1 | | ug/L | | 75 | 60 - 137 | 28 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *66* | | *46 - 139* |
| *Nitrobenzene-d5 (Surr)* | *72* | | *51 - 145* |
| *Terphenyl-d14 (Surr)* | *26* | | *13 - 159* |

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| * | MS or MSD is outside acceptance limits. |
| J | Indicates an estimated value. |
| U | Analyzed for but not detected. |

### GC/MS Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| * | Duplicate RPD exceeds control limits |
| J | Indicates an estimated value. |
| U | 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 |

# QC Association Summary

Client: GEI Consultants Inc
Job ID: 460-321765-1
Project/Site: National Grid - Downstate Halesite

## GC/MS VOA

### Analysis Batch: 1024987

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-321765-1 | TB-030425 | Total/NA | Water | 8260D | |
| 460-321765-2 | FB-030425 | Total/NA | Water | 8260D | |
| 460-321765-3 | HHMW-05S2-R | Total/NA | Water | 8260D | |
| 460-321765-4 | HHMW-19S1 | Total/NA | Water | 8260D | |
| 460-321765-5 | MW-03 | Total/NA | Water | 8260D | |
| 460-321765-6 | HHMW-09S1 | Total/NA | Water | 8260D | |
| 460-321765-7 | HHMW-14 | Total/NA | Water | 8260D | |
| 460-321765-8 | DUP-01 | Total/NA | Water | 8260D | |
| MB 460-1024987/10 | Method Blank | Total/NA | Water | 8260D | |
| LCS 460-1024987/6 | Lab Control Sample | Total/NA | Water | 8260D | |
| LCSD 460-1024987/24 | Lab Control Sample Dup | Total/NA | Water | 8260D | |
| 460-321765-6 MS | HHMW-09S1 | Total/NA | Water | 8260D | |
| 460-321765-6 MSD | HHMW-09S1 | Total/NA | Water | 8260D | |

## GC/MS Semi VOA

### Prep Batch: 1024840

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-321765-2 | FB-030425 | Total/NA | Water | 3510C | |
| 460-321765-3 | HHMW-05S2-R | Total/NA | Water | 3510C | |
| 460-321765-4 | HHMW-19S1 | Total/NA | Water | 3510C | |
| 460-321765-5 | MW-03 | Total/NA | Water | 3510C | |
| 460-321765-6 | HHMW-09S1 | Total/NA | Water | 3510C | |
| 460-321765-7 | HHMW-14 | Total/NA | Water | 3510C | |
| 460-321765-8 | DUP-01 | Total/NA | Water | 3510C | |
| MB 460-1024840/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 460-1024840/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 460-1024840/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |
| 460-321765-6 MS | HHMW-09S1 | Total/NA | Water | 3510C | |
| 460-321765-6 MSD | HHMW-09S1 | Total/NA | Water | 3510C | |

### Analysis Batch: 1024844

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 460-1024840/1-A | Method Blank | Total/NA | Water | 8270E | 1024840 |
| LCS 460-1024840/2-A | Lab Control Sample | Total/NA | Water | 8270E | 1024840 |
| LCSD 460-1024840/3-A | Lab Control Sample Dup | Total/NA | Water | 8270E | 1024840 |

### Analysis Batch: 1024950

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-321765-2 | FB-030425 | Total/NA | Water | 8270E | 1024840 |
| 460-321765-3 | HHMW-05S2-R | Total/NA | Water | 8270E | 1024840 |
| 460-321765-4 | HHMW-19S1 | Total/NA | Water | 8270E | 1024840 |
| 460-321765-5 | MW-03 | Total/NA | Water | 8270E | 1024840 |
| 460-321765-6 | HHMW-09S1 | Total/NA | Water | 8270E | 1024840 |
| 460-321765-7 | HHMW-14 | Total/NA | Water | 8270E | 1024840 |
| 460-321765-8 | DUP-01 | Total/NA | Water | 8270E | 1024840 |
| 460-321765-6 MS | HHMW-09S1 | Total/NA | Water | 8270E | 1024840 |
| 460-321765-6 MSD | HHMW-09S1 | Total/NA | Water | 8270E | 1024840 |

## Client Sample ID: TB-030425
**Lab Sample ID: 460-321765-1**
**Date Collected: 03/04/25 00:00**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1024987 | CJM | EET EDI | 03/10/25 17:52 |

## Client Sample ID: FB-030425
**Lab Sample ID: 460-321765-2**
**Date Collected: 03/04/25 11:30**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1024987 | CJM | EET EDI | 03/10/25 15:34 |
| Total/NA | Prep | 3510C | | | 1024840 | NMP | EET EDI | 03/08/25 10:26 |
| Total/NA | Analysis | 8270E | | 1 | 1024950 | YAH | EET EDI | 03/09/25 16:15 |

## Client Sample ID: HHMW-05S2-R
**Lab Sample ID: 460-321765-3**
**Date Collected: 03/04/25 09:40**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1024987 | CJM | EET EDI | 03/10/25 16:13 |
| Total/NA | Prep | 3510C | | | 1024840 | NMP | EET EDI | 03/08/25 10:26 |
| Total/NA | Analysis | 8270E | | 1 | 1024950 | YAH | EET EDI | 03/09/25 16:36 |

## Client Sample ID: HHMW-19S1
**Lab Sample ID: 460-321765-4**
**Date Collected: 03/04/25 09:55**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1024987 | CJM | EET EDI | 03/10/25 16:33 |
| Total/NA | Prep | 3510C | | | 1024840 | NMP | EET EDI | 03/08/25 10:26 |
| Total/NA | Analysis | 8270E | | 1 | 1024950 | YAH | EET EDI | 03/09/25 16:58 |

## Client Sample ID: MW-03
**Lab Sample ID: 460-321765-5**
**Date Collected: 03/04/25 10:50**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1024987 | CJM | EET EDI | 03/10/25 16:52 |
| Total/NA | Prep | 3510C | | | 1024840 | NMP | EET EDI | 03/08/25 10:26 |
| Total/NA | Analysis | 8270E | | 1 | 1024950 | YAH | EET EDI | 03/09/25 21:10 |

## Client Sample ID: HHMW-09S1
**Lab Sample ID: 460-321765-6**
**Date Collected: 03/04/25 12:30**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1024987 | CJM | EET EDI | 03/10/25 15:54 |
| Total/NA | Prep | 3510C | | | 1024840 | NMP | EET EDI | 03/08/25 10:26 |
| Total/NA | Analysis | 8270E | | 1 | 1024950 | YAH | EET EDI | 03/09/25 19:25 |

# Lab Chronicle

Client: GEI Consultants Inc
Job ID: 460-321765-1
Project/Site: National Grid - Downstate Halesite

## Client Sample ID: HHMW-14
**Lab Sample ID: 460-321765-7**
**Date Collected: 03/04/25 12:50**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1024987 | CJM | EET EDI | 03/10/25 17:12 |
| Total/NA | Prep | 3510C | | | 1024840 | NMP | EET EDI | 03/08/25 10:26 |
| Total/NA | Analysis | 8270E | | 1 | 1024950 | YAH | EET EDI | 03/09/25 17:18 |

## Client Sample ID: DUP-01
**Lab Sample ID: 460-321765-8**
**Date Collected: 03/04/25 00:00**
**Matrix: Water**
**Date Received: 03/05/25 19:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1024987 | CJM | EET EDI | 03/10/25 17:32 |
| Total/NA | Prep | 3510C | | | 1024840 | NMP | EET EDI | 03/08/25 10:26 |
| Total/NA | Analysis | 8270E | | 1 | 1024950 | YAH | EET EDI | 03/09/25 17:39 |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: GEI Consultants Inc
Job ID: 460-321765-1
Project/Site: National Grid - Downstate Halesite

## Laboratory: Eurofins Edison

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| New York | NELAP | 11452 | 04-01-25 |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **14DIOXINTER_00177** | 02/04/25 | 01/04/25 | MeOH, Lot EI863-US | 10 mL | 14DIOXINTER_00154 | 100 uL | 1,4-Dioxane | 500.001 ug/mL |
| .14DIOXINTER_00154 | 02/28/25 | 03/31/23 | MeOH, Lot 22C2862010 | 10 mL | 14DIOXNEAT_00004 | 483.56 uL | 1,4-Dioxane | 50000.1 ug/mL |
| ..14DIOXNEAT_00004 | 02/28/25 | SIGMA-ALDRICH, Lot BCCH3811 | | | (Purchased Reagent) | | 1,4-Dioxane | 1.034 g/g |
| **524FREONS_00029** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 10 mL | 7 Freons_00007 | 250 uL | 1,1,1-Trifluoro-2,2-dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 50 ug/mL |
| .7 Freons_00007 | 04/07/26 | Absolute, Lot 040723 | | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| **7 Freons Hi_00023** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 5 mL | 7 Freons_00007 | 1.25 mL | 1,1,1-Trifluoro-2,2-dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 500 ug/mL |
| .7 Freons_00007 | 04/07/26 | Absolute, Lot 040723 | | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| **8260 SP_00188** | 01/31/25 | 12/31/24 | MeOH, Lot EI836-US | 10 mL | Mega Mix SS_00022 | 200 uL | Benzene | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | Xylenes, Total | 100 ug/mL |
| .Mega Mix SS_00022 | 08/31/25 | RESTEK, Lot A0195252 | | | (Purchased Reagent) | | Benzene | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | Xylenes, Total | 5000 ug/mL |
| **8260MIX1COMB_00199** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 50 mL | 2-CEVEC_00031 | 1 mL | 2-Chloroethyl vinyl ether | 50.12 ug/mL |
| | | | | | EPICH(working_00015 | 0.5 mL | Epichlorohydrin | 1000 ug/mL |
| | | | | | ETHANOL(new)_00025 | 1 mL | Ethanol | 2000 ug/mL |
| | | | | | Extra Cmpd_00024 | 1 mL | 1,2,4,5-Tetramethylbenzene | 50 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 50 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 50 ug/mL |
| | | | | | | | 4-Ethyltoluene | 50 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 50 ug/mL |
| | | | | | | | Butyl Methacrylate | 50 ug/mL |
| | | | | | | | Cyclopentene | 50 ug/mL |
| | | | | | | | Isopropyl acetate | 50 ug/mL |
| | | | | | | | Methyl acrylate | 50 ug/mL |
| | | | | | | | n-Butyl acrylate | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Propyl acetate | 50 ug/mL |
| | | | | | | | p-Diethylbenzene | 50 ug/mL |
| | | | | | | | Pentane | 100 ug/mL |
| | | | | | KetonesC_00030 | 1 mL | 2-Butanone (MEK) | 250 ug/mL |
| | | | | | | | 2-Hexanone | 250 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 250 ug/mL |
| | | | | | | | Acetone | 250 ug/mL |
| | | | | | LIST2/STD6_00023 | 1 mL | 1,2,3-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 50 ug/mL |
| | | | | | | | 2-Nitropropane | 100 ug/mL |
| | | | | | | | Benzyl chloride | 50 ug/mL |
| | | | | | | | Isooctane | 50 ug/mL |
| | | | | | | | Isopropyl alcohol | 500 ug/mL |
| | | | | | | | Methacrylonitrile | 500 ug/mL |
| | | | | | | | n-Butanol | 1250 ug/mL |
| | | | | | LIST2/STD7_00026 | 1 mL | Ethyl acetate | 100 ug/mL |
| | | | | | | | Ethyl acrylate | 50 ug/mL |
| | | | | | | | Methyl methacrylate | 100 ug/mL |
| | | | | | | | n-Butyl acetate | 50 ug/mL |
| | | | | | Mega Mix_00042 | 1 mL | 1,1,1,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 50 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 2-Chlorotoluene | 50 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 500 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 50 ug/mL |
| | | | | | | | 4-Chlorotoluene | 50 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acrylonitrile | 500 ug/mL |
| | | | | | | | Benzene | 50 ug/mL |
| | | | | | | | Bromobenzene | 50 ug/mL |
| | | | | | | | Bromoform | 50 ug/mL |
| | | | | | | | Carbon disulfide | 50 ug/mL |
| | | | | | | | Carbon tetrachloride | 50 ug/mL |
| | | | | | | | Chlorobenzene | 50 ug/mL |
| | | | | | | | Chlorobromomethane | 50 ug/mL |
| | | | | | | | Chlorodibromomethane | 50 ug/mL |
| | | | | | | | Chloroform | 50 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Cyclohexane | 50 ug/mL |
| | | | | | | | Dibromomethane | 50 ug/mL |
| | | | | | | | Dichlorobromomethane | 50 ug/mL |
| | | | | | | | Ethyl ether | 50 ug/mL |
| | | | | | | | Ethyl methacrylate | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | Ethylene Dibromide | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexane | 50 ug/mL |
| | | | | | | | Iodomethane | 50 ug/mL |
| | | | | | | | Isobutyl alcohol | 1250 ug/mL |
| | | | | | | | Isopropylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl acetate | 100 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | Methylcyclohexane | 50 ug/mL |
| | | | | | | | Methylene Chloride | 50 ug/mL |
| | | | | | | | n-Butylbenzene | 50 ug/mL |
| | | | | | | | n-Heptane | 50 ug/mL |
| | | | | | | | N-Propylbenzene | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | sec-Butylbenzene | 50 ug/mL |
| | | | | | | | Styrene | 50 ug/mL |
| | | | | | | | tert-Butylbenzene | 50 ug/mL |
| | | | | | | | Tetrachloroethene | 50 ug/mL |
| | | | | | | | Tetrahydrofuran | 100 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 50 ug/mL |
| | | | | | | | Trichloroethene | 50 ug/mL |
| | | | | | POLAR ADD_00030 | 1 mL | Acetonitrile | 500 ug/mL |
| | | | | | | | Isopropyl ether | 50 ug/mL |
| | | | | | | | Propionitrile | 500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Tert-amyl methyl ether | 50 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 50 ug/mL |
| | | | | | Vinyl Acetate_00101 | 1 mL | Vinyl acetate | 100 ug/mL |
| .2-CEVEC_00031 | 06/30/27 | | RESTEK, Lot A0213181 | | (Purchased Reagent) | | 2-Chloroethyl vinyl ether | 2506 ug/mL |
| .EPICH(working_00015 | 09/24/25 | 11/21/24 | MeOH, Lot EI863-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .ETHANOL(new)_00025 | 05/31/27 | | RESTEK, Lot A0212265 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| .Extra Cmpd_00024 | 09/29/25 | | Absolute, Lot 092922 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Cyclopentene | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .KetonesC_00030 | 04/30/27 | | RESTEK, Lot A0210935 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .LIST2/STD6_00023 | 03/31/26 | | RESTEK, Lot A0216327 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00026 | 01/31/26 | | RESTEK, Lot A0213624 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .Mega Mix_00042 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .POLAR ADD_00030 | 04/30/26 | | RESTEK, Lot A0210249 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| .Vinyl Acetate_00101 | 09/30/25 | | RESTEK, Lot A0209567 | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **8260MIX1COMB_00199** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 50 mL | Mega Mix_00042 | 1 mL | Xylenes, Total | 100 ug/mL |
| .Mega Mix_00042 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | Xylenes, Total | 5000 ug/mL |
| **8260MIX1COMB_00201** | 03/20/25 | 02/20/25 | MeOH, Lot EI863-US | 50 mL | Mega Mix_00043 | 1 mL | Benzene | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | Xylenes, Total | 100 ug/mL |
| .Mega Mix_00043 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | Benzene | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | Xylenes, Total | 5000 ug/mL |
| **ACROLEIN W_00178** | 01/20/25 | 12/20/24 | MeOH, Lot EI863-US | 10 mL | ACROLEIN_00025 | 250 uL | Acrolein | 500 ug/mL |
| .ACROLEIN_00025 | 09/30/25 | | RESTEK, Lot A0209476 | | (Purchased Reagent) | | Acrolein | 20000 ug/mL |
| **ACRY/EPIH MIX_00133** | 02/04/25 | 01/04/25 | MeOH, Lot EI863-US | 10 mL | Acrylonitrile_00010 | 500 uL | Acrylonitrile | 50 ug/mL |
| | | | | | EPICH(working_00015 | 12.5 uL | Epichlorohydrin | 125 ug/mL |
| .Acrylonitrile_00010 | 06/15/26 | | ABSOLUTE, Lot 061523 | | (Purchased Reagent) | | Acrylonitrile | 1000 ug/mL |
| .EPICH(working_00015 | 09/24/25 | 11/21/24 | MeOH, Lot EI863-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| **BFB_00038** | | | | | | | 1,2-Dichloroethene, Total | |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Dichloropropene, Total | |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Total BTEX | |
| | | | | | | | Xylenes, Total | |
| | | | | | VMC21SU_00011 | 100 uL | 4-Bromofluorobenzene | 25 ug/mL |
| | | | | | | | BFB | 25 ug/mL |
| .VMC21SU_00011 | 03/08/27 | | Absolute, Lot 030822 | | (Purchased Reagent) | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | BFB | 2500 ug/mL |
| **Ethanol mix_00097** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 5 mL | ETHANOL(new)_00025 | 1 mL | Ethanol | 20000 ug/mL |
| .ETHANOL(new)_00025 | 05/31/27 | | RESTEK, Lot A0212265 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| **GAS Hi_00487** | 01/29/25 | 01/15/25 | MeOH, Lot EI863-US | 5 mL | GASES C_00041 | 1 mL | Bromomethane | 500 ug/mL |
| | | | | | | | Butadiene | 500 ug/mL |
| | | | | | | | Chloroethane | 500 ug/mL |
| | | | | | | | Chloromethane | 500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 500 ug/mL |
| | | | | | | | Vinyl chloride | 500 ug/mL |
| .GASES C_00041 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GASES Li_00621** | 01/17/25 | 01/10/25 | MeOH, Lot EI863-US | 25 mL | GASES C_00041 | 0.5 mL | Bromomethane | 50 ug/mL |
| | | | | | | | Butadiene | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Dichlorofluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES C_00041 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **MIX 2 Hi_00157** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 5 mL | 2-CEVEC_00031 | 1 mL | 2-Chloroethyl vinyl ether | 501.2 ug/mL |
| | | | | | Extra Cmpd_00024 | 1 mL | 1,2,4,5-Tetramethylbenzene | 500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Methyl-1,3-butadiene | 500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 500 ug/mL |
| | | | | | | | Butyl Methacrylate | 500 ug/mL |
| | | | | | | | Cyclopentene | 500 ug/mL |
| | | | | | | | Isopropyl acetate | 500 ug/mL |
| | | | | | | | Methyl acrylate | 500 ug/mL |
| | | | | | | | n-Butyl acrylate | 500 ug/mL |
| | | | | | | | n-Propyl acetate | 500 ug/mL |
| | | | | | | | p-Diethylbenzene | 500 ug/mL |
| | | | | | | | Pentane | 1000 ug/mL |
| | | | | | LIST2/STD6_00023 | 1 mL | 1,2,3-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 500 ug/mL |
| | | | | | | | 2-Nitropropane | 1000 ug/mL |
| | | | | | | | Benzyl chloride | 500 ug/mL |
| | | | | | | | Isooctane | 500 ug/mL |
| | | | | | | | Isopropyl alcohol | 5000 ug/mL |
| | | | | | | | Methacrylonitrile | 5000 ug/mL |
| | | | | | | | n-Butanol | 12500 ug/mL |
| | | | | | LIST2/STD7_00026 | 1 mL | Ethyl acetate | 1000 ug/mL |
| | | | | | | | Ethyl acrylate | 500 ug/mL |
| | | | | | | | Methyl methacrylate | 1000 ug/mL |
| | | | | | | | n-Butyl acetate | 500 ug/mL |
| | | | | | POLAR ADD_00030 | 1 mL | Acetonitrile | 5000 ug/mL |
| | | | | | | | Isopropyl ether | 500 ug/mL |
| | | | | | | | Propionitrile | 5000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 500 ug/mL |
| .2-CEVEC_00031 | 06/30/27 | | RESTEK, Lot A0213181 | | (Purchased Reagent) | | 2-Chloroethyl vinyl ether | 2506 ug/mL |
| .Extra Cmpd_00024 | 09/29/25 | | Absolute, Lot 092922 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Cyclopentene | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .LIST2/STD6_00023 | 03/31/26 | | RESTEK, Lot A0216327 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00026 | 01/31/26 | | RESTEK, Lot A0213624 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .POLAR ADD_00030 | 04/30/26 | | RESTEK, Lot A0210249 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| **MIX I Hi_00184** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 5 mL | EPICH(working_00015 | 0.5 mL | Epichlorohydrin | 10000 ug/mL |
| | | | | | KetonesC_00030 | 1 mL | 2-Butanone (MEK) | 2500 ug/mL |
| | | | | | | | 2-Hexanone | 2500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 2500 ug/mL |
| | | | | | | | Acetone | 2500 ug/mL |
| | | | | | Mega Mix_00042 | 1 mL | 1,1,1,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,4-Dioxane | 10000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 5000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acrylonitrile | 5000 ug/mL |
| | | | | | | | Benzene | 500 ug/mL |
| | | | | | | | Bromobenzene | 500 ug/mL |
| | | | | | | | Bromoform | 500 ug/mL |
| | | | | | | | Carbon disulfide | 500 ug/mL |
| | | | | | | | Carbon tetrachloride | 500 ug/mL |
| | | | | | | | Chlorobenzene | 500 ug/mL |
| | | | | | | | Chlorobromomethane | 500 ug/mL |
| | | | | | | | Chlorodibromomethane | 500 ug/mL |
| | | | | | | | Chloroform | 500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | Cyclohexane | 500 ug/mL |
| | | | | | | | Dibromomethane | 500 ug/mL |
| | | | | | | | Dichlorobromomethane | 500 ug/mL |
| | | | | | | | Ethyl ether | 500 ug/mL |
| | | | | | | | Ethyl methacrylate | 500 ug/mL |
| | | | | | | | Ethylbenzene | 500 ug/mL |
| | | | | | | | Ethylene Dibromide | 500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 500 ug/mL |
| | | | | | | | Hexane | 500 ug/mL |
| | | | | | | | Iodomethane | 500 ug/mL |
| | | | | | | | Isobutyl alcohol | 12500 ug/mL |
| | | | | | | | Isopropylbenzene | 500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 500 ug/mL |
| | | | | | | | Methyl acetate | 1000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 500 ug/mL |
| | | | | | | | Methylcyclohexane | 500 ug/mL |
| | | | | | | | Methylene Chloride | 500 ug/mL |
| | | | | | | | n-Butylbenzene | 500 ug/mL |
| | | | | | | | n-Heptane | 500 ug/mL |
| | | | | | | | N-Propylbenzene | 500 ug/mL |
| | | | | | | | Naphthalene | 500 ug/mL |
| | | | | | | | o-Xylene | 500 ug/mL |
| | | | | | | | sec-Butylbenzene | 500 ug/mL |
| | | | | | | | Styrene | 500 ug/mL |
| | | | | | | | tert-Butylbenzene | 500 ug/mL |
| | | | | | | | Tetrachloroethene | 500 ug/mL |
| | | | | | | | Tetrahydrofuran | 1000 ug/mL |
| | | | | | | | Toluene | 500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 500 ug/mL |
| | | | | | | | Trichloroethene | 500 ug/mL |
| | | | | | Vinyl Acetate_00102 | 1 mL | Vinyl acetate | 1000 ug/mL |
| .EPICH(working_00015 | 09/24/25 | 11/21/24 | MeOH, Lot EI863-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | FLUKA, Lot SHBD0368V | | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .KetonesC_00030 | 04/30/27 | | RESTEK, Lot A0210935 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .Mega Mix_00042 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .Vinyl Acetate_00102 | 09/30/25 | | RESTEK, Lot A0209567 | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **OP_Benzald_sp_00023** | 11/30/25 | | RESTEK, Lot A0212130 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| **OP_BNA SPIK_00055** | 08/30/25 | 01/28/25 | Acetone, Lot 131184 | 200 mL | OP_Agilent456_00008 | 10 mL | 1,3-Dimethylnaphthalene | 100 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 100 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 100 ug/mL |
| | | | | | | | Benzonitrile | 100 ug/mL |
| | | | | | | | Carbamazepine | 100 ug/mL |
| | | | | | | | Coumarin | 100 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 100 ug/mL |
| | | | | | | | N-Methylaniline | 100 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 100 ug/mL |
| | | | | | | | Phenyl ether | 100 ug/mL |
| | | | | | OP_Agilent457_00005 | 10 mL | Bisphenol-A | 50 ug/mL |
| | | | | | OP_BenzAcid_00016 | 10 mL | Benzoic acid | 100 ug/mL |
| | | | | | | | Indene | 100 ug/mL |
| | | | | | OP_MEGA_2017_00016 | 20 mL | 1,1'-Biphenyl | 100 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 100 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2,4-Trichlorobenzene | 100 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 100 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,3-Dinitrobenzene | 100 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,4-Dioxane | 100 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 100 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 100 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 100 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 100 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 100 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 100 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 200 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 100 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 100 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 100 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 100 ug/mL |
| | | | | | | | 2-Chlorophenol | 100 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 100 ug/mL |
| | | | | | | | 2-Methylphenol | 100 ug/mL |
| | | | | | | | 2-Nitroaniline | 100 ug/mL |
| | | | | | | | 2-Nitrophenol | 100 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 100 ug/mL |
| | | | | | | | 3-Methylphenol | 100 ug/mL |
| | | | | | | | 3-Nitroaniline | 100 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 200 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 100 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 100 ug/mL |
| | | | | | | | 4-Chloroaniline | 100 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 100 ug/mL |
| | | | | | | | 4-Methylphenol | 100 ug/mL |
| | | | | | | | 4-Nitroaniline | 100 ug/mL |
| | | | | | | | 4-Nitrophenol | 200 ug/mL |
| | | | | | | | Acenaphthene | 100 ug/mL |
| | | | | | | | Acenaphthylene | 100 ug/mL |
| | | | | | | | Acetophenone | 100 ug/mL |
| | | | | | | | Aniline | 100 ug/mL |
| | | | | | | | Anthracene | 100 ug/mL |
| | | | | | | | Azobenzene | 100 ug/mL |
| | | | | | | | Benzo[a]anthracene | 100 ug/mL |
| | | | | | | | Benzo[a]pyrene | 100 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 100 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 100 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 100 ug/mL |
| | | | | | | | Benzyl alcohol | 100 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Bis(2-chloroethoxy)methane | 100 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 100 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 100 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 100 ug/mL |
| | | | | | | | Carbazole | 100 ug/mL |
| | | | | | | | Chrysene | 100 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 100 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 100 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 100 ug/mL |
| | | | | | | | Dibenzofuran | 100 ug/mL |
| | | | | | | | Diethyl phthalate | 100 ug/mL |
| | | | | | | | Dimethyl phthalate | 100 ug/mL |
| | | | | | | | Fluoranthene | 100 ug/mL |
| | | | | | | | Fluorene | 100 ug/mL |
| | | | | | | | Hexachlorobenzene | 100 ug/mL |
| | | | | | | | Hexachlorobutadiene | 100 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 100 ug/mL |
| | | | | | | | Hexachloroethane | 100 ug/mL |
| | | | | | | | Hexadecane | 100 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 100 ug/mL |
| | | | | | | | Isophorone | 100 ug/mL |
| | | | | | | | n-Decane | 100 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 100 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 100 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 100 ug/mL |
| | | | | | | | n-Octadecane | 100 ug/mL |
| | | | | | | | Naphthalene | 100 ug/mL |
| | | | | | | | Nitrobenzene | 100 ug/mL |
| | | | | | | | Pentachlorophenol | 200 ug/mL |
| | | | | | | | Phenanthrene | 100 ug/mL |
| | | | | | | | Phenol | 100 ug/mL |
| | | | | | | | Pyrene | 100 ug/mL |
| | | | | | | | Pyridine | 200 ug/mL |
| | | | | | OP_std #1_BNA_00015 | 10 mL | 3,3'-Dichlorobenzidine | 100 ug/mL |
| | | | | | | | Benzidine | 100 ug/mL |
| .OP_Agilent456_00008 | 11/30/25 | | Agilent, Lot 6767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Benzonitrile | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| .OP_Agilent457_00005 | 11/30/25 | | Agilent, Lot 6767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .OP_BenzAcid_00016 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Indene | 2000 ug/mL |
| .OP_MEGA_2017_00016 | 11/30/25 | | Restek, Lot A02010619 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,3-Dinitrobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Hexadecane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| .OP_std #1_BNA_00015 | 09/30/25 | | Restek, Lot A020147867 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| **OP_BNASurroga_00031** | 10/30/25 | 01/02/25 | Acetone, Lot 23H2462011 | 1000 mL | OP_BNA_SURR_00014 | 20 mL | 2,4,6-Tribromophenol | 100 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 100 ug/mL |
| | | | | | | | 2-Fluorophenol | 100 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 100 ug/mL |
| | | | | | | | Phenol-d5 | 100 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 100 ug/mL |
| .OP_BNA_SURR_00014 | 10/30/25 | | Agilent, Lot 6910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| **SM_ISTD_LVI_00197** | 03/30/25 | 03/26/24 | MeCl2, Lot 762001 | 50 mL | SM_ISTD_00197 | 10 mL | 1,4-Dichlorobenzene-d4 | 400 ug/mL |
| | | | | | | | Acenaphthene-d10 | 400 ug/mL |
| | | | | | | | Chrysene-d12 | 400 ug/mL |
| | | | | | | | Naphthalene-d8 | 400 ug/mL |
| | | | | | | | Perylene-d12 | 400 ug/mL |
| | | | | | | | Phenanthrene-d10 | 400 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| **SMDFTP_CH_00037** | | | | | | | 4,4'-DDD | |
| | | | | | | | 4,4'-DDE | |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Total Semivolatile Organic Compounds | |
| | | | | | SMDFTTP_CH_00021 | 2.5 mL | 4,4'-DDT | 25 ug/mL |
| | | | | | | | Benzidine_T | 25 ug/mL |
| | | | | | | | DFTPP | 25 ug/mL |
| | | | | | | | Pentachlorophenol_T | 25 ug/mL |
| .SMDFTTP_CH_00021 | 07/31/26 | | Restek, Lot A0200028 | | (Purchased Reagent) | | 4,4'-DDT | 1000 ug/mL |
| | | | | | | | Benzidine_T | 1000 ug/mL |
| | | | | | | | DFTPP | 1000 ug/mL |
| | | | | | | | Pentachlorophenol_T | 1000 ug/mL |
| **SV_BNAL1_LVI_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L1_00006 | 2 mL | 2-Fluorobiphenyl | 0.1 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 0.1 ug/mL |
| | | | | | | | Phenol-d5 | 0.1 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 0.1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 0.1 ug/mL |
| | | | | | | | N-Methylaniline | 0.1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 0.1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.1 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.1 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 0.2 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Aniline | 0.1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.1 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.1 ug/mL |
| | | | | | | | Hexachloroethane | 0.1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.1 ug/mL |
| | | | | | | | Naphthalene | 0.1 ug/mL |
| | | | | | | | Nitrobenzene | 0.1 ug/mL |
| | | | | | | | Pyridine | 0.2 ug/mL |
| .SV_BNA_L1_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 50 mL | SM_8270_surr_00014 | 5 uL | 2-Fluorobiphenyl | 0.5 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 0.5 ug/mL |
| | | | | | | | Phenol-d5 | 0.5 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 0.5 ug/mL |
| | | | | | SM_8270cusmix_00005 | 12.5 uL | n,n'-Dimethylaniline | 0.5 ug/mL |
| | | | | | | | N-Methylaniline | 0.5 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_STD#1mega_00026 | 25 uL | 1,1'-Biphenyl | 0.5 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.5 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.5 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.5 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.5 ug/mL |
| | | | | | | | Aniline | 0.5 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.5 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.5 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.5 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.5 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.5 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.5 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.5 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.5 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.5 ug/mL |
| | | | | | | | Hexachloroethane | 0.5 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.5 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.5 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Naphthalene | 0.5 ug/mL |
| | | | | | | | Nitrobenzene | 0.5 ug/mL |
| | | | | | | | Pyridine | 1 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL2_LVI_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L2_00006 | 2 mL | 2,4,6-Tribromophenol | 0.2 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 0.2 ug/mL |
| | | | | | | | 2-Fluorophenol | 0.2 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 0.2 ug/mL |
| | | | | | | | Phenol-d5 | 0.2 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 0.2 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 0.2 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 0.2 ug/mL |
| | | | | | | | N-Methylaniline | 0.2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 0.2 ug/mL |
| | | | | | | | Benzaldehyde | 0.2 ug/mL |
| | | | | | | | Caprolactam | 0.2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 0.2 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 0.2 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.2 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.2 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 0.2 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 0.2 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 0.2 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 0.2 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.2 ug/mL |
| | | | | | | | Aniline | 0.2 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.2 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.2 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.2 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.2 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.2 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.2 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 0.2 ug/mL |
| | | | | | | | Chrysene | 0.2 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.2 ug/mL |
| | | | | | | | Fluoranthene | 0.2 ug/mL |
| | | | | | | | Fluorene | 0.2 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.2 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.2 ug/mL |
| | | | | | | | Hexachloroethane | 0.2 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.2 ug/mL |
| | | | | | | | Isophorone | 0.2 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.2 ug/mL |
| | | | | | | | Naphthalene | 0.2 ug/mL |
| | | | | | | | Nitrobenzene | 0.2 ug/mL |
| | | | | | | | Pyrene | 0.2 ug/mL |
| | | | | | | | Pyridine | 0.4 ug/mL |
| .SV_BNA_L2_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 50 mL | SM_8270_surr_00014 | 10 uL | 2,4,6-Tribromophenol | 1 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 1 ug/mL |
| | | | | | | | 2-Fluorophenol | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Nitrobenzene-d5 (Surr) | 1 ug/mL |
| | | | | | | | Phenol-d5 | 1 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 1 ug/mL |
| | | | | | SM_8270cusmix_00005 | 25 uL | 2-tertbutyl-4-methylphenol | 1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | | | N-Methylaniline | 1 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 25 uL | Atrazine | 1 ug/mL |
| | | | | | | | Benzaldehyde | 1 ug/mL |
| | | | | | | | Caprolactam | 1 ug/mL |
| | | | | | SM_std #9BNA_00024 | 25 uL | 3,3'-Dichlorobenzidine | 1 ug/mL |
| | | | | | SM_STD#1mega_00026 | 50 uL | 1,1'-Biphenyl | 1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1 ug/mL |
| | | | | | | | Chrysene | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Fluoranthene | 1 ug/mL |
| | | | | | | | Fluorene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | Isophorone | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Naphthalene | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pyrene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL3_LVI_00008** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L3_00006 | 2 mL | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 0.4 ug/mL |
| | | | | | | | Benzaldehyde | 0.4 ug/mL |
| | | | | | | | Caprolactam | 0.4 ug/mL |
| | | | | | | | Benzidine | 0.4 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 0.8 ug/mL |
| .SV_BNA_L3_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 25 uL | Atrazine | 2 ug/mL |
| | | | | | | | Benzaldehyde | 2 ug/mL |
| | | | | | | | Caprolactam | 2 ug/mL |
| | | | | | SM_std #9BNA_00024 | 25 uL | Benzidine | 2 ug/mL |
| | | | | | SM_STD#1mega_00026 | 50 uL | 2,4-Dinitrophenol | 4 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 2,4-Dinitrophenol | 2000 ug/mL |
| **SV_BNAL4_LVI_00008** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L4_00006 | 2 mL | Benzoic acid | 1 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 1 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Fluorophenol | 1 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 1 ug/mL |
| | | | | | | | Phenol-d5 | 1 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 1 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 1 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 1 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 1 ug/mL |
| | | | | | | | Carbamazepine | 1 ug/mL |
| | | | | | | | Coumarin | 1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | | | N-Methylaniline | 1 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 1 ug/mL |
| | | | | | | | Phenyl ether | 1 ug/mL |
| | | | | | | | Bisphenol-A | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 1 ug/mL |
| | | | | | | | Benzaldehyde | 1 ug/mL |
| | | | | | | | Caprolactam | 1 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 1 ug/mL |
| | | | | | | | Benzidine | 1 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 1 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1 ug/mL |
| | | | | | | | 2-Chlorophenol | 1 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Methylphenol | 1 ug/mL |
| | | | | | | | 2-Nitroaniline | 1 ug/mL |
| | | | | | | | 2-Nitrophenol | 1 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1 ug/mL |
| | | | | | | | 3-Nitroaniline | 1 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 1 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Methylphenol | 1 ug/mL |
| | | | | | | | 4-Nitroaniline | 1 ug/mL |
| | | | | | | | 4-Nitrophenol | 2 ug/mL |
| | | | | | | | Acenaphthene | 1 ug/mL |
| | | | | | | | Acenaphthylene | 1 ug/mL |
| | | | | | | | Acetophenone | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Anthracene | 1 ug/mL |
| | | | | | | | Azobenzene | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Benzyl alcohol | 1 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1 ug/mL |
| | | | | | | | Carbazole | 1 ug/mL |
| | | | | | | | Chrysene | 1 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Dibenzofuran | 1 ug/mL |
| | | | | | | | Diethyl phthalate | 1 ug/mL |
| | | | | | | | Dimethyl phthalate | 1 ug/mL |
| | | | | | | | Fluoranthene | 1 ug/mL |
| | | | | | | | Fluorene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | Isophorone | 1 ug/mL |
| | | | | | | | n-Decane | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Nitrosodimethylamine | 1 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1 ug/mL |
| | | | | | | | n-Octadecane | 1 ug/mL |
| | | | | | | | Naphthalene | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pentachlorophenol | 2 ug/mL |
| | | | | | | | Phenanthrene | 1 ug/mL |
| | | | | | | | Phenol | 1 ug/mL |
| | | | | | | | Pyrene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| .SV_BNA_L4_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 62.5 uL | Benzoic acid | 5 ug/mL |
| | | | | | SM_8270_surr_00014 | 25 uL | 2,4,6-Tribromophenol | 5 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5 ug/mL |
| | | | | | | | 2-Fluorophenol | 5 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5 ug/mL |
| | | | | | | | Phenol-d5 | 5 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5 ug/mL |
| | | | | | SM_8270cusmix_00005 | 62.5 uL | 1,3-Dimethylnaphthalene | 5 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 5 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 5 ug/mL |
| | | | | | | | Carbamazepine | 5 ug/mL |
| | | | | | | | Coumarin | 5 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 5 ug/mL |
| | | | | | | | N-Methylaniline | 5 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 5 ug/mL |
| | | | | | | | Phenyl ether | 5 ug/mL |
| | | | | | SM_BPA_00020 | 125 uL | Bisphenol-A | 5 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 62.5 uL | Atrazine | 5 ug/mL |
| | | | | | | | Benzaldehyde | 5 ug/mL |
| | | | | | | | Caprolactam | 5 ug/mL |
| | | | | | SM_std #9BNA_00024 | 62.5 uL | 3,3'-Dichlorobenzidine | 5 ug/mL |
| | | | | | | | Benzidine | 5 ug/mL |
| | | | | | SM_STD#1mega_00026 | 125 uL | 1,1'-Biphenyl | 5 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 5 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 5 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 5 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,4-Dioxane | 5 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 5 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 5 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 5 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 5 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 5 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 5 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 5 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 5 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 5 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 5 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 5 ug/mL |
| | | | | | | | 2-Chlorophenol | 5 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 5 ug/mL |
| | | | | | | | 2-Methylphenol | 5 ug/mL |
| | | | | | | | 2-Nitroaniline | 5 ug/mL |
| | | | | | | | 2-Nitrophenol | 5 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 5 ug/mL |
| | | | | | | | 3-Nitroaniline | 5 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 10 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 5 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 5 ug/mL |
| | | | | | | | 4-Chloroaniline | 5 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 5 ug/mL |
| | | | | | | | 4-Methylphenol | 5 ug/mL |
| | | | | | | | 4-Nitroaniline | 5 ug/mL |
| | | | | | | | 4-Nitrophenol | 10 ug/mL |
| | | | | | | | Acenaphthene | 5 ug/mL |
| | | | | | | | Acenaphthylene | 5 ug/mL |
| | | | | | | | Acetophenone | 5 ug/mL |
| | | | | | | | Aniline | 5 ug/mL |
| | | | | | | | Anthracene | 5 ug/mL |
| | | | | | | | Azobenzene | 5 ug/mL |
| | | | | | | | Benzo[a]anthracene | 5 ug/mL |
| | | | | | | | Benzo[a]pyrene | 5 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 5 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 5 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 5 ug/mL |
| | | | | | | | Benzyl alcohol | 5 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 5 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 5 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 5 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 5 ug/mL |
| | | | | | | | Carbazole | 5 ug/mL |
| | | | | | | | Chrysene | 5 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 5 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 5 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 5 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibenzofuran | 5 ug/mL |
| | | | | | | | Diethyl phthalate | 5 ug/mL |
| | | | | | | | Dimethyl phthalate | 5 ug/mL |
| | | | | | | | Fluoranthene | 5 ug/mL |
| | | | | | | | Fluorene | 5 ug/mL |
| | | | | | | | Hexachlorobenzene | 5 ug/mL |
| | | | | | | | Hexachlorobutadiene | 5 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 5 ug/mL |
| | | | | | | | Hexachloroethane | 5 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 5 ug/mL |
| | | | | | | | Isophorone | 5 ug/mL |
| | | | | | | | n-Decane | 5 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 5 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 5 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 5 ug/mL |
| | | | | | | | n-Octadecane | 5 ug/mL |
| | | | | | | | Naphthalene | 5 ug/mL |
| | | | | | | | Nitrobenzene | 5 ug/mL |
| | | | | | | | Pentachlorophenol | 10 ug/mL |
| | | | | | | | Phenanthrene | 5 ug/mL |
| | | | | | | | Phenol | 5 ug/mL |
| | | | | | | | Pyrene | 5 ug/mL |
| | | | | | | | Pyridine | 10 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL5_LVI_00008** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L5_00006 | 2 mL | Benzoic acid | 2 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 2 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 2 ug/mL |
| | | | | | | | 2-Fluorophenol | 2 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 2 ug/mL |
| | | | | | | | Phenol-d5 | 2 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 2 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 2 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2 ug/mL |
| | | | | | | | Carbamazepine | 2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Coumarin | 2 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2 ug/mL |
| | | | | | | | N-Methylaniline | 2 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2 ug/mL |
| | | | | | | | Phenyl ether | 2 ug/mL |
| | | | | | | | Bisphenol-A | 2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 2 ug/mL |
| | | | | | | | Benzaldehyde | 2 ug/mL |
| | | | | | | | Caprolactam | 2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 2 ug/mL |
| | | | | | | | Benzidine | 2 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 2 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 2 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 2 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,4-Dioxane | 2 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 2 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 2 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 2 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 2 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 2 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 2 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 4 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 2 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 2 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 2 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 2 ug/mL |
| | | | | | | | 2-Chlorophenol | 2 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 2 ug/mL |
| | | | | | | | 2-Methylphenol | 2 ug/mL |
| | | | | | | | 2-Nitroaniline | 2 ug/mL |
| | | | | | | | 2-Nitrophenol | 2 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 2 ug/mL |
| | | | | | | | 3-Nitroaniline | 2 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 4 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 2 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Chloroaniline | 2 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 2 ug/mL |
| | | | | | | | 4-Methylphenol | 2 ug/mL |
| | | | | | | | 4-Nitroaniline | 2 ug/mL |
| | | | | | | | 4-Nitrophenol | 4 ug/mL |
| | | | | | | | Acenaphthene | 2 ug/mL |
| | | | | | | | Acenaphthylene | 2 ug/mL |
| | | | | | | | Acetophenone | 2 ug/mL |
| | | | | | | | Aniline | 2 ug/mL |
| | | | | | | | Anthracene | 2 ug/mL |
| | | | | | | | Azobenzene | 2 ug/mL |
| | | | | | | | Benzo[a]anthracene | 2 ug/mL |
| | | | | | | | Benzo[a]pyrene | 2 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 2 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 2 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 2 ug/mL |
| | | | | | | | Benzyl alcohol | 2 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 2 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 2 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 2 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 2 ug/mL |
| | | | | | | | Carbazole | 2 ug/mL |
| | | | | | | | Chrysene | 2 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 2 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 2 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 2 ug/mL |
| | | | | | | | Dibenzofuran | 2 ug/mL |
| | | | | | | | Diethyl phthalate | 2 ug/mL |
| | | | | | | | Dimethyl phthalate | 2 ug/mL |
| | | | | | | | Fluoranthene | 2 ug/mL |
| | | | | | | | Fluorene | 2 ug/mL |
| | | | | | | | Hexachlorobenzene | 2 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 2 ug/mL |
| | | | | | | | Hexachloroethane | 2 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 2 ug/mL |
| | | | | | | | Isophorone | 2 ug/mL |
| | | | | | | | n-Decane | 2 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 2 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 2 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 2 ug/mL |
| | | | | | | | n-Octadecane | 2 ug/mL |
| | | | | | | | Naphthalene | 2 ug/mL |
| | | | | | | | Nitrobenzene | 2 ug/mL |
| | | | | | | | Pentachlorophenol | 4 ug/mL |
| | | | | | | | Phenanthrene | 2 ug/mL |
| | | | | | | | Phenol | 2 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pyrene | 2 ug/mL |
| | | | | | | | Pyridine | 4 ug/mL |
| .SV_BNA_L5_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 125 uL | Benzoic acid | 10 ug/mL |
| | | | | | SM_8270_surr_00014 | 50 uL | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | SM_8270cusmix_00005 | 125 uL | 1,3-Dimethylnaphthalene | 10 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 10 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 10 ug/mL |
| | | | | | | | Carbamazepine | 10 ug/mL |
| | | | | | | | Coumarin | 10 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 10 ug/mL |
| | | | | | | | N-Methylaniline | 10 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 10 ug/mL |
| | | | | | | | Phenyl ether | 10 ug/mL |
| | | | | | SM_BPA_00020 | 250 uL | Bisphenol-A | 10 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 125 uL | Atrazine | 10 ug/mL |
| | | | | | | | Benzaldehyde | 10 ug/mL |
| | | | | | | | Caprolactam | 10 ug/mL |
| | | | | | SM_std #9BNA_00024 | 125 uL | 3,3'-Dichlorobenzidine | 10 ug/mL |
| | | | | | | | Benzidine | 10 ug/mL |
| | | | | | SM_STD#1mega_00026 | 250 uL | 1,1'-Biphenyl | 10 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 10 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 10 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dioxane | 10 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 10 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 10 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 10 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,6-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 10 ug/mL |
| | | | | | | | 2-Chlorophenol | 10 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2-Methylphenol | 10 ug/mL |
| | | | | | | | 2-Nitroaniline | 10 ug/mL |
| | | | | | | | 2-Nitrophenol | 10 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 10 ug/mL |
| | | | | | | | 3-Nitroaniline | 10 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 20 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 10 ug/mL |
| | | | | | | | 4-Chloroaniline | 10 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Methylphenol | 10 ug/mL |
| | | | | | | | 4-Nitroaniline | 10 ug/mL |
| | | | | | | | 4-Nitrophenol | 20 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |
| | | | | | | | Acetophenone | 10 ug/mL |
| | | | | | | | Aniline | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Azobenzene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Benzyl alcohol | 10 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 10 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 10 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 10 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 10 ug/mL |
| | | | | | | | Carbazole | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 10 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Dibenzofuran | 10 ug/mL |
| | | | | | | | Diethyl phthalate | 10 ug/mL |
| | | | | | | | Dimethyl phthalate | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Hexachlorobenzene | 10 ug/mL |
| | | | | | | | Hexachlorobutadiene | 10 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 10 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Hexachloroethane | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Isophorone | 10 ug/mL |
| | | | | | | | n-Decane | 10 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 10 ug/mL |
| | | | | | | | n-Octadecane | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Nitrobenzene | 10 ug/mL |
| | | | | | | | Pentachlorophenol | 20 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Phenol | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| | | | | | | | Pyridine | 20 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL6_LVI_00009** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L6_00006 | 2 mL | Benzoic acid | 4 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 4 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 4 ug/mL |
| | | | | | | | 2-Fluorophenol | 4 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 4 ug/mL |
| | | | | | | | Phenol-d5 | 4 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 4 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 4 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 4 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 4 ug/mL |
| | | | | | | | Carbamazepine | 4 ug/mL |
| | | | | | | | Coumarin | 4 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 4 ug/mL |
| | | | | | | | N-Methylaniline | 4 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 4 ug/mL |
| | | | | | | | Phenyl ether | 4 ug/mL |
| | | | | | | | Bisphenol-A | 4 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 3.2 ug/mL |
| | | | | | | | Benzaldehyde | 3.2 ug/mL |
| | | | | | | | Caprolactam | 3.2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 4 ug/mL |
| | | | | | | | Benzidine | 4 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 4 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 4 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 4 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 4 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,4-Dioxane | 4 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 4 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 4 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 4 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 4 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 4 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 4 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 4 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 8 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 4 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 4 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 4 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 4 ug/mL |
| | | | | | | | 2-Chlorophenol | 4 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 4 ug/mL |
| | | | | | | | 2-Methylphenol | 4 ug/mL |
| | | | | | | | 2-Nitroaniline | 4 ug/mL |
| | | | | | | | 2-Nitrophenol | 4 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 4 ug/mL |
| | | | | | | | 3-Nitroaniline | 4 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 8 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 4 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 4 ug/mL |
| | | | | | | | 4-Chloroaniline | 4 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 4 ug/mL |
| | | | | | | | 4-Methylphenol | 4 ug/mL |
| | | | | | | | 4-Nitroaniline | 4 ug/mL |
| | | | | | | | 4-Nitrophenol | 8 ug/mL |
| | | | | | | | Acenaphthene | 4 ug/mL |
| | | | | | | | Acenaphthylene | 4 ug/mL |
| | | | | | | | Acetophenone | 4 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Aniline | 4 ug/mL |
| | | | | | | | Anthracene | 4 ug/mL |
| | | | | | | | Azobenzene | 4 ug/mL |
| | | | | | | | Benzo[a]anthracene | 4 ug/mL |
| | | | | | | | Benzo[a]pyrene | 4 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 4 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 4 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 4 ug/mL |
| | | | | | | | Benzyl alcohol | 4 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 4 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 4 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 4 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 4 ug/mL |
| | | | | | | | Carbazole | 4 ug/mL |
| | | | | | | | Chrysene | 4 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 4 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 4 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 4 ug/mL |
| | | | | | | | Dibenzofuran | 4 ug/mL |
| | | | | | | | Diethyl phthalate | 4 ug/mL |
| | | | | | | | Dimethyl phthalate | 4 ug/mL |
| | | | | | | | Fluoranthene | 4 ug/mL |
| | | | | | | | Fluorene | 4 ug/mL |
| | | | | | | | Hexachlorobenzene | 4 ug/mL |
| | | | | | | | Hexachlorobutadiene | 4 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 4 ug/mL |
| | | | | | | | Hexachloroethane | 4 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 4 ug/mL |
| | | | | | | | Isophorone | 4 ug/mL |
| | | | | | | | n-Decane | 4 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 4 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 4 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 4 ug/mL |
| | | | | | | | n-Octadecane | 4 ug/mL |
| | | | | | | | Naphthalene | 4 ug/mL |
| | | | | | | | Nitrobenzene | 4 ug/mL |
| | | | | | | | Pentachlorophenol | 8 ug/mL |
| | | | | | | | Phenanthrene | 4 ug/mL |
| | | | | | | | Phenol | 4 ug/mL |
| | | | | | | | Pyrene | 4 ug/mL |
| | | | | | | | Pyridine | 8 ug/mL |
| .SV_BNA_L6_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 250 uL | Benzoic acid | 20 ug/mL |
| | | | | | SM_8270_surr_00014 | 100 uL | 2,4,6-Tribromophenol | 20 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 20 ug/mL |
| | | | | | | | 2-Fluorophenol | 20 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 20 ug/mL |
| | | | | | | | Phenol-d5 | 20 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Terphenyl-d14 (Surr) | 20 ug/mL |
| | | | | | SM_8270cusmix_00005 | 250 uL | 1,3-Dimethylnaphthalene | 20 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 20 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 20 ug/mL |
| | | | | | | | Carbamazepine | 20 ug/mL |
| | | | | | | | Coumarin | 20 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 20 ug/mL |
| | | | | | | | N-Methylaniline | 20 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 20 ug/mL |
| | | | | | | | Phenyl ether | 20 ug/mL |
| | | | | | SM_BPA_00020 | 500 uL | Bisphenol-A | 20 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 200 uL | Atrazine | 16 ug/mL |
| | | | | | | | Benzaldehyde | 16 ug/mL |
| | | | | | | | Caprolactam | 16 ug/mL |
| | | | | | SM_std #9BNA_00024 | 250 uL | 3,3'-Dichlorobenzidine | 20 ug/mL |
| | | | | | | | Benzidine | 20 ug/mL |
| | | | | | SM_STD#1mega_00026 | 500 uL | 1,1'-Biphenyl | 20 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 20 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 20 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 20 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,4-Dioxane | 20 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 20 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 20 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 20 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 20 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 20 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 20 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 40 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 20 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 20 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 20 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 20 ug/mL |
| | | | | | | | 2-Chlorophenol | 20 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 20 ug/mL |
| | | | | | | | 2-Methylphenol | 20 ug/mL |
| | | | | | | | 2-Nitroaniline | 20 ug/mL |
| | | | | | | | 2-Nitrophenol | 20 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 3 & 4 Methylphenol | 20 ug/mL |
| | | | | | | | 3-Nitroaniline | 20 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 40 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 20 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 20 ug/mL |
| | | | | | | | 4-Chloroaniline | 20 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 20 ug/mL |
| | | | | | | | 4-Methylphenol | 20 ug/mL |
| | | | | | | | 4-Nitroaniline | 20 ug/mL |
| | | | | | | | 4-Nitrophenol | 40 ug/mL |
| | | | | | | | Acenaphthene | 20 ug/mL |
| | | | | | | | Acenaphthylene | 20 ug/mL |
| | | | | | | | Acetophenone | 20 ug/mL |
| | | | | | | | Aniline | 20 ug/mL |
| | | | | | | | Anthracene | 20 ug/mL |
| | | | | | | | Azobenzene | 20 ug/mL |
| | | | | | | | Benzo[a]anthracene | 20 ug/mL |
| | | | | | | | Benzo[a]pyrene | 20 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 20 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 20 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 20 ug/mL |
| | | | | | | | Benzyl alcohol | 20 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 20 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 20 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 20 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 20 ug/mL |
| | | | | | | | Carbazole | 20 ug/mL |
| | | | | | | | Chrysene | 20 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 20 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 20 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 20 ug/mL |
| | | | | | | | Dibenzofuran | 20 ug/mL |
| | | | | | | | Diethyl phthalate | 20 ug/mL |
| | | | | | | | Dimethyl phthalate | 20 ug/mL |
| | | | | | | | Fluoranthene | 20 ug/mL |
| | | | | | | | Fluorene | 20 ug/mL |
| | | | | | | | Hexachlorobenzene | 20 ug/mL |
| | | | | | | | Hexachlorobutadiene | 20 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 20 ug/mL |
| | | | | | | | Hexachloroethane | 20 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 20 ug/mL |
| | | | | | | | Isophorone | 20 ug/mL |
| | | | | | | | n-Decane | 20 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 20 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 20 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 20 ug/mL |
| | | | | | | | n-Octadecane | 20 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Naphthalene | 20 ug/mL |
| | | | | | | | Nitrobenzene | 20 ug/mL |
| | | | | | | | Pentachlorophenol | 40 ug/mL |
| | | | | | | | Phenanthrene | 20 ug/mL |
| | | | | | | | Phenol | 20 ug/mL |
| | | | | | | | Pyrene | 20 ug/mL |
| | | | | | | | Pyridine | 40 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL7_LVI_00009** | 03/27/25 | 03/27/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L7_00007 | 2 mL | Benzoic acid | 10 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 10 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 10 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 10 ug/mL |
| | | | | | | | Carbamazepine | 10 ug/mL |
| | | | | | | | Coumarin | 10 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 10 ug/mL |
| | | | | | | | N-Methylaniline | 10 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 10 ug/mL |
| | | | | | | | Phenyl ether | 10 ug/mL |
| | | | | | | | Bisphenol-A | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 4 ug/mL |
| | | | | | | | Benzaldehyde | 4 ug/mL |
| | | | | | | | Caprolactam | 4 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 10 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzidine | 10 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 10 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 10 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 10 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dioxane | 10 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 10 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 10 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 10 ug/mL |
| | | | | | | | 2-Chlorophenol | 10 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2-Methylphenol | 10 ug/mL |
| | | | | | | | 2-Nitroaniline | 10 ug/mL |
| | | | | | | | 2-Nitrophenol | 10 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 10 ug/mL |
| | | | | | | | 3-Nitroaniline | 10 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 20 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 10 ug/mL |
| | | | | | | | 4-Chloroaniline | 10 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Methylphenol | 10 ug/mL |
| | | | | | | | 4-Nitroaniline | 10 ug/mL |
| | | | | | | | 4-Nitrophenol | 20 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |
| | | | | | | | Acetophenone | 10 ug/mL |
| | | | | | | | Aniline | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Azobenzene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzyl alcohol | 10 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 10 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 10 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 10 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 10 ug/mL |
| | | | | | | | Carbazole | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 10 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Dibenzofuran | 10 ug/mL |
| | | | | | | | Diethyl phthalate | 10 ug/mL |
| | | | | | | | Dimethyl phthalate | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Hexachlorobenzene | 10 ug/mL |
| | | | | | | | Hexachlorobutadiene | 10 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 10 ug/mL |
| | | | | | | | Hexachloroethane | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Isophorone | 10 ug/mL |
| | | | | | | | n-Decane | 10 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 10 ug/mL |
| | | | | | | | n-Octadecane | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Nitrobenzene | 10 ug/mL |
| | | | | | | | Pentachlorophenol | 20 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Phenol | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| | | | | | | | Pyridine | 20 ug/mL |
| | | | | | | | 2,3,7,8-TCDD | 0.1 ug/mL |
| .SV_BNA_L7_00007 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 100 mL | SM-BenzAcid_00020 | 2500 uL | Benzoic acid | 50 ug/mL |
| | | | | | SM_8270_surr_00014 | 1000 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00005 | 2500 uL | 1,3-Dimethylnaphthalene | 50 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 50 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 50 ug/mL |
| | | | | | | | Carbamazepine | 50 ug/mL |
| | | | | | | | Coumarin | 50 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Methylaniline | 50 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 50 ug/mL |
| | | | | | | | Phenyl ether | 50 ug/mL |
| | | | | | SM_BPA_00020 | 5000 uL | Bisphenol-A | 50 ug/mL |
| | | | | | SM_ISTD_00197 | 2000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 1000 uL | Atrazine | 20 ug/mL |
| | | | | | | | Benzaldehyde | 20 ug/mL |
| | | | | | | | Caprolactam | 20 ug/mL |
| | | | | | SM_std #9BNA_00024 | 2500 uL | 3,3'-Dichlorobenzidine | 50 ug/mL |
| | | | | | | | Benzidine | 50 ug/mL |
| | | | | | SM_STD#1mega_00026 | 5000 uL | 1,1'-Biphenyl | 50 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 50 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 50 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 50 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 50 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 50 ug/mL |
| | | | | | | | 2-Chlorophenol | 50 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2-Methylphenol | 50 ug/mL |
| | | | | | | | 2-Nitroaniline | 50 ug/mL |
| | | | | | | | 2-Nitrophenol | 50 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 50 ug/mL |
| | | | | | | | 3-Nitroaniline | 50 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 100 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 50 ug/mL |
| | | | | | | | 4-Chloroaniline | 50 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Methylphenol | 50 ug/mL |
| | | | | | | | 4-Nitroaniline | 50 ug/mL |
| | | | | | | | 4-Nitrophenol | 100 ug/mL |
| | | | | | | | Acenaphthene | 50 ug/mL |
| | | | | | | | Acenaphthylene | 50 ug/mL |
| | | | | | | | Acetophenone | 50 ug/mL |
| | | | | | | | Aniline | 50 ug/mL |
| | | | | | | | Anthracene | 50 ug/mL |
| | | | | | | | Azobenzene | 50 ug/mL |
| | | | | | | | Benzo[a]anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]pyrene | 50 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 50 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 50 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 50 ug/mL |
| | | | | | | | Benzyl alcohol | 50 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 50 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 50 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 50 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 50 ug/mL |
| | | | | | | | Carbazole | 50 ug/mL |
| | | | | | | | Chrysene | 50 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 50 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 50 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 50 ug/mL |
| | | | | | | | Dibenzofuran | 50 ug/mL |
| | | | | | | | Diethyl phthalate | 50 ug/mL |
| | | | | | | | Dimethyl phthalate | 50 ug/mL |
| | | | | | | | Fluoranthene | 50 ug/mL |
| | | | | | | | Fluorene | 50 ug/mL |
| | | | | | | | Hexachlorobenzene | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 50 ug/mL |
| | | | | | | | Hexachloroethane | 50 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 50 ug/mL |
| | | | | | | | Isophorone | 50 ug/mL |
| | | | | | | | n-Decane | 50 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 50 ug/mL |
| | | | | | | | n-Octadecane | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | Nitrobenzene | 50 ug/mL |
| | | | | | | | Pentachlorophenol | 100 ug/mL |
| | | | | | | | Phenanthrene | 50 ug/mL |
| | | | | | | | Phenol | 50 ug/mL |
| | | | | | | | Pyrene | 50 ug/mL |
| | | | | | | | Pyridine | 100 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | SM_TCDD_00016 | 1000 uL | 2,3,7,8-TCDD | 0.5 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| ..SM_TCDD_00016 | 03/31/28 | Spex CertiPrep, Lot AA201542801 | | | (Purchased Reagent) | | 2,3,7,8-TCDD | 50 ug/mL |
| **SV_BNAL8_LVI_00008** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L8_00006 | 2 mL | Benzoic acid | 16 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 16 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 16 ug/mL |
| | | | | | | | 2-Fluorophenol | 16 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 16 ug/mL |
| | | | | | | | Phenol-d5 | 16 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 16 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 16 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 16 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 16 ug/mL |
| | | | | | | | Carbamazepine | 16 ug/mL |
| | | | | | | | Coumarin | 16 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 16 ug/mL |
| | | | | | | | N-Methylaniline | 16 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 16 ug/mL |
| | | | | | | | Phenyl ether | 16 ug/mL |
| | | | | | | | Bisphenol-A | 16 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 4.8 ug/mL |
| | | | | | | | Benzaldehyde | 4.8 ug/mL |
| | | | | | | | Caprolactam | 4.8 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 16 ug/mL |
| | | | | | | | Benzidine | 16 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 16 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 16 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 16 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 16 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Diphenylhydrazine | 16 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 16 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 16 ug/mL |
| | | | | | | | 1,4-Dioxane | 16 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 16 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 16 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 16 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 16 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 16 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 16 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 16 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 32 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 16 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 16 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 16 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 16 ug/mL |
| | | | | | | | 2-Chlorophenol | 16 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 16 ug/mL |
| | | | | | | | 2-Methylphenol | 16 ug/mL |
| | | | | | | | 2-Nitroaniline | 16 ug/mL |
| | | | | | | | 2-Nitrophenol | 16 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 16 ug/mL |
| | | | | | | | 3-Nitroaniline | 16 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 32 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 16 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 16 ug/mL |
| | | | | | | | 4-Chloroaniline | 16 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 16 ug/mL |
| | | | | | | | 4-Methylphenol | 16 ug/mL |
| | | | | | | | 4-Nitroaniline | 16 ug/mL |
| | | | | | | | 4-Nitrophenol | 32 ug/mL |
| | | | | | | | Acenaphthene | 16 ug/mL |
| | | | | | | | Acenaphthylene | 16 ug/mL |
| | | | | | | | Acetophenone | 16 ug/mL |
| | | | | | | | Aniline | 16 ug/mL |
| | | | | | | | Anthracene | 16 ug/mL |
| | | | | | | | Azobenzene | 16 ug/mL |
| | | | | | | | Benzo[a]anthracene | 16 ug/mL |
| | | | | | | | Benzo[a]pyrene | 16 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 16 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 16 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 16 ug/mL |
| | | | | | | | Benzyl alcohol | 16 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 16 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 16 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 16 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 16 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Carbazole | 16 ug/mL |
| | | | | | | | Chrysene | 16 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 16 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 16 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 16 ug/mL |
| | | | | | | | Dibenzofuran | 16 ug/mL |
| | | | | | | | Diethyl phthalate | 16 ug/mL |
| | | | | | | | Dimethyl phthalate | 16 ug/mL |
| | | | | | | | Fluoranthene | 16 ug/mL |
| | | | | | | | Fluorene | 16 ug/mL |
| | | | | | | | Hexachlorobenzene | 16 ug/mL |
| | | | | | | | Hexachlorobutadiene | 16 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 16 ug/mL |
| | | | | | | | Hexachloroethane | 16 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 16 ug/mL |
| | | | | | | | Isophorone | 16 ug/mL |
| | | | | | | | n-Decane | 16 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 16 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 16 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 16 ug/mL |
| | | | | | | | n-Octadecane | 16 ug/mL |
| | | | | | | | Naphthalene | 16 ug/mL |
| | | | | | | | Nitrobenzene | 16 ug/mL |
| | | | | | | | Pentachlorophenol | 32 ug/mL |
| | | | | | | | Phenanthrene | 16 ug/mL |
| | | | | | | | Phenol | 16 ug/mL |
| | | | | | | | Pyrene | 16 ug/mL |
| | | | | | | | Pyridine | 32 ug/mL |
| .SV_BNA_L8_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 1000 uL | Benzoic acid | 80 ug/mL |
| | | | | | SM_8270_surr_00014 | 400 uL | 2,4,6-Tribromophenol | 80 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 80 ug/mL |
| | | | | | | | 2-Fluorophenol | 80 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 80 ug/mL |
| | | | | | | | Phenol-d5 | 80 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 80 ug/mL |
| | | | | | SM_8270cusmix_00005 | 1000 uL | 1,3-Dimethylnaphthalene | 80 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 80 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 80 ug/mL |
| | | | | | | | Carbamazepine | 80 ug/mL |
| | | | | | | | Coumarin | 80 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 80 ug/mL |
| | | | | | | | N-Methylaniline | 80 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 80 ug/mL |
| | | | | | | | Phenyl ether | 80 ug/mL |
| | | | | | SM_BPA_00020 | 2000 uL | Bisphenol-A | 80 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 300 uL | Atrazine | 24 ug/mL |
| | | | | | | | Benzaldehyde | 24 ug/mL |
| | | | | | | | Caprolactam | 24 ug/mL |
| | | | | | SM_std #9BNA_00024 | 1000 uL | 3,3'-Dichlorobenzidine | 80 ug/mL |
| | | | | | | | Benzidine | 80 ug/mL |
| | | | | | SM_STD#1mega_00026 | 2000 uL | 1,1'-Biphenyl | 80 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 80 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 80 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 80 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,4-Dioxane | 80 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 80 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 80 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 80 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 80 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 80 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 80 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 80 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 160 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 80 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 80 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 80 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 80 ug/mL |
| | | | | | | | 2-Chlorophenol | 80 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 80 ug/mL |
| | | | | | | | 2-Methylphenol | 80 ug/mL |
| | | | | | | | 2-Nitroaniline | 80 ug/mL |
| | | | | | | | 2-Nitrophenol | 80 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 80 ug/mL |
| | | | | | | | 3-Nitroaniline | 80 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 160 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 80 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 80 ug/mL |
| | | | | | | | 4-Chloroaniline | 80 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 80 ug/mL |
| | | | | | | | 4-Methylphenol | 80 ug/mL |
| | | | | | | | 4-Nitroaniline | 80 ug/mL |
| | | | | | | | 4-Nitrophenol | 160 ug/mL |
| | | | | | | | Acenaphthene | 80 ug/mL |
| | | | | | | | Acenaphthylene | 80 ug/mL |
| | | | | | | | Acetophenone | 80 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Aniline | 80 ug/mL |
| | | | | | | | Anthracene | 80 ug/mL |
| | | | | | | | Azobenzene | 80 ug/mL |
| | | | | | | | Benzo[a]anthracene | 80 ug/mL |
| | | | | | | | Benzo[a]pyrene | 80 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 80 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 80 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 80 ug/mL |
| | | | | | | | Benzyl alcohol | 80 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 80 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 80 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 80 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 80 ug/mL |
| | | | | | | | Carbazole | 80 ug/mL |
| | | | | | | | Chrysene | 80 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 80 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 80 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 80 ug/mL |
| | | | | | | | Dibenzofuran | 80 ug/mL |
| | | | | | | | Diethyl phthalate | 80 ug/mL |
| | | | | | | | Dimethyl phthalate | 80 ug/mL |
| | | | | | | | Fluoranthene | 80 ug/mL |
| | | | | | | | Fluorene | 80 ug/mL |
| | | | | | | | Hexachlorobenzene | 80 ug/mL |
| | | | | | | | Hexachlorobutadiene | 80 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 80 ug/mL |
| | | | | | | | Hexachloroethane | 80 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 80 ug/mL |
| | | | | | | | Isophorone | 80 ug/mL |
| | | | | | | | n-Decane | 80 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 80 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 80 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 80 ug/mL |
| | | | | | | | n-Octadecane | 80 ug/mL |
| | | | | | | | Naphthalene | 80 ug/mL |
| | | | | | | | Nitrobenzene | 80 ug/mL |
| | | | | | | | Pentachlorophenol | 160 ug/mL |
| | | | | | | | Phenanthrene | 80 ug/mL |
| | | | | | | | Phenol | 80 ug/mL |
| | | | | | | | Pyrene | 80 ug/mL |
| | | | | | | | Pyridine | 160 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL9_LVI_00007** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L9_00006 | 2 mL | Benzoic acid | 24 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 24 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 24 ug/mL |
| | | | | | | | 2-Fluorophenol | 24 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 24 ug/mL |
| | | | | | | | Phenol-d5 | 24 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 24 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 24 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 24 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 24 ug/mL |
| | | | | | | | Carbamazepine | 24 ug/mL |
| | | | | | | | Coumarin | 24 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 24 ug/mL |
| | | | | | | | N-Methylaniline | 24 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 24 ug/mL |
| | | | | | | | Phenyl ether | 24 ug/mL |
| | | | | | | | Bisphenol-A | 24 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 6.4 ug/mL |
| | | | | | | | Benzaldehyde | 6.4 ug/mL |
| | | | | | | | Caprolactam | 6.4 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 24 ug/mL |
| | | | | | | | Benzidine | 24 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 24 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 24 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 24 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 24 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,4-Dioxane | 24 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 24 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 24 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 24 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 24 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4,6-Trichlorophenol | 24 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 24 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 24 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 48 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 24 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 24 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 24 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 24 ug/mL |
| | | | | | | | 2-Chlorophenol | 24 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 24 ug/mL |
| | | | | | | | 2-Methylphenol | 24 ug/mL |
| | | | | | | | 2-Nitroaniline | 24 ug/mL |
| | | | | | | | 2-Nitrophenol | 24 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 24 ug/mL |
| | | | | | | | 3-Nitroaniline | 24 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 48 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 24 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 24 ug/mL |
| | | | | | | | 4-Chloroaniline | 24 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 24 ug/mL |
| | | | | | | | 4-Methylphenol | 24 ug/mL |
| | | | | | | | 4-Nitroaniline | 24 ug/mL |
| | | | | | | | 4-Nitrophenol | 48 ug/mL |
| | | | | | | | Acenaphthene | 24 ug/mL |
| | | | | | | | Acenaphthylene | 24 ug/mL |
| | | | | | | | Acetophenone | 24 ug/mL |
| | | | | | | | Aniline | 24 ug/mL |
| | | | | | | | Anthracene | 24 ug/mL |
| | | | | | | | Azobenzene | 24 ug/mL |
| | | | | | | | Benzo[a]anthracene | 24 ug/mL |
| | | | | | | | Benzo[a]pyrene | 24 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 24 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 24 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 24 ug/mL |
| | | | | | | | Benzyl alcohol | 24 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 24 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 24 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 24 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 24 ug/mL |
| | | | | | | | Carbazole | 24 ug/mL |
| | | | | | | | Chrysene | 24 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 24 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 24 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 24 ug/mL |
| | | | | | | | Dibenzofuran | 24 ug/mL |
| | | | | | | | Diethyl phthalate | 24 ug/mL |
| | | | | | | | Dimethyl phthalate | 24 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Fluoranthene | 24 ug/mL |
| | | | | | | | Fluorene | 24 ug/mL |
| | | | | | | | Hexachlorobenzene | 24 ug/mL |
| | | | | | | | Hexachlorobutadiene | 24 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 24 ug/mL |
| | | | | | | | Hexachloroethane | 24 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 24 ug/mL |
| | | | | | | | Isophorone | 24 ug/mL |
| | | | | | | | n-Decane | 24 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 24 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 24 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 24 ug/mL |
| | | | | | | | n-Octadecane | 24 ug/mL |
| | | | | | | | Naphthalene | 24 ug/mL |
| | | | | | | | Nitrobenzene | 24 ug/mL |
| | | | | | | | Pentachlorophenol | 48 ug/mL |
| | | | | | | | Phenanthrene | 24 ug/mL |
| | | | | | | | Phenol | 24 ug/mL |
| | | | | | | | Pyrene | 24 ug/mL |
| | | | | | | | Pyridine | 48 ug/mL |
| .SV_BNA_L9_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 1500 uL | Benzoic acid | 120 ug/mL |
| | | | | | SM_8270_surr_00014 | 600 uL | 2,4,6-Tribromophenol | 120 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 120 ug/mL |
| | | | | | | | 2-Fluorophenol | 120 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 120 ug/mL |
| | | | | | | | Phenol-d5 | 120 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 120 ug/mL |
| | | | | | SM_8270cusmix_00005 | 1500 uL | 1,3-Dimethylnaphthalene | 120 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 120 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 120 ug/mL |
| | | | | | | | Carbamazepine | 120 ug/mL |
| | | | | | | | Coumarin | 120 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 120 ug/mL |
| | | | | | | | N-Methylaniline | 120 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 120 ug/mL |
| | | | | | | | Phenyl ether | 120 ug/mL |
| | | | | | SM_BPA_00020 | 3000 uL | Bisphenol-A | 120 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 400 uL | Atrazine | 32 ug/mL |
| | | | | | | | Benzaldehyde | 32 ug/mL |
| | | | | | | | Caprolactam | 32 ug/mL |
| | | | | | SM_std #9BNA_00024 | 1500 uL | 3,3'-Dichlorobenzidine | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzidine | 120 ug/mL |
| | | | | | SM_STD#1mega_00026 | 3000 uL | 1,1'-Biphenyl | 120 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 120 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 120 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 120 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,4-Dioxane | 120 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 120 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 120 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 120 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 120 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 120 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 120 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 120 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 240 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 120 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 120 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 120 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 120 ug/mL |
| | | | | | | | 2-Chlorophenol | 120 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 120 ug/mL |
| | | | | | | | 2-Methylphenol | 120 ug/mL |
| | | | | | | | 2-Nitroaniline | 120 ug/mL |
| | | | | | | | 2-Nitrophenol | 120 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 120 ug/mL |
| | | | | | | | 3-Nitroaniline | 120 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 240 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 120 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 120 ug/mL |
| | | | | | | | 4-Chloroaniline | 120 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 120 ug/mL |
| | | | | | | | 4-Methylphenol | 120 ug/mL |
| | | | | | | | 4-Nitroaniline | 120 ug/mL |
| | | | | | | | 4-Nitrophenol | 240 ug/mL |
| | | | | | | | Acenaphthene | 120 ug/mL |
| | | | | | | | Acenaphthylene | 120 ug/mL |
| | | | | | | | Acetophenone | 120 ug/mL |
| | | | | | | | Aniline | 120 ug/mL |
| | | | | | | | Anthracene | 120 ug/mL |
| | | | | | | | Azobenzene | 120 ug/mL |
| | | | | | | | Benzo[a]anthracene | 120 ug/mL |
| | | | | | | | Benzo[a]pyrene | 120 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 120 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 120 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzyl alcohol | 120 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 120 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 120 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 120 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 120 ug/mL |
| | | | | | | | Carbazole | 120 ug/mL |
| | | | | | | | Chrysene | 120 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 120 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 120 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 120 ug/mL |
| | | | | | | | Dibenzofuran | 120 ug/mL |
| | | | | | | | Diethyl phthalate | 120 ug/mL |
| | | | | | | | Dimethyl phthalate | 120 ug/mL |
| | | | | | | | Fluoranthene | 120 ug/mL |
| | | | | | | | Fluorene | 120 ug/mL |
| | | | | | | | Hexachlorobenzene | 120 ug/mL |
| | | | | | | | Hexachlorobutadiene | 120 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 120 ug/mL |
| | | | | | | | Hexachloroethane | 120 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 120 ug/mL |
| | | | | | | | Isophorone | 120 ug/mL |
| | | | | | | | n-Decane | 120 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 120 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 120 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 120 ug/mL |
| | | | | | | | n-Octadecane | 120 ug/mL |
| | | | | | | | Naphthalene | 120 ug/mL |
| | | | | | | | Nitrobenzene | 120 ug/mL |
| | | | | | | | Pentachlorophenol | 240 ug/mL |
| | | | | | | | Phenanthrene | 120 ug/mL |
| | | | | | | | Phenol | 120 ug/mL |
| | | | | | | | Pyrene | 120 ug/mL |
| | | | | | | | Pyridine | 240 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_ICV_ LVI_00012** | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 10 mL | SV_BNA_ICV_00012 | 2 mL | 1,4-Dichlorobenzene-d4 | 8 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| .SV_BNA_ICV_00012 | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 25 mL | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| **SV_ICV_ LVI_00012** | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 10 mL | SV_BNA_ICV_00012 | 2 mL | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| .SV_BNA_ICV_00012 | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 25 mL | SM_STD1meg2nd_00007 | 1250 uL | 2-Methylnaphthalene | 50 ug/mL |
| | | | | | | | Acenaphthene | 50 ug/mL |
| | | | | | | | Acenaphthylene | 50 ug/mL |
| | | | | | | | Anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]pyrene | 50 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 50 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 50 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 50 ug/mL |
| | | | | | | | Chrysene | 50 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 50 ug/mL |
| | | | | | | | Fluoranthene | 50 ug/mL |
| | | | | | | | Fluorene | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | Phenanthrene | 50 ug/mL |
| | | | | | | | Pyrene | 50 ug/mL |
| ..SM_STD1meg2nd_00007 | 11/30/25 | | RESTEK, Lot A02010619 | | (Purchased Reagent) | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| **VMTBA500_00059** | 02/09/25 | 01/09/25 | MeOH, Lot EI863-US | 2 mL | TBA AB_00007 | 50 uL | 2-Methyl-2-propanol | 500 ug/mL |
| .TBA AB_00007 | 11/11/25 | | ABSOLUTE, Lot 111120 | | (Purchased Reagent) | | 2-Methyl-2-propanol | 20000 ug/mL |
| **VOA6IS/SURR_00078** | 01/27/25 | 11/27/24 | MeOH, Lot EI863-US | 5 mL | 8260 SURR C_00066 | 100 uL | 1,2-Dichloroethane-d4 (Surr) | 50 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 50 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 50 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 50 ug/mL |
| | | | | | 8260ISNEW_00207 | 1 mL | 1,4-Dichlorobenzene-d4 | 50 ug/mL |
| | | | | | | | 1,4-Dioxane-d8 | 1000 ug/mL |
| | | | | | | | 2-Butanone-d5 | 250 ug/mL |
| | | | | | | | Chlorobenzene-d5 | 50 ug/mL |
| | | | | | | | Fluorobenzene | 50 ug/mL |
| | | | | | | | TBA-d9 (IS) | 1000 ug/mL |
| .8260 SURR C_00066 | 05/31/29 | | RESTEK, Lot A0211048 | | (Purchased Reagent) | | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 2500 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 2500 ug/mL |
| .8260ISNEW_00207 | 09/30/29 | | RESTEK, Lot A0217062 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 250 ug/mL |
| | | | | | | | 1,4-Dioxane-d8 | 5000 ug/mL |
| | | | | | | | 2-Butanone-d5 | 1250 ug/mL |
| | | | | | | | Chlorobenzene-d5 | 250 ug/mL |
| | | | | | | | Fluorobenzene | 250 ug/mL |
| | | | | | | | TBA-d9 (IS) | 5000 ug/mL |
| **VOA6IS/SURR_00079** | 03/28/25 | 01/28/25 | MeOH, Lot EI863-US | 5 mL | 8260ISNEW_00207 | 1 mL | 1,4-Dichlorobenzene-d4 | 50 ug/mL |
| | | | | | | | 1,4-Dioxane-d8 | 1000 ug/mL |
| | | | | | | | 2-Butanone-d5 | 250 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chlorobenzene-d5 | 50 ug/mL |
| | | | | | | | Fluorobenzene | 50 ug/mL |
| | | | | | | | TBA-d9 (IS) | 1000 ug/mL |
| .8260ISNEW_00207 | 09/30/29 | RESTEK, Lot A0217062 | | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 250 ug/mL |
| | | | | | | | 1,4-Dioxane-d8 | 5000 ug/mL |
| | | | | | | | 2-Butanone-d5 | 1250 ug/mL |
| | | | | | | | Chlorobenzene-d5 | 250 ug/mL |
| | | | | | | | Fluorobenzene | 250 ug/mL |
| | | | | | | | TBA-d9 (IS) | 5000 ug/mL |
| **VOA6IS/SURR_00079** | 03/28/25 | 01/28/25 | MeOH, Lot EI863-US | 5 mL | 8260 SURR C_00066 | 100 uL | 1,2-Dichloroethane-d4 (Surr) | 50 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 50 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 50 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 50 ug/mL |
| .8260 SURR C_00066 | 05/31/29 | RESTEK, Lot A0211048 | | | (Purchased Reagent) | | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 2500 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 2500 ug/mL |

# Reagent

# 14DIOXNEAT_00004

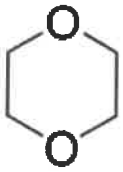
Supelco

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

# Certificate of Analysis

Product Name:
1,4-Dioxane - analytical standard

| | |
|---|---|
| **Product Number:** | **76887** |
| **Batch Number:** | **BCCH3811** |
| Brand: | SIAL |
| CAS Number: | 123-91-1 |
| Formula: | C4H8O2 |
| Formula Weight: | 88,11 g/mol |
| Quality Release Date: | 18 MAR 2022 |
| Expiration Date: | FEB 2025 |



R2386
HS 3/31/23 #10669636

| Test | Specification | Result |
|---|---|---|
| Appearance (Color) | Colorless | Colorless |
| Appearance (Form) | Liquid | Liquid |
| Purity (GC) | ≥ 99.5 % | 100.0 % |
| Refractive index at 20 °C | 1.421 - 1.423 | 1.422 |
| Water (Coulometric) | ≤ 0.05 % | 0.03 % |
| Peroxide (as H2O2) | ≤ 50.00 mg/kg | < 50.00 mg/kg |

Dr. R. Schwenninger

Dr.Reinhold Schwenninger
Quality Assurance
Buchs,Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

# Reagent

# 2-CEVEC_00031

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

R2546
MS 9/14/24 #12023864

03/13/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569723 **Lot No.:** A0213181

**Description :** 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Chloroethyl vinyl ether | 110-75-8 | MKCV7865 | 99% | 2,508.8 µg/mL | +/- 31.2225 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Page 58 of 958

Reagent

# 7 Freons_00007

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 65833
**Lot Number:** 040723
**Description:** Freon Standard Rev 1
7 components
**Expiration Date:** 040726
**Recommended Storage:** Freezer (0 °C)
**Nominal Concentration (µg/mL):** 2000 MS 11/12/24
**NIST Test ID#:** 6UTB

**Solvent(s):** Methanol **Lot#** EF282-USQ5

R2561

#12162831

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

| Formulated By: | Eli Aliaga | 040723 DATE |
|---|---|---|
| Reviewed By: | Pedro L. Rentas | 040723 DATE |

| | Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Initial Conc.(µg/mL) | Final Conc.(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Chlorodifluoromethane | 33601 | 071422 | 0.10 | 10.00 | 0.042 | 20026.7 | 2002.2 | 18.7 | 75-45-6 | 1000 ppm(3500mg/m3/8H) | N/A |
| 2. | Chloropentafluoroethane | 34471 | 050719 | 0.10 | 10.00 | 0.042 | 20213.6 | 2020.9 | 18.9 | 76-15-3 | N/A | N/A |
| 3. | Chlorotrifluoroethene | 33611 | 040523 | 0.20 | 20.00 | 0.003 | 10028.2 | 2005.1 | 8.2 | 79-38-9 | N/A | N/A |
| 4. | 1,2-Dichlorotrifluoroethane | 32641 | 080422 | 0.10 | 10.00 | 0.042 | 20020.4 | 2001.5 | 18.8 | 354-23-4 | N/A | N/A |
| 5. | 2,2-Dichloro-1,1,1-trifluoroethane | 33951 | 062022 | 0.10 | 10.00 | 0.042 | 20006.9 | 2000.2 | 18.7 | 306-83-2 | N/A | N/A |
| 6. | 1,1-Difluoroethane | 34411 | 121617 | 0.10 | 10.00 | 0.042 | 20009.4 | 2000.4 | 18.7 | 75-37-6 | N/A | N/A |
| 7. | 1,2-Difluorotetrachloroethane | 34481 | 102616 | 0.10 | 10.00 | 0.042 | 20010.7 | 2000.6 | 18.7 | 76-12-0 | 500 ppm | N/A |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

# Reagent

# 8260 SURR C_00066

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2555

MS 10/8/24

#12083105

ilac-MRA
A2LA ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01
03/13/2025

ilac-MRA
A2LA ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 567650 **Lot No.:** A0211048

**Description :** 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** May 31, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dibromofluoromethane | 1868-53-7 | 022013 | 99% | 2,502.2 µg/mL | +/- 140.5627 |
| 2 | 1,2-Dichloroethane-d4 | 17060-07-0 | PR-33313 | 99% | 2,501.3 µg/mL | +/- 140.5094 |
| 3 | Toluene-d8 | 2037-26-5 | PR-34141 | 99% | 2,502.8 µg/mL | +/- 140.5965 |
| 4 | 1-Bromo-4-fluorobenzene (BFB) | 460-00-4 | 0000194533 | 99% | 2,501.6 µg/mL | +/- 140.5262 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 958

# Reagent

# 8260ISNEW_00207

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2554

NS 10/4/24

#12074721

03/13/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568718 **Lot No.:** A0217062

**Description :** 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** September 30, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | tert-Butyl-d9-alcohol | 25725-11-5 | HJ-479 | 99% | 5,001.3 µg/mL | +/- 62.1141 |
| 2 | 2-Butanone-d5 | 24313-50-6 | M-276 | 99% | 1,250.9 µg/mL | +/- 15.5357 |
| 3 | Fluorobenzene | 462-06-6 | BCBZ5549 | 99% | 250.0 µg/mL | +/- 3.1065 |
| 4 | 1,4-Dioxane-d8 | 17647-74-4 | RP240917A | 99% | 5,004.3 µg/mL | +/- 62.1513 |
| 5 | Chlorobenzene-d5 | 3114-55-4 | PR-31132 | 99% | 250.3 µg/mL | +/- 3.1102 |
| 6 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | PR-30447 | 99% | 250.7 µg/mL | +/- 3.1152 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

Reagent

# ACROLEIN_00025

R2511

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

03/13/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568720 **Lot No.:** A0209476

**Description :** 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acrolein | 107-02-8 | RP240118CTH | 99% | 19,917.5 µg/mL | +/- 585.1357 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Water
**CAS #** 7732-18-5
**Purity** 99%

Page 106 of 958

Reagent

# Acrylonitrile_00010

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 79007
**Lot Number:** 061523
**Description:** Acrylonitrile

**Solvent:** Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

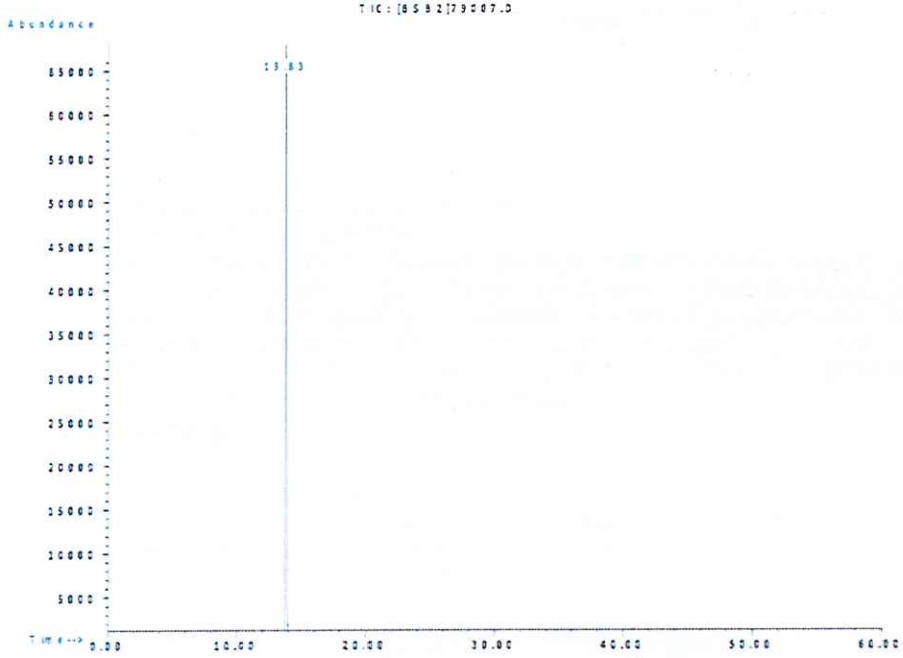
**Expiration Date:** 061526
**Recommended Storage:** Refrigerate (4 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test ID#:** 6UTB

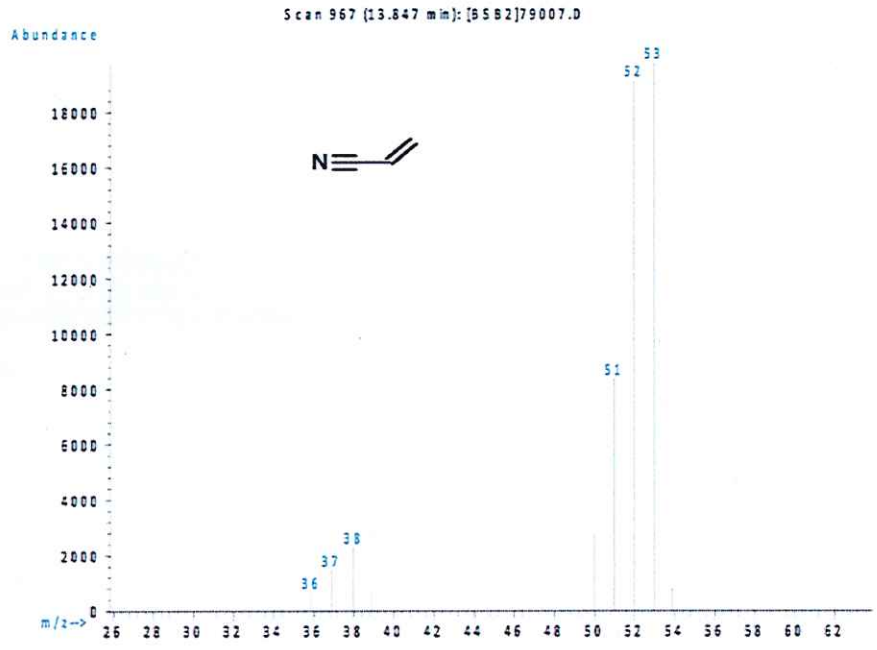
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0
0.001 Flask Uncertainty

| Formulated By: | Eli Aliaga | 061523 DATE |
|---|---|---|
| Reviewed By: | Pedro L. Rentas | 061523 DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity (%) | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Acrylonitrile | 7 | 4718CK | 1000 | 99 | 0.2 | 0.05054 | 0.05063 | 1001.9 | 4.5 | 107-13-1 | N/A | orl-rat 78 mg/kg |

**Method:** GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C ( Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren




- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# EPICHLO(NEAT)_00001

R1584

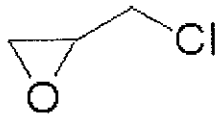
SIGMA-ALDRICH®

sigma-aldrich.com

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

# Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)




| | |
|---|---|
| **Product Number:** | **45340** |
| **Batch Number:** | **SHBD0368V** |
| Brand: | FLUKA |
| CAS Number: | 106-89-8 |
| MDL Number: | MFCD00005132 |
| Formula: | C3H5ClO |
| Formula Weight: | 92.52 g/mol |
| Quality Release Date: | 23 JAN 2013 |

| Test | Specification | Result |
|---|---|---|
| Appearance (Clarity) | Clear | Clear |
| Appearance (Color) | Colorless | Colorless |
| Appearance (Form) | Liquid | Liquid |
| Infrared spectrum | Conforms to Structure | Conforms |
| Color Test | ≤ 20 APHA | < 10 APHA |
| Refractive index at 20 °C | 1.437 - 1.439 | 1.438 |
| Purity (GC) | ≥ 99.0 % | 99.9 % |
| Water (by Karl Fischer) | ≤ 0.1 % | < 0.1 % |

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

# ETHANOL(new)_00025

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2548

MS 9/14/24 # L0238 66

03/13/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571994 **Lot No.:** A0212265

**Description :** 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Ethanol | 64-17-5 | SHBR1203 | 99% | 100,982.0 µg/mL | +/- 1,256.0897 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Reagent

# Extra Cmpd_00024

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

| | |
|---|---|
| **Part Number:** | 98593 |
| Lot Number: | 092922 |
| Description: | VOC Standard 2015 |
| | 14 components |
| Expiration Date: | 092925 |
| Recommended Storage: | Freezer (0 °C) |
| Nominal Concentration (µg/mL): | Varied |
| NIST Test ID#: | 6UTB |

**Solvent(s):** **Lot#**
Methanol EC592-USQ6

MS 9/14/24

R2550

#1203894

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty 5E-05 Balance Uncertainty

| | | |
|---|---|---|
| Formulated By: | Benson Chan | 092922 DATE |
| Reviewed By: | Pedro L. Rentas | 092922 DATE |

| | Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | n-Amyl acetate | 1515 | OGL01 | 2500 | 98 | 0.2 | 0.25511 | 0.25561 | 2504.9 | 10.3 | 628-63-7 | 100 ppm (525 mg/m3/8H) | orl-rbt 7400 mg/kg |
| 2. | tert-Amyl ethyl ether | 2609 | IKVYB-KF | 2500 | 98 | 0.2 | 0.25511 | 0.25536 | 2502.4 | 10.3 | 919-94-8 | N/A | inh-mus 81284mg/m3/15H |
| 3. | n-Butyl acrylate | 1194 | OGN01 | 2500 | 99 | 0.2 | 0.25254 | 0.25273 | 2501.9 | 10.2 | 141-32-2 | 10 ppm (55mg/m3/8H) | orl-rat 900mg/kg |
| 4. | Butyl methacrylate | 1314 | 03220HG | 2500 | 99 | 0.2 | 0.25254 | 0.25285 | 2503.1 | 10.2 | 97-88-1 | N/A | orl-rat 18 g/kg |
| 5. | Cyclopentene | 519 | 04013BX | 2500 | 99 | 0.2 | 0.25254 | 0.25265 | 2501.1 | 10.2 | 142-29-0 | N/A | orl-rat 1656mg/kg |
| 6. | 4-Ethyltoluene | 1001 | 031097 | 2500 | 99 | 0.2 | 0.25254 | 0.25313 | 2505.9 | 10.2 | 622-96-8 | N/A | N/A |
| 7. | Indan | 955 | 02625MQ | 2500 | 96 | 0.2 | 0.26043 | 0.26075 | 2503.1 | 10.5 | 496-11-7 | N/A | N/A |
| 8. | Isoprene | 1541 | SHBN7340 | 2500 | 99.7 | 0.2 | 0.25076 | 0.25112 | 2503.5 | 10.1 | 78-79-5 | N/A | N/A |
| 9. | Isopropyl acetate | 1106 | U17E045 | 2500 | 99.9 | 0.2 | 0.25026 | 0.25097 | 2507.1 | 10.1 | 108-21-4 | 250 ppm (950mg/m3) | orl-rbt 6946mg/kg |
| 10. | Methyl acrylate | 1075 | SHBK0679 | 2500 | 99.9 | 0.2 | 0.25026 | 0.25088 | 2506.2 | 10.1 | 96-33-3 | 10 ppm(35mg/m3/8H)(skin) | orl-rat 277mg/kg |
| 11. | n-Pentane | 783 | SHBM5087 | **5000** | 99.4 | 0.2 | 0.50304 | 0.50358 | **5005.3** | 20.2 | 109-66-0 | 600 ppm(1800mg/m3/8H) | ivn-mus 446mg/kg |
| 12. | Propyl acetate | 1105 | 05017HY | 2500 | 99 | 0.2 | 0.25254 | 0.25286 | 2503.2 | 10.2 | 109-60-4 | 200 ppm (840mg/m3) | orl-rat 9370mg/kg |
| 13. | 1,2,4,5-Tetramethylbenzene | 1222 | 06310PW | 2500 | 98 | 0.2 | 0.25511 | 0.25520 | 2500.8 | 10.3 | 95-93-2 | N/A | orl-rat 6989mg/kg |
| 14. | 1,4-Diethylbenzene | 949 | OGE01 | 2500 | 98 | 0.2 | 0.25511 | 0.25536 | 2502.4 | 10.3 | 105-05-5 | N/A | N/A |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# GASES C_00041

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2527

MS 6/6/24 # 11794792

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
03/13/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569722 **Lot No.:** A0211969

**Description :** 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane (CFC-12) | 75-71-8 | 00022922 | 99% | 2,523.8 µg/mL | +/- 142.4301 |
| 2 | Chloromethane (methyl chloride) | 74-87-3 | SHBP8835 | 99% | 2,527.3 µg/mL | +/- 142.5086 |
| 3 | Vinyl chloride | 75-01-4 | 00015559 | 99% | 2,526.1 µg/mL | +/- 142.4075 |
| 4 | 1,3-Butadiene | 106-99-0 | 00019375 | 99% | 2,523.9 µg/mL | +/- 142.3851 |
| 5 | Bromomethane (methyl bromide) | 74-83-9 | 00017022 | 99% | 2,520.8 µg/mL | +/- 142.6962 |
| 6 | Chloroethane (ethyl chloride) | 75-00-3 | 107-401039114-1 | 99% | 2,520.7 µg/mL | +/- 142.3441 |
| 7 | Dichlorofluoromethane (CFC-21) | 75-43-4 | 14485600 | 90% | 2,524.5 µg/mL | +/- 141.8155 |
| 8 | Trichlorofluoromethane (CFC-11) | 75-69-4 | MKCJ8658 | 99% | 2,518.0 µg/mL | +/- 141.8687 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

# Reagent

# KetonesC_00030

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

MS 10/15/24 R2557 #12100077

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01 03/13/2025
ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569721 **Lot No.:** A0210935

**Description :** 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetone | 67-64-1 | SHBQ8504 | 99% | 12,591.3 µg/mL | +/- 435.1857 |
| 2 | 2-Butanone (MEK) | 78-93-3 | SHBQ4704 | 99% | 12,561.0 µg/mL | +/- 434.1373 |
| 3 | 4-Methyl-2-pentanone (MIBK) | 108-10-1 | SHBP9200 | 99% | 12,580.0 µg/mL | +/- 434.7940 |
| 4 | 2-Hexanone | 591-78-6 | MKCV1997 | 99% | 12,580.7 µg/mL | +/- 434.8170 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

# Reagent

# LIST2/STD6_00023

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

03/13/2025

# Certificate of Analysis

*chromatographic plus*

R25511

MS 9/24/24

#12045167

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 570808 **Lot No.:** A0216327

**Description :** 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** March 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Propanol (isopropanol) | 67-63-0 | SHBR6536 | 99% | 25,028.0 µg/mL | +/- 409.2558 |
| 2 | Chloroprene (2-chloro-1,3-butadiene) | 126-99-8 | SYN240402ECS | 99% | 2,515.0 µg/mL | +/- 41.1371 |
| 3 | Methacrylonitrile | 126-98-7 | 1012014 | 99% | 25,025.0 µg/mL | +/- 409.2067 |
| 4 | 2,2,4-Trimethylpentane ( isooctane ) | 540-84-1 | SHBP5702 | 99% | 2,512.0 µg/mL | +/- 41.0880 |
| 5 | 1-Butanol | 71-36-3 | 101601K21K | 99% | 62,571.0 µg/mL | +/- 1,023.1558 |
| 6 | 2-Nitropropane | 79-46-9 | BCCB9352 | 97% | 5,019.8 µg/mL | +/- 82.1065 |
| 7 | 1-Chlorohexane | 544-10-5 | BCBS3368V | 99% | 2,509.0 µg/mL | +/- 41.0390 |
| 8 | 1,2,3-Trimethylbenzene | 526-73-8 | 8776.10-39 | 98% | 2,507.8 µg/mL | +/- 41.0197 |
| 9 | Benzyl chloride | 100-44-7 | MKCM5986 | 99% | 2,509.0 µg/mL | +/- 41.0390 |
| 10 | 1,3,5-Trichlorobenzene | 108-70-3 | 11319AS | 99% | 2,510.0 µg/mL | +/- 41.0553 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

# Reagent

# LIST2/STD7_00026

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2549

MS 9/14/24 #1023893

03/13/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 570809 **Lot No.:** A0213624

**Description :** 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Ethyl acetate | 141-78-6 | SHBR4534 | 99% | 5,029.0 µg/mL | +/- 173.8139 |
| 2 | Ethyl acrylate | 140-88-5 | 10129902 | 99% | 2,508.5 µg/mL | +/- 86.7053 |
| 3 | Methyl methacrylate | 80-62-6 | MKCQ2756 | 99% | 5,011.5 µg/mL | +/- 173.2091 |
| 4 | Butyl acetate | 123-86-4 | SHBR2024 | 99% | 2,508.5 µg/mL | +/- 86.7053 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Reagent

# Mega Mix SS_00022

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2538

MS 8/20/24 # 11963397

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01 03/13/2025

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571992.SEC **Lot No.:** A0195252

**Description :** 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2025 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Diethyl ether (ethyl ether) | 60-29-7.SEC | F23X068 | 99% | 2,516.7 µg/mL | +/- 86.9644 |
| 2 | 1,1,2-Trichlorotrifluoroethane (CFC-113) | 76-13-1.SEC | 18342 | 99% | 2,520.0 µg/mL | +/- 87.0795 |
| 3 | 1,1-Dichloroethene | 75-35-4.SEC | 13896500 | 99% | 2,525.0 µg/mL | +/- 87.2523 |
| 4 | tert-Butanol (TBA) | 75-65-0.SEC | DI34O | 99% | 25,129.5 µg/mL | +/- 868.3580 |
| 5 | Methyl acetate | 79-20-9.SEC | UCNEL | 99% | 5,029.0 µg/mL | +/- 173.7790 |
| 6 | Iodomethane (methyl iodide) | 74-88-4.SEC | Y25A027 | 99% | 2,521.7 µg/mL | +/- 87.1371 |
| 7 | Allyl chloride ( 3-chloropropene ) | 107-05-1.SEC | RD210329 | 99% | 2,518.2 µg/mL | +/- 87.0162 |
| 8 | Methylene chloride (dichloromethane) | 75-09-2.SEC | FGM02 | 99% | 2,516.7 µg/mL | +/- 86.9644 |
| 9 | Carbon disulfide | 75-15-0.SEC | MKBL1376V | 99% | 2,511.7 µg/mL | +/- 86.7916 |
| 10 | Acrylonitrile | 107-13-1.SEC | V54AD | 99% | 25,200.3 µg/mL | +/- 870.8057 |
| 11 | Methyl-tert-butyl ether ( MTBE ) | 1634-04-4.SEC | CDCQG | 99% | 2,517.3 µg/mL | +/- 86.9874 |
| 12 | cis-1,2-Dichloroethene | 156-59-2.SEC | YZO5O | 99% | 2,515.3 µg/mL | +/- 86.9183 |
| 13 | n-Hexane (C6) | 110-54-3.SEC | 10188491 | 99% | 2,514.7 µg/mL | +/- 86.8953 |
| 14 | 1,1-Dichloroethane | 75-34-3.SEC | 1026.30-3 | 98% | 2,512.6 µg/mL | +/- 86.8223 |
| 15 | 2,2-Dichloropropane | 594-20-7.SEC | GI01 | 99% | 2,521.5 µg/mL | +/- 87.1314 |
| 16 | trans-1,2-Dichloroethene | 156-60-5.SEC | L5QOH | 99% | 2,525.0 µg/mL | +/- 87.2523 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Isobutanol (2-Methyl-1-propanol) | 78-83-1.SEC | PH2XK | 99% | 62,830.8 | µg/mL | +/- 2,171.1398 |
| 18 | Chloroform | 67-66-3.SEC | 1297547 | 99% | 2,511.7 | µg/mL | +/- 86.7916 |
| 19 | Bromochloromethane | 74-97-5 * | 230206JLM | 99% | 2,515.7 | µg/mL | +/- 86.9298 |
| 20 | Tetrahydrofuran | 109-99-9.SEC | 3NYHE | 99% | 5,018.5 | µg/mL | +/- 173.4162 |
| 21 | 1,1,1-Trichloroethane | 71-55-6.SEC | 13891800 | 99% | 2,506.5 | µg/mL | +/- 86.6130 |
| 22 | Cyclohexane | 110-82-7.SEC | YADRA | 99% | 2,523.3 | µg/mL | +/- 87.1947 |
| 23 | 1,1-Dichloropropene | 563-58-6.SEC | 556500 | 99% | 2,520.5 | µg/mL | +/- 87.0968 |
| 24 | Carbon tetrachloride | 56-23-5.SEC | 11466 | 99% | 2,520.5 | µg/mL | +/- 87.0968 |
| 25 | n-Heptane (C7) | 142-82-5.SEC | TFHUC | 99% | 2,516.5 | µg/mL | +/- 86.9586 |
| 26 | 1,2-Dichloroethane | 107-06-2.SEC | 00016165 | 99% | 2,519.8 | µg/mL | +/- 87.0738 |
| 27 | Benzene | 71-43-2.SEC | 101960P29K | 99% | 2,518.8 | µg/mL | +/- 87.0392 |
| 28 | Trichloroethene | 79-01-6.SEC | H04X050 | 99% | 2,524.3 | µg/mL | +/- 87.2293 |
| 29 | Methylcyclohexane | 108-87-2.SEC | Q02QG | 99% | 2,515.8 | µg/mL | +/- 86.9356 |
| 30 | 1,2-Dichloropropane | 78-87-5.SEC | ERRBI-RH | 99% | 2,516.8 | µg/mL | +/- 86.9701 |
| 31 | 1,4-Dioxane | 123-91-1.SEC | QHRWO | 99% | 50,137.2 | µg/mL | +/- 1,732.5061 |
| 32 | Dibromomethane | 74-95-3.SEC | MOKKJ | 99% | 2,516.3 | µg/mL | +/- 86.9528 |
| 33 | cis-1,3-Dichloropropene | 10061-01-5.SEC | ZLXJ-TJ | 99% | 2,502.8 | µg/mL | +/- 86.4863 |
| 34 | Toluene | 108-88-3.SEC | YND2B-BD | 99% | 2,522.2 | µg/mL | +/- 87.1544 |
| 35 | Ethyl methacrylate | 97-63-2.SEC | AQSPO | 99% | 2,510.8 | µg/mL | +/- 86.7628 |
| 36 | trans-1,3-Dichloropropene | 10061-02-6.SEC | DMSL | 98% | 2,517.1 | µg/mL | +/- 86.9804 |
| 37 | 1,1,2-Trichloroethane | 79-00-5.SEC | 9245400 | 99% | 2,512.2 | µg/mL | +/- 86.8089 |
| 38 | 1,3-Dichloropropane | 142-28-9.SEC | IQCON | 99% | 2,519.3 | µg/mL | +/- 87.0565 |
| 39 | Tetrachloroethene | 127-18-4.SEC | F09W014 | 99% | 2,521.3 | µg/mL | +/- 87.1256 |
| 40 | Dibromochloromethane | 124-48-1.SEC | 10234064 | 99% | 2,517.5 | µg/mL | +/- 86.9932 |
| 41 | 1,2-Dibromoethane (EDB) | 106-93-4.SEC | 050675P15E | 99% | 2,518.3 | µg/mL | +/- 87.0220 |
| 42 | Chlorobenzene | 108-90-7.SEC | 1161936 | 99% | 2,515.8 | µg/mL | +/- 86.9356 |
| 43 | m-Xylene | 108-38-3.SEC | 7ZV6F | 99% | 1,255.3 | µg/mL | +/- 43.3814 |
| 44 | p-Xylene | 106-42-3.SEC | D6UOA | 99% | 1,260.3 | µg/mL | +/- 43.5541 |
| 45 | Ethylbenzene | 100-41-4.SEC | PI4SE | 99% | 2,517.7 | µg/mL | +/- 86.9989 |
| 46 | 1,1,1,2-Tetrachloroethane | 630-20-6.SEC | 13789800 | 99% | 2,517.5 | µg/mL | +/- 86.9932 |
| 47 | o-Xylene | 95-47-6.SEC | UJ6RI | 99% | 2,515.8 | µg/mL | +/- 86.9356 |
| 48 | Styrene | 100-42-5.SEC | QGQ7F | 99% | 2,521.3 | µg/mL | +/- 87.1256 |
| 49 | Isopropylbenzene (cumene) | 98-82-8.SEC | 7P24L | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 50 | Bromoform | 75-25-2.SEC | 13723500 | 99% | 2,522.5 | µg/mL | +/- 87.1659 |
| 51 | Bromodichloromethane | 75-27-4.SEC | 28128 | 99% | 2,524.2 | µg/mL | +/- 87.2235 |
| 52 | 1,1,2,2-Tetrachloroethane | 79-34-5.SEC | BCCD5088 | 99% | 2,523.7 | µg/mL | +/- 87.2063 |

03/13/2025
Page 125 of 958

| | | | | | | |
|---|---|---|---|---|---|---|
| 53 | 1,2,3-Trichloropropane | 96-18-4.SEC 6V2ED | 99% | 2,522.2 | µg/mL | +/- 87.1544 |
| 54 | trans-1,4-Dichloro-2-butene | 110-57-6.SEC RD230316RSR | 96% | 2,517.0 | µg/mL | +/- 86.9745 |
| 55 | n-Propylbenzene | 103-65-1.SEC XCGEC | 99% | 2,518.8 | µg/mL | +/- 87.0392 |
| 56 | Bromobenzene | 108-86-1.SEC 2FUHG-EM | 99% | 2,518.3 | µg/mL | +/- 87.0220 |
| 57 | 1,3,5-Trimethylbenzene | 108-67-8.SEC GI2SM | 99% | 2,514.3 | µg/mL | +/- 86.8837 |
| 58 | 2-Chlorotoluene | 95-49-8.SEC BRHPM | 99% | 2,515.7 | µg/mL | +/- 86.9298 |
| 59 | 4-Chlorotoluene | 106-43-4.SEC S5SKD | 99% | 2,518.8 | µg/mL | +/- 87.0392 |
| 60 | tert-Butylbenzene | 98-06-6.SEC D6OHC | 99% | 2,522.0 | µg/mL | +/- 87.1487 |
| 61 | 1,2,4-Trimethylbenzene | 95-63-6.SEC JHZDD | 99% | 2,517.3 | µg/mL | +/- 86.9874 |
| 62 | sec-Butylbenzene | 135-98-8.SEC O4HRF | 99% | 2,522.0 | µg/mL | +/- 87.1487 |
| 63 | 4-Isopropyltoluene (p-cymene) | 99-87-6.SEC 13889300 | 98% | 2,518.1 | µg/mL | +/- 87.0142 |
| 64 | 1,3-Dichlorobenzene | 541-73-1.SEC ZA2ZI | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 65 | 1,4-Dichlorobenzene | 106-46-7.SEC J5GVD | 99% | 2,522.5 | µg/mL | +/- 87.1659 |
| 66 | n-Butylbenzene | 104-51-8.SEC MMPGA | 99% | 2,523.7 | µg/mL | +/- 87.2063 |
| 67 | 1,2-Dichlorobenzene | 95-50-1.SEC R6QDM | 99% | 2,512.0 | µg/mL | +/- 86.8031 |
| 68 | 1,2-Dibromo-3-chloropropane | 96-12-8.SEC Q135-105 | 99% | 2,517.7 | µg/mL | +/- 86.9989 |
| 69 | 1,2,4-Trichlorobenzene | 120-82-1.SEC IGLFA | 99% | 2,515.7 | µg/mL | +/- 86.9298 |
| 70 | Hexachlorobutadiene | 87-68-3.SEC 13889400 | 97% | 2,520.4 | µg/mL | +/- 87.0928 |
| 71 | Naphthalene | 91-20-3.SEC AM5NG | 99% | 2,520.0 | µg/mL | +/- 87.0795 |
| 72 | 1,2,3-Trichlorobenzene | 87-61-6.SEC A0043055 | 99% | 2,517.8 | µg/mL | +/- 87.0047 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

03/13/2025
Page 126 of 958

# Reagent

# **Mega Mix_00042**

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

03/13/2025

# Certificate of Analysis

*chromatographic plus*

MS 9/14/24 R2545 # 12023813

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571992 **Lot No.:** A0203458

**Description :** 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Diethyl ether (ethyl ether) | 60-29-7 | SHBQ1495 | 99% | 2,515.0 µg/mL | +/- 86.9068 |
| 2 | 1,1,2-Trichlorotrifluoroethane (CFC-113) | 76-13-1 | 00016133 | 99% | 2,518.8 µg/mL | +/- 87.0364 |
| 3 | 1,1-dichloroethene | 75-35-4 | SHBG8609V | 99% | 2,516.3 µg/mL | +/- 86.9500 |
| 4 | tert-Butanol (TBA) | 75-65-0 | SHBQ8002 | 99% | 25,095.0 µg/mL | +/- 867.1659 |
| 5 | Methyl acetate | 79-20-9 | SHBP3100 | 99% | 5,016.4 µg/mL | +/- 173.3427 |
| 6 | Iodomethane (methyl iodide) | 74-88-4 | MKCN8012 | 99% | 2,517.4 µg/mL | +/- 86.9888 |
| 7 | Allyl chloride ( 3-chloropropene ) | 107-05-1 | RD230914ECS | 99% | 2,515.9 µg/mL | +/- 86.9370 |
| 8 | Methylene chloride (dichloromethane) | 75-09-2 | SHBQ6376 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 9 | Carbon disulfide | 75-15-0 | Q30J743 | 99% | 2,512.9 µg/mL | +/- 86.8333 |
| 10 | Acrylonitrile | 107-13-1 | 102466R02E | 99% | 25,031.9 µg/mL | +/- 864.9846 |
| 11 | Methyl-tert-butyl ether ( MTBE ) | 1634-04-4 | SHBP0179 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 12 | cis-1,2-Dichloroethene | 156-59-2 | MKCP7830 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 13 | n-Hexane (C6) | 110-54-3 | STBG6381 | 99% | 2,520.3 µg/mL | +/- 87.0882 |
| 14 | 1,1-Dichloroethane | 75-34-3 | 852900 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 15 | 2,2-Dichloropropane | 594-20-7 | RD230426 | 99% | 2,521.3 µg/mL | +/- 87.1227 |
| 16 | trans-1,2-Dichloroethene | 156-60-5 | MKCP9516 | 99% | 2,514.9 µg/mL | +/- 86.9025 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Isobutanol (2-Methyl-1-propanol) | 78-83-1 | SHBP7066 | 99% | 62,561.0 | µg/mL | +/- 2,161.8157 |
| 18 | chloroform | 67-66-3 | SHBN8469 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 19 | Bromochloromethane | 74-97-5 | 230810JLM | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 20 | Tetrahydrofuran | 109-99-9 | SHBQ8516 | 99% | 5,020.9 | µg/mL | +/- 173.4982 |
| 21 | 1,1,1-trichloroethane | 71-55-6 | RD230728RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 22 | Cyclohexane | 110-82-7 | MKCQ2001 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 23 | 1,1-Dichloropropene | 563-58-6 | 230825JLM | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 24 | carbon tetrachloride | 56-23-5 | SHBP4875 | 99% | 2,513.0 | µg/mL | +/- 86.8377 |
| 25 | n-Heptane (C7) | 142-82-5 | 044743T01D | 99% | 2,515.4 | µg/mL | +/- 86.9197 |
| 26 | 1,2-Dichloroethane | 107-06-2 | SHBQ0693 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 27 | Benzene | 71-43-2 | MKCS3357 | 99% | 2,513.4 | µg/mL | +/- 86.8506 |
| 28 | Trichloroethene | 79-01-6 | SHBN3720 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 29 | Methylcyclohexane | 108-87-2 | SHBN1699 | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 30 | 1,2-Dichloropropane | 78-87-5 | BCBR0882V | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 31 | 1,4-Dioxane | 123-91-1 | SHBQ2407 | 99% | 50,131.4 | µg/mL | +/- 1,732.3059 |
| 32 | Dibromomethane | 74-95-3 | 10233302 | 99% | 2,514.6 | µg/mL | +/- 86.8938 |
| 33 | cis-1,3-Dichloropropene | 10061-01-5 | RD230406RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 34 | Toluene | 108-88-3 | MKCS9989 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 35 | Ethyl methacrylate | 97-63-2 | MKCN6206 | 97% | 2,508.3 | µg/mL | +/- 86.6752 |
| 36 | trans-1,3-Dichloropropene | 10061-02-6 | RD220816 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 37 | 1,1,2-Trichloroethane | 79-00-5 | FGB01 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 38 | 1,3-Dichloropropane | 142-28-9 | BCCH5357 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 39 | Tetrachloroethene | 127-18-4 | SHBQ0051 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 40 | dibromochloromethane | 124-48-1 | MKCQ4517 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 41 | 1,2-Dibromoethane (EDB) | 106-93-4 | BCCH7113 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 42 | Chlorobenzene | 108-90-7 | SHBN6640 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 43 | m-Xylene | 108-38-3 | SHBN6673 | 99% | 1,254.8 | µg/mL | +/- 43.3584 |
| 44 | p-Xylene | 106-42-3 | SHBP5191 | 99% | 1,257.0 | µg/mL | +/- 43.4361 |
| 45 | Ethylbenzene | 100-41-4 | 094632L21G | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 46 | 1,1,1,2-Tetrachloroethane | 630-20-6 | GC01 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 47 | o-Xylene | 95-47-6 | 50069309 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 48 | Styrene | 100-42-5 | MKCQ3390 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 49 | Isopropylbenzene (cumene) | 98-82-8 | Z20D022 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 50 | bromoform | 75-25-2 | 050494L04R | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 51 | bromodichloromethane | 75-27-4 | MKCF8470 | 99% | 2,512.5 | µg/mL | +/- 86.8204 |
| 52 | 1,1,2,2-Tetrachloroethane | 79-34-5 | QQJ41 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |

03/13/2025

Page 129 of 958

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 53 | 1,2,3-Trichloropropane | 96-18-4 | Q91-34 | 98% | 2,513.5 | µg/mL | +/- 86.8534 |
| 54 | trans-1,4-dichloro-2-butene | 110-57-6 | RD230720RSR | 94% | 2,504.7 | µg/mL | +/- 86.5525 |
| 55 | n-Propylbenzene | 103-65-1 | G08M | 98% | 2,511.4 | µg/mL | +/- 86.7814 |
| 56 | Bromobenzene | 108-86-1 | MKCQ7174 | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 57 | 1,3,5-Trimethylbenzene | 108-67-8 | BCCF4166 | 99% | 2,513.8 | µg/mL | +/- 86.8636 |
| 58 | 2-Chlorotoluene | 95-49-8 | 235783M23T | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 59 | 4-Chlorotoluene | 106-43-4 | BCCG9286 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 60 | tert-Butylbenzene | 98-06-6 | STBJ1937 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 61 | 1,2,4-Trimethylbenzene | 95-63-6 | MKCS3775 | 99% | 2,515.9 | µg/mL | +/- 86.9370 |
| 62 | sec-Butylbenzene | 135-98-8 | MKCP2266 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 63 | p-Isopropyltoluene (p-Cymene) | 99-87-6 | MKCR6143 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 64 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 65 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 66 | n-Butylbenzene | 104-51-8 | 09418JJ | 99% | 2,514.5 | µg/mL | +/- 86.8895 |
| 67 | 1,2-Dichlorobenzene | 95-50-1 | SHBN3835 | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 68 | 1,2-Dibromo-3-chloropropane | 96-12-8 | HBMVB | 97% | 2,510.4 | µg/mL | +/- 86.7464 |
| 69 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 70 | Hexachlorobutadiene | 87-68-3 | RP230823RSR | 98% | 2,510.0 | µg/mL | +/- 86.7349 |
| 71 | Naphthalene | 91-20-3 | STBL1057 | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 72 | 1,2,3-Trichlorobenzene | 87-61-6 | MKBX7627V | 99% | 2,514.1 | µg/mL | +/- 86.8765 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

03/13/2025
Page 130 of 958

Reagent

# Mega Mix_00043

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

03/13/2025

# Certificate of Analysis

*chromatographic plus*

MS 1/3/25 R 2576 #12275361

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571992 **Lot No.:** A0203458

**Description :** 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Diethyl ether (ethyl ether) | 60-29-7 | SHBQ1495 | 99% | 2,515.0 µg/mL | +/- 86.9068 |
| 2 | 1,1,2-Trichlorotrifluoroethane (CFC-113) | 76-13-1 | 00016133 | 99% | 2,518.8 µg/mL | +/- 87.0364 |
| 3 | 1,1-dichloroethene | 75-35-4 | SHBG8609V | 99% | 2,516.3 µg/mL | +/- 86.9500 |
| 4 | tert-Butanol (TBA) | 75-65-0 | SHBQ8002 | 99% | 25,095.0 µg/mL | +/- 867.1659 |
| 5 | Methyl acetate | 79-20-9 | SHBP3100 | 99% | 5,016.4 µg/mL | +/- 173.3427 |
| 6 | Iodomethane (methyl iodide) | 74-88-4 | MKCN8012 | 99% | 2,517.4 µg/mL | +/- 86.9888 |
| 7 | Allyl chloride ( 3-chloropropene ) | 107-05-1 | RD230914ECS | 99% | 2,515.9 µg/mL | +/- 86.9370 |
| 8 | Methylene chloride (dichloromethane) | 75-09-2 | SHBQ6376 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 9 | Carbon disulfide | 75-15-0 | Q30J743 | 99% | 2,512.9 µg/mL | +/- 86.8333 |
| 10 | Acrylonitrile | 107-13-1 | 102466R02E | 99% | 25,031.9 µg/mL | +/- 864.9846 |
| 11 | Methyl-tert-butyl ether ( MTBE ) | 1634-04-4 | SHBP0179 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 12 | cis-1,2-Dichloroethene | 156-59-2 | MKCP7830 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 13 | n-Hexane (C6) | 110-54-3 | STBG6381 | 99% | 2,520.3 µg/mL | +/- 87.0882 |
| 14 | 1,1-Dichloroethane | 75-34-3 | 852900 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 15 | 2,2-Dichloropropane | 594-20-7 | RD230426 | 99% | 2,521.3 µg/mL | +/- 87.1227 |
| 16 | trans-1,2-Dichloroethene | 156-60-5 | MKCP9516 | 99% | 2,514.9 µg/mL | +/- 86.9025 |

Page 958 of 958

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Isobutanol (2-Methyl-1-propanol) | 78-83-1 | SHBP7066 | 99% | 62,561.0 | µg/mL | +/- 2,161.8157 |
| 18 | chloroform | 67-66-3 | SHBN8469 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 19 | Bromochloromethane | 74-97-5 | 230810JLM | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 20 | Tetrahydrofuran | 109-99-9 | SHBQ8516 | 99% | 5,020.9 | µg/mL | +/- 173.4982 |
| 21 | 1,1,1-trichloroethane | 71-55-6 | RD230728RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 22 | Cyclohexane | 110-82-7 | MKCQ2001 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 23 | 1,1-Dichloropropene | 563-58-6 | 230825JLM | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 24 | carbon tetrachloride | 56-23-5 | SHBP4875 | 99% | 2,513.0 | µg/mL | +/- 86.8377 |
| 25 | n-Heptane (C7) | 142-82-5 | 044743T01D | 99% | 2,515.4 | µg/mL | +/- 86.9197 |
| 26 | 1,2-Dichloroethane | 107-06-2 | SHBQ0693 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 27 | Benzene | 71-43-2 | MKCS3357 | 99% | 2,513.4 | µg/mL | +/- 86.8506 |
| 28 | Trichloroethene | 79-01-6 | SHBN3720 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 29 | Methylcyclohexane | 108-87-2 | SHBN1699 | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 30 | 1,2-Dichloropropane | 78-87-5 | BCBR0882V | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 31 | 1,4-Dioxane | 123-91-1 | SHBQ2407 | 99% | 50,131.4 | µg/mL | +/- 1,732.3059 |
| 32 | Dibromomethane | 74-95-3 | 10233302 | 99% | 2,514.6 | µg/mL | +/- 86.8938 |
| 33 | cis-1,3-Dichloropropene | 10061-01-5 | RD230406RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 34 | Toluene | 108-88-3 | MKCS9989 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 35 | Ethyl methacrylate | 97-63-2 | MKCN6206 | 97% | 2,508.3 | µg/mL | +/- 86.6752 |
| 36 | trans-1,3-Dichloropropene | 10061-02-6 | RD220816 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 37 | 1,1,2-Trichloroethane | 79-00-5 | FGB01 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 38 | 1,3-Dichloropropane | 142-28-9 | BCCH5357 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 39 | Tetrachloroethene | 127-18-4 | SHBQ0051 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 40 | dibromochloromethane | 124-48-1 | MKCQ4517 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 41 | 1,2-Dibromoethane (EDB) | 106-93-4 | BCCH7113 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 42 | Chlorobenzene | 108-90-7 | SHBN6640 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 43 | m-Xylene | 108-38-3 | SHBN6673 | 99% | 1,254.8 | µg/mL | +/- 43.3584 |
| 44 | p-Xylene | 106-42-3 | SHBP5191 | 99% | 1,257.0 | µg/mL | +/- 43.4361 |
| 45 | Ethylbenzene | 100-41-4 | 094632L21G | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 46 | 1,1,1,2-Tetrachloroethane | 630-20-6 | GC01 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 47 | o-Xylene | 95-47-6 | 50069309 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 48 | Styrene | 100-42-5 | MKCQ3390 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 49 | Isopropylbenzene (cumene) | 98-82-8 | Z20D022 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 50 | bromoform | 75-25-2 | 050494L04R | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 51 | bromodichloromethane | 75-27-4 | MKCF8470 | 99% | 2,512.5 | µg/mL | +/- 86.8204 |
| 52 | 1,1,2,2-Tetrachloroethane | 79-34-5 | QQJ41 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |

03/13/2025

Page 133 of 958

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 53 | 1,2,3-Trichloropropane | 96-18-4 | Q91-34 | 98% | 2,513.5 | µg/mL | +/- | 86.8534 |
| 54 | trans-1,4-dichloro-2-butene | 110-57-6 | RD230720RSR | 94% | 2,504.7 | µg/mL | +/- | 86.5525 |
| 55 | n-Propylbenzene | 103-65-1 | G08M | 98% | 2,511.4 | µg/mL | +/- | 86.7814 |
| 56 | Bromobenzene | 108-86-1 | MKCQ7174 | 99% | 2,514.8 | µg/mL | +/- | 86.8981 |
| 57 | 1,3,5-Trimethylbenzene | 108-67-8 | BCCF4166 | 99% | 2,513.8 | µg/mL | +/- | 86.8636 |
| 58 | 2-Chlorotoluene | 95-49-8 | 235783M23T | 99% | 2,514.8 | µg/mL | +/- | 86.8981 |
| 59 | 4-Chlorotoluene | 106-43-4 | BCCG9286 | 99% | 2,514.9 | µg/mL | +/- | 86.9025 |
| 60 | tert-Butylbenzene | 98-06-6 | STBJ1937 | 99% | 2,514.0 | µg/mL | +/- | 86.8722 |
| 61 | 1,2,4-Trimethylbenzene | 95-63-6 | MKCS3775 | 99% | 2,515.9 | µg/mL | +/- | 86.9370 |
| 62 | sec-Butylbenzene | 135-98-8 | MKCP2266 | 99% | 2,515.3 | µg/mL | +/- | 86.9154 |
| 63 | p-Isopropyltoluene (p-Cymene) | 99-87-6 | MKCR6143 | 99% | 2,514.9 | µg/mL | +/- | 86.9025 |
| 64 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 2,515.3 | µg/mL | +/- | 86.9154 |
| 65 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 2,514.9 | µg/mL | +/- | 86.9025 |
| 66 | n-Butylbenzene | 104-51-8 | 09418JJ | 99% | 2,514.5 | µg/mL | +/- | 86.8895 |
| 67 | 1,2-Dichlorobenzene | 95-50-1 | SHBN3835 | 99% | 2,514.3 | µg/mL | +/- | 86.8809 |
| 68 | 1,2-Dibromo-3-chloropropane | 96-12-8 | HBMVB | 97% | 2,510.4 | µg/mL | +/- | 86.7464 |
| 69 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 2,514.9 | µg/mL | +/- | 86.9025 |
| 70 | Hexachlorobutadiene | 87-68-3 | RP230823RSR | 98% | 2,510.0 | µg/mL | +/- | 86.7349 |
| 71 | Naphthalene | 91-20-3 | STBL1057 | 99% | 2,514.3 | µg/mL | +/- | 86.8809 |
| 72 | 1,2,3-Trichlorobenzene | 87-61-6 | MKBX7627V | 99% | 2,514.1 | µg/mL | +/- | 86.8765 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

03/13/2025

Page 134 of 958

# Reagent

# OP_MEGA_2017_00016

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

## Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571995.SEC **Lot No.:** A02010619

**Description :** 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** November 30, 2025 **Storage:** 0°C or colder

**Handling:** Carcinogen/reproductive toxin. Photosensitive. Sonicate.

**C E R T I F I E D V A L U E S**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 1,4-Dioxane<br>**CAS #** 123-91-1.SEC (Lot MUFZH)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | N-Nitrosodimethylamine<br>**CAS #** 62-75-9.SEC (Lot 61H72)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | Pyridine<br>**CAS #** 110-86-1.SEC (Lot QN8DK)<br>**Purity** 99% | 2,000.0 µg/mL | +/- 11.6282 µg/mL<br>+/- 23.9081 µg/mL<br>+/- 38.0494 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 4 | Phenol<br>**CAS #** 108-95-2.SEC (Lot EDPYN)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 5 | Aniline<br>**CAS #** 62-53-3.SEC (Lot ZCD3N)<br>**Purity** 99% | 1,000.4 µg/mL | +/- 5.8299 µg/mL<br>+/- 11.9654 µg/mL<br>+/- 19.0364 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 6 | Bis(2-chloroethyl)ether<br>**CAS #** 111-44-4.SEC (Lot FA010143)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 7 | n-Decane (C10)<br>**CAS #** 124-18-5.SEC (Lot UCVNN)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8 | 2-Chlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-57-8.SEC | (Lot GJ01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 9 | 1,3-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 541-73-1.SEC | (Lot FMDFD) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 10 | 1,4-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 106-46-7.SEC | (Lot 4Y5DC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 11 | Benzyl alcohol | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 100-51-6.SEC | (Lot QZBUO) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 12 | 1,2-Dichlorobenzene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 95-50-1.SEC | (Lot R6QDM) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 13 | 2-Methylphenol (o-cresol) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-48-7.SEC | (Lot NC7HL) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 14 | 2,2'-oxybis(1-chloropropane) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 108-60-1.SEC | (Lot 2-KMW-57-8) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 15 | Acetophenone | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 98-86-2.SEC | (Lot NSGTI) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 16 | 3-Methylphenol (m-cresol) | | 500.0 | µg/mL | +/- | 2.9138 | µg/mL | Gravimetric |
| | **CAS #** 108-39-4.SEC | (Lot 6LHTM) | | | +/- | 5.9803 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5144 | µg/mL | Stressed |
| 17 | 4-Methylphenol (p-cresol) | | 501.0 | µg/mL | +/- | 2.9196 | µg/mL | Gravimetric |
| | **CAS #** 106-44-5.SEC | (Lot 65S2E) | | | +/- | 5.9923 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5334 | µg/mL | Stressed |
| 18 | N-Nitroso-di-n-propylamine | | 1,001.4 | µg/mL | +/- | 5.8357 | µg/mL | Gravimetric |
| | **CAS #** 621-64-7.SEC | (Lot 4423200) | | | +/- | 11.9773 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0555 | µg/mL | Stressed |
| 19 | Hexachloroethane | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 67-72-1.SEC | (Lot 10173016) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 20 | Nitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 98-95-3.SEC | (Lot FLYIG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 21 | Isophorone | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 78-59-1.SEC | (Lot XHGJI) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 22 | 2-Nitrophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-75-5.SEC | (Lot GXJ7J) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 23 | 2,4-Dimethylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 105-67-9.SEC | (Lot MKBL3650V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24 | Bis(2-chloroethoxy)methane | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 111-91-1 * | (Lot 5670100) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 25 | 2,4-Dichlorophenol | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 120-83-2.SEC | (Lot FHM01) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 26 | 1,2,4-Trichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-82-1.SEC | (Lot OGO01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 27 | Naphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-20-3.SEC | (Lot SKZ5N) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 28 | 2,6-Dichlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 87-65-0.SEC | (Lot SIDBB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 29 | 4-Chloroaniline | | 1,000.2 | µg/mL | +/- | 5.8287 | µg/mL | Gravimetric |
| | **CAS #** 106-47-8.SEC | (Lot 10171860) | | | +/- | 11.9630 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0326 | µg/mL | Stressed |
| 30 | Hexachlorobutadiene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 87-68-3.SEC | (Lot 1068200) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 31 | 4-Chloro-3-methylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 59-50-7.SEC | (Lot FDO02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 32 | 2-Methylnaphthalene | | 1,000.8 | µg/mL | +/- | 5.8320 | µg/mL | Gravimetric |
| | **CAS #** 91-57-6.SEC | (Lot 76023-1) | | | +/- | 11.9699 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0436 | µg/mL | Stressed |
| 33 | 1-Methylnaphthalene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 90-12-0.SEC | (Lot UATSA) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 34 | 1,2,4,5-Tetrachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-94-3.SEC | (Lot AF02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 35 | Hexachlorocyclopentadiene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 77-47-4.SEC | (Lot 5608400) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 36 | 2,4,6-Trichlorophenol | | 1,000.6 | µg/mL | +/- | 5.8309 | µg/mL | Gravimetric |
| | **CAS #** 88-06-2.SEC | (Lot UUMYM) | | | +/- | 11.9675 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0399 | µg/mL | Stressed |
| 37 | 2,4,5-Trichlorophenol | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 95-95-4.SEC | (Lot MKBQ9937V) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 38 | 2-Chloronaphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-58-7.SEC | (Lot LC07783V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 39 | Biphenyl | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 92-52-4.SEC | (Lot 33OQE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40 | 2-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-74-4.SEC | (Lot T6E7B) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 41 | Acenaphthylene | | 999.9 | µg/mL | +/- | 5.8271 | µg/mL | Gravimetric |
| | **CAS #** 208-96-8.SEC | (Lot 0012014) | | | +/- | 11.9598 | µg/mL | Unstressed |
| | **Purity** 96% | | | | +/- | 19.0276 | µg/mL | Stressed |
| 42 | 1,3-Dinitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-65-0.SEC | (Lot 3XXLB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 43 | Dimethylphthalate | | 1,002.0 | µg/mL | +/- | 5.8392 | µg/mL | Gravimetric |
| | **CAS #** 131-11-3.SEC | (Lot 483WC) | | | +/- | 11.9845 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0669 | µg/mL | Stressed |
| 44 | 2,6-Dinitrotoluene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 606-20-2.SEC | (Lot GE01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 45 | 3-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-09-2.SEC | (Lot FGN03) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 46 | Acenaphthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 83-32-9.SEC | (Lot BWZJE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 47 | 2,4-Dinitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 51-28-5.SEC | (Lot YTR6B) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 48 | Dibenzofuran | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 132-64-9.SEC | (Lot 27ZGC) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 49 | 4-Nitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 100-02-7.SEC | (Lot 2J5LB) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 50 | 2,4-Dinitrotoluene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 121-14-2.SEC | (Lot SHRSA) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 51 | 2,3,4,6-Tetrachlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 58-90-2.SEC | (Lot LC19623V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 52 | Fluorene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 86-73-7.SEC | (Lot 5027400) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 53 | n-Hexadecane (C16) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 544-76-3.SEC | (Lot A0328141) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 54 | Diethylphthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 84-66-2.SEC | (Lot UMBJC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 55 | 4-Chlorophenyl phenyl ether | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 7005-72-3.SEC | (Lot P31G) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 56 | 4-Nitroaniline | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 100-01-6.SEC | (Lot 5ITRC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 57 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 534-52-1.SEC | (Lot 6333400) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 58 | Diphenylamine | | 850.0 | µg/mL | +/- | 4.9534 | µg/mL | Gravimetric |
| | **CAS #** 122-39-4.SEC | (Lot 10164691) | | | +/- | 10.1665 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 16.1745 | µg/mL | Stressed |
| 59 | Azobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 103-33-3.SEC | (Lot JUWAG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 60 | 4-Bromophenyl phenyl ether | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 101-55-3.SEC | (Lot 84C6D) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 61 | Hexachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 118-74-1.SEC | (Lot G120431) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 62 | Pentachlorophenol | | 2,000.4 | µg/mL | +/- | 11.6305 | µg/mL | Gravimetric |
| | **CAS #** 87-86-5.SEC | (Lot 5784900) | | | +/- | 23.9129 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0570 | µg/mL | Stressed |
| 63 | n-Octadecane (C18) | | 1,001.0 | µg/mL | +/- | 5.8333 | µg/mL | Gravimetric |
| | **CAS #** 593-45-3.SEC | (Lot G14U045) | | | +/- | 11.9726 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0478 | µg/mL | Stressed |
| 64 | Phenanthrene | | 1,002.0 | µg/mL | +/- | 5.8389 | µg/mL | Gravimetric |
| | **CAS #** 85-01-8.SEC | (Lot 4708400) | | | +/- | 11.9839 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0660 | µg/mL | Stressed |
| 65 | Anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-12-7.SEC | (Lot WDFNJ) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 66 | Carbazole | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 86-74-8.SEC | (Lot LMIZB) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 67 | Di-n-butylphthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 84-74-2.SEC | (Lot 42FSG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 68 | Fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 206-44-0.SEC | (Lot FREGF) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 69 | Pyrene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 129-00-0.SEC | (Lot ROVJC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 70 | Benzyl butyl phthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 85-68-7.SEC | (Lot GX3GL) | | | +/- | 11.9605 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0287 | µg/mL | Stressed |
| 71 | Benz(a)anthracene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 56-55-3.SEC | (Lot MTENF) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72 | chrysene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 218-01-9.SEC | (Lot NICZC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 73 | Bis(2-ethylhexyl)phthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 117-81-7.SEC | (Lot MT8AG) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 74 | Di-n-octyl phthalate | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 117-84-0.SEC | (Lot O8DLD) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 75 | Benzo(b)fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 205-99-2.SEC | (Lot 022011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 76 | Benzo(k)fluoranthene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 207-08-9.SEC | (Lot ER041513-01) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 77 | Benzo(a)pyrene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 50-32-8.SEC | (Lot M8DFD) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 78 | Indeno(1,2,3-cd)pyrene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 193-39-5.SEC | (Lot 0012014) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 79 | Dibenz(a,h)anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 53-70-3.SEC | (Lot 0012011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 80 | Benzo(g,h,i)perylene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 191-24-2.SEC | (Lot 0022012) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

**Specific Reference Material Notes:**

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

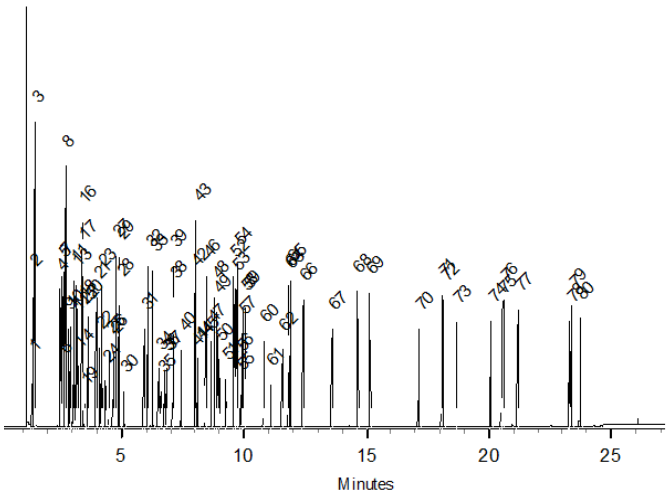
**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

**Date Mixed:** 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 13-Oct-2017

**Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# OP_std #1_BNA_00015

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569730.SEC **Lot No.:** A020147867

**Description :** 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** September 30, 2025 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin.

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Benzidine | 2,013.5 µg/mL | +/- 11.8163 | µg/mL | Gravimetric |
| | **CAS #** 92-87-5.SEC (Lot 8616600) | | +/- 24.1230 | µg/mL | Unstressed |
| | **Purity** 99% | | +/- 38.3399 | µg/mL | Stressed |
| 2 | 3,3'-Dichlorobenzidine | 2,000.0 µg/mL | +/- 11.7371 | µg/mL | Gravimetric |
| | **CAS #** 91-94-1.SEC (Lot 8490800) | | +/- 23.9613 | µg/mL | Unstressed |
| | **Purity** 99% | | +/- 38.0829 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

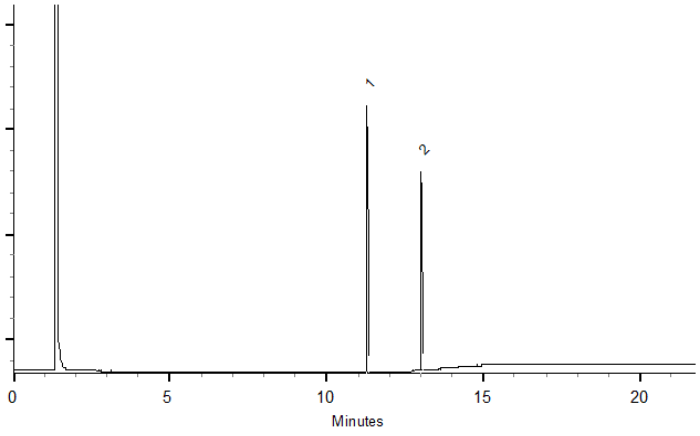
**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

**Date Mixed:** 26-Mar-2020 **Balance:** 1122030677

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 30-Mar-2020

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# POLAR ADD_00030

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2547

MS 9/14/24 #12023865

03/13/2025

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571993 **Lot No.:** A0210249

**Description :** 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetonitrile | 75-05-8 | SHBR1054 | 99% | 25,019.2 µg/mL | +/- 409.1119 |
| 2 | Diisopropyl ether ( DIPE ) | 108-20-3 | STBK8028 | 99% | 2,512.4 µg/mL | +/- 41.0946 |
| 3 | Ethyl-tert-butyl ether (ETBE) | 637-92-3 | MKCT4522 | 98% | 2,519.0 µg/mL | +/- 41.2024 |
| 4 | Propionitrile | 107-12-0 | BCCH7430 | 99% | 25,234.4 µg/mL | +/- 412.6308 |
| 5 | tert-Amyl alcohol | 75-85-4 | STBK3485 | 99% | 25,096.4 µg/mL | +/- 410.3743 |
| 6 | tert-Amyl methyl ether (TAME) | 994-05-8 | HMBJ0825 | 99% | 2,517.2 µg/mL | +/- 41.1731 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 1 of 958

# Reagent

# SM_8270cusmix_00005

Agilent
Trusted Answers

**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

**Product Name:** 8270 Custom Mix - 10 at 2000ug/mL (5mL)
**Lot Number:** 0006767192
**Product Number:** CUS-00003500
**Lot Issue Date:** 24-Oct-2023
**Storage Conditions:** Store Refrigerated (2° to 8°C).
**Expiration Date:** 30-Nov-2025

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| 1,3-dimethylnaphthalene | 2007 | ± | 10 µg/mL | 000575-41-7 | NT00962 |
| BHT (2,6-di-tert-butyl-4-methylphenol) | 2009 | ± | 10 µg/mL | 000128-37-0 | NT02073 |
| 2-tert-butyl-p-cresol | 2009 | ± | 10 µg/mL | 002409-55-4 | RM15026-01 |
| benzonitrile | 2009 | ± | 10 µg/mL | 000100-47-0 | RM15318 |
| carbamazepin | 2010 | ± | 10 µg/mL | 000298-46-4 | RM05185 |
| coumarin | 2010 | ± | 10 µg/mL | 000091-64-5 | RM01892 |
| N-methylaniline | 2009 | ± | 10 µg/mL | 000100-61-8 | RM15275 |
| pentachloronitrobenzene | 2009 | ± | 10 µg/mL | 000082-68-8 | RM12207 |
| diphenyl ether | 2009 | ± | 10 µg/mL | 000101-84-8 | RM15316 |
| N,N-dimethylaniline | 2009 | ± | 10 µg/mL | 000121-69-7 | RM15319 |

**Matrix:** methanol (methyl alcohol)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**



Monica Bourgeois
QMS Representative

# Reagent

# SM_BPA_00020

Agilent
Trusted Answers

**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

**Product Name:** Bisphenol A Std - 1000ug/mL (5mL)
**Product Number:** CUS-00003804
**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Lot Number:** 0006767004
**Lot Issue Date:** 23-Oct-2023
**Expiration Date:** 30-Nov-2025

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| bisphenol A | 1004 | ± | 5 µg/mL | 000080-05-7 | RM14528-01 |

**Matrix:** methylene chloride (dichloromethane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**



Monica Bourgeois
QMS Representative

# Reagent

# SM_ISTD_00197

Agilent
Trusted Answers

ISO 17034

# Reference Material Certificate

## Product Information Sheet

**Product Name:** 8270 Internal Std - 6 at 2000ug/mL (5mL)
**Lot Number:** 0006760251
**Product Number:** CUS-00004805
**Lot Issue Date:** 13-Sep-2023
**Storage Conditions:** Store at Room Temperature (15° to 30°C).
**Expiration Date:** 31-Oct-2026

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| acenaphthene-d10 | 2010 | ± | 10 µg/mL | 015067-26-2 | RM18947 |
| chrysene-d12 | 2008 | ± | 10 µg/mL | 001719-03-5 | RM18746 |
| 1,4-dichlorobenzene-d4 | 2005 | ± | 10 µg/mL | 003855-82-1 | RM19347 |
| naphthalene-d8 | 2009 | ± | 10 µg/mL | 001146-65-2 | RM19349 |
| perylene-d12 | 2008 | ± | 10 µg/mL | 001520-96-3 | RM19985 |
| phenanthrene-d10 | 2005 | ± | 10 µg/mL | 001517-22-2 | RM19350 |

**Matrix:** methylene chloride (dichloromethane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

# Reagent

# SM_STD1meg2nd_00007

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

## Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571995.SEC **Lot No.:** A02010619

**Description :** 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** November 30, 2025 **Storage:** 0°C or colder

**Handling:** Carcinogen/reproductive toxin. Photosensitive. Sonicate.

**C E R T I F I E D V A L U E S**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 1,4-Dioxane<br>**CAS #** 123-91-1.SEC (Lot MUFZH)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | N-Nitrosodimethylamine<br>**CAS #** 62-75-9.SEC (Lot 61H72)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | Pyridine<br>**CAS #** 110-86-1.SEC (Lot QN8DK)<br>**Purity** 99% | 2,000.0 µg/mL | +/- 11.6282 µg/mL<br>+/- 23.9081 µg/mL<br>+/- 38.0494 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 4 | Phenol<br>**CAS #** 108-95-2.SEC (Lot EDPYN)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 5 | Aniline<br>**CAS #** 62-53-3.SEC (Lot ZCD3N)<br>**Purity** 99% | 1,000.4 µg/mL | +/- 5.8299 µg/mL<br>+/- 11.9654 µg/mL<br>+/- 19.0364 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 6 | Bis(2-chloroethyl)ether<br>**CAS #** 111-44-4.SEC (Lot FA010143)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 7 | n-Decane (C10)<br>**CAS #** 124-18-5.SEC (Lot UCVNN)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8 | 2-Chlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-57-8.SEC | (Lot GJ01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 9 | 1,3-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 541-73-1.SEC | (Lot FMDFD) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 10 | 1,4-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 106-46-7.SEC | (Lot 4Y5DC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 11 | Benzyl alcohol | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 100-51-6.SEC | (Lot QZBUO) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 12 | 1,2-Dichlorobenzene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 95-50-1.SEC | (Lot R6QDM) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 13 | 2-Methylphenol (o-cresol) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-48-7.SEC | (Lot NC7HL) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 14 | 2,2'-oxybis(1-chloropropane) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 108-60-1.SEC | (Lot 2-KMW-57-8) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 15 | Acetophenone | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 98-86-2.SEC | (Lot NSGTI) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 16 | 3-Methylphenol (m-cresol) | | 500.0 | µg/mL | +/- | 2.9138 | µg/mL | Gravimetric |
| | **CAS #** 108-39-4.SEC | (Lot 6LHTM) | | | +/- | 5.9803 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5144 | µg/mL | Stressed |
| 17 | 4-Methylphenol (p-cresol) | | 501.0 | µg/mL | +/- | 2.9196 | µg/mL | Gravimetric |
| | **CAS #** 106-44-5.SEC | (Lot 65S2E) | | | +/- | 5.9923 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5334 | µg/mL | Stressed |
| 18 | N-Nitroso-di-n-propylamine | | 1,001.4 | µg/mL | +/- | 5.8357 | µg/mL | Gravimetric |
| | **CAS #** 621-64-7.SEC | (Lot 4423200) | | | +/- | 11.9773 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0555 | µg/mL | Stressed |
| 19 | Hexachloroethane | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 67-72-1.SEC | (Lot 10173016) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 20 | Nitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 98-95-3.SEC | (Lot FLYIG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 21 | Isophorone | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 78-59-1.SEC | (Lot XHGJI) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 22 | 2-Nitrophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-75-5.SEC | (Lot GXJ7J) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 23 | 2,4-Dimethylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 105-67-9.SEC | (Lot MKBL3650V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24 | Bis(2-chloroethoxy)methane | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 111-91-1 * | (Lot 5670100) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 25 | 2,4-Dichlorophenol | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 120-83-2.SEC | (Lot FHM01) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 26 | 1,2,4-Trichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-82-1.SEC | (Lot OGO01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 27 | Naphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-20-3.SEC | (Lot SKZ5N) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 28 | 2,6-Dichlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 87-65-0.SEC | (Lot SIDBB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 29 | 4-Chloroaniline | | 1,000.2 | µg/mL | +/- | 5.8287 | µg/mL | Gravimetric |
| | **CAS #** 106-47-8.SEC | (Lot 10171860) | | | +/- | 11.9630 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0326 | µg/mL | Stressed |
| 30 | Hexachlorobutadiene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 87-68-3.SEC | (Lot 1068200) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 31 | 4-Chloro-3-methylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 59-50-7.SEC | (Lot FDO02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 32 | 2-Methylnaphthalene | | 1,000.8 | µg/mL | +/- | 5.8320 | µg/mL | Gravimetric |
| | **CAS #** 91-57-6.SEC | (Lot 76023-1) | | | +/- | 11.9699 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0436 | µg/mL | Stressed |
| 33 | 1-Methylnaphthalene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 90-12-0.SEC | (Lot UATSA) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 34 | 1,2,4,5-Tetrachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-94-3.SEC | (Lot AF02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 35 | Hexachlorocyclopentadiene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 77-47-4.SEC | (Lot 5608400) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 36 | 2,4,6-Trichlorophenol | | 1,000.6 | µg/mL | +/- | 5.8309 | µg/mL | Gravimetric |
| | **CAS #** 88-06-2.SEC | (Lot UUMYM) | | | +/- | 11.9675 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0399 | µg/mL | Stressed |
| 37 | 2,4,5-Trichlorophenol | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 95-95-4.SEC | (Lot MKBQ9937V) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 38 | 2-Chloronaphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-58-7.SEC | (Lot LC07783V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 39 | Biphenyl | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 92-52-4.SEC | (Lot 33OQE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40 | 2-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-74-4.SEC | (Lot T6E7B) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 41 | Acenaphthylene | | 999.9 | µg/mL | +/- | 5.8271 | µg/mL | Gravimetric |
| | **CAS #** 208-96-8.SEC | (Lot 0012014) | | | +/- | 11.9598 | µg/mL | Unstressed |
| | **Purity** 96% | | | | +/- | 19.0276 | µg/mL | Stressed |
| 42 | 1,3-Dinitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-65-0.SEC | (Lot 3XXLB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 43 | Dimethylphthalate | | 1,002.0 | µg/mL | +/- | 5.8392 | µg/mL | Gravimetric |
| | **CAS #** 131-11-3.SEC | (Lot 483WC) | | | +/- | 11.9845 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0669 | µg/mL | Stressed |
| 44 | 2,6-Dinitrotoluene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 606-20-2.SEC | (Lot GE01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 45 | 3-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-09-2.SEC | (Lot FGN03) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 46 | Acenaphthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 83-32-9.SEC | (Lot BWZJE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 47 | 2,4-Dinitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 51-28-5.SEC | (Lot YTR6B) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 48 | Dibenzofuran | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 132-64-9.SEC | (Lot 27ZGC) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 49 | 4-Nitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 100-02-7.SEC | (Lot 2J5LB) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 50 | 2,4-Dinitrotoluene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 121-14-2.SEC | (Lot SHRSA) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 51 | 2,3,4,6-Tetrachlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 58-90-2.SEC | (Lot LC19623V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 52 | Fluorene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 86-73-7.SEC | (Lot 5027400) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 53 | n-Hexadecane (C16) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 544-76-3.SEC | (Lot A0328141) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 54 | Diethylphthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 84-66-2.SEC | (Lot UMBJC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 55 | 4-Chlorophenyl phenyl ether | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 7005-72-3.SEC | (Lot P31G) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 56 | 4-Nitroaniline | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 100-01-6.SEC | (Lot 5ITRC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 57 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 534-52-1.SEC | (Lot 6333400) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 58 | Diphenylamine | | 850.0 | µg/mL | +/- | 4.9534 | µg/mL | Gravimetric |
| | **CAS #** 122-39-4.SEC | (Lot 10164691) | | | +/- | 10.1665 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 16.1745 | µg/mL | Stressed |
| 59 | Azobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 103-33-3.SEC | (Lot JUWAG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 60 | 4-Bromophenyl phenyl ether | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 101-55-3.SEC | (Lot 84C6D) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 61 | Hexachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 118-74-1.SEC | (Lot G120431) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 62 | Pentachlorophenol | | 2,000.4 | µg/mL | +/- | 11.6305 | µg/mL | Gravimetric |
| | **CAS #** 87-86-5.SEC | (Lot 5784900) | | | +/- | 23.9129 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0570 | µg/mL | Stressed |
| 63 | n-Octadecane (C18) | | 1,001.0 | µg/mL | +/- | 5.8333 | µg/mL | Gravimetric |
| | **CAS #** 593-45-3.SEC | (Lot G14U045) | | | +/- | 11.9726 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0478 | µg/mL | Stressed |
| 64 | Phenanthrene | | 1,002.0 | µg/mL | +/- | 5.8389 | µg/mL | Gravimetric |
| | **CAS #** 85-01-8.SEC | (Lot 4708400) | | | +/- | 11.9839 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0660 | µg/mL | Stressed |
| 65 | Anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-12-7.SEC | (Lot WDFNJ) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 66 | Carbazole | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 86-74-8.SEC | (Lot LMIZB) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 67 | Di-n-butylphthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 84-74-2.SEC | (Lot 42FSG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 68 | Fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 206-44-0.SEC | (Lot FREGF) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 69 | Pyrene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 129-00-0.SEC | (Lot ROVJC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 70 | Benzyl butyl phthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 85-68-7.SEC | (Lot GX3GL) | | | +/- | 11.9605 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0287 | µg/mL | Stressed |
| 71 | Benz(a)anthracene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 56-55-3.SEC | (Lot MTENF) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72 | chrysene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 218-01-9.SEC | (Lot NICZC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 73 | Bis(2-ethylhexyl)phthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 117-81-7.SEC | (Lot MT8AG) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 74 | Di-n-octyl phthalate | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 117-84-0.SEC | (Lot O8DLD) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 75 | Benzo(b)fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 205-99-2.SEC | (Lot 022011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 76 | Benzo(k)fluoranthene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 207-08-9.SEC | (Lot ER041513-01) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 77 | Benzo(a)pyrene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 50-32-8.SEC | (Lot M8DFD) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 78 | Indeno(1,2,3-cd)pyrene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 193-39-5.SEC | (Lot 0012014) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 79 | Dibenz(a,h)anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 53-70-3.SEC | (Lot 0012011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 80 | Benzo(g,h,i)perylene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 191-24-2.SEC | (Lot 0022012) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

**Specific Reference Material Notes:**

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

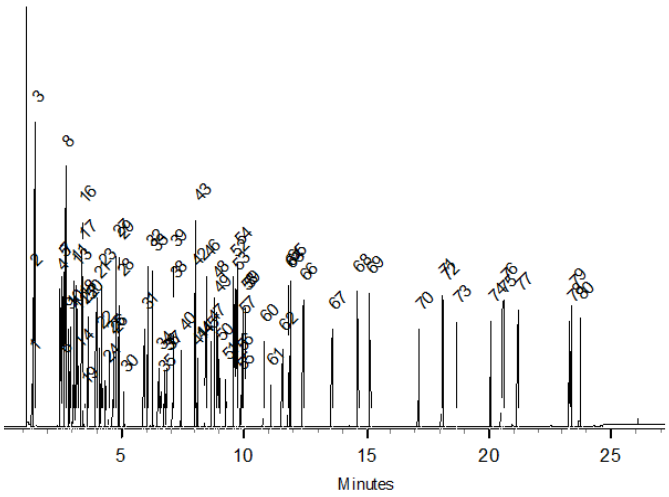
**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

**Date Mixed:** 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 13-Oct-2017

**Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# SMDFTP_CH_00037

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31615 **Lot No.:** A0200028

**Description :** GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pentachlorophenol | 87-86-5 | RP230504 | 99% | 1,001.0 µg/mL | +/- 44.7338 |
| 2 | DFTPP (Decafluorotriphenylphosphine) | 5074-71-5 | Q117-147 | 95% | 1,000.7 µg/mL | +/- 44.7189 |
| 3 | Benzidine | 92-87-5 | S221205RSR | 99% | 1,001.0 µg/mL | +/- 44.7338 |
| 4 | 4,4'-DDT | 50-29-3 | 230410JLMA | 98% | 1,000.9 µg/mL | +/- 44.7296 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

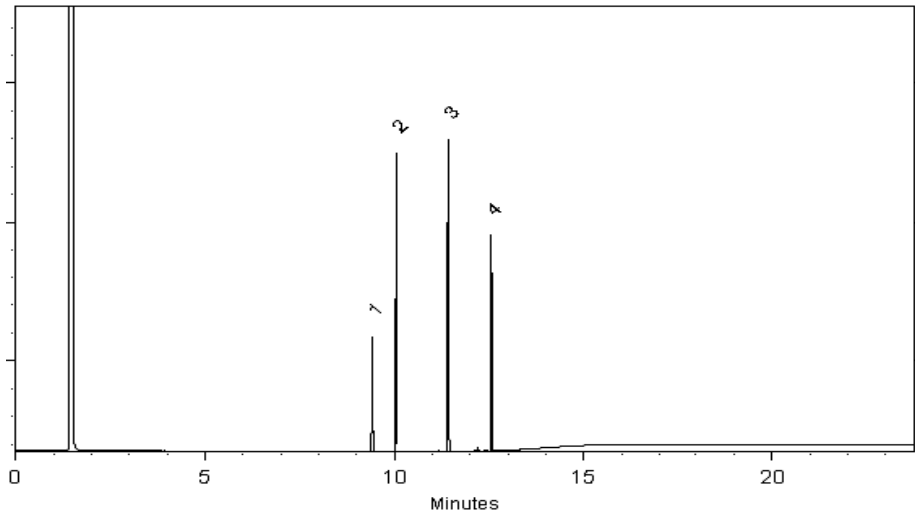
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
10 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey - Operations Technician I

**Date Mixed:** 18-Jul-2023 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 24-Jul-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# TBA AB_00007

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

| | |
|---|---|
| **Part Number:** | **90766** |
| Lot Number: | 111120 |
| Description: | tert-Butyl alcohol (t-Butanol) (2-Methyl-2-propanol) |
| Expiration Date: | 111125 |
| Recommended Storage: | Refrigerate (4 °C) |
| Nominal Concentration (µg/mL): | 20000 |
| NIST Test ID#: | 23060 |

**Solvent(s):** **Lot#**
Methanol DY186-US

R 2420

MS 7120123 #10991629

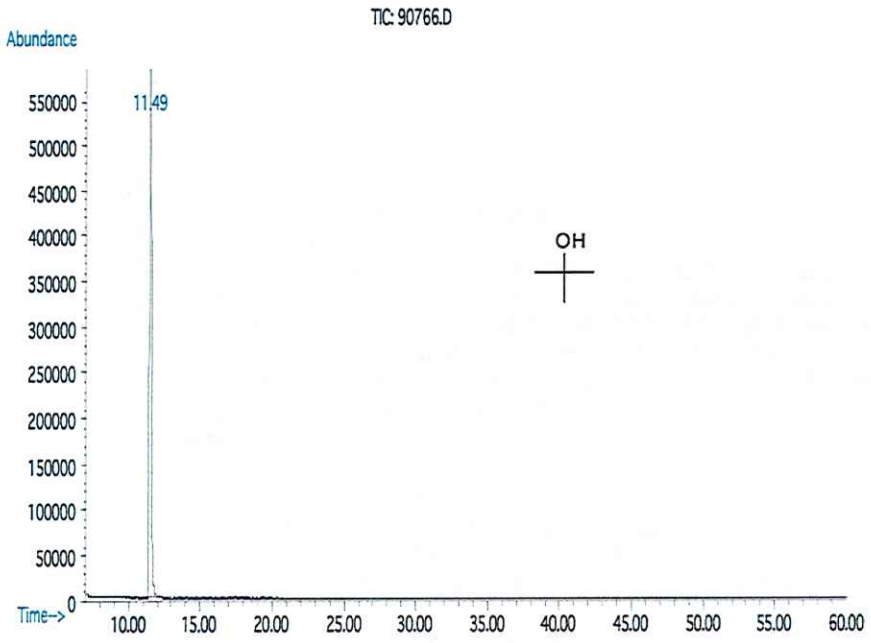
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

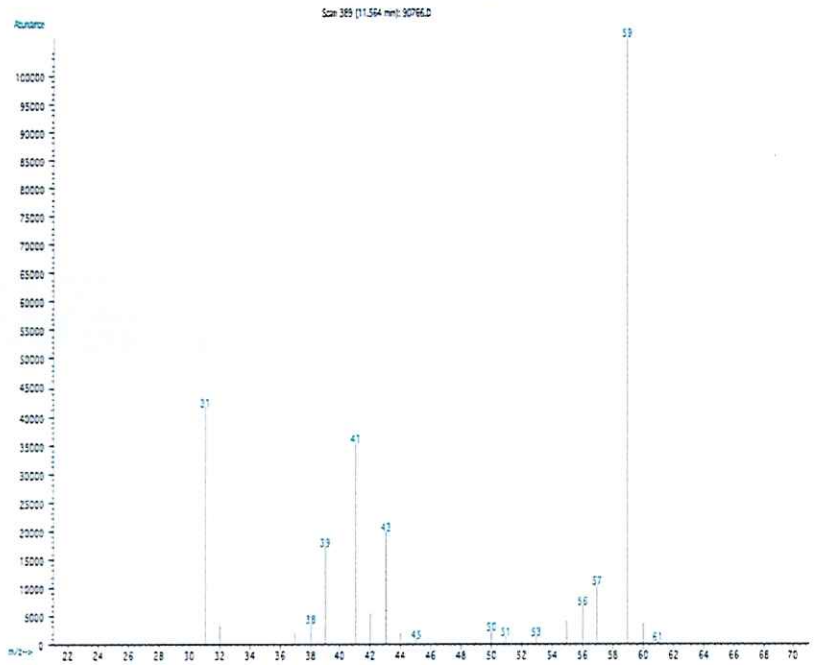
Weight(s) shown below were combined and diluted to (mL): 200.0

| | | |
|---|---|---|
| Eli Aliaga | 111120 |
| Formulated By: Eli Aliaga | DATE |
| Pedro Rentas | 111120 |
| Reviewed By: Pedro L. Rentas | DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight (g) | Actual Weight (g) | Actual Conc(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. tert-Butyl alcohol (t-Butanol) | 988 | 21796PMV | 20000 | 99 | 0.2 | 4.04024 | 4.04070 | 20002.3 | 81.6 | 75-65-0 | 100 ppm (300mg/m3/8H) | orl-rat 3500mg/kg |

**Method:** GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1=10min.), Temp. 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren.




- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# Vinyl Acetate_00101

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2543

MS 9/10/24

#12010010

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

03/13/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569724 **Lot No.:** A0209567

**Description :** 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Vinyl acetate | 108-05-4 | RP231030CTH | 98% | 5,034.8 µg/mL | +/- 173.9777 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

# Vinyl Acetate_00102

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2558

MS 10/15/24 #12100078

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
03/13/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569724 **Lot No.:** A0209567

**Description :** 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Vinyl acetate | 108-05-4 | RP231030CTH | 98% | 5,034.8 µg/mL | +/- 173.9777 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

# Reagent

# VMC21SU_00011

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

03/13/2026

## CERTIFIED WEIGHT REPORT

**Part Number:** 19167
**Lot Number:** 030822
**Description:** CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
**Expiration Date:** 030827
**Recommended Storage:** Refrigerate (4 °C)
**Nominal Concentration (µg/mL):** 2500
**NIST Test ID#:** 6UTB

**Solvent(s):** Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

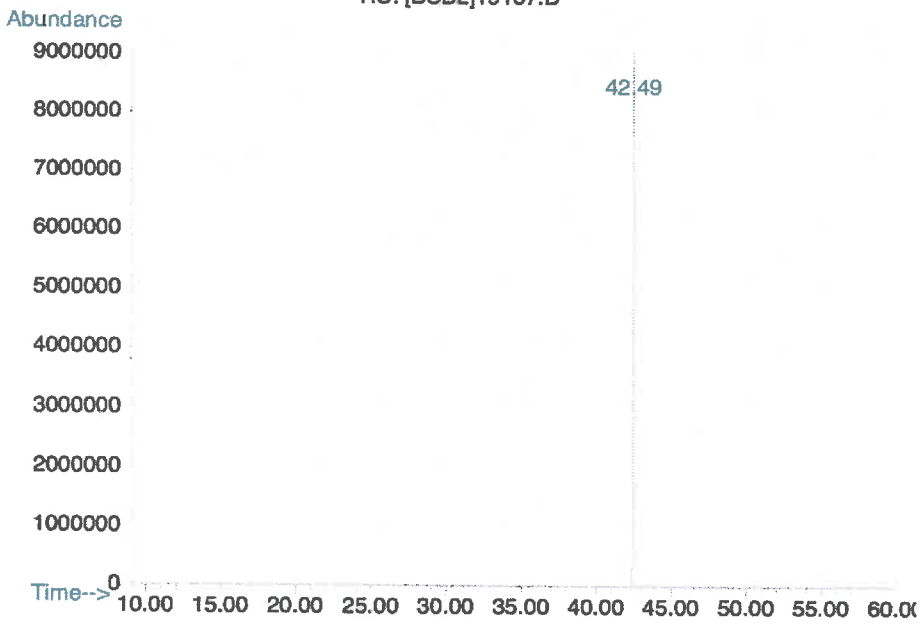
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

| | |
|---|---|
| Formulated By: Benson Chan | 030822 DATE |
| Reviewed By: Pedro L. Rentas | 030822 DATE |

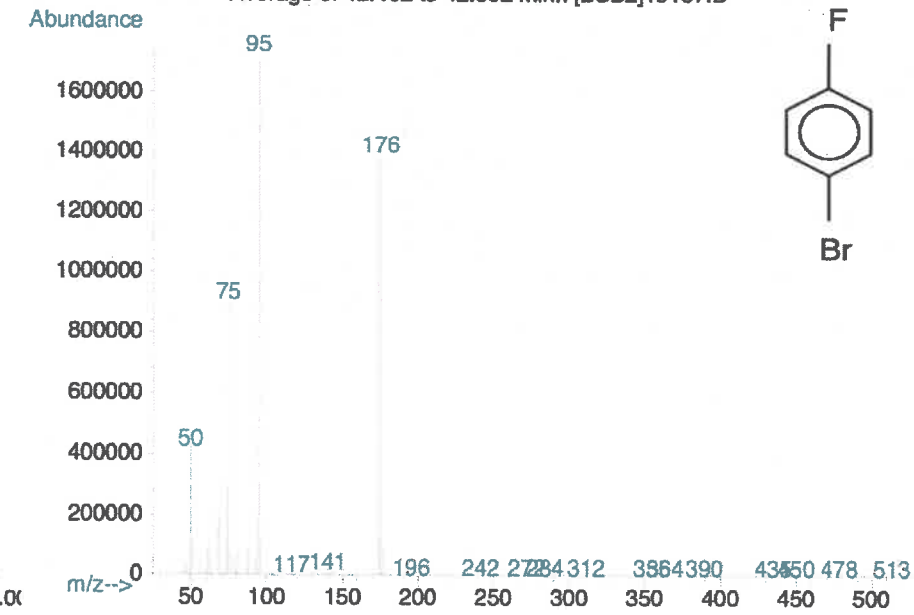
| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. p-Bromofluorobenzene | 48 | 01127COV | 2500 | 99 | 0.2 | 0.25254 | 0.25286 | 2503.2 | 10.2 | 460-00-4 | N/A | orl-rat 2700mg/kg |

**Method GC6MSD-1:** Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D




Average of 42.462 to 42.502 min.: [BSB2]19167.D







- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

# 8260D

## Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Matrix: Water Level: Low

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

| Client Sample ID | Lab Sample ID | DBFM # | DCA # | TOL # | BFB # |
|---|---|---|---|---|---|
| TB-030425 | 460-321765-1 | 97 | 102 | 108 | 95 |
| FB-030425 | 460-321765-2 | 96 | 99 | 108 | 94 |
| HHMW-05S2-R | 460-321765-3 | 98 | 102 | 109 | 92 |
| HHMW-19S1 | 460-321765-4 | 97 | 101 | 110 | 92 |
| MW-03 | 460-321765-5 | 97 | 100 | 108 | 93 |
| HHMW-09S1 | 460-321765-6 | 98 | 101 | 109 | 95 |
| HHMW-14 | 460-321765-7 | 97 | 97 | 110 | 90 |
| DUP-01 | 460-321765-8 | 98 | 103 | 107 | 92 |
| | MB 460-1024987/10 | 95 | 95 | 107 | 93 |
| | LCS 460-1024987/6 | 95 | 104 | 108 | 92 |
| | LCSD 460-1024987/24 | 96 | 100 | 110 | 92 |
| HHMW-09S1 MS | 460-321765-6 MS | 97 | 108 | 109 | 92 |
| HHMW-09S1 MSD | 460-321765-6 MSD | 96 | 102 | 109 | 94 |

| | 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.: 460-321765-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F45175.D

Lab ID: LCS 460-1024987/6 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Benzene | 20.0 | 18.8 | 94 | 71-126 | |
| Ethylbenzene | 20.0 | 21.1 | 106 | 78-120 | |
| Methyl tert-butyl ether | 20.0 | 17.2 | 86 | 72-131 | |
| Toluene | 20.0 | 20.6 | 103 | 78-120 | |
| Xylenes, Total | 40.0 | 40.1 | 100 | 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.: 460-321765-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F45193.D

Lab ID: LCSD 460-1024987/24 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Benzene | 20.0 | 20.9 | 104 | 10 | 30 | 71-126 | |
| Ethylbenzene | 20.0 | 23.6 | 118 | 11 | 30 | 78-120 | |
| Methyl tert-butyl ether | 20.0 | 20.4 | 102 | 17 | 30 | 72-131 | |
| Toluene | 20.0 | 23.0 | 115 | 11 | 30 | 78-120 | |
| Xylenes, Total | 40.0 | 45.8 | 115 | 13 | 30 | 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.: 460-321765-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F45191.D

Lab ID: 460-321765-6 MS Client ID: HHMW-09S1 MS

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | MS CONCENTRATION (ug/L) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| Benzene | 20.0 | 0.45 U | 23.8 | 119 | 71-126 | |
| Ethylbenzene | 20.0 | 0.89 J | 27.2 | 132 | 78-120 | * |
| Methyl tert-butyl ether | 20.0 | 1.0 U | 23.1 | 116 | 72-131 | |
| Toluene | 20.0 | 2.0 | 27.7 | 128 | 78-120 | * |
| Xylenes, Total | 40.0 | 14 | 66.1 | 129 | 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.: 460-321765-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F45192.D

Lab ID: 460-321765-6 MSD Client ID: HHMW-09S1 MSD

| COMPOUND | SPIKE ADDED (ug/L) | MSD CONCENTRATION (ug/L) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Benzene | 20.0 | 18.2 | 91 | 27 | 30 | 71-126 | |
| Ethylbenzene | 20.0 | 20.9 | 100 | 26 | 30 | 78-120 | |
| Methyl tert-butyl ether | 20.0 | 17.5 | 87 | 28 | 30 | 72-131 | |
| Toluene | 20.0 | 21.3 | 96 | 26 | 30 | 78-120 | |
| Xylenes, Total | 40.0 | 50.9 | 91 | 26 | 30 | 80-120 | |

# 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.: 460-321765-1

SDG No.:

Lab File ID: F45179.D  Lab Sample ID: MB 460-1024987/10

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

Instrument ID: CVOAMS6  Date Analyzed: 03/10/2025 09:40

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 460-1024987/6 | F45175.D | 03/10/2025 08:13 |
| HHMW-09S1 MS | 460-321765-6 MS | F45191.D | 03/10/2025 13:36 |
| HHMW-09S1 MSD | 460-321765-6 MSD | F45192.D | 03/10/2025 13:55 |
| | LCSD 460-1024987/24 | F45193.D | 03/10/2025 14:15 |
| FB-030425 | 460-321765-2 | F45197.D | 03/10/2025 15:34 |
| HHMW-09S1 | 460-321765-6 | F45198.D | 03/10/2025 15:54 |
| HHMW-05S2-R | 460-321765-3 | F45199.D | 03/10/2025 16:13 |
| HHMW-19S1 | 460-321765-4 | F45200.D | 03/10/2025 16:33 |
| MW-03 | 460-321765-5 | F45201.D | 03/10/2025 16:52 |
| HHMW-14 | 460-321765-7 | F45202.D | 03/10/2025 17:12 |
| DUP-01 | 460-321765-8 | F45203.D | 03/10/2025 17:32 |
| TB-030425 | 460-321765-1 | F45204.D | 03/10/2025 17:52 |

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

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab File ID: F43683.D  BFB Injection Date: 01/16/2025

Instrument ID: CVOAMS6  BFB Injection Time: 03:31

Analysis Batch No.: 1016764

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 100.0 (128.7) 1 |
| 96 | 5 - 9% of m/z 95 | 6.8 |
| 173 | Less than 2% of m/z 174 | 0.2 (0.2) 1 |
| 174 | 50 - 200% of m/z 95 | 77.7 |
| 175 | 5 - 9% of m/z 174 | 5.5 (7.0) 1 |
| 176 | 95 -105% of m/z 174 | 75.3 (96.8) 1 |
| 177 | 5 - 10% of m/z 176 | 5.0 (6.7) 2 |

1-Value is % mass 174  2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | STD7 460-1016764/3 | F43685.D | 01/16/2025 | 4:11 |
| | STD1 460-1016764/4 | F43686.D | 01/16/2025 | 4:31 |
| | STD5 460-1016764/5 | F43687.D | 01/16/2025 | 4:51 |
| | STD20 460-1016764/6 | F43688.D | 01/16/2025 | 5:11 |
| | STD50 460-1016764/7 | F43689.D | 01/16/2025 | 5:31 |
| | STD200 460-1016764/8 | F43690.D | 01/16/2025 | 5:51 |
| | STD500 460-1016764/9 | F43691.D | 01/16/2025 | 6:11 |
| | ICV 460-1016764/18 | F43700.D | 01/16/2025 | 9:12 |

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

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Sample No.: STD20 460-1016764/6 Date Analyzed: 01/16/2025 05:11

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F43688.D Heated Purge: (Y/N) N

Calibration ID: 99858

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 54487 | 2.54 | 198388 | 3.44 | 458607 | 4.38 |
| UPPER LIMIT | | 108974 | 3.04 | 396776 | 3.94 | 917214 | 4.88 |
| LOWER LIMIT | | 27244 | 2.04 | 99194 | 2.94 | 229304 | 3.88 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1016764/18 | | 56946 | 2.55 | 205480 | 3.44 | 455678 | 4.39 |

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.: 460-321765-1

SDG No.:

Sample No.: STD20 460-1016764/6 Date Analyzed: 01/16/2025 05:11

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F43688.D Heated Purge: (Y/N) N

Calibration ID: 99858

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 17711 | 5.00 | 301554 | 7.60 | 205786 | 9.84 |
| UPPER LIMIT | | 35422 | 5.50 | 603108 | 8.10 | 411572 | 10.34 |
| LOWER LIMIT | | 8856 | 4.50 | 150777 | 7.10 | 102893 | 9.34 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1016764/18 | | 17749 | 5.00 | 295984 | 7.60 | 204293 | 9.84 |

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.: 460-321765-1

SDG No.:

Sample No.: CCVIS 460-1024987/4 Date Analyzed: 03/10/2025 07:27

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F45173.D Heated Purge: (Y/N) N

Calibration ID: 99858

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 43662 | 2.59 | 167528 | 3.44 | 424188 | 4.40 |
| UPPER LIMIT | | 87324 | 3.09 | 335056 | 3.94 | 848376 | 4.90 |
| LOWER LIMIT | | 21831 | 2.09 | 83764 | 2.94 | 212094 | 3.90 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1024987/6 | | 42365 | 2.57 | 173588 | 3.45 | 445467 | 4.40 |
| MB 460-1024987/10 | | 50289 | 2.56 | 193820 | 3.44 | 627994 | 4.40 |
| 460-321765-6 MS | HHMW-09S1 MS | 39572 | 2.56 | 131727 | 3.44 | 336717 | 4.39 |
| 460-321765-6 MSD | HHMW-09S1 MSD | 49351 | 2.56 | 168204 | 3.44 | 440008 | 4.40 |
| LCSD 460-1024987/24 | | 43441 | 2.58 | 149683 | 3.44 | 415755 | 4.40 |
| 460-321765-2 | FB-030425 | 34621 | 2.57 | 123884 | 3.44 | 366539 | 4.40 |
| 460-321765-6 | HHMW-09S1 | 40250 | 2.58 | 132018 | 3.44 | 341137 | 4.40 |
| 460-321765-3 | HHMW-05S2-R | 35867 | 2.57 | 126934 | 3.44 | 352476 | 4.40 |
| 460-321765-4 | HHMW-19S1 | 44600 | 2.60 | 155021 | 3.45 | 408445 | 4.40 |
| 460-321765-5 | MW-03 | 43885 | 2.59 | 143443 | 3.44 | 399273 | 4.40 |
| 460-321765-7 | HHMW-14 | 40182 | 2.60 | 132248 | 3.44 | 383034 | 4.40 |
| 460-321765-8 | DUP-01 | 40818 | 2.61 | 134498 | 3.44 | 355224 | 4.40 |
| 460-321765-1 | TB-030425 | 37938 | 2.57 | 129736 | 3.44 | 355940 | 4.40 |

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.: 460-321765-1

SDG No.:

Sample No.: CCVIS 460-1024987/4 Date Analyzed: 03/10/2025 07:27

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F45173.D Heated Purge: (Y/N) N

Calibration ID: 99858

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 13719 | 5.01 | 290331 | 7.61 | 171635 | 9.87 |
| UPPER LIMIT | | 27438 | 5.51 | 580662 | 8.11 | 343270 | 10.37 |
| LOWER LIMIT | | 6860 | 4.51 | 145166 | 7.11 | 85818 | 9.37 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1024987/6 | | 13848 | 5.01 | 296278 | 7.61 | 168199 | 9.88 |
| MB 460-1024987/10 | | 15428 | 5.01 | 426470 | 7.61 | 258000 | 9.85 |
| 460-321765-6 MS | HHMW-09S1 MS | 13479 | 5.01 | 224028 | 7.60 | 136064 | 9.84 |
| 460-321765-6 MSD | HHMW-09S1 MSD | 14636 | 5.00 | 293443 | 7.60 | 175445 | 9.84 |
| LCSD 460-1024987/24 | | 13678 | 5.00 | 277749 | 7.60 | 166081 | 9.87 |
| 460-321765-2 | FB-030425 | 11566 | 5.01 | 236169 | 7.60 | 148923 | 9.85 |
| 460-321765-6 | HHMW-09S1 | 10731 | 5.01 | 221725 | 7.61 | 143197 | 9.86 |
| 460-321765-3 | HHMW-05S2-R | 11726 | 5.01 | 228303 | 7.61 | 138920 | 9.85 |
| 460-321765-4 | HHMW-19S1 | 13079 | 5.01 | 266534 | 7.61 | 162535 | 9.86 |
| 460-321765-5 | MW-03 | 13265 | 5.01 | 268057 | 7.61 | 164338 | 9.85 |
| 460-321765-7 | HHMW-14 | 11912 | 5.01 | 246640 | 7.61 | 145533 | 9.87 |
| 460-321765-8 | DUP-01 | 10943 | 5.01 | 238185 | 7.61 | 148806 | 9.86 |
| 460-321765-1 | TB-030425 | 11802 | 5.01 | 234517 | 7.61 | 148621 | 9.85 |

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.: 460-321765-1

SDG No.:

Client Sample ID: TB-030425 | Lab Sample ID: 460-321765-1

Matrix: Water | Lab File ID: F45204.D

Analysis Method: 8260D | Date Collected: 03/04/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 17:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 95 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 97 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 108 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45204.D
Lims ID: 460-321765-B-1
Client ID: TB-030425
Sample Type: Client
Inject. Date: 10-Mar-2025 17:52:30 ALS Bottle#: 34 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-1
Misc. Info.: 460-0187758-035
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:53

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 25 TBA-d9 (IS) | 46 | 2.572 | 2.589 | -0.017 | 99 | 37938 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 90 | 129736 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 96 | 96311 | 48.7 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 93 | 109646 | 51.1 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.000 | 98 | 355940 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 36 | 11802 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 343345 | 53.9 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 88 | 234517 | 50.0 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 85 | 95801 | 47.3 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.853 | 9.869 | -0.016 | 98 | 148621 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

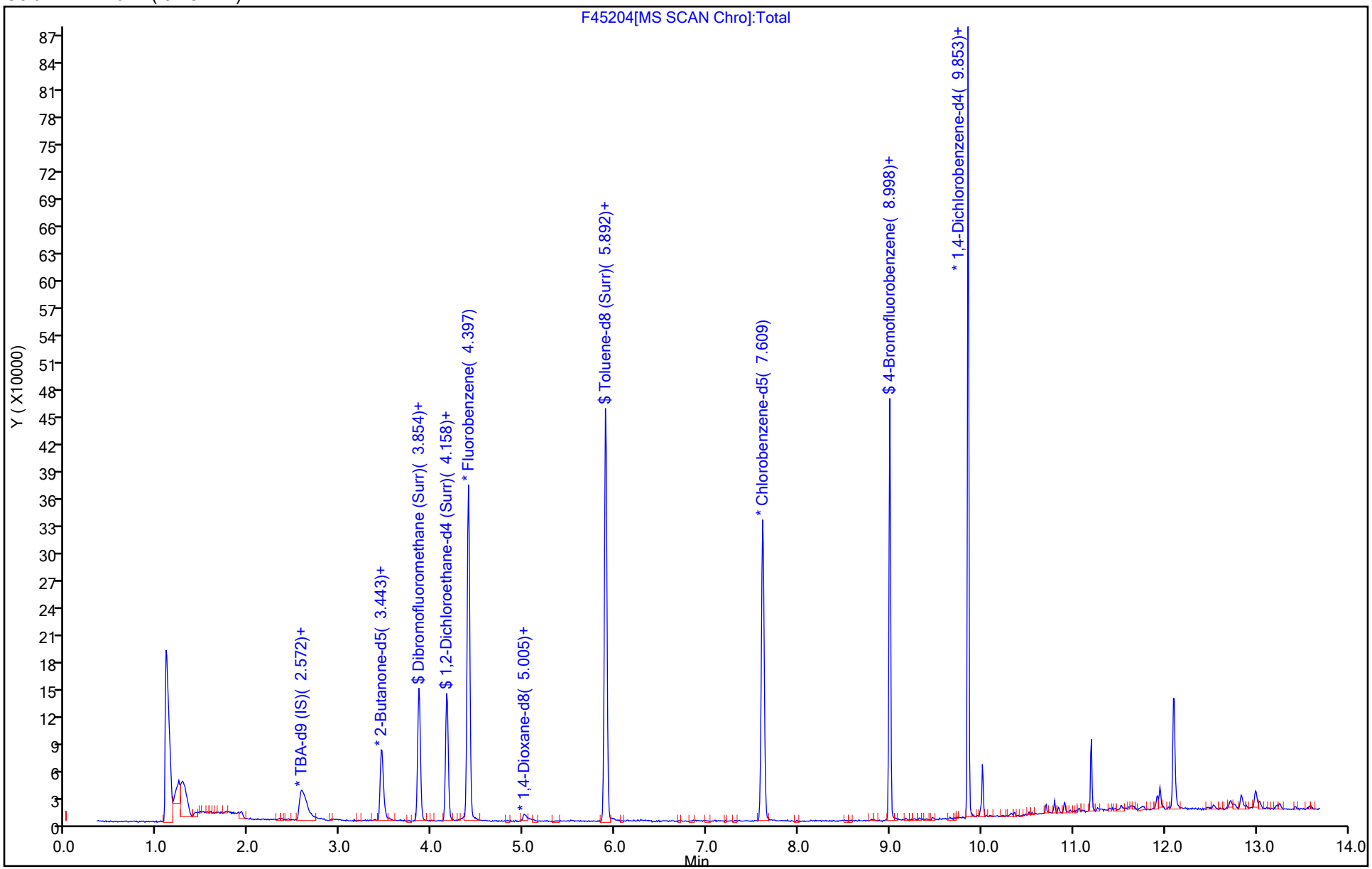
Report Date: 12-Mar-2025 19:04:54 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45204.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 17:52:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-1 | Lab Sample ID: | 460-321765-1 | Worklist Smp#: | 35 |
| Client ID: | TB-030425 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 34 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45204.D
Lims ID: 460-321765-B-1
Client ID: TB-030425
Sample Type: Client
Inject. Date: 10-Mar-2025 17:52:30 ALS Bottle#: 34 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-1
Misc. Info.: 460-0187758-035
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:53

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.7 | 97.34 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.1 | 102.27 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 53.9 | 107.76 |
| $ 100 4-Bromofluorobenzene | 50.0 | 47.3 | 94.56 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: FB-030425 | Lab Sample ID: 460-321765-2

Matrix: Water | Lab File ID: F45197.D

Analysis Method: 8260D | Date Collected: 03/04/2025 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 15:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 99 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 94 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 96 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 108 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45197.D
Lims ID: 460-321765-B-2
Client ID: FB-030425
Sample Type: Client
Inject. Date: 10-Mar-2025 15:34:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-2
Misc. Info.: 460-0187758-028
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: XE5L Date: 12-Mar-2025 19:03:34

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 25 TBA-d9 (IS) | 46 | 2.572 | 2.589 | -0.017 | 98 | 34621 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 90 | 123884 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 96 | 98290 | 48.2 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 93 | 109220 | 49.5 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.001 | 98 | 366539 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.013 | 5.005 | 0.008 | 36 | 11566 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 346096 | 53.9 | |
| * 89 Chlorobenzene-d5 | 117 | 7.601 | 7.609 | -0.008 | 88 | 236169 | 50.0 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 86 | 95867 | 47.0 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.853 | 9.869 | -0.016 | 97 | 148923 | 50.0 | |

## Reagents:

VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

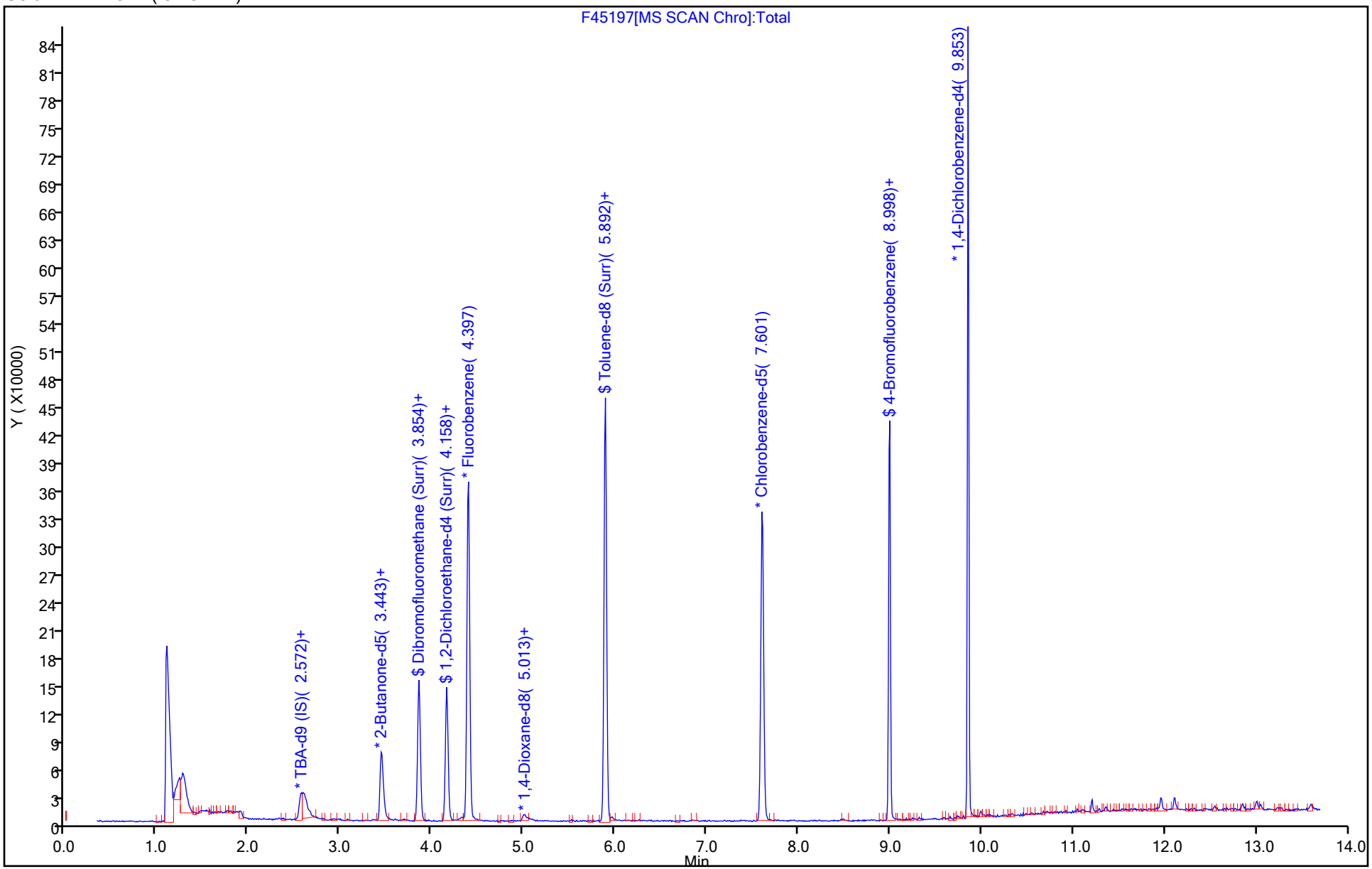
Report Date: 12-Mar-2025 19:03:35 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45197.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 15:34:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-2 | Lab Sample ID: | 460-321765-2 | Worklist Smp#: | 28 |
| Client ID: | FB-030425 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 27 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






03/13/2025

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45197.D
Lims ID: 460-321765-B-2
Client ID: FB-030425
Sample Type: Client
Inject. Date: 10-Mar-2025 15:34:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-2
Misc. Info.: 460-0187758-028
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: XE5L Date: 12-Mar-2025 19:03:34

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.2 | 96.47 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.5 | 98.92 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 53.9 | 107.86 |
| $ 100 4-Bromofluorobenzene | 50.0 | 47.0 | 93.97 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-05S2-R | Lab Sample ID: 460-321765-3

Matrix: Water | Lab File ID: F45199.D

Analysis Method: 8260D | Date Collected: 03/04/2025 09:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 16:13

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) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 92 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 98 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 109 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45199.D
Lims ID: 460-321765-B-3
Client ID: HHMW-05S2-R
Sample Type: Client
Inject. Date: 10-Mar-2025 16:13:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-3
Misc. Info.: 460-0187758-030
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: XE5L Date: 12-Mar-2025 19:03:46

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 25 TBA-d9 (IS) | 46 | 2.572 | 2.589 | -0.017 | 98 | 35867 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 90 | 126934 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 96 | 95976 | 49.0 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 93 | 108132 | 50.9 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.001 | 98 | 352476 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 37 | 11726 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 339155 | 54.7 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 89 | 228303 | 50.0 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 85 | 90835 | 46.1 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.853 | 9.869 | -0.016 | 97 | 138920 | 50.0 | |

## Reagents:

VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

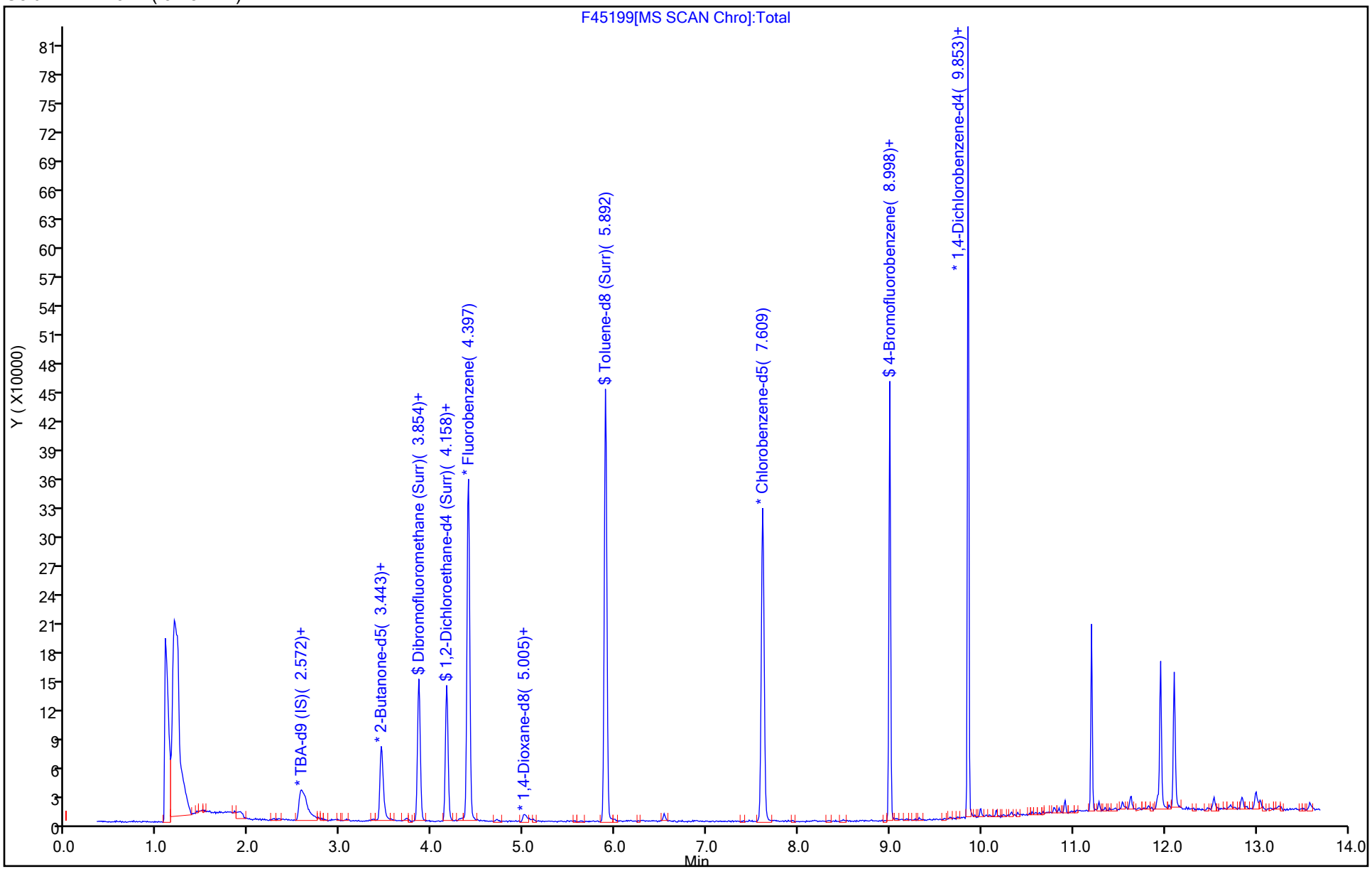
Report Date: 12-Mar-2025 19:03:46 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45199.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 16:13:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-3 | Lab Sample ID: | 460-321765-3 | Worklist Smp#: | 30 |
| Client ID: | HHMW-05S2-R | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 29 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45199.D
Lims ID: 460-321765-B-3
Client ID: HHMW-05S2-R
Sample Type: Client
Inject. Date: 10-Mar-2025 16:13:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-3
Misc. Info.: 460-0187758-030
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: XE5L Date: 12-Mar-2025 19:03:46

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 49.0 | 97.95 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.9 | 101.84 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 54.7 | 109.34 |
| $ 100 4-Bromofluorobenzene | 50.0 | 46.1 | 92.10 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-19S1 | Lab Sample ID: 460-321765-4

Matrix: Water | Lab File ID: F45200.D

Analysis Method: 8260D | Date Collected: 03/04/2025 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 16:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.74 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 12 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.1 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 101 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 92 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 97 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 110 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45200.D
Lims ID: 460-321765-B-4
Client ID: HHMW-19S1
Sample Type: Client
Inject. Date: 10-Mar-2025 16:33:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-4
Misc. Info.: 460-0187758-031
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:13

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 25 TBA-d9 (IS) | 46 | 2.597 | 2.589 | 0.008 | 99 | 44600 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.452 | 3.443 | 0.009 | 90 | 155021 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 96 | 109711 | 48.3 | |
| 55 Benzene | 78 | 4.150 | 4.150 | 0.000 | 47 | 11282 | 0.7439 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.167 | 4.158 | 0.009 | 95 | 123981 | 50.4 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.001 | 98 | 408445 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.013 | 5.005 | 0.008 | 38 | 13079 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 399849 | 55.2 | |
| 79 Toluene | 91 | 5.966 | 5.966 | 0.000 | 34 | 5042 | 0.3678 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 88 | 266534 | 50.0 | |
| 91 Ethylbenzene | 106 | 7.766 | 7.765 | 0.001 | 99 | 57127 | 12.1 | |
| 93 m-Xylene & p-Xylene | 106 | 7.946 | 7.938 | 0.008 | 96 | 2231 | 0.3776 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 96 | 10748 | 1.68 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 85 | 106010 | 46.0 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.869 | -0.008 | 97 | 162535 | 50.0 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 2.06 | |

## QC Flag Legend
Processing Flags

## Reagents:
VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

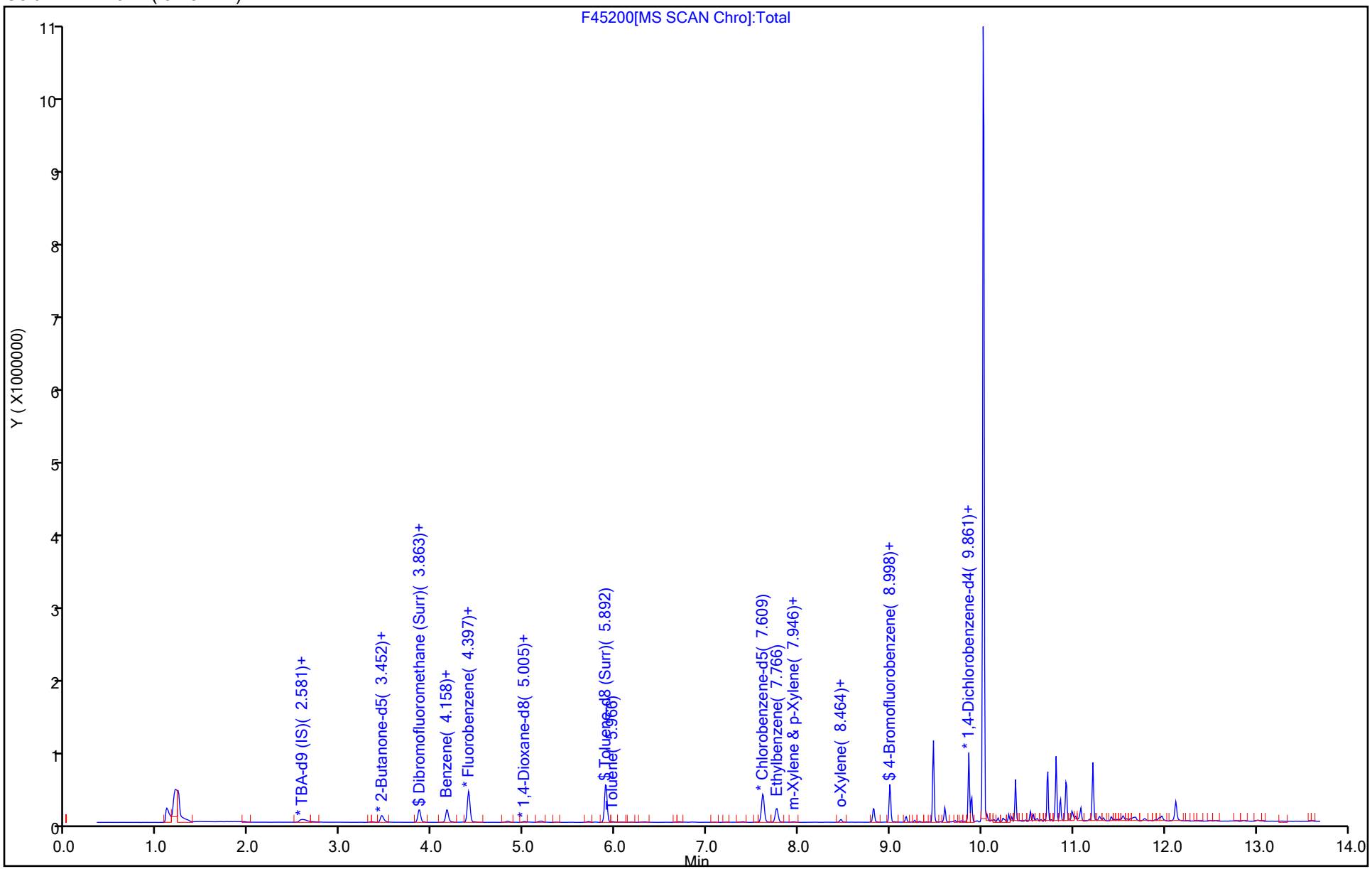
Report Date: 12-Mar-2025 19:03:53 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45200.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 16:33:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-4 | Lab Sample ID: | 460-321765-4 | Worklist Smp#: | 31 |
| Client ID: | HHMW-19S1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 30 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45200.D
Lims ID: 460-321765-B-4
Client ID: HHMW-19S1
Sample Type: Client
Inject. Date: 10-Mar-2025 16:33:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-4
Misc. Info.: 460-0187758-031
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

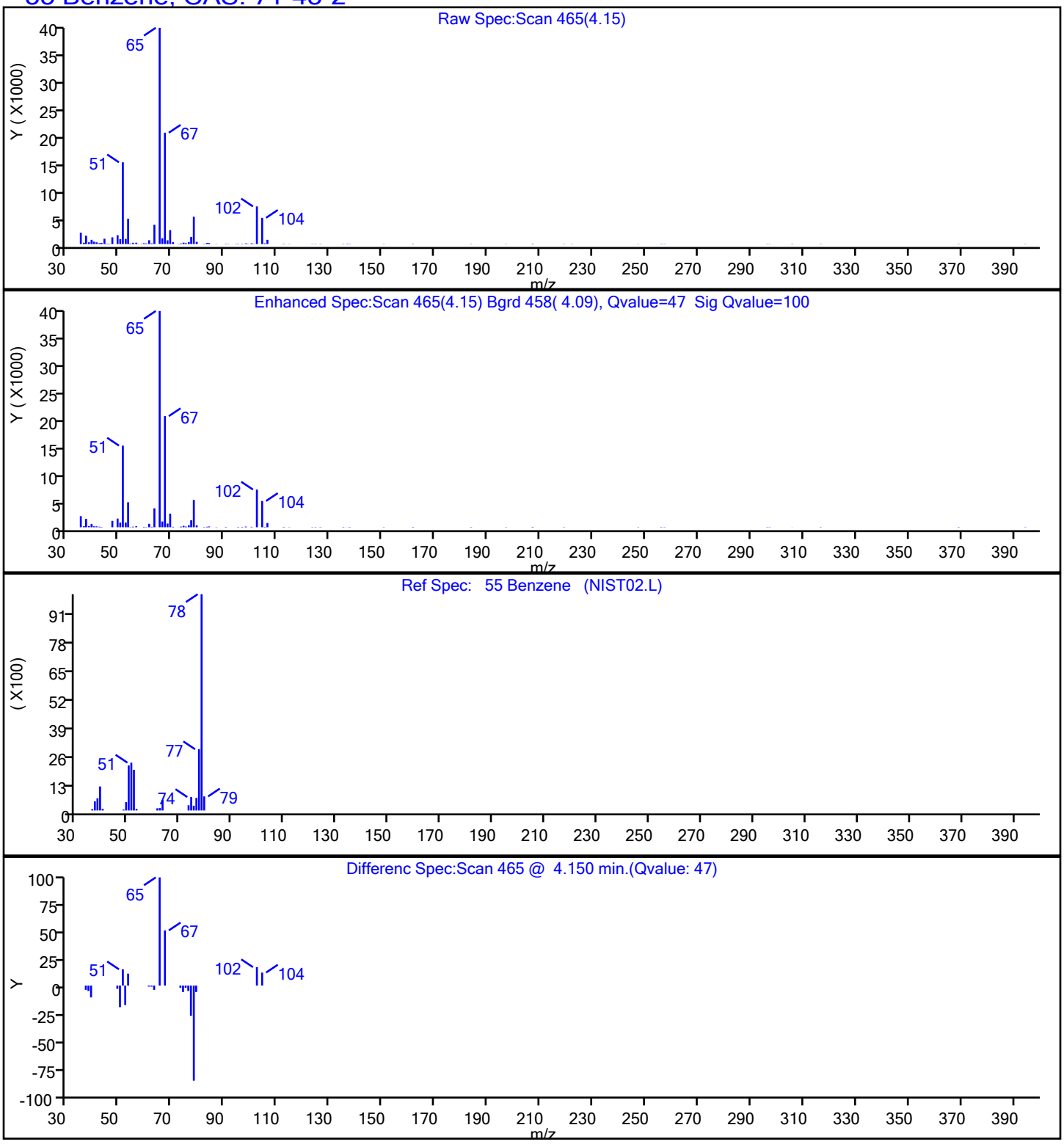
First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:13

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.3 | 96.63 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.4 | 100.77 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 55.2 | 110.42 |
| $ 100 4-Bromofluorobenzene | 50.0 | 46.0 | 92.07 |

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45200.D
Injection Date: 10-Mar-2025 16:33:30 Instrument ID: CVOAMS6
Lims ID: 460-321765-B-4 Lab Sample ID: 460-321765-4
Client ID: HHMW-19S1
Operator ID: ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 55 Benzene, CAS: 71-43-2



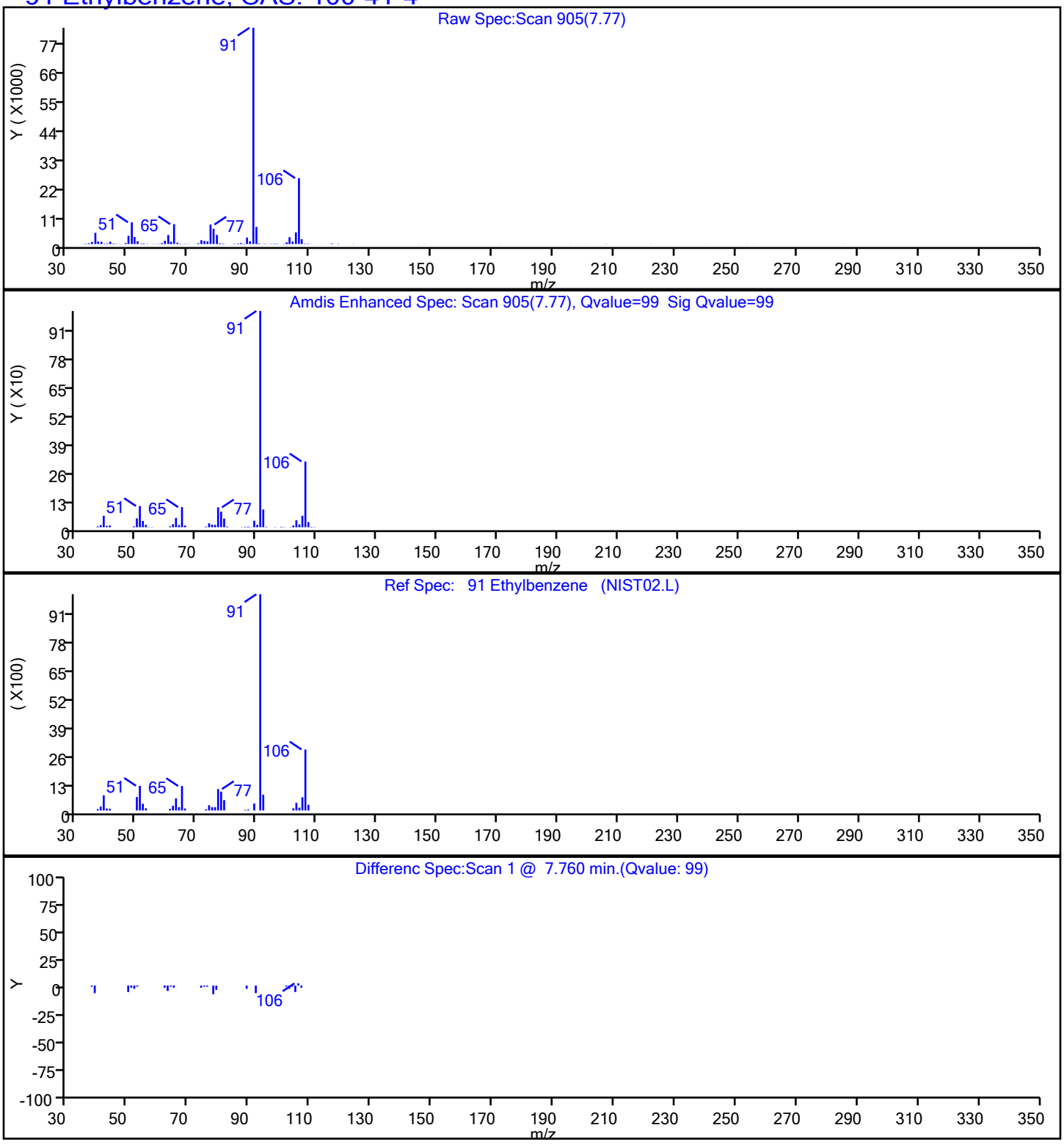
Report Date: 12-Mar-2025 19:03:53 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45200.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 16:33:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | 460-321765-B-4 | Lab Sample ID: | 460-321765-4 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 31 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 91 Ethylbenzene, CAS: 100-41-4



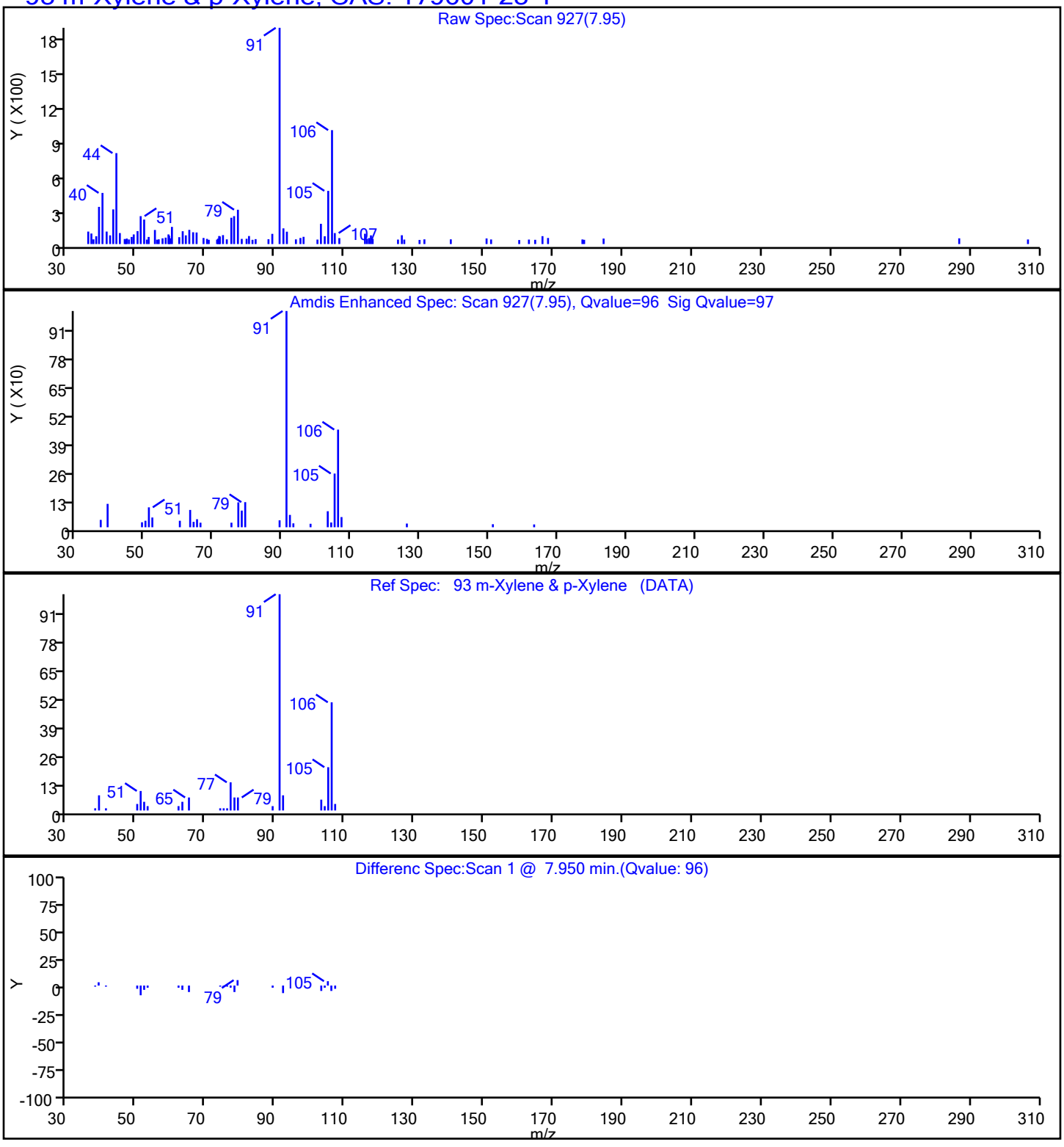
Report Date: 12-Mar-2025 19:03:53 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45200.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 16:33:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | 460-321765-B-4 | Lab Sample ID: | 460-321765-4 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 31 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 93 m-Xylene & p-Xylene, CAS: 179601-23-1



Report Date: 12-Mar-2025 19:03:53 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45200.D

Injection Date: 10-Mar-2025 16:33:30 Instrument ID: CVOAMS6

Lims ID: 460-321765-B-4 Lab Sample ID: 460-321765-4

Client ID: HHMW-19S1

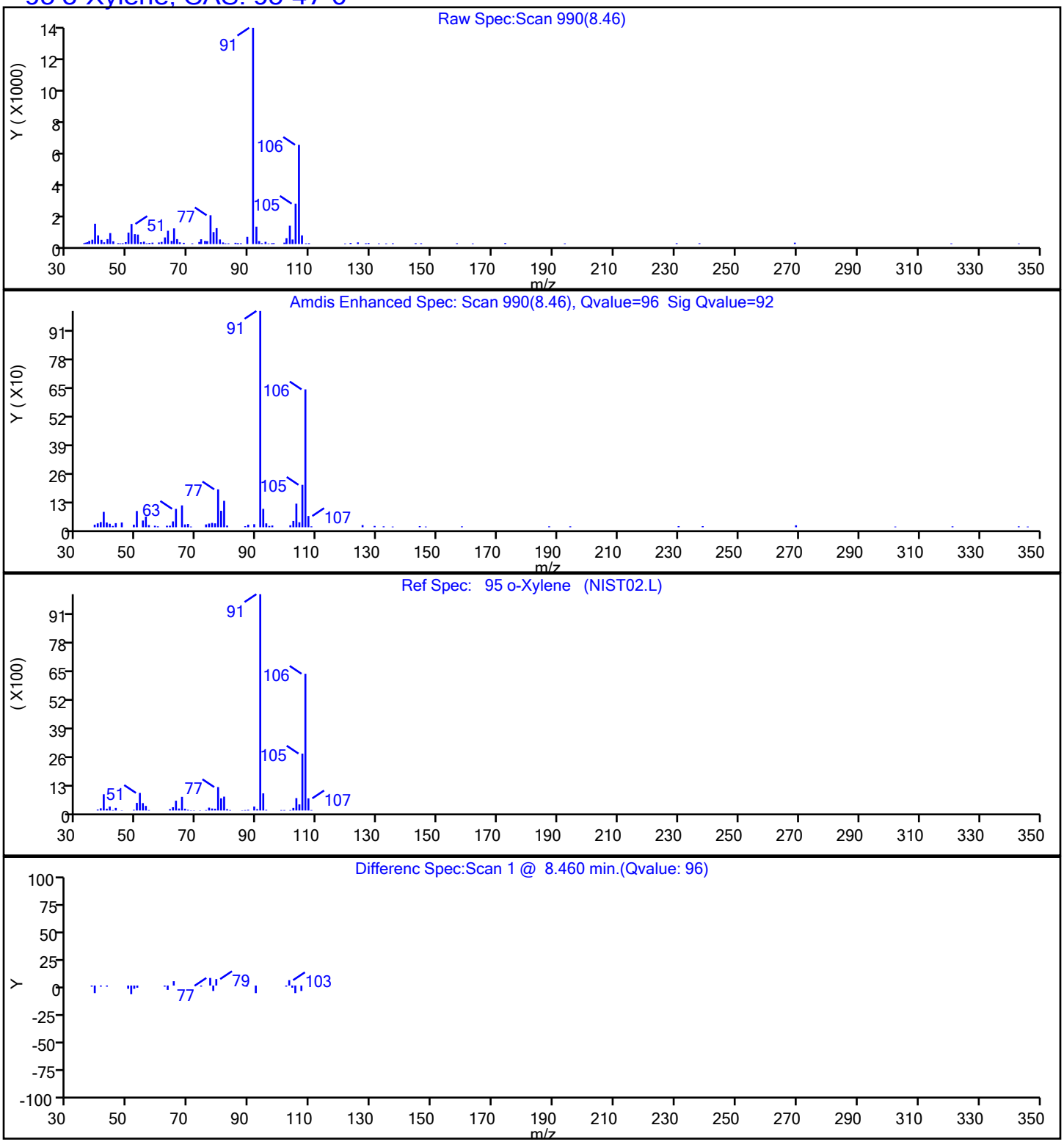
Operator ID: ALS Bottle#: 30 Worklist Smp#: 31

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: MW-03 | Lab Sample ID: 460-321765-5

Matrix: Water | Lab File ID: F45201.D

Analysis Method: 8260D | Date Collected: 03/04/2025 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 16:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 0.73 | J | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 93 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 97 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 108 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45201.D
Lims ID: 460-321765-B-5
Client ID: MW-03
Sample Type: Client
Inject. Date: 10-Mar-2025 16:52:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-5
Misc. Info.: 460-0187758-032
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:20

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 25 TBA-d9 (IS) | 46 | 2.589 | 2.589 | 0.000 | 98 | 43885 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 90 | 143443 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 96 | 107605 | 48.5 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 93 | 120261 | 50.0 | |
| * 61 Fluorobenzene | 96 | 4.396 | 4.396 | 0.000 | 98 | 399273 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.013 | 5.005 | 0.008 | 36 | 13265 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 392676 | 53.9 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 88 | 268057 | 50.0 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 96 | 1923 | 0.3236 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 90 | 2632 | 0.4095 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 85 | 107450 | 46.4 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.853 | 9.869 | -0.017 | 98 | 164338 | 50.0 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 0.7332 | |

## QC Flag Legend
Processing Flags

## Reagents:
VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

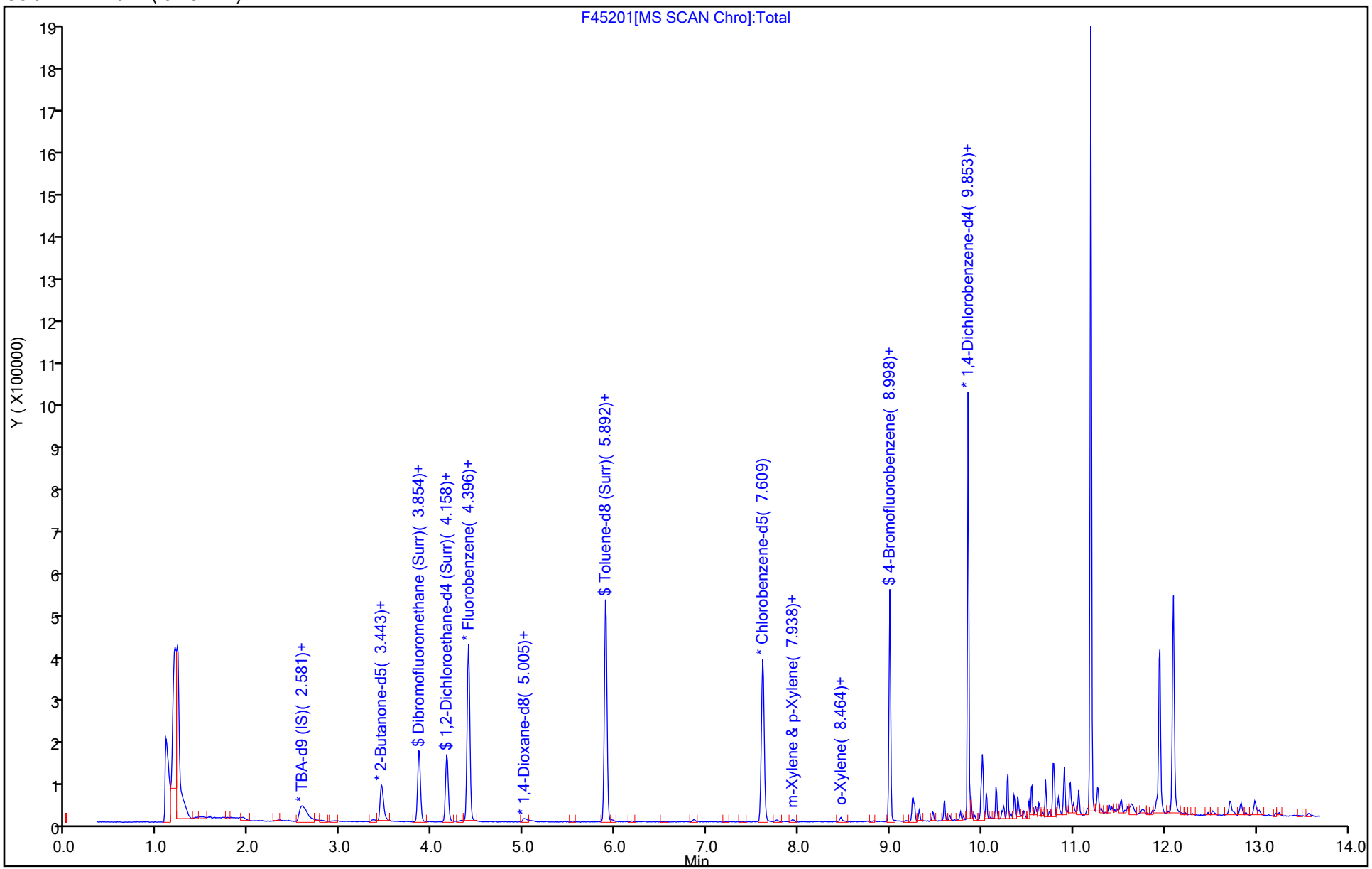
Report Date: 12-Mar-2025 19:04:13 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45201.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 16:52:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-5 | Lab Sample ID: | 460-321765-5 | Worklist Smp#: | 32 |
| Client ID: | MW-03 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 31 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45201.D
Lims ID: 460-321765-B-5
Client ID: MW-03
Sample Type: Client
Inject. Date: 10-Mar-2025 16:52:30 ALS Bottle#: 31 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-5
Misc. Info.: 460-0187758-032
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:20

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.5 | 96.95 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.0 | 99.99 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 53.9 | 107.82 |
| $ 100 4-Bromofluorobenzene | 50.0 | 46.4 | 92.79 |

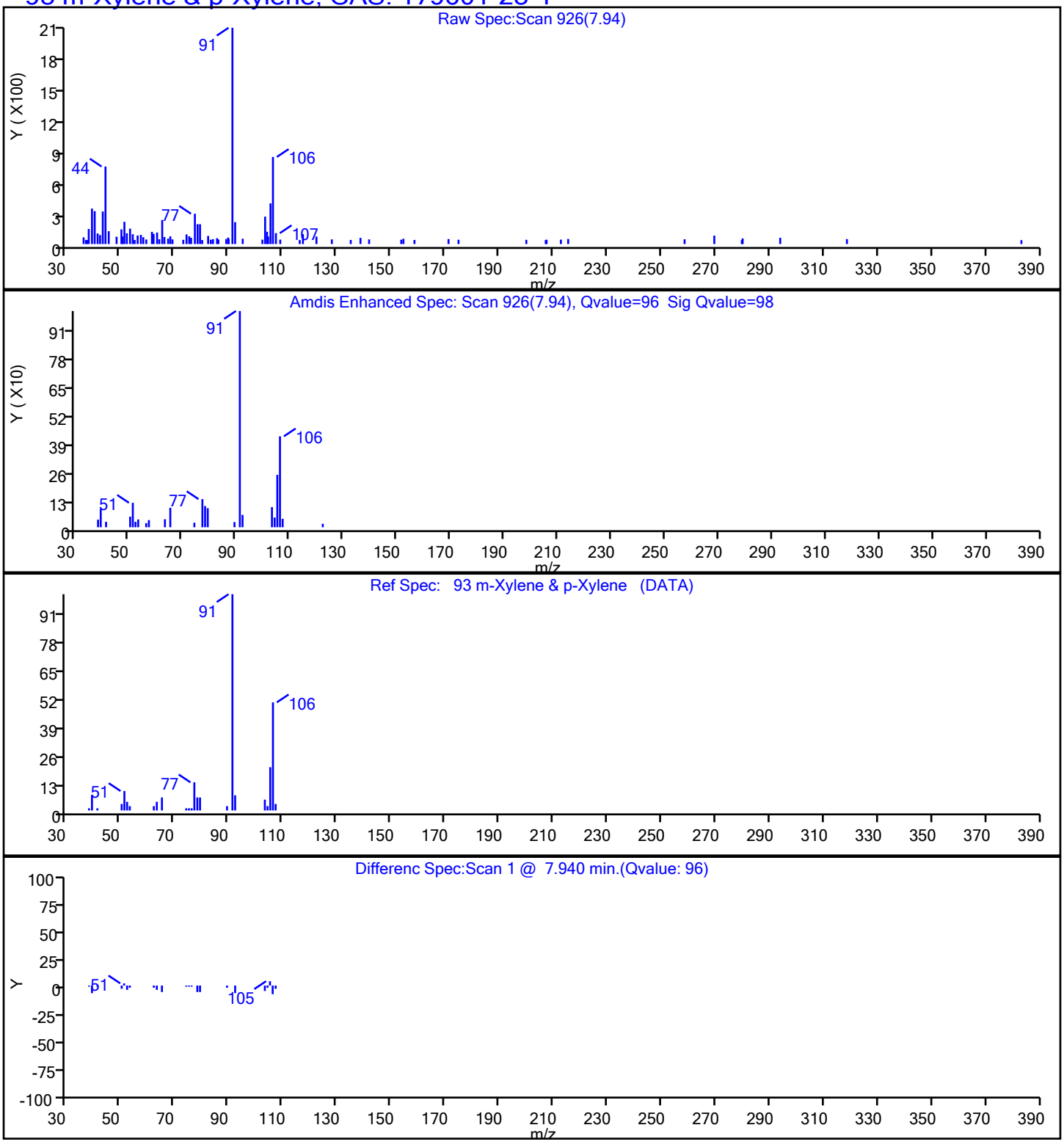
Report Date: 12-Mar-2025 19:04:13 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45201.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 16:52:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | 460-321765-B-5 | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 31 | Worklist Smp#: | 32 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 93 m-Xylene & p-Xylene, CAS: 179601-23-1



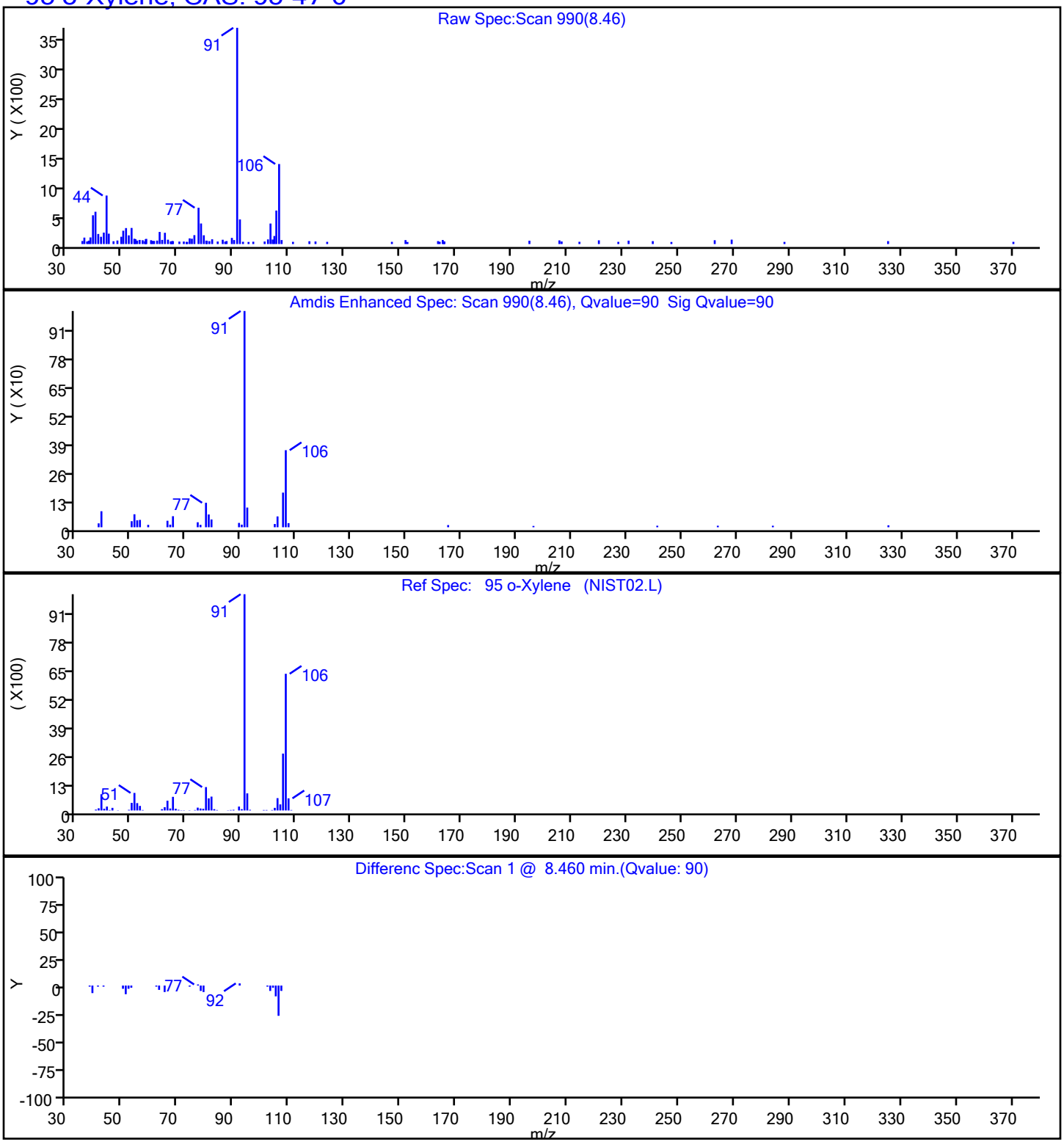
Report Date: 12-Mar-2025 19:04:13 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45201.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 16:52:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | 460-321765-B-5 | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 31 | Worklist Smp#: | 32 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-09S1 | Lab Sample ID: 460-321765-6

Matrix: Water | Lab File ID: F45198.D

Analysis Method: 8260D | Date Collected: 03/04/2025 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 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) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 0.89 | J | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 2.0 | | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 14 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 101 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 95 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 98 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 109 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45198.D
Lims ID: 460-321765-B-6
Client ID: HHMW-09S1
Sample Type: Client
Inject. Date: 10-Mar-2025 15:54:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-6
Misc. Info.: 460-0187758-029
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:02

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 25 TBA-d9 (IS) | 46 | 2.581 | 2.589 | -0.008 | 98 | 40250 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 90 | 132018 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 96 | 92881 | 49.0 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 94 | 104237 | 50.7 | |
| * 61 Fluorobenzene | 96 | 4.396 | 4.396 | 0.000 | 98 | 341137 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | -0.001 | 37 | 10731 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 327993 | 54.4 | |
| 79 Toluene | 91 | 5.966 | 5.966 | 0.000 | 95 | 23001 | 2.02 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 88 | 221725 | 50.0 | |
| 91 Ethylbenzene | 106 | 7.765 | 7.765 | 0.000 | 99 | 3507 | 0.8933 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 31507 | 6.41 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 93 | 42535 | 8.00 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 84 | 90710 | 47.4 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.869 | -0.008 | 98 | 143197 | 50.0 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 14.4 | |

## QC Flag Legend
Processing Flags

## Reagents:
VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

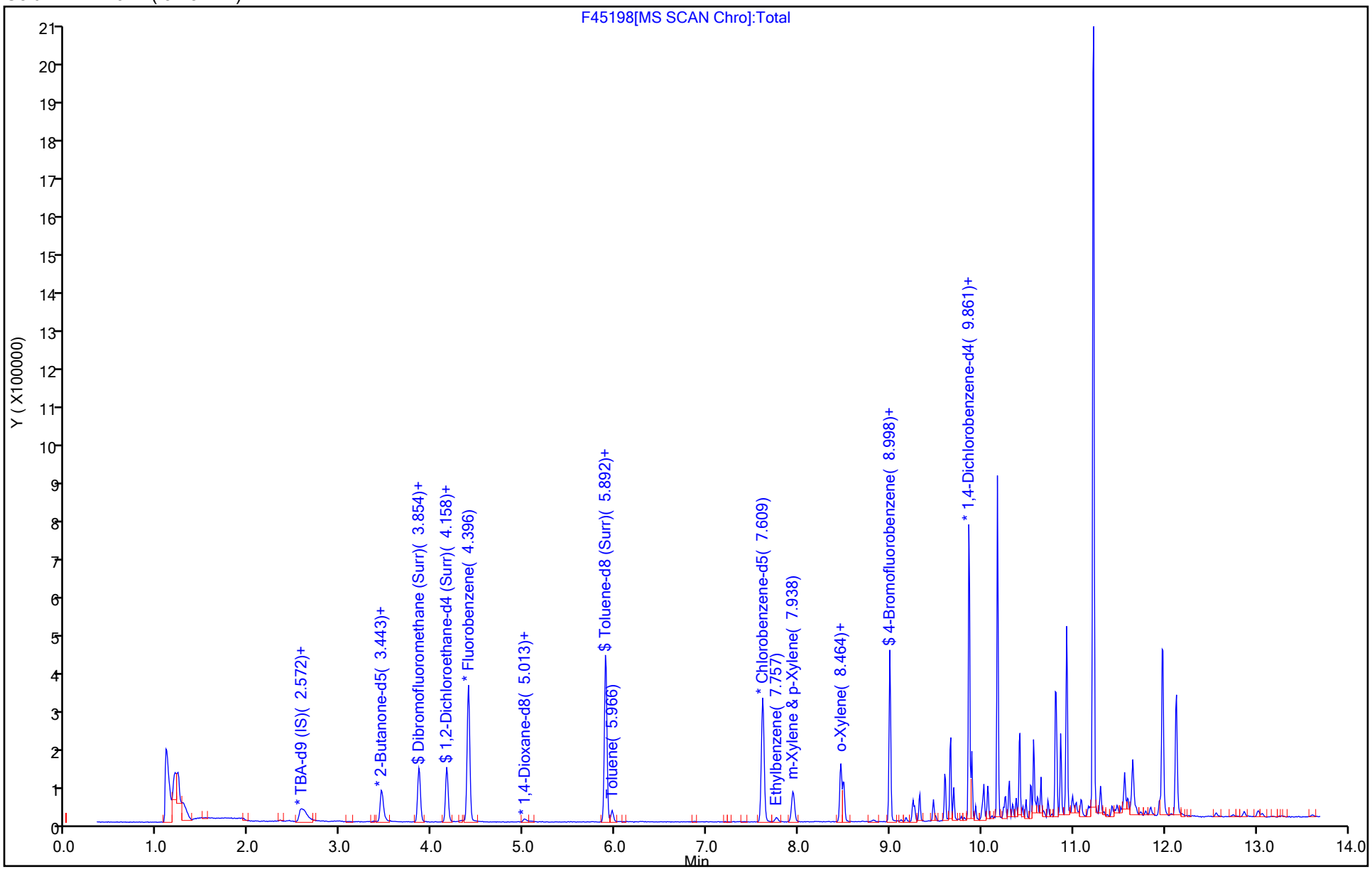
Report Date: 12-Mar-2025 19:03:41 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45198.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 15:54:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-6 | Lab Sample ID: | 460-321765-6 | Worklist Smp#: | 29 |
| Client ID: | HHMW-09S1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 28 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45198.D | | | | |
| Lims ID: | 460-321765-B-6 | | | | |
| Client ID: | HHMW-09S1 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 10-Mar-2025 15:54:30 | ALS Bottle#: | 28 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-321765-B-6 | | | | |
| Misc. Info.: | 460-0187758-029 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS6 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 11-Mar-2025 09:32:02 | Calib Date: | 16-Jan-2025 06:11:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D | | | | |
| Column 1 : | Rtx-624 ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1657 | | | | |

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:02

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 49.0 | 97.94 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.7 | 101.44 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 54.4 | 108.88 |
| $ 100 4-Bromofluorobenzene | 50.0 | 47.4 | 94.70 |

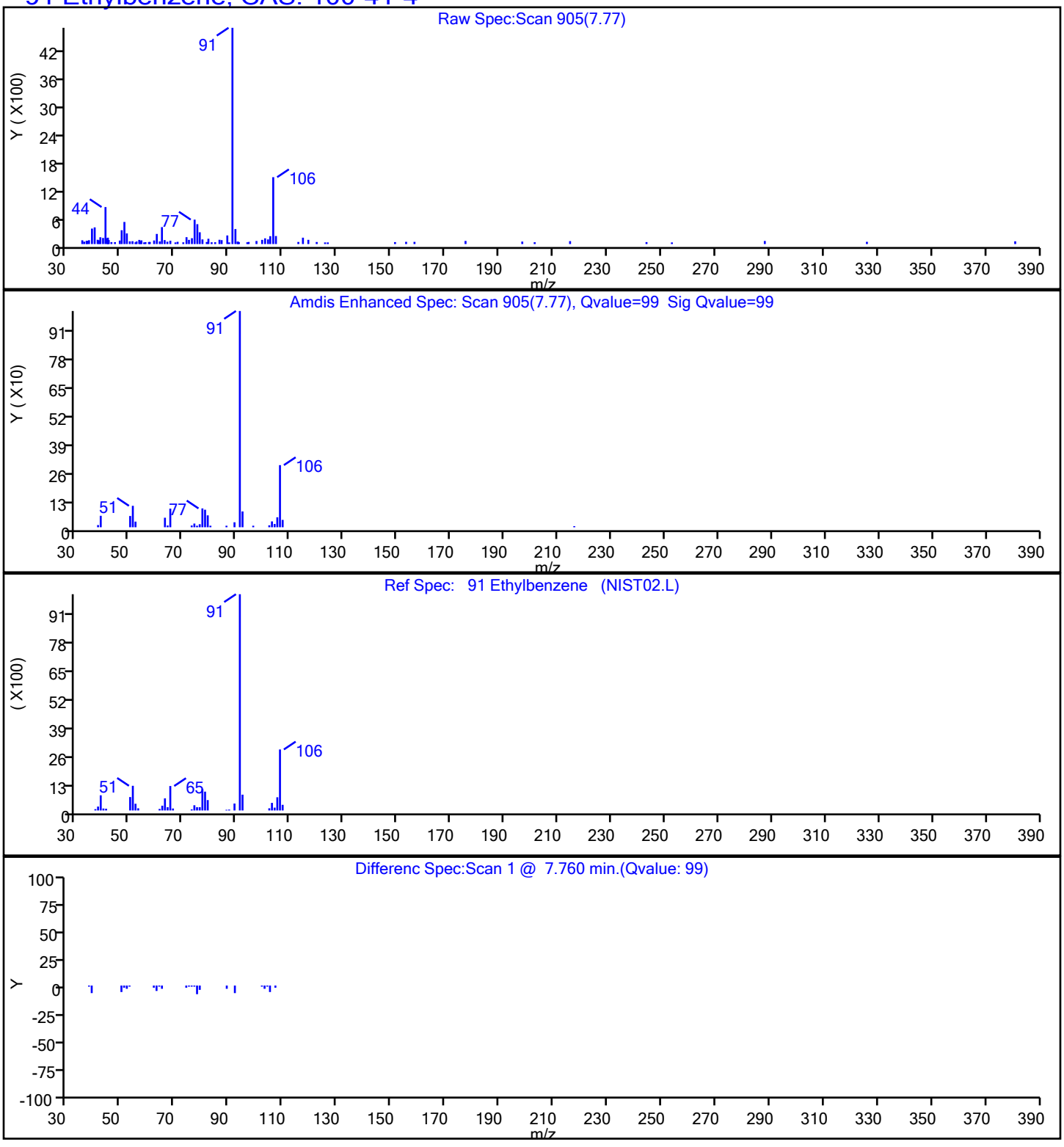
Report Date: 12-Mar-2025 19:03:41 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45198.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 15:54:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | 460-321765-B-6 | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 28 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 91 Ethylbenzene, CAS: 100-41-4



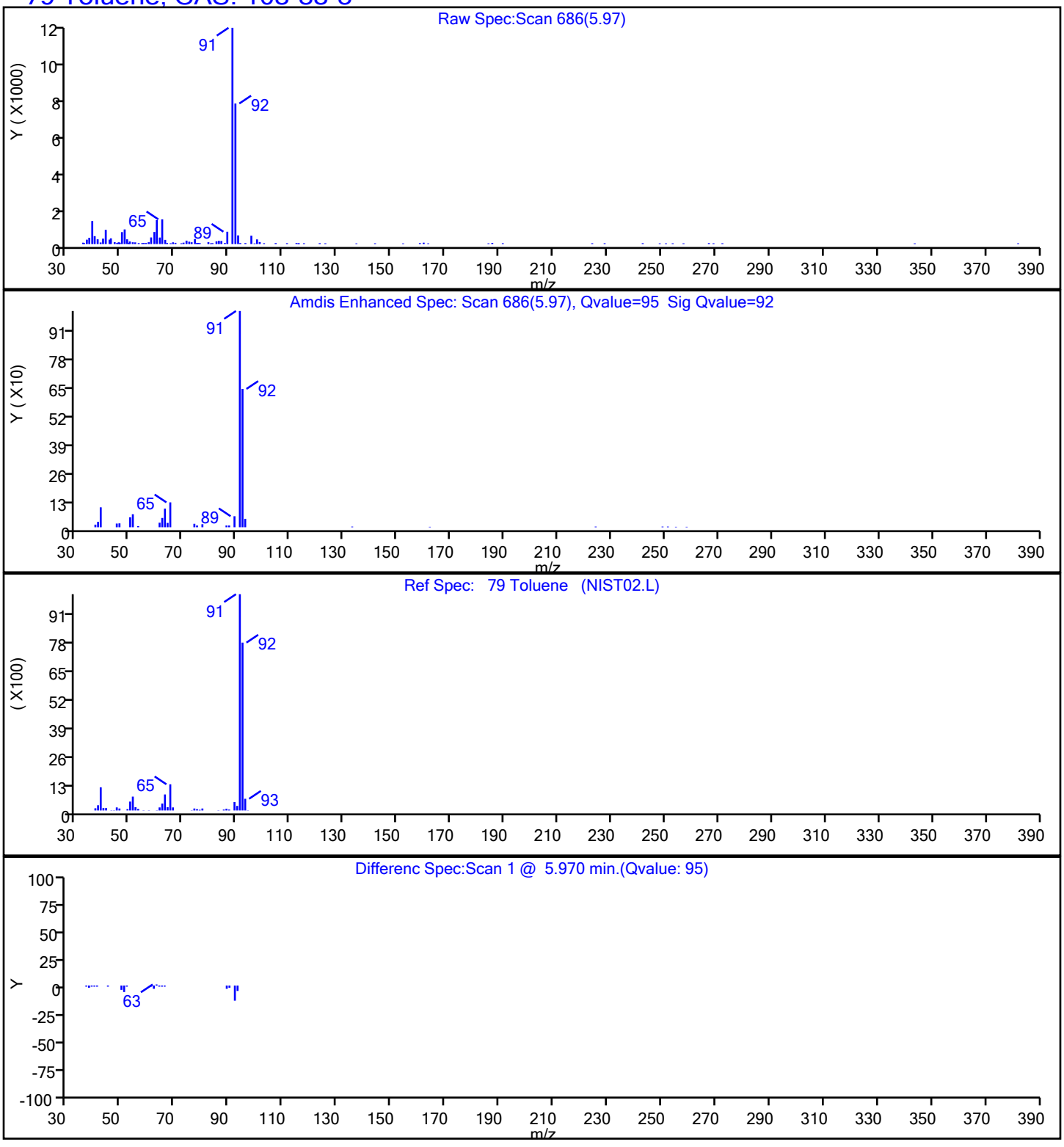
Report Date: 12-Mar-2025 19:03:41 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45198.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 15:54:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | 460-321765-B-6 | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 28 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 79 Toluene, CAS: 108-88-3



Report Date: 12-Mar-2025 19:03:41 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45198.D

Injection Date: 10-Mar-2025 15:54:30 Instrument ID: CVOAMS6

Lims ID: 460-321765-B-6 Lab Sample ID: 460-321765-6

Client ID: HHMW-09S1

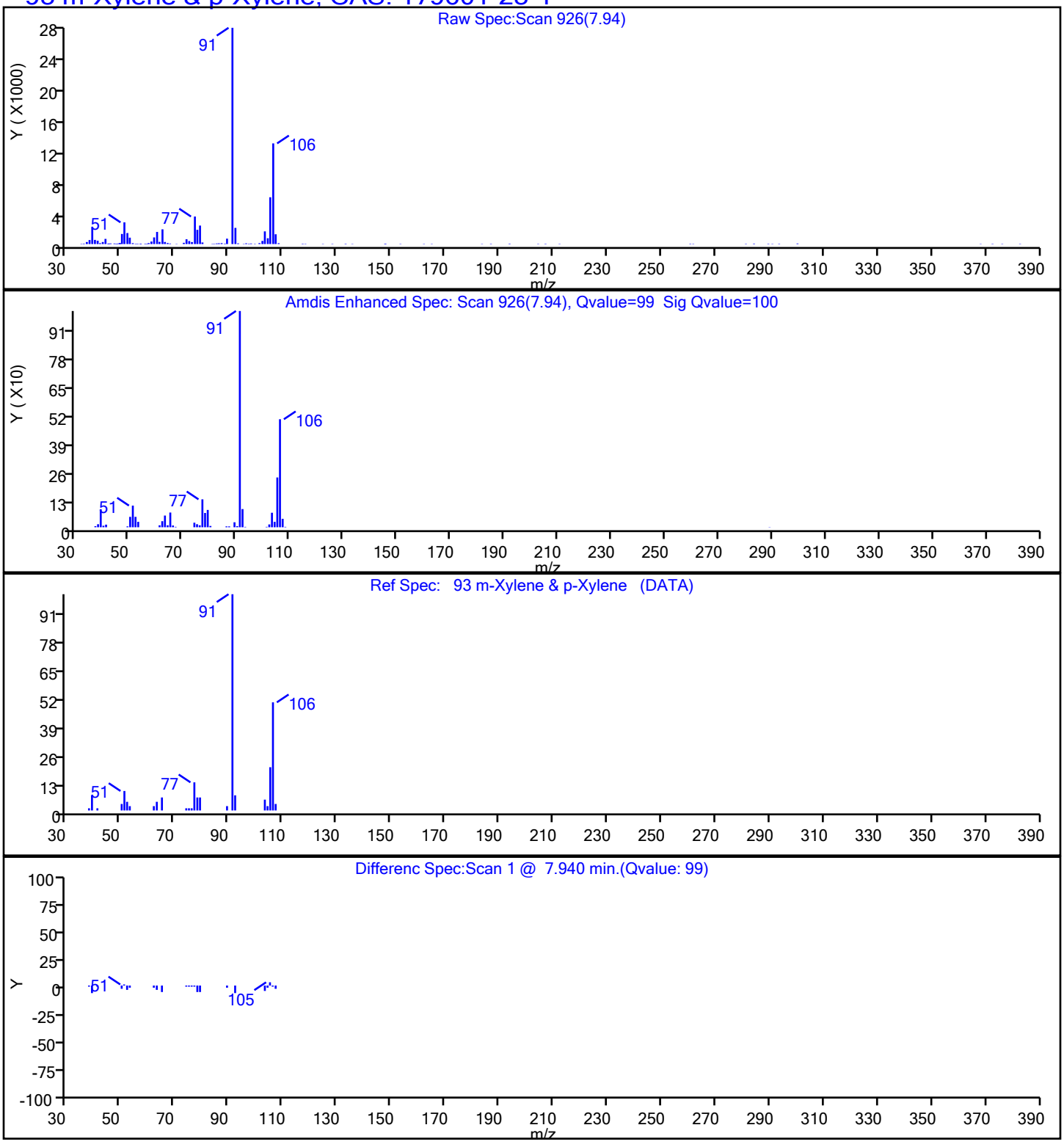
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 93 m-Xylene & p-Xylene, CAS: 179601-23-1



Report Date: 12-Mar-2025 19:03:41 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45198.D

Injection Date: 10-Mar-2025 15:54:30 Instrument ID: CVOAMS6

Lims ID: 460-321765-B-6 Lab Sample ID: 460-321765-6

Client ID: HHMW-09S1

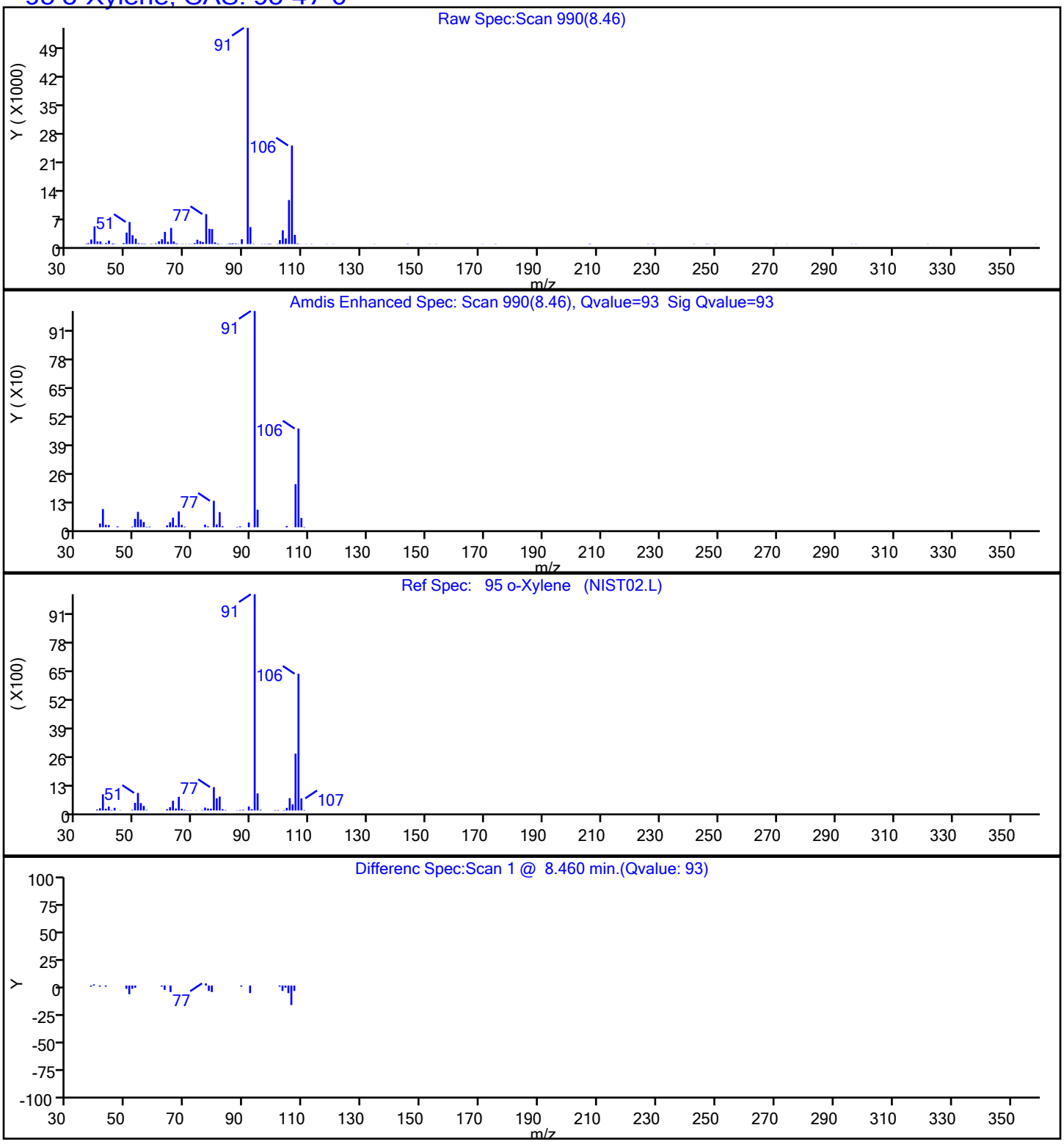
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-14 | Lab Sample ID: 460-321765-7

Matrix: Water | Lab File ID: F45202.D

Analysis Method: 8260D | Date Collected: 03/04/2025 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 17:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 90 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 97 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 110 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45202.D
Lims ID: 460-321765-B-7
Client ID: HHMW-14
Sample Type: Client
Inject. Date: 10-Mar-2025 17:12:30 ALS Bottle#: 32 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-7
Misc. Info.: 460-0187758-033
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: XE5L Date: 12-Mar-2025 19:04:18

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 25 TBA-d9 (IS) | 46 | 2.597 | 2.589 | 0.008 | 99 | 40182 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 90 | 132248 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 96 | 102877 | 48.3 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 93 | 111415 | 48.3 | |
| * 61 Fluorobenzene | 96 | 4.396 | 4.396 | 0.000 | 98 | 383034 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.013 | 5.005 | 0.008 | 37 | 11912 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 367616 | 54.9 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 88 | 246640 | 50.0 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 84 | 96164 | 45.1 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.869 | 9.869 | 0.000 | 96 | 145533 | 50.0 | |

## Reagents:

VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

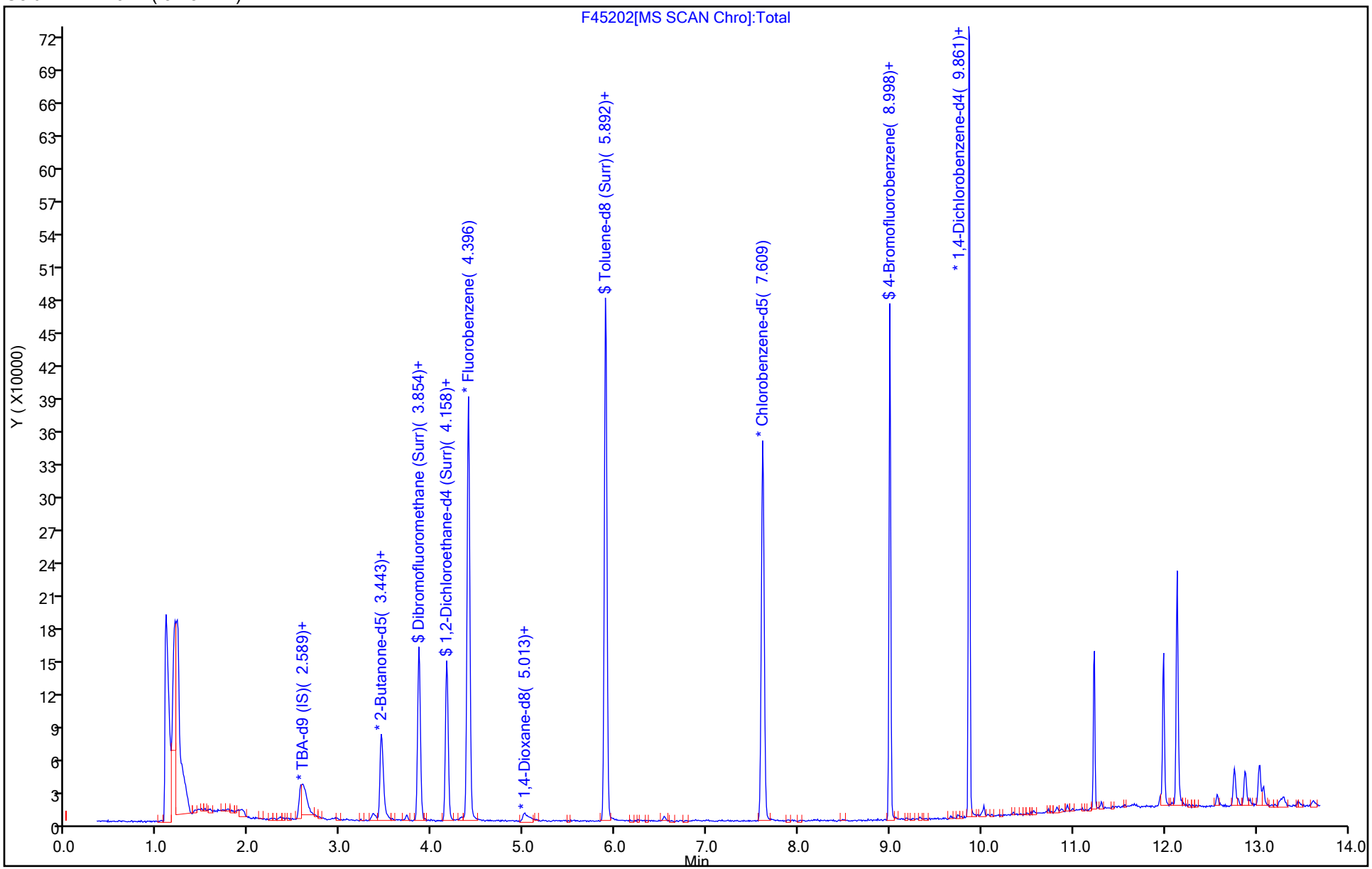
Report Date: 12-Mar-2025 19:04:18 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45202.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 17:12:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-7 | Lab Sample ID: | 460-321765-7 | Worklist Smp#: | 33 |
| Client ID: | HHMW-14 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 32 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






03/13/2025

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45202.D
Lims ID: 460-321765-B-7
Client ID: HHMW-14
Sample Type: Client
Inject. Date: 10-Mar-2025 17:12:30 ALS Bottle#: 32 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-7
Misc. Info.: 460-0187758-033
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: XE5L Date: 12-Mar-2025 19:04:18

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.3 | 96.62 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.3 | 96.57 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 54.9 | 109.70 |
| $ 100 4-Bromofluorobenzene | 50.0 | 45.1 | 90.25 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: DUP-01 | Lab Sample ID: 460-321765-8

Matrix: Water | Lab File ID: F45203.D

Analysis Method: 8260D | Date Collected: 03/04/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 17:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.79 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 14 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.3 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 92 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 98 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 107 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45203.D
Lims ID: 460-321765-B-8
Client ID: DUP-01
Sample Type: Client
Inject. Date: 10-Mar-2025 17:32:30 ALS Bottle#: 33 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-8
Misc. Info.: 460-0187758-034
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:43

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 25 TBA-d9 (IS) | 46 | 2.605 | 2.589 | 0.016 | 99 | 40818 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 89 | 134498 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 95 | 96462 | 48.8 | |
| 55 Benzene | 78 | 4.150 | 4.150 | 0.000 | 46 | 10752 | 0.7933 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 95 | 110284 | 51.5 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.001 | 98 | 355224 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 40 | 10943 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 347132 | 53.6 | |
| 79 Toluene | 91 | 5.966 | 5.966 | 0.000 | 90 | 4547 | 0.3712 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 88 | 238185 | 50.0 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.765 | -0.008 | 99 | 58376 | 13.8 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 96 | 2452 | 0.4644 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 94 | 10768 | 1.89 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 84 | 94893 | 46.1 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.869 | -0.008 | 98 | 148806 | 50.0 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 2.35 | |

## QC Flag Legend
Processing Flags

## Reagents:
VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

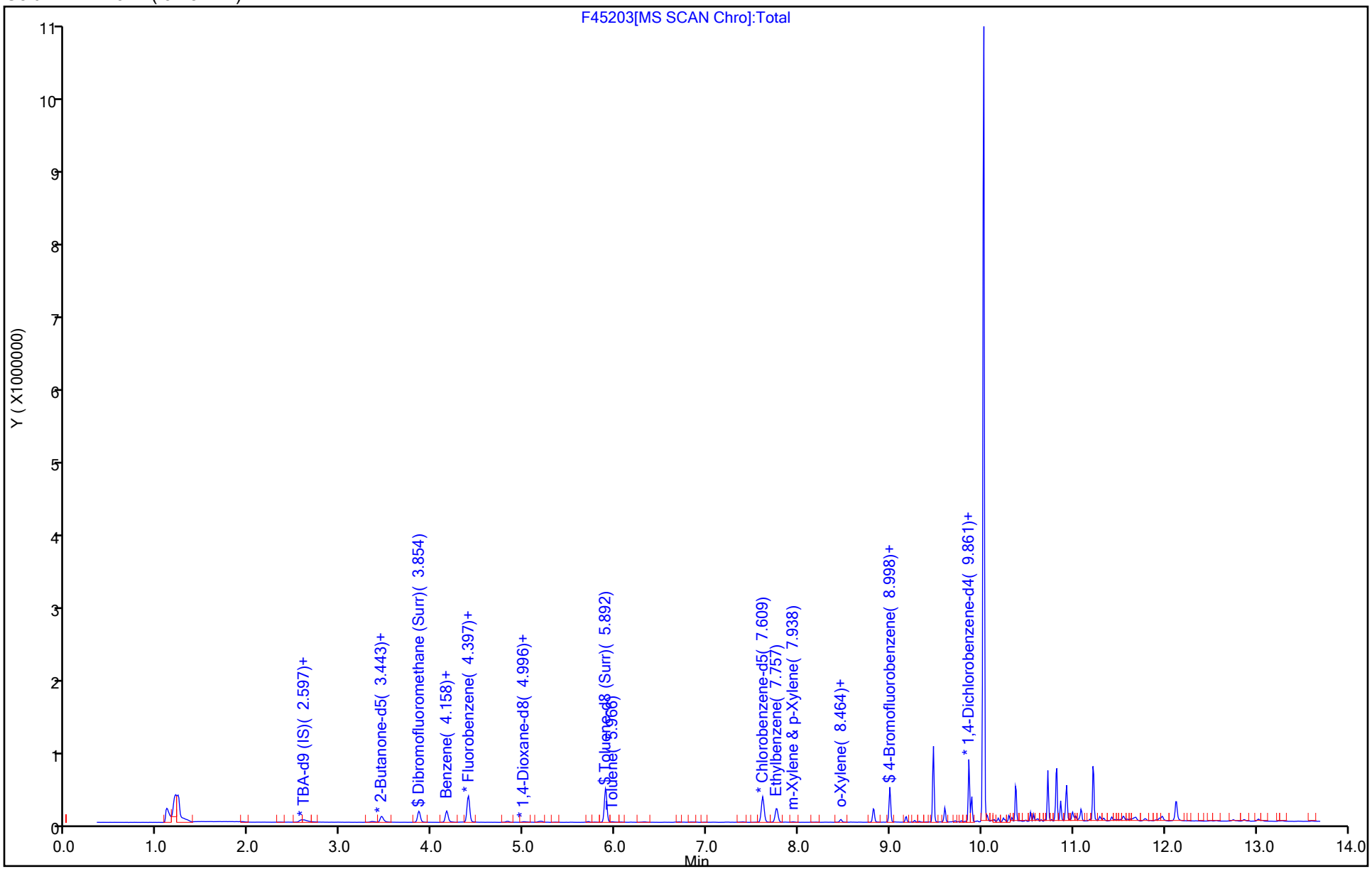
Report Date: 12-Mar-2025 19:04:26 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45203.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 17:32:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-8 | Lab Sample ID: | 460-321765-8 | Worklist Smp#: | 34 |
| Client ID: | DUP-01 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 33 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45203.D
Lims ID: 460-321765-B-8
Client ID: DUP-01
Sample Type: Client
Inject. Date: 10-Mar-2025 17:32:30 ALS Bottle#: 33 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-8
Misc. Info.: 460-0187758-034
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Mar-2025 09:32:02 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: KG2Q Date: 11-Mar-2025 07:30:43

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.8 | 97.69 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.5 | 103.07 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 53.6 | 107.27 |
| $ 100 4-Bromofluorobenzene | 50.0 | 46.1 | 92.22 |

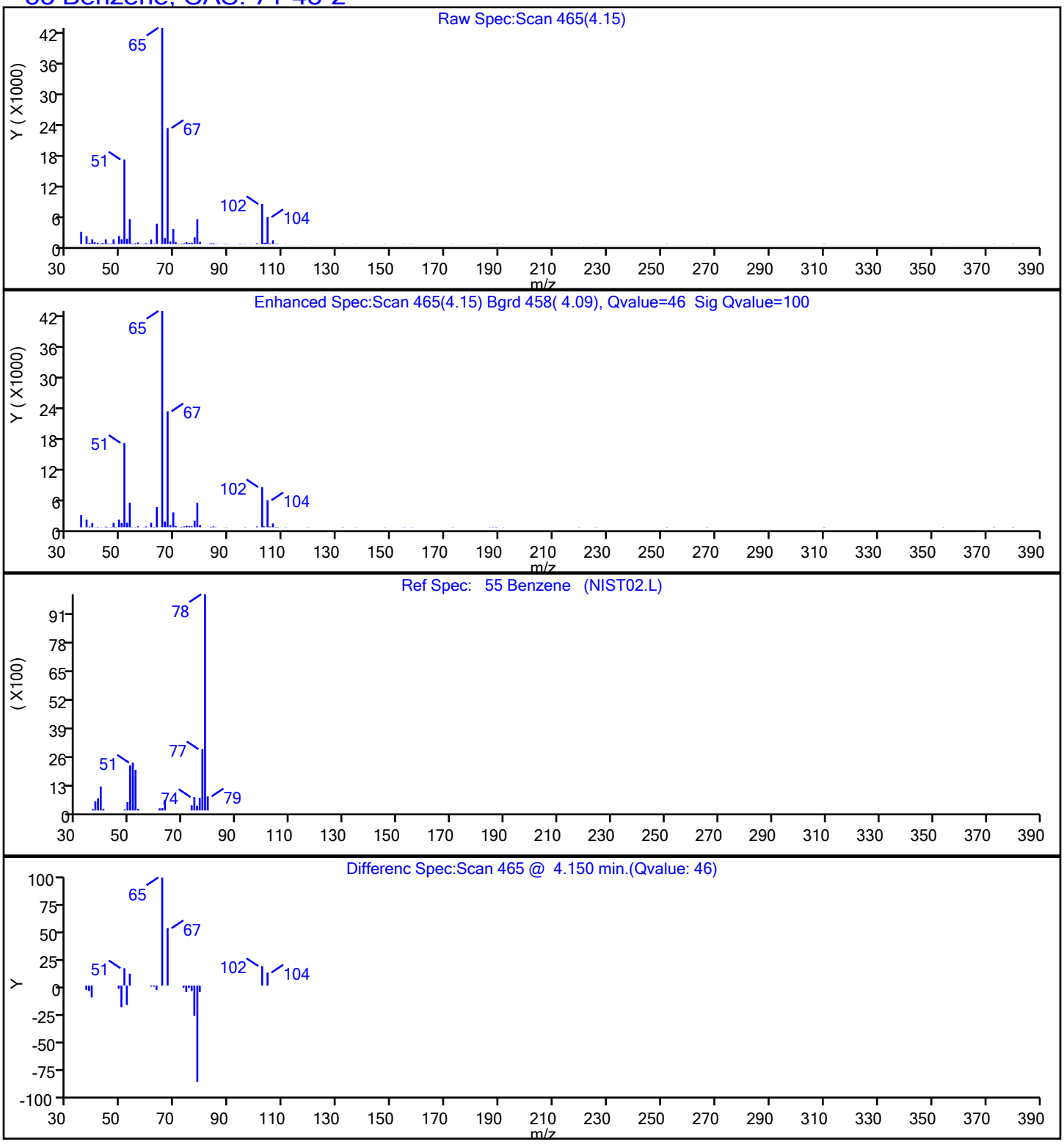
Report Date: 12-Mar-2025 19:04:26 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45203.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 17:32:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | 460-321765-B-8 | Lab Sample ID: | 460-321765-8 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 34 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 55 Benzene, CAS: 71-43-2



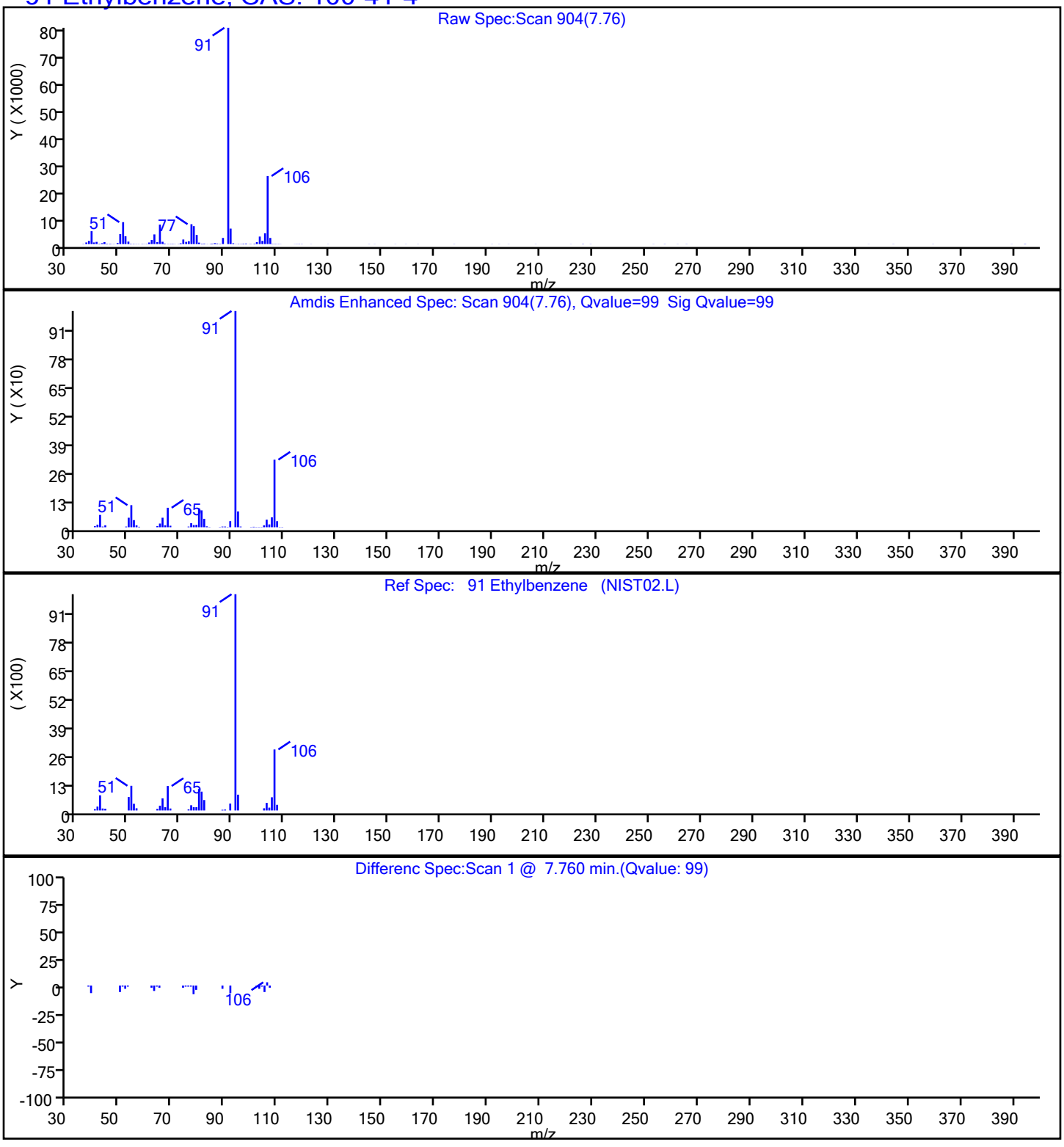
Report Date: 12-Mar-2025 19:04:26 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45203.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 17:32:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | 460-321765-B-8 | Lab Sample ID: | 460-321765-8 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 34 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

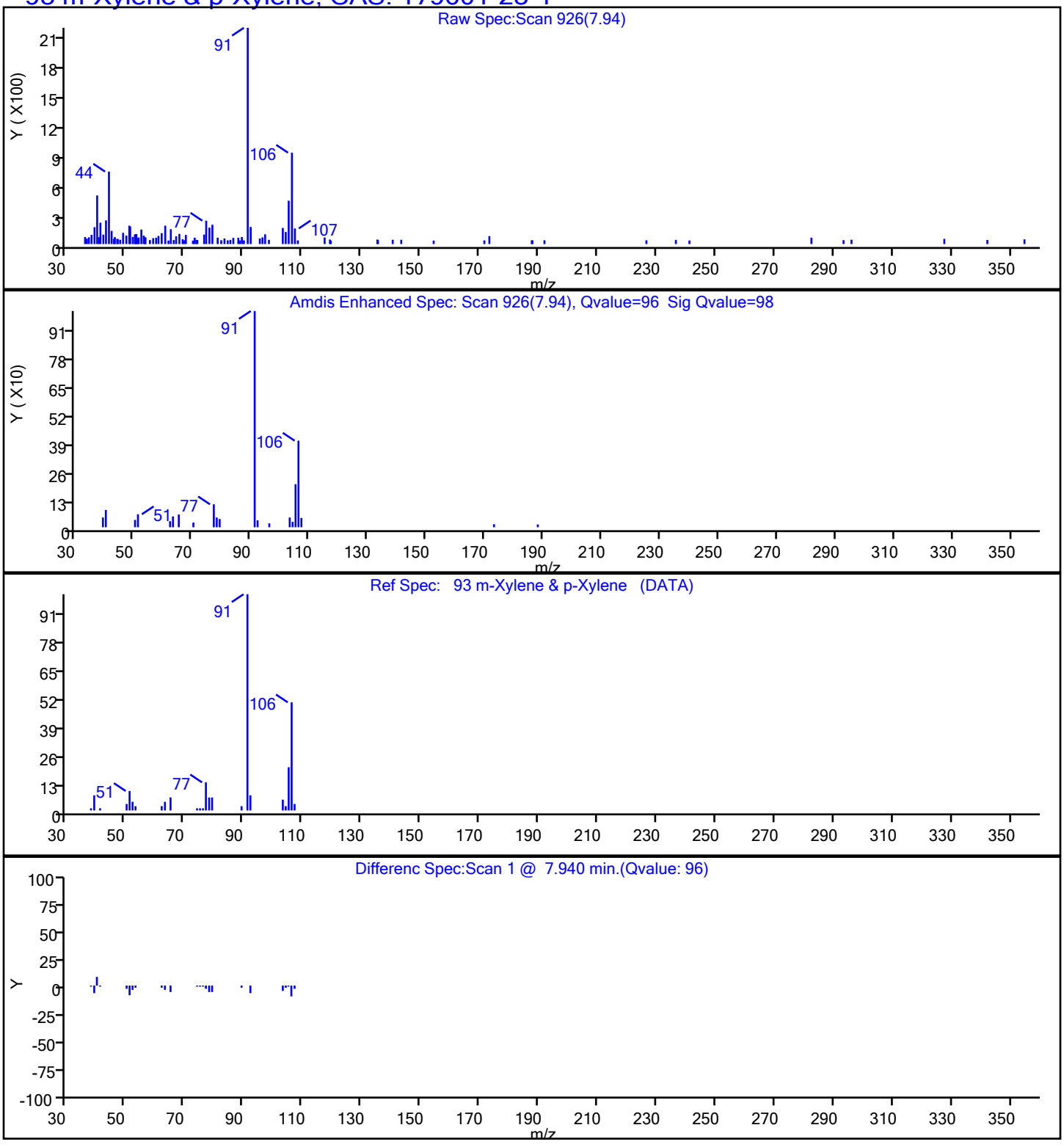
## 91 Ethylbenzene, CAS: 100-41-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45203.D
Injection Date: 10-Mar-2025 17:32:30 Instrument ID: CVOAMS6
Lims ID: 460-321765-B-8 Lab Sample ID: 460-321765-8
Client ID: DUP-01
Operator ID: ALS Bottle#: 33 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 93 m-Xylene & p-Xylene, CAS: 179601-23-1



Report Date: 12-Mar-2025 19:04:26 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45203.D

Injection Date: 10-Mar-2025 17:32:30 Instrument ID: CVOAMS6

Lims ID: 460-321765-B-8 Lab Sample ID: 460-321765-8

Client ID: DUP-01

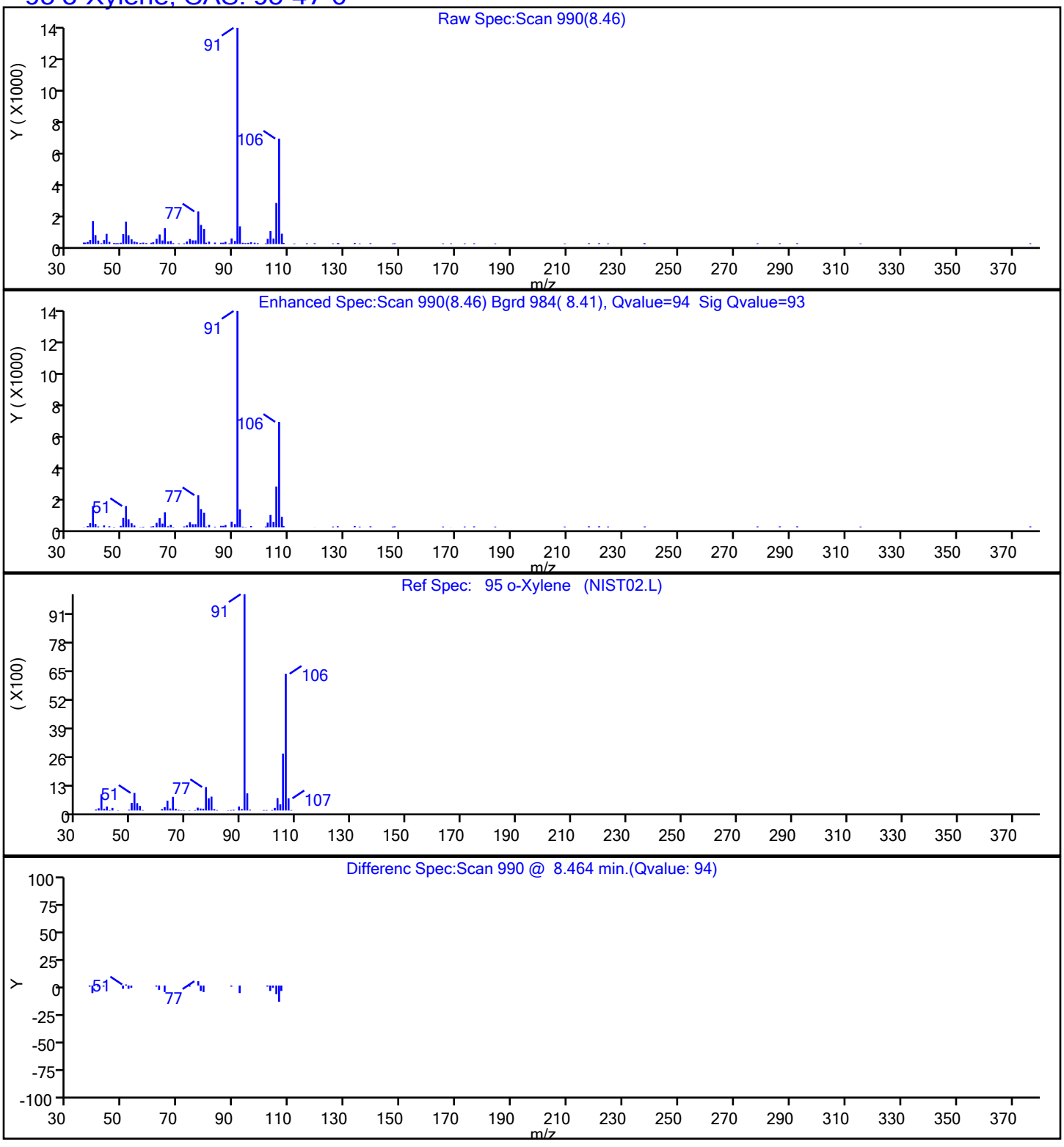
Operator ID: ALS Bottle#: 33 Worklist Smp#: 34

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

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



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

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-1016764/3 | F43685.D |
| Level 2 | STD1 460-1016764/4 | F43686.D |
| Level 3 | STD5 460-1016764/5 | F43687.D |
| Level 4 | STD20 460-1016764/6 | F43688.D |
| Level 5 | STD50 460-1016764/7 | F43689.D |
| Level 6 | STD200 460-1016764/8 | F43690.D |
| Level 7 | STD500 460-1016764/9 | F43691.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 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dichlorodifluoromethane | +++++ 0.7399 | 0.5448 0.6685 | 0.5366 | 0.5870 | 0.6737 | Ave | | 0.6251 | | | 0.1000 | 13.0 | | 20.0 | | | |
| Chloromethane | +++++ 0.6889 | 0.6795 0.6399 | 0.6012 | 0.6931 | 0.7006 | Ave | | 0.6672 | | | 0.1000 | 5.8 | | 20.0 | | | |
| Vinyl chloride | +++++ 0.5861 | 0.5265 0.5309 | 0.5109 | 0.5576 | 0.6016 | Ave | | 0.5523 | | | 0.1000 | 6.5 | | 20.0 | | | |
| Butadiene | 0.5281 0.5961 | 0.5961 0.5409 | 0.5492 | 0.5713 | 0.6352 | Ave | | 0.5739 | | | | 6.6 | | 20.0 | | | |
| Bromomethane | +++++ 0.3501 | 0.3951 0.3037 | 0.3670 | 0.4177 | 0.3935 | Ave | | 0.3712 | | | 0.1000 | 10.9 | | 20.0 | | | |
| Chloroethane | +++++ 0.3449 | 0.4297 0.3017 | 0.3367 | 0.3860 | 0.3878 | Ave | | 0.3645 | | | 0.1000 | 12.5 | | 20.0 | | | |
| Dichlorofluoromethane | +++++ 1.0155 | 1.1278 0.8688 | 0.9965 | 1.1460 | 1.1632 | Ave | | 1.0530 | | | | 10.8 | | 20.0 | | | |
| Trichlorofluoromethane | +++++ 0.7431 | 0.5871 0.6237 | 0.6263 | 0.7257 | 0.7891 | Ave | | 0.6825 | | | 0.1000 | 11.8 | | 20.0 | | | |
| Pentane | +++++ 0.8659 | 0.8891 0.7412 | 0.8432 | 1.0136 | 1.0618 | Ave | | 0.9025 | | | | 13.0 | | 20.0 | | | |
| Ethanol | +++++ 0.0675 | 0.0661 0.0620 | 0.0994 | 0.0916 | 0.0787 | Ave | | 0.0776 | | | | 19.5 | | 20.0 | | | |
| Ethyl ether | +++++ 0.3206 | 0.4905 0.2906 | 0.3364 | 0.3765 | 0.3746 | Ave | | 0.3649 | | | | 19.1 | | 20.0 | | | |
| 2-Methyl-1,3-butadiene | +++++ 0.3875 | 0.4564 0.3455 | 0.4117 | 0.4507 | 0.4850 | Ave | | 0.4228 | | | | 12.1 | | 20.0 | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | +++++ 0.3904 | 0.4458 0.3729 | 0.4121 | 0.4587 | 0.4904 | Ave | | 0.4284 | | | | 10.4 | | 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.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

| 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 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | +++++ 0.6560 | 0.7508 0.6169 | 0.6997 | 0.7594 | 0.8272 | Ave | | 0.7183 | | | | 10.6 | | 20.0 | | | |
| Acrolein | +++++ 8.6822 | 9.2395 8.5363 | 8.9122 | 10.573 | 9.9893 | Ave | | 9.3220 | | | | 8.6 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | +++++ 0.4839 | 0.5225 0.4482 | 0.4608 | 0.5270 | 0.5804 | Ave | | 0.5038 | | | 0.1000 | 9.8 | | 20.0 | | | |
| 1,1-Dichloroethene | +++++ 0.4626 | 0.5511 0.4234 | 0.5081 | 0.5399 | 0.5697 | Ave | | 0.5091 | | | 0.1000 | 11.1 | | 20.0 | | | |
| Acetone | +++++ 16.551 | 17.430 15.842 | 18.510 | 20.060 | 19.141 | Ave | | 17.922 | | | 0.0500 | 8.9 | | 20.0 | | | |
| Isopropyl alcohol | +++++ 2.4546 | 2.2410 1.7684 | 2.6420 | 2.8346 | 2.2240 | Ave | | 2.3608 | | | | 15.8 | | 20.0 | | | |
| Iodomethane | +++++ 0.8458 | 1.0727 0.7701 | 0.9445 | 1.0290 | 1.0791 | Ave | | 0.9569 | | | | 13.3 | | 20.0 | | | |
| Carbon disulfide | +++++ 1.4619 | 1.7765 1.3314 | 1.6111 | 1.7644 | 1.9013 | Ave | | 1.6411 | | | 0.1000 | 13.1 | | 20.0 | | | |
| Methyl acetate | +++++ 33.923 | 43.398 38.443 | 42.931 | 48.965 | 44.234 | Ave | | 41.982 | | | 0.0500 | 12.3 | | 20.0 | | | |
| 3-Chloro-1-propene | +++++ 0.8057 | 0.8891 0.7455 | 0.8200 | 0.9231 | 0.9400 | Ave | | 0.8539 | | | | 8.9 | | 20.0 | | | |
| Cyclopentene | +++++ 0.9145 | 1.1340 0.8134 | 1.0173 | 1.0890 | 1.1731 | Ave | | 1.0235 | | | | 13.5 | | 20.0 | | | |
| Acetonitrile | +++++ 7.1529 | 6.4504 5.1844 | 7.0860 | 7.4660 | 7.0834 | Ave | | 6.7372 | | | | 12.3 | | 20.0 | | | |
| Methylene Chloride | +++++ 0.5396 | 0.6824 0.4861 | 0.5637 | 0.6346 | 0.6533 | Ave | | 0.5933 | | | 0.1000 | 12.7 | | 20.0 | | | |
| 2-Methyl-2-propanol | +++++ 5.0354 | 4.5057 4.5466 | 4.9619 | 5.7931 | 5.4680 | Ave | | 5.0518 | | | | 10.0 | | 20.0 | | | |
| Methyl tert-butyl ether | +++++ 1.3423 | 1.4775 1.2169 | 1.3653 | 1.5244 | 1.5441 | Ave | | 1.4118 | | | 0.1000 | 8.9 | | 20.0 | | | |
| trans-1,2-Dichloroethene | +++++ 0.4959 | 0.5889 0.4469 | 0.5297 | 0.5922 | 0.5975 | Ave | | 0.5419 | | | 0.1000 | 11.4 | | 20.0 | | | |
| Acrylonitrile | 0.1345 0.1396 | 0.1507 0.1264 | 0.1475 | 0.1660 | 0.1688 | Ave | | 0.1476 | | | | 10.6 | | 20.0 | | | |
| Hexane | +++++ 0.2825 | 0.2627 0.2676 | 0.2790 | 0.3166 | 0.3492 | Ave | | 0.2929 | | | | 11.4 | | 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.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

| 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 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Isopropyl ether | +++++ 1.3275 | 1.4400 1.2003 | 1.2968 | 1.4883 | 1.5051 | Ave | | 1.3763 | | | | 8.8 | | 20.0 | | | |
| Vinyl acetate | +++++ 0.0725 | 0.0898 0.0719 | 0.0742 | 0.0844 | 0.0820 | Ave | | 0.0791 | | | | 9.3 | | 20.0 | | | |
| 1,1-Dichloroethane | +++++ 0.8541 | 0.9625 0.7762 | 0.8940 | 0.9874 | 1.0061 | Ave | | 0.9134 | | | 0.2000 | 9.7 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | +++++ 0.4157 | 0.4751 0.3828 | 0.4242 | 0.4648 | 0.4862 | Ave | | 0.4415 | | | | 9.1 | | 20.0 | | | |
| Tert-butyl ethyl ether | +++++ 1.4740 | 1.4283 1.3138 | 1.4445 | 1.6051 | 1.6655 | Ave | | 1.4886 | | | | 8.6 | | 20.0 | | | |
| 2,2-Dichloropropane | +++++ 0.1552 | 0.1834 0.1319 | 0.1556 | 0.1845 | 0.1867 | Ave | | 0.1662 | | | | 13.4 | | 20.0 | | | |
| cis-1,2-Dichloroethene | +++++ 0.5305 | 0.6036 0.4818 | 0.5599 | 0.6132 | 0.6293 | Ave | | 0.5697 | | | 0.1000 | 9.9 | | 20.0 | | | |
| Ethyl acetate | +++++ 5.4028 | 8.4523 5.9360 | 6.2531 | 7.2715 | 6.7881 | Ave | | 6.6840 | | | | 16.2 | | 20.0 | | | |
| 2-Butanone (MEK) | +++++ 0.4481 | 0.5858 0.4395 | 0.4601 | 0.5191 | 0.5282 | Ave | | 0.4968 | | | 0.0500 | 11.5 | | 20.0 | | | |
| Methyl acrylate | +++++ 0.3222 | 0.4954 0.3372 | 0.4700 | 0.4978 | 0.4576 | Ave | | 0.4300 | | | | 18.4 | | 20.0 | | | |
| Propionitrile | +++++ 7.7025 | 8.0903 8.0572 | 8.8827 | 10.024 | 9.7381 | Ave | | 8.7491 | | | | 11.0 | | 20.0 | | | |
| Chlorobromomethane | +++++ 0.2481 | 0.2911 0.2239 | 0.2753 | 0.2939 | 0.2962 | Ave | | 0.2714 | | | | 10.8 | | 20.0 | | | |
| Tetrahydrofuran | +++++ 18.744 | 23.951 20.007 | 22.715 | 25.390 | 23.408 | Ave | | 22.369 | | | | 11.2 | | 20.0 | | | |
| Methacrylonitrile | +++++ 0.1394 | 0.1623 0.1279 | 0.1506 | 0.1707 | 0.1726 | Ave | | 0.1539 | | | | 11.6 | | 20.0 | | | |
| Chloroform | +++++ 0.8038 | 0.9340 0.7363 | 0.8819 | 0.9536 | 0.9607 | Ave | | 0.8784 | | | 0.2000 | 10.3 | | 20.0 | | | |
| Cyclohexane | +++++ 0.6719 | 0.6855 0.6200 | 0.6678 | 0.7472 | 0.8130 | Ave | | 0.7009 | | | 0.1000 | 9.8 | | 20.0 | | | |
| 1,1,1-Trichloroethane | +++++ 0.7041 | 0.8758 0.6462 | 0.7442 | 0.8089 | 0.8431 | Ave | | 0.7704 | | | 0.1000 | 11.4 | | 20.0 | | | |
| Carbon tetrachloride | +++++ 0.6130 | 0.6459 0.5798 | 0.5897 | 0.6427 | 0.7140 | Ave | | 0.6308 | | | 0.1000 | 7.7 | | 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.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

| 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 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1-Dichloropropene | +++++ 0.5813 | 0.6790 0.5824 | 0.6186 | 0.6762 | 0.6971 | Ave | | 0.6391 | | | | 8.1 | | 20.0 | | | |
| Isobutyl alcohol | +++++ 1.8136 | 1.8992 1.6426 | 1.9007 | 2.2077 | 1.9244 | Ave | | 1.8980 | | | | 9.7 | | 20.0 | | | |
| Isooctane | +++++ 1.7835 | 1.4018 1.5923 | 1.4600 | 1.7372 | 1.9835 | Ave | | 1.6597 | | | | 13.1 | | 20.0 | | | |
| Benzene | +++++ 2.0380 | 3.5152 +++++ | 2.9350 | 2.9901 | 2.7475 | Ave | | 2.8452 | | | 0.5000 | 18.8 | | 20.0 | | | |
| Isopropyl acetate | +++++ 0.1393 | 0.4285 0.1316 | 0.1840 | 0.1654 | 0.1619 | Lin2 | 0.2854 | 0.1410 | | | | | | | 0.9930 | | 0.9900 |
| Tert-amyl methyl ether | +++++ 1.4628 | 1.4370 1.3202 | 1.3788 | 1.5709 | 1.6453 | Ave | | 1.4692 | | | | 8.2 | | 20.0 | | | |
| 1,2-Dichloroethane | +++++ 0.5319 | 0.6257 0.5376 | 0.5777 | 0.6363 | 0.6393 | Ave | | 0.5914 | | | 0.1000 | 8.3 | | 20.0 | | | |
| n-Heptane | +++++ 0.2548 | 0.2431 0.2236 | 0.2370 | 0.2611 | 0.2845 | Ave | | 0.2507 | | | | 8.5 | | 20.0 | | | |
| n-Butanol | +++++ 1.4580 | 1.3652 1.4922 | 1.3830 | 1.6873 | 1.5964 | Ave | | 1.4970 | | | | 8.3 | | 20.0 | | | |
| Trichloroethene | +++++ 0.4372 | 0.5117 0.4565 | 0.4826 | 0.5213 | 0.5354 | Ave | | 0.4908 | | | 0.2000 | 7.9 | | 20.0 | | | |
| Ethyl acrylate | +++++ 1.0173 | 0.9516 1.0183 | 0.8996 | 1.0665 | 1.1544 | Ave | | 1.0180 | | | | 8.7 | | 20.0 | | | |
| Methylcyclohexane | +++++ 0.8038 | 0.7696 0.7454 | 0.7155 | 0.8605 | 0.9379 | Ave | | 0.8055 | | | 0.1000 | 10.2 | | 20.0 | | | |
| 1,2-Dichloropropane | +++++ 0.4087 | 0.4304 0.4303 | 0.4313 | 0.4688 | 0.4918 | Ave | | 0.4435 | | | 0.1000 | 6.9 | | 20.0 | | | |
| Methyl methacrylate | +++++ 0.0927 | 0.0853 0.0953 | 0.0741 | 0.0991 | 0.1056 | Ave | | 0.0920 | | | | 12.0 | | 20.0 | | | |
| 1,4-Dioxane | +++++ 1.4203 | 1.8876 +++++ | 2.0184 | 1.9815 | 1.9125 | Ave | | 1.8441 | | | | 13.2 | | 20.0 | | | |
| n-Propyl acetate | +++++ 0.4274 | 0.4081 0.4414 | 0.3594 | 0.4100 | 0.4770 | Ave | | 0.4205 | | | | 9.3 | | 20.0 | | | |
| Dibromomethane | +++++ 0.2693 | 0.3272 0.2779 | 0.2925 | 0.3162 | 0.3246 | Ave | | 0.3013 | | | | 8.2 | | 20.0 | | | |
| Dichlorobromomethane | +++++ 0.5629 | 0.5583 0.5936 | 0.5348 | 0.6168 | 0.6454 | Ave | | 0.5853 | | | 0.2000 | 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.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

| 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 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 2-Chloroethyl vinyl ether | +++++ 0.2161 | 0.1990 0.2421 | 0.1839 | 0.2105 | 0.2312 | Ave | | 0.2138 | | | | 9.9 | | 20.0 | | | |
| 2-Nitropropane | +++++ 0.0896 | 0.1061 0.0951 | 0.0810 | 0.0859 | 0.0976 | Ave | | 0.0926 | | | | 9.7 | | 20.0 | | | |
| Epichlorohydrin | 4.3533 5.3523 | 5.2852 6.0162 | 5.3927 | 6.4584 | 6.4635 | Ave | | 5.6174 | | | | 13.4 | | 20.0 | | | |
| cis-1,3-Dichloropropene | +++++ 0.8756 | 1.0526 0.9220 | 1.0319 | 1.1281 | 1.1079 | Ave | | 1.0197 | | | 0.2000 | 9.9 | | 20.0 | | | |
| 4-Methyl-2-pentanone (MIBK) | +++++ 3.9263 | 3.9402 3.7483 | 3.9237 | 4.4679 | 4.5635 | Ave | | 4.0950 | | | 0.0500 | 8.2 | | 20.0 | | | |
| Toluene | +++++ 2.0900 | 3.1784 2.0501 | 2.6044 | 2.7699 | 2.7352 | Ave | | 2.5713 | | | 0.4000 | 16.9 | | 20.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.7400 | 0.8125 0.8131 | 0.7875 | 0.8793 | 0.8867 | Ave | | 0.8199 | | | 0.1000 | 6.8 | | 20.0 | | | |
| Ethyl methacrylate | +++++ 0.6378 | 0.7496 0.6622 | 0.7030 | 0.7660 | 0.7835 | Ave | | 0.7170 | | | | 8.2 | | 20.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.3751 | 0.4484 0.3975 | 0.4306 | 0.4641 | 0.4586 | Ave | | 0.4290 | | | 0.1000 | 8.3 | | 20.0 | | | |
| Tetrachloroethene | +++++ 0.5180 | 0.7894 0.5231 | 0.6545 | 0.6637 | 0.6692 | Ave | | 0.6363 | | | 0.2000 | 16.1 | | 20.0 | | | |
| 1,3-Dichloropropane | +++++ 0.7333 | 0.8895 0.7929 | 0.7960 | 0.8778 | 0.8843 | Ave | | 0.8290 | | | | 7.8 | | 20.0 | | | |
| 2-Hexanone | +++++ 2.8365 | 2.9084 2.7558 | 2.7908 | 3.0716 | 3.1478 | Ave | | 2.9185 | | | 0.0500 | 5.4 | | 20.0 | | | |
| n-Butyl acetate | +++++ 0.7012 | 0.9525 0.7094 | 0.8503 | 0.8925 | 0.8619 | Ave | | 0.8280 | | | | 12.3 | | 20.0 | | | |
| Chlorodibromomethane | +++++ 0.5241 | 0.5792 0.5638 | 0.5400 | 0.5993 | 0.6087 | Ave | | 0.5692 | | | 0.1000 | 5.8 | | 20.0 | | | |
| Ethylene Dibromide | +++++ 0.4737 | 0.5776 0.4976 | 0.5334 | 0.5690 | 0.5761 | Ave | | 0.5379 | | | 0.1000 | 8.2 | | 20.0 | | | |
| Chlorobenzene | +++++ 1.5305 | 1.7830 1.5156 | 1.6613 | 1.7855 | 1.8383 | Ave | | 1.6857 | | | 0.5000 | 8.2 | | 20.0 | | | |
| Ethylbenzene | +++++ 0.7651 | 1.0410 0.7518 | 0.8599 | 0.9400 | 0.9544 | Ave | | 0.8854 | | | 0.1000 | 12.9 | | 20.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.5869 | 0.7678 0.5509 | 0.6900 | 0.7569 | 0.7426 | Ave | | 0.6825 | | | | 13.6 | | 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.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

| 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 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| m-Xylene & p-Xylene | +++++ 0.9630 | 1.3166 0.9384 | 1.0795 | 1.1628 | 1.1893 | Ave | | 1.1083 | | | 0.1000 | 13.0 | | 20.0 | | | |
| n-Butyl acrylate | +++++ 0.4854 | 0.5929 0.4447 | 0.5742 | 0.6132 | 0.5897 | Ave | | 0.5500 | | | | 12.4 | | 20.0 | | | |
| o-Xylene | +++++ 0.9927 | 1.4606 0.8874 | 1.2551 | 1.3086 | 1.2887 | Ave | | 1.1988 | | | 0.3000 | 17.9 | | 20.0 | | | |
| Styrene | +++++ 1.6146 | 1.8377 1.5012 | 1.7524 | 1.9305 | 1.9861 | Ave | | 1.7704 | | | 0.3000 | 10.5 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | +++++ 1.7764 | 1.8358 1.8719 | 1.8315 | 2.0750 | 2.1323 | Ave | | 1.9205 | | | | 7.6 | | 20.0 | | | |
| Bromoform | +++++ 0.3379 | 0.3553 0.3463 | 0.3274 | 0.3660 | 0.3800 | Ave | | 0.3522 | | | 0.1000 | 5.4 | | 20.0 | | | |
| Isopropylbenzene | +++++ 2.2769 | 3.3713 +++++ | 3.0540 | 3.2330 | 3.1981 | Ave | | 3.0267 | | | 0.1000 | 14.3 | | 20.0 | | | |
| Bromobenzene | +++++ 1.1463 | 1.1936 1.2724 | 1.0899 | 1.2551 | 1.3318 | Ave | | 1.2149 | | | | 7.3 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 1.0670 | 1.0948 1.2468 | 1.0311 | 1.1896 | 1.2487 | Ave | | 1.1463 | | | 0.3000 | 8.2 | | 20.0 | | | |
| N-Propylbenzene | +++++ 4.7547 | 5.5715 4.6656 | 5.2700 | 5.7919 | 6.2172 | Ave | | 5.3785 | | | | 11.2 | | 20.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.2980 | 0.4030 0.3502 | 0.3066 | 0.3300 | 0.3532 | Ave | | 0.3402 | | | | 11.2 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | +++++ 0.2570 | 0.1912 +++++ | 0.1567 | 0.2172 | 0.2502 | Ave | | 0.2144 | | | | 19.5 | | 20.0 | | | |
| 2-Chlorotoluene | +++++ 3.4962 | 4.2968 3.4672 | 3.8466 | 4.2392 | 4.5336 | Ave | | 3.9799 | | | | 11.2 | | 20.0 | | | |
| 4-Ethyltoluene | +++++ 3.9667 | 4.7521 3.7438 | 4.3770 | 4.8652 | 5.2228 | Ave | | 4.4879 | | | | 12.6 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 3.5791 | 4.4490 3.4556 | 4.1781 | 4.6556 | 4.8686 | Ave | | 4.1977 | | | | 13.7 | | 20.0 | | | |
| 4-Chlorotoluene | +++++ 3.3837 | 3.8357 3.3833 | 3.4831 | 3.8437 | 4.1122 | Ave | | 3.6736 | | | | 8.2 | | 20.0 | | | |
| Butyl Methacrylate | +++++ 1.5270 | 1.6804 1.4191 | 1.6054 | 1.8565 | 1.9319 | Ave | | 1.6701 | | | | 11.7 | | 20.0 | | | |
| tert-Butylbenzene | +++++ 3.0353 | 3.7693 2.9422 | 3.5832 | 4.0136 | 4.1871 | Ave | | 3.5885 | | | | 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.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

| 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 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2,4-Trimethylbenzene | +++++ 3.7206 | 4.8288 3.4578 | 4.3165 | 4.9236 | 4.9432 | Ave | | 4.3651 | | | | 14.9 | | 20.0 | | | |
| sec-Butylbenzene | +++++ 4.3833 | 5.6172 4.0084 | 5.4320 | 5.9609 | 6.2139 | Ave | | 5.2693 | | | | 16.7 | | 20.0 | | | |
| 4-Isopropyltoluene | +++++ 3.7783 | 5.0244 3.2060 | 4.7023 | 5.2607 | 5.3827 | Ave | | 4.5591 | | | | 19.2 | | 20.0 | | | |
| 1,3-Dichlorobenzene | +++++ 2.0536 | 2.8389 1.8410 | 2.4361 | 2.6860 | 2.7028 | Ave | | 2.4264 | | | 0.6000 | 16.4 | | 20.0 | | | |
| 1,4-Dichlorobenzene | +++++ 2.1799 | 2.8067 1.9927 | 2.5667 | 2.7882 | 2.8315 | Ave | | 2.5276 | | | 0.5000 | 14.2 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | +++++ 3.9325 | 5.2950 3.3725 | 4.8338 | 5.3725 | 5.3636 | Ave | | 4.6950 | | | | 18.1 | | 20.0 | | | |
| Benzyl chloride | +++++ 2.5624 | 2.3344 2.4538 | 2.3107 | 2.7292 | 2.8468 | Ave | | 2.5395 | | | | 8.5 | | 20.0 | | | |
| Indan | +++++ 3.8304 | 5.0251 3.2704 | 4.5831 | 5.0187 | 5.0555 | Ave | | 4.4639 | | | | 16.8 | | 20.0 | | | |
| p-Diethylbenzene | +++++ 2.3955 | 3.1383 2.0071 | 2.9684 | 3.2817 | 3.2992 | Ave | | 2.8484 | | | | 18.6 | | 20.0 | | | |
| n-Butylbenzene | +++++ 2.0092 | 2.8834 1.7306 | 2.6176 | 2.7500 | 2.7709 | Ave | | 2.4603 | | | | 19.2 | | 20.0 | | | |
| 1,2-Dichlorobenzene | +++++ 2.0953 | 2.8159 1.8994 | 2.5490 | 2.7705 | 2.7266 | Ave | | 2.4761 | | | 0.4000 | 15.6 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | +++++ 3.6562 | 5.2921 +++++ | 4.9228 | 5.3942 | 5.2662 | Ave | | 4.9063 | | | | 14.7 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | +++++ 0.2349 | 0.2791 0.2278 | 0.2341 | 0.2756 | 0.2877 | Ave | | 0.2565 | | | 0.0500 | 10.5 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | +++++ 1.4851 | 2.4196 +++++ | 2.1578 | 2.2821 | 2.1806 | Ave | | 2.1050 | | | | 17.2 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | +++++ 1.3084 | 1.9123 +++++ | 1.8194 | 1.9506 | 1.8579 | Ave | | 1.7697 | | | 0.2000 | 14.8 | | 20.0 | | | |
| Hexachlorobutadiene | +++++ 0.5944 | 0.9203 +++++ | 0.7723 | 0.8092 | 0.7610 | Ave | | 0.7714 | | | | 15.2 | | 20.0 | | | |
| Naphthalene | +++++ 2.8839 | 3.9736 +++++ | 3.8119 | 4.1808 | 4.0861 | Ave | | 3.7873 | | | | 13.8 | | 20.0 | | | |
| 1,2,3-Trichlorobenzene | +++++ 1.0668 | 1.6269 +++++ | 1.5109 | 1.6395 | 1.5300 | Ave | | 1.4748 | | | | 15.9 | | 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.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

| 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 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromofluoromethane (Surr) | 0.2803 0.2854 | 0.2809 0.2635 | 0.2798 | 0.2745 | 0.2815 | Ave | | 0.2780 | | | | 2.6 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.2994 0.3103 | 0.2964 0.3199 | 0.2988 | 0.2966 | 0.2872 | Ave | | 0.3012 | | | | 3.5 | | 20.0 | | | |
| Toluene-d8 (Surr) | 1.4297 1.2614 | 1.4391 1.2618 | 1.4057 | 1.3749 | 1.3380 | Ave | | 1.3587 | | | | 5.5 | | 20.0 | | | |
| 4-Bromofluorobenzene | 0.4479 0.4233 | 0.4536 0.4179 | 0.4363 | 0.4206 | 0.4244 | Ave | | 0.4320 | | | | 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.: 460-321765-1 | Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 | Calibration End Date: 01/16/2025 06:11 | Calibration ID: 99858

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-1016764/3 | F43685.D |
| Level 2 | STD1 460-1016764/4 | F43686.D |
| Level 3 | STD5 460-1016764/5 | F43687.D |
| Level 4 | STD20 460-1016764/6 | F43688.D |
| Level 5 | STD50 460-1016764/7 | F43689.D |
| Level 6 | STD200 460-1016764/8 | F43690.D |
| Level 7 | STD500 460-1016764/9 | F43691.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Dichlorodifluoromethane | FB | Ave | +++++<br>1465800 | 5266<br>3586280 | 28673 | 107689 | 296595 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Chloromethane | FB | Ave | +++++<br>1364695 | 6568<br>3432424 | 32126 | 127153 | 308416 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Vinyl chloride | FB | Ave | +++++<br>1161111 | 5089<br>2847990 | 27300 | 102294 | 264833 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Butadiene | FB | Ave | 1469<br>1180929 | 5762<br>2901561 | 29348 | 104809 | 279633 | 0.250<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Bromomethane | FB | Ave | +++++<br>693641 | 3819<br>1628952 | 19610 | 76617 | 173254 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Chloroethane | FB | Ave | +++++<br>683262 | 4153<br>1618582 | 17992 | 70804 | 170722 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dichlorofluoromethane | FB | Ave | +++++<br>2011825 | 10901<br>4660686 | 53250 | 210230 | 512091 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Trichlorofluoromethane | FB | Ave | +++++<br>1472217 | 5675<br>3345866 | 33465 | 133124 | 347410 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Pentane | BUT | Ave | +++++<br>297558 | 1389<br>699575 | 7556 | 32175 | 83325 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| Ethanol | TBAd9 | Ave | +++++<br>36356 | 157<br>81531 | 1273 | 3994 | 9001 | +++++<br>8000 | 40.0<br>20000 | 200 | 800 | 2000 |
| Ethyl ether | FB | Ave | +++++<br>635160 | 4741<br>1559095 | 17976 | 69074 | 164912 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Methyl-1,3-butadiene | FB | Ave | +++++<br>767661 | 4411<br>1853569 | 22002 | 82682 | 213501 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | +++++<br>773424 | 4309<br>2000414 | 22019 | 84144 | 215882 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | +++++<br>1299576 | 7257<br>3309283 | 37390 | 139305 | 364187 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acrolein | TBAd9 | Ave | +++++<br>116930 | 2195<br>224366 | 11419 | 23043 | 57092 | +++++<br>200 | 4.00<br>400 | 20.0 | 40.0 | 100 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 | Calibration End Date: 01/16/2025 06:11 | Calibration ID: 99858

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | +++++<br>958737 | 5050<br>2404358 | 24625 | 96667 | 255504 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1-Dichloroethene | FB | Ave | +++++<br>916422 | 5327<br>2271364 | 27149 | 99034 | 250802 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acetone | TBAd9 | Ave | +++++<br>1114532 | 5176<br>2602412 | 29645 | 109300 | 273487 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| Isopropyl alcohol | TBAd9 | Ave | +++++<br>330581 | 1331<br>580983 | 8463 | 30890 | 63554 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Iodomethane | FB | Ave | +++++<br>1675629 | 10369<br>4131103 | 50469 | 188769 | 475056 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Carbon disulfide | FB | Ave | +++++<br>2896233 | 17171<br>7141973 | 86091 | 323661 | 837031 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Methyl acetate | TBAd9 | Ave | +++++<br>913739 | 5155<br>2526043 | 27503 | 106719 | 252813 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| 3-Chloro-1-propene | FB | Ave | +++++<br>1596108 | 8594<br>3999188 | 43819 | 169336 | 413818 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Cyclopentene | FB | Ave | +++++<br>1811652 | 10961<br>4363207 | 54358 | 199771 | 516450 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acetonitrile | TBAd9 | Ave | +++++<br>963338 | 3831<br>1703295 | 22698 | 81360 | 202418 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Methylene Chloride | FB | Ave | +++++<br>1068953 | 6596<br>2607407 | 30121 | 116408 | 287591 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Methyl-2-propanol | TBAd9 | Ave | +++++<br>678164 | 2676<br>1493761 | 15894 | 63130 | 156255 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Methyl tert-butyl ether | FB | Ave | +++++<br>2659221 | 14281<br>6528093 | 72956 | 279647 | 679771 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| trans-1,2-Dichloroethene | FB | Ave | +++++<br>982514 | 5692<br>2397395 | 28303 | 108637 | 263063 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acrylonitrile | FB | Ave | 2992<br>2765526 | 14568<br>6781267 | 78792 | 304483 | 742937 | 2.00<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Hexane | FB | Ave | +++++<br>559589 | 2539<br>1435703 | 14910 | 58074 | 153725 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Isopropyl ether | FB | Ave | +++++<br>2629844 | 13919<br>6438674 | 69298 | 273013 | 662597 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Vinyl acetate | FB | Ave | +++++<br>287185 | 1736<br>771914 | 7933 | 30970 | 72187 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| 1,1-Dichloroethane | FB | Ave | +++++<br>1691997 | 9303<br>4163845 | 47772 | 181132 | 442909 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Chloro-1,3-butadiene | FB | Ave | +++++<br>823479 | 4592<br>2053556 | 22668 | 85273 | 214067 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 | Calibration End Date: 01/16/2025 06:11 | Calibration ID: 99858

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Tert-butyl ethyl ether | FB | Ave | +++++<br>2920197 | 13806<br>7047875 | 77186 | 294448 | 733243 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2,2-Dichloropropane | FB | Ave | +++++<br>307470 | 1773<br>707296 | 8317 | 33852 | 82200 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| cis-1,2-Dichloroethene | FB | Ave | +++++<br>1051018 | 5834<br>2584648 | 29921 | 112493 | 277044 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethyl acetate | TBAd9 | Ave | +++++<br>145527 | 1004<br>390049 | 4006 | 15848 | 38796 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| 2-Butanone (MEK) | BUT | Ave | +++++<br>384971 | 2288<br>1037081 | 10306 | 41192 | 103634 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| Methyl acrylate | CBNZd5 | Ave | +++++<br>510063 | 2773<br>1476670 | 15219 | 60044 | 144564 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Propionitrile | TBAd9 | Ave | +++++<br>1037352 | 4805<br>2647153 | 28453 | 109235 | 278280 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Chlorobromomethane | FB | Ave | +++++<br>491437 | 2814<br>1201125 | 14709 | 53920 | 130421 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Tetrahydrofuran | TBAd9 | Ave | +++++<br>504871 | 2845<br>1314645 | 14552 | 55338 | 133786 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| Methacrylonitrile | FB | Ave | +++++<br>2762287 | 15685<br>6862945 | 80494 | 313160 | 759879 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Chloroform | FB | Ave | +++++<br>1592442 | 9028<br>3949597 | 47123 | 174922 | 422935 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Cyclohexane | FB | Ave | +++++<br>1331051 | 6626<br>3325909 | 35683 | 137069 | 357917 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,1-Trichloroethane | FB | Ave | +++++<br>1394986 | 8465<br>3466233 | 39769 | 148388 | 371180 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Carbon tetrachloride | FB | Ave | +++++<br>1214510 | 6243<br>3110252 | 31512 | 117893 | 314316 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1-Dichloropropene | FB | Ave | +++++<br>1151549 | 6563<br>3124165 | 33054 | 124050 | 306906 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Isobutyl alcohol | TBAd9 | Ave | +++++<br>610623 | 2820<br>1349191 | 15221 | 60146 | 137480 | +++++<br>5000 | 25.0<br>12500 | 125 | 500 | 1250 |
| Isooctane | FB | Ave | +++++<br>3533216 | 13550<br>8541750 | 78015 | 318677 | 873214 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Benzene | CBNZd5 | Ave | +++++<br>3226767 | 19677<br>+++++ | 95048 | 360676 | 867926 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| Isopropyl acetate | FB | Lin2 | +++++<br>276047 | 4142<br>705844 | 9830 | 30336 | 71289 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Tert-amyl methyl ether | FB | Ave | +++++ | 13890 | 73676 | 288165 | 724349 | +++++ | 1.00 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 | Calibration End Date: 01/16/2025 06:11 | Calibration ID: 99858

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| | | | 2897884 | 7081804 | | | | 200 | 500 | | | |
| 1,2-Dichloroethane | FB | Ave | +++++<br>1053795 | 6048<br>2883696 | 30872 | 116730 | 281447 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Heptane | FB | Ave | +++++<br>504817 | 2350<br>1199369 | 12662 | 47894 | 125270 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Butanol | TBAd9 | Ave | +++++<br>490907 | 2027<br>1225643 | 11075 | 45968 | 114049 | +++++<br>5000 | 25.0<br>12500 | 125 | 500 | 1250 |
| Trichloroethene | FB | Ave | +++++<br>866060 | 4946<br>2448701 | 25790 | 95626 | 235719 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethyl acrylate | FB | Ave | +++++<br>2015415 | 9198<br>5462353 | 48072 | 195646 | 508225 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Methylcyclohexane | FB | Ave | +++++<br>1592376 | 7439<br>3998633 | 38235 | 157859 | 412901 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichloropropane | FB | Ave | +++++<br>809628 | 4160<br>2308006 | 23045 | 86003 | 216529 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Methyl methacrylate | FB | Ave | +++++<br>367286 | 1649<br>1022543 | 7916 | 36357 | 92974 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| 1,4-Dioxane | DXE | Ave | +++++<br>141209 | 1757<br>+++++ | 3966 | 14038 | 34574 | +++++<br>4000 | 50.0<br>+++++ | 100 | 400 | 1000 |
| n-Propyl acetate | FB | Ave | +++++<br>846636 | 3945<br>2367569 | 19205 | 75204 | 209983 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dibromomethane | FB | Ave | +++++<br>533523 | 3163<br>1490895 | 15629 | 58005 | 142894 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dichlorobromomethane | FB | Ave | +++++<br>1115156 | 5396<br>3184435 | 28579 | 113148 | 284130 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Chloroethyl vinyl ether | FB | Ave | +++++<br>429224 | 1928<br>1301951 | 9849 | 38711 | 102043 | +++++<br>200 | 1.00<br>501 | 5.01 | 20.0 | 50.1 |
| 2-Nitropropane | FB | Ave | +++++<br>354996 | 2052<br>1020371 | 8652 | 31527 | 85929 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| Epichlorohydrin | TBAd9 | Ave | 1564<br>1441688 | 6278<br>3953224 | 34548 | 140759 | 369411 | 5.00<br>4000 | 20.0<br>10000 | 100 | 400 | 1000 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>1386263 | 5892<br>4037335 | 33418 | 136074 | 349978 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | BUT | Ave | +++++<br>3373017 | 15389<br>8845052 | 87899 | 354555 | 895321 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| Toluene | CBNZd5 | Ave | +++++<br>3309094 | 17792<br>8977554 | 84340 | 334104 | 864056 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>1171682 | 4548<br>3560444 | 25503 | 106064 | 280108 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 | Calibration End Date: 01/16/2025 06:11 | Calibration ID: 99858

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Ethyl methacrylate | CBNZd5 | Ave | +++++ 1009847 | 4196 2899569 | 22767 | 92399 | 247508 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | +++++ 593942 | 2510 1740665 | 13944 | 55984 | 144855 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Tetrachloroethene | CBNZd5 | Ave | +++++ 820184 | 4419 2290821 | 21195 | 80052 | 211406 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,3-Dichloropropane | CBNZd5 | Ave | +++++ 1161037 | 4979 3472110 | 25778 | 105884 | 279357 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 2-Hexanone | BUT | Ave | +++++ 2436833 | 11359 6502866 | 62519 | 243750 | 617570 | +++++ 1000 | 5.00 2500 | 25.0 | 100 | 250 |
| n-Butyl acetate | CBNZd5 | Ave | +++++ 1110213 | 5332 3106451 | 27535 | 107654 | 272269 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Chlorodibromomethane | CBNZd5 | Ave | +++++ 829811 | 3242 2468799 | 17487 | 72294 | 192287 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Ethylene Dibromide | CBNZd5 | Ave | +++++ 749957 | 3233 2178796 | 17274 | 68637 | 181981 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Chlorobenzene | CBNZd5 | Ave | +++++ 2423126 | 9981 6636653 | 53798 | 215371 | 580717 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Ethylbenzene | CBNZd5 | Ave | +++++ 1211361 | 5827 3292335 | 27847 | 113382 | 301478 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,1,1,2-Tetrachloroethane | CBNZd5 | Ave | +++++ 929269 | 4298 2412259 | 22346 | 91300 | 234571 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| m-Xylene & p-Xylene | CBNZd5 | Ave | +++++ 1524765 | 7370 4109269 | 34957 | 140262 | 375708 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| n-Butyl acrylate | CBNZd5 | Ave | +++++ 768443 | 3319 1947489 | 18596 | 73962 | 186289 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| o-Xylene | CBNZd5 | Ave | +++++ 1571642 | 8176 3885873 | 40644 | 157851 | 407082 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Styrene | CBNZd5 | Ave | +++++ | 10287 | 56749 | 232866 | 627404 | +++++ | 1.00 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 Calibration End Date: 01/16/2025 06:11 Calibration ID: 99858

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| | | | 2556377 | 6573595 | | | | 200 | 500 | | | |
| Amyl acetate (mixed isomers) | DCBd4 | Ave | +++++<br>1676469 | 7584<br>4038240 | 42468 | 170805 | 422760 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Bromoform | CBNZd5 | Ave | +++++<br>535034 | 1989<br>1516521 | 10604 | 44142 | 120046 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Isopropylbenzene | CBNZd5 | Ave | +++++<br>3605023 | 18872<br>+++++ | 98900 | 389968 | 1010275 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| Bromobenzene | DCBd4 | Ave | +++++<br>1081802 | 4931<br>2744963 | 25273 | 103313 | 264060 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,2,2-Tetrachloroethane | DCBd4 | Ave | +++++<br>1006982 | 4523<br>2689801 | 23908 | 97921 | 247581 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| N-Propylbenzene | DCBd4 | Ave | +++++<br>4487206 | 23017<br>10065344 | 122201 | 476754 | 1232662 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,3-Trichloropropane | DCBd4 | Ave | +++++<br>281241 | 1665<br>755606 | 7109 | 27165 | 70029 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| trans-1,4-Dichloro-2-butene | DCBd4 | Ave | +++++<br>242503 | 790<br>+++++ | 3633 | 17876 | 49602 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| 2-Chlorotoluene | DCBd4 | Ave | +++++<br>3299488 | 17751<br>7479829 | 89194 | 348949 | 898860 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Ethyltoluene | DCBd4 | Ave | +++++<br>3743511 | 19632<br>8076694 | 101495 | 400477 | 1035520 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3,5-Trimethylbenzene | DCBd4 | Ave | +++++<br>3377713 | 18380<br>7454949 | 96882 | 383223 | 965294 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Chlorotoluene | DCBd4 | Ave | +++++<br>3193388 | 15846<br>7298896 | 80767 | 316394 | 815310 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Butyl Methacrylate | DCBd4 | Ave | +++++<br>1441097 | 6942<br>3061434 | 37227 | 152818 | 383040 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| tert-Butylbenzene | DCBd4 | Ave | +++++<br>2864545 | 15572<br>6347273 | 83087 | 330379 | 830165 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,4-Trimethylbenzene | DCBd4 | Ave | +++++<br>3511248 | 19949<br>7459661 | 100092 | 405282 | 980080 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| sec-Butylbenzene | DCBd4 | Ave | +++++<br>4136760 | 23206<br>8647401 | 125957 | 490667 | 1232024 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Isopropyltoluene | DCBd4 | Ave | +++++<br>3565764 | 20757<br>6916482 | 109038 | 433032 | 1067212 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | +++++<br>1938115 | 11728<br>3971702 | 56488 | 221095 | 535877 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | +++++<br>2057273 | 11595<br>4298873 | 59516 | 229506 | 561402 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 | Calibration End Date: 01/16/2025 06:11 | Calibration ID: 99858

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| 1,2,3-Trimethylbenzene | DCBd4 | Ave | +++++<br>3711309 | 21875<br>7275640 | 112087 | 442233 | 1063438 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Benzyl chloride | DCBd4 | Ave | +++++<br>2418236 | 9644<br>5293608 | 53580 | 224651 | 564439 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Indan | DCBd4 | Ave | +++++<br>3614874 | 20760<br>7055279 | 106274 | 413111 | 1002351 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| p-Diethylbenzene | DCBd4 | Ave | +++++<br>2260775 | 12965<br>4329987 | 68832 | 270128 | 654125 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Butylbenzene | DCBd4 | Ave | +++++<br>1896144 | 11912<br>3733532 | 60698 | 226368 | 549389 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | +++++<br>1977428 | 11633<br>4097650 | 59106 | 228054 | 540593 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,4,5-Tetramethylbenzene | DCBd4 | Ave | +++++<br>3450562 | 21863<br>+++++ | 114150 | 444024 | 1044127 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| 1,2-Dibromo-3-Chloropropane | DCBd4 | Ave | +++++<br>221697 | 1153<br>491362 | 5429 | 22689 | 57034 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3,5-Trichlorobenzene | DCBd4 | Ave | +++++<br>1401561 | 9996<br>+++++ | 50034 | 187850 | 432347 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| 1,2,4-Trichlorobenzene | DCBd4 | Ave | +++++<br>1234839 | 7900<br>+++++ | 42188 | 160562 | 368365 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| Hexachlorobutadiene | DCBd4 | Ave | +++++<br>560919 | 3802<br>+++++ | 17907 | 66610 | 150889 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| Naphthalene | DCBd4 | Ave | +++++<br>2721695 | 16416<br>+++++ | 88391 | 344142 | 810135 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| 1,2,3-Trichlorobenzene | DCBd4 | Ave | +++++<br>1006740 | 6721<br>+++++ | 35034 | 134953 | 303341 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 |
| Dibromofluoromethane (Surr) | FB | Ave | 155915<br>141338 | 135775<br>141341 | 149541 | 125879 | 123918 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 166539<br>153685 | 143235<br>171590 | 159679 | 136029 | 126435 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZd5 | Ave | 464031<br>499269 | 402774<br>552560 | 455231 | 414609 | 422680 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |
| 4-Bromofluorobenzene | CBNZd5 | Ave | 145353<br>167553 | 126958<br>182987 | 141278 | 126848 | 134071 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |

Curve Type Legend:
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1016764

SDG No.:

Instrument ID: CVOAMS6 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/16/2025 04:11 | Calibration End Date: 01/16/2025 06:11 | Calibration ID: 99858

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-1016764/3 | F43685.D |
| Level 2 | STD1 460-1016764/4 | F43686.D |
| Level 3 | STD5 460-1016764/5 | F43687.D |
| Level 4 | STD20 460-1016764/6 | F43688.D |
| Level 5 | STD50 460-1016764/7 | F43689.D |
| Level 6 | STD200 460-1016764/8 | F43690.D |
| Level 7 | STD500 460-1016764/9 | F43691.D |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Isopropyl acetate | +++++ | 1.5 | | | | | | 30 | | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 16-Jan-2025 04:11:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0185847-003
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 14:51:51 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: HVW2 Date: 16-Jan-2025 04:34:24

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 4 Butadiene | 54 | 1.488 | 1.488 | 0.000 | 89 | 1469 | 0.2500 | 0.2301 | |
| * 25 TBA-d9 (IS) | 46 | 2.548 | 2.548 | 0.000 | 100 | 71853 | 1000.0 | 1000.0 | |
| 30 Acrylonitrile | 53 | 2.778 | 2.778 | 0.000 | 99 | 2992 | 2.00 | 1.82 | |
| * 38 2-Butanone-d5 | 46 | 3.435 | 3.435 | 0.000 | 90 | 241528 | 250.0 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.838 | 3.838 | 0.000 | 95 | 155915 | 50.0 | 50.4 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.150 | 0.000 | 93 | 166539 | 50.0 | 49.7 | |
| * 61 Fluorobenzene | 96 | 4.388 | 4.388 | 0.000 | 99 | 556297 | 50.0 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 37 | 21432 | 1000.0 | 1000.0 | |
| 75 Epichlorohydrin | 57 | 5.613 | 5.613 | 0.000 | 96 | 1564 | 5.00 | 3.87 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.884 | 5.884 | 0.000 | 99 | 464031 | 50.0 | 52.6 | |
| * 89 Chlorobenzene-d5 | 117 | 7.601 | 7.601 | 0.000 | 87 | 324555 | 50.0 | 50.0 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 92 | 145353 | 50.0 | 51.8 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.836 | 9.836 | 0.000 | 96 | 242986 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00029 | Amount Added: | 0.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 0.00 | Units: uL | |
| GASES Li_00621 | Amount Added: | 2.50 | Units: uL | |
| 8260MIX1COMB_00199 | Amount Added: | 0.00 | Units: uL | |
| 14DIOXINTER_00177 | Amount Added: | 0.00 | Units: uL | |
| ACRY/EPIH MIX_00133 | Amount Added: | 20.00 | Units: uL | |
| Ethanol mix_00097 | Amount Added: | 0.00 | Units: uL | |
| MIX 2 Hi_00157 | Amount Added: | 0.00 | Units: uL | |
| MIX I Hi_00184 | Amount Added: | 0.00 | Units: uL | |
| 7 Freons Hi_00023 | Amount Added: | 0.00 | Units: uL | |
| VMTBA500_00059 | Amount Added: | 2.00 | Units: uL | |
| GAS Hi_00487 | Amount Added: | 0.00 | Units: uL | |
| VOA6IS/SURR_00078 | Amount Added: | 5.00 | Units: uL | Run Reagent |

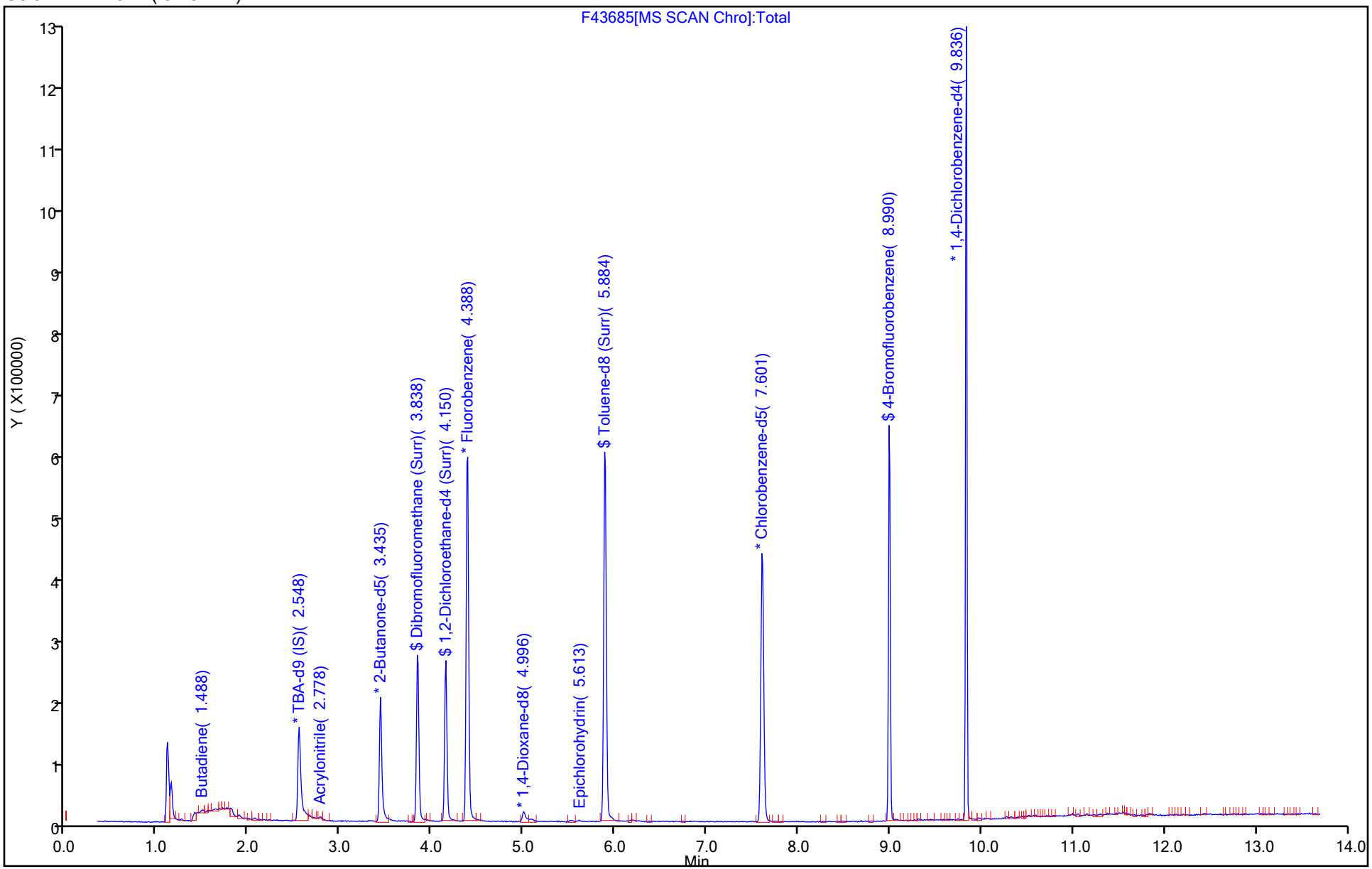
Report Date: 17-Jan-2025 14:51:51 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Jan-2025 04:11:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | STD7 | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



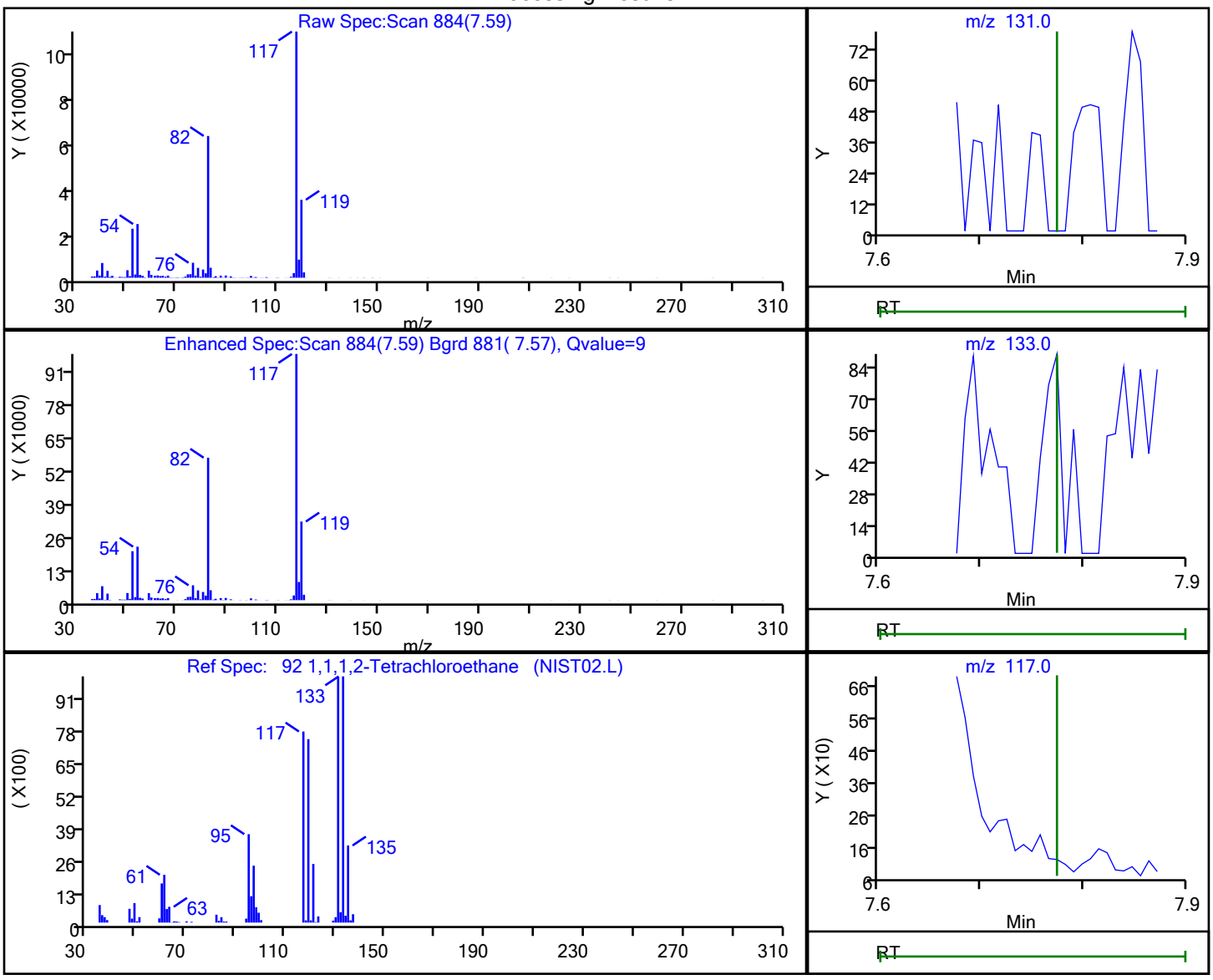
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.59 | 131.00 | 17 | 0.003837 |
| 7.60 | 133.00 | 258 | |
| 7.60 | 117.00 | 324593 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

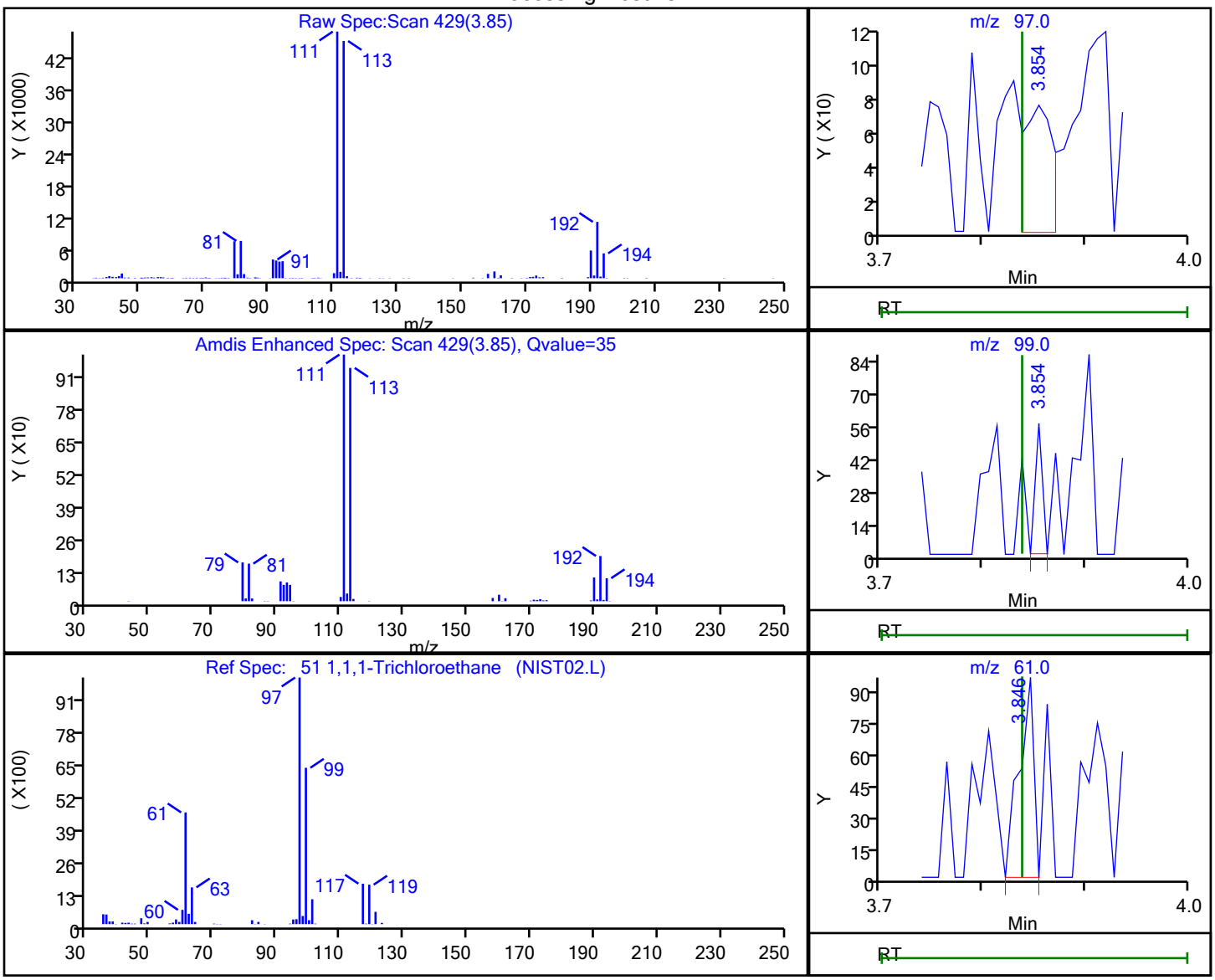
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 51 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.85 | 97.00 | 148 | 0.017267 |
| 3.85 | 99.00 | 28 | |
| 3.85 | 61.00 | 97 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

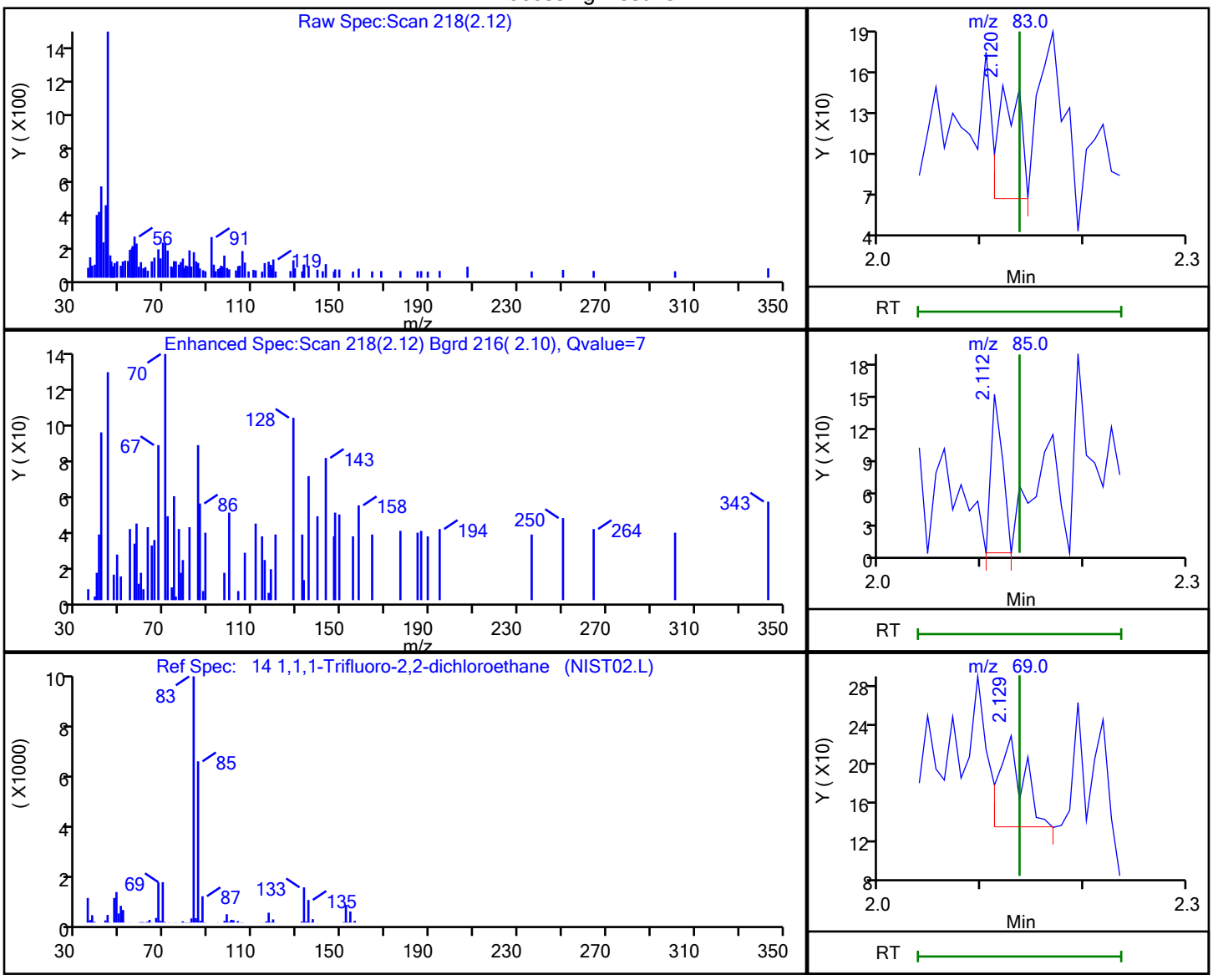
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 14 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.12 | 83.00 | 120 | 0.015015 |
| 2.11 | 85.00 | 114 | |
| 2.13 | 69.00 | 154 | |
| 2.12 | 67.00 | 87 | |

Reviewer: NN6A, 17-Jan-2025 12:57:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

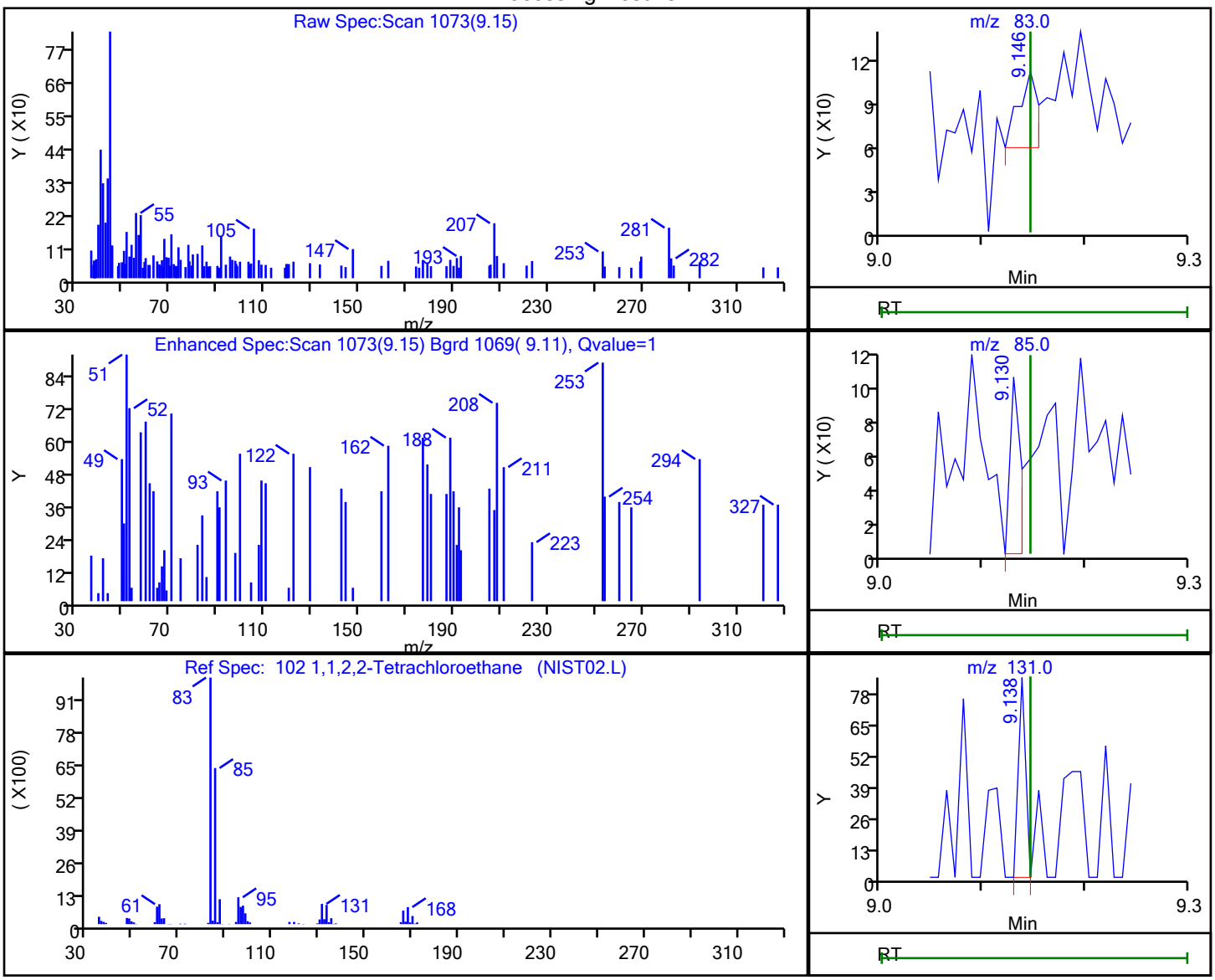
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 102 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.15 | 83.00 | 68 | 0.012206 |
| 9.13 | 85.00 | 74 | |
| 9.14 | 131.00 | 42 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

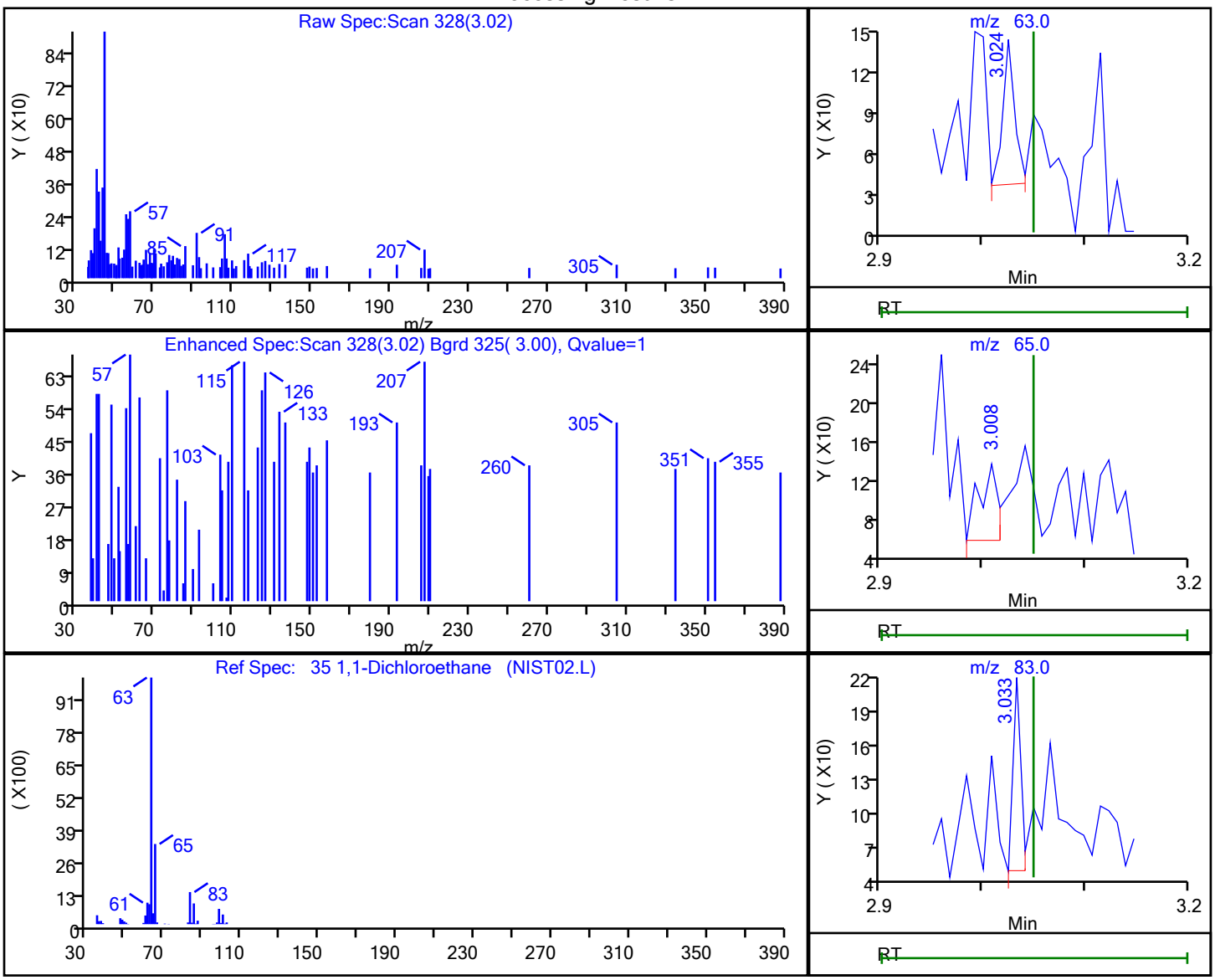
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 35 1,1-Dichloroethane, CAS: 75-34-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.02 | 63.00 | 90 | 0.008856 |
| 3.01 | 65.00 | 96 | |
| 3.03 | 83.00 | 90 | |

Reviewer: NN6A, 17-Jan-2025 12:57:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

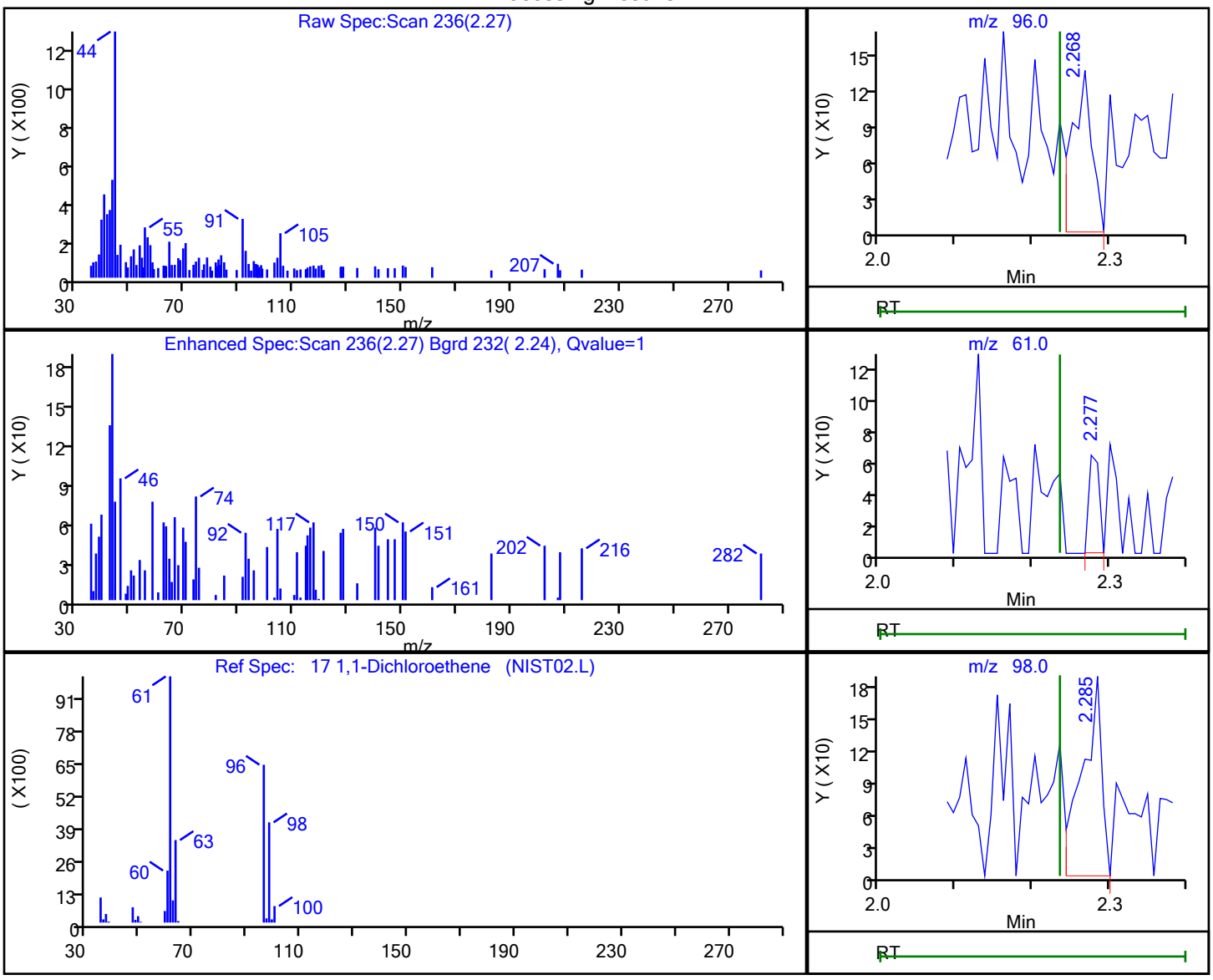
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 17 1,1-Dichloroethene, CAS: 75-35-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.27 | 96.00 | 235 | 0.041487 |
| 2.28 | 61.00 | 61 | |
| 2.28 | 98.00 | 324 | |
| 2.25 | 63.00 | 168 | |

Reviewer: NN6A, 17-Jan-2025 12:57:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

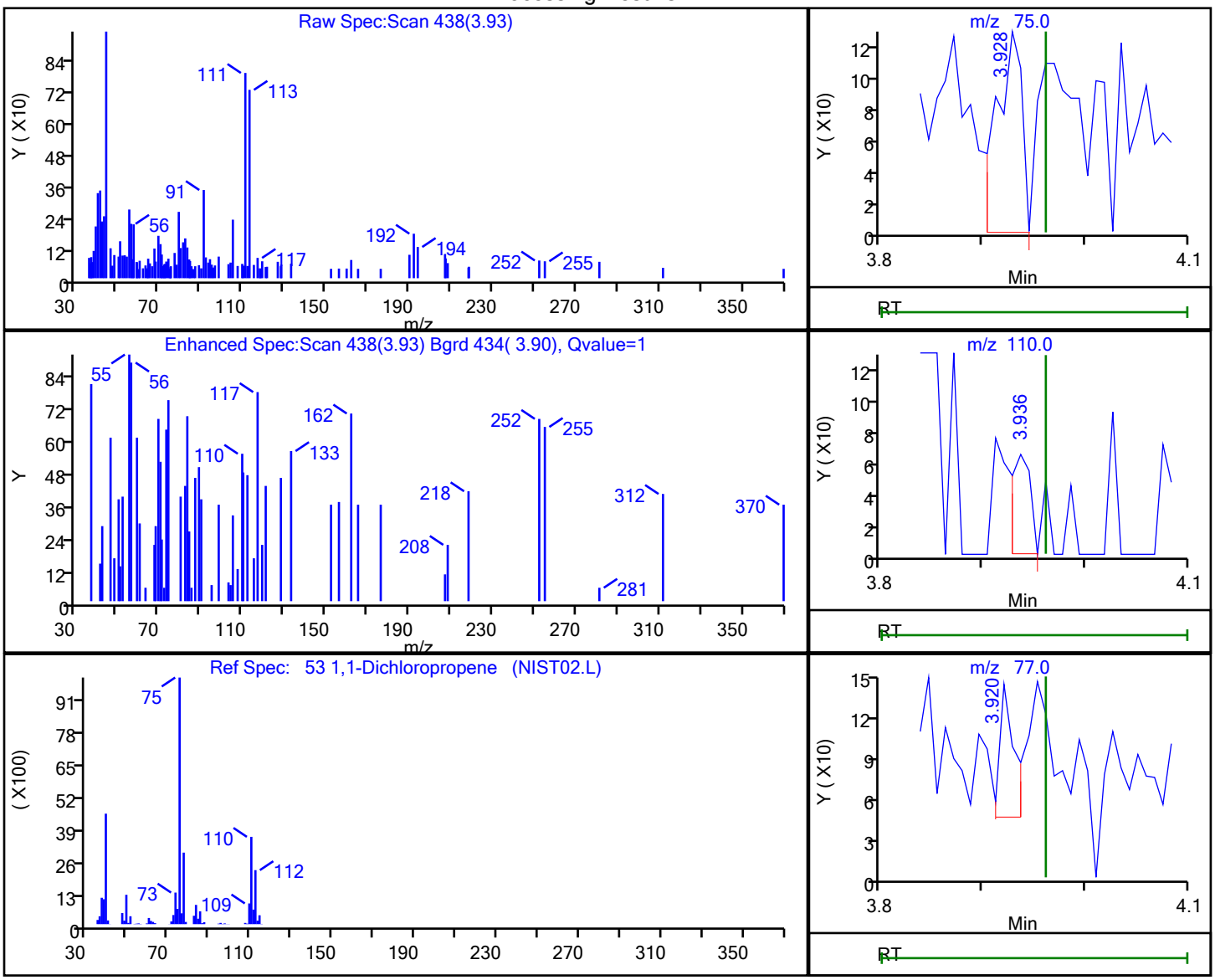
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 53 1,1-Dichloropropene, CAS: 563-58-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.93 | 75.00 | 215 | 0.030237 |
| 3.94 | 110.00 | 79 | |
| 3.92 | 77.00 | 99 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

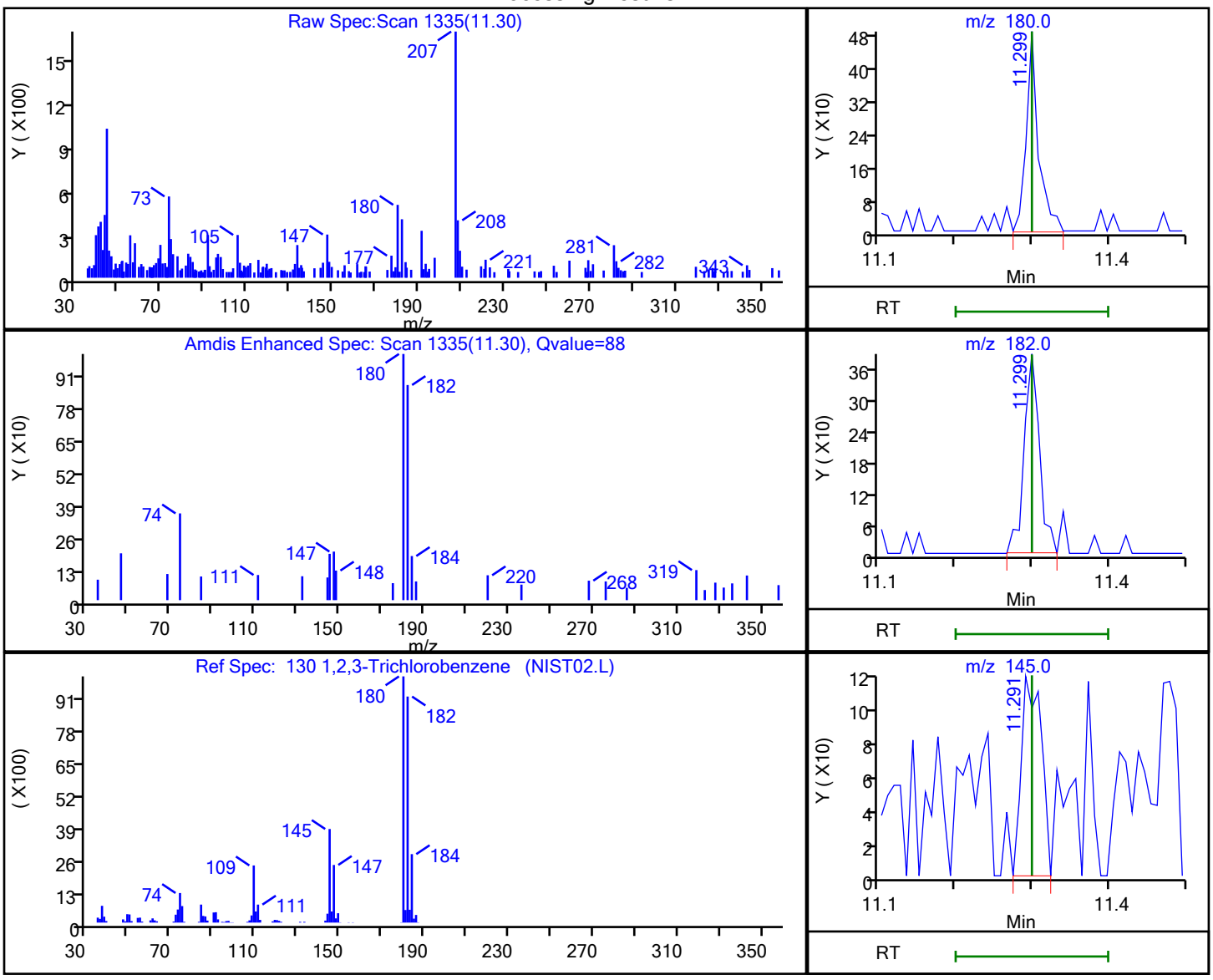
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 130 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.30 | 180.00 | 537 | 0.074926 |
| 11.30 | 182.00 | 547 | |
| 11.29 | 145.00 | 215 | |

Reviewer: NN6A, 17-Jan-2025 12:57:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

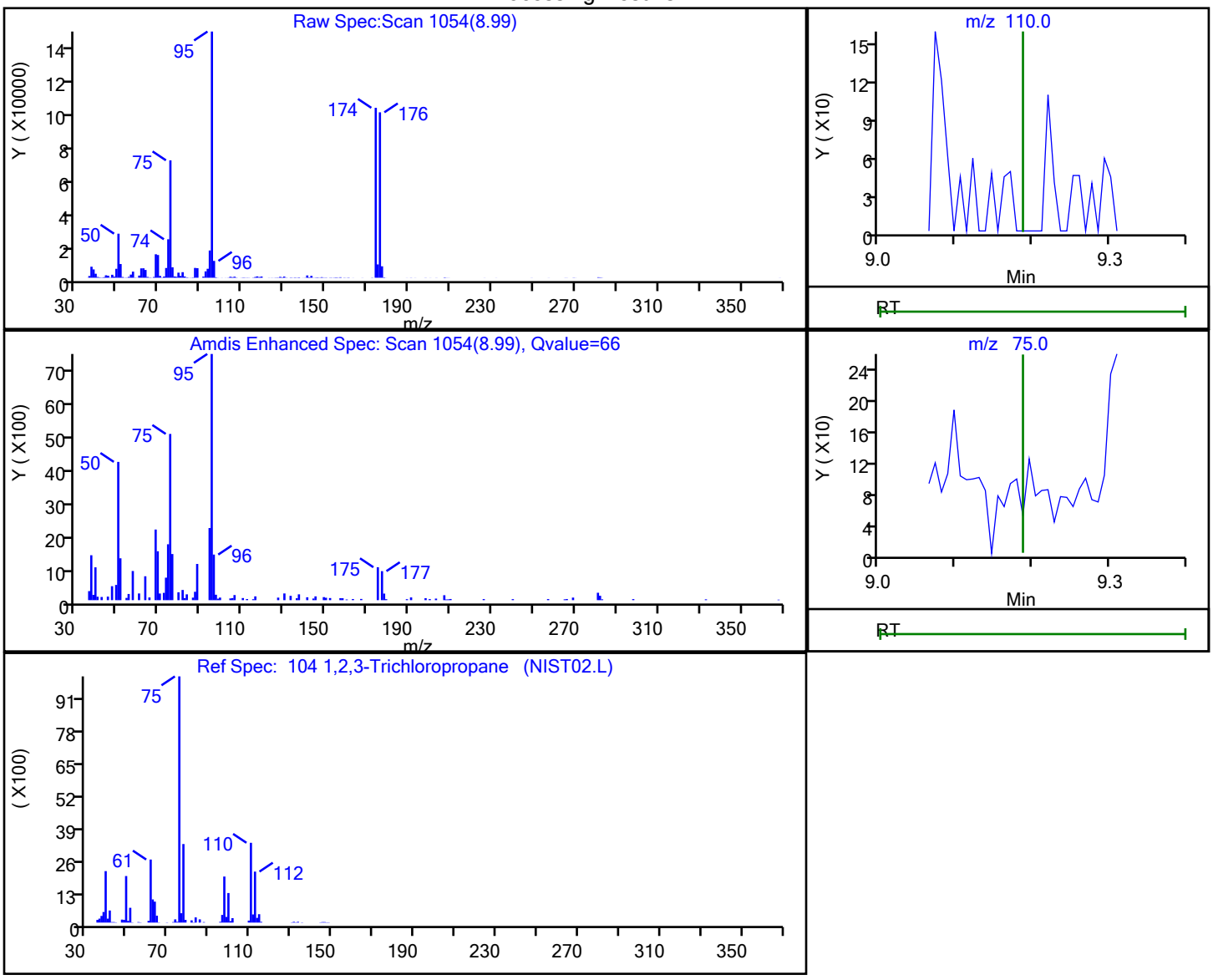
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 104 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.99 | 110.00 | 202 | 0.667986 |
| 8.99 | 75.00 | 87447 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

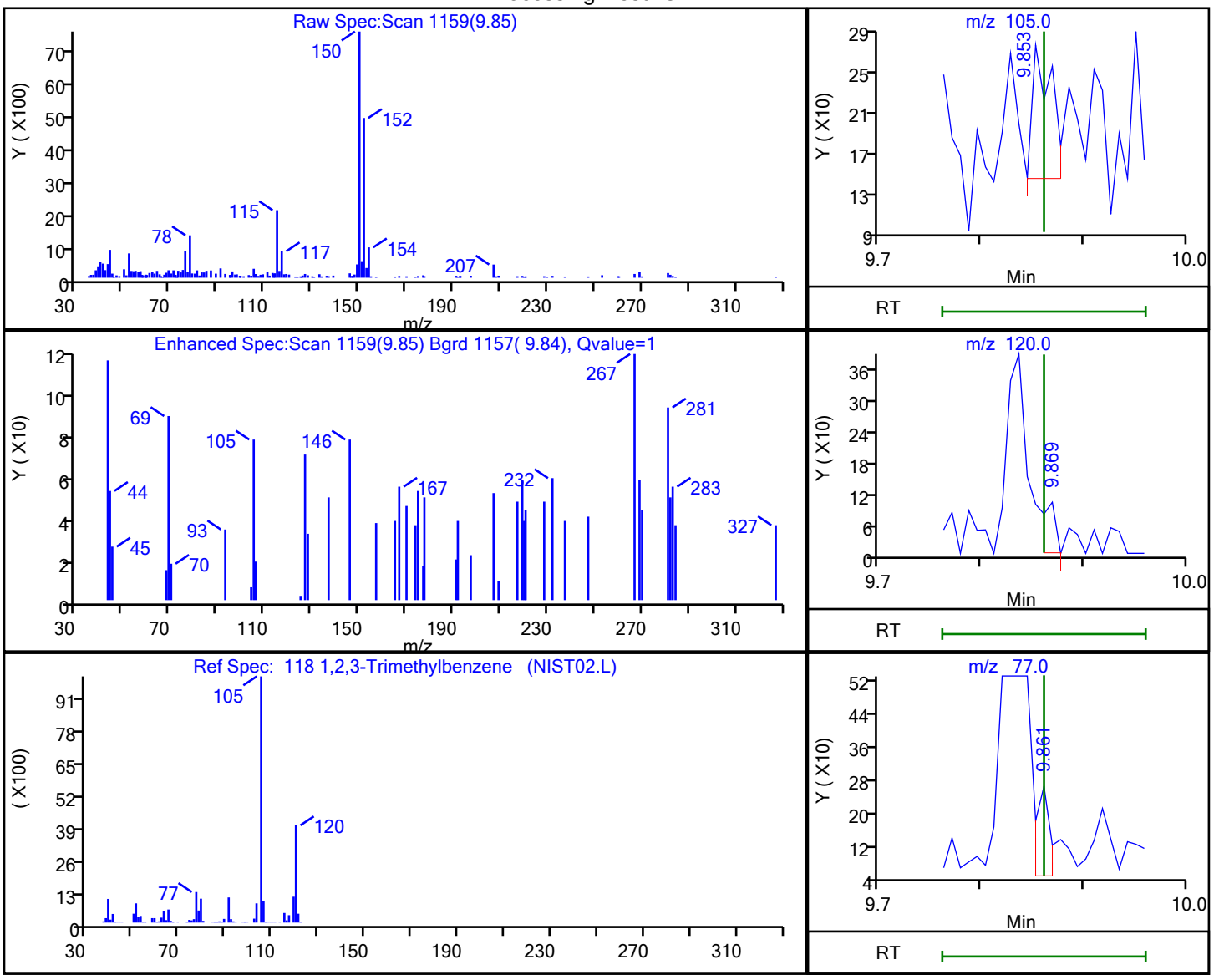
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 118 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.85 | 105.00 | 166 | 0.007276 |
| 9.87 | 120.00 | 87 | |
| 9.86 | 77.00 | 205 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

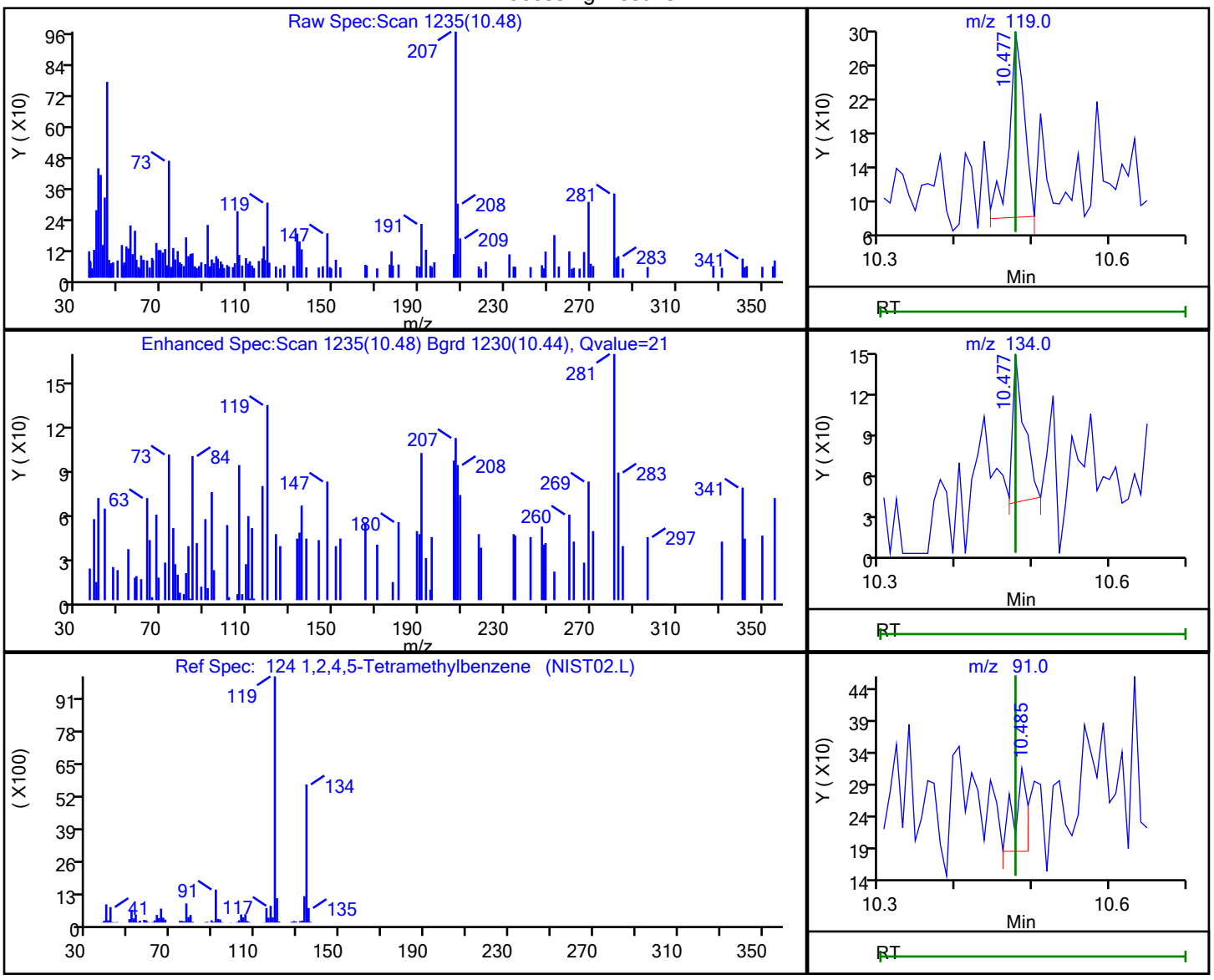
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 124 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.48 | 119.00 | 298 | 0.012498 |
| 10.48 | 134.00 | 111 | |
| 10.49 | 91.00 | 153 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

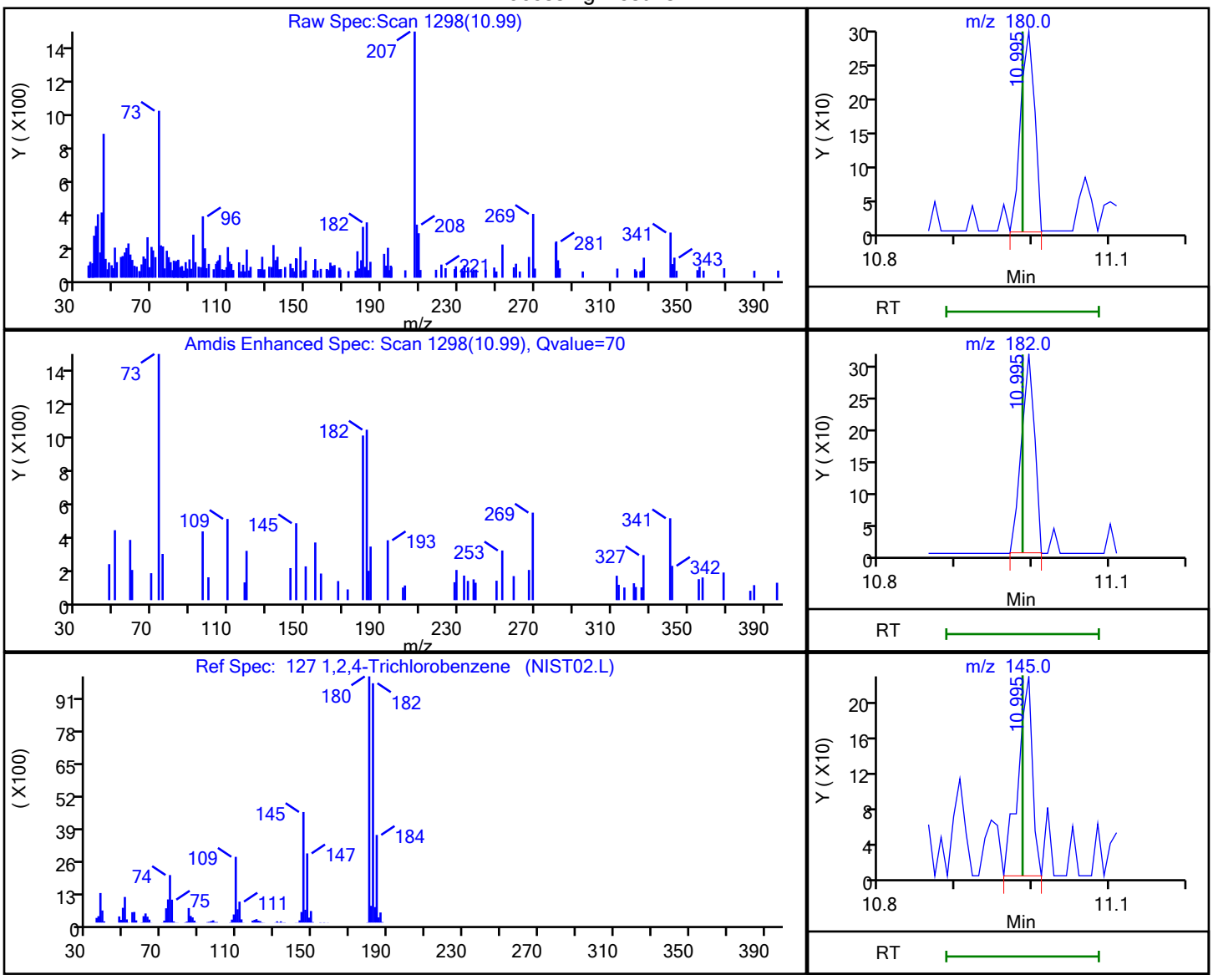
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 127 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.99 | 180.00 | 371 | 0.043142 |
| 10.99 | 182.00 | 383 | |
| 10.99 | 145.00 | 287 | |

Reviewer: NN6A, 17-Jan-2025 12:57:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

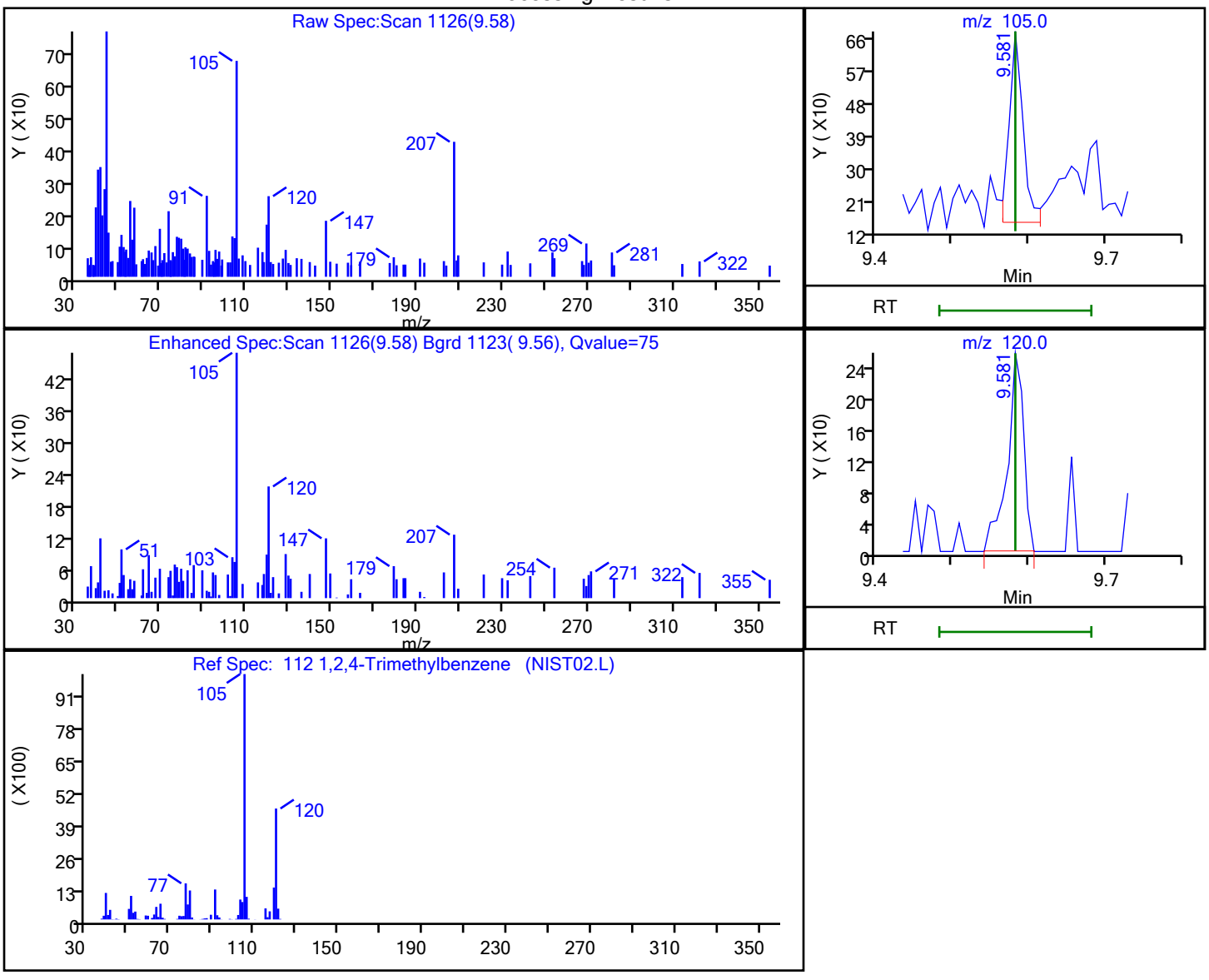
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 112 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.58 | 105.00 | 670 | 0.031584 |
| 9.58 | 120.00 | 377 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

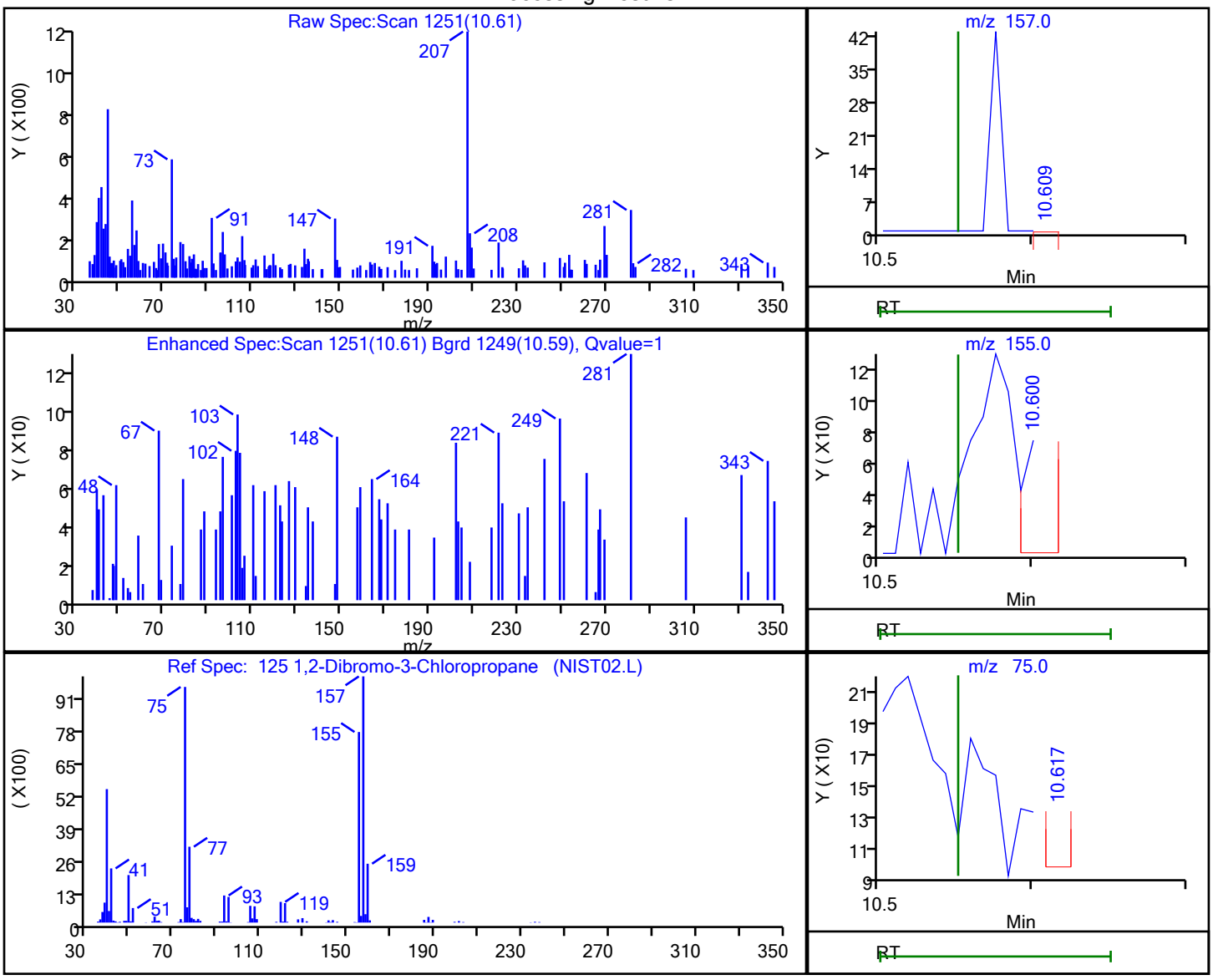
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 125 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.61 | 157.00 | 23 | 0.018445 |
| 10.60 | 155.00 | 73 | |
| 10.62 | 75.00 | 41 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

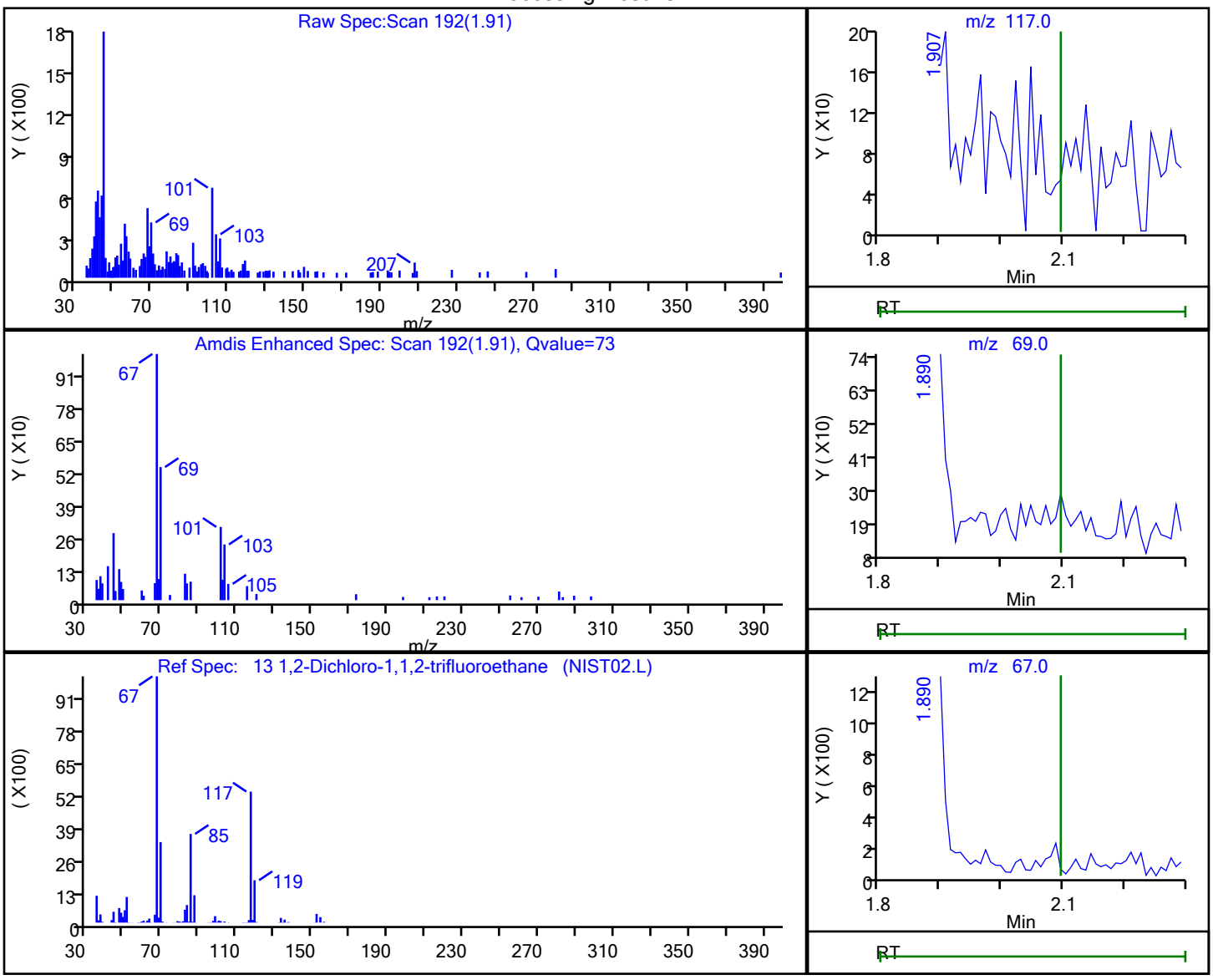
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 13 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.91 | 117.00 | 268 | 0.271869 |
| 1.89 | 69.00 | 1029 | |
| 1.89 | 67.00 | 2095 | |
| 1.92 | 119.00 | 343 | |

Reviewer: NN6A, 17-Jan-2025 12:57:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

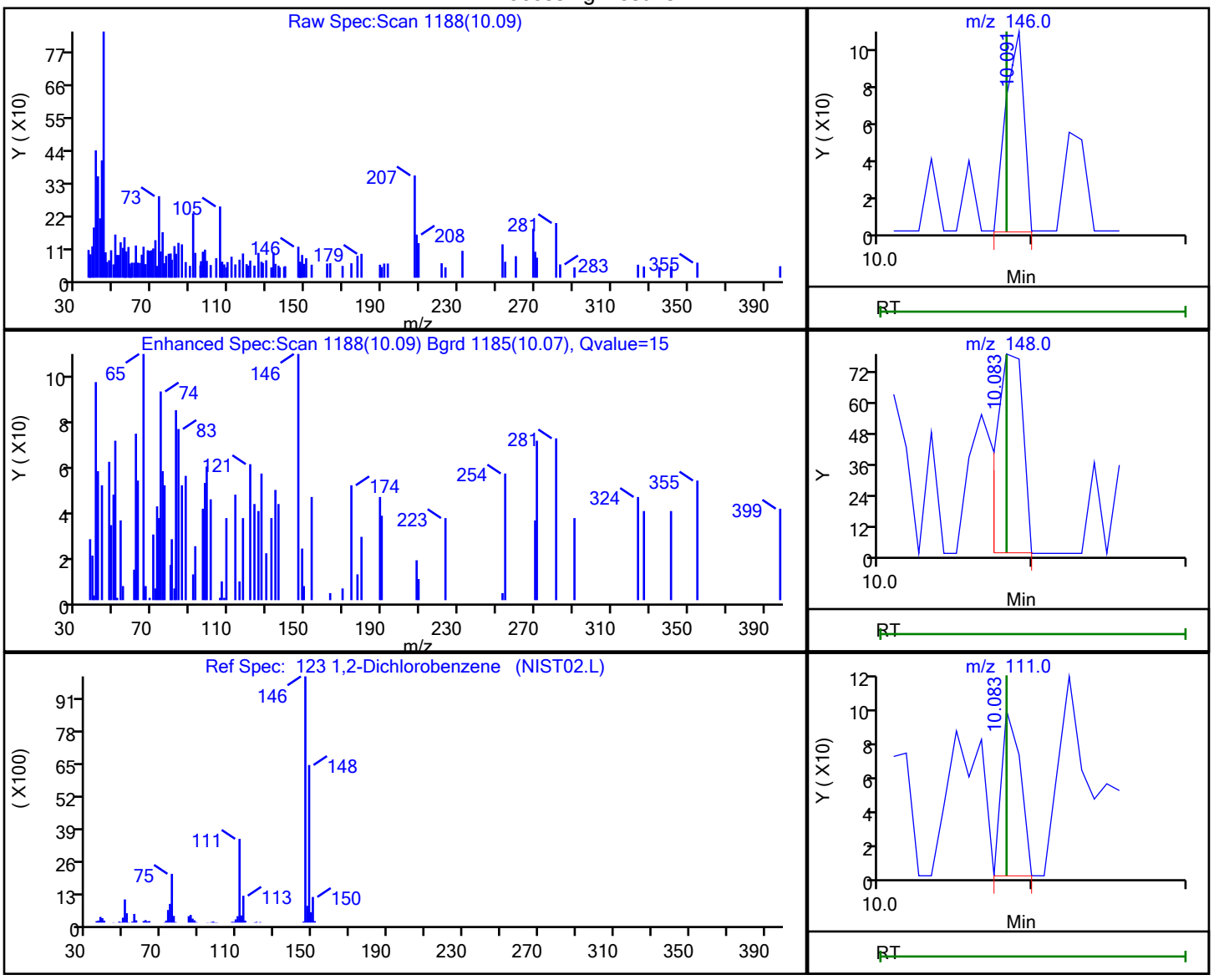
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 123 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.09 | 146.00 | 87 | 0.007230 |
| 10.08 | 148.00 | 97 | |
| 10.08 | 111.00 | 83 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

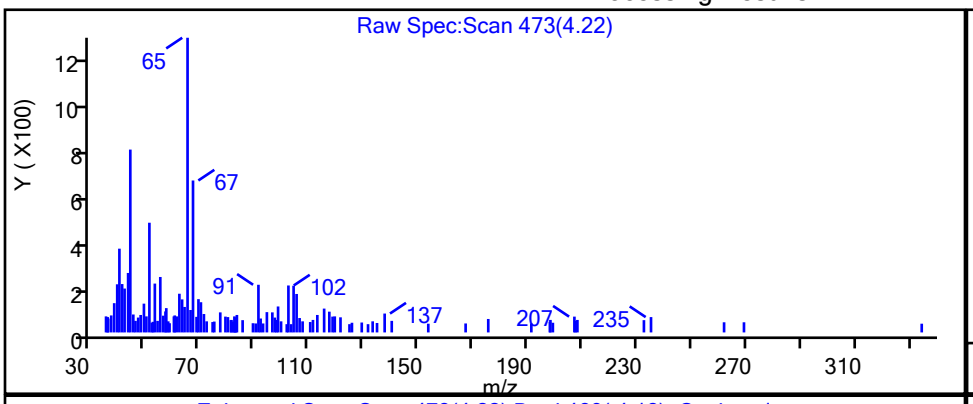
User Disabled Compound Report

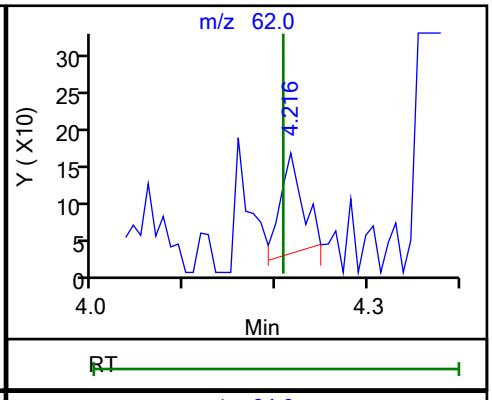
Eurofins Edison

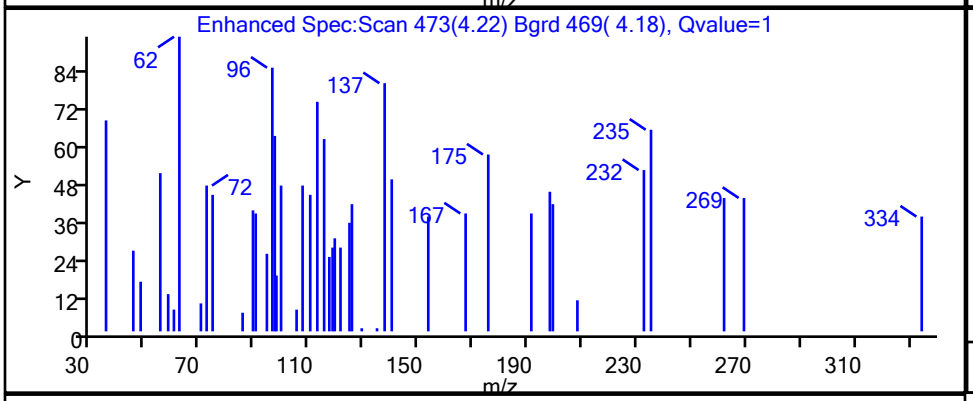
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

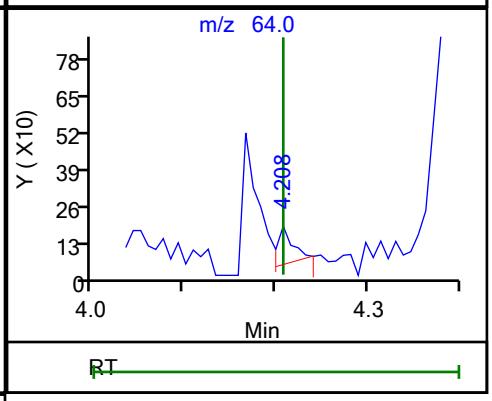
## 59 1,2-Dichloroethane, CAS: 107-06-2

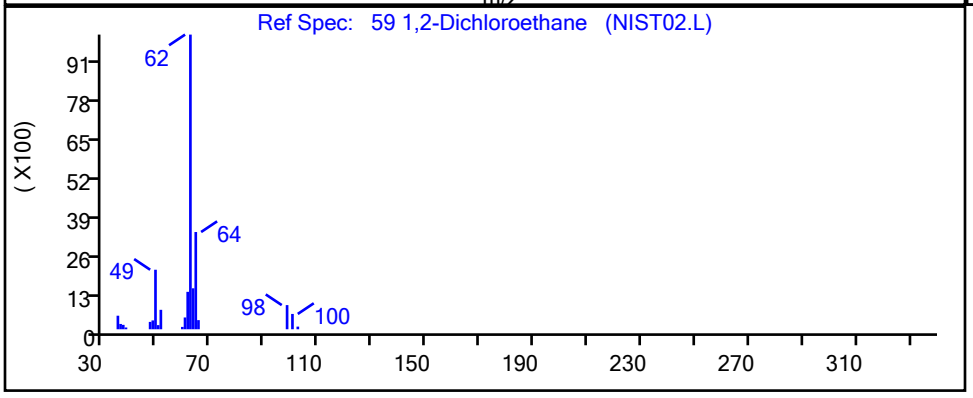
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.22 | 62.00 | 242 | 0.036777 |
| 4.21 | 64.00 | 154 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

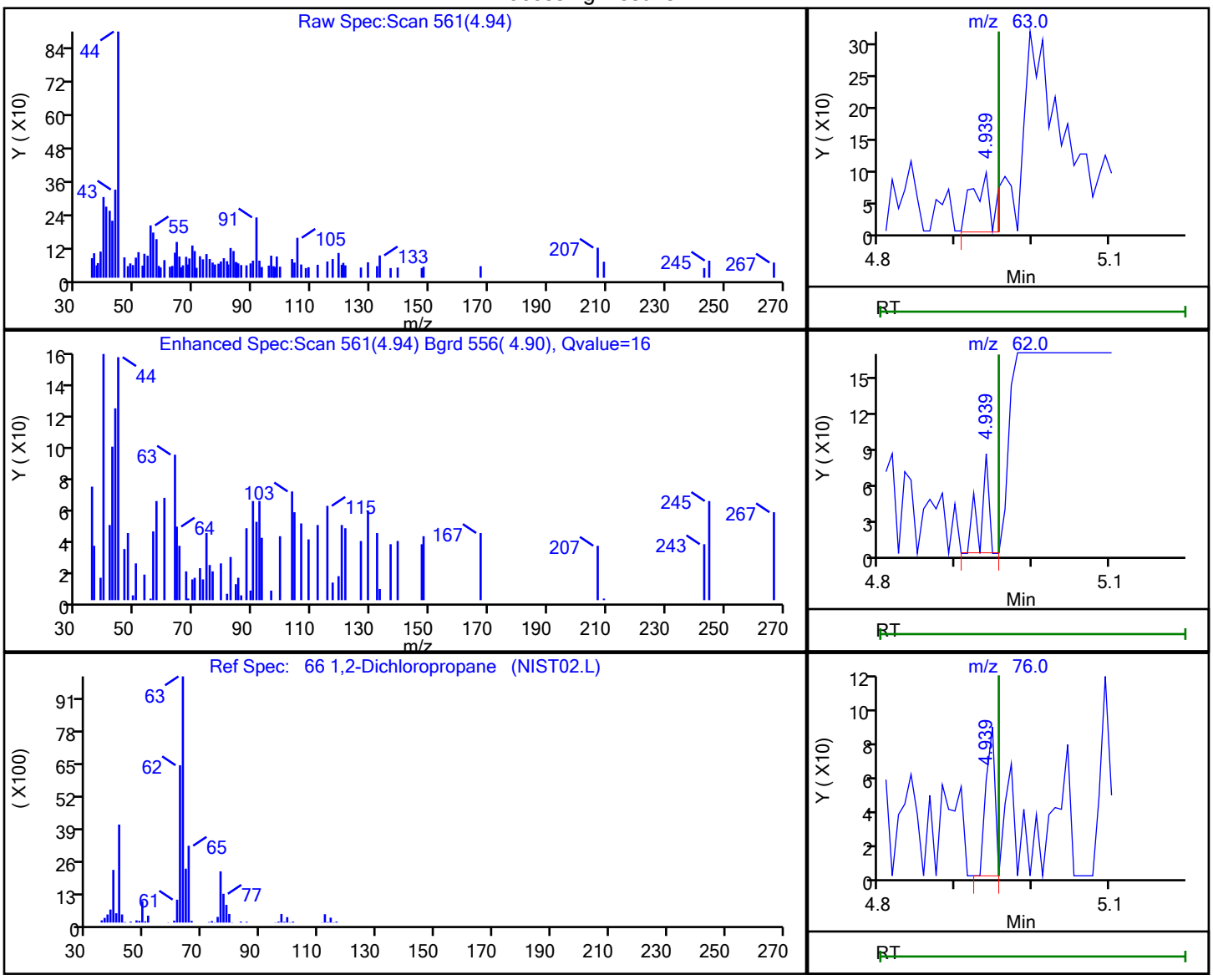
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 66 1,2-Dichloropropane, CAS: 78-87-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.94 | 63.00 | 165 | 0.033436 |
| 4.94 | 62.00 | 66 | |
| 4.94 | 76.00 | 69 | |
| 4.96 | 112.00 | 93 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

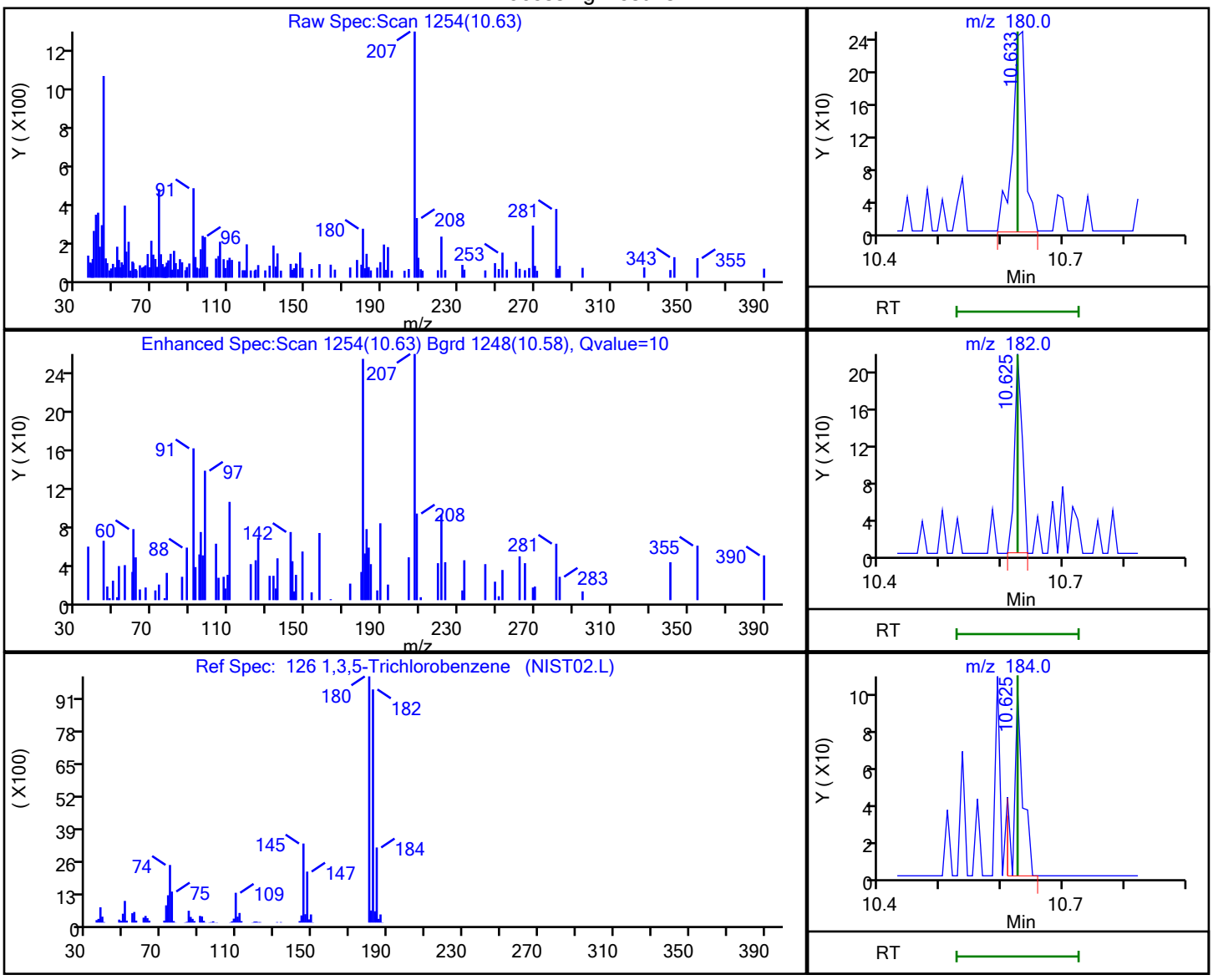
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 126 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.63 | 180.00 | 374 | 0.036548 |
| 10.62 | 182.00 | 190 | |
| 10.62 | 184.00 | 107 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

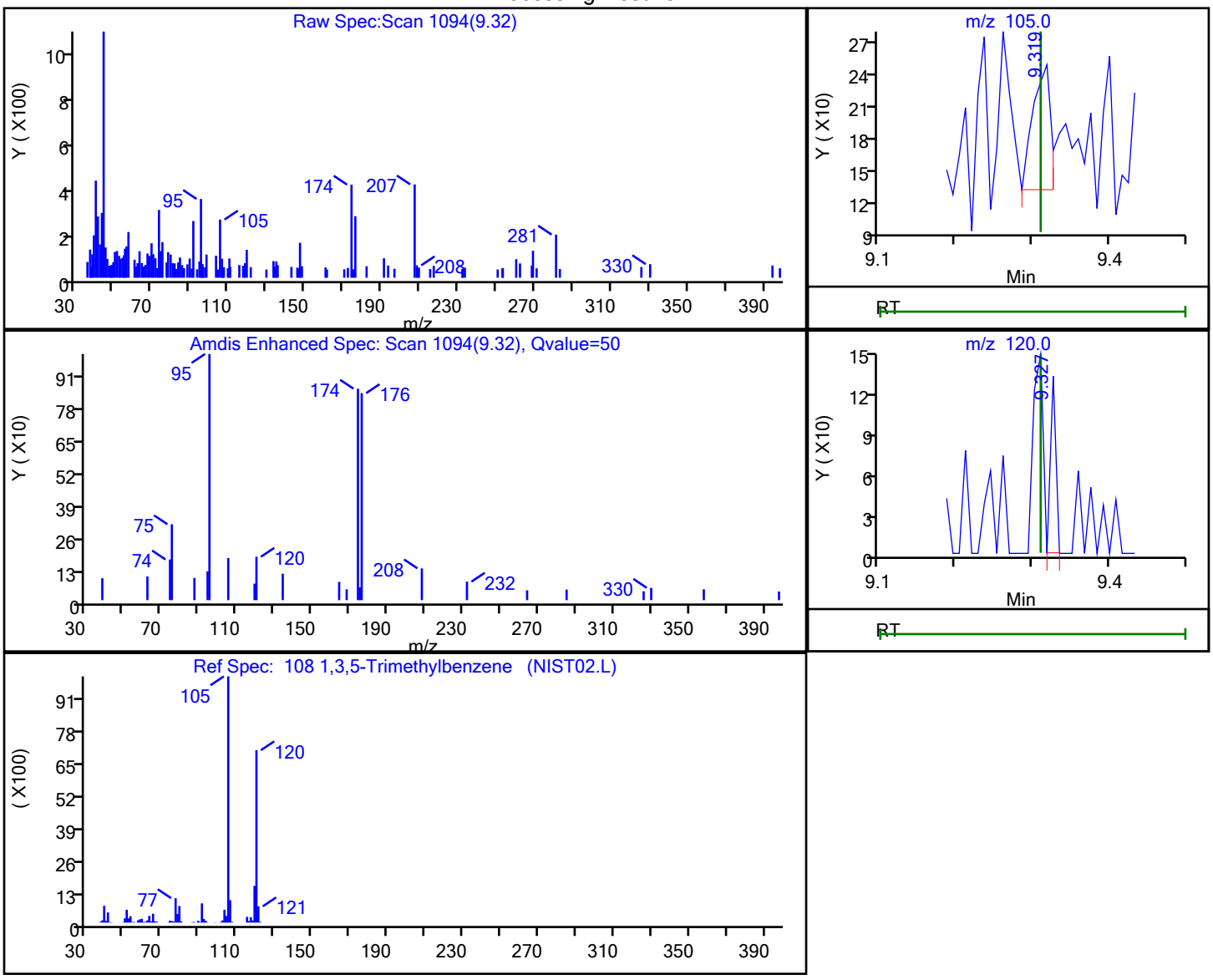
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.32 | 105.00 | 190 | 0.009314 |
| 9.33 | 120.00 | 64 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

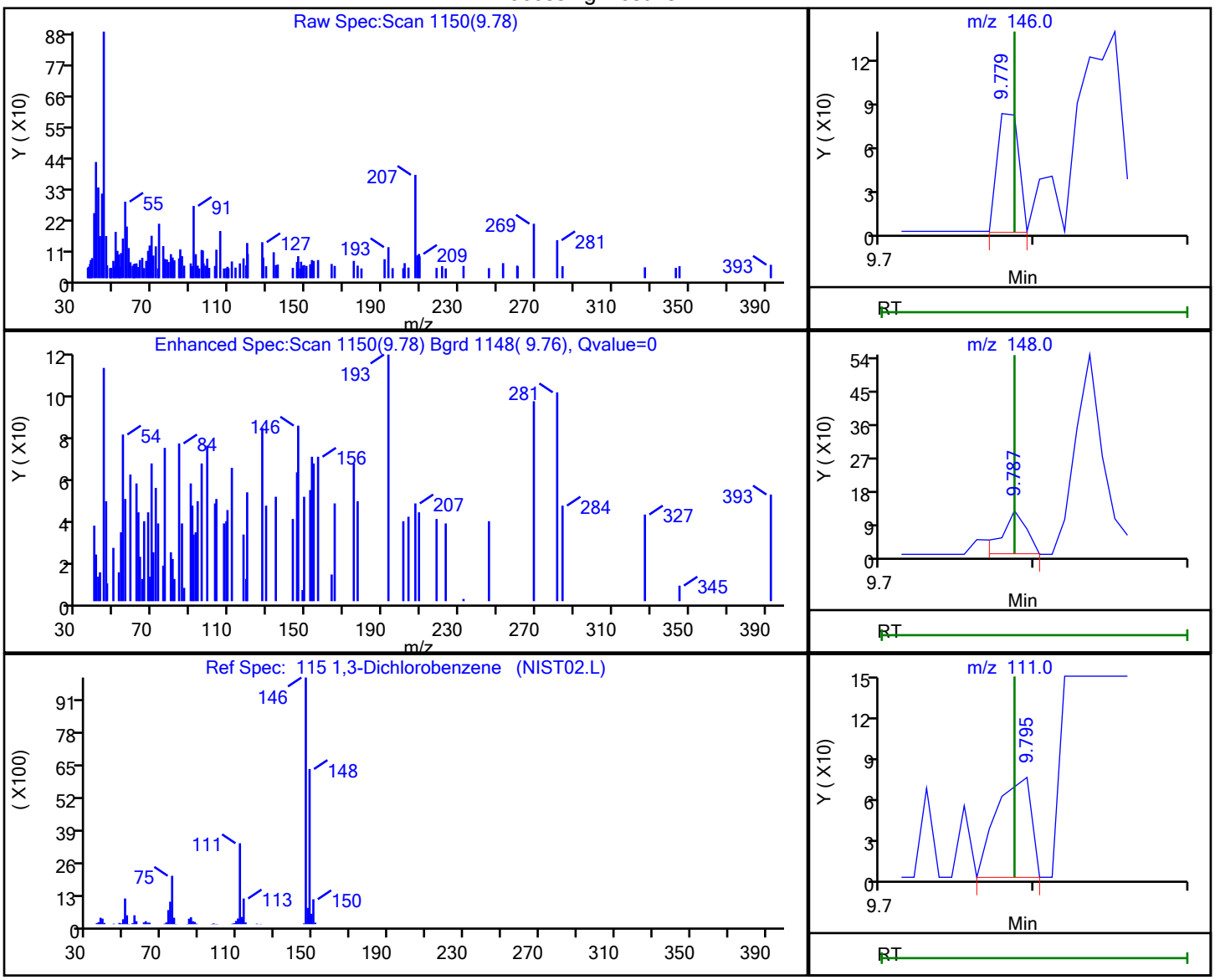
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 115 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.78 | 146.00 | 77 | 0.006530 |
| 9.79 | 148.00 | 134 | |
| 9.80 | 111.00 | 117 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

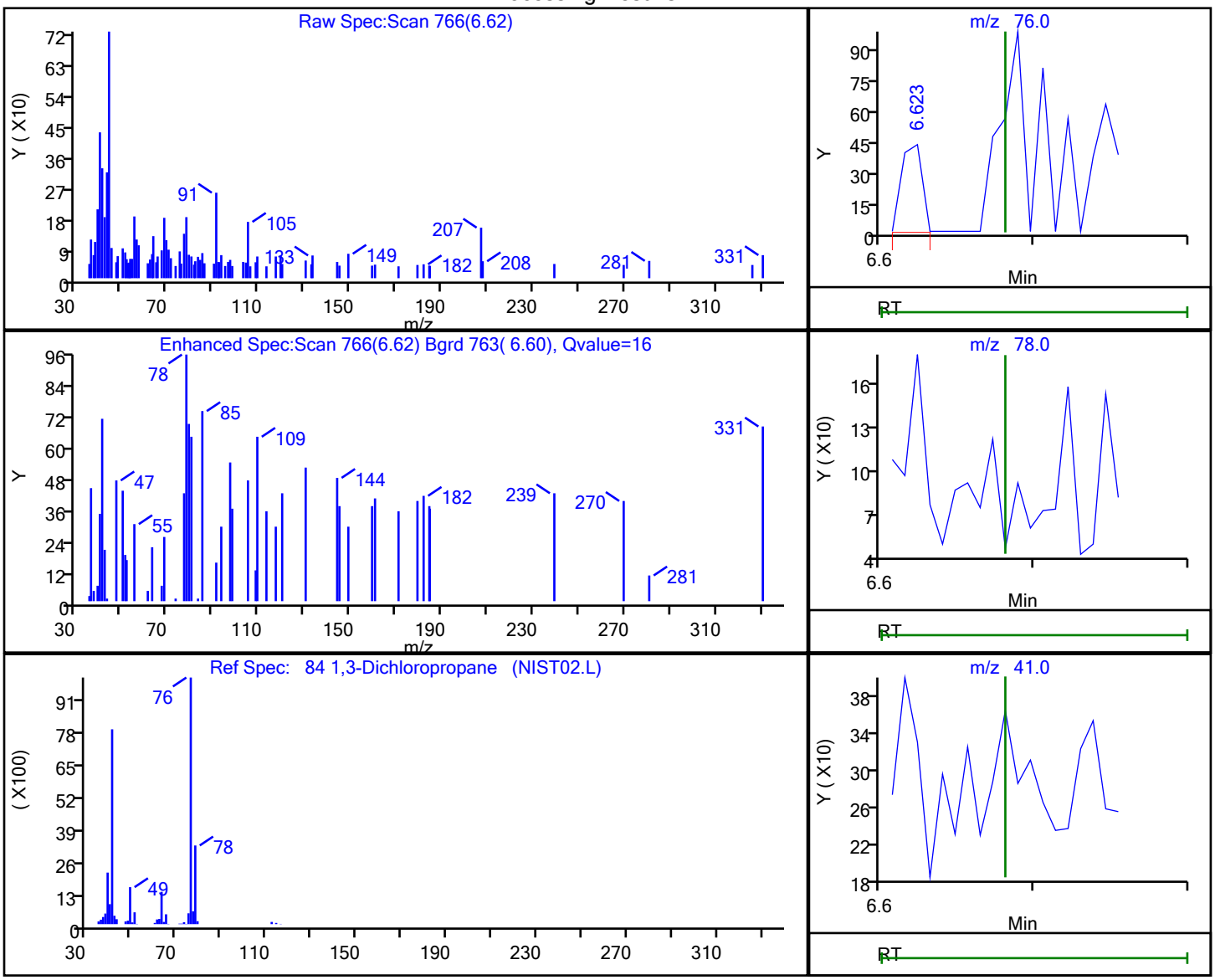
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 84 1,3-Dichloropropane, CAS: 142-28-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.62 | 76.00 | 40 | 0.007435 |
| 6.62 | 78.00 | 149 | |
| 6.62 | 41.00 | 285 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

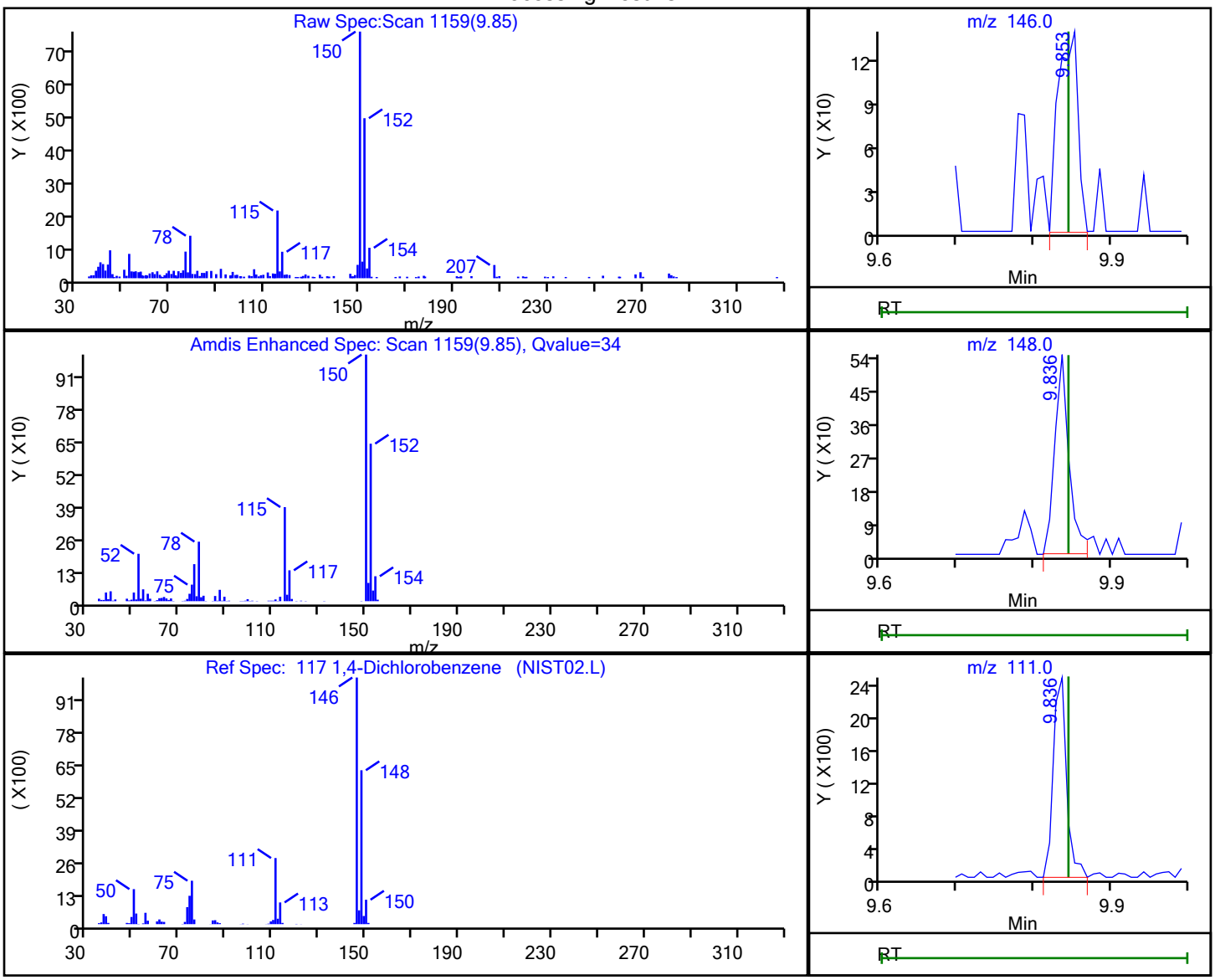
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 117 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.85 | 146.00 | 240 | 0.019539 |
| 9.84 | 148.00 | 712 | |
| 9.84 | 111.00 | 2969 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

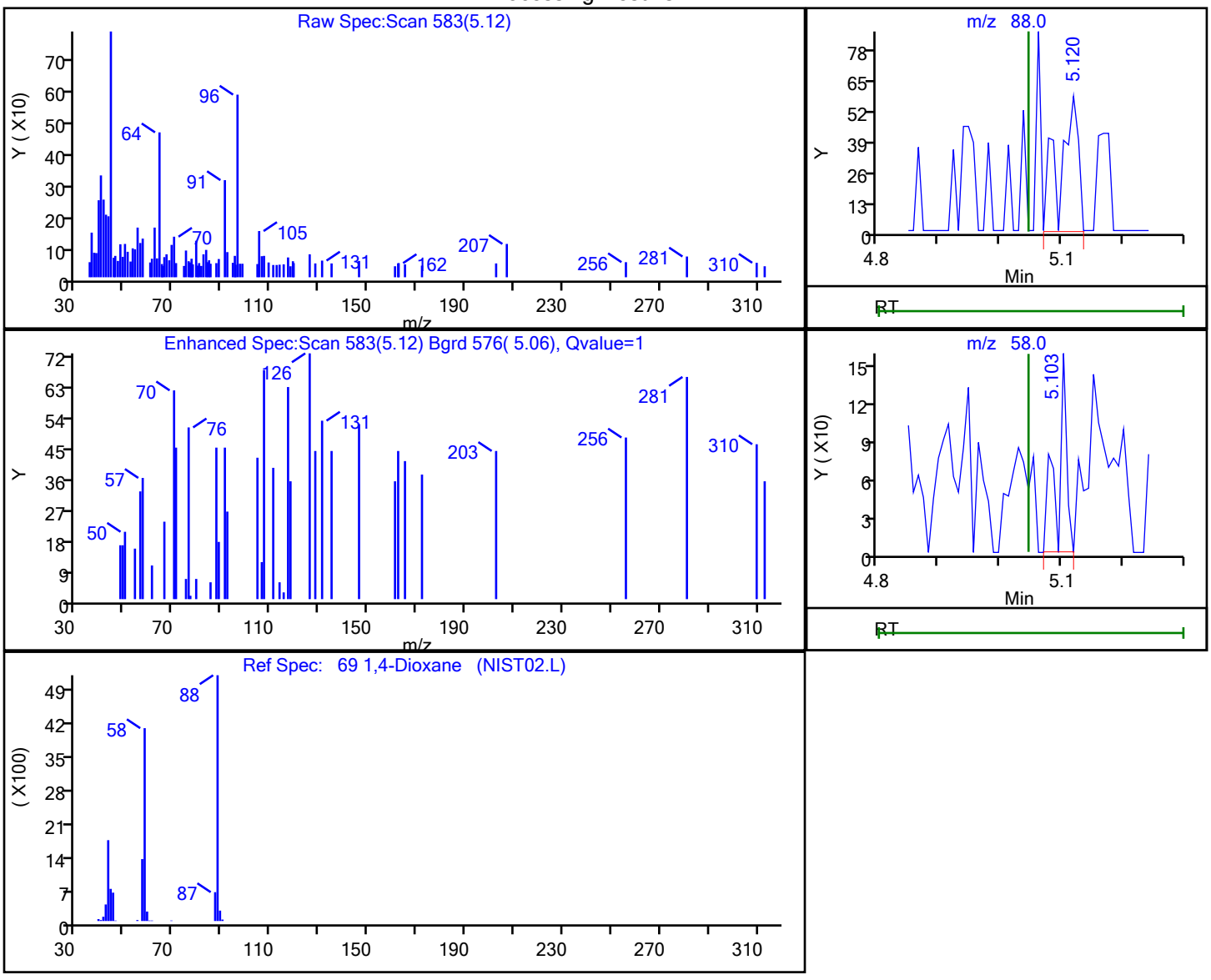
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 69 1,4-Dioxane, CAS: 123-91-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.12 | 88.00 | 124 | 3.051496 |
| 5.10 | 58.00 | 161 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

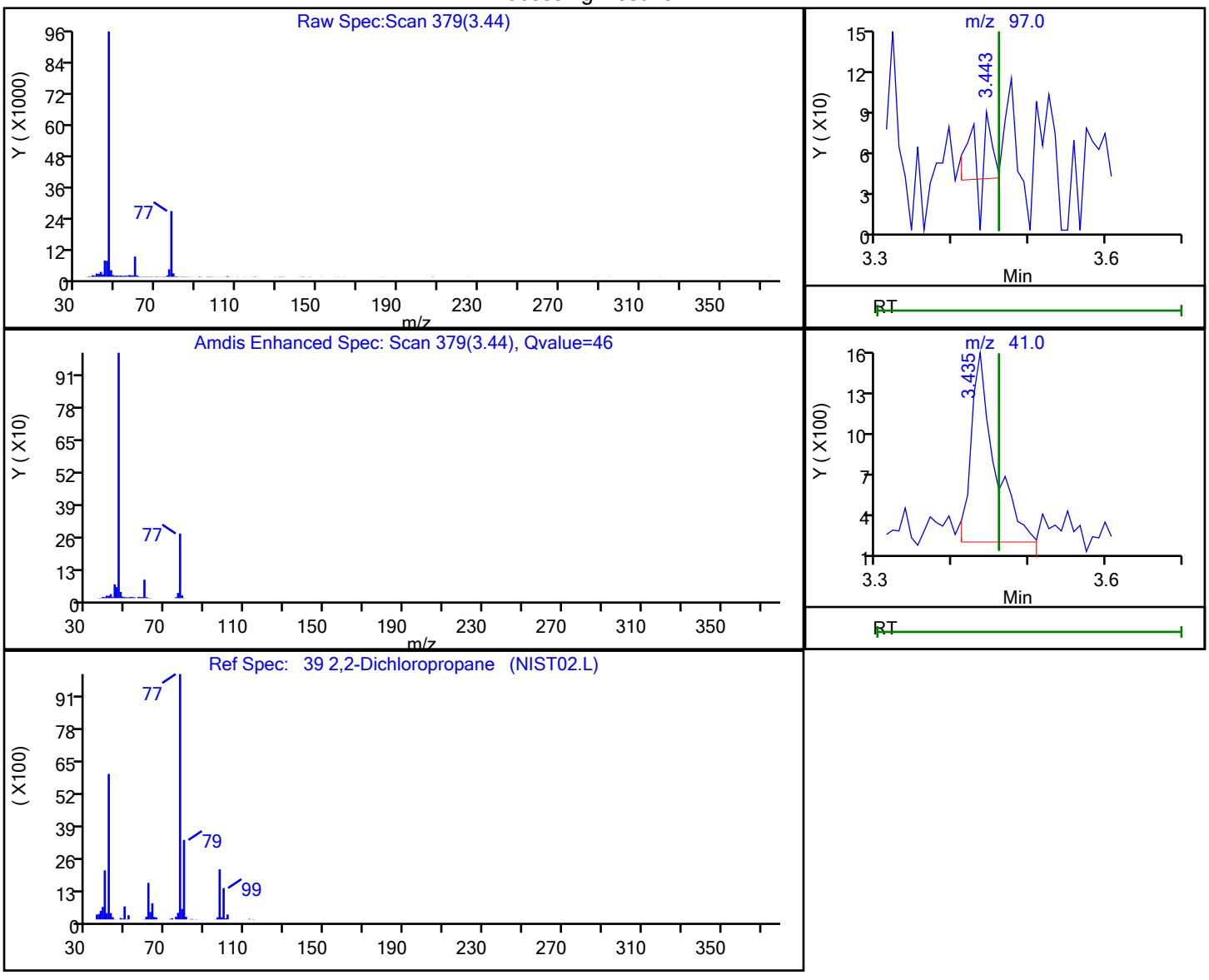
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.44 | 97.00 | 62 | 0.032402 |
| 3.44 | 41.00 | 2846 | |

Reviewer: NN6A, 17-Jan-2025 12:57:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

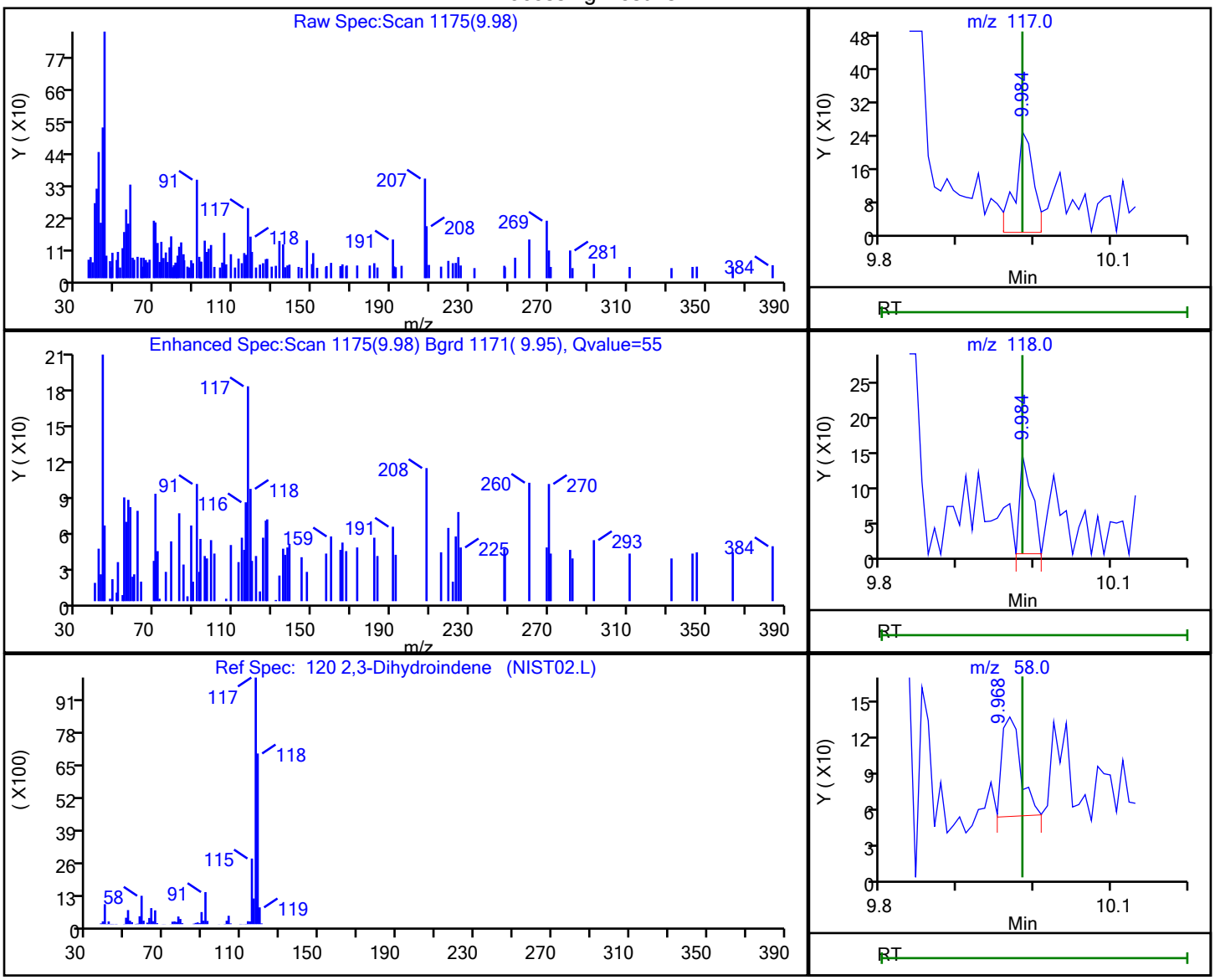
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 120 2,3-Dihydroindene, CAS: 496-11-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.98 | 117.00 | 405 | 0.018669 |
| 9.98 | 118.00 | 158 | |
| 9.97 | 58.00 | 136 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

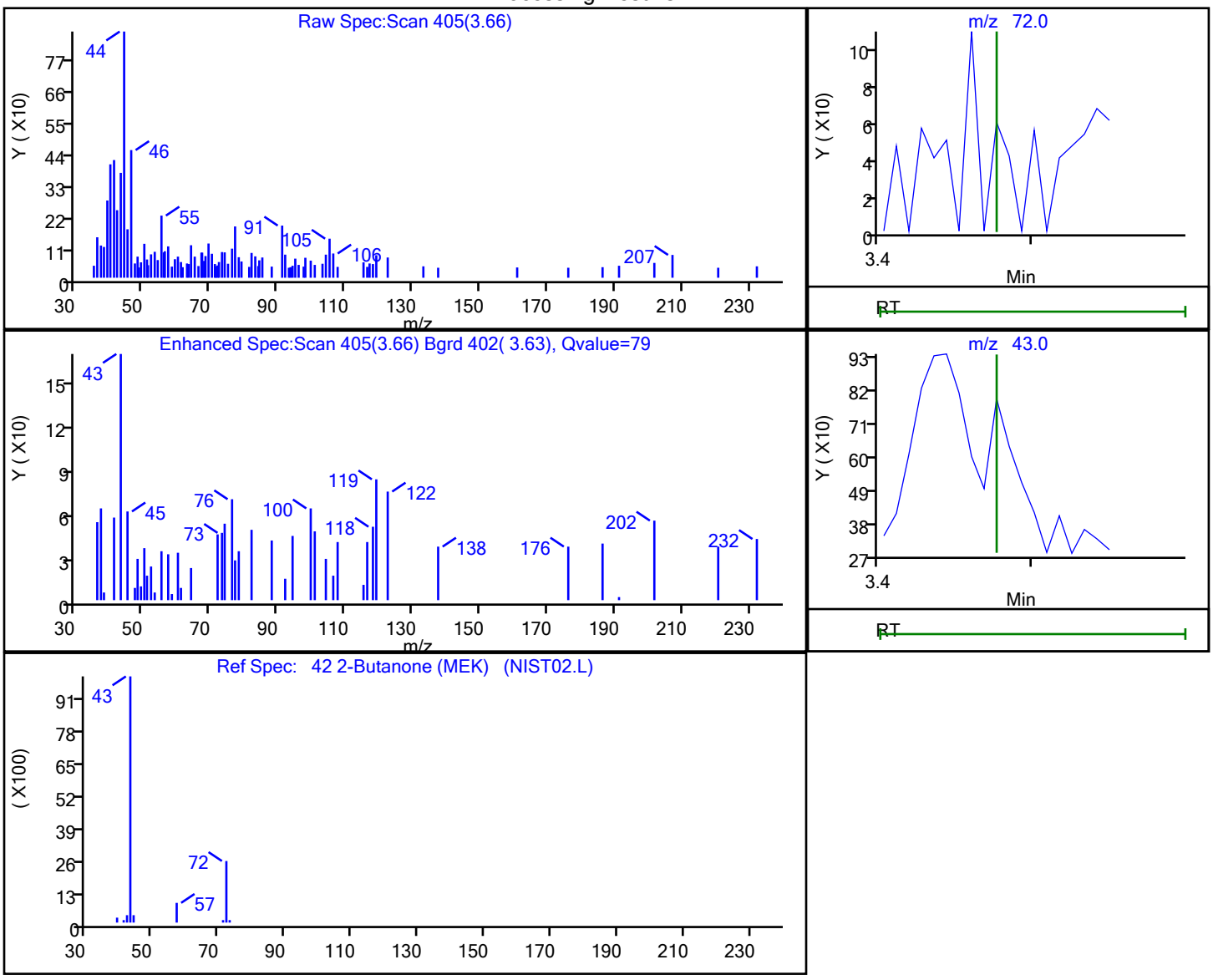
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 42 2-Butanone (MEK), CAS: 78-93-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.66 | 72.00 | 112 | 0.248931 |
| 3.67 | 43.00 | 397 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

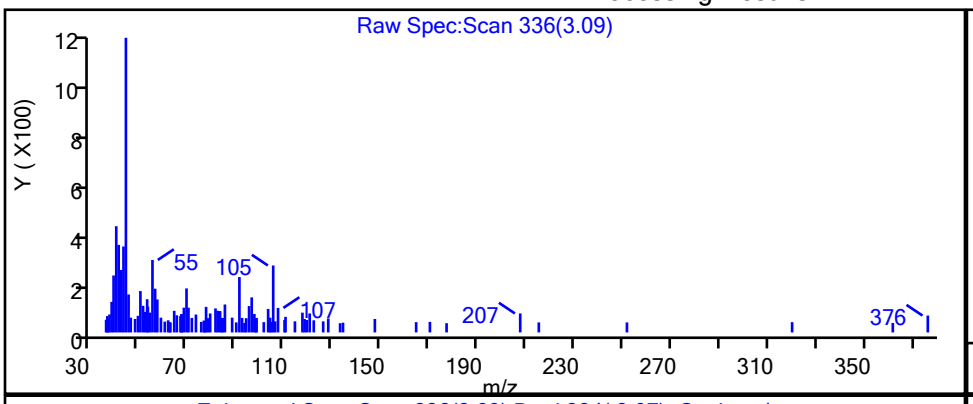
User Disabled Compound Report

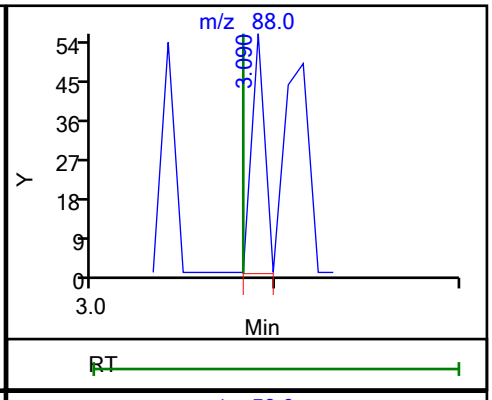
Eurofins Edison

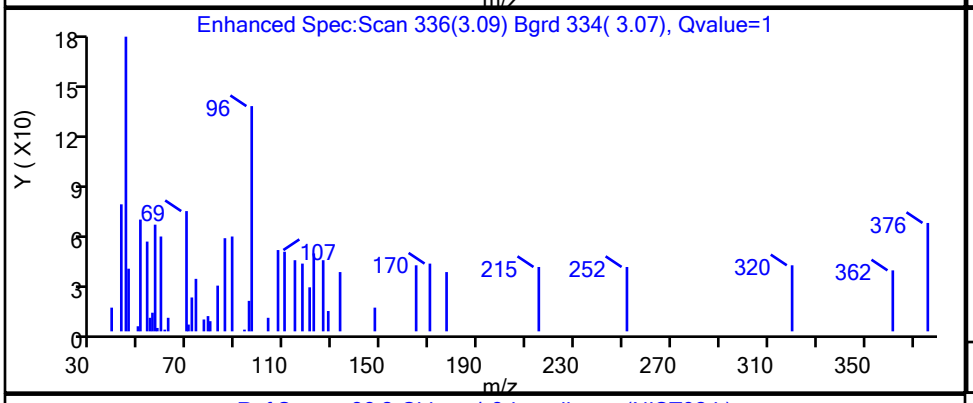
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D | | | | |
| Injection Date: | 16-Jan-2025 04:11:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

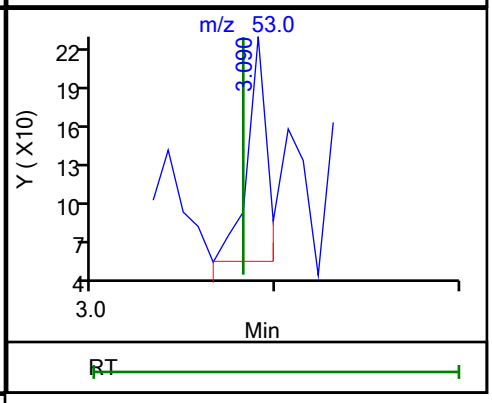
## 36 2-Chloro-1,3-butadiene, CAS: 126-99-8

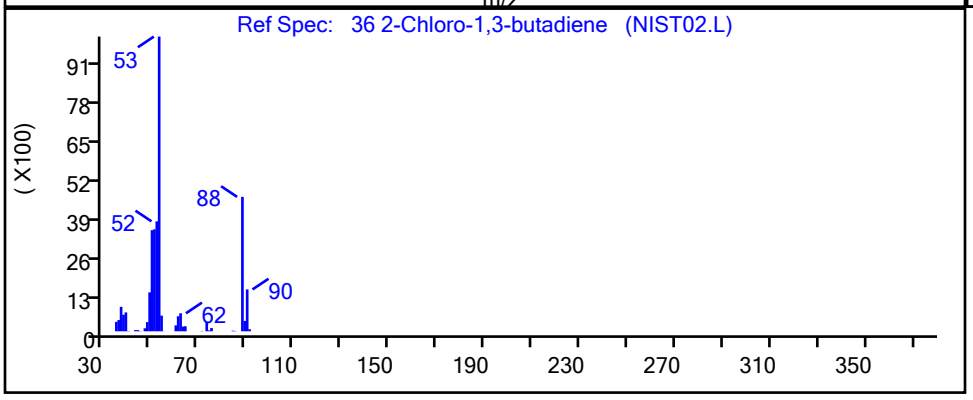
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.09 | 88.00 | 28 | 0.005700 |
| 3.09 | 53.00 | 128 | |

Reviewer: NN6A, 17-Jan-2025 12:57:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

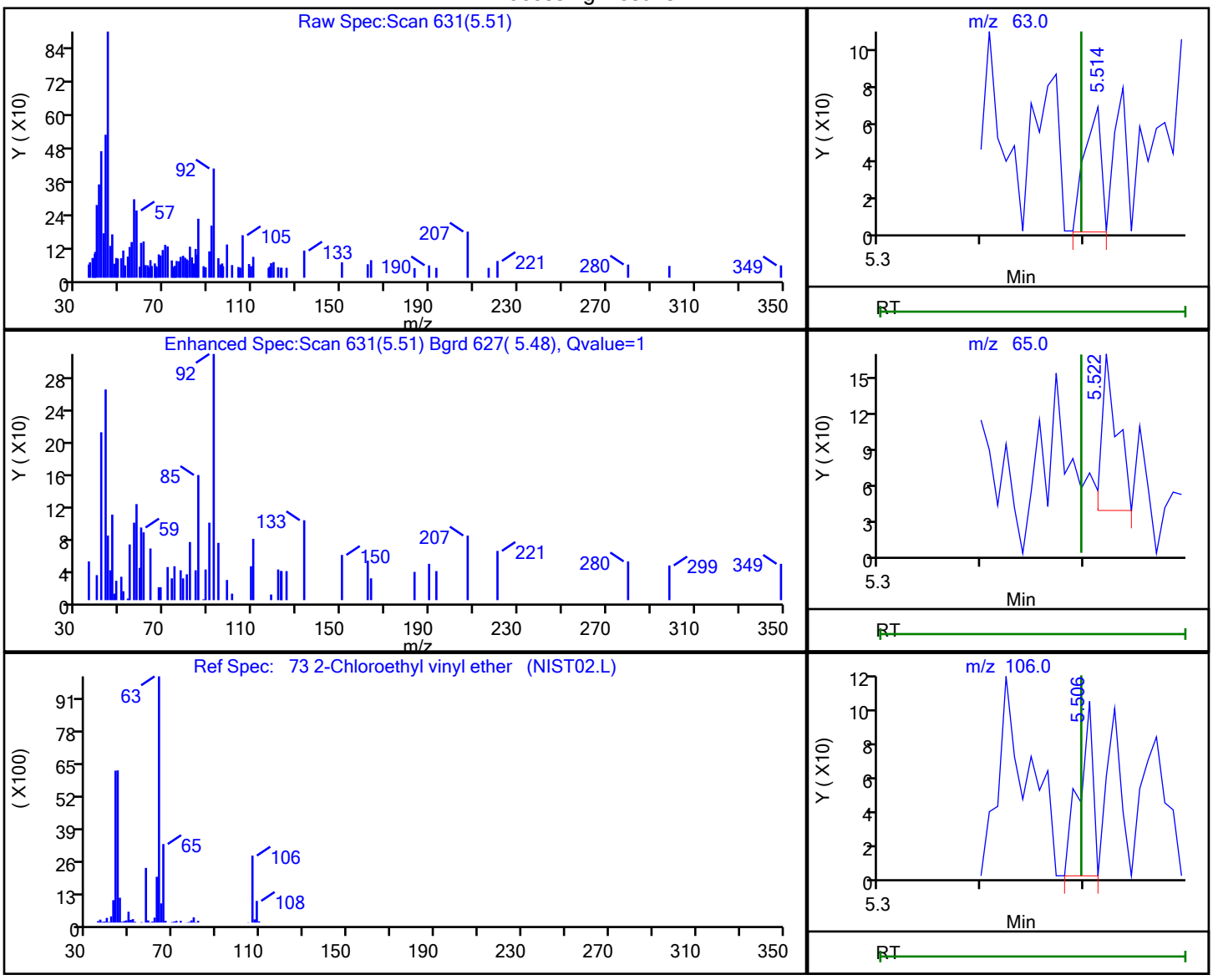
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 73 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.51 | 63.00 | 73 | 0.030687 |
| 5.52 | 65.00 | 137 | |
| 5.51 | 106.00 | 93 | |

Reviewer: NN6A, 17-Jan-2025 12:57:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

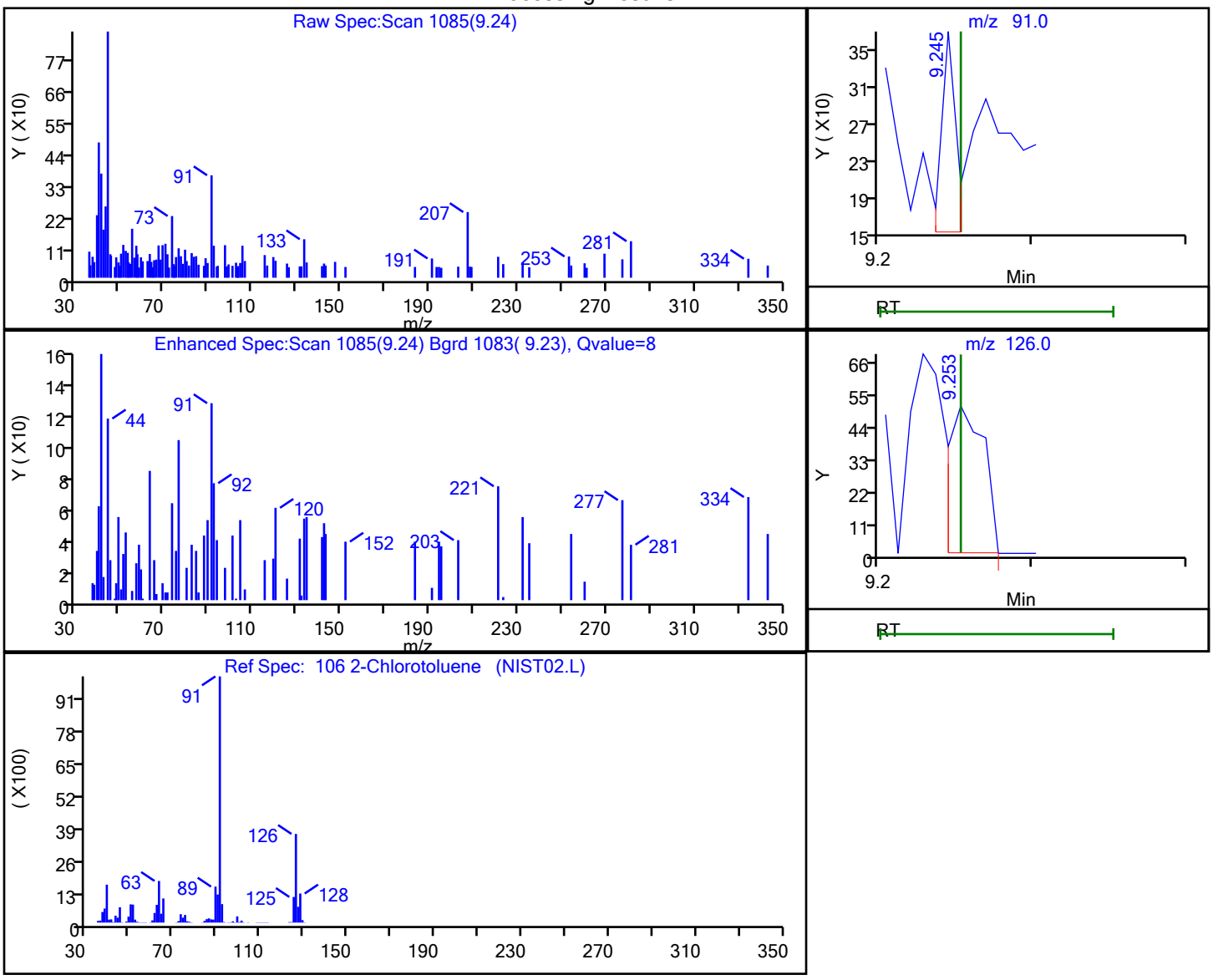
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 106 2-Chlorotoluene, CAS: 95-49-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.24 | 91.00 | 140 | 0.007238 |
| 9.25 | 126.00 | 84 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

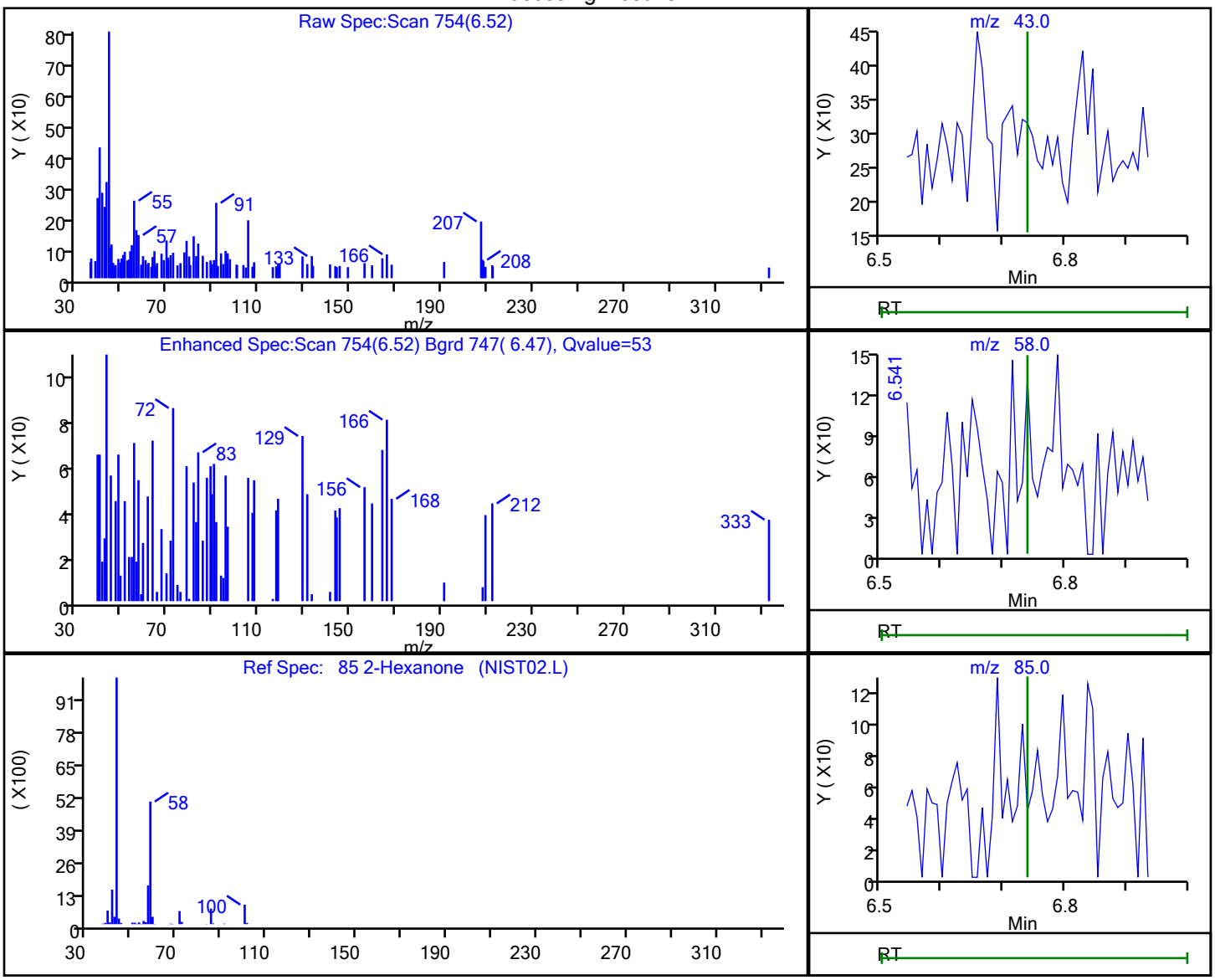
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 85 2-Hexanone, CAS: 591-78-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.52 | 43.00 | 144 | 0.051072 |
| 6.54 | 58.00 | 127 | |
| 6.53 | 85.00 | 240 | |
| 6.52 | 100.00 | 126 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

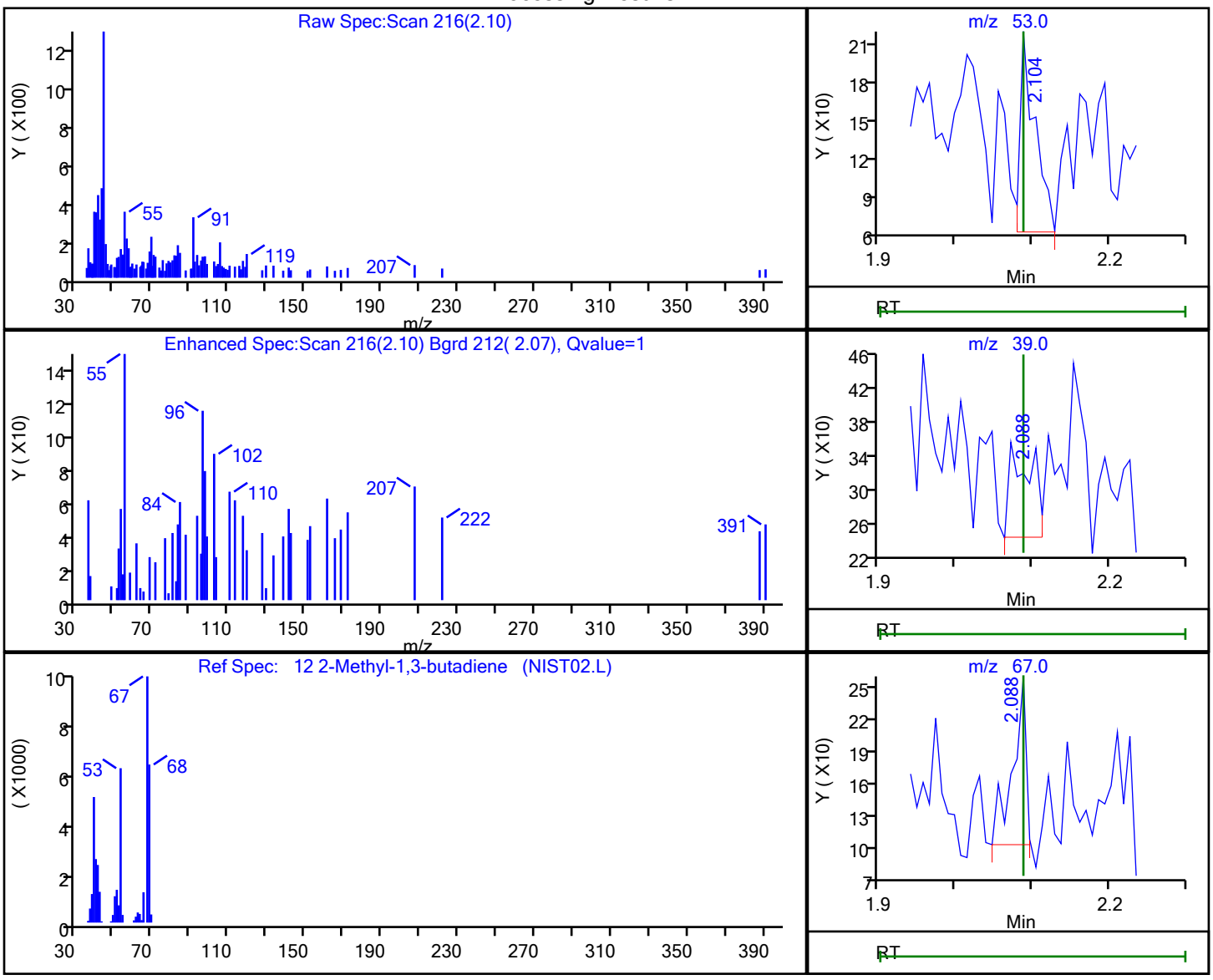
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.10 | 53.00 | 199 | 0.042304 |
| 2.09 | 39.00 | 228 | |
| 2.09 | 67.00 | 190 | |

Reviewer: NN6A, 17-Jan-2025 12:57:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

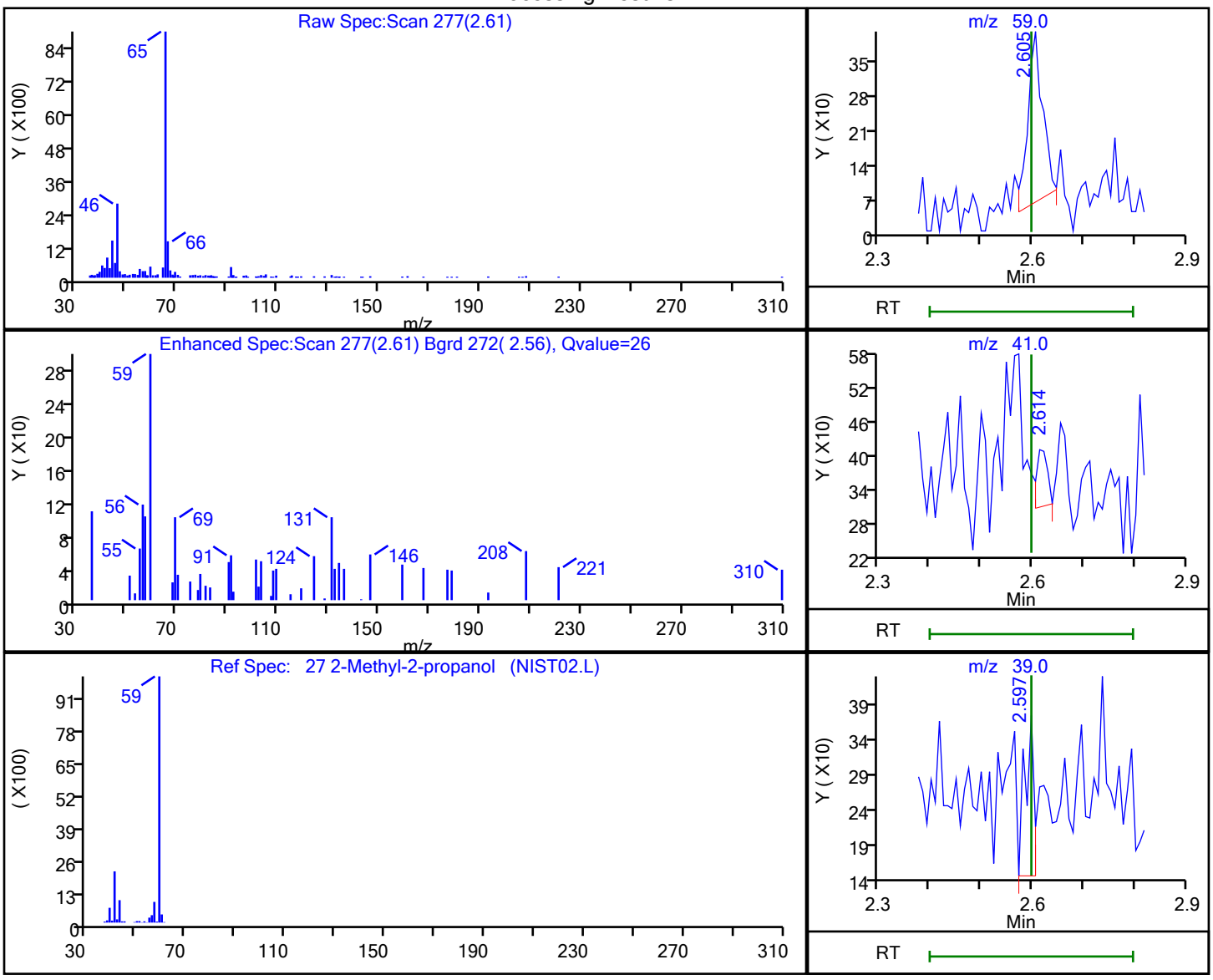
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.61 | 59.00 | 688 | 2.460568 |
| 2.61 | 41.00 | 147 | |
| 2.60 | 39.00 | 278 | |

Reviewer: NN6A, 17-Jan-2025 12:57:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

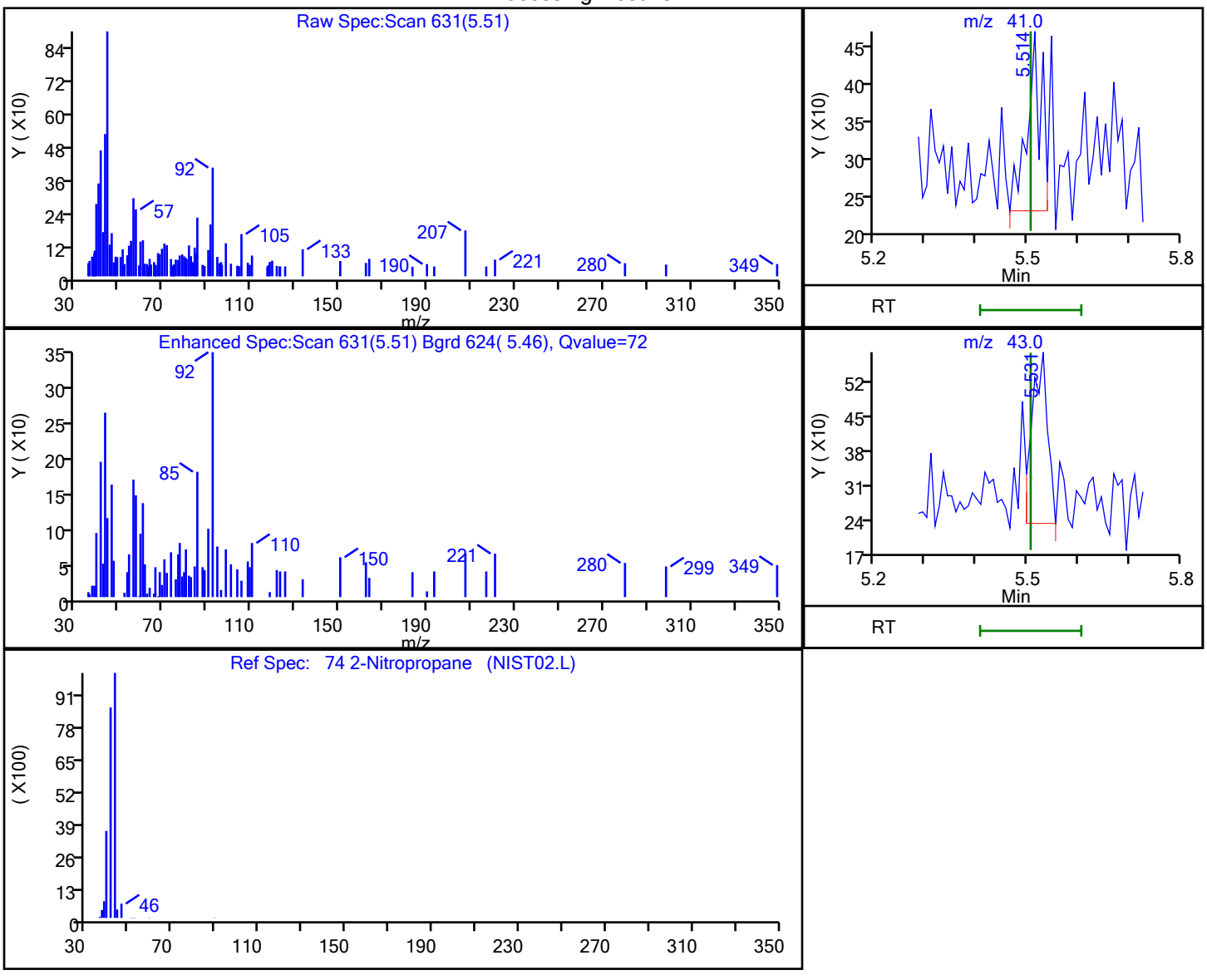
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 74 2-Nitropropane, CAS: 79-46-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.51 | 41.00 | 463 | 0.449618 |
| 5.53 | 43.00 | 729 | |

Reviewer: NN6A, 17-Jan-2025 12:57:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

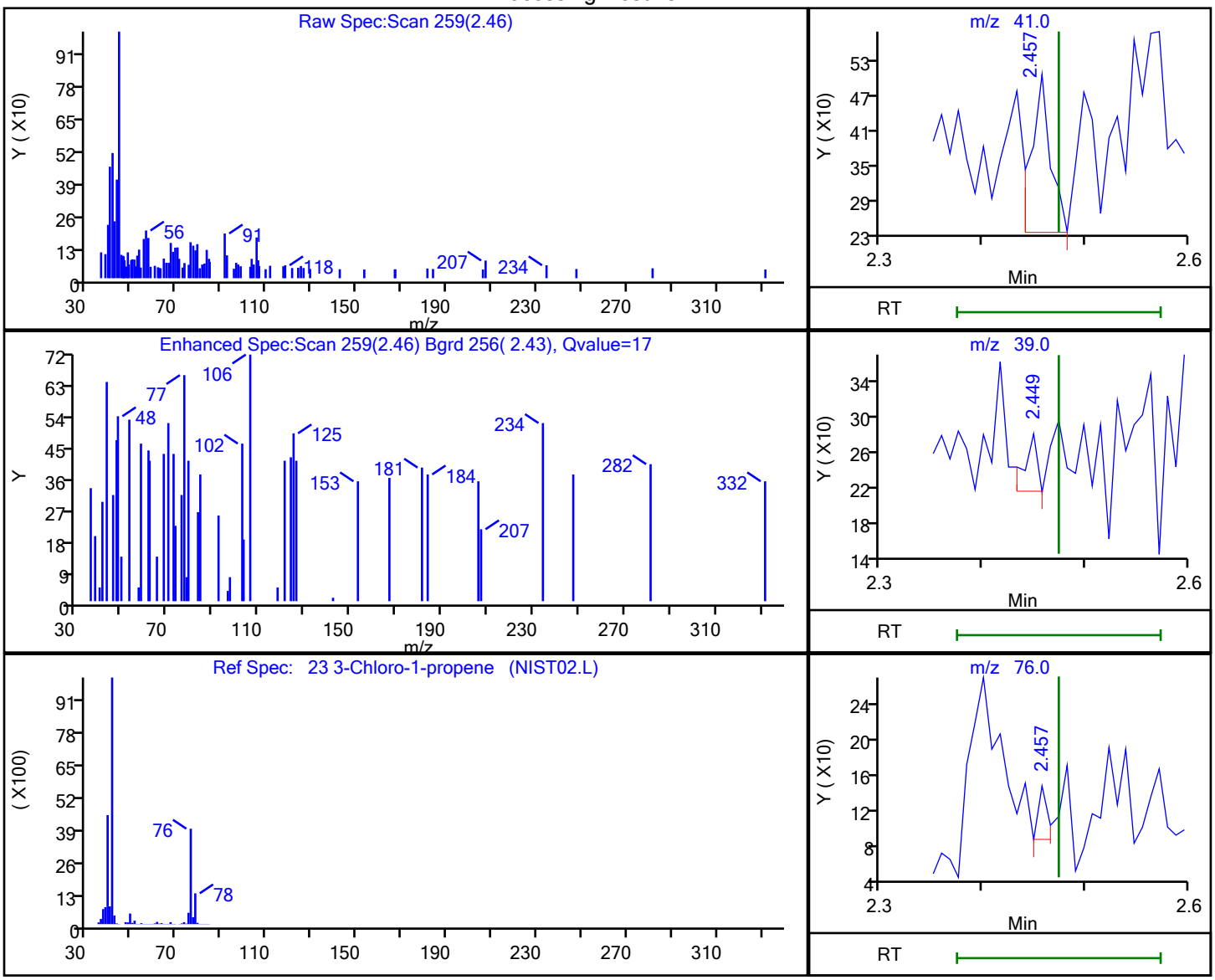
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 23 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.46 | 41.00 | 351 | 0.036946 |
| 2.45 | 39.00 | 58 | |
| 2.46 | 76.00 | 37 | |

Reviewer: NN6A, 17-Jan-2025 12:57:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

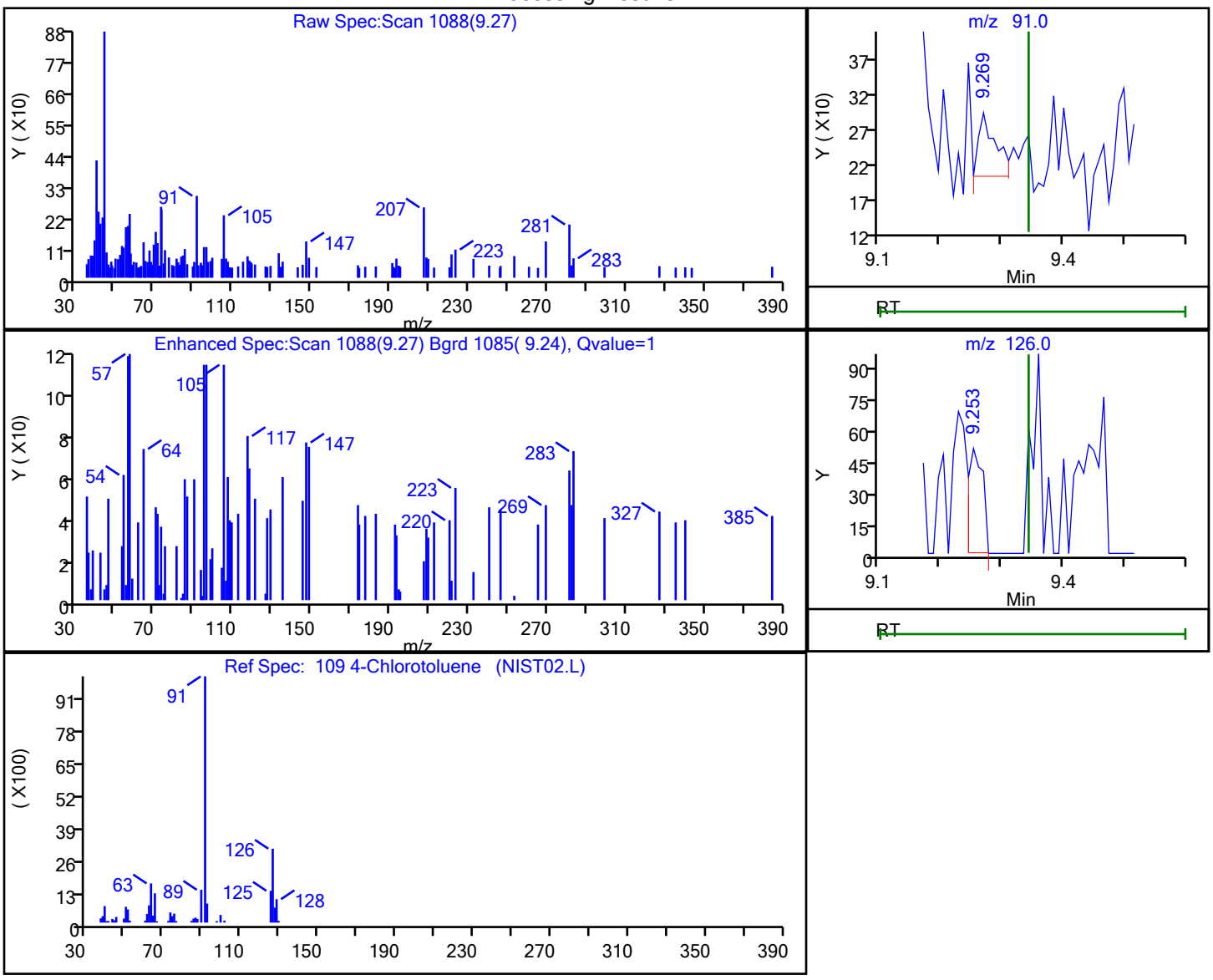
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 109 4-Chlorotoluene, CAS: 106-43-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.27 | 91.00 | 171 | 0.009578 |
| 9.25 | 126.00 | 84 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

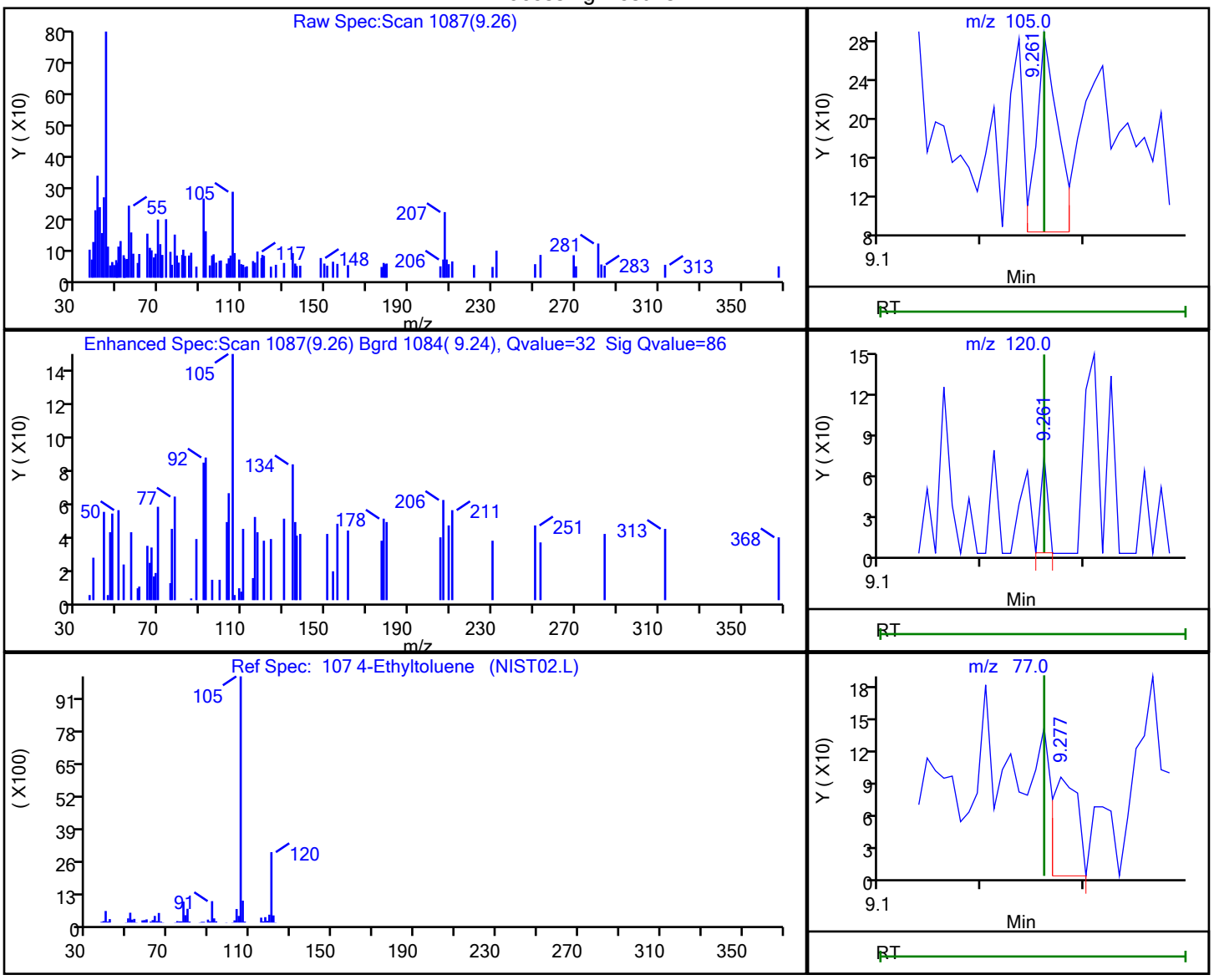
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 107 4-Ethyltoluene, CAS: 622-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.26 | 105.00 | 274 | 0.012563 |
| 9.26 | 120.00 | 35 | |
| 9.28 | 77.00 | 161 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

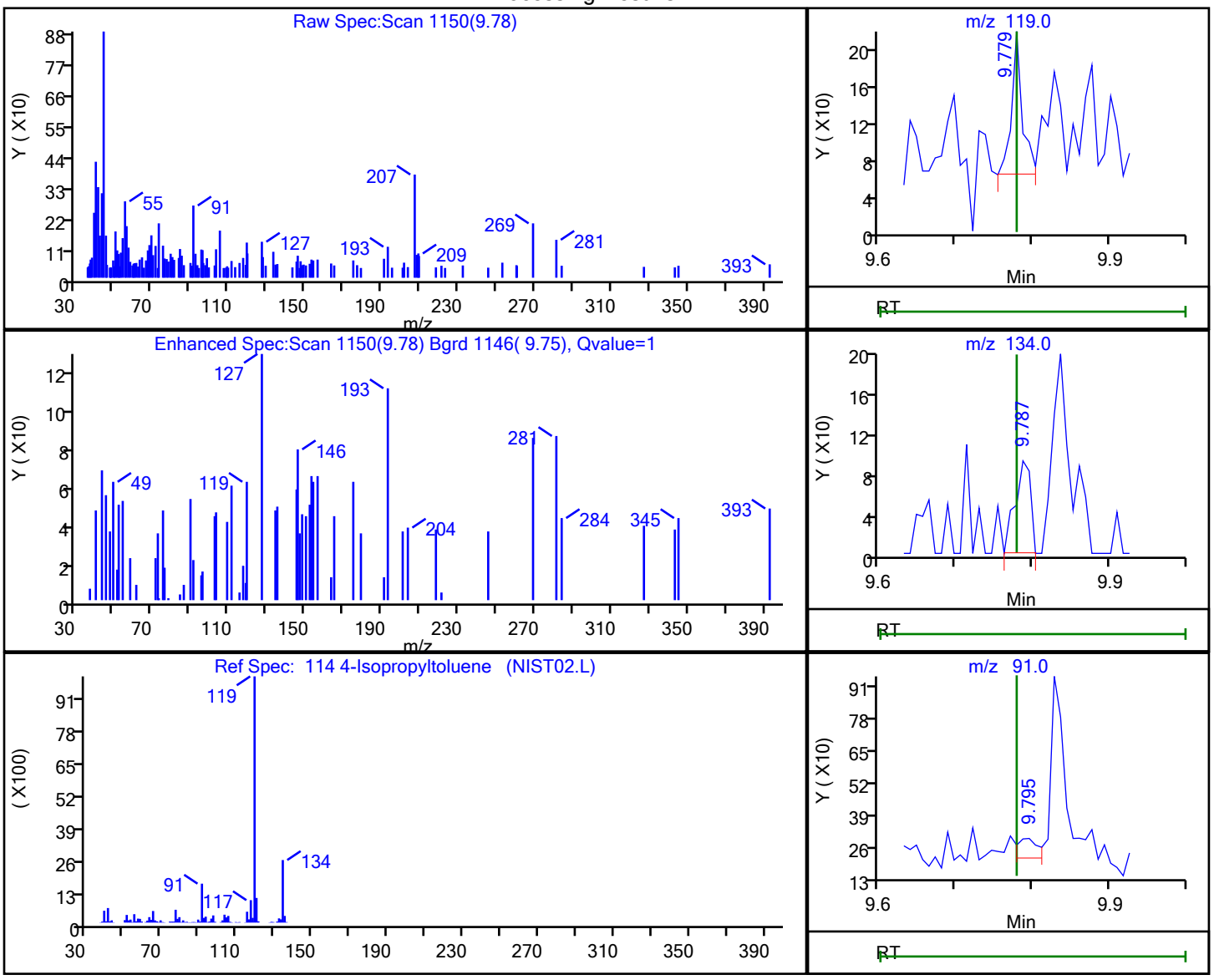
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 114 4-Isopropyltoluene, CAS: 99-87-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.78 | 119.00 | 150 | 0.006770 |
| 9.79 | 134.00 | 128 | |
| 9.80 | 91.00 | 157 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

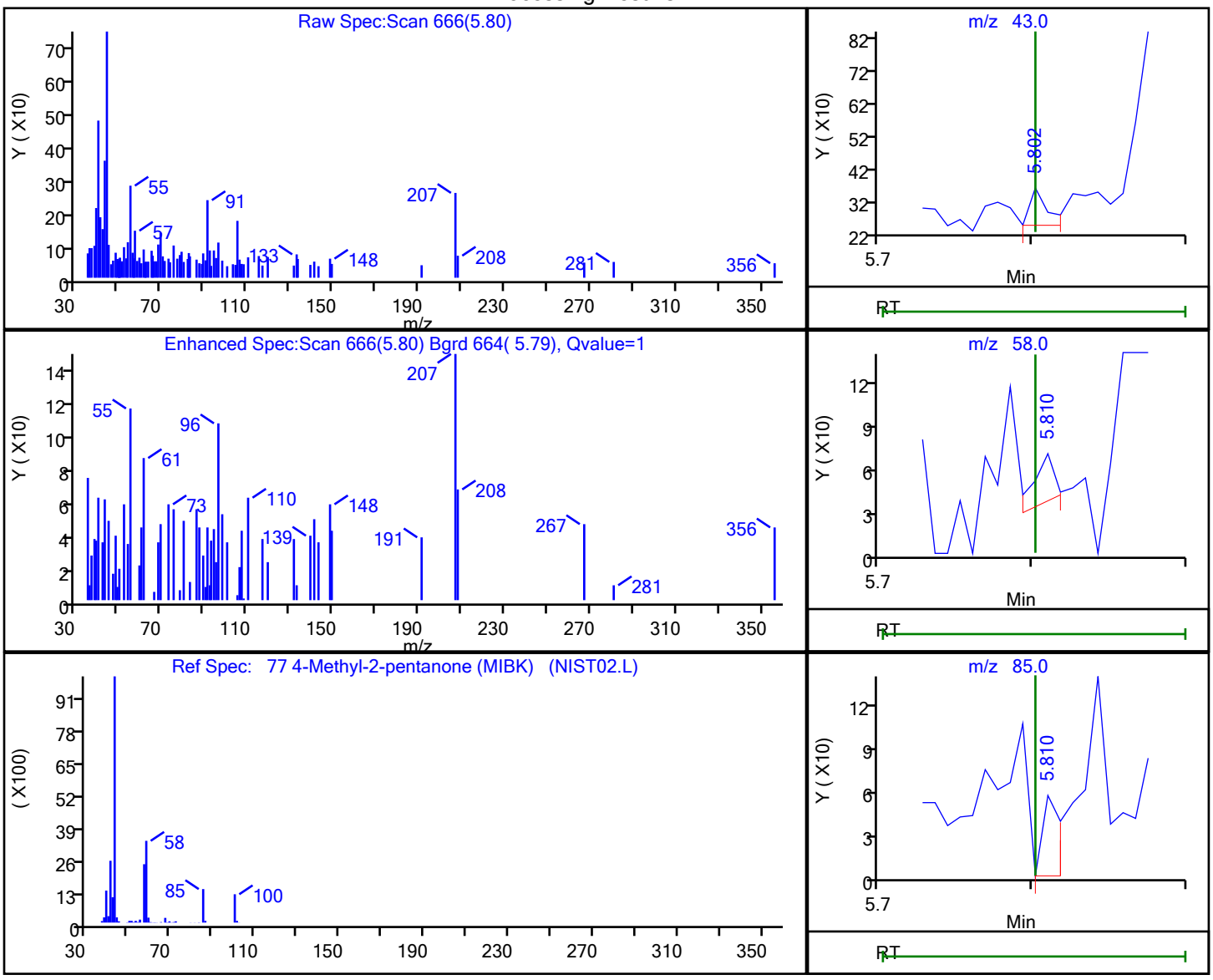
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.80 | 43.00 | 91 | 0.023002 |
| 5.81 | 58.00 | 33 | |
| 5.81 | 85.00 | 46 | |
| 5.79 | 100.00 | 74 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

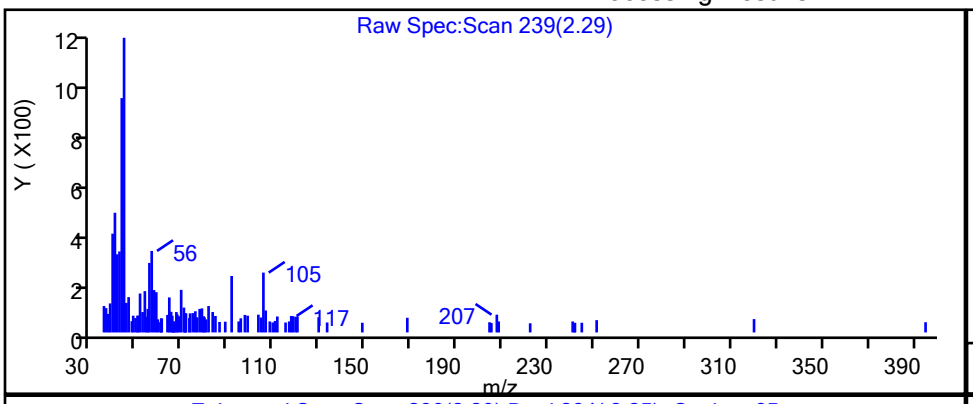
User Disabled Compound Report

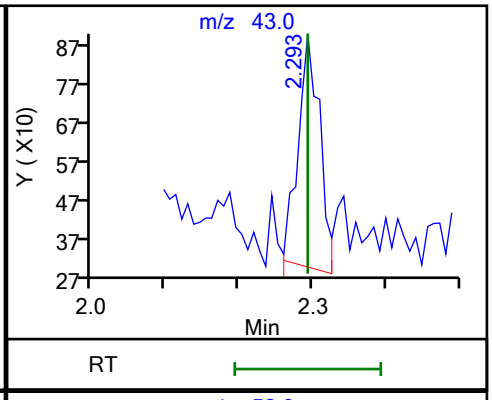
Eurofins Edison

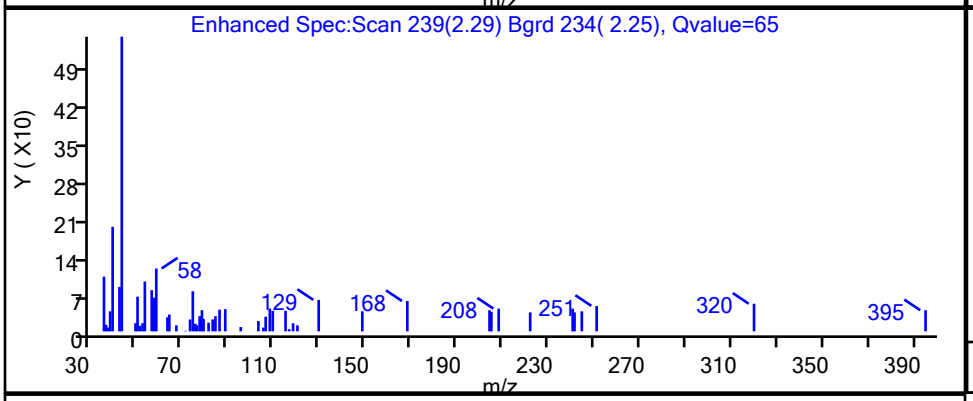
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

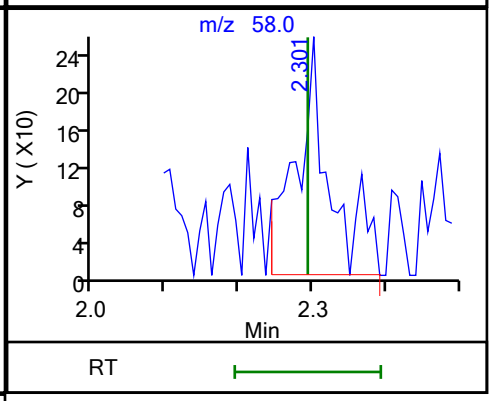
## 18 Acetone, CAS: 67-64-1

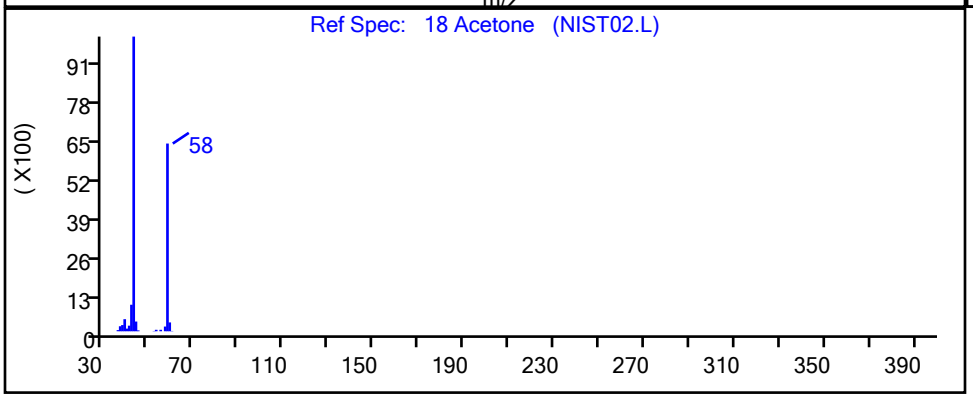
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.29 | 43.00 | 1245 | 0.877668 |
| 2.30 | 58.00 | 831 | |

Reviewer: NN6A, 17-Jan-2025 12:57:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

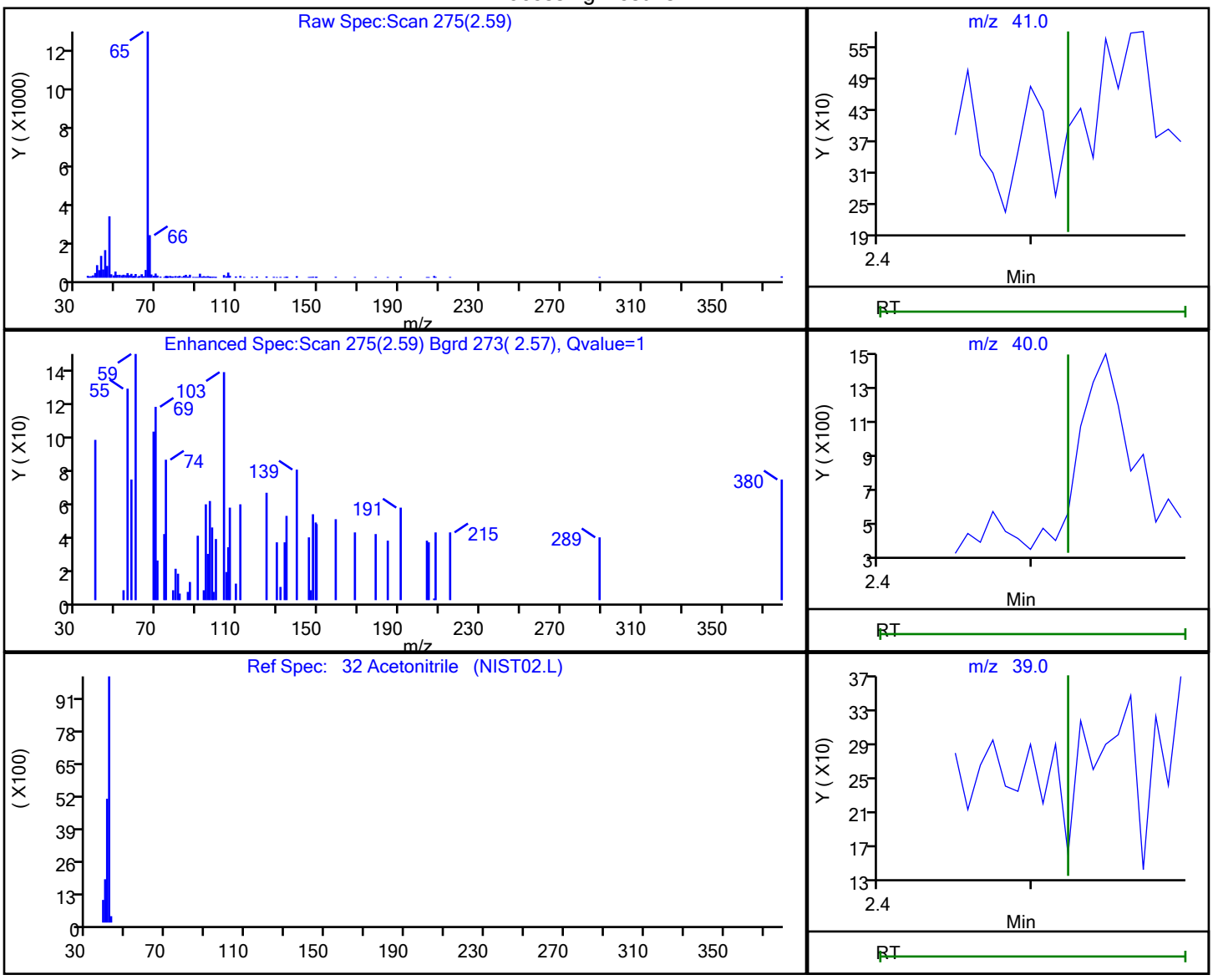
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.59 | 41.00 | 346 | 0.991008 |
| 2.59 | 40.00 | 318 | |
| 2.60 | 39.00 | 295 | |
| 2.60 | 38.00 | 143 | |

Reviewer: NN6A, 17-Jan-2025 12:57:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

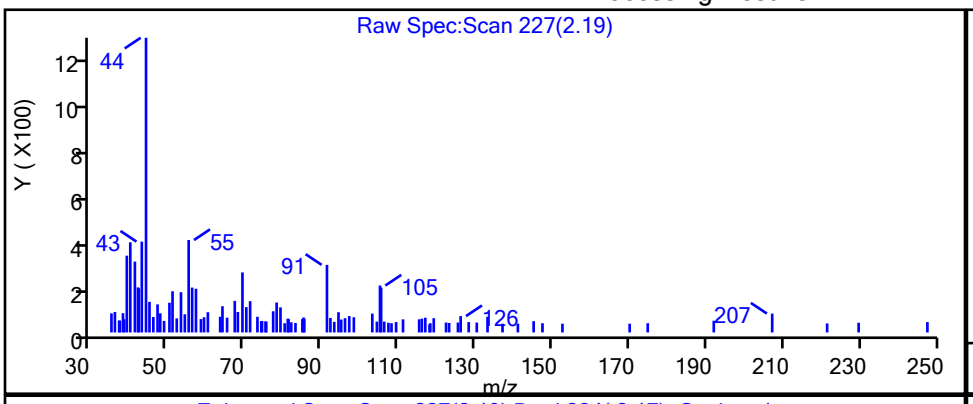
User Disabled Compound Report

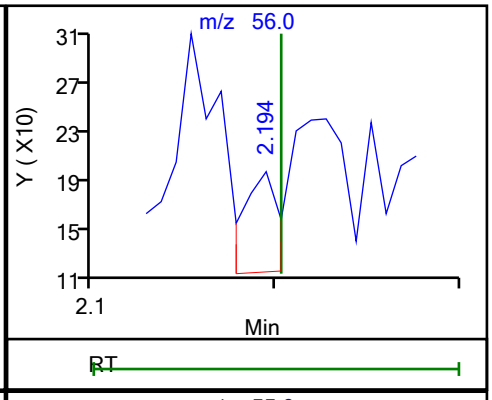
Eurofins Edison

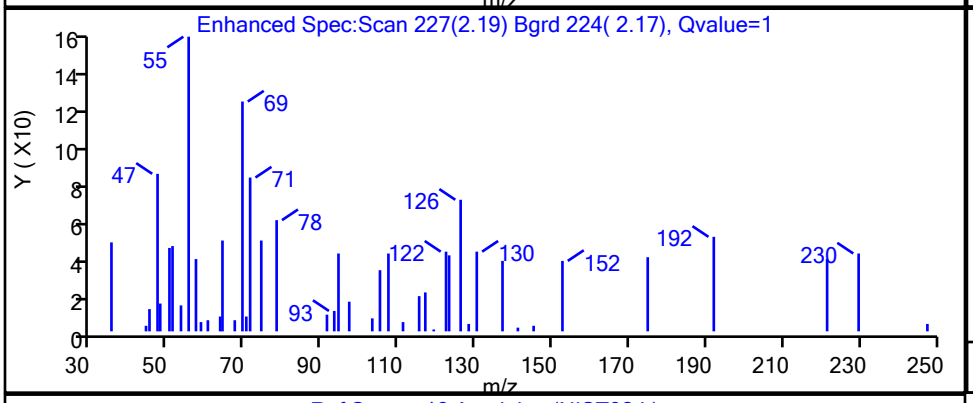
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

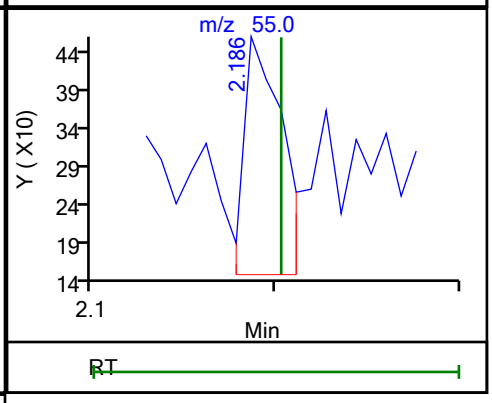
## 16 Acrolein, CAS: 107-02-8

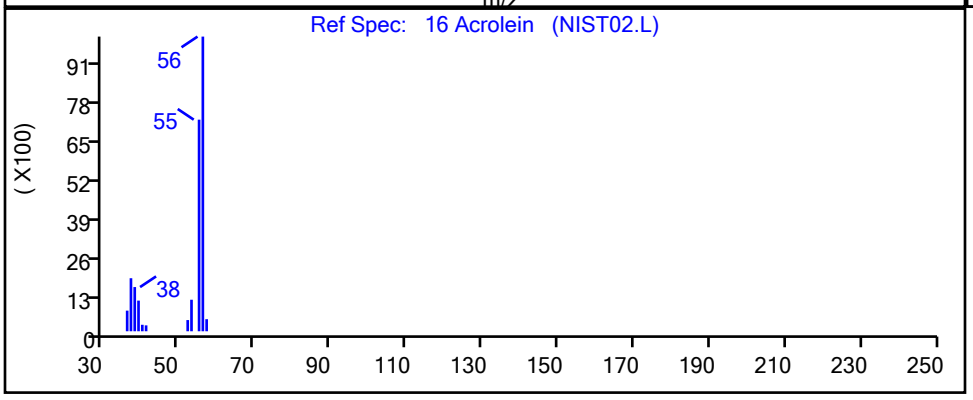
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.19 | 56.00 | 115 | 0.176312 |
| 2.19 | 55.00 | 462 | |

Reviewer: NN6A, 17-Jan-2025 12:57:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

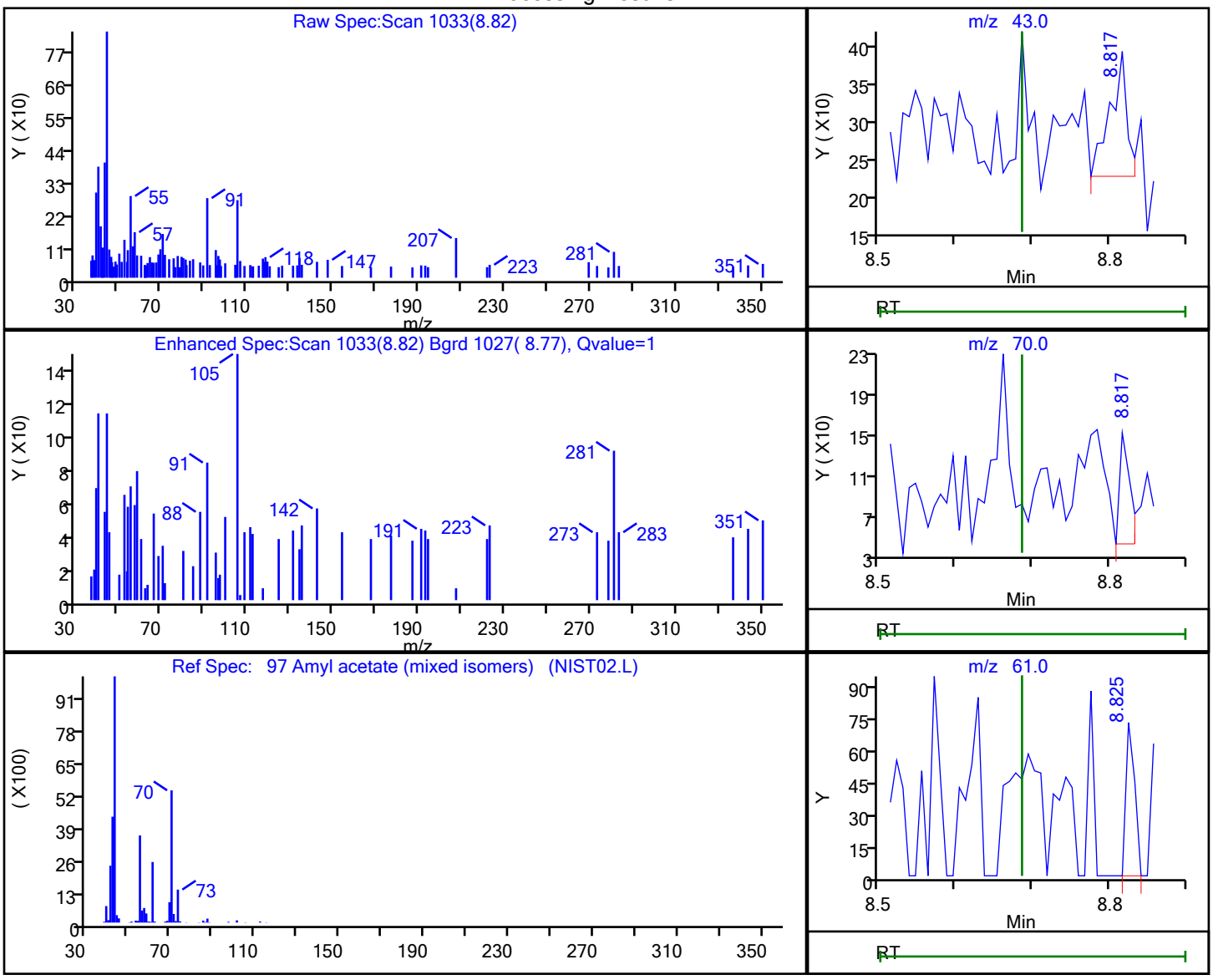
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 97 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.82 | 43.00 | 249 | 0.026677 |
| 8.82 | 70.00 | 96 | |
| 8.83 | 61.00 | 58 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

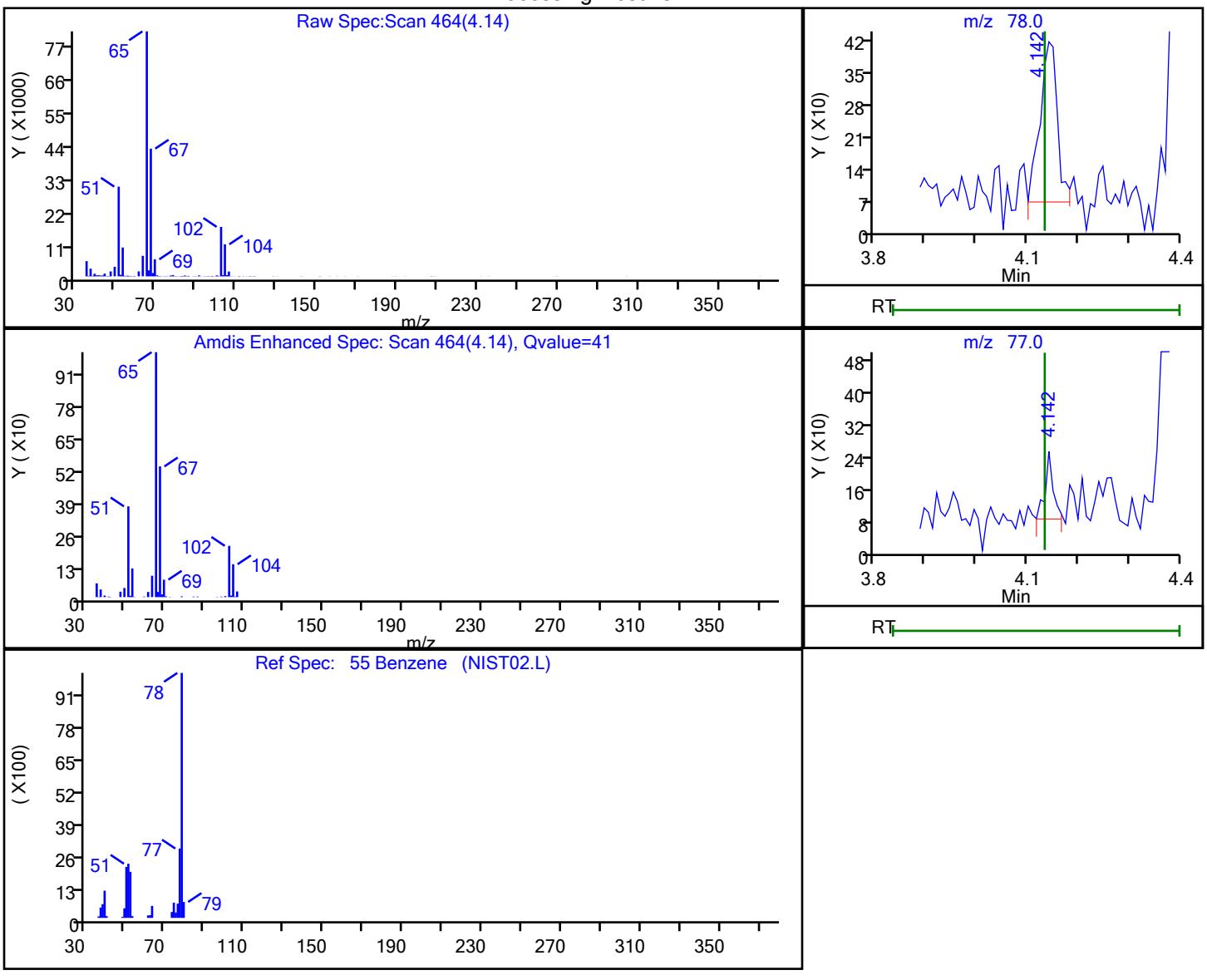
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 55 Benzene, CAS: 71-43-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.14 | 78.00 | 815 | 0.044161 |
| 4.14 | 77.00 | 184 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

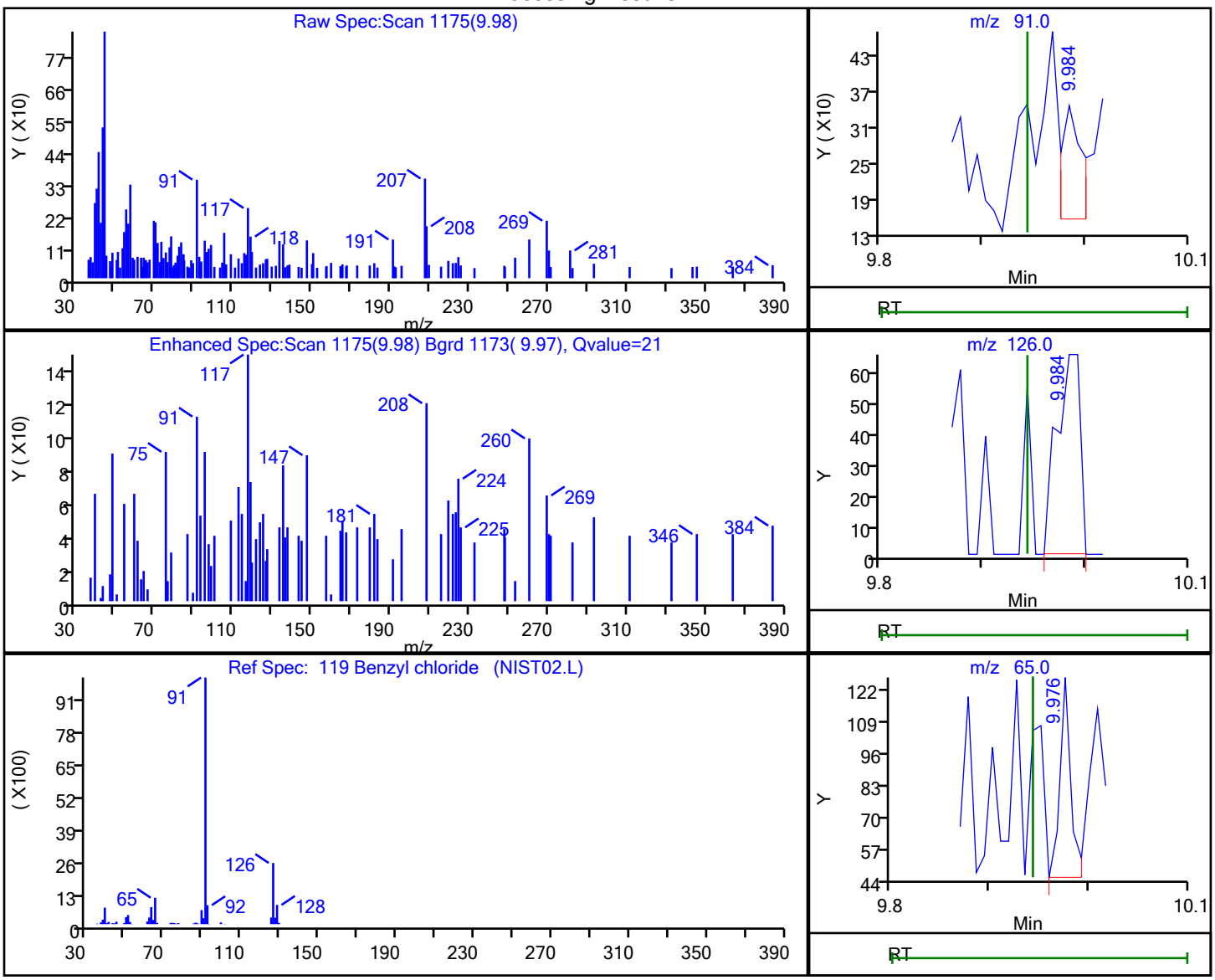
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 119 Benzyl chloride, CAS: 100-44-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.98 | 91.00 | 254 | 0.020611 |
| 9.98 | 126.00 | 106 | |
| 9.98 | 65.00 | 64 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

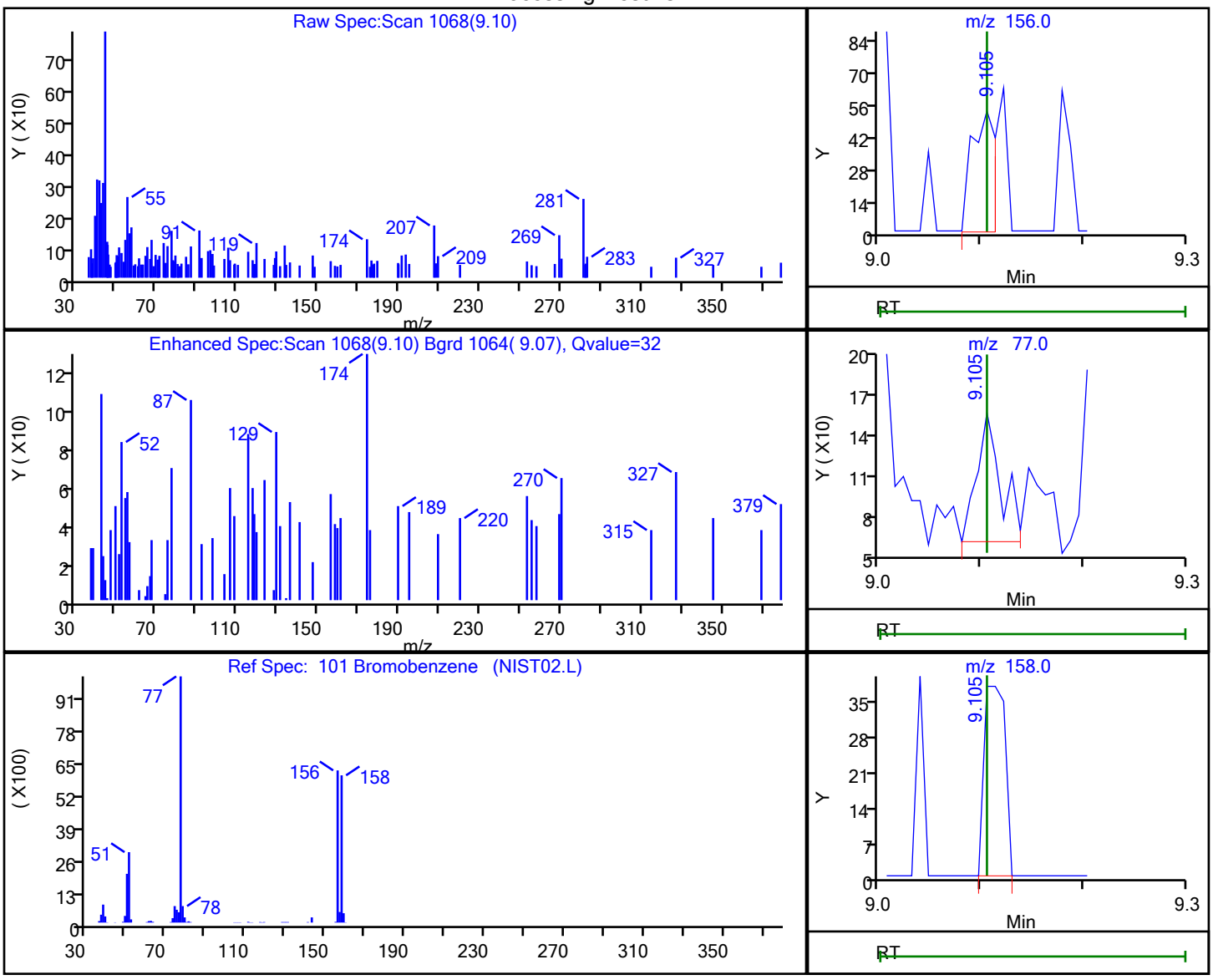
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 101 Bromobenzene, CAS: 108-86-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.10 | 156.00 | 86 | 0.014567 |
| 9.10 | 77.00 | 150 | |
| 9.10 | 158.00 | 55 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

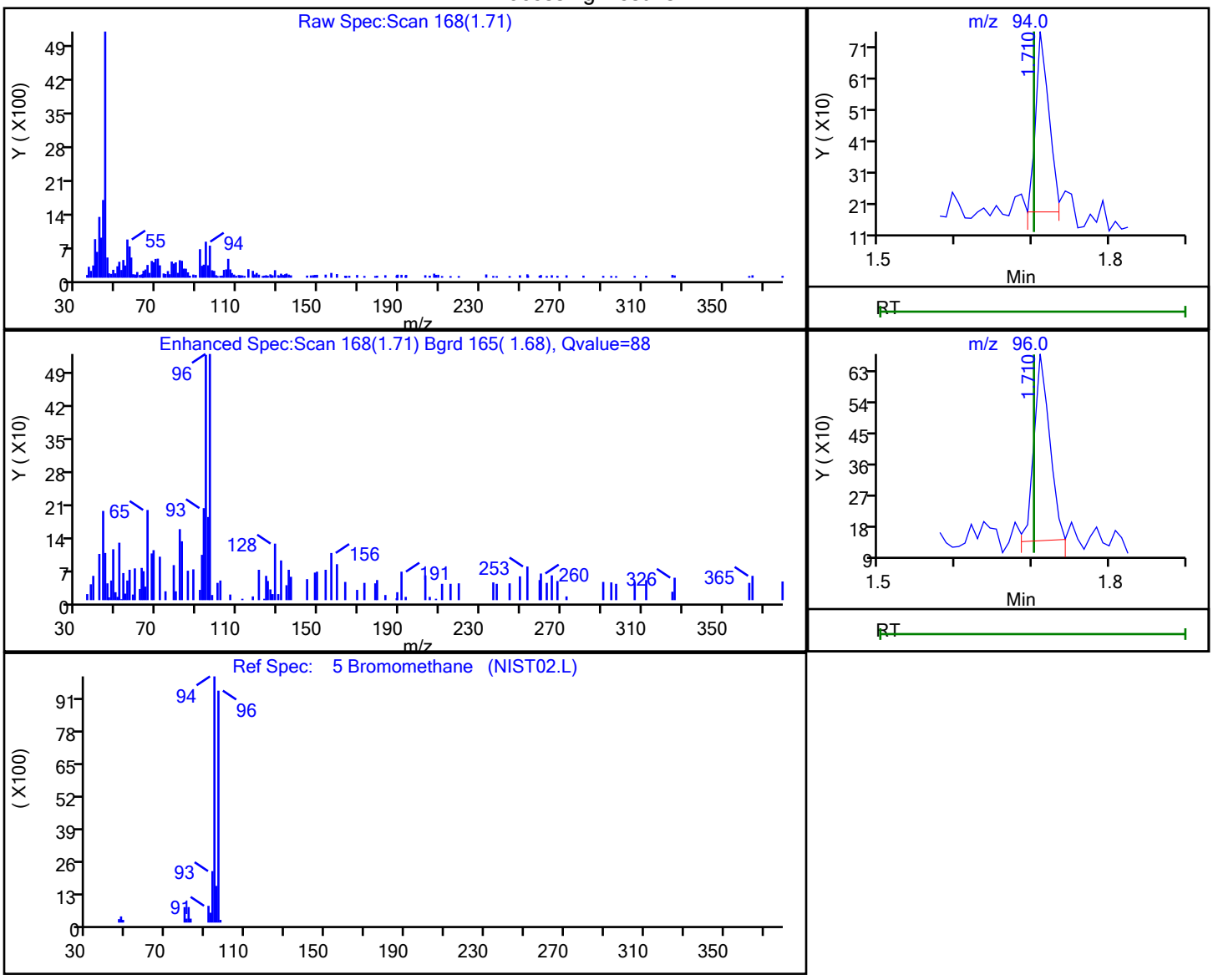
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 5 Bromomethane, CAS: 74-83-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.71 | 94.00 | 700 | 0.177675 |
| 1.71 | 96.00 | 778 | |

Reviewer: NN6A, 17-Jan-2025 12:57:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

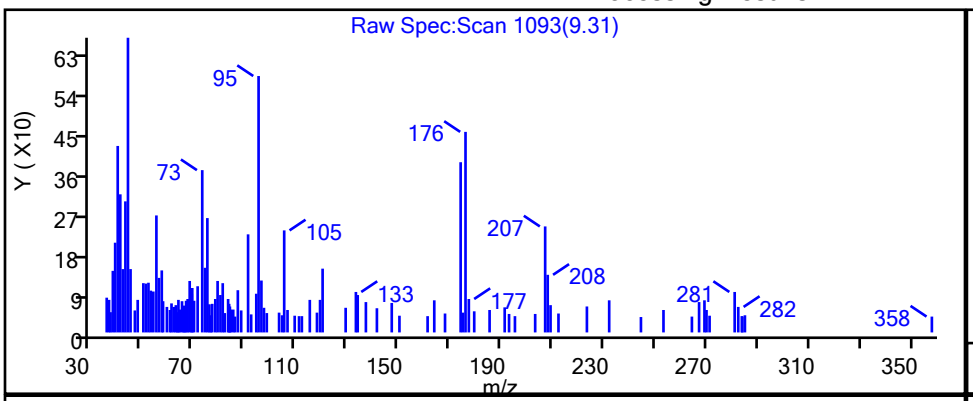
User Disabled Compound Report

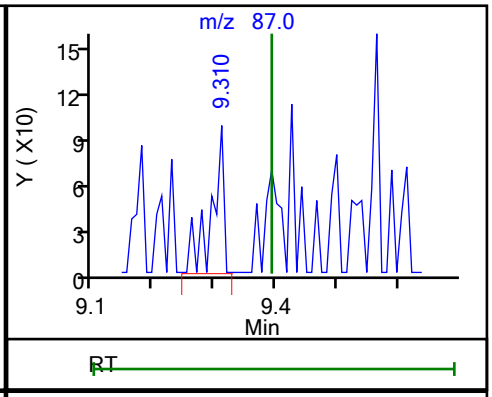
Eurofins Edison

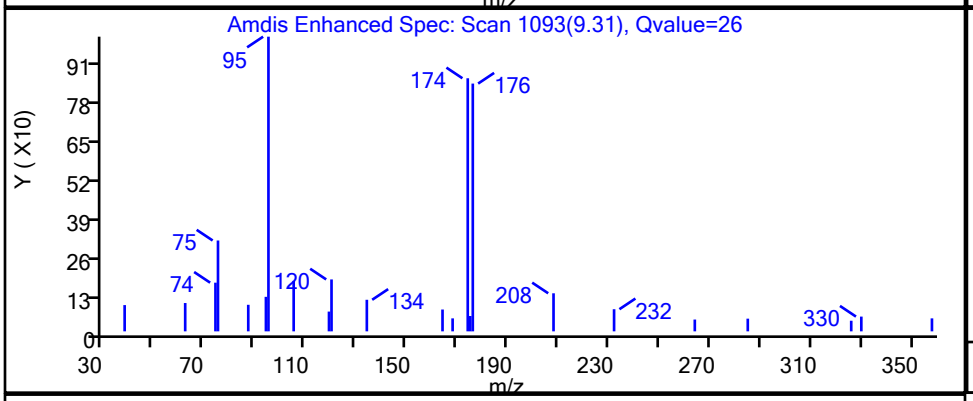
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

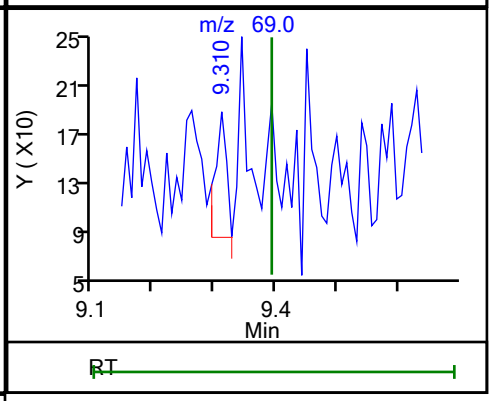
## 110 Butyl Methacrylate, CAS: 97-88-1

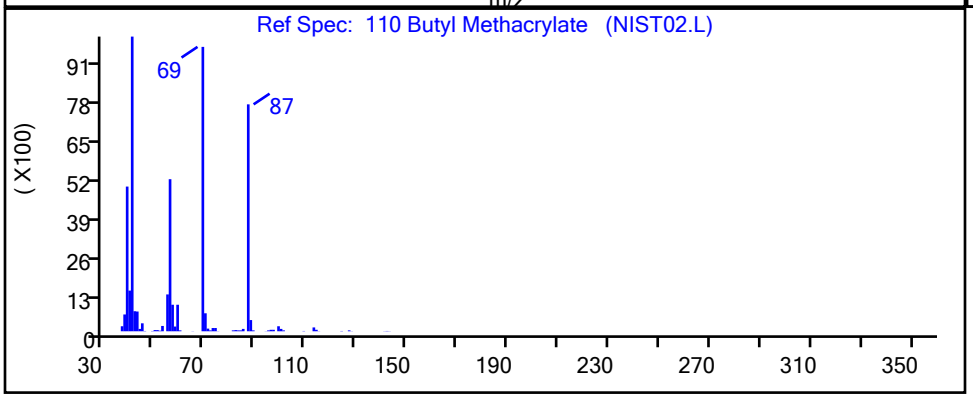
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.31 | 87.00 | 129 | 0.015895 |
| 9.31 | 69.00 | 131 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

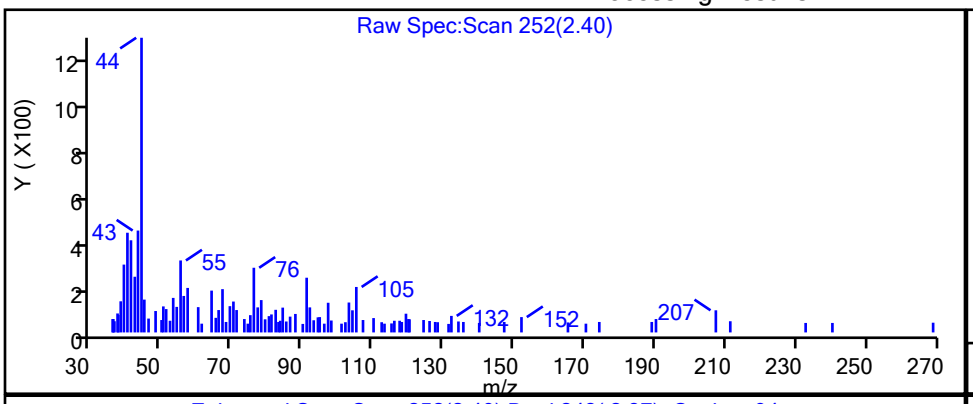
User Disabled Compound Report

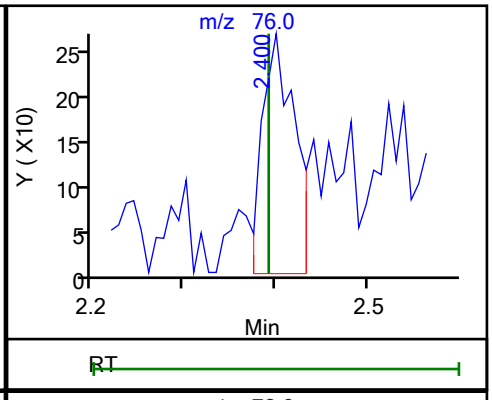
Eurofins Edison

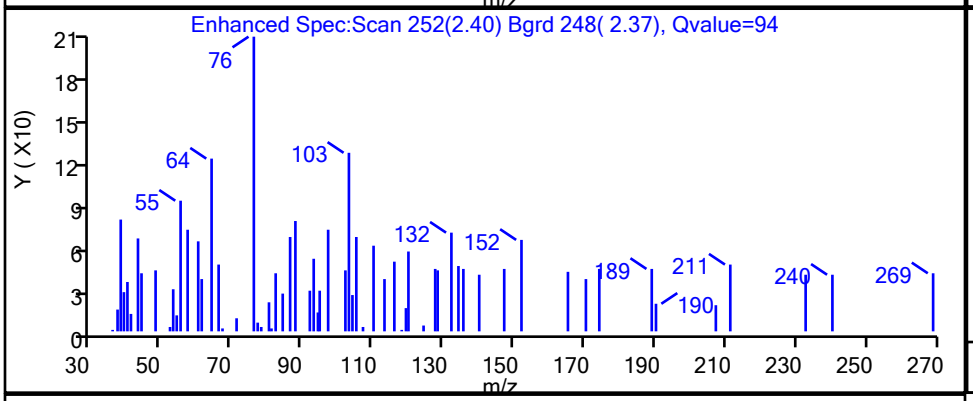
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

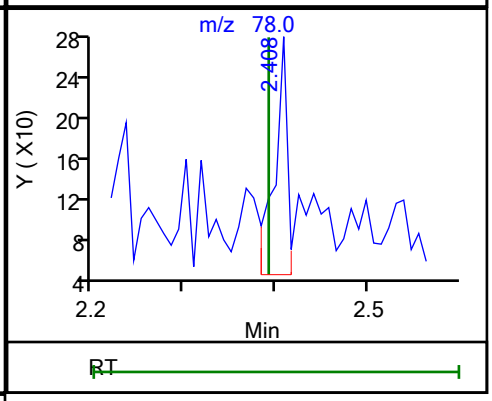
## 21 Carbon disulfide, CAS: 75-15-0

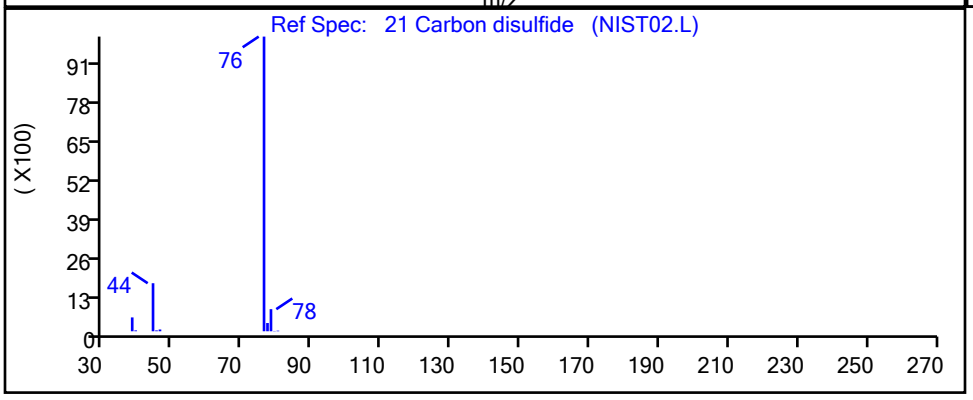
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.40 | 76.00 | 662 | 0.036257 |
| 2.41 | 78.00 | 221 | |

Reviewer: NN6A, 17-Jan-2025 12:57:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

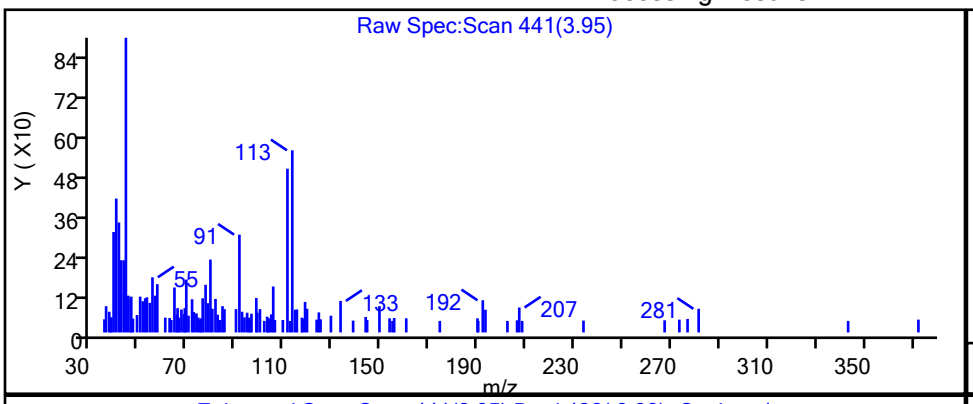
User Disabled Compound Report

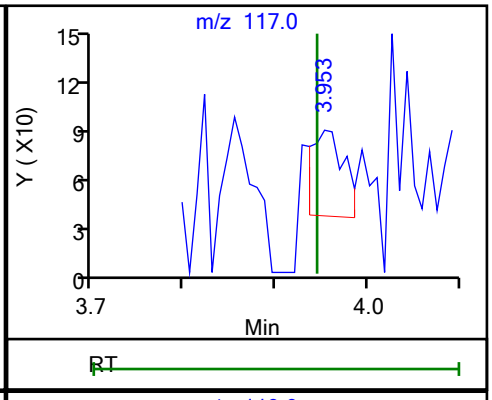
Eurofins Edison

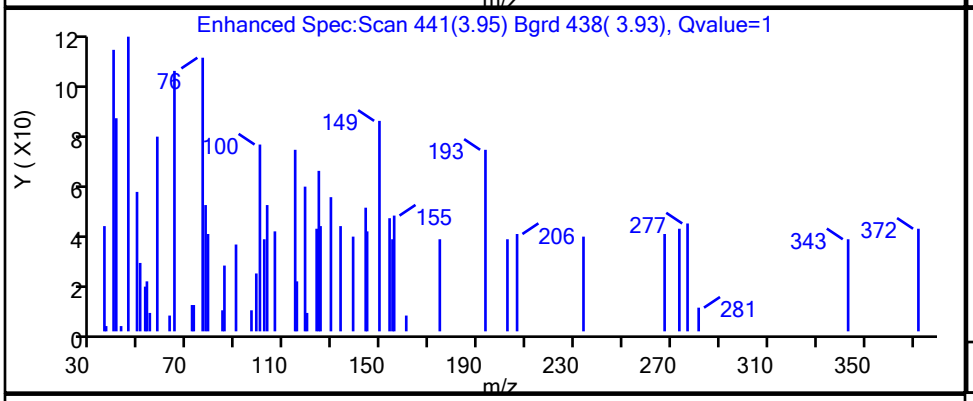
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

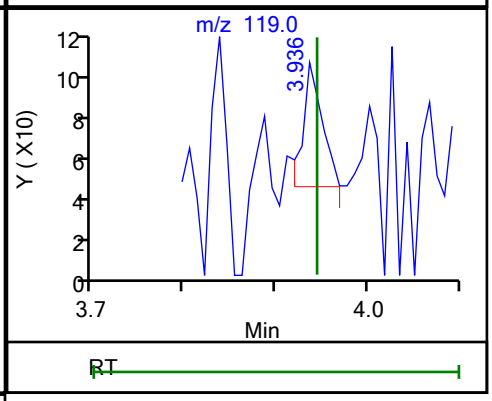
## 52 Carbon tetrachloride, CAS: 56-23-5

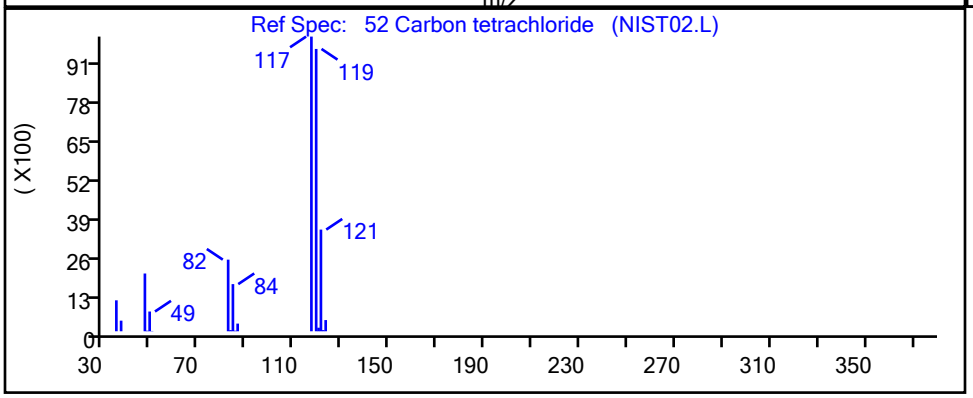
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.95 | 117.00 | 134 | 0.019061 |
| 3.94 | 119.00 | 89 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

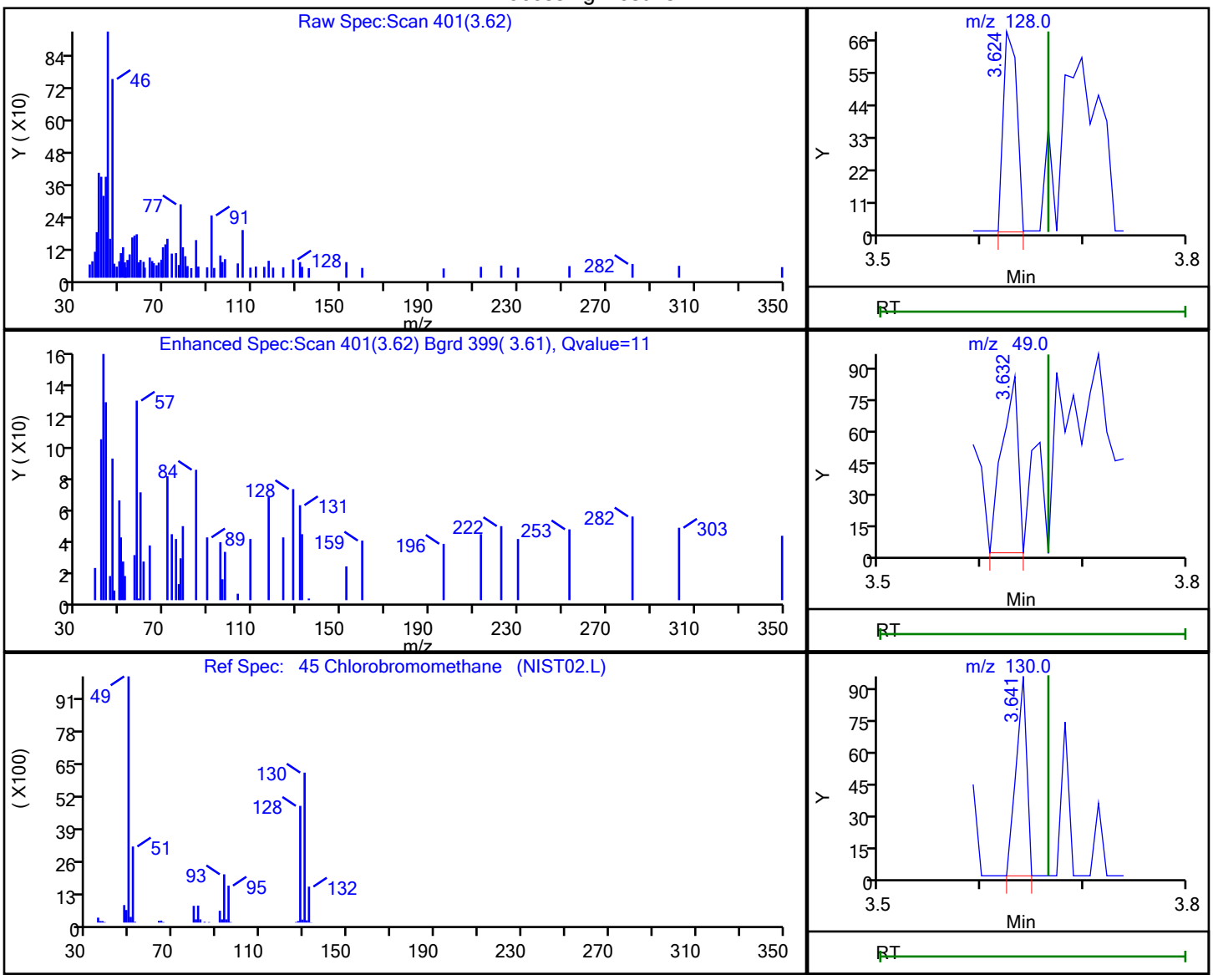
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 45 Chlorobromomethane, CAS: 74-97-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.62 | 128.00 | 64 | 0.021193 |
| 3.63 | 49.00 | 95 | |
| 3.64 | 130.00 | 70 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

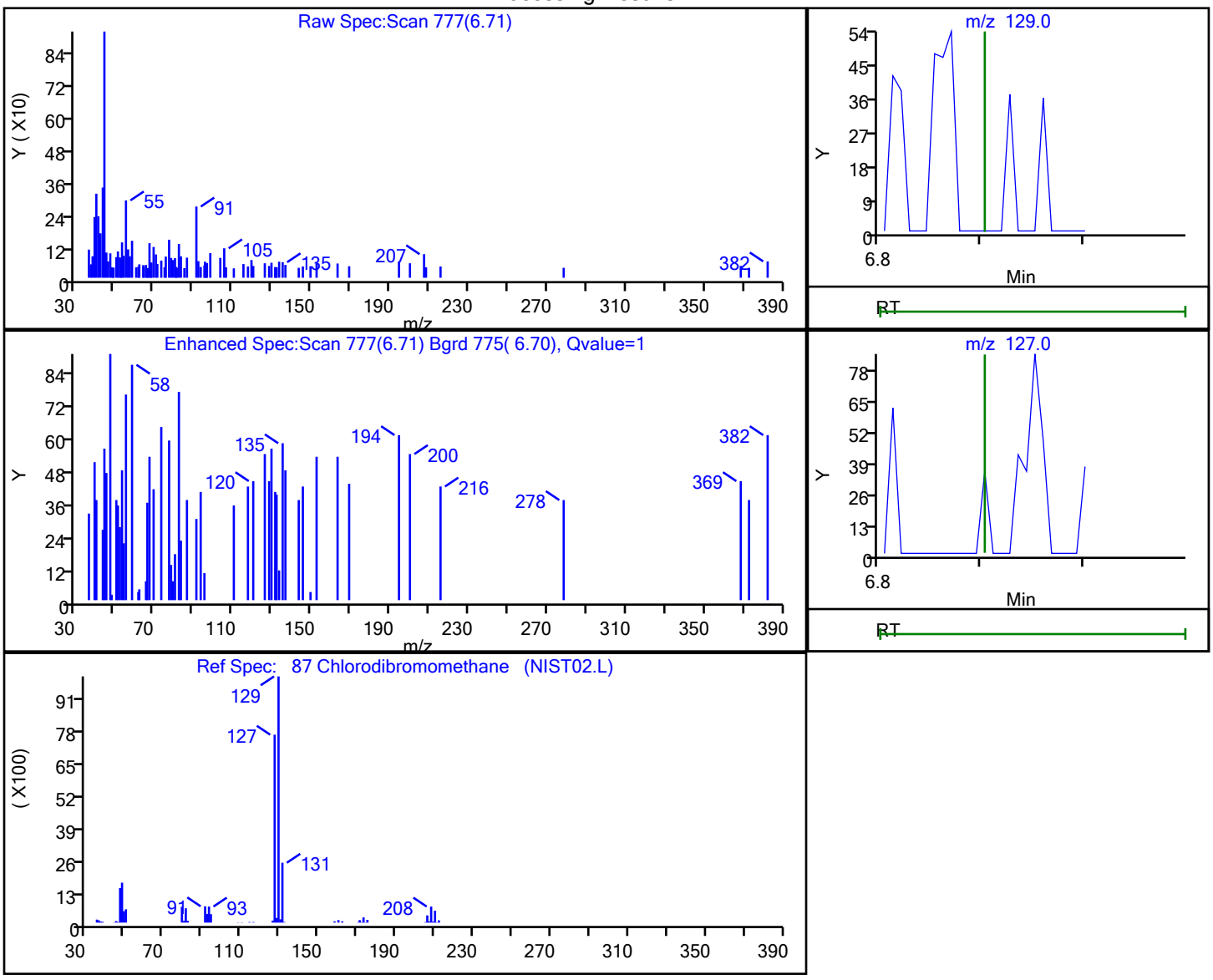
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D | | | | |
| Injection Date: | 16-Jan-2025 04:11:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 87 Chlorodibromomethane, CAS: 124-48-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.71 | 129.00 | 45 | 0.013072 |
| 6.71 | 127.00 | 67 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

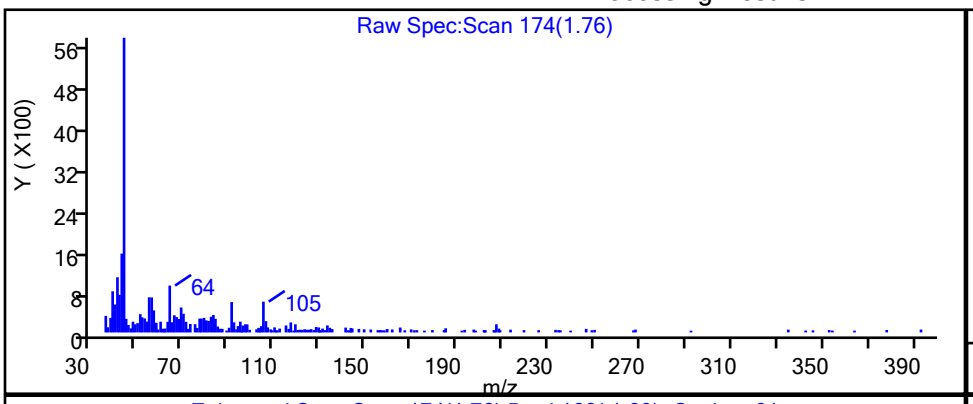
User Disabled Compound Report

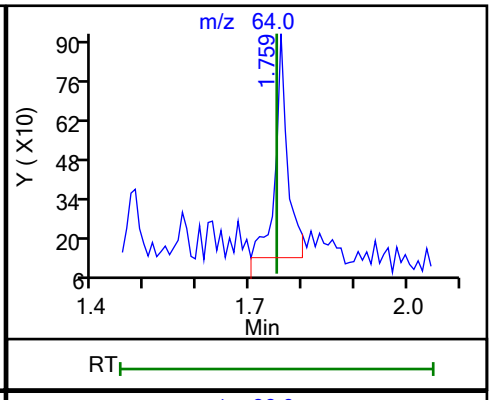
Eurofins Edison

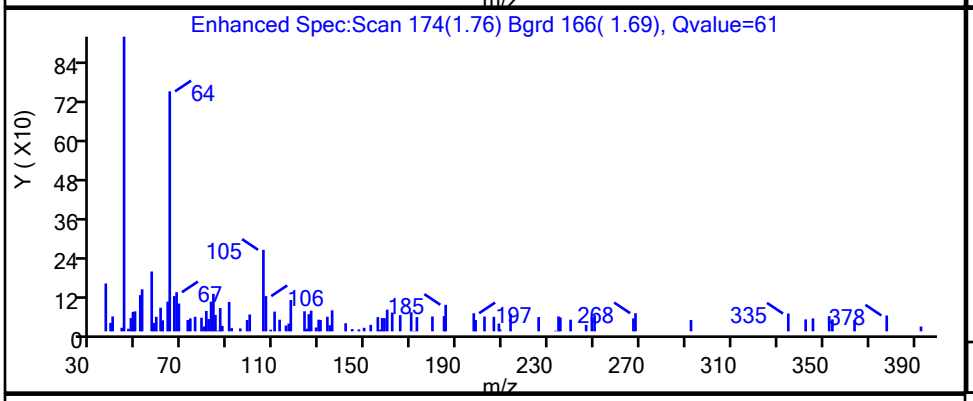
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

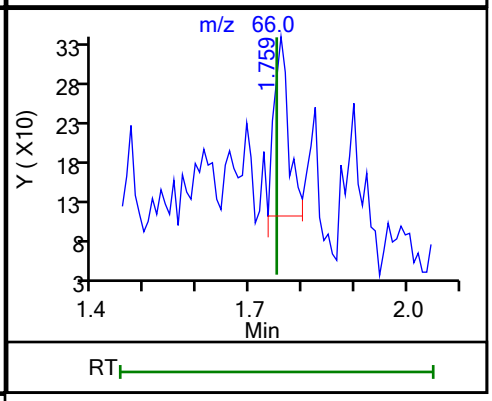
## 6 Chloroethane, CAS: 75-00-3

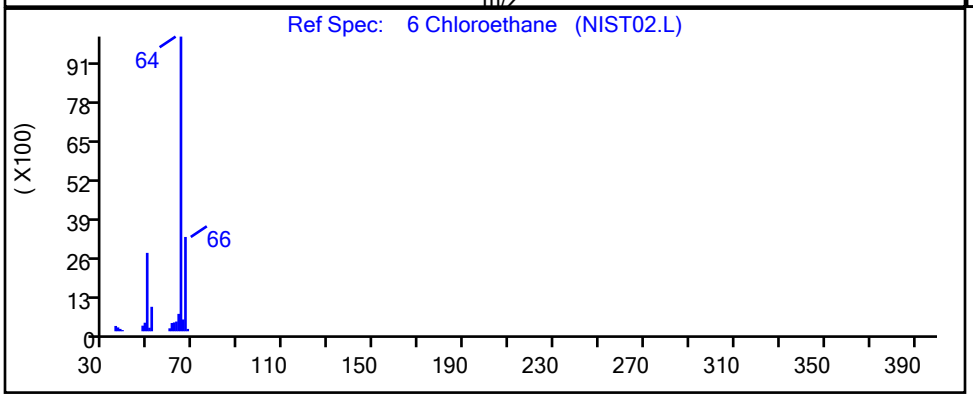
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.76 | 64.00 | 1310 | 0.310116 |
| 1.76 | 66.00 | 437 | |

Reviewer: NN6A, 17-Jan-2025 12:57:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

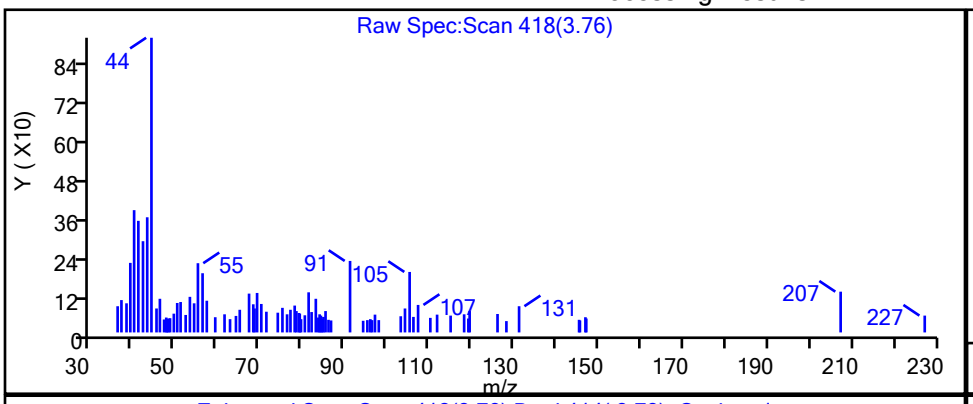
User Disabled Compound Report

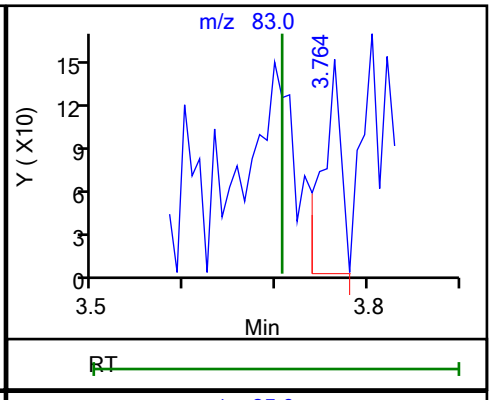
Eurofins Edison

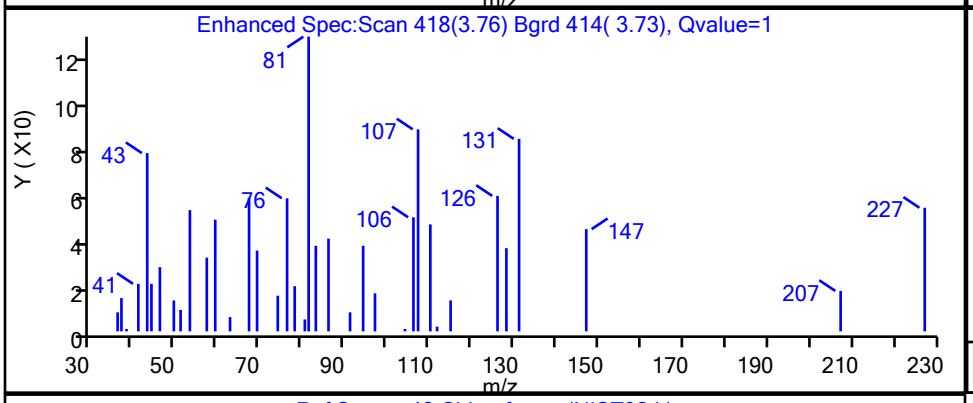
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

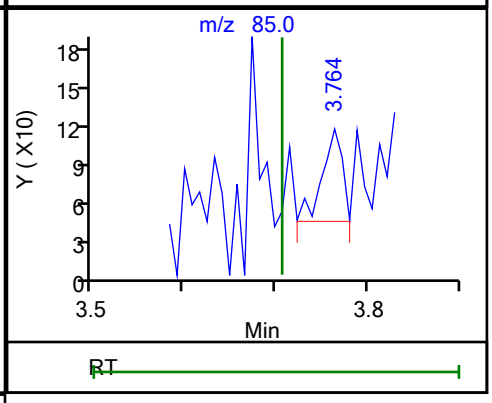
## 48 Chloroform, CAS: 67-66-3

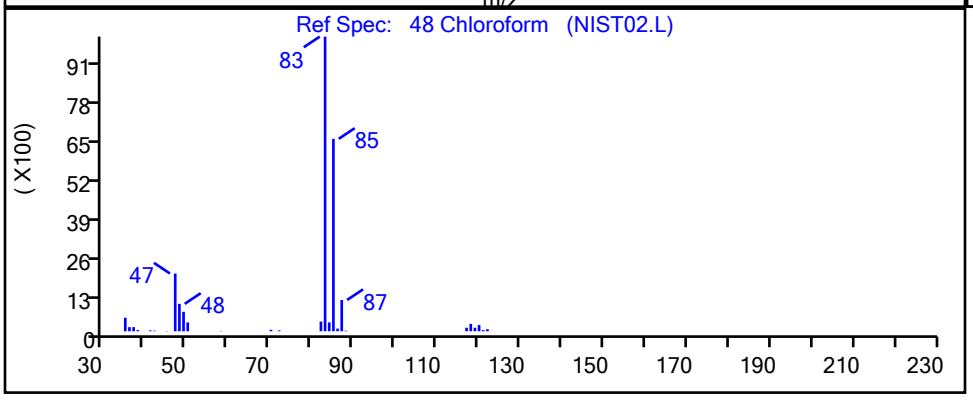
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.76 | 83.00 | 210 | 0.021233 |
| 3.76 | 85.00 | 108 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

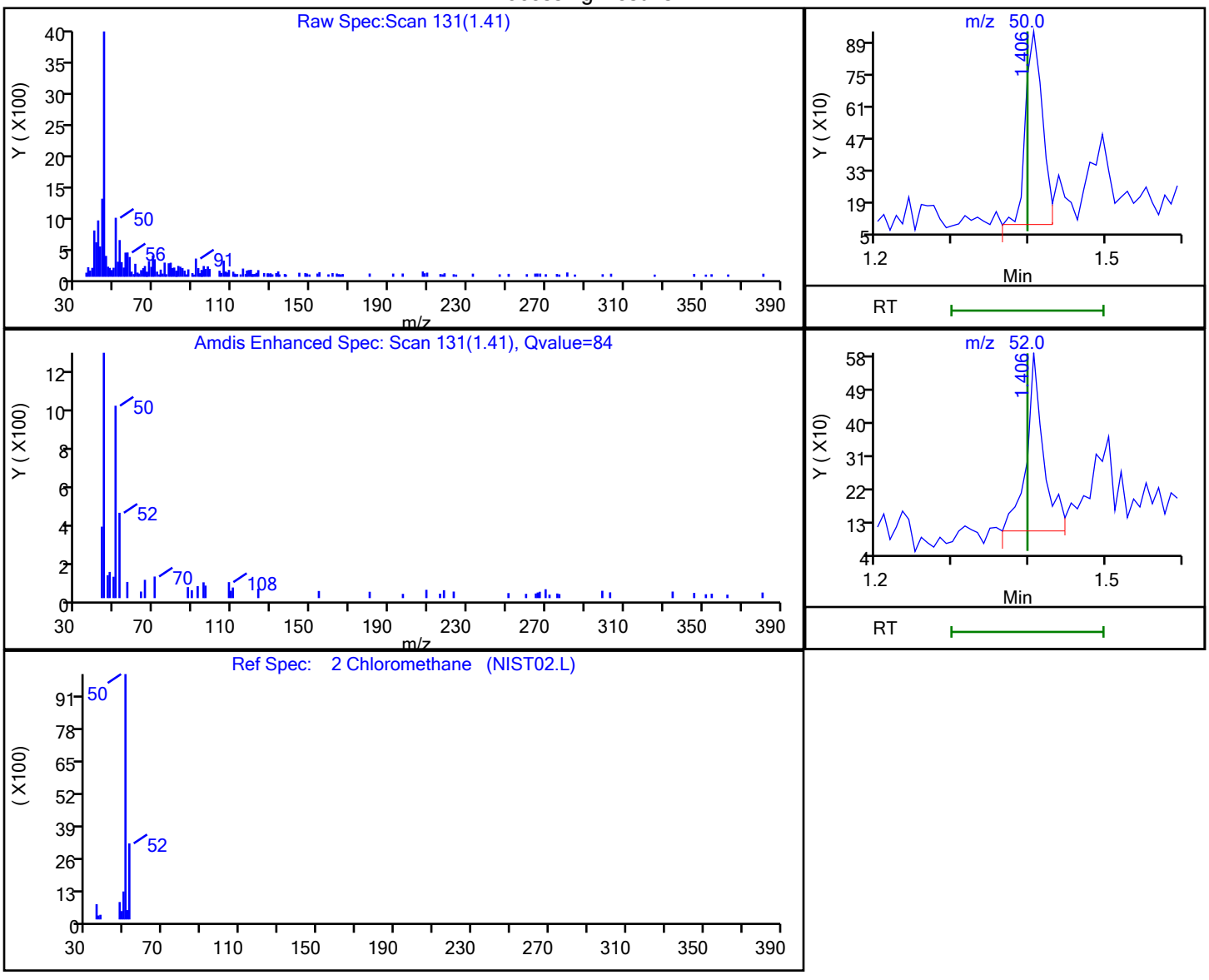
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 2 Chloromethane, CAS: 74-87-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.41 | 50.00 | 1354 | 0.189732 |
| 1.41 | 52.00 | 758 | |

Reviewer: NN6A, 17-Jan-2025 12:57:04 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

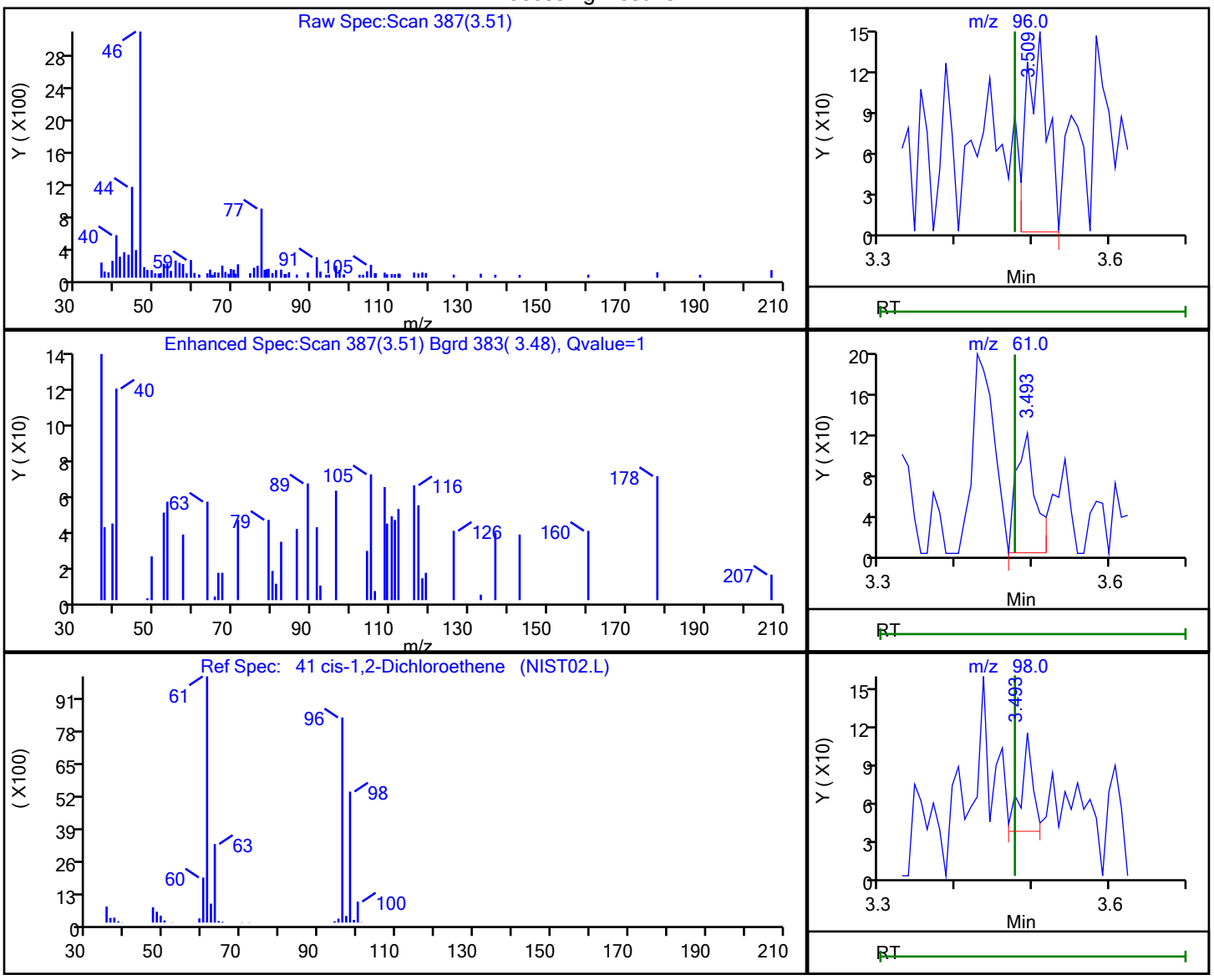
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 41 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.51 | 96.00 | 264 | 0.041645 |
| 3.49 | 61.00 | 211 | |
| 3.49 | 98.00 | 85 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

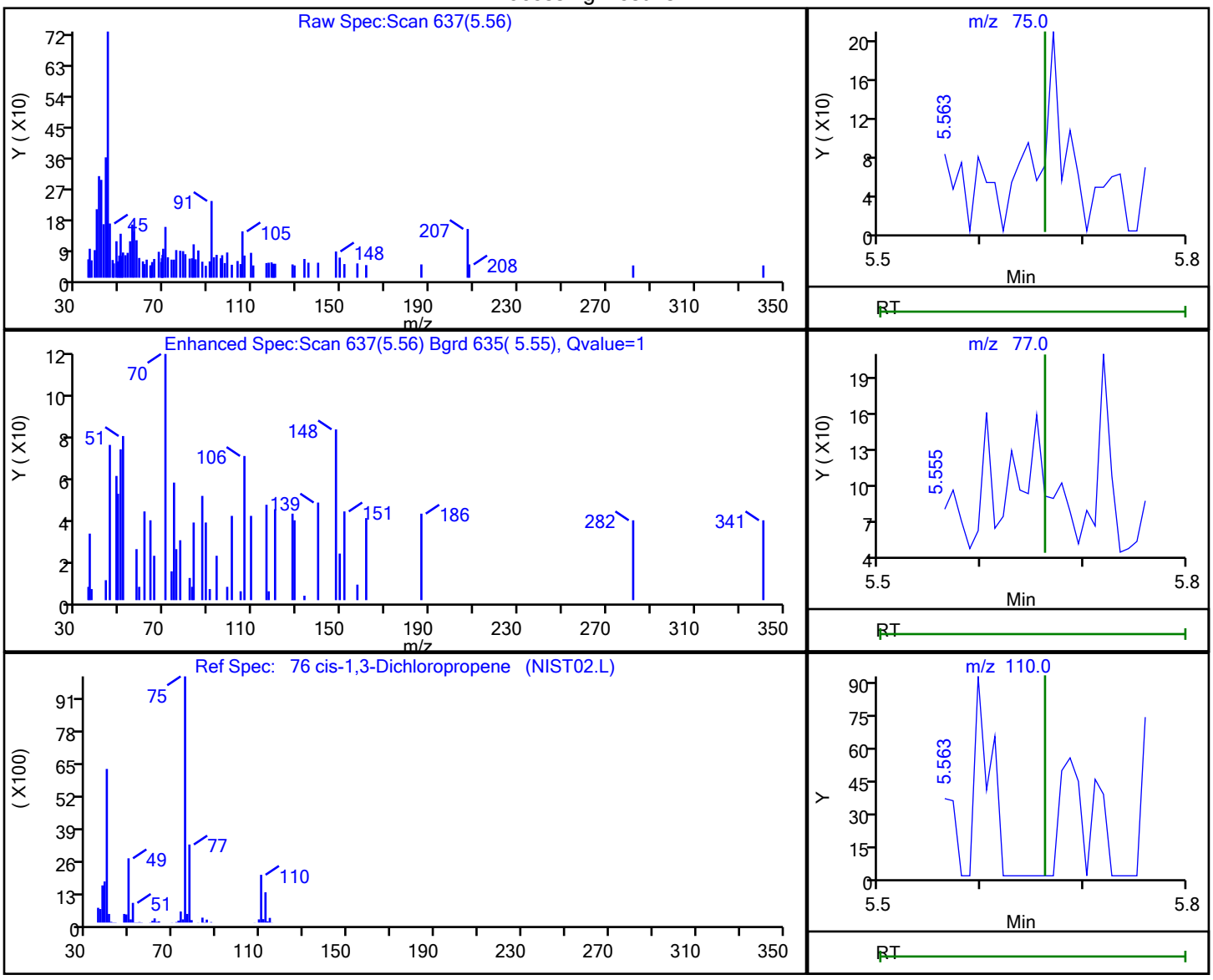
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.56 | 75.00 | 115 | 0.017380 |
| 5.56 | 77.00 | 94 | |
| 5.56 | 110.00 | 35 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

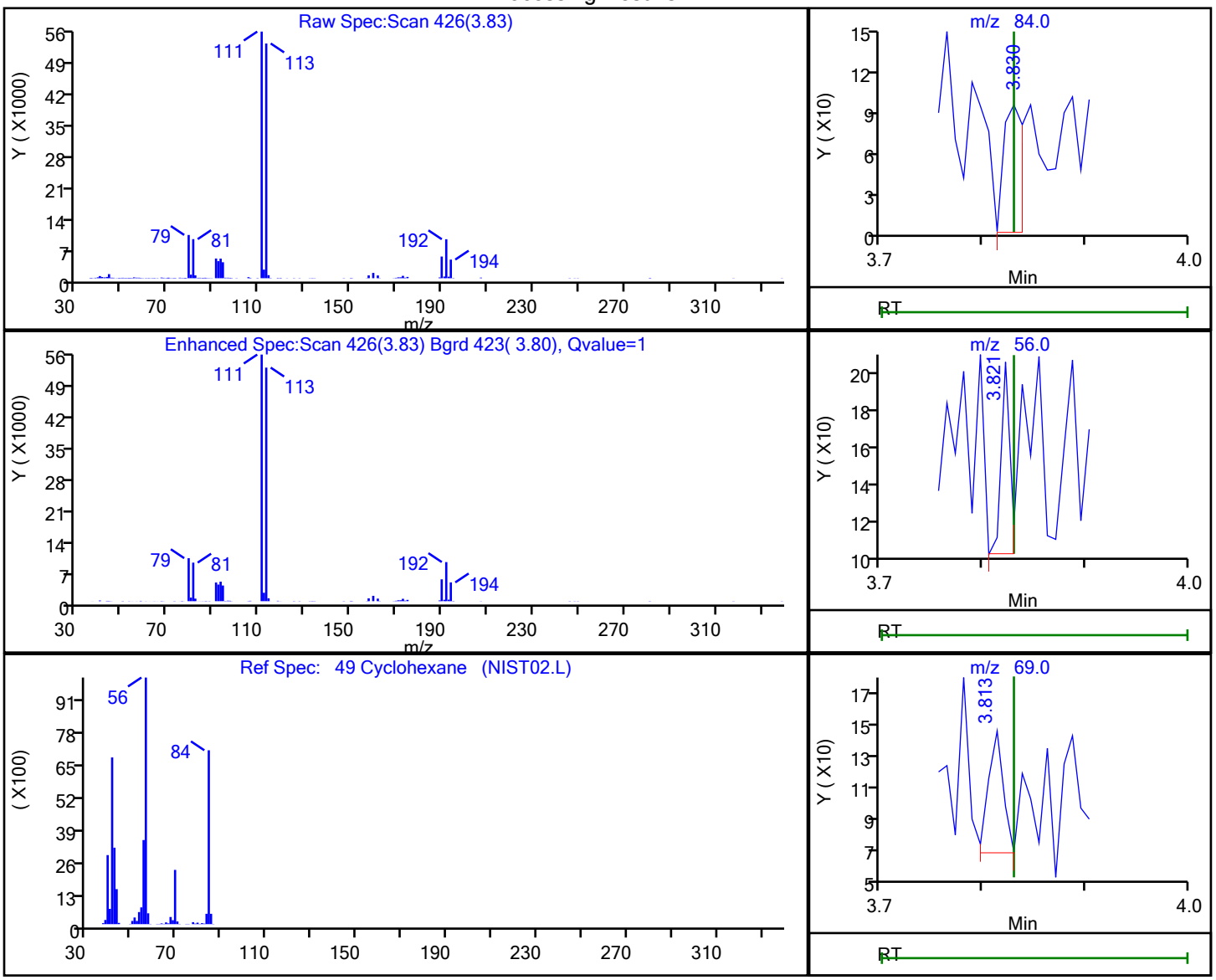
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 49 Cyclohexane, CAS: 110-82-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.83 | 84.00 | 127 | 0.016286 |
| 3.82 | 56.00 | 63 | |
| 3.81 | 69.00 | 79 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

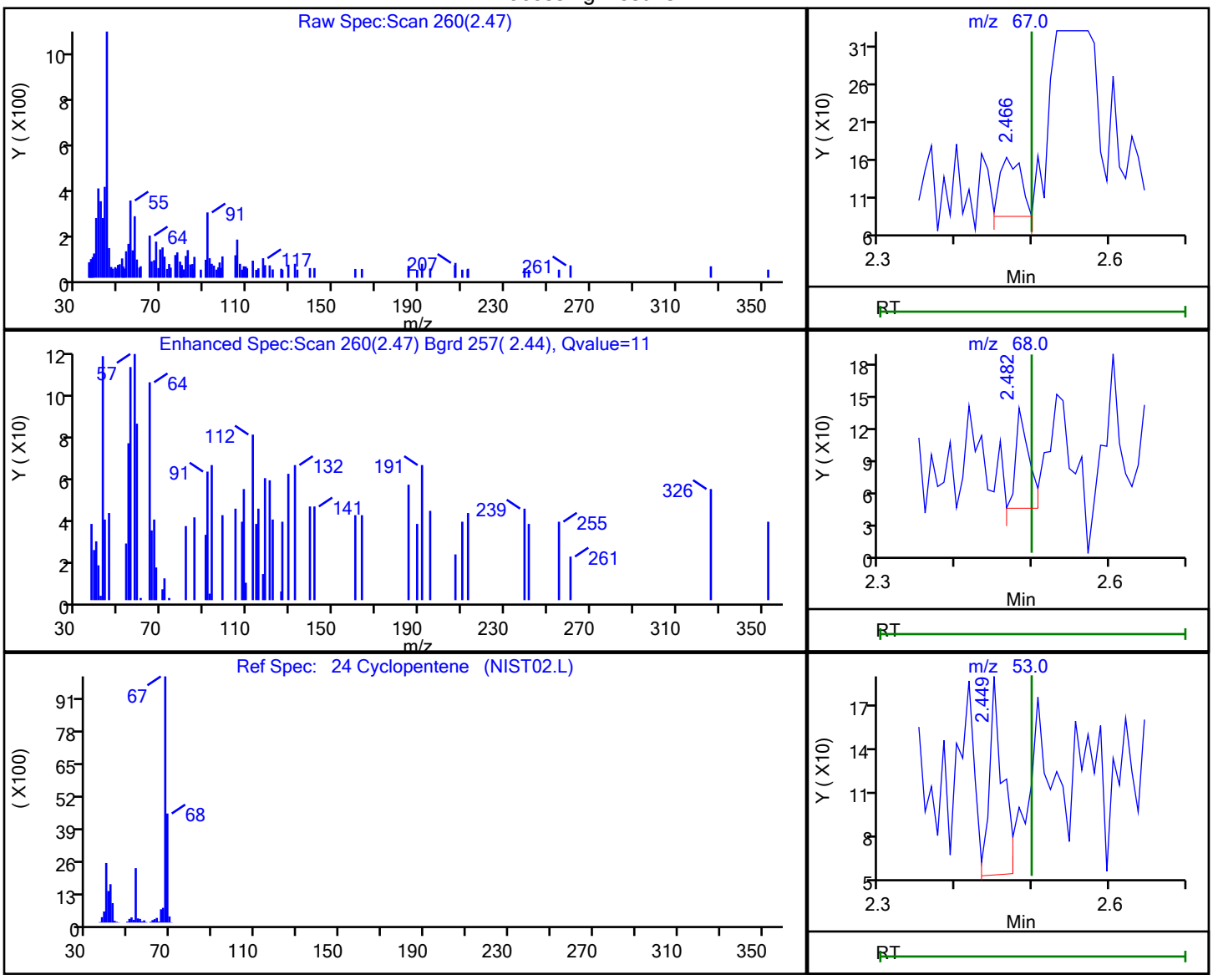
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 24 Cyclopentene, CAS: 142-29-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.47 | 67.00 | 144 | 0.012652 |
| 2.48 | 68.00 | 111 | |
| 2.45 | 53.00 | 164 | |

Reviewer: NN6A, 17-Jan-2025 12:57:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

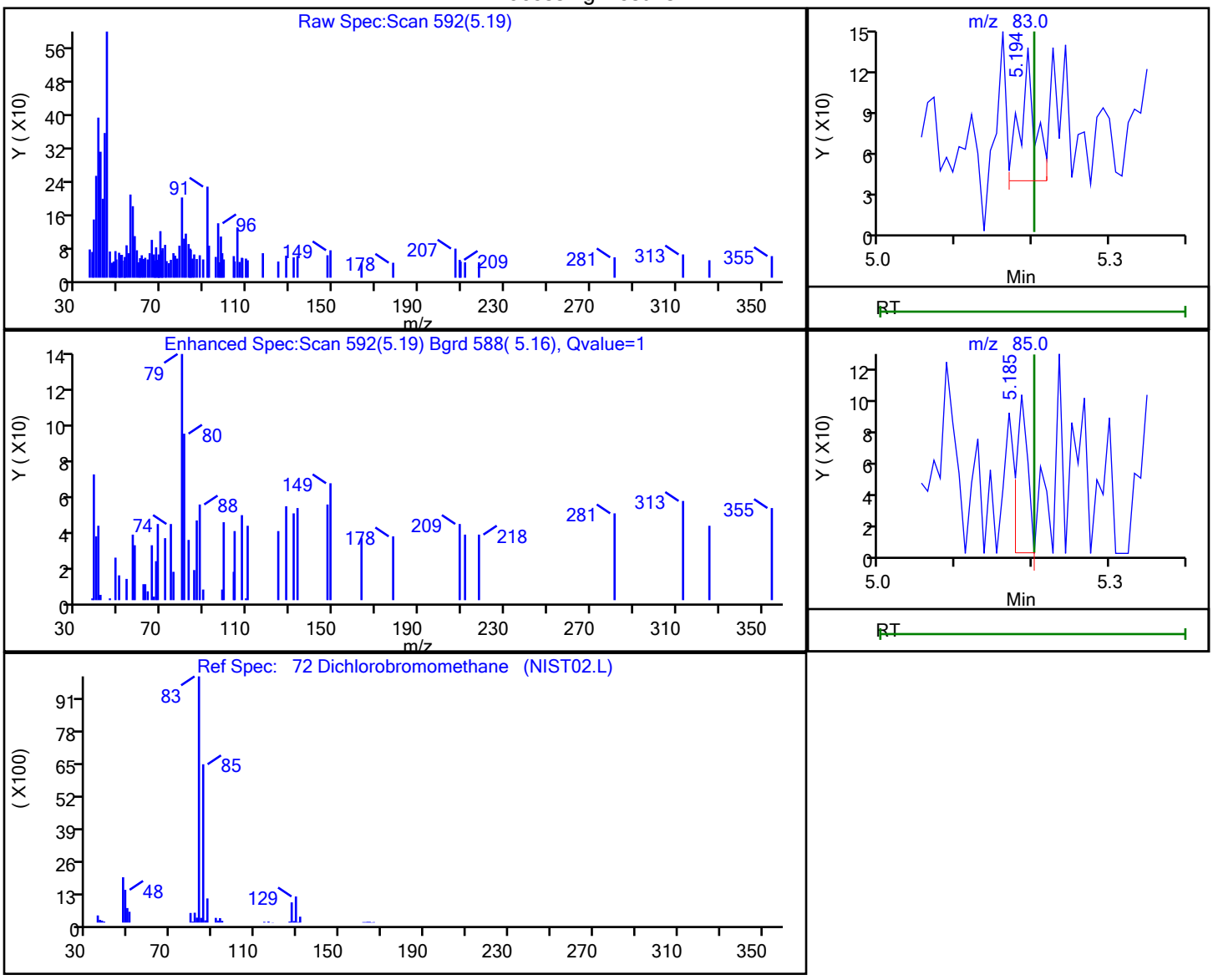
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 72 Dichlorobromomethane, CAS: 75-27-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.19 | 83.00 | 134 | 0.020577 |
| 5.19 | 85.00 | 98 | |

Reviewer: NN6A, 17-Jan-2025 12:57:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

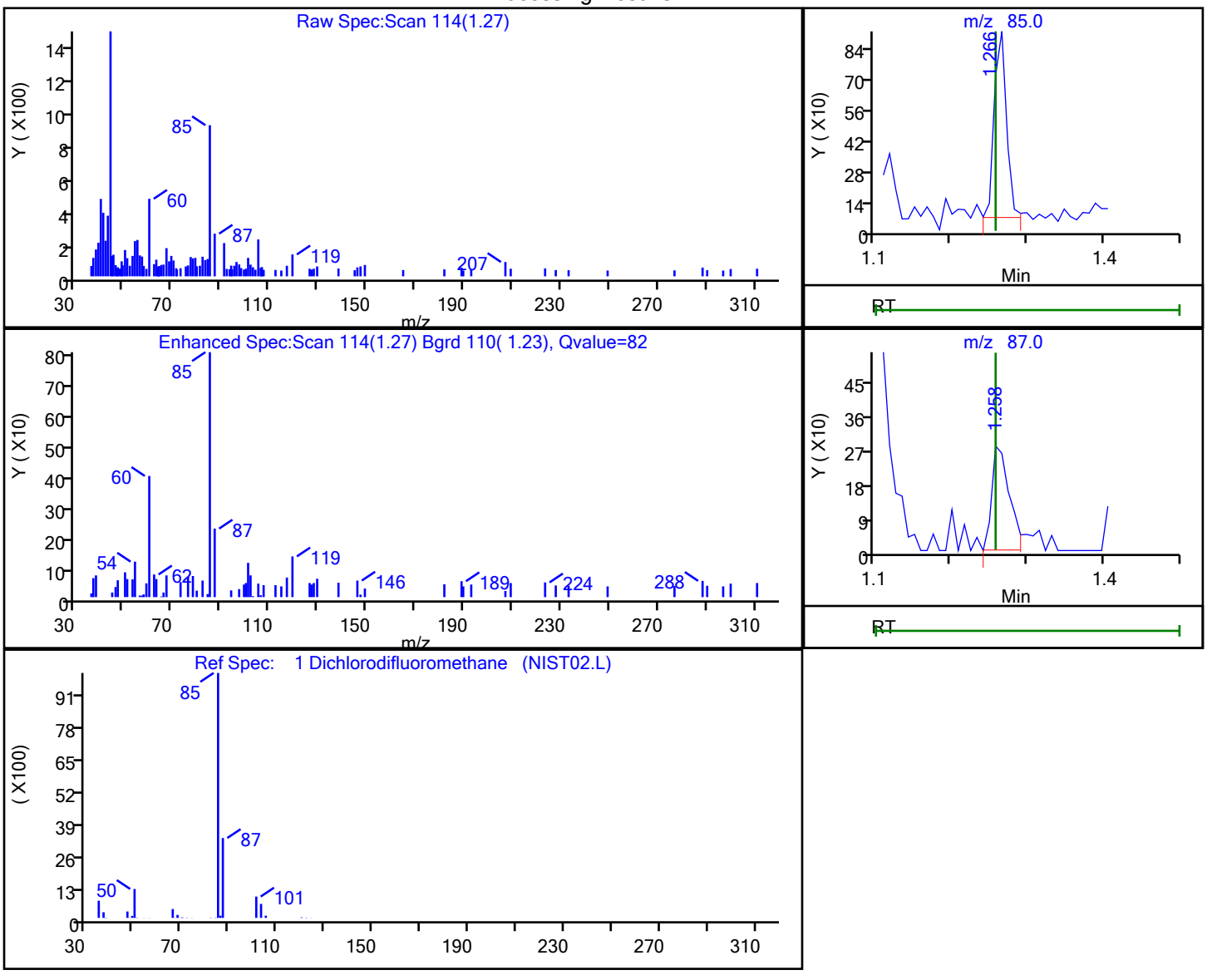
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 1 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.27 | 85.00 | 960 | 0.112262 |
| 1.26 | 87.00 | 453 | |

Reviewer: NN6A, 17-Jan-2025 12:57:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

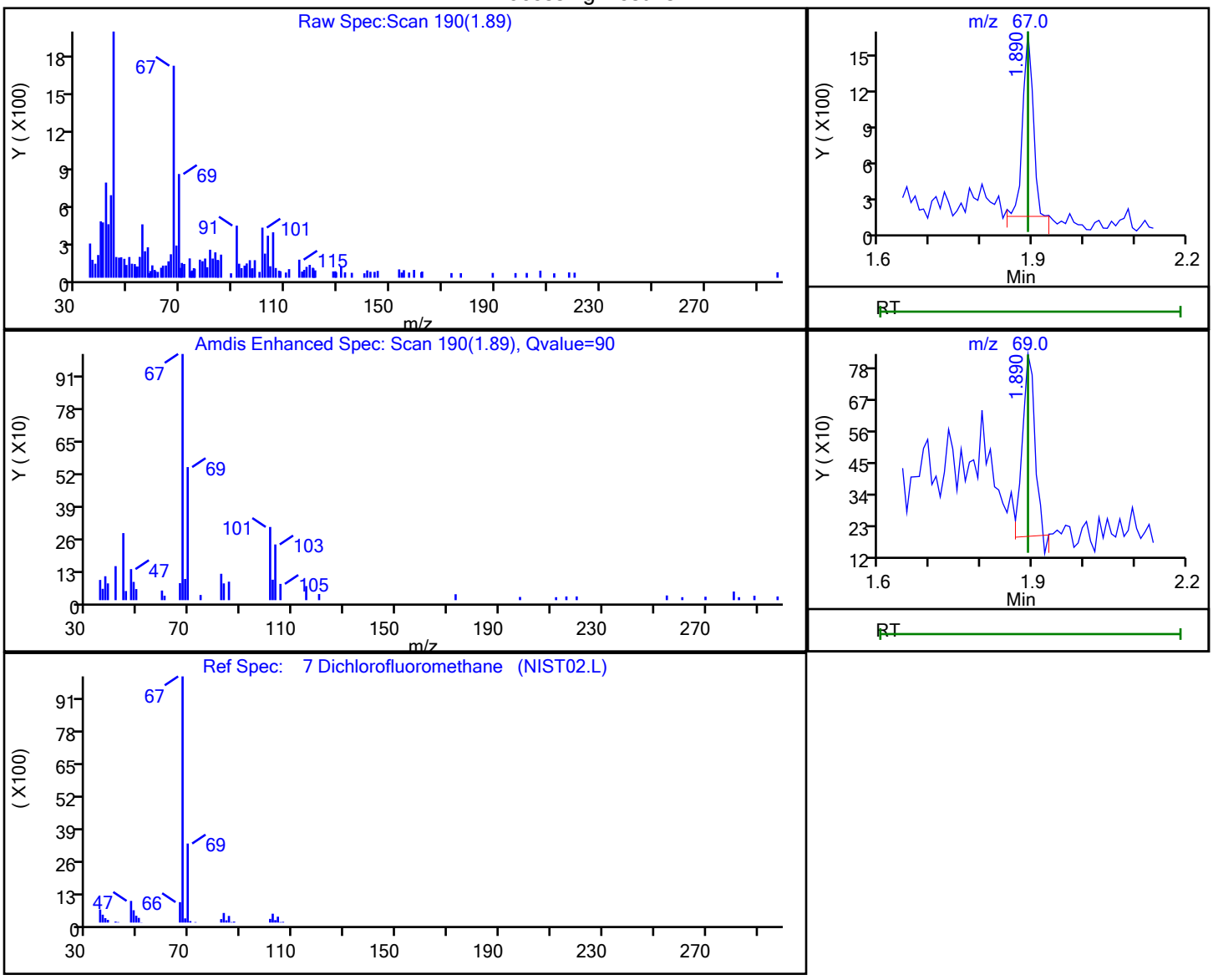
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 7 Dichlorofluoromethane, CAS: 75-43-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.89 | 67.00 | 2095 | 0.186406 |
| 1.89 | 69.00 | 1029 | |

Reviewer: NN6A, 17-Jan-2025 12:57:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

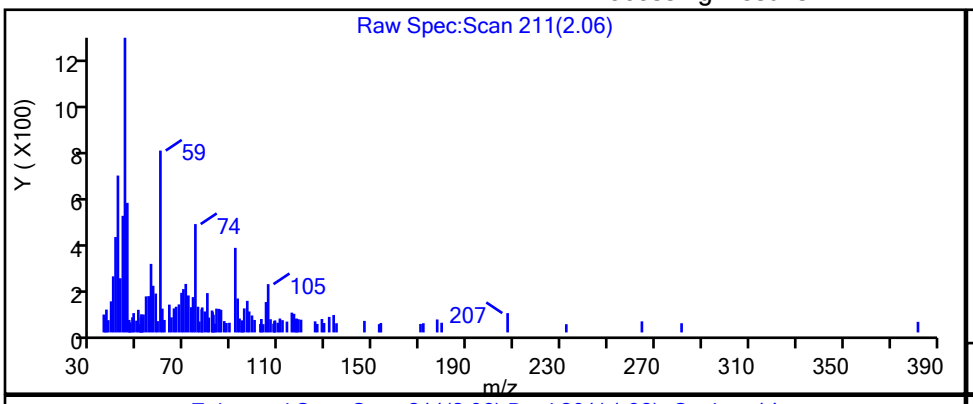
User Disabled Compound Report

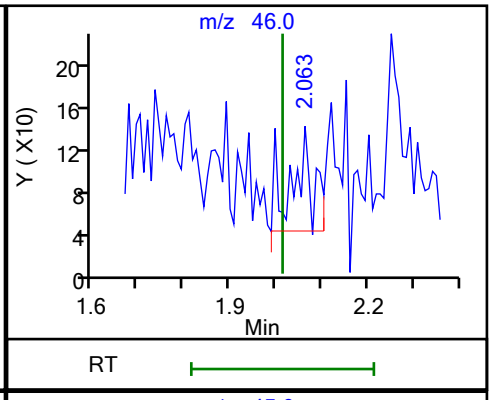
Eurofins Edison

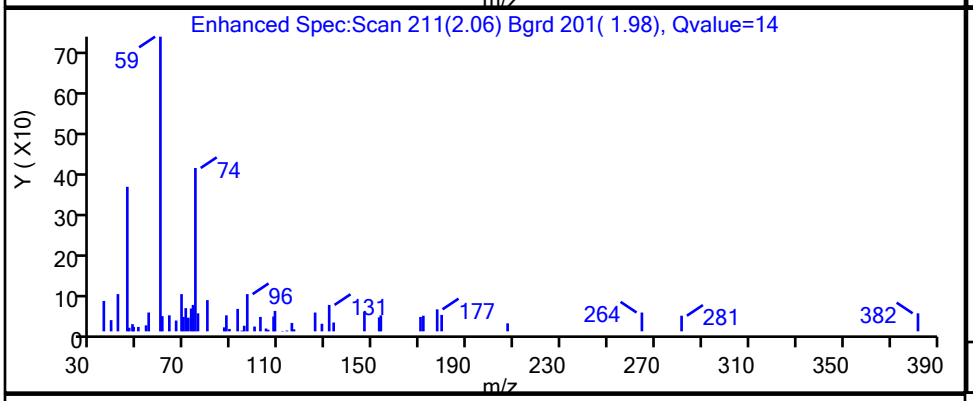
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

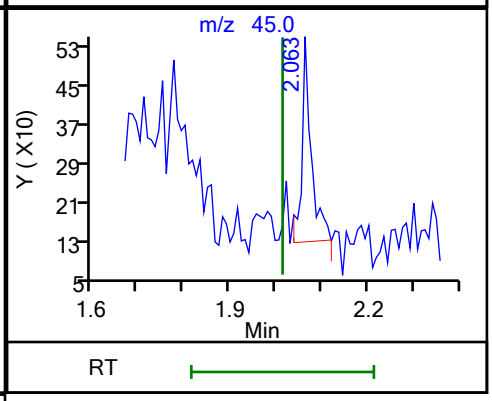
## 10 Ethanol, CAS: 64-17-5

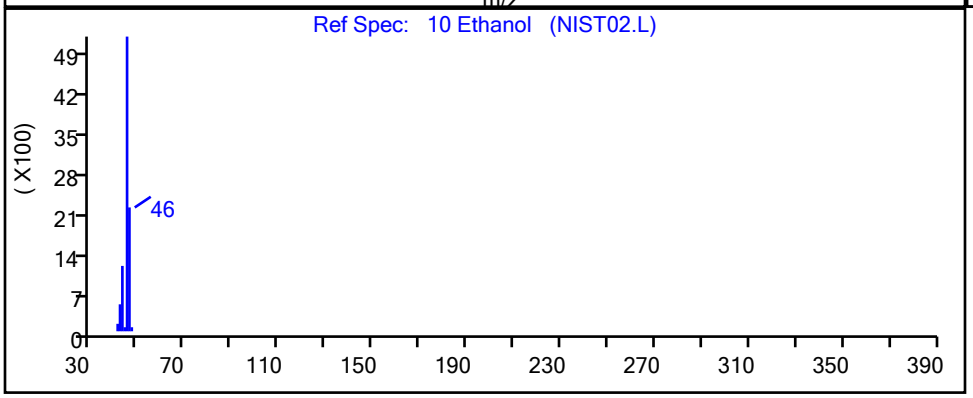
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.06 | 46.00 | 307 | 34.800676 |
| 2.06 | 45.00 | 601 | |

Reviewer: NN6A, 17-Jan-2025 12:57:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

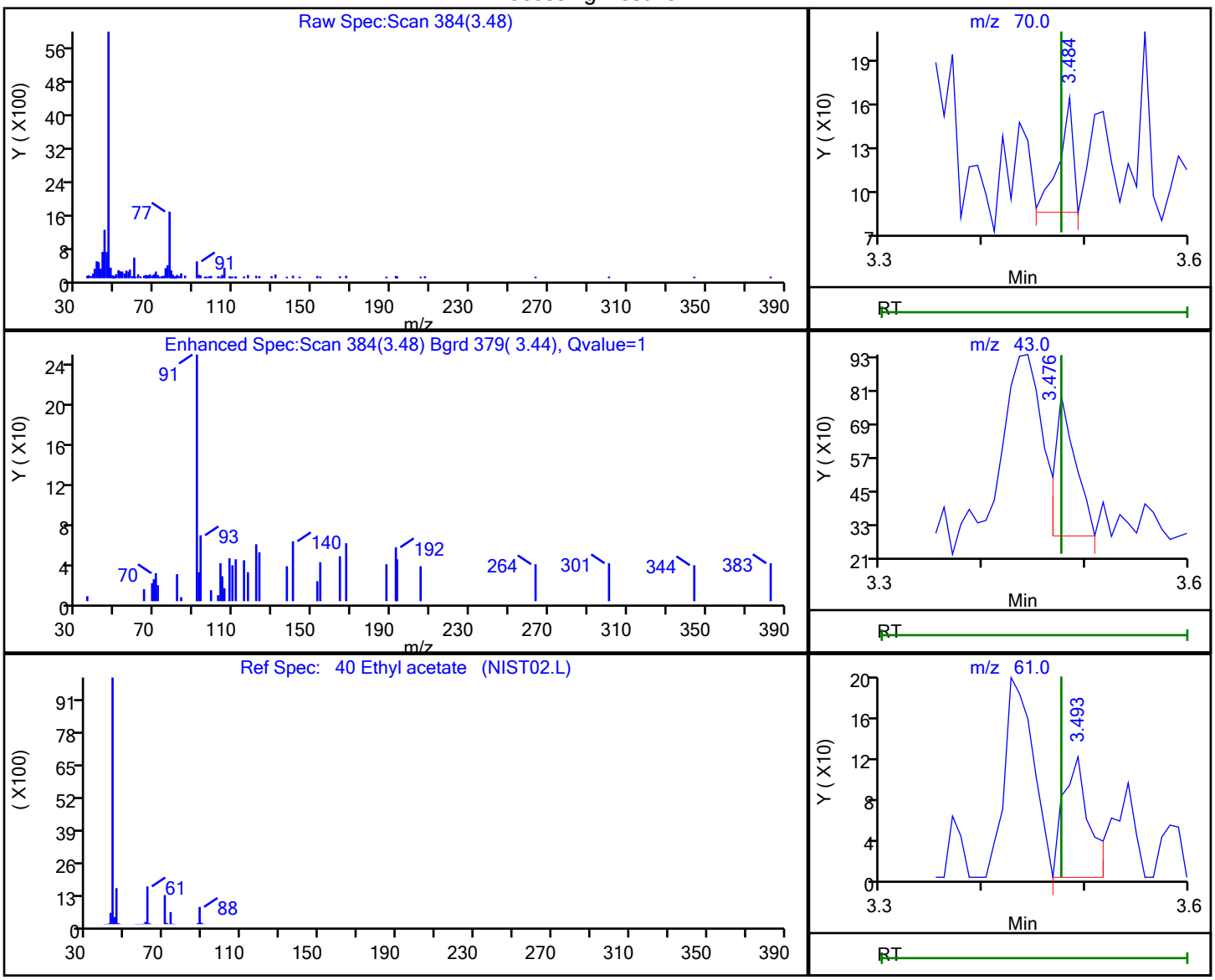
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 40 Ethyl acetate, CAS: 141-78-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.48 | 70.00 | 74 | 0.422304 |
| 3.48 | 43.00 | 706 | |
| 3.49 | 61.00 | 211 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

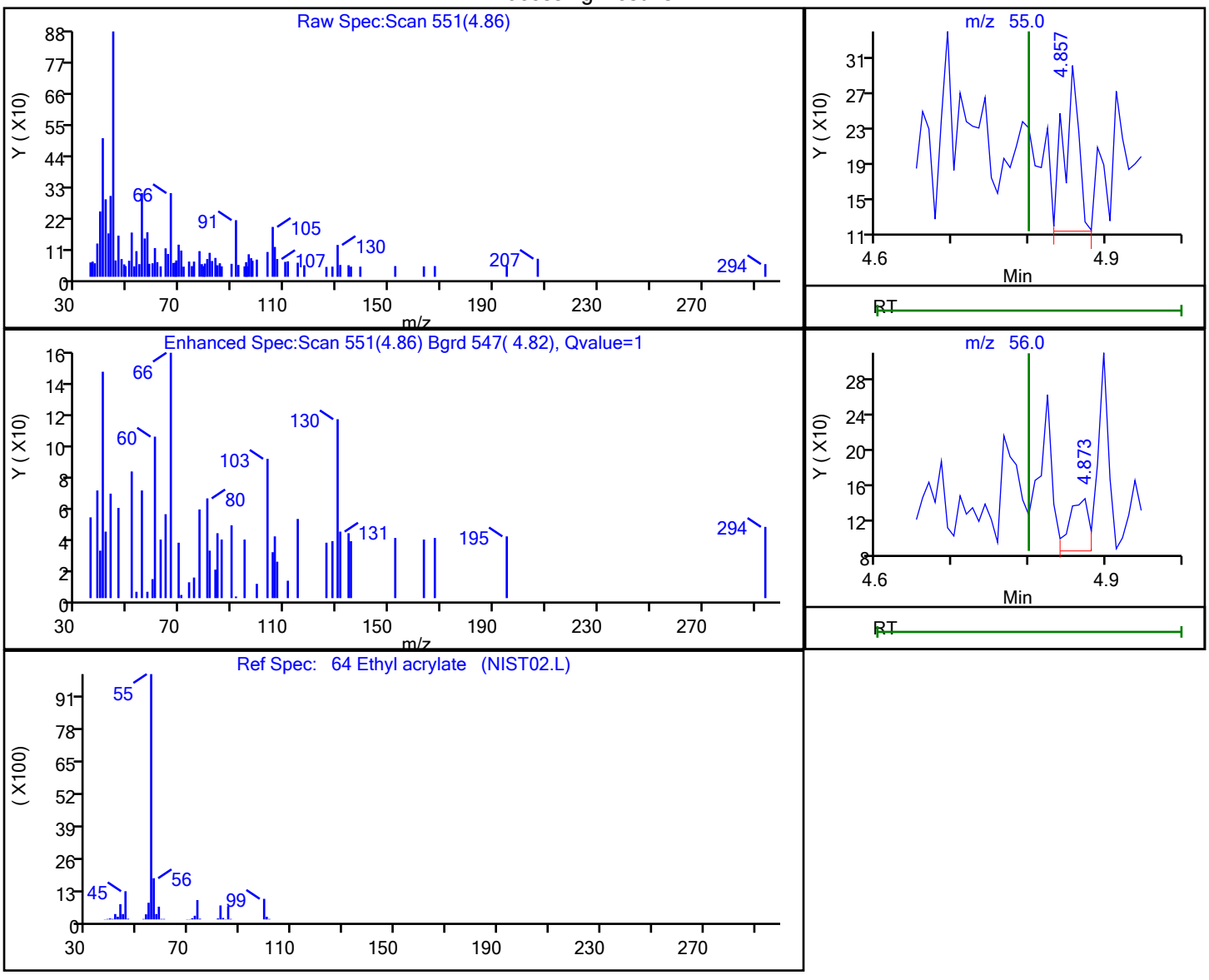
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 64 Ethyl acrylate, CAS: 140-88-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.86 | 55.00 | 235 | 0.020845 |
| 4.87 | 56.00 | 106 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

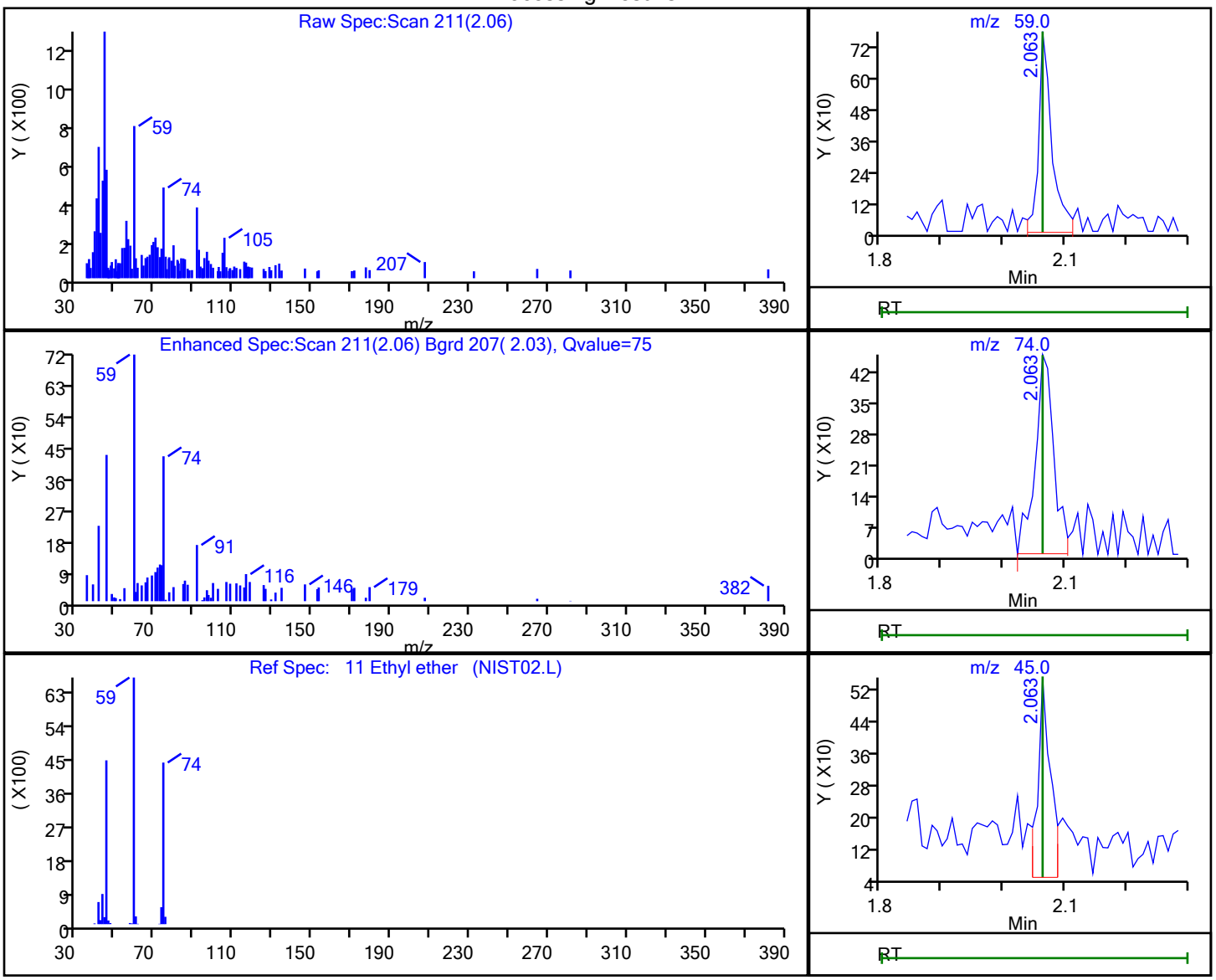
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 11 Ethyl ether, CAS: 60-29-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.06 | 59.00 | 1158 | 0.285247 |
| 2.06 | 74.00 | 980 | |
| 2.06 | 45.00 | 727 | |

Reviewer: NN6A, 17-Jan-2025 12:57:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

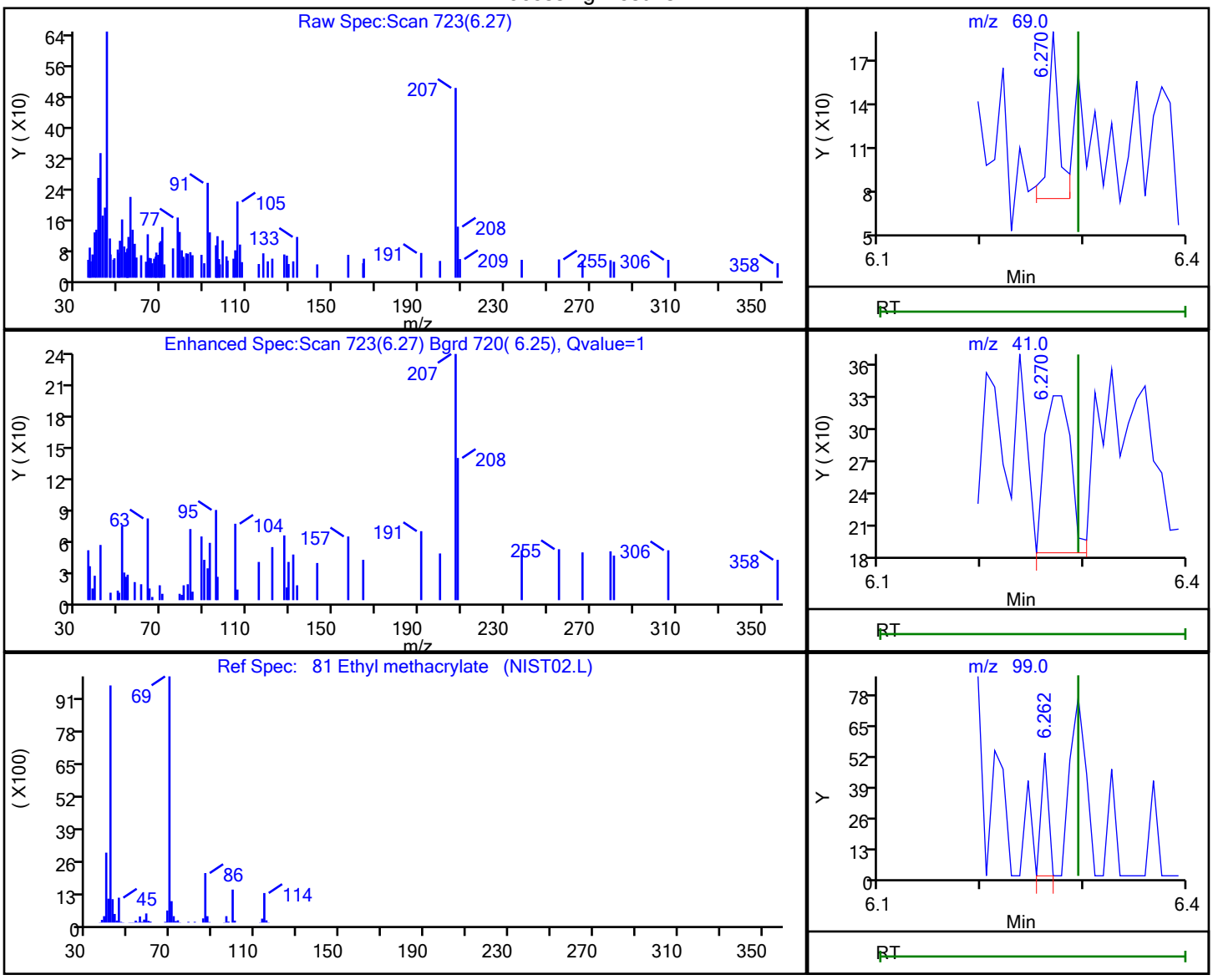
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 81 Ethyl methacrylate, CAS: 97-63-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.27 | 69.00 | 88 | 0.018905 |
| 6.27 | 41.00 | 260 | |
| 6.26 | 99.00 | 26 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

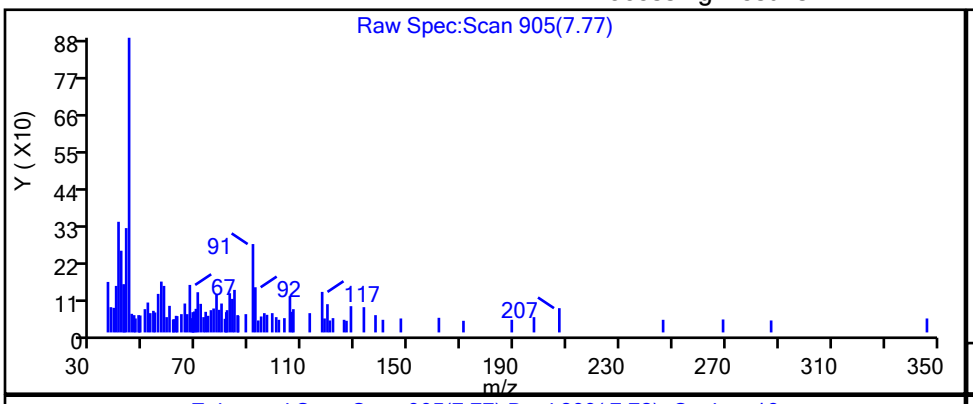
User Disabled Compound Report

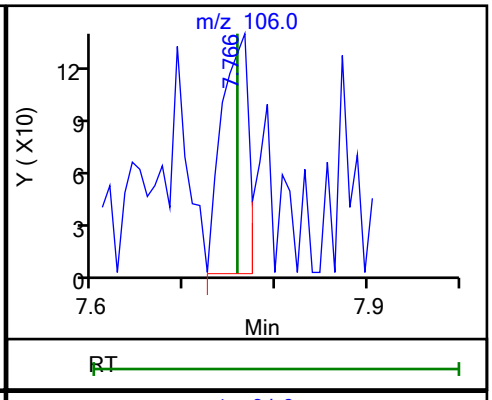
Eurofins Edison

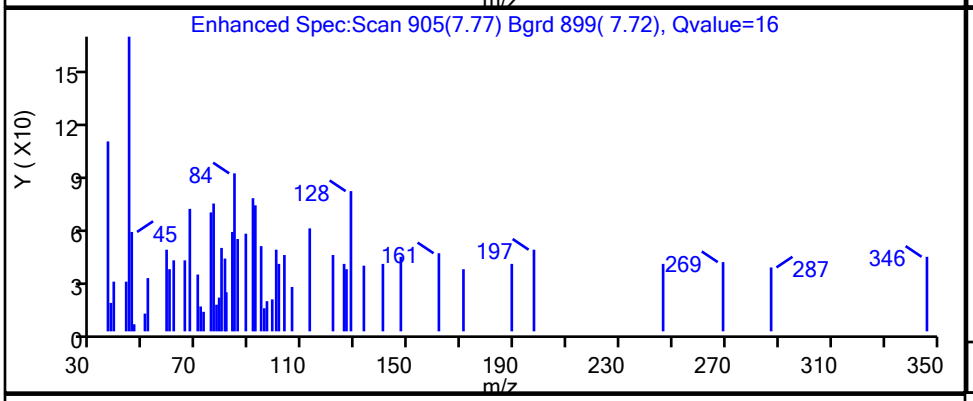
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

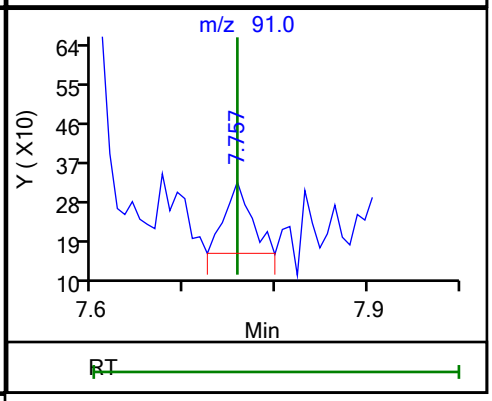
## 91 Ethylbenzene, CAS: 100-41-4

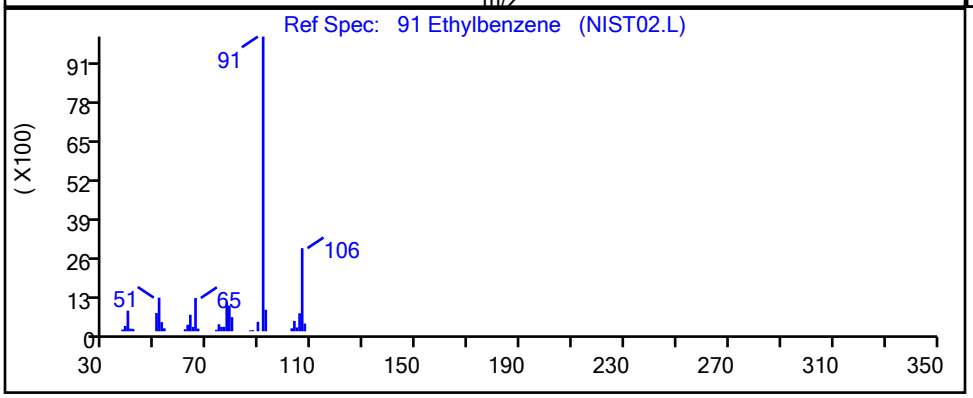
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.77 | 106.00 | 271 | 0.047156 |
| 7.76 | 91.00 | 342 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

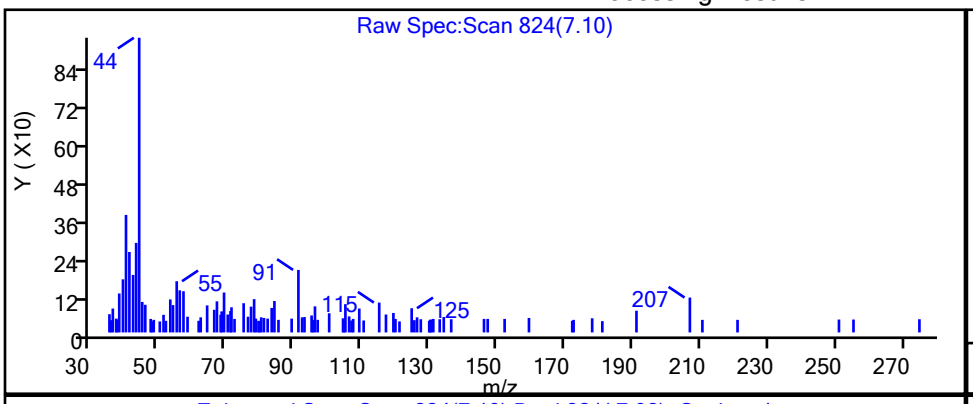
User Disabled Compound Report

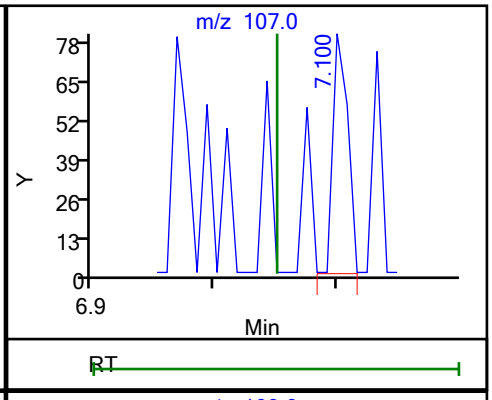
Eurofins Edison

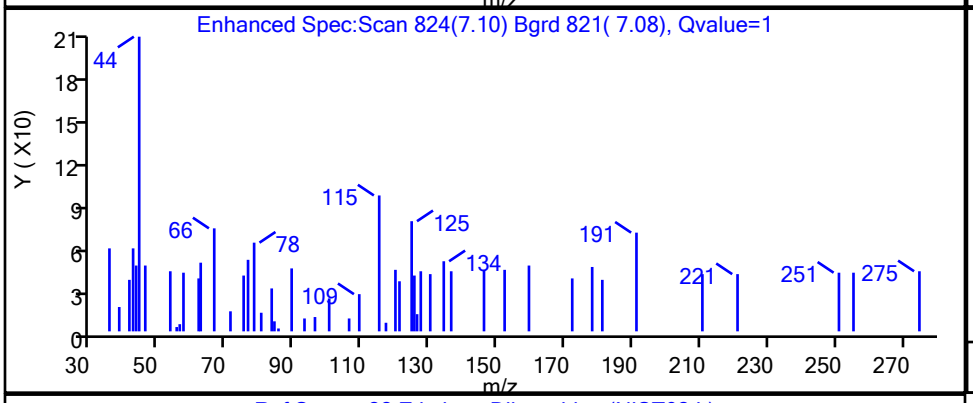
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D | | | | |
| Injection Date: | 16-Jan-2025 04:11:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

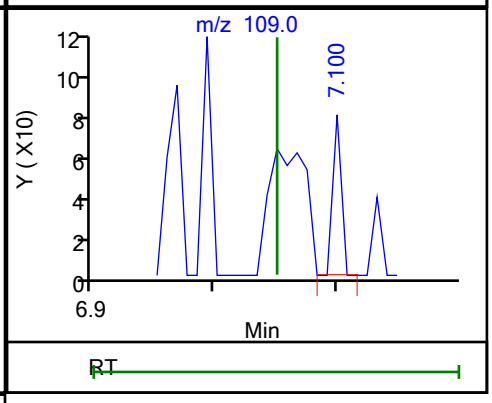
## 88 Ethylene Dibromide, CAS: 106-93-4

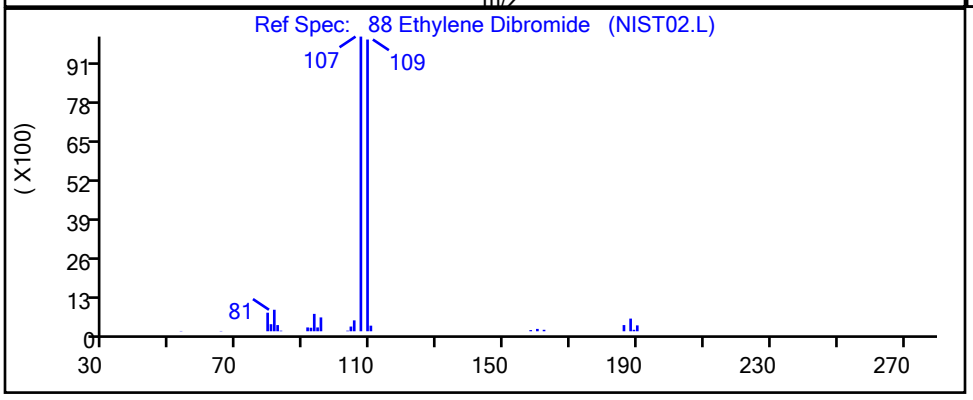
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.10 | 107.00 | 68 | 0.019476 |
| 7.10 | 109.00 | 37 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

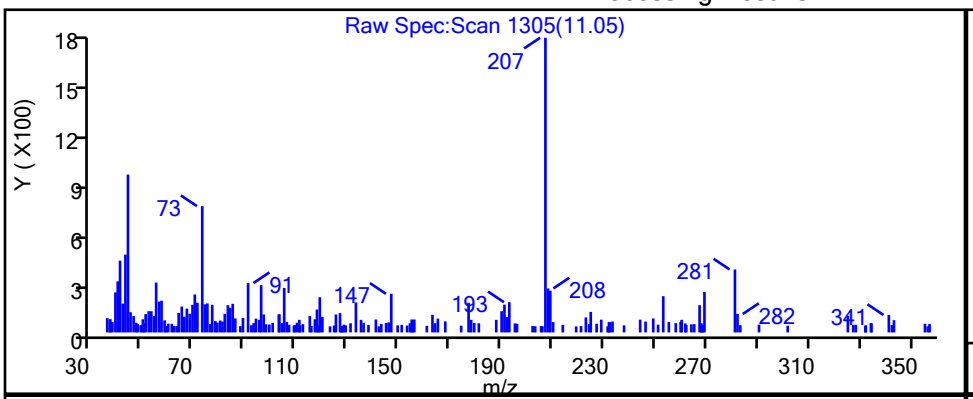
User Disabled Compound Report

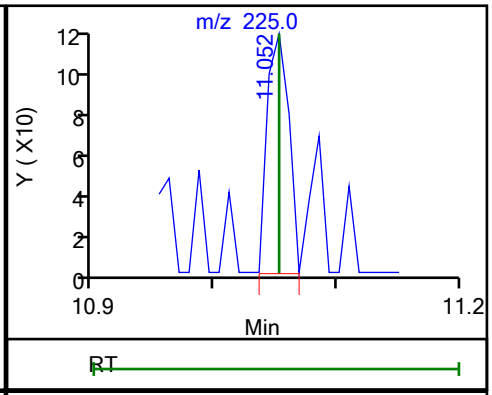
Eurofins Edison

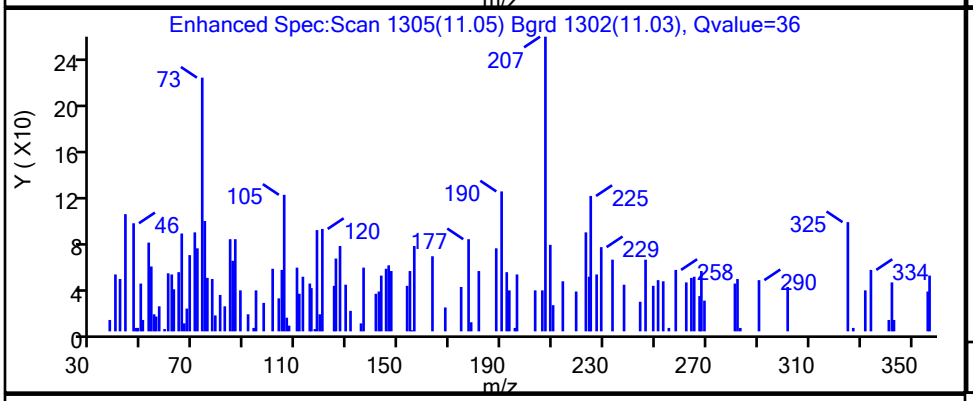
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

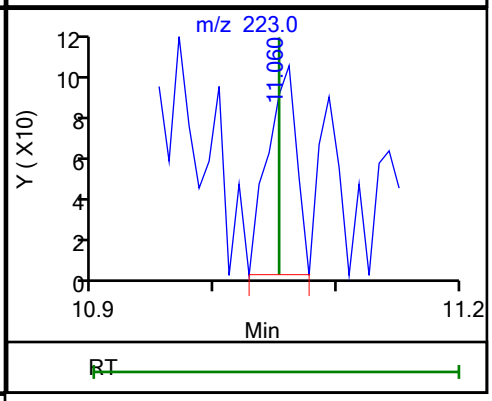
## 128 Hexachlorobutadiene, CAS: 87-68-3

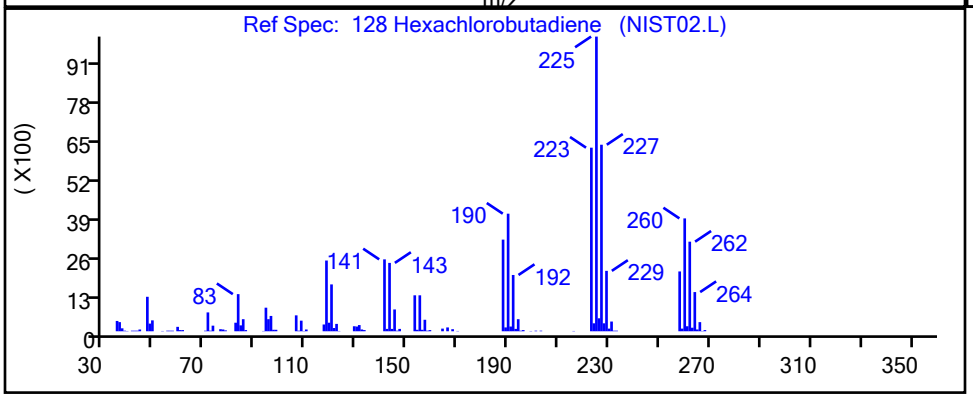
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.05 | 225.00 | 146 | 0.038944 |
| 11.06 | 223.00 | 167 | |

Reviewer: NN6A, 17-Jan-2025 12:57:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

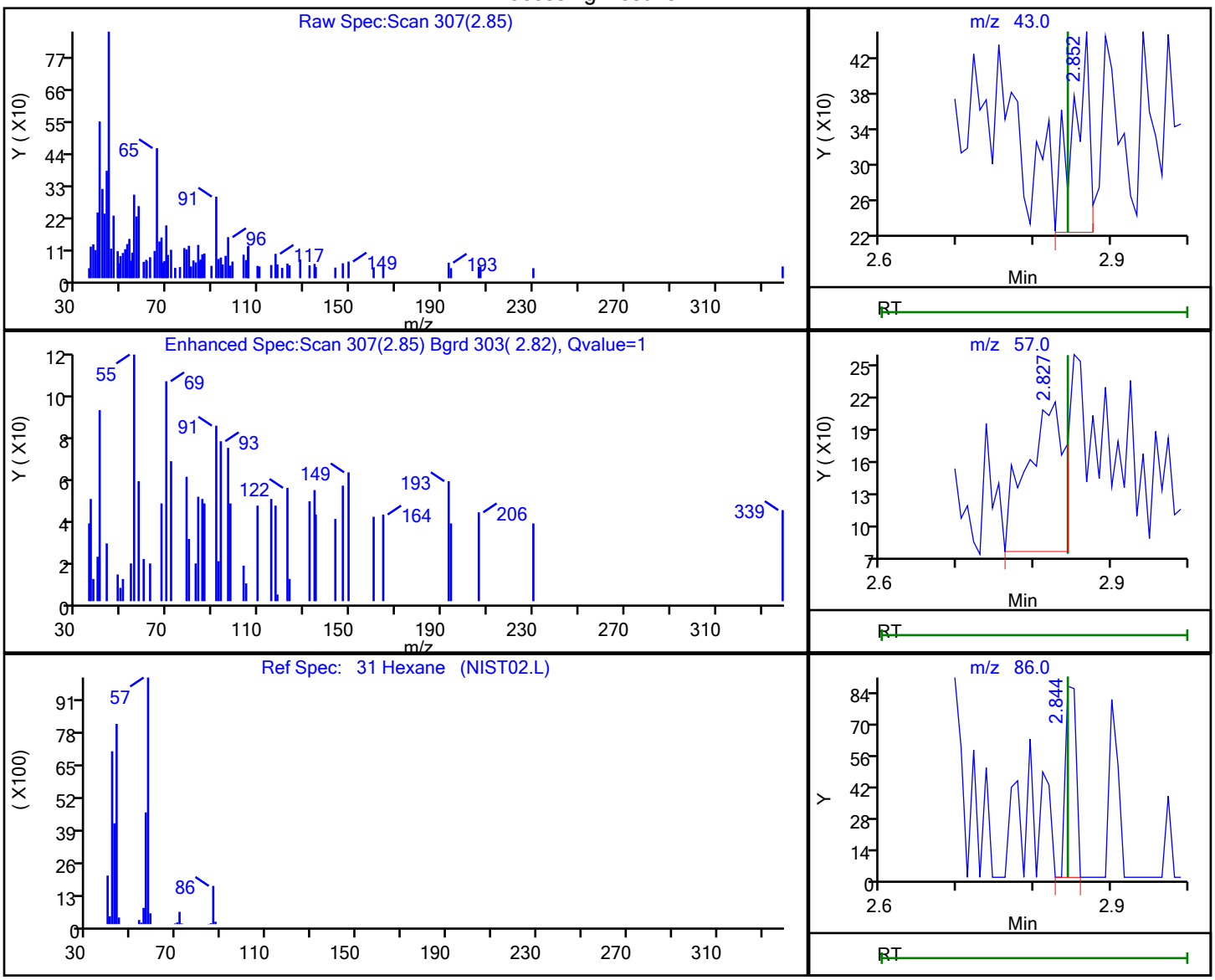
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 31 Hexane, CAS: 110-54-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.85 | 43.00 | 322 | 0.093449 |
| 2.83 | 57.00 | 456 | |
| 2.84 | 86.00 | 85 | |
| 2.88 | 56.00 | 127 | |

Reviewer: NN6A, 17-Jan-2025 12:57:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

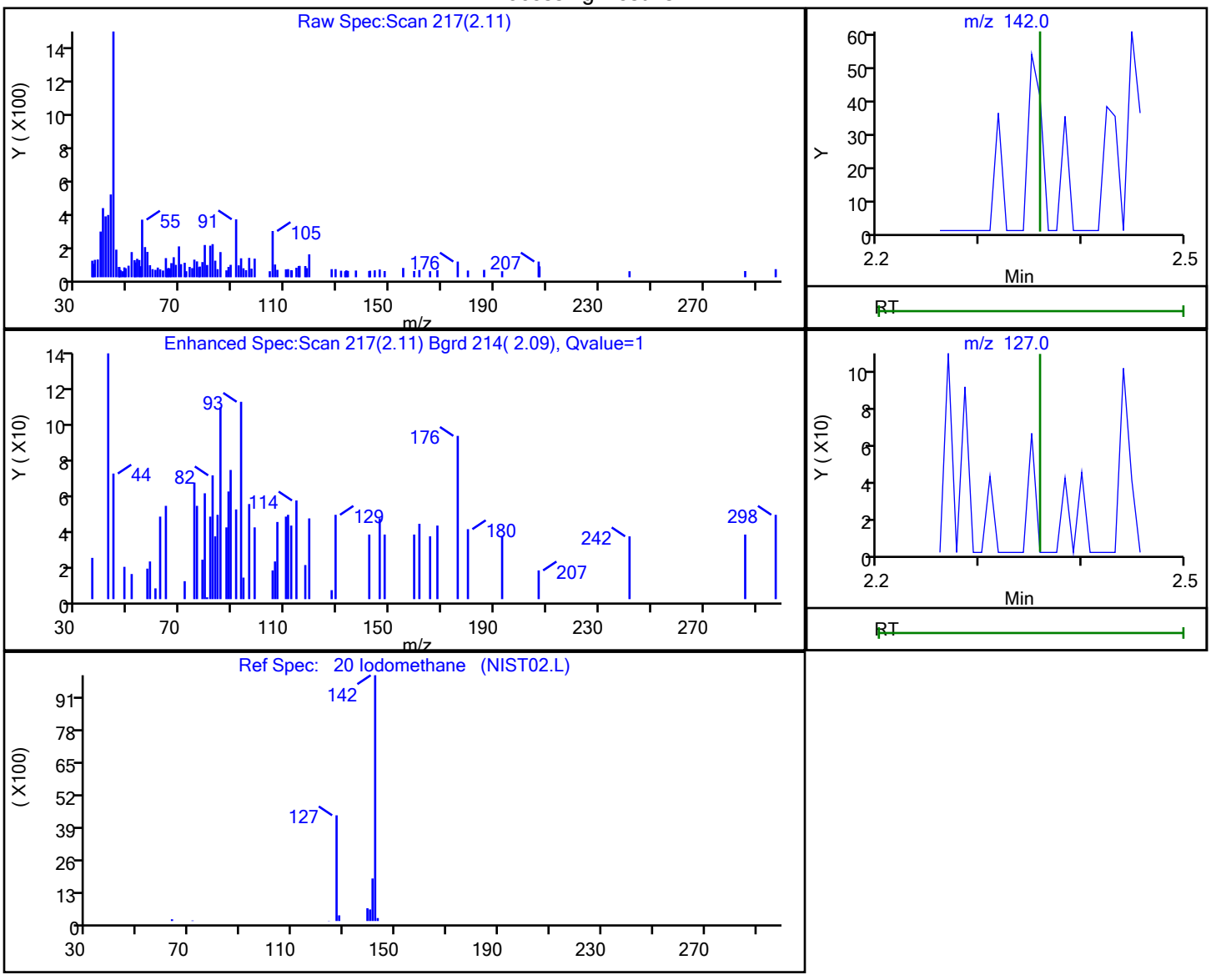
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 20 Iodomethane, CAS: 74-88-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.11 | 142.00 | 56 | 0.005260 |
| 2.13 | 127.00 | 99 | |

Reviewer: NN6A, 17-Jan-2025 12:57:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

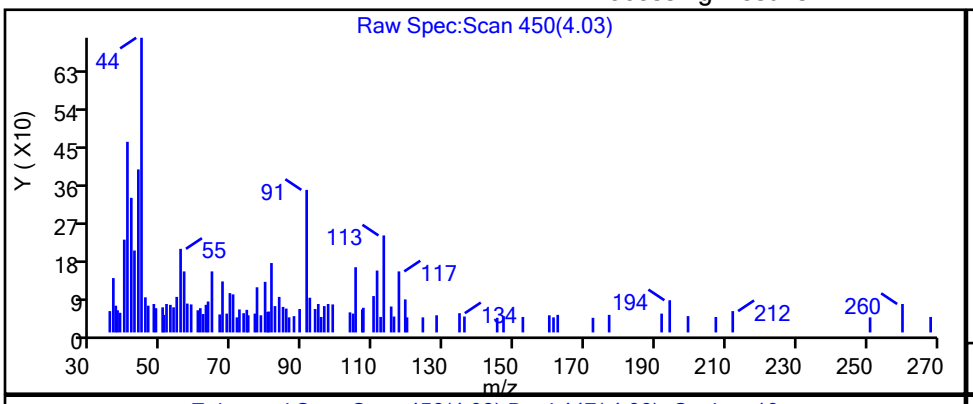
User Disabled Compound Report

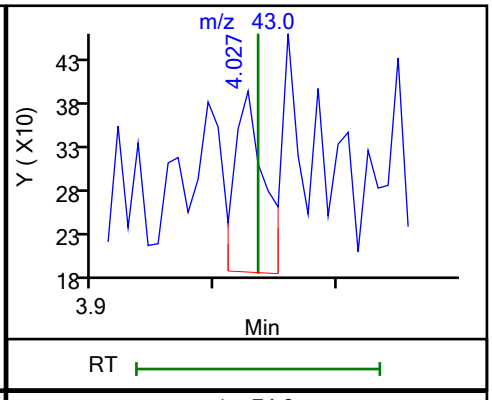
Eurofins Edison

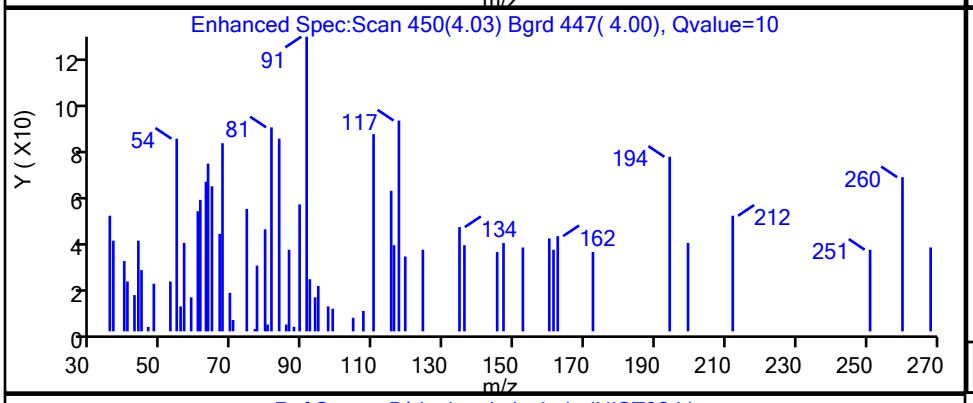
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

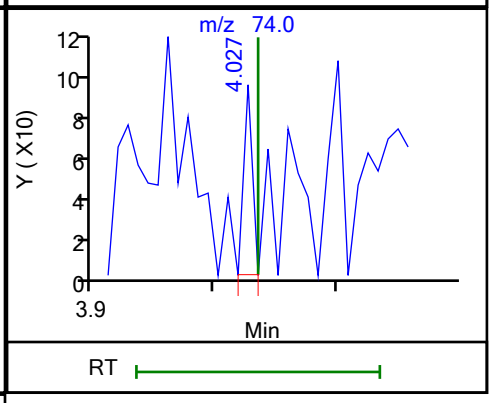
## 54 Isobutyl alcohol, CAS: 78-83-1

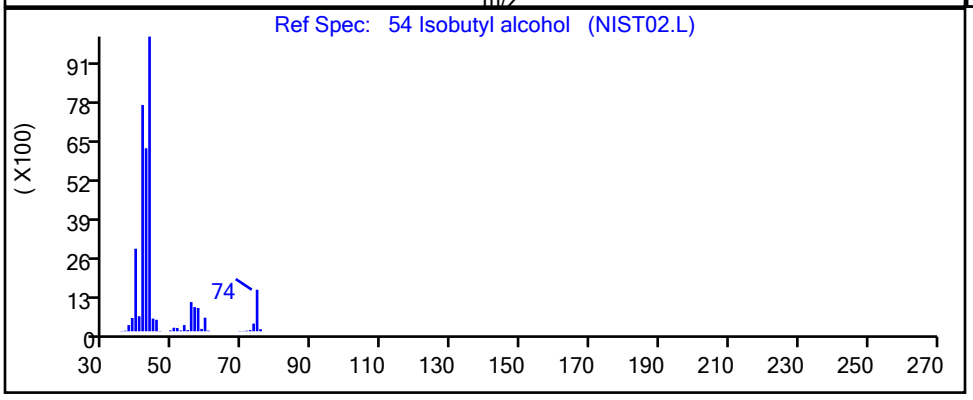
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.03 | 43.00 | 343 | 4.192610 |
| 4.03 | 74.00 | 47 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

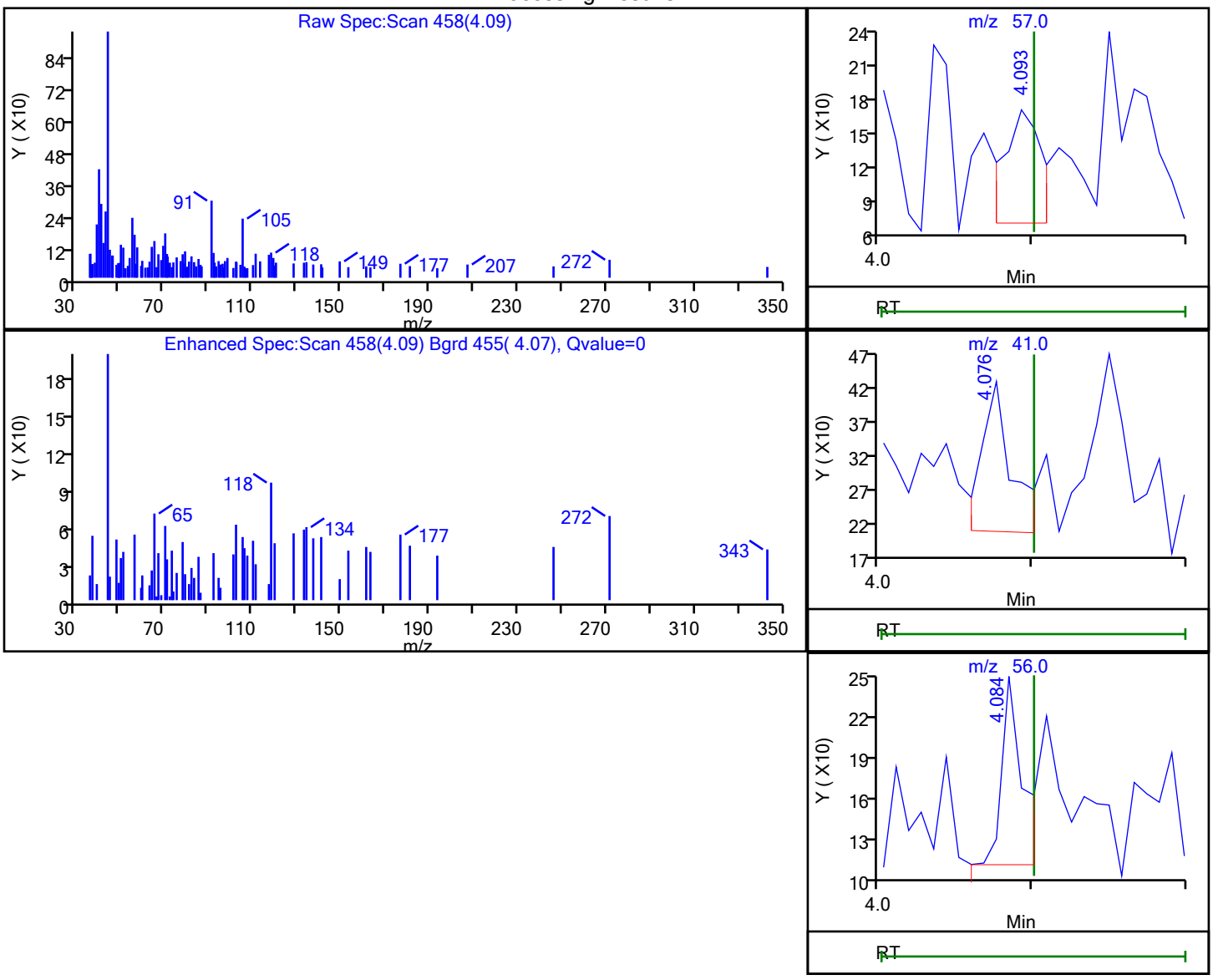
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 134 Isooctane, CAS: 540-84-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.09 | 57.00 | 160 | 0.008674 |
| 4.08 | 41.00 | 302 | |
| 4.08 | 56.00 | 126 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

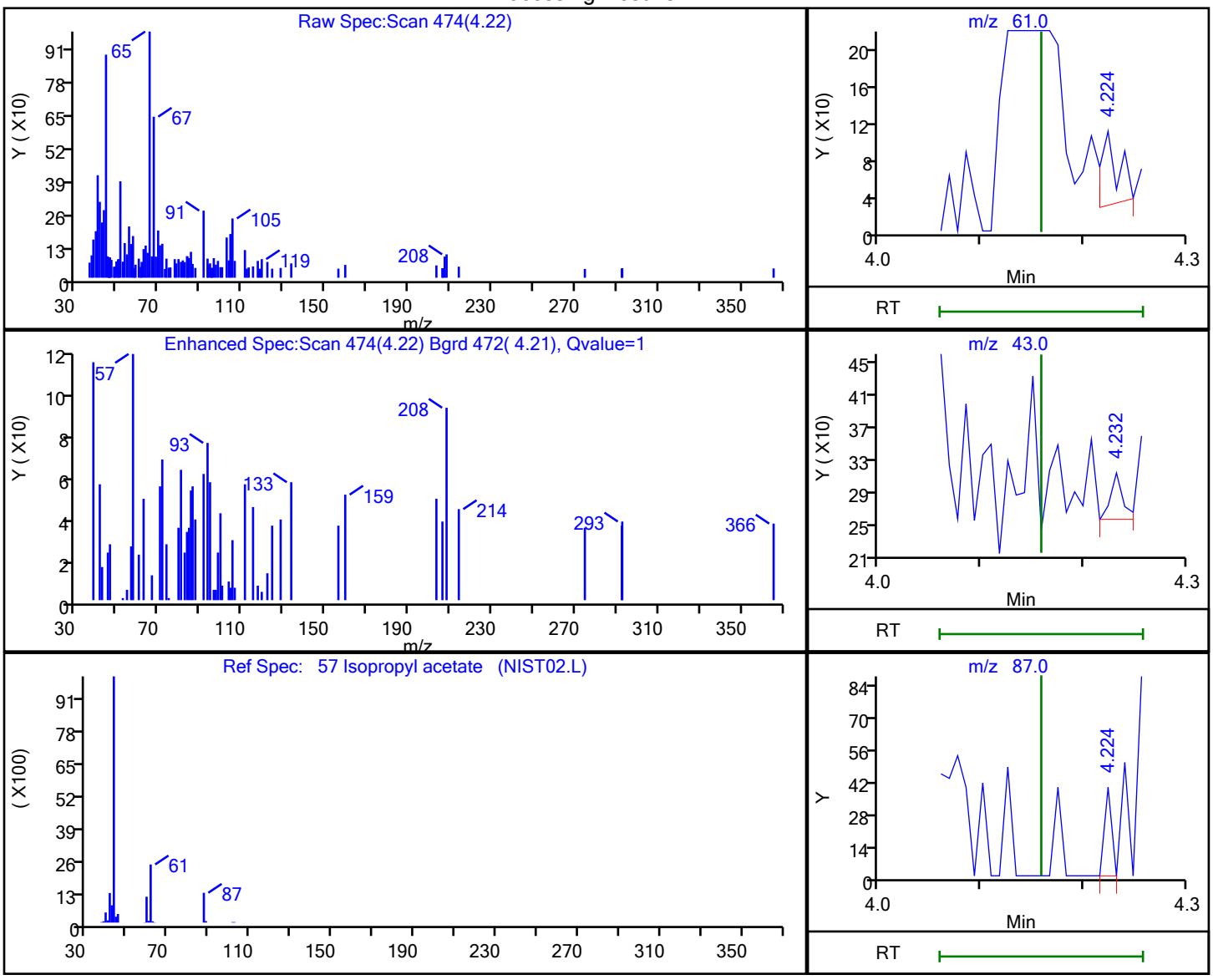
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 Isopropyl acetate, CAS: 108-21-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.22 | 61.00 | 91 | 0.055400 |
| 4.23 | 43.00 | 49 | |
| 4.22 | 87.00 | 19 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

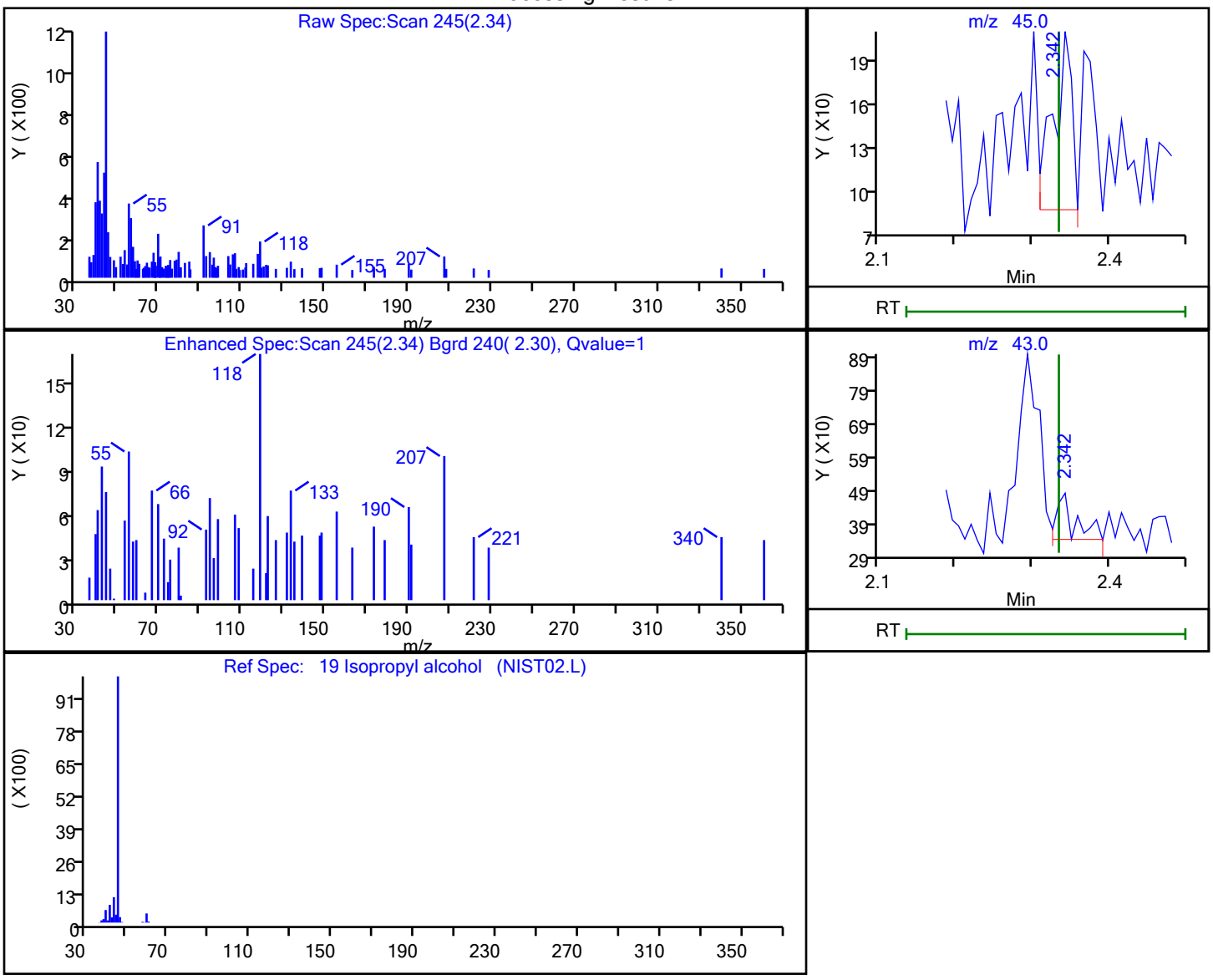
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 19 Isopropyl alcohol, CAS: 67-63-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.34 | 45.00 | 199 | 1.076465 |
| 2.34 | 43.00 | 240 | |

Reviewer: NN6A, 17-Jan-2025 12:57:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

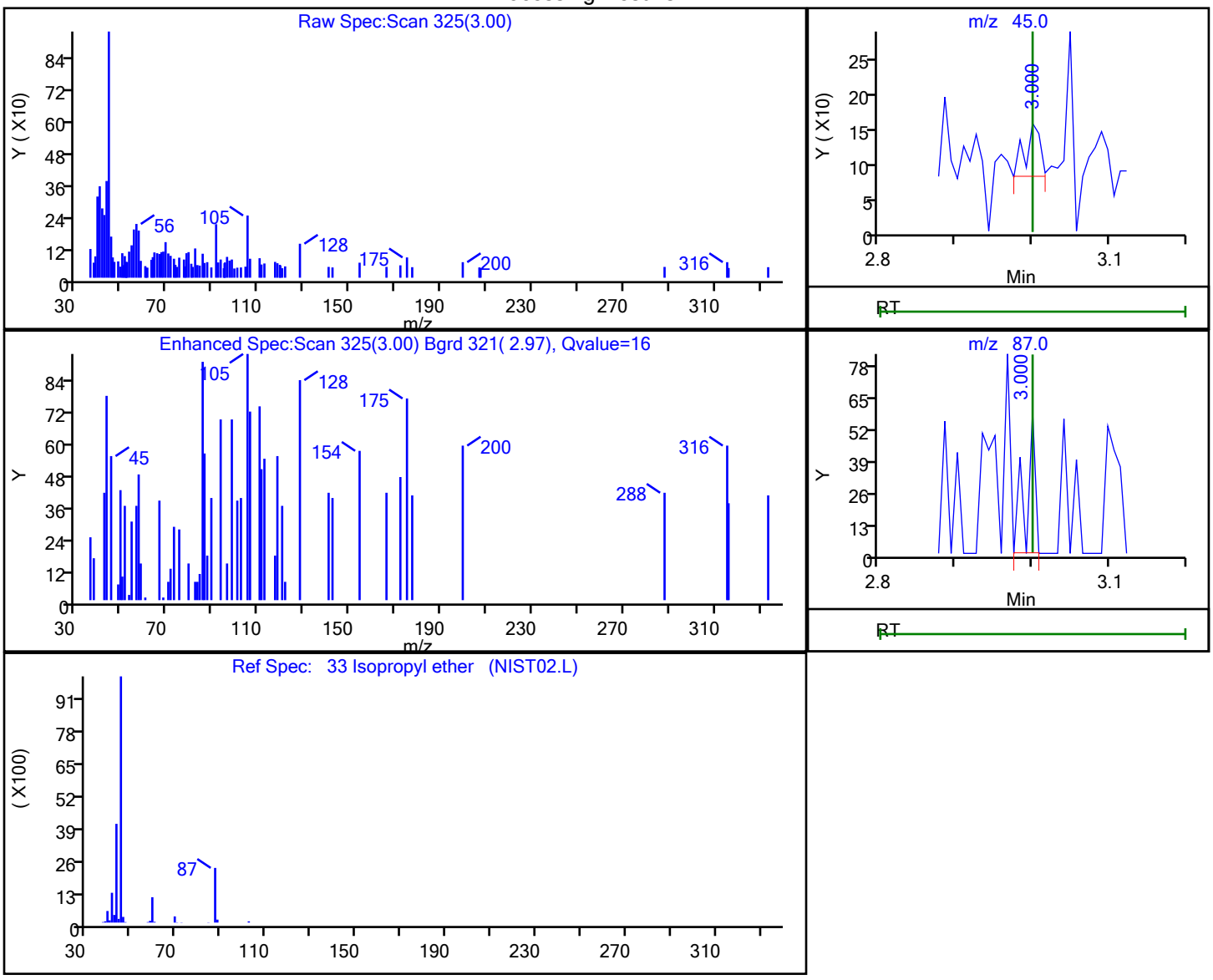
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 33 Isopropyl ether, CAS: 108-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.00 | 45.00 | 106 | 0.006922 |
| 3.00 | 87.00 | 49 | |

Reviewer: NN6A, 17-Jan-2025 12:57:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

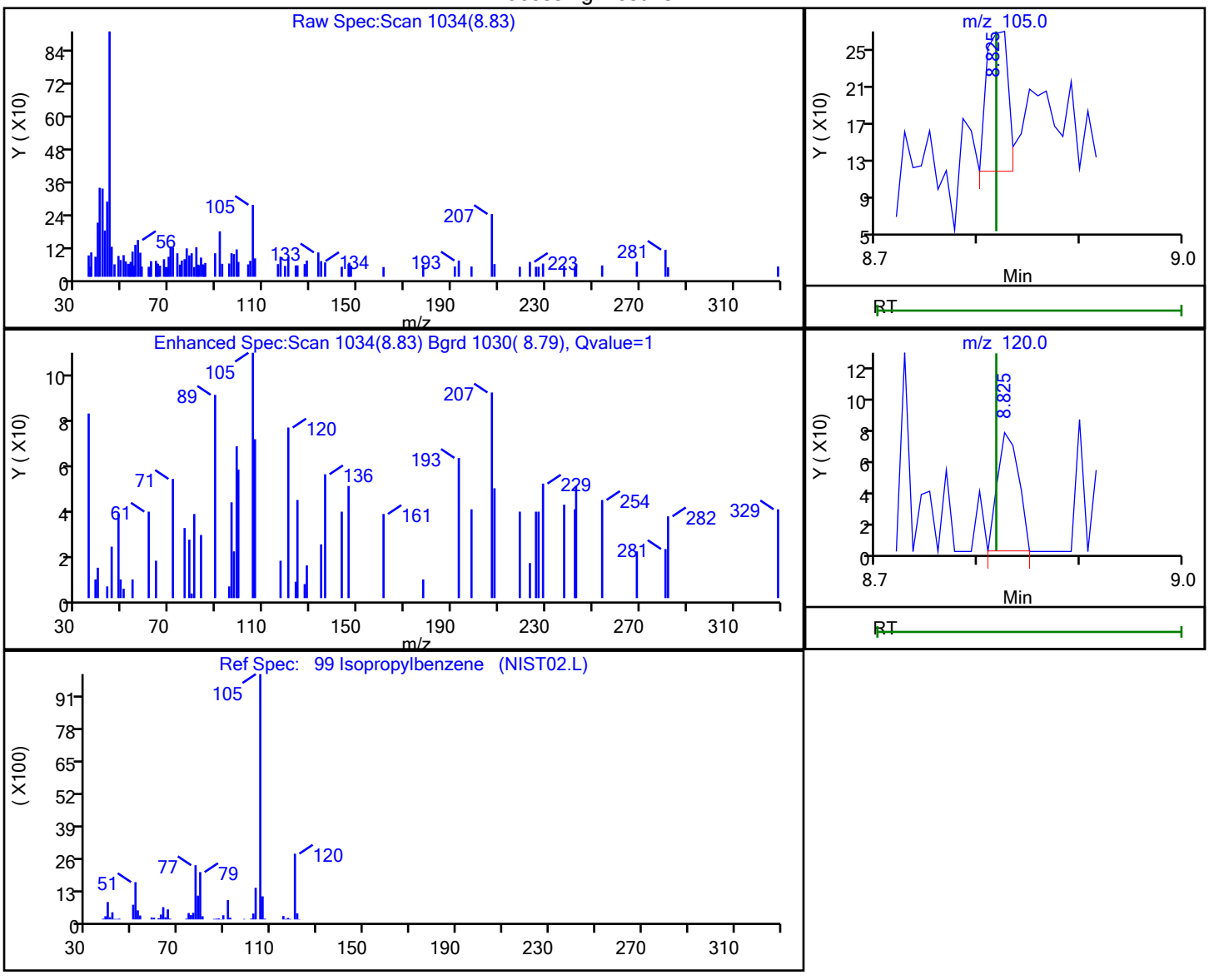
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 99 Isopropylbenzene, CAS: 98-82-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.83 | 105.00 | 222 | 0.011299 |
| 8.83 | 120.00 | 106 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

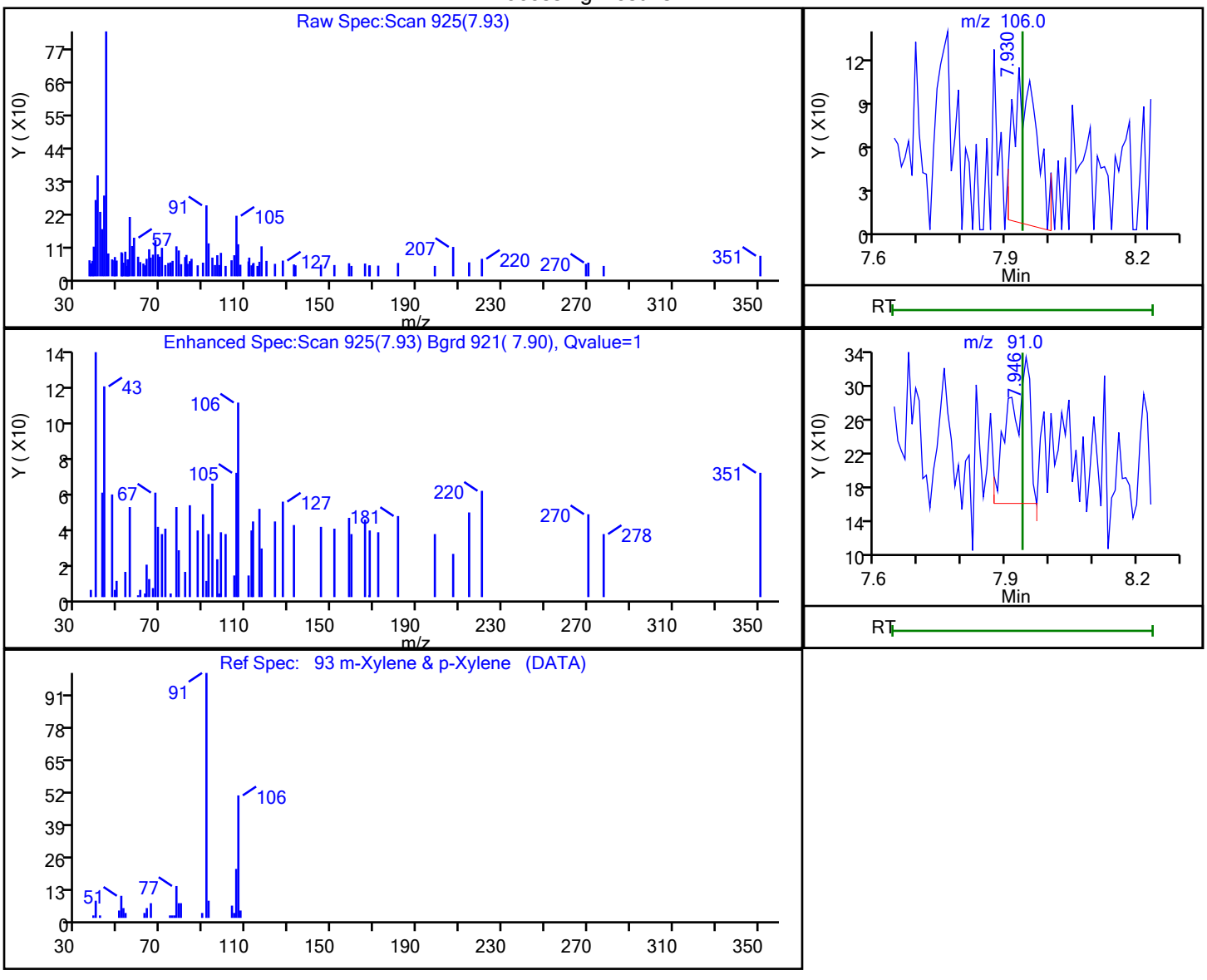
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 93 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.93 | 106.00 | 381 | 0.053640 |
| 7.95 | 91.00 | 563 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

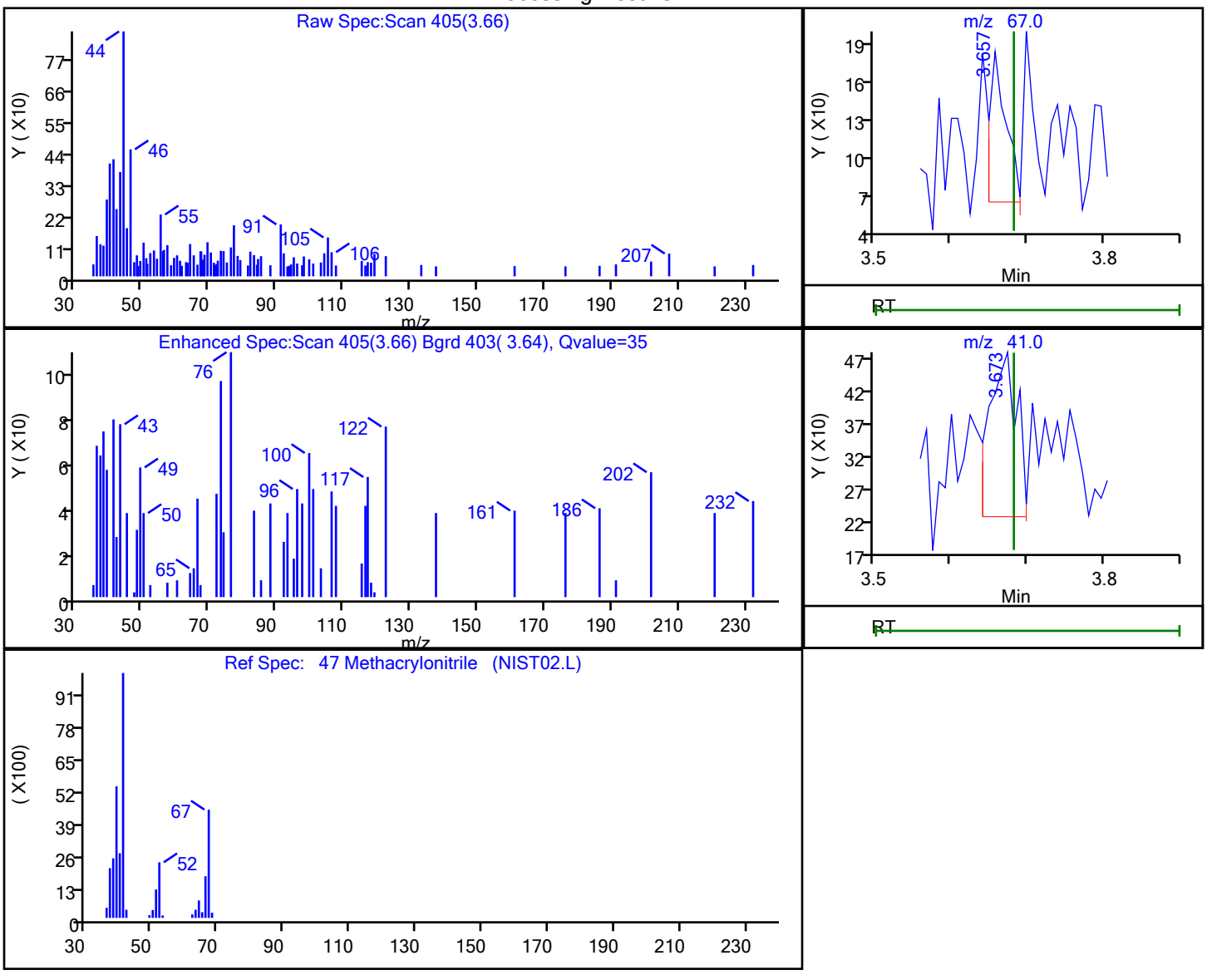
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 47 Methacrylonitrile, CAS: 126-98-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.66 | 67.00 | 165 | 0.096082 |
| 3.67 | 41.00 | 632 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

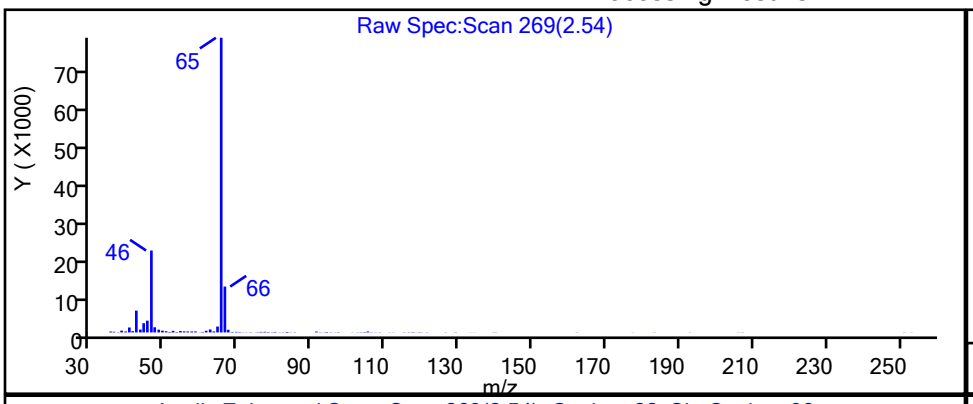
User Disabled Compound Report

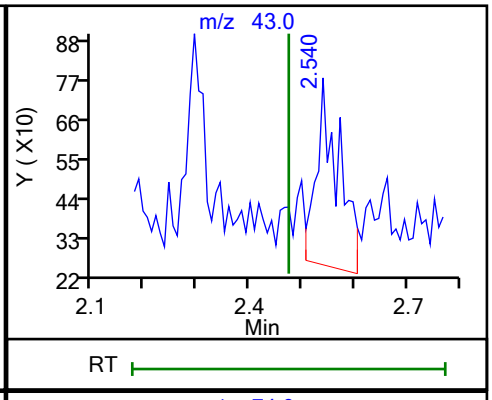
Eurofins Edison

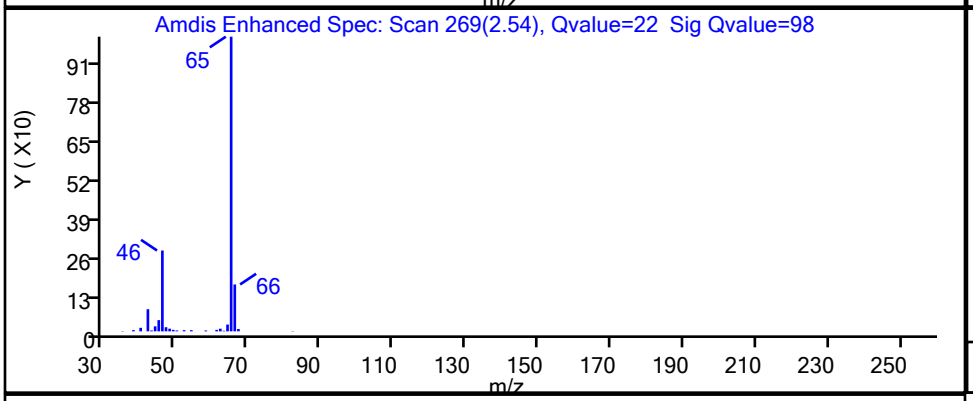
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

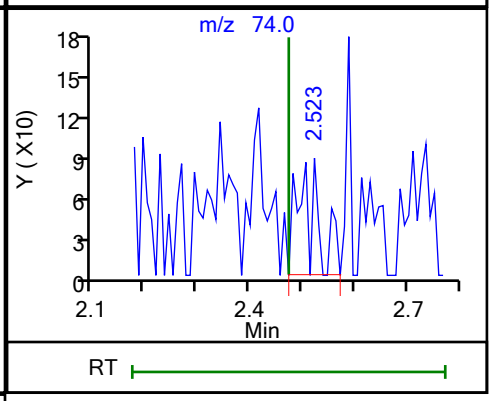
## 22 Methyl acetate, CAS: 79-20-9

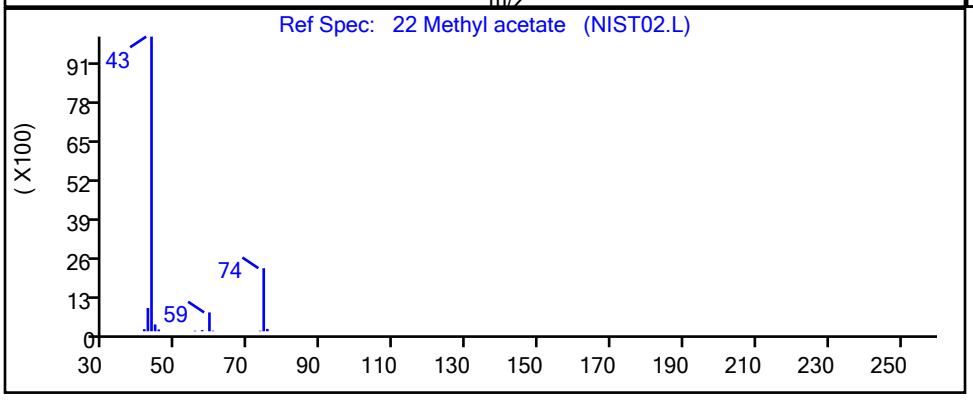
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.54 | 43.00 | 1592 | 0.527753 |
| 2.52 | 74.00 | 225 | |

Reviewer: NN6A, 17-Jan-2025 12:57:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

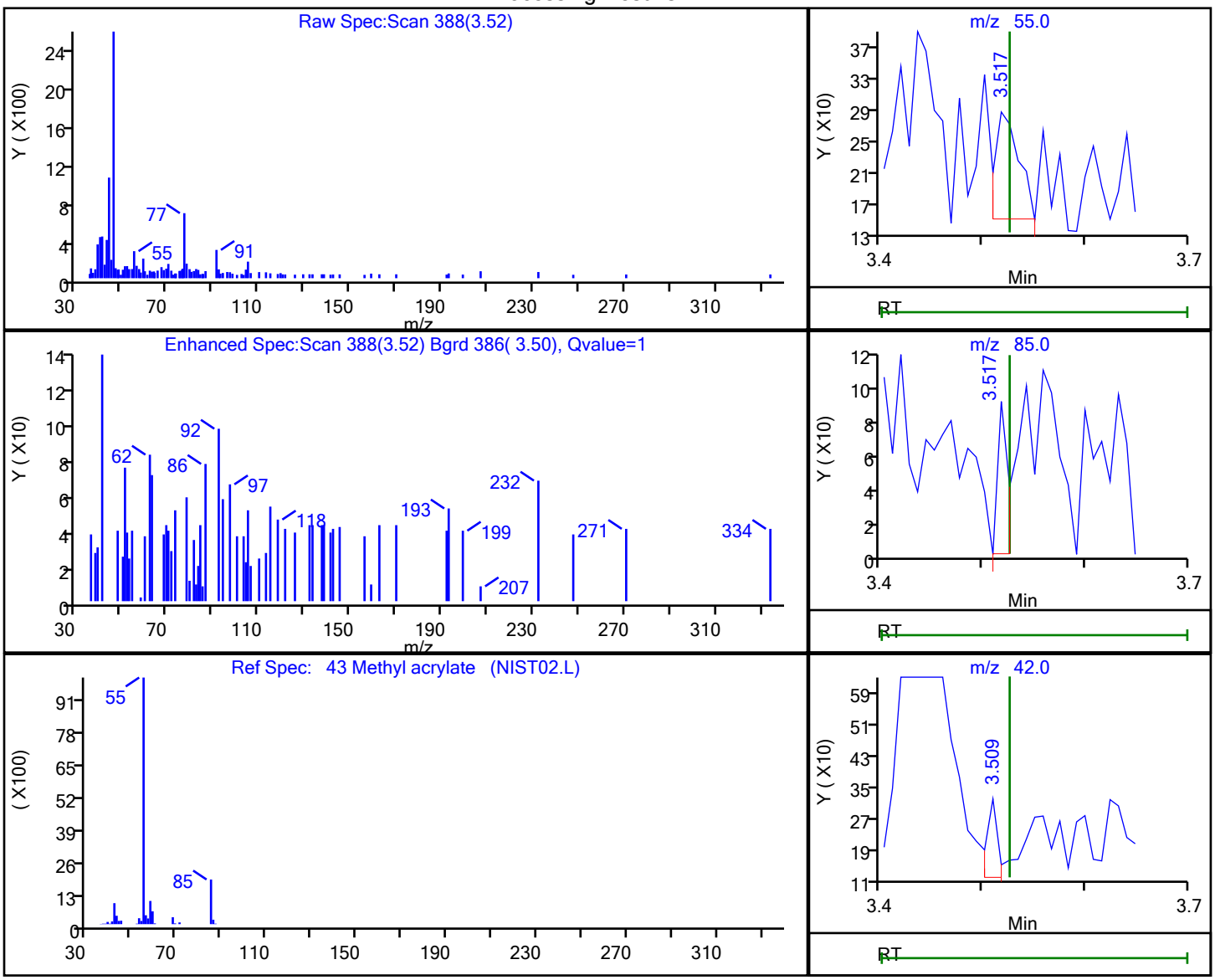
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 43 Methyl acrylate, CAS: 96-33-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.52 | 55.00 | 218 | 0.076359 |
| 3.52 | 85.00 | 63 | |
| 3.51 | 42.00 | 149 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

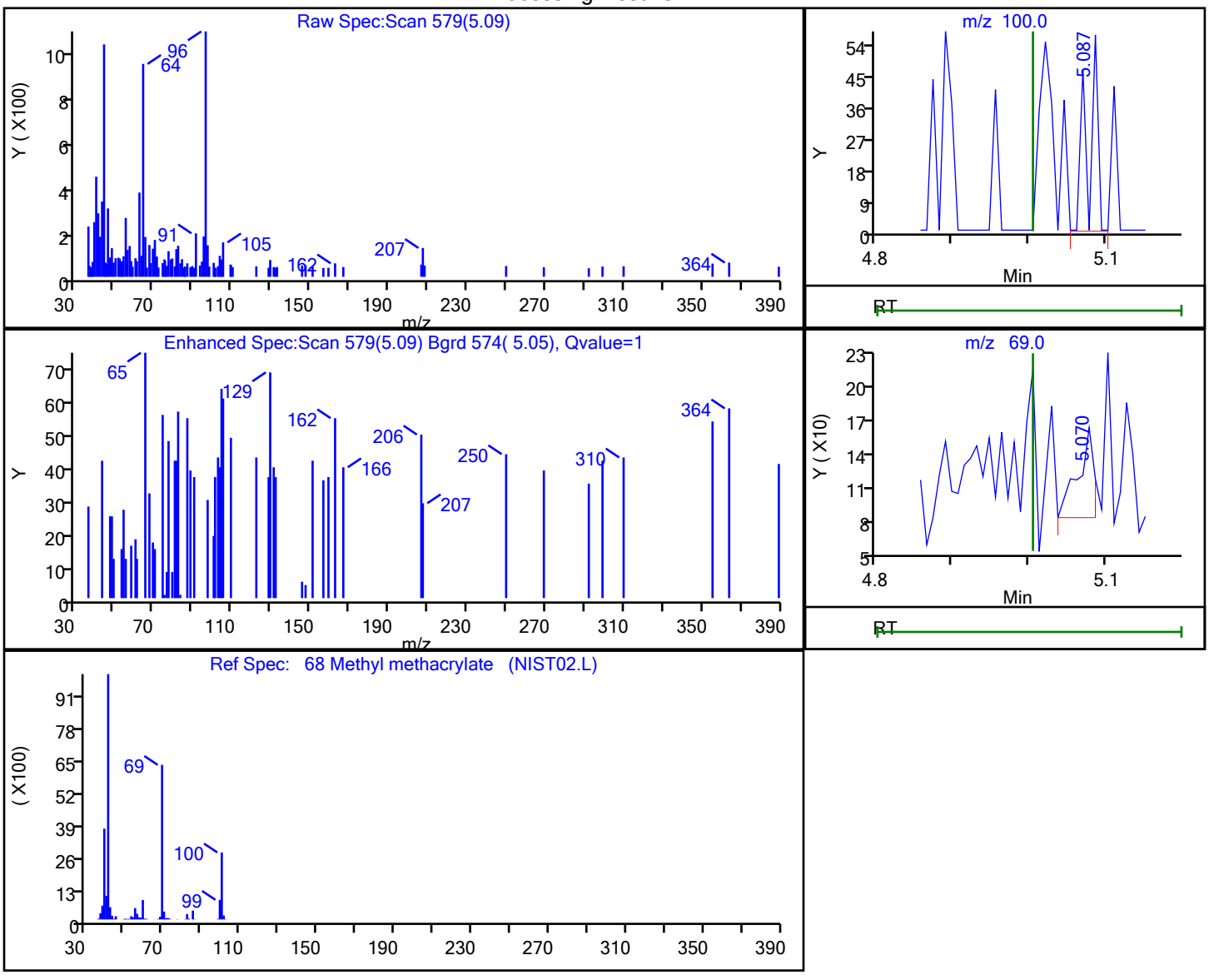
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 68 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.09 | 100.00 | 51 | 0.049819 |
| 5.07 | 69.00 | 115 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

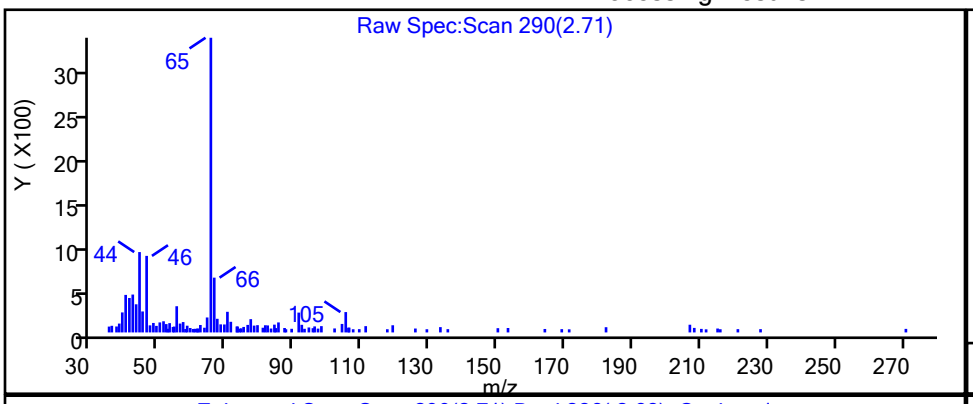
User Disabled Compound Report

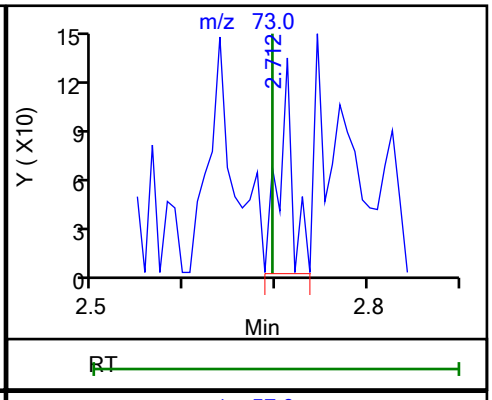
Eurofins Edison

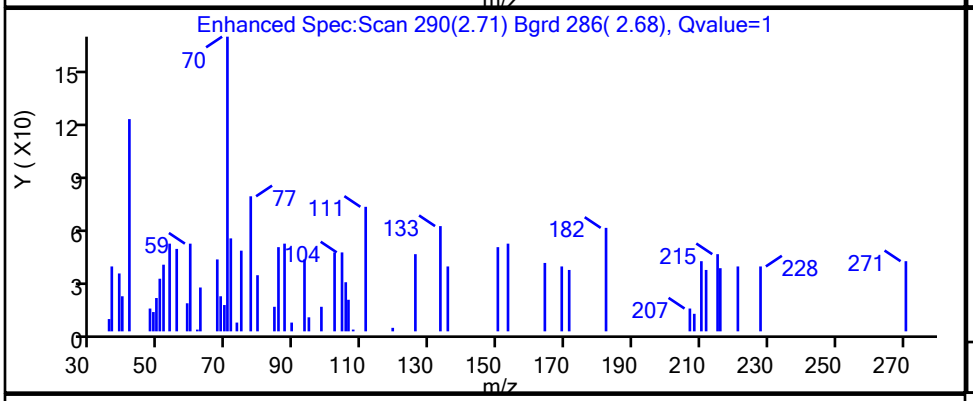
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

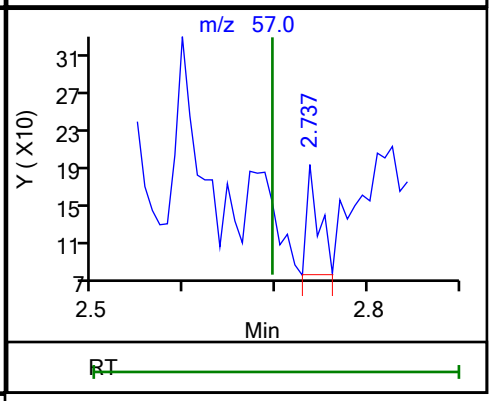
## 28 Methyl tert-butyl ether, CAS: 1634-04-4

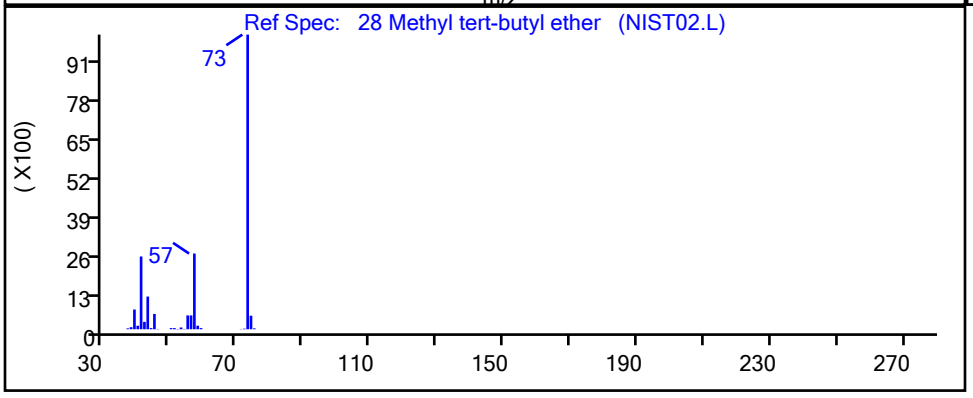
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.71 | 73.00 | 140 | 0.008913 |
| 2.74 | 57.00 | 109 | |

Reviewer: NN6A, 17-Jan-2025 12:57:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

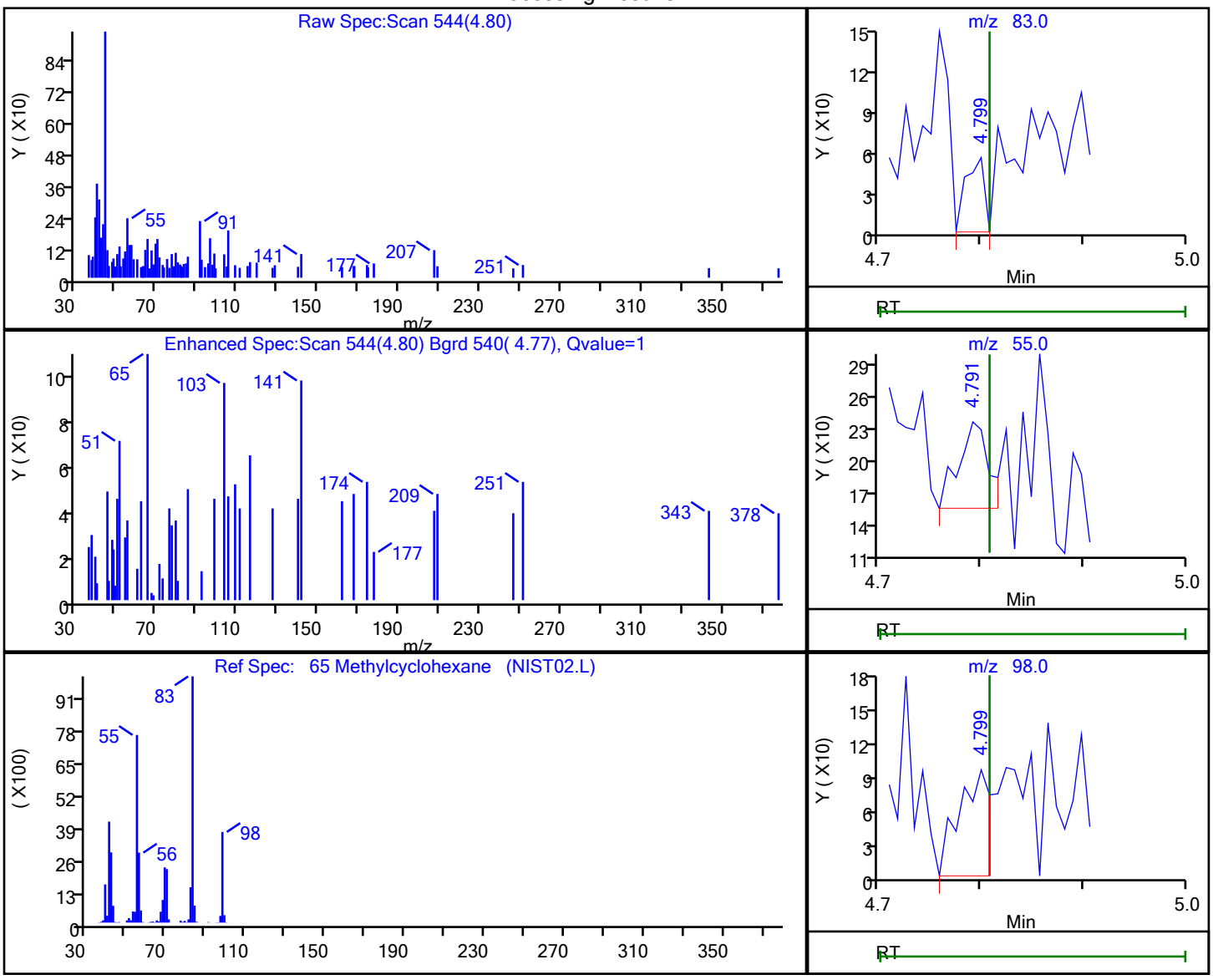
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 65 Methylcyclohexane, CAS: 108-87-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.80 | 83.00 | 66 | 0.007365 |
| 4.79 | 55.00 | 160 | |
| 4.80 | 98.00 | 196 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

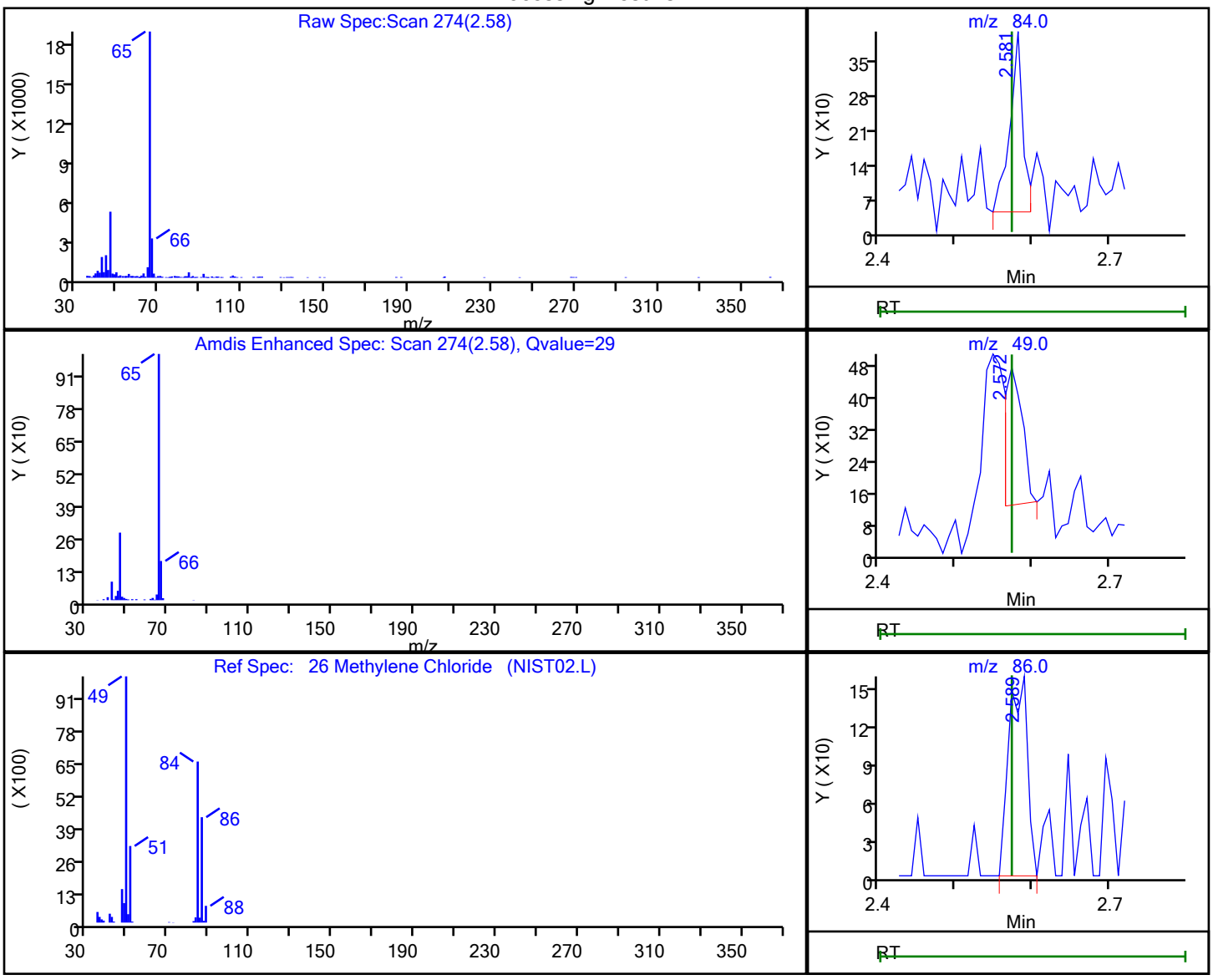
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 26 Methylene Chloride, CAS: 75-09-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.58 | 84.00 | 435 | 0.065903 |
| 2.57 | 49.00 | 561 | |
| 2.59 | 86.00 | 261 | |

Reviewer: NN6A, 17-Jan-2025 12:57:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

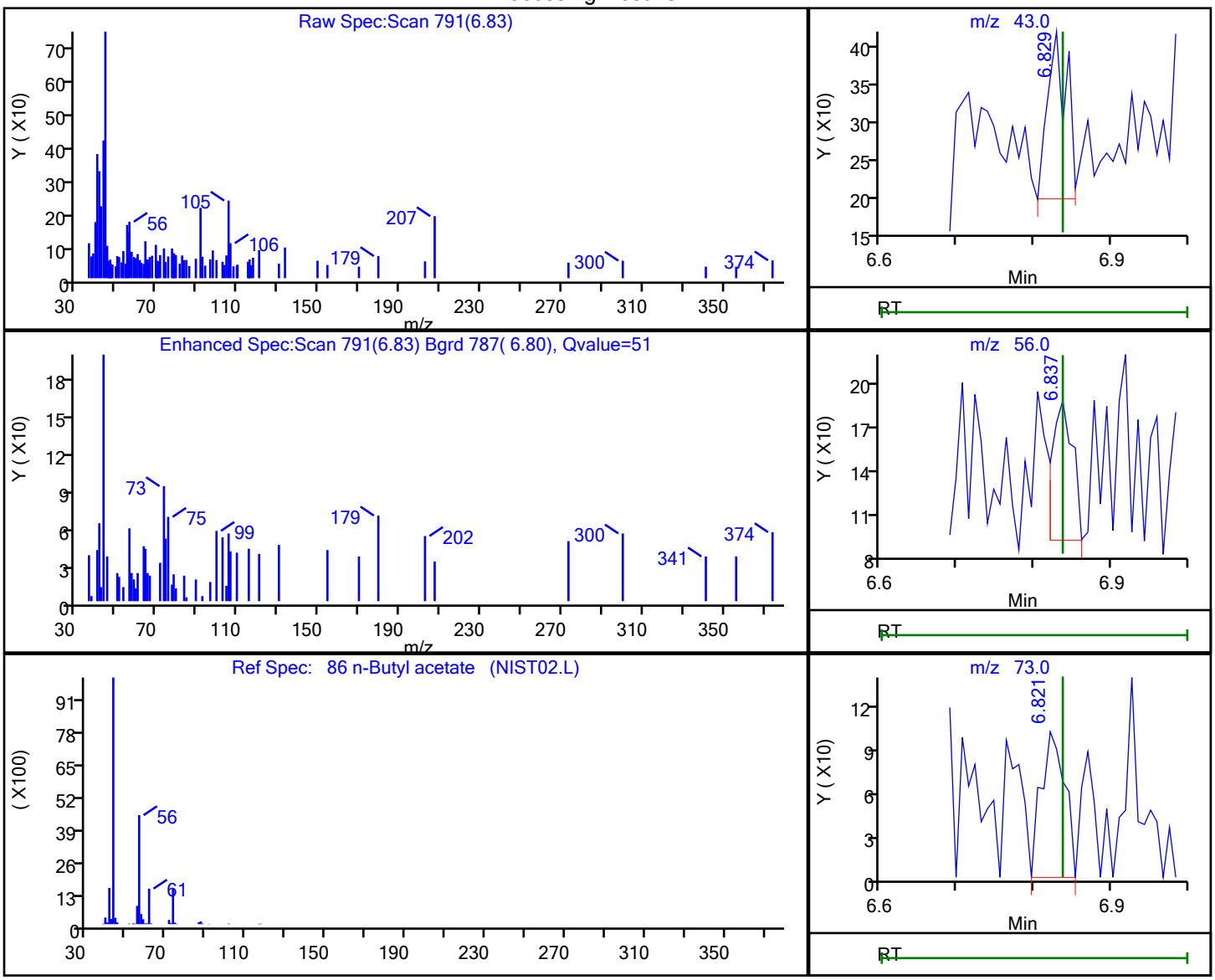
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 86 n-Butyl acetate, CAS: 123-86-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.83 | 43.00 | 386 | 0.071848 |
| 6.84 | 56.00 | 175 | |
| 6.82 | 73.00 | 219 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

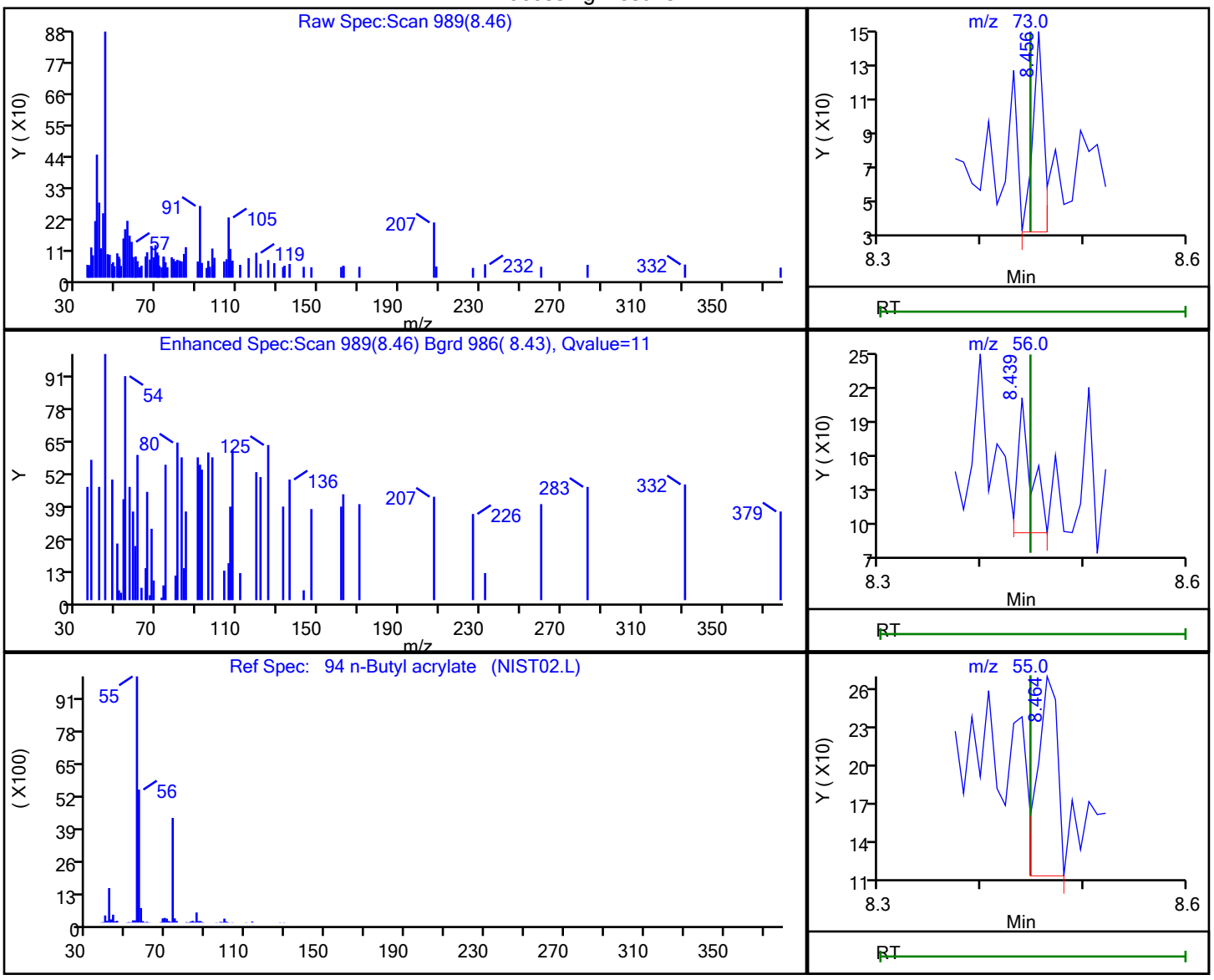
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 94 n-Butyl acrylate, CAS: 141-32-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.46 | 73.00 | 85 | 0.023808 |
| 8.44 | 56.00 | 108 | |
| 8.46 | 55.00 | 208 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

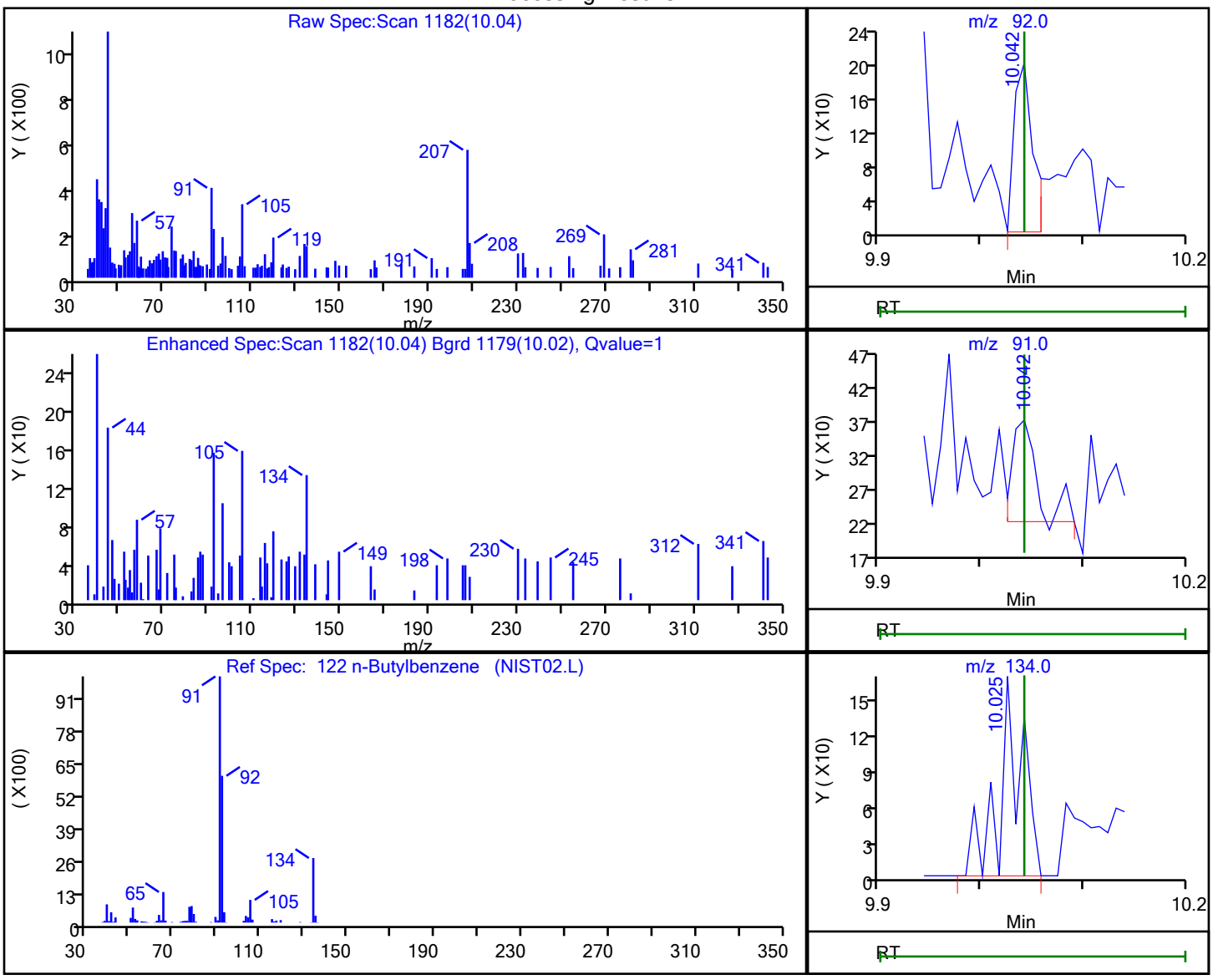
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 122 n-Butylbenzene, CAS: 104-51-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.04 | 92.00 | 255 | 0.021328 |
| 10.04 | 91.00 | 252 | |
| 10.03 | 134.00 | 254 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

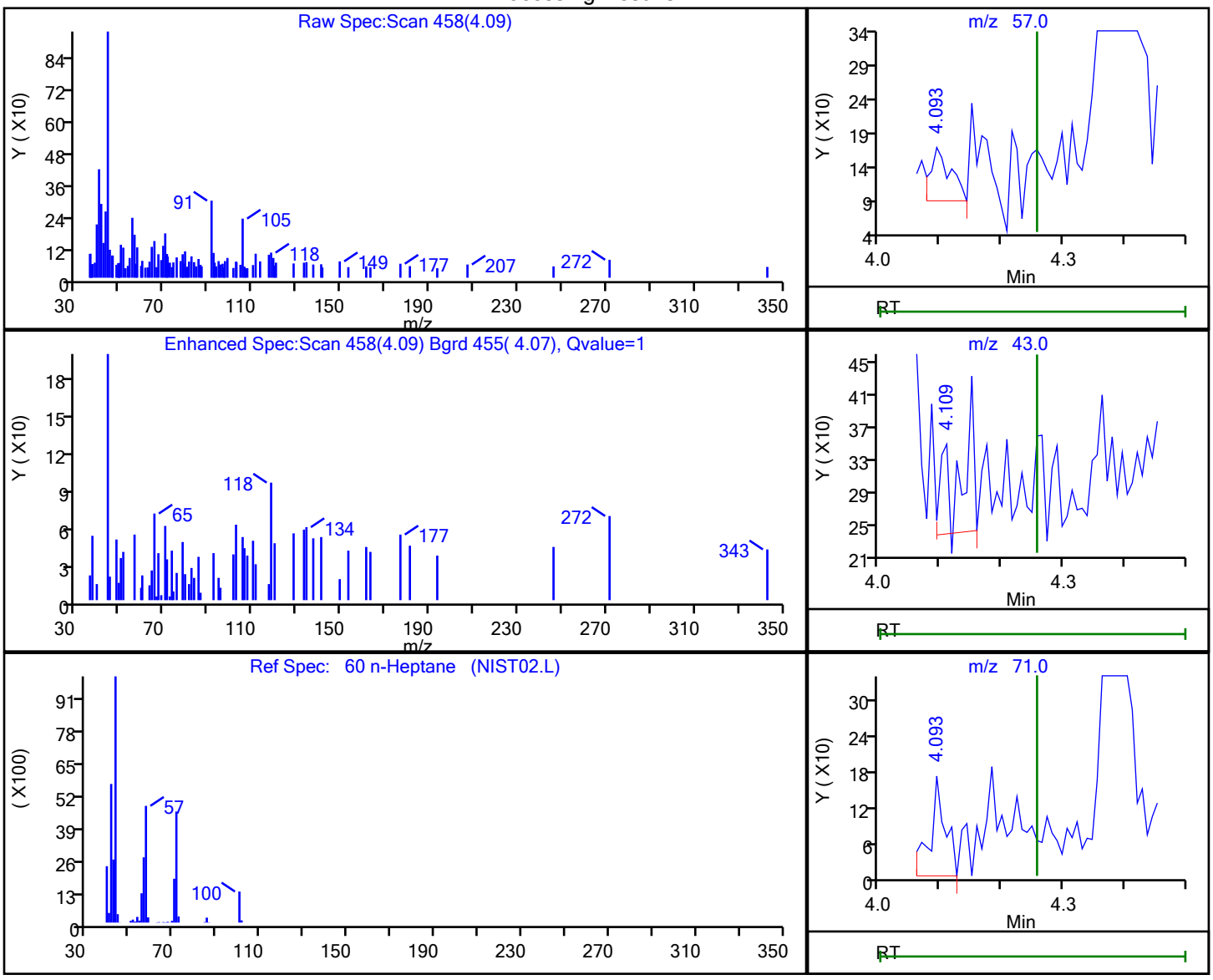
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 60 n-Heptane, CAS: 142-82-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.09 | 57.00 | 177 | 0.023588 |
| 4.11 | 43.00 | 279 | |
| 4.09 | 71.00 | 296 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

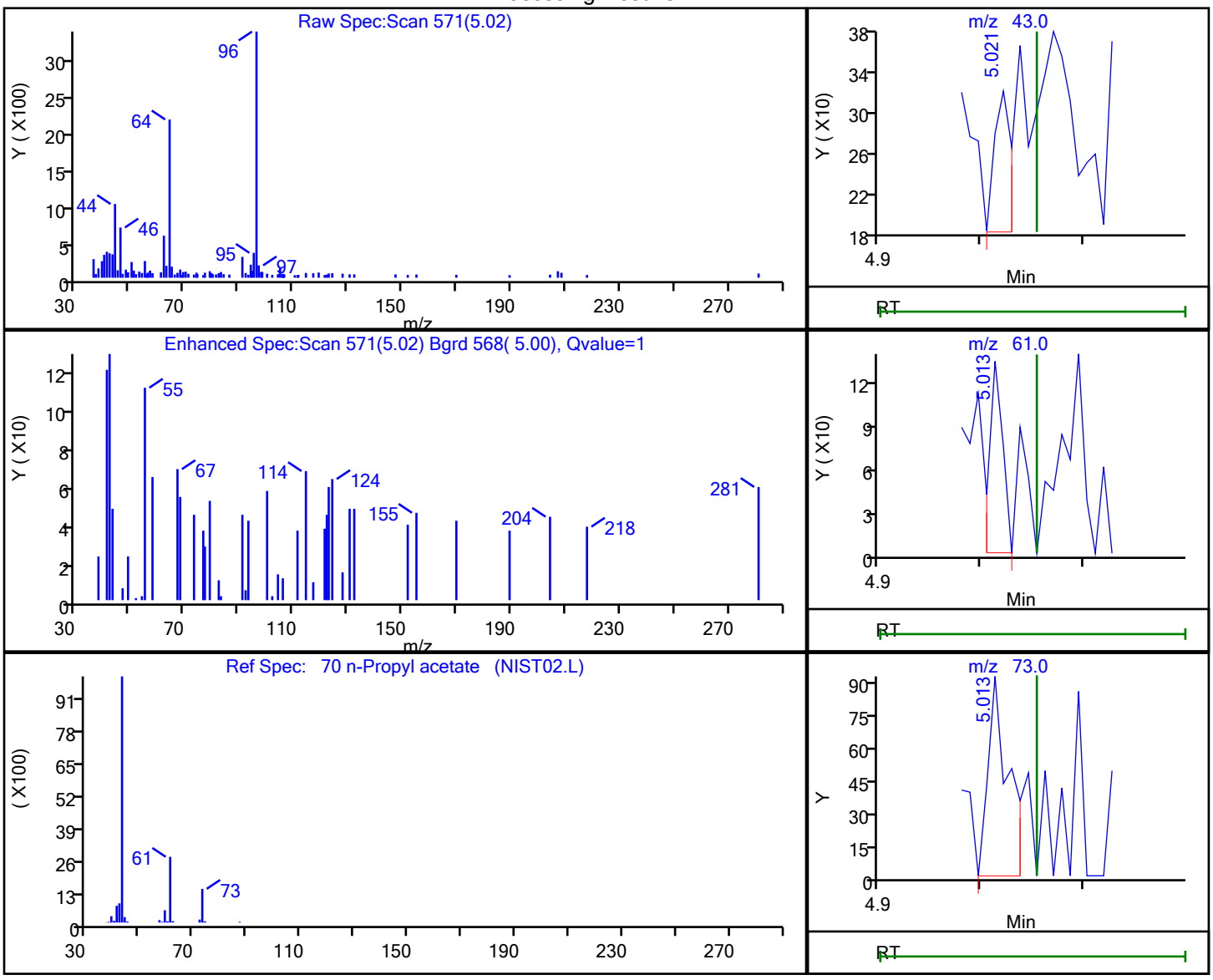
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D | | | | |
| Injection Date: | 16-Jan-2025 04:11:30 | Instrument ID: | CVOAMS6 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 70 n-Propyl acetate, CAS: 109-60-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.02 | 43.00 | 146 | 0.031205 |
| 5.01 | 61.00 | 120 | |
| 5.01 | 73.00 | 130 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

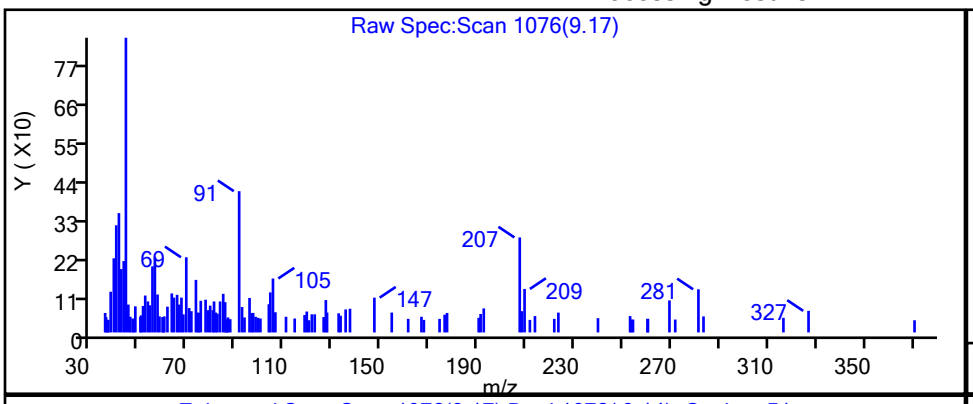
User Disabled Compound Report

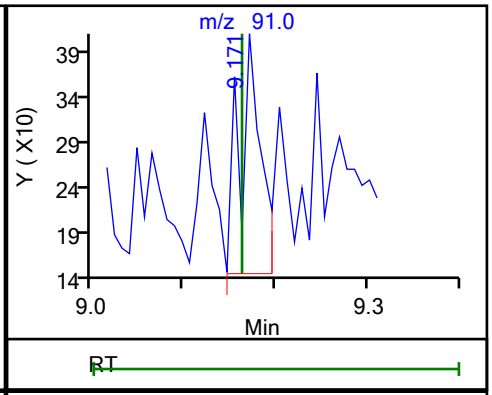
Eurofins Edison

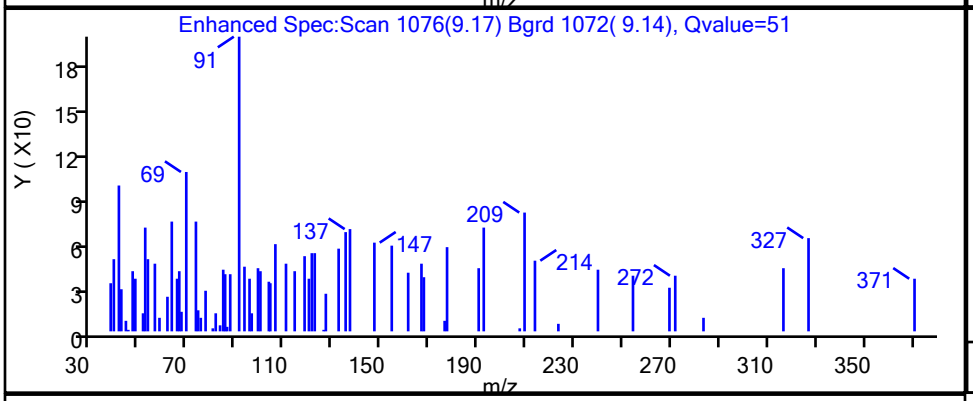
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

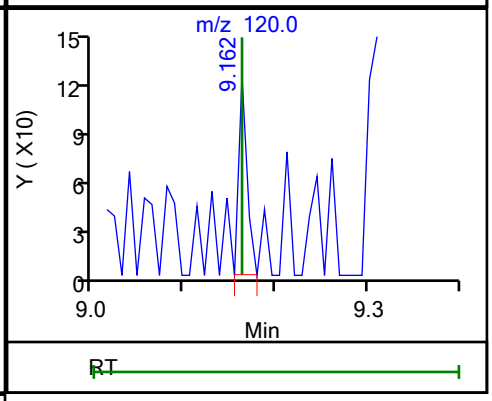
## 103 N-Propylbenzene, CAS: 103-65-1

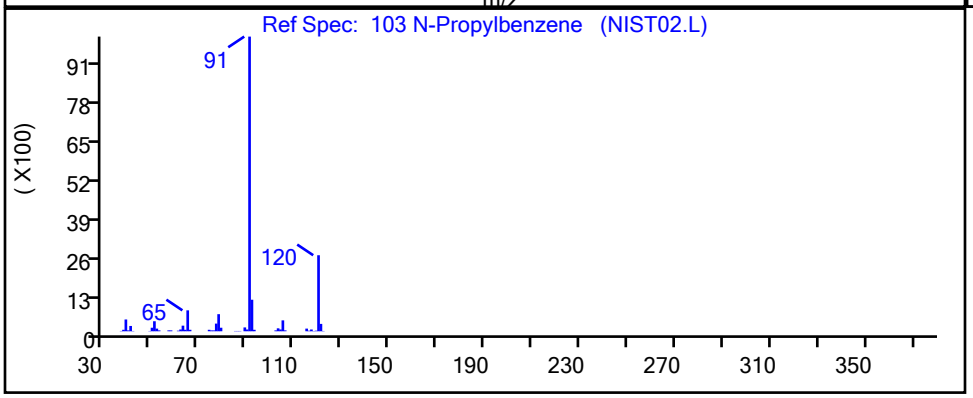
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.17 | 91.00 | 429 | 0.016414 |
| 9.16 | 120.00 | 77 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

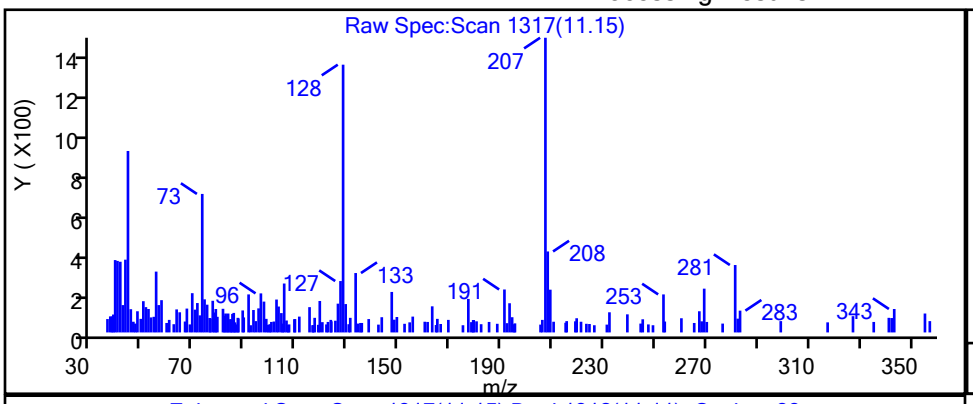
User Disabled Compound Report

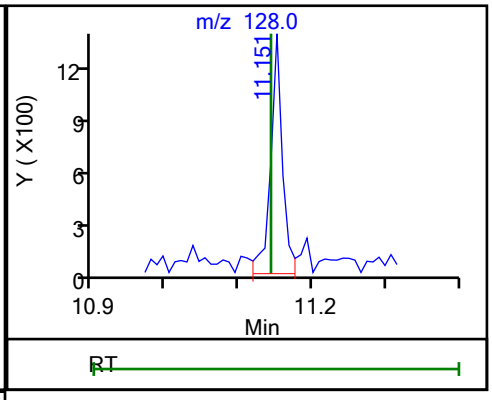
Eurofins Edison

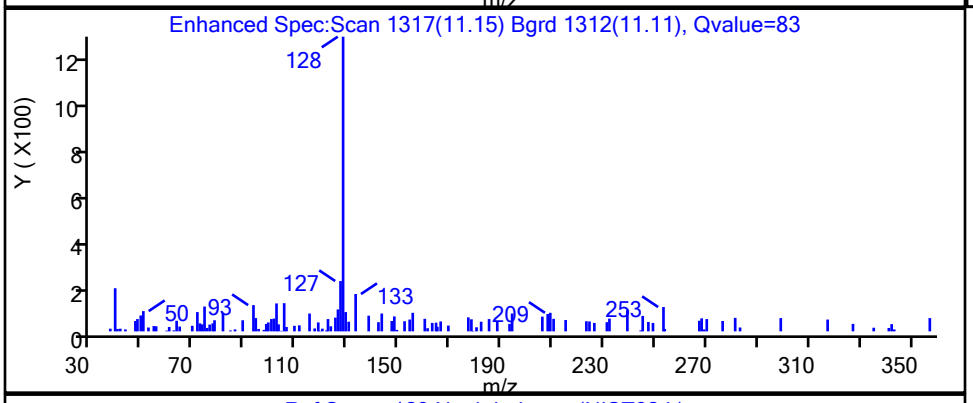
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

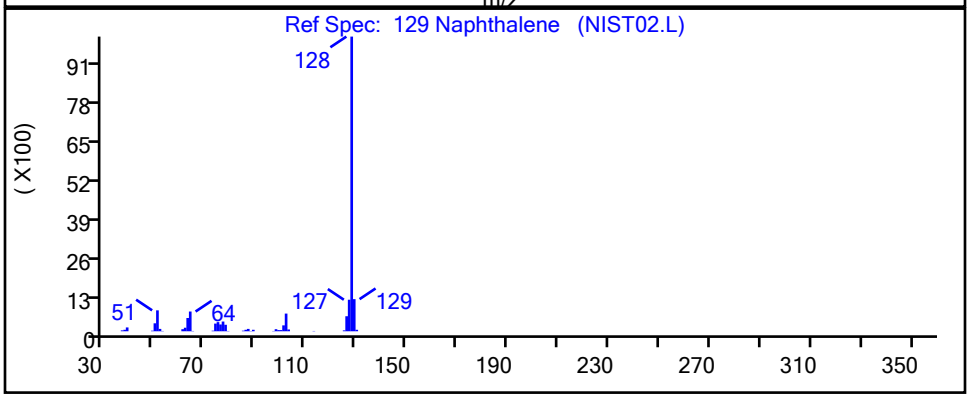
## 129 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.15 | 128.00 | 1458 | 0.079139 |

Reviewer: NN6A, 17-Jan-2025 12:57:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

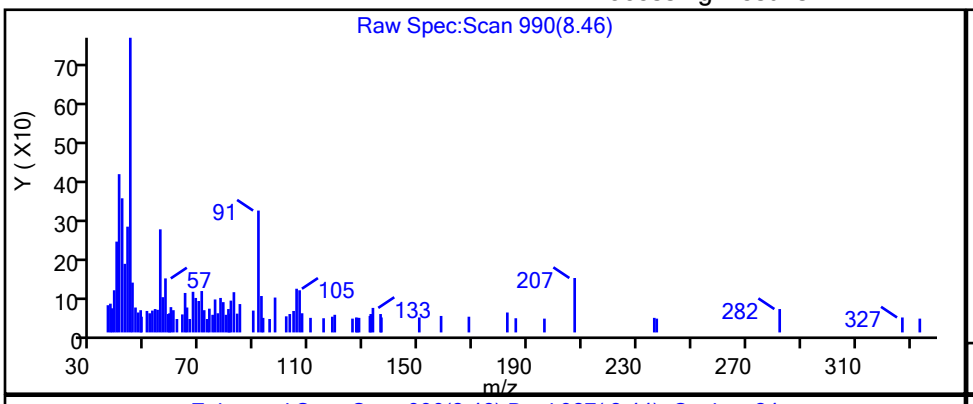
User Disabled Compound Report

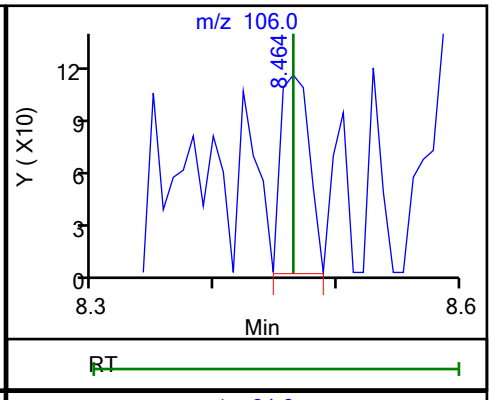
Eurofins Edison

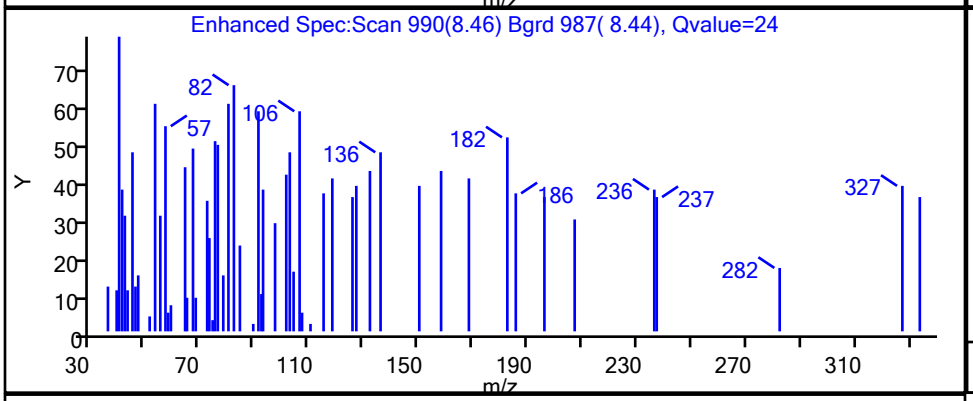
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

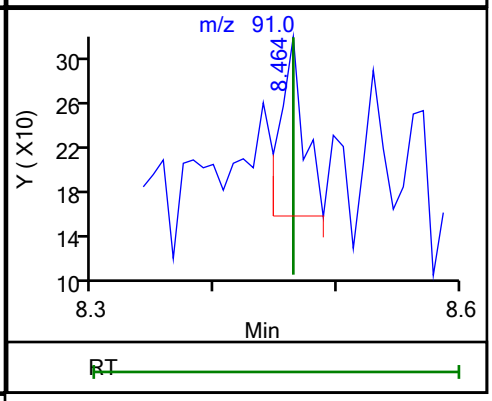
## 95 o-Xylene, CAS: 95-47-6

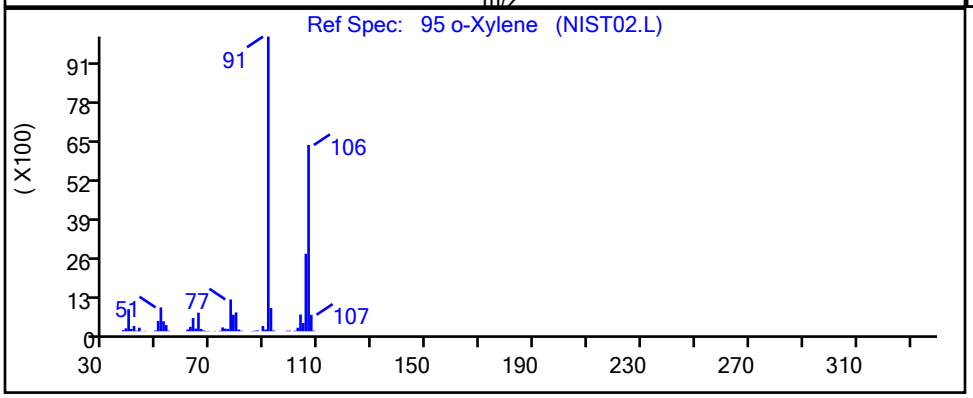
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.46 | 106.00 | 179 | 0.023003 |
| 8.46 | 91.00 | 215 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

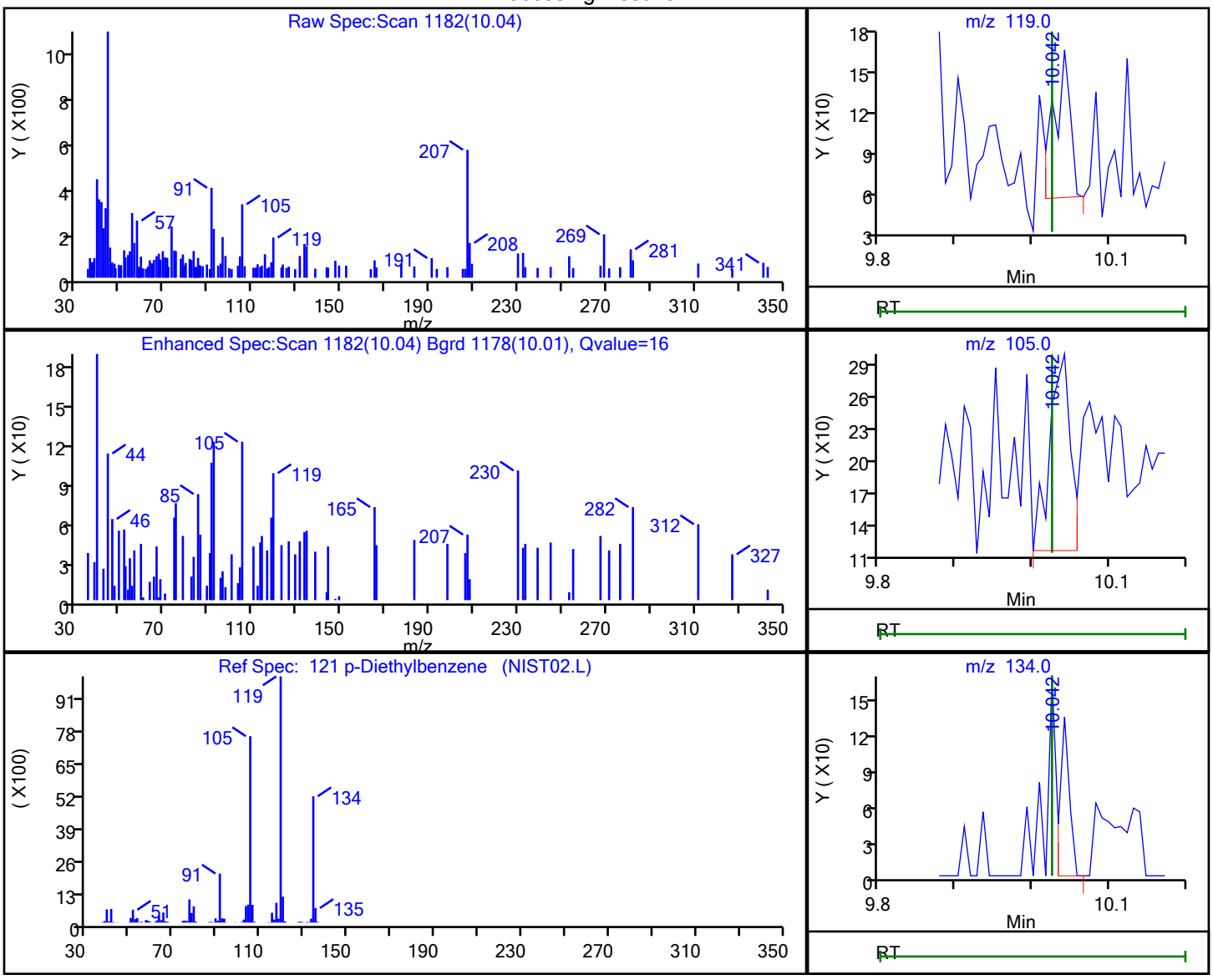
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 121 p-Diethylbenzene, CAS: 105-05-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.04 | 119.00 | 153 | 0.011053 |
| 10.04 | 105.00 | 356 | |
| 10.04 | 134.00 | 109 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

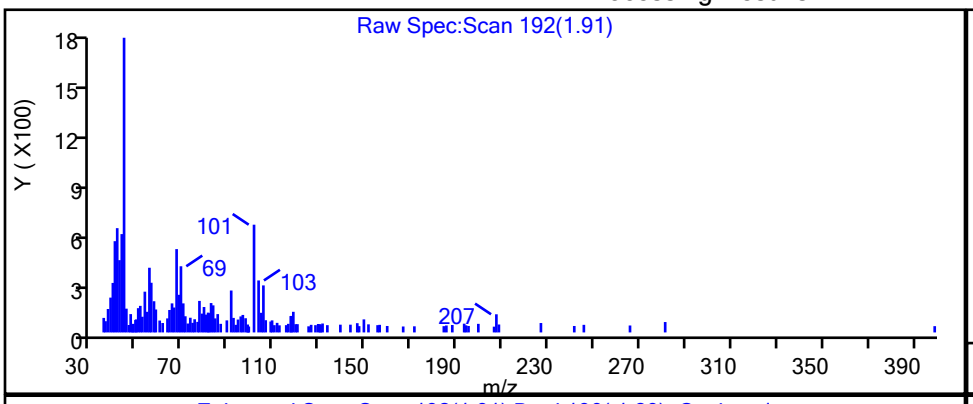
User Disabled Compound Report

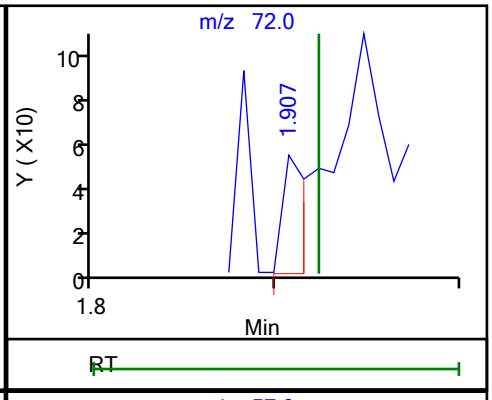
Eurofins Edison

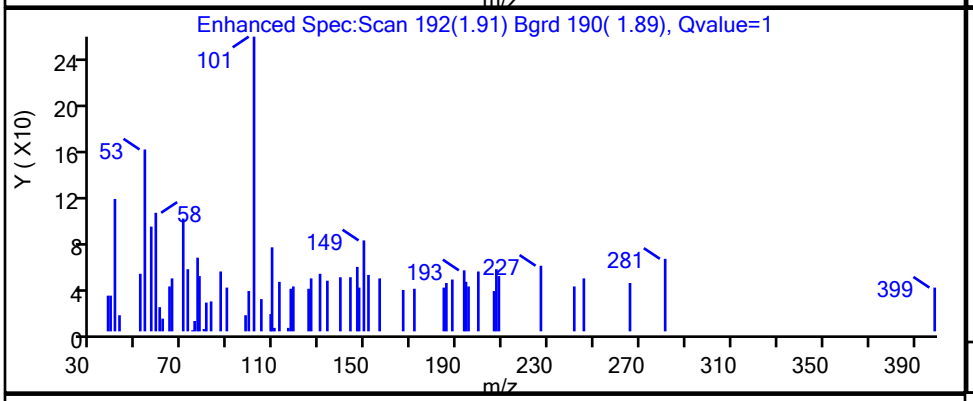
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

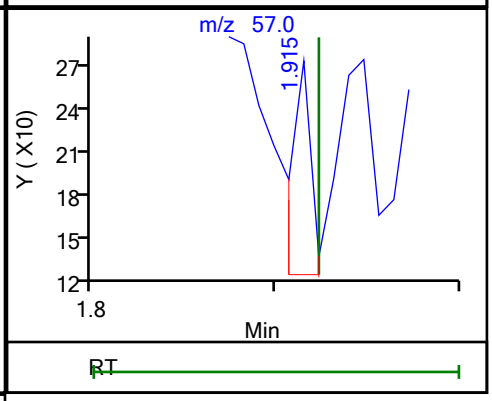
## 9 Pentane, CAS: 109-66-0

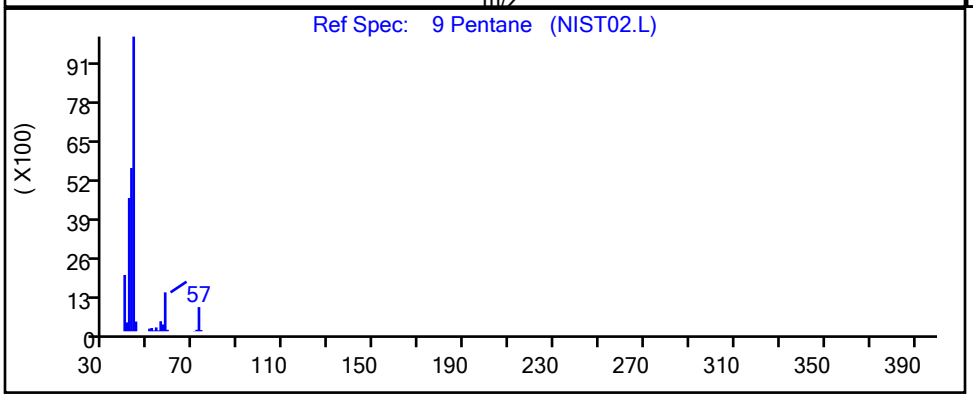
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.91 | 72.00 | 48 | 0.055053 |
| 1.92 | 57.00 | 113 | |

Reviewer: NN6A, 17-Jan-2025 12:57:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

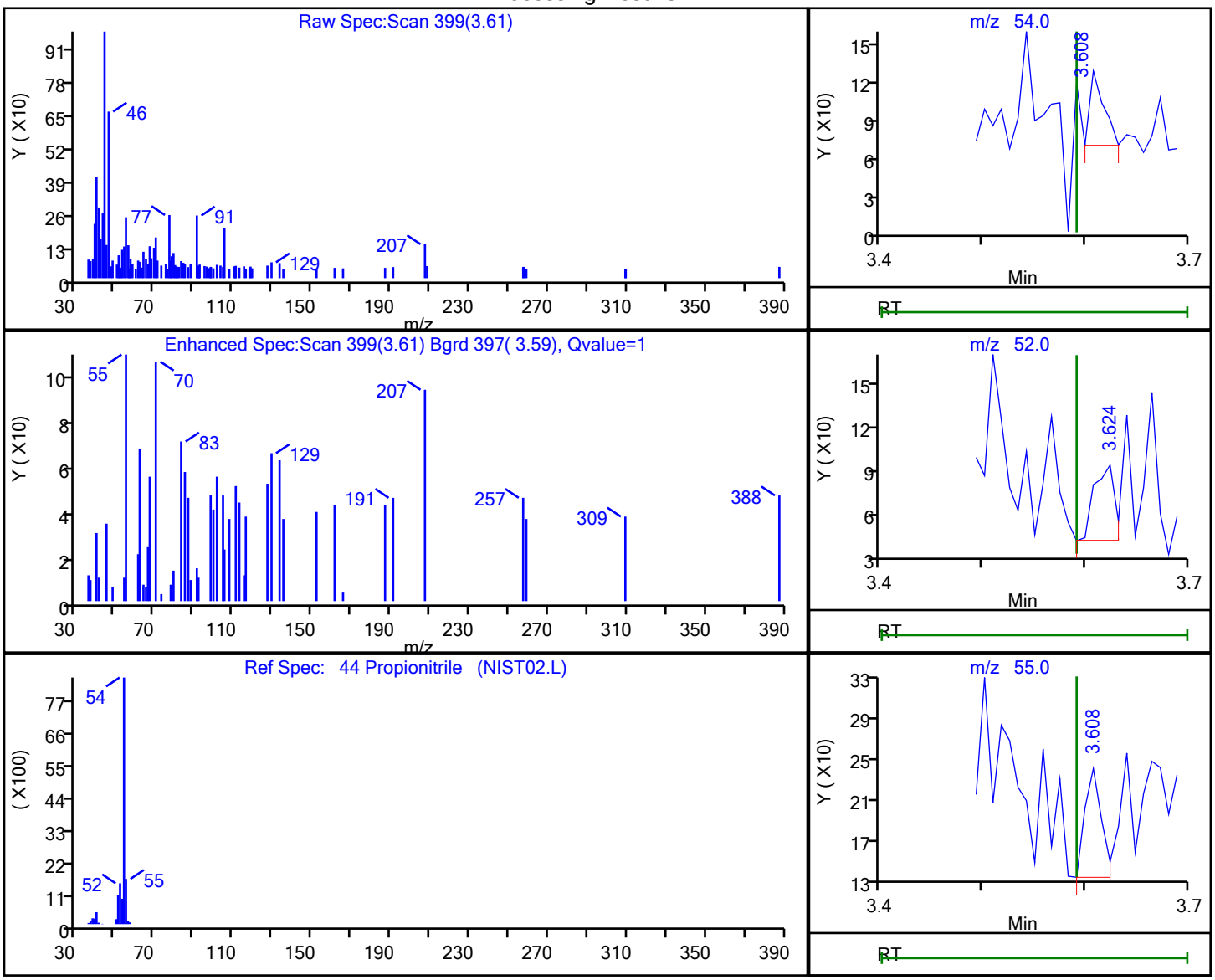
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 44 Propionitrile, CAS: 107-12-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.61 | 54.00 | 55 | 0.195963 |
| 3.62 | 52.00 | 70 | |
| 3.61 | 55.00 | 119 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

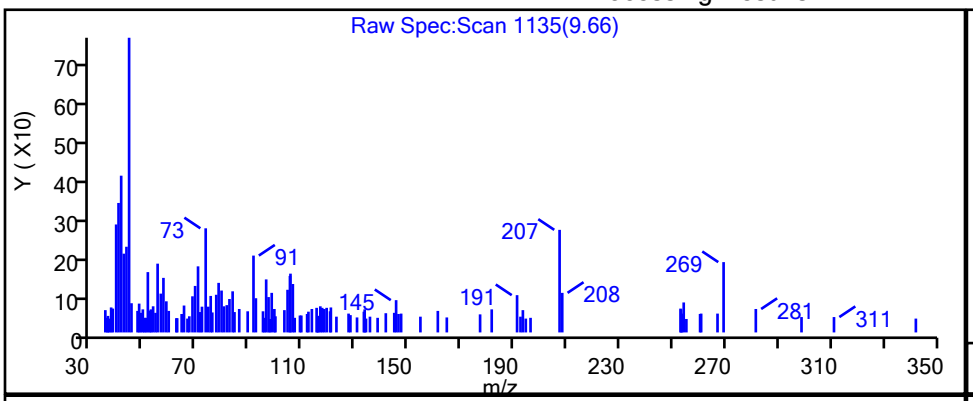
User Disabled Compound Report

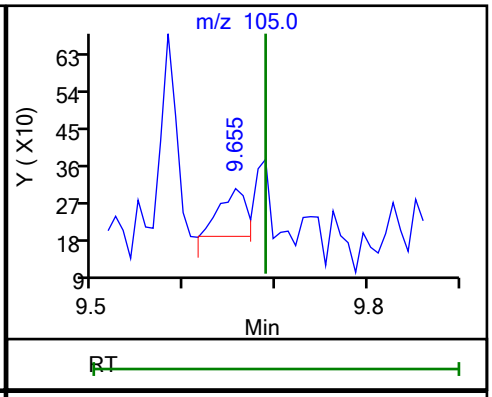
Eurofins Edison

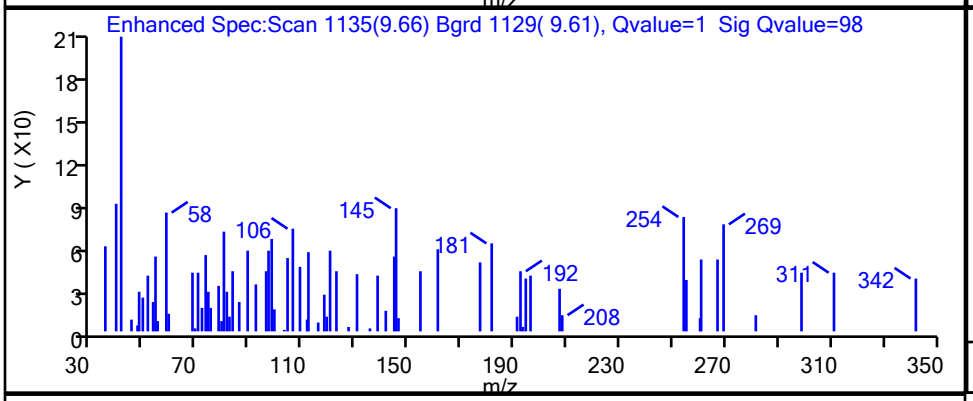
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

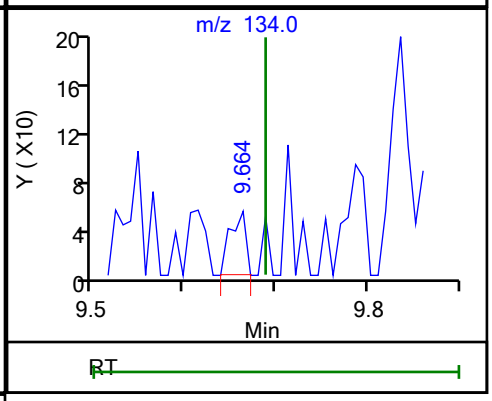
## 113 sec-Butylbenzene, CAS: 135-98-8

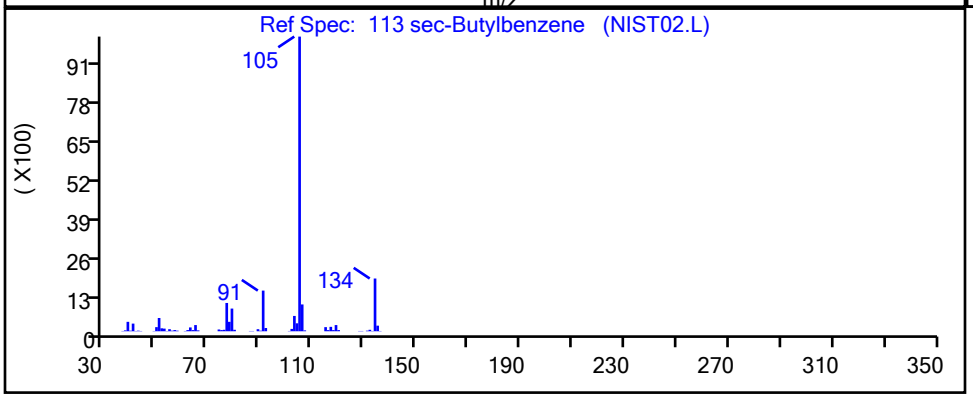
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.66 | 105.00 | 245 | 0.009568 |
| 9.66 | 134.00 | 62 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

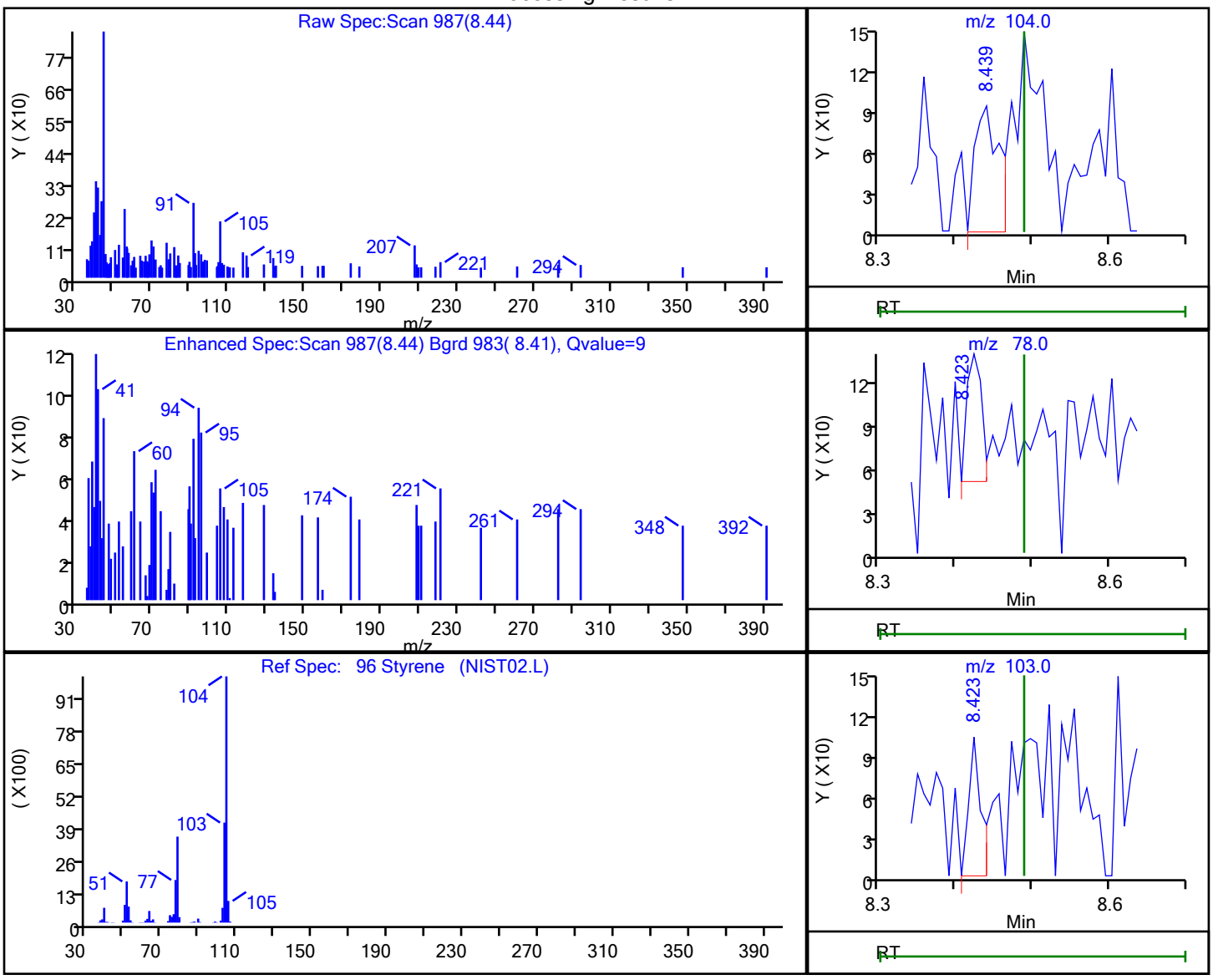
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 96 Styrene, CAS: 100-42-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.44 | 104.00 | 207 | 0.018017 |
| 8.42 | 78.00 | 119 | |
| 8.42 | 103.00 | 110 | |

Reviewer: NN6A, 17-Jan-2025 12:57:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

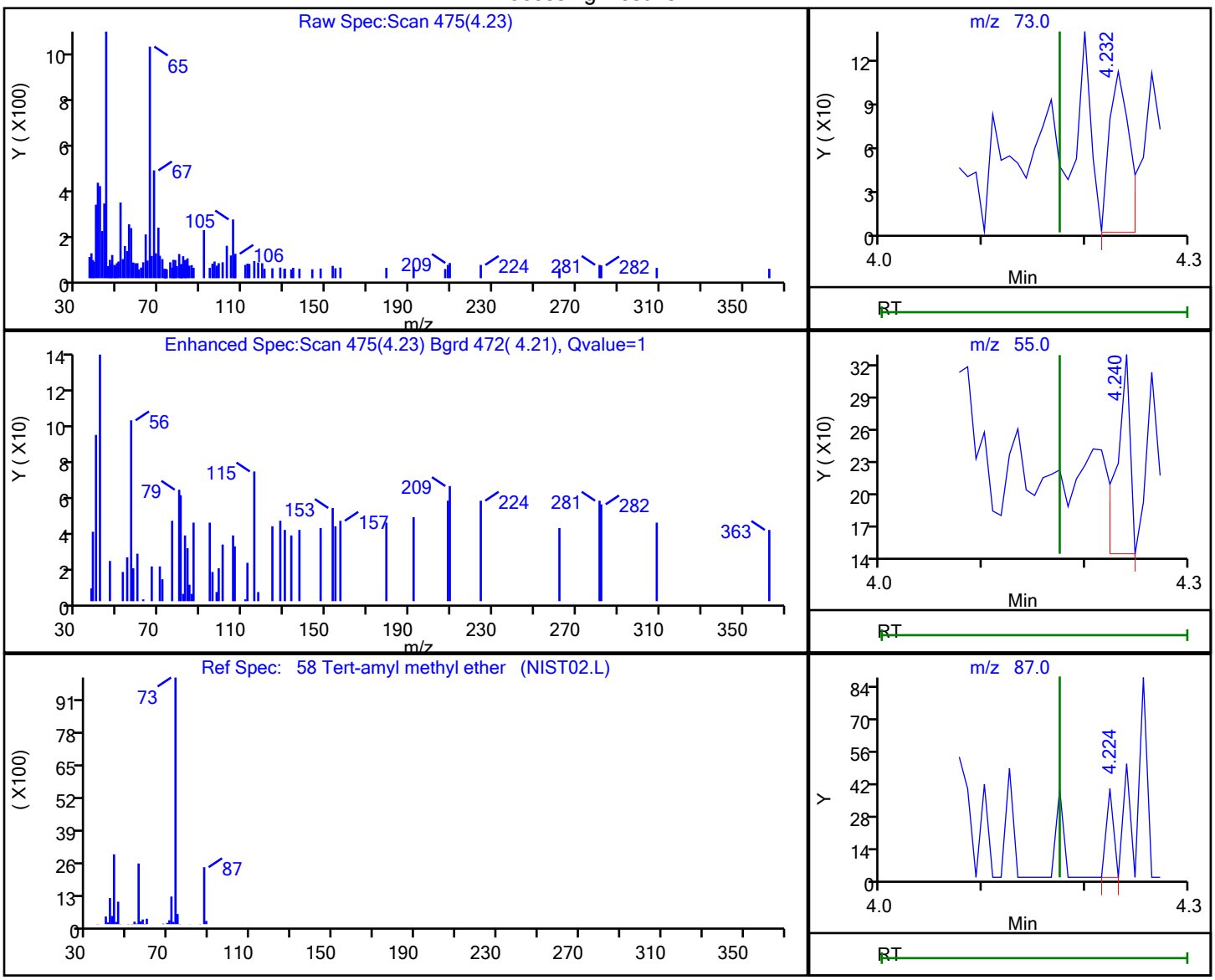
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 58 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.23 | 73.00 | 147 | 0.009023 |
| 4.24 | 55.00 | 160 | |
| 4.22 | 87.00 | 19 | |

Reviewer: NN6A, 17-Jan-2025 12:57:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

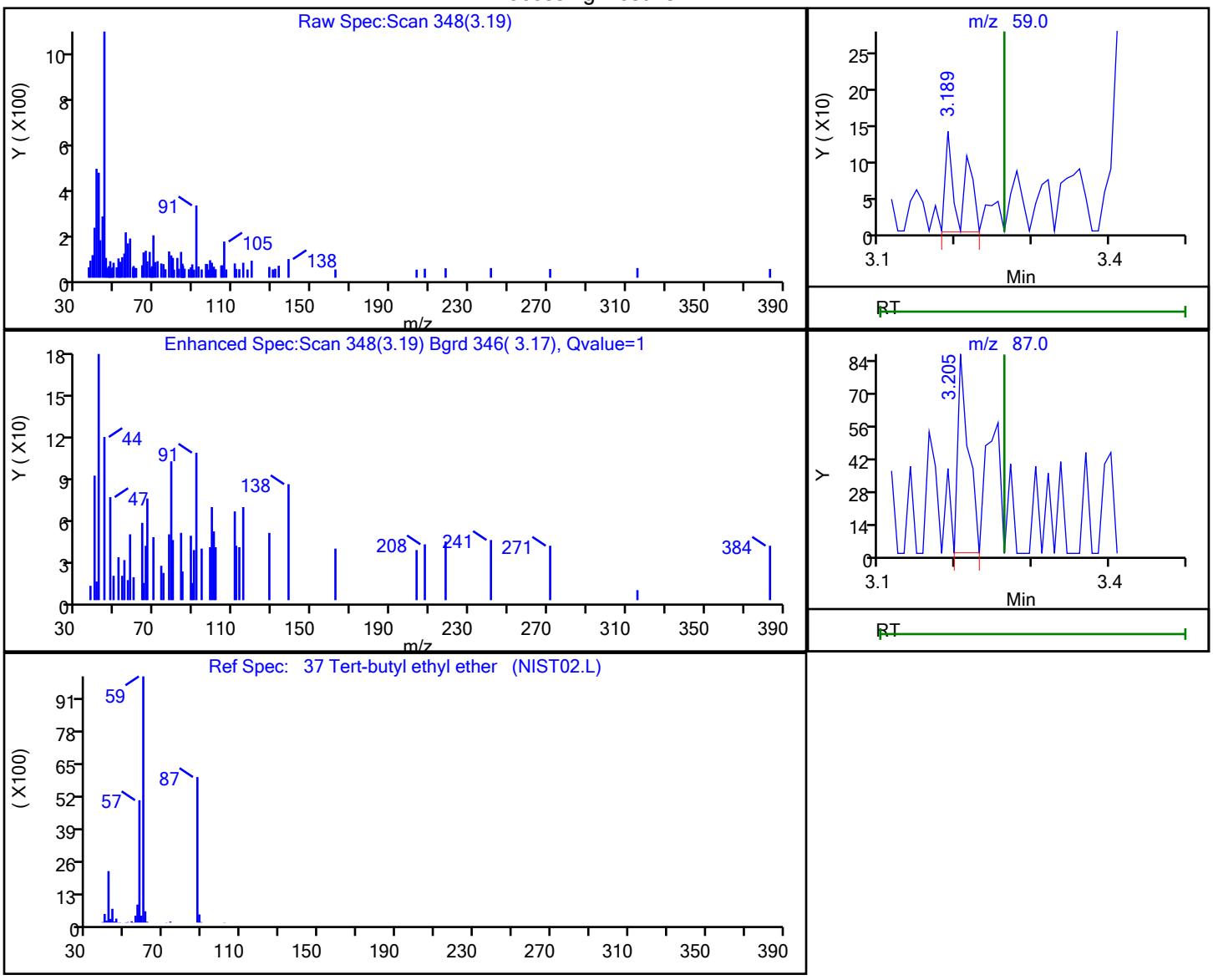
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 37 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.19 | 59.00 | 173 | 0.010288 |
| 3.21 | 87.00 | 84 | |

Reviewer: NN6A, 17-Jan-2025 12:57:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

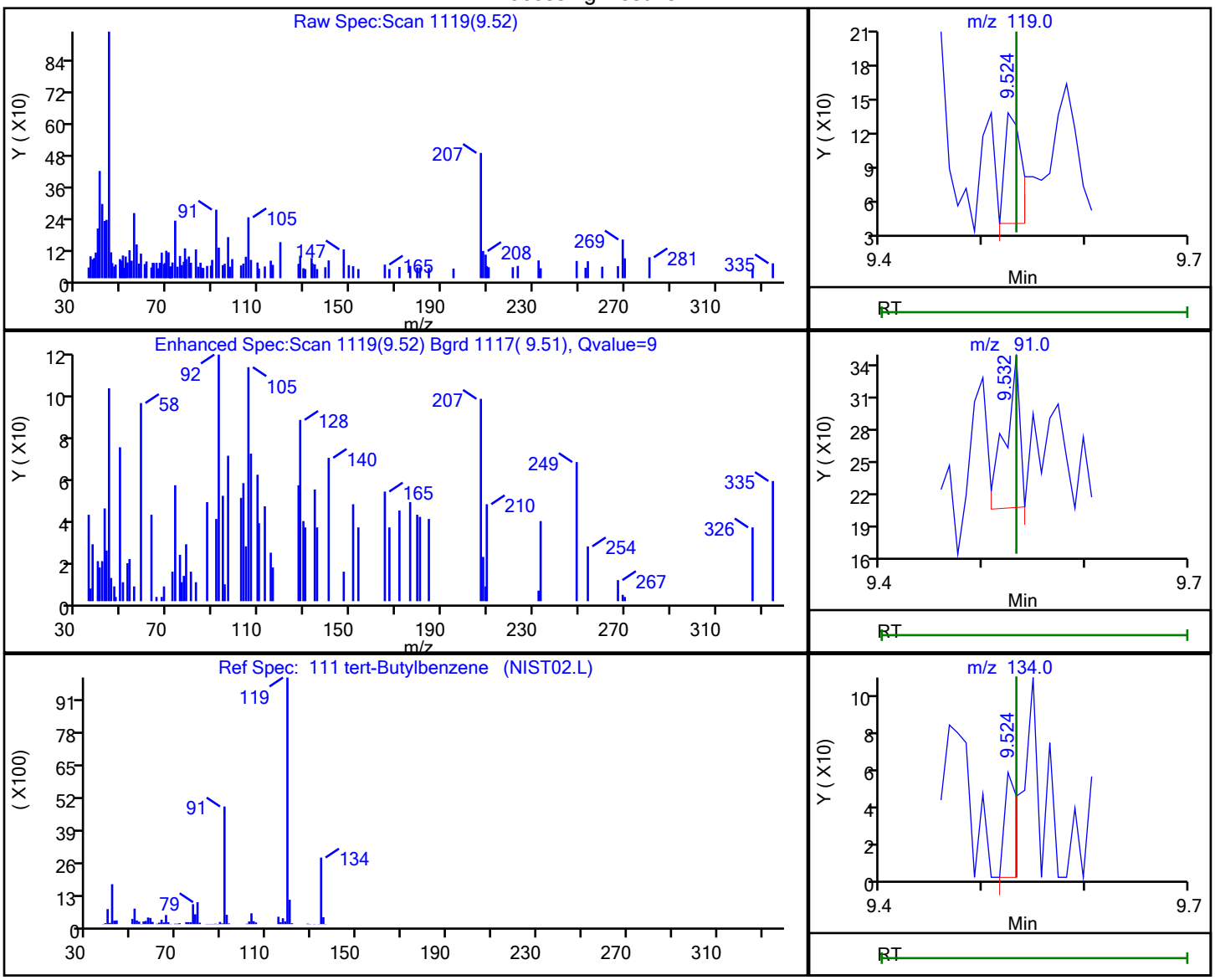
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 111 tert-Butylbenzene, CAS: 98-06-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.52 | 119.00 | 109 | 0.006250 |
| 9.53 | 91.00 | 138 | |
| 9.52 | 134.00 | 46 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

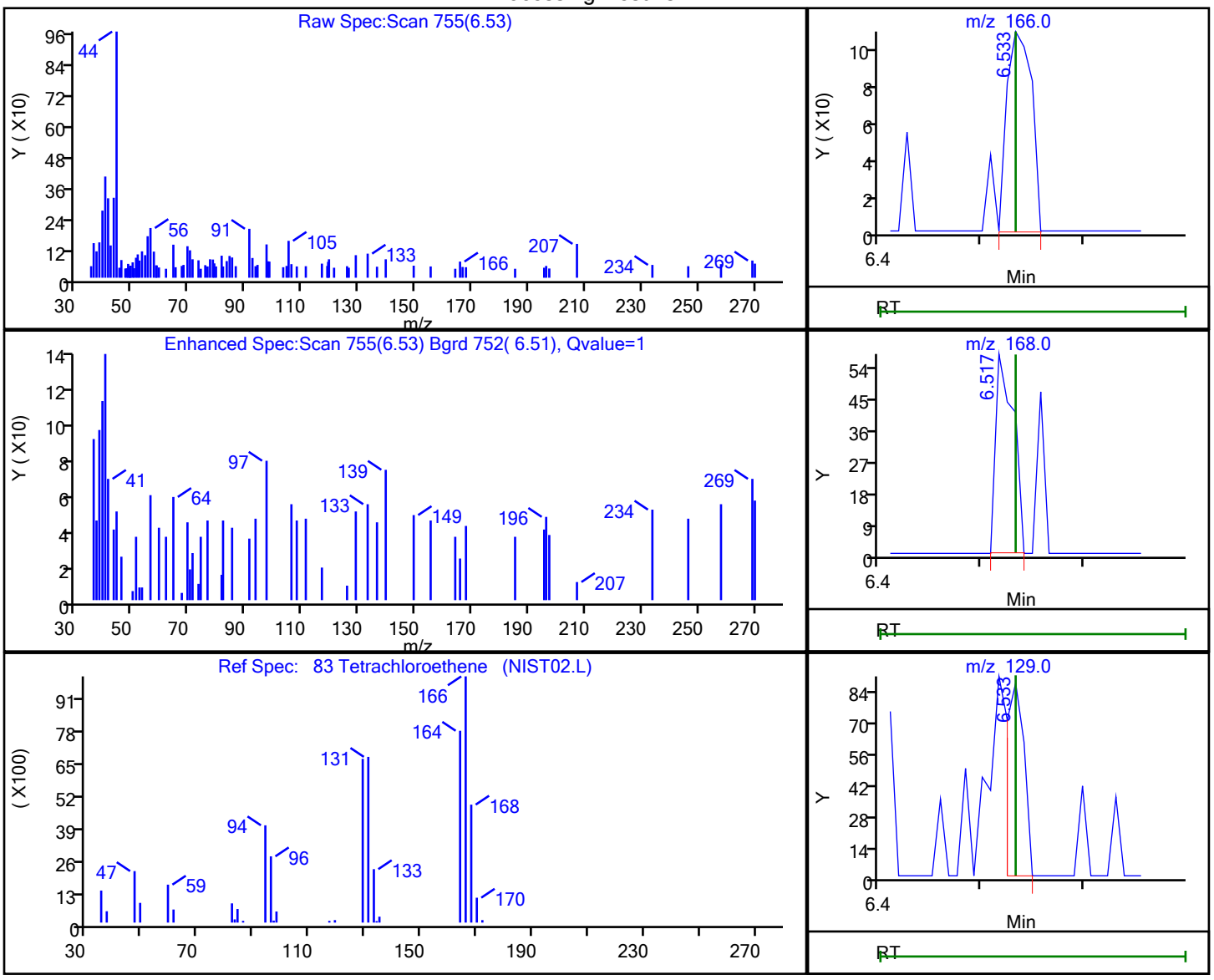
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 83 Tetrachloroethene, CAS: 127-18-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.53 | 166.00 | 177 | 0.042852 |
| 6.52 | 168.00 | 70 | |
| 6.53 | 129.00 | 108 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

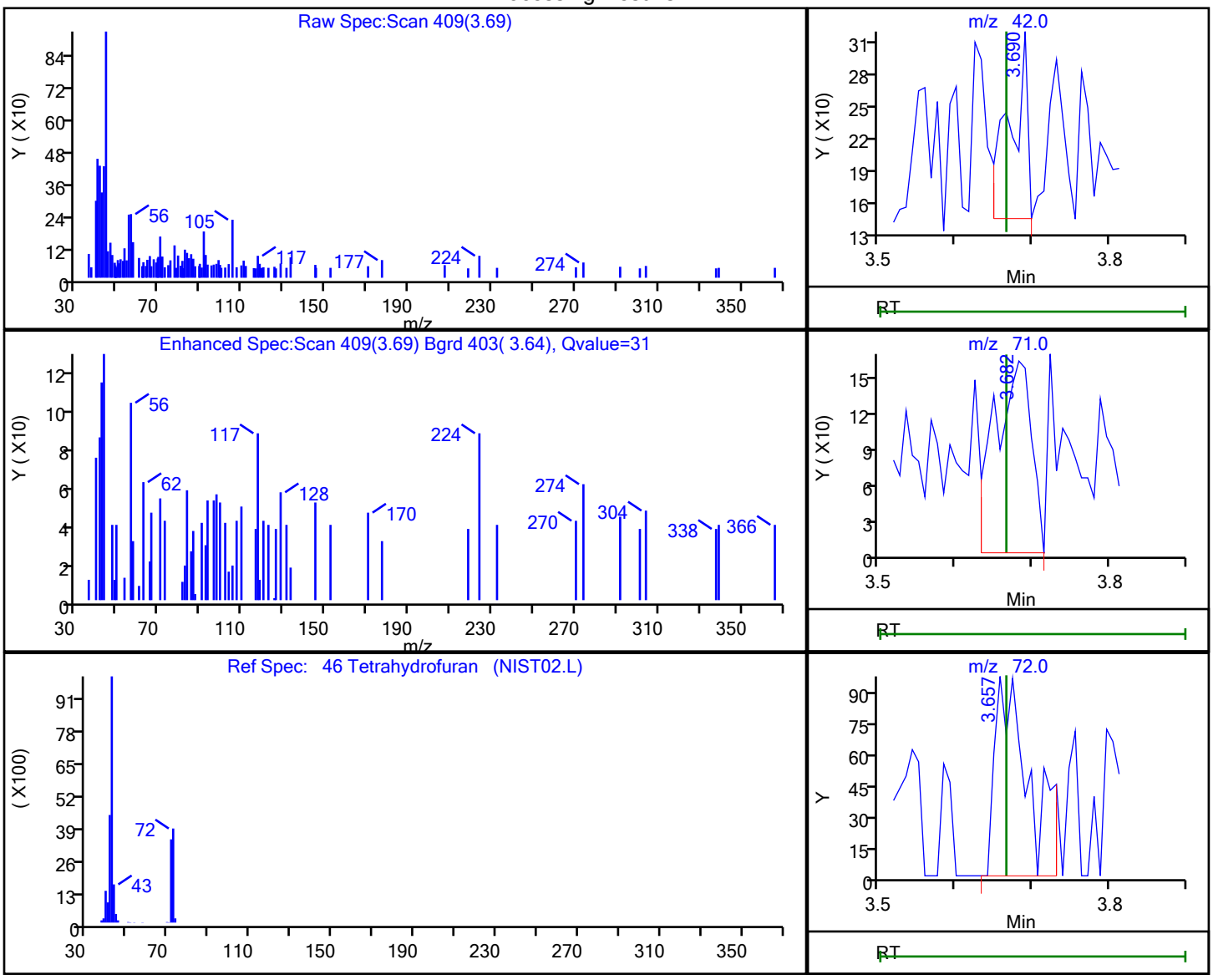
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 46 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.69 | 42.00 | 271 | 0.417766 |
| 3.68 | 71.00 | 550 | |
| 3.66 | 72.00 | 306 | |

Reviewer: NN6A, 17-Jan-2025 12:57:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

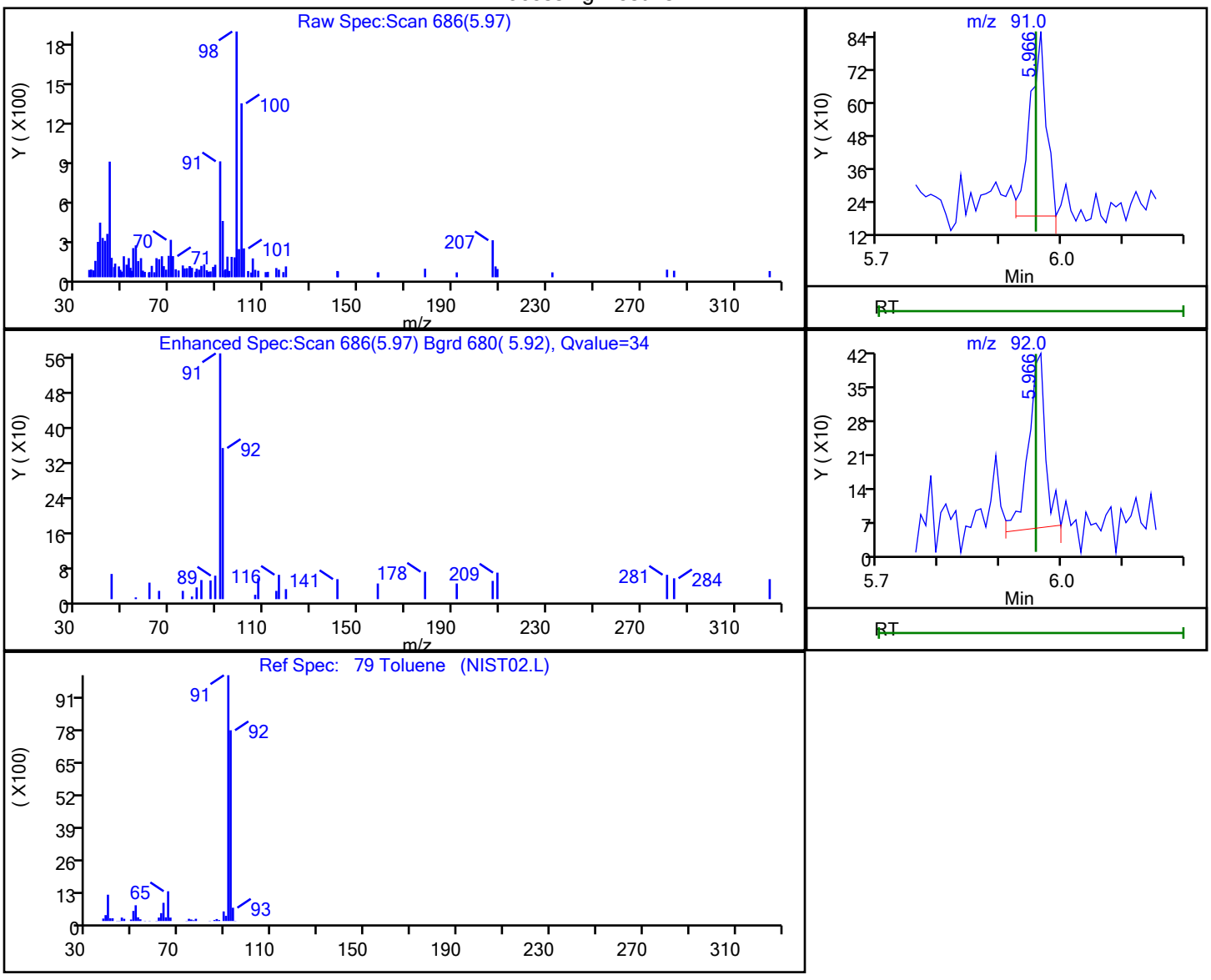
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 79 Toluene, CAS: 108-88-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.97 | 91.00 | 1246 | 0.074652 |
| 5.97 | 92.00 | 698 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

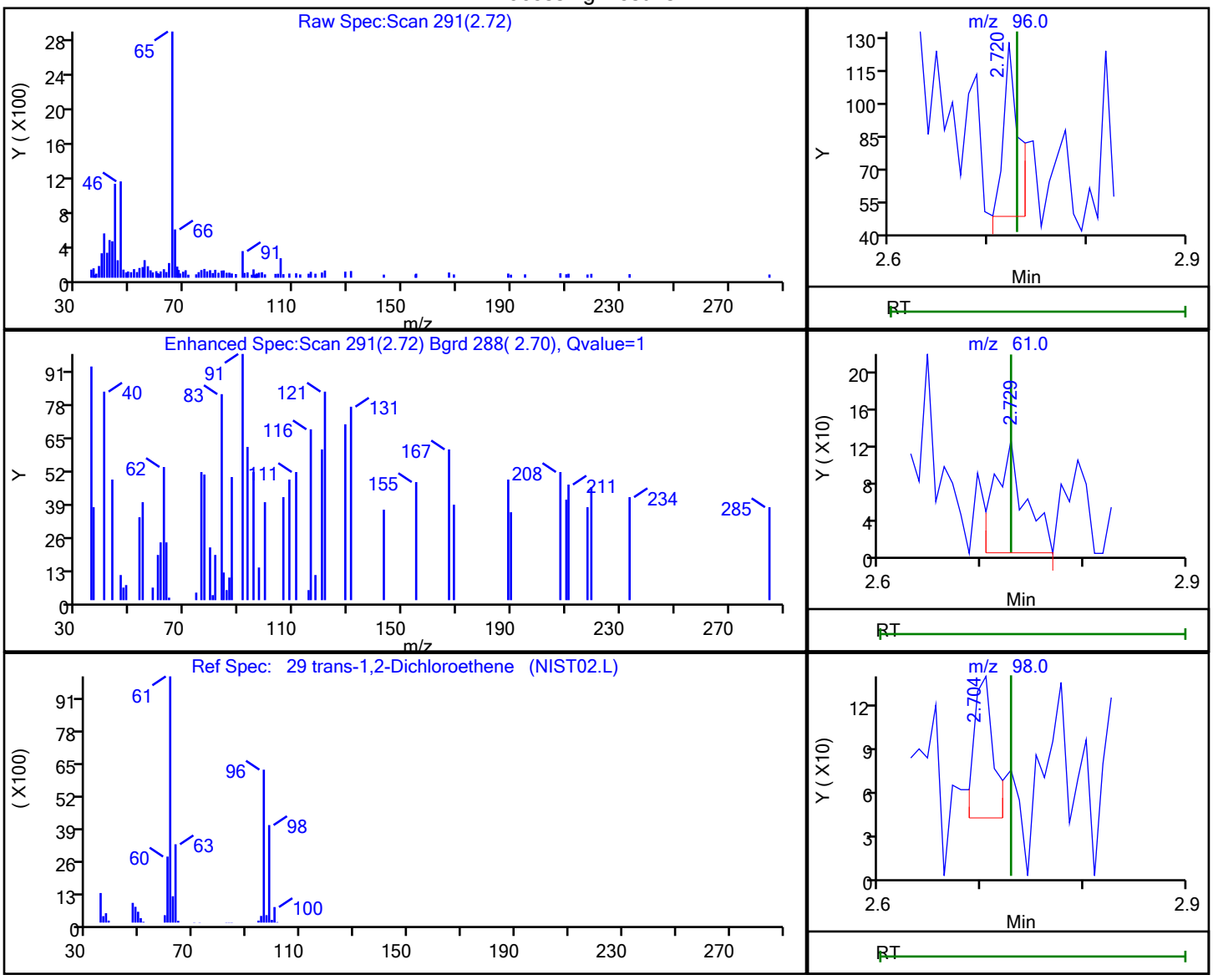
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 29 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.72 | 96.00 | 85 | 0.014099 |
| 2.73 | 61.00 | 252 | |
| 2.70 | 98.00 | 124 | |

Reviewer: NN6A, 17-Jan-2025 12:57:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

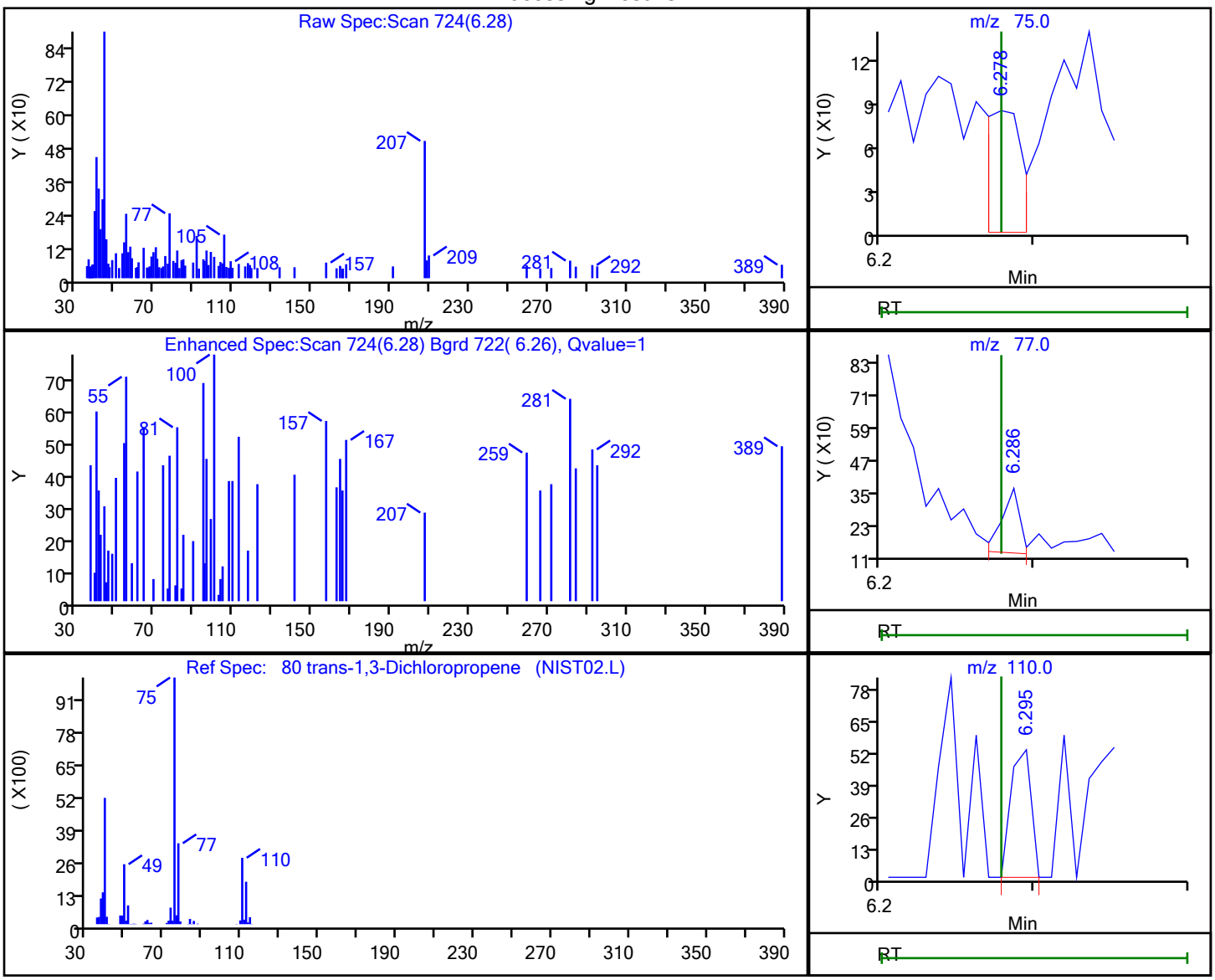
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 80 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.28 | 75.00 | 136 | 0.025556 |
| 6.29 | 77.00 | 208 | |
| 6.29 | 110.00 | 49 | |

Reviewer: NN6A, 17-Jan-2025 12:57:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

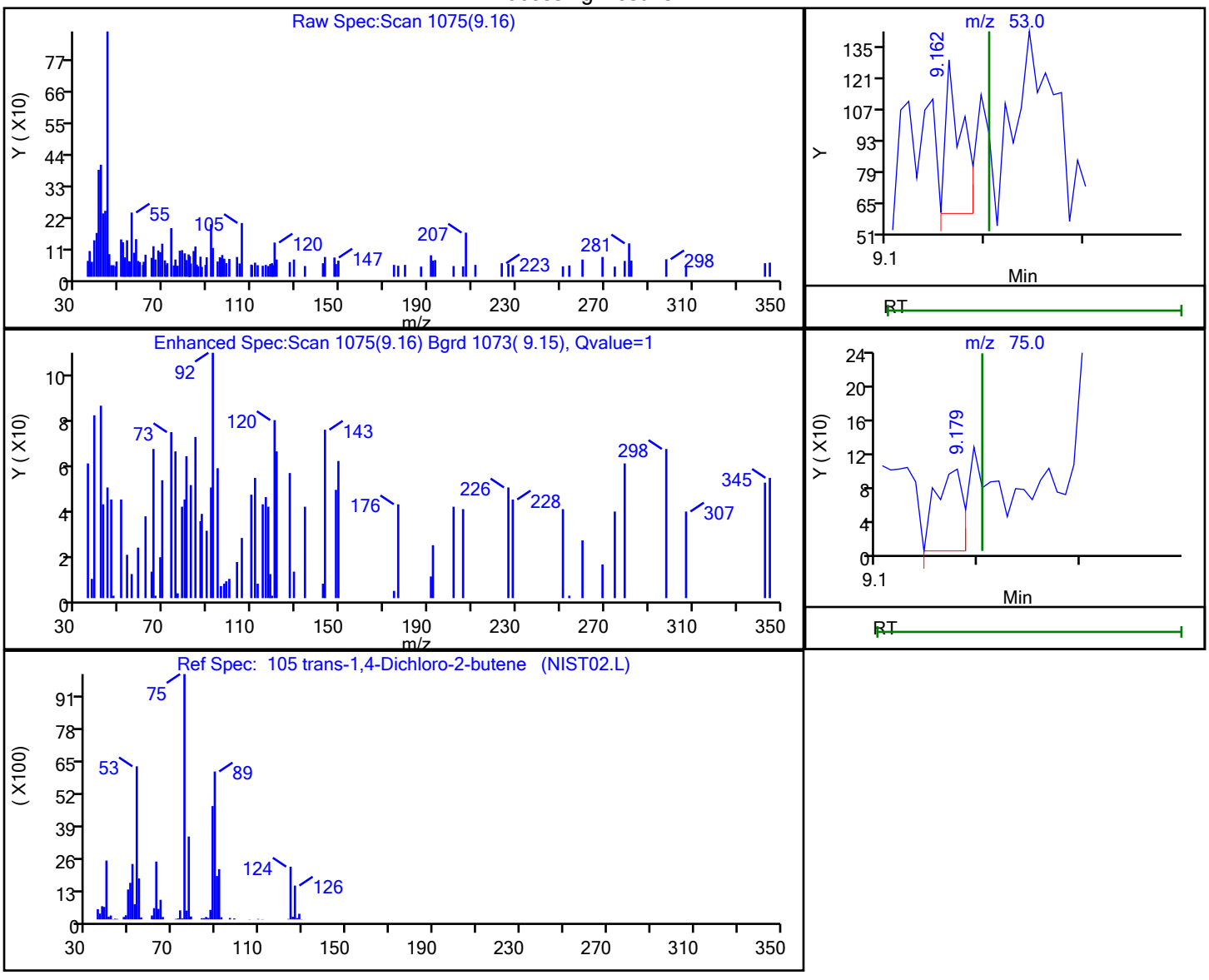
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.16 | 53.00 | 81 | 0.084126 |
| 9.18 | 75.00 | 184 | |

Reviewer: NN6A, 17-Jan-2025 12:57:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

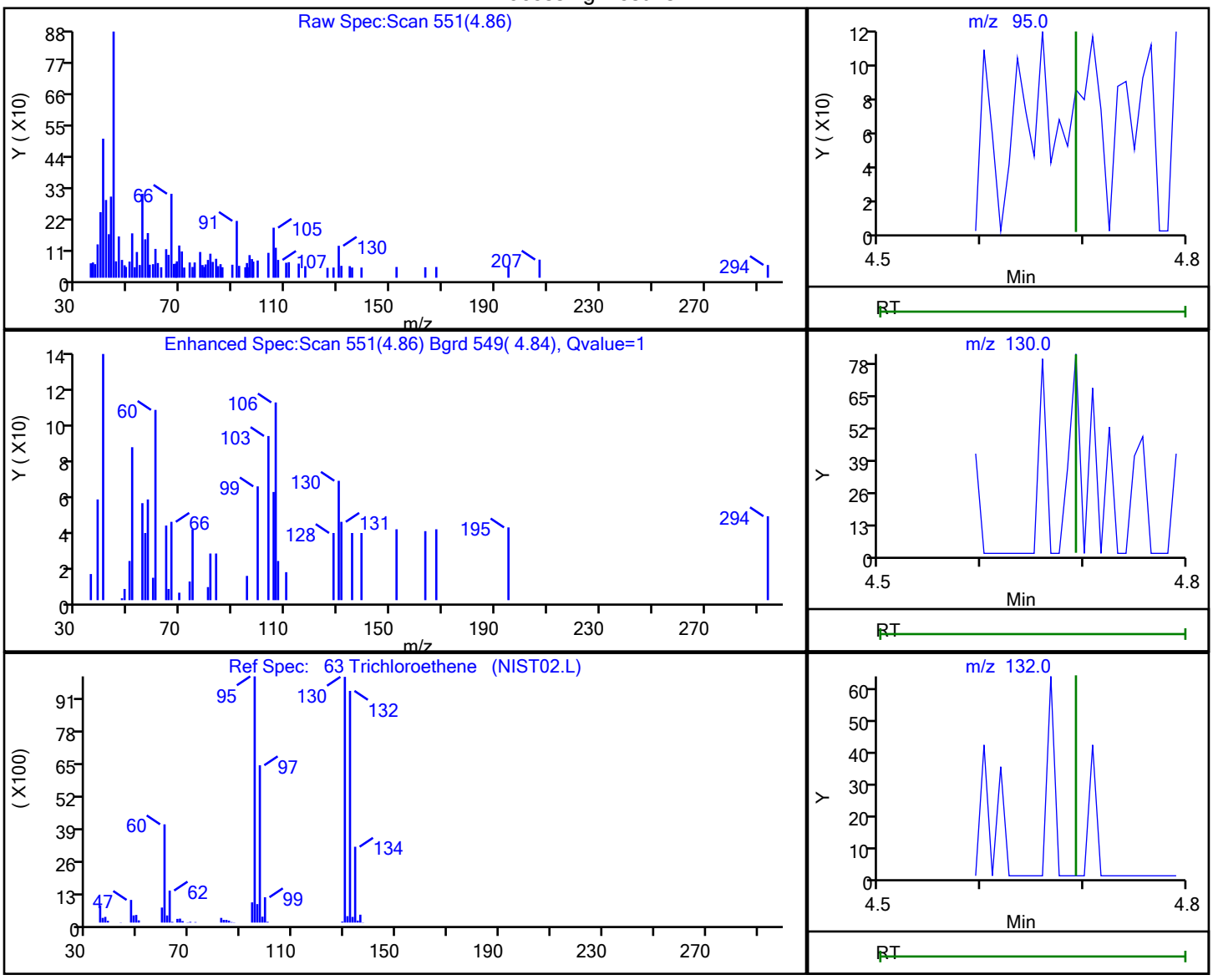
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 63 Trichloroethene, CAS: 79-01-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.86 | 95.00 | 111 | 0.020118 |
| 4.86 | 130.00 | 152 | |
| 4.85 | 132.00 | 20 | |

Reviewer: NN6A, 17-Jan-2025 12:57:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

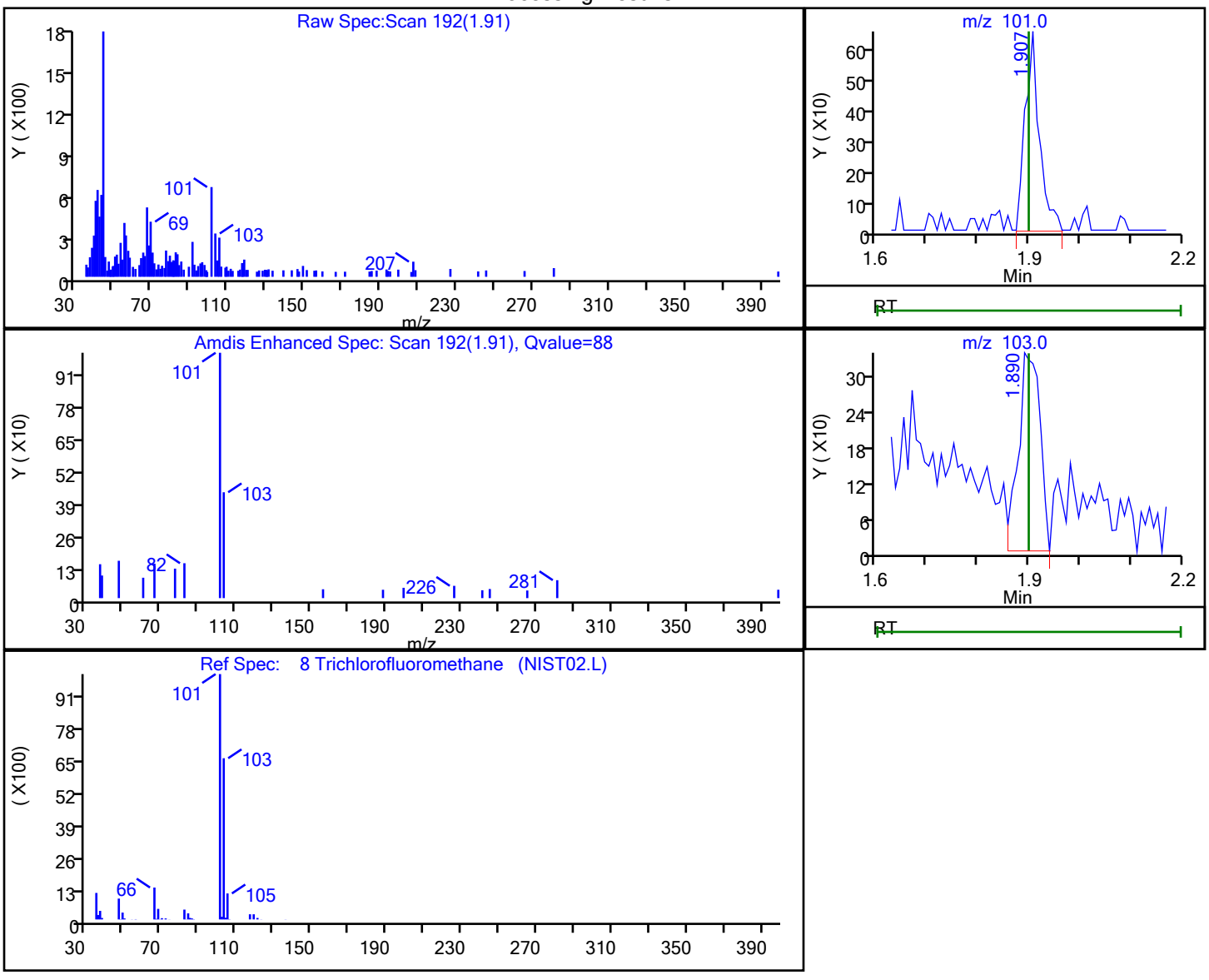
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 8 Trichlorofluoromethane, CAS: 75-69-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.91 | 101.00 | 1271 | 0.175672 |
| 1.89 | 103.00 | 986 | |

Reviewer: NN6A, 17-Jan-2025 12:57:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

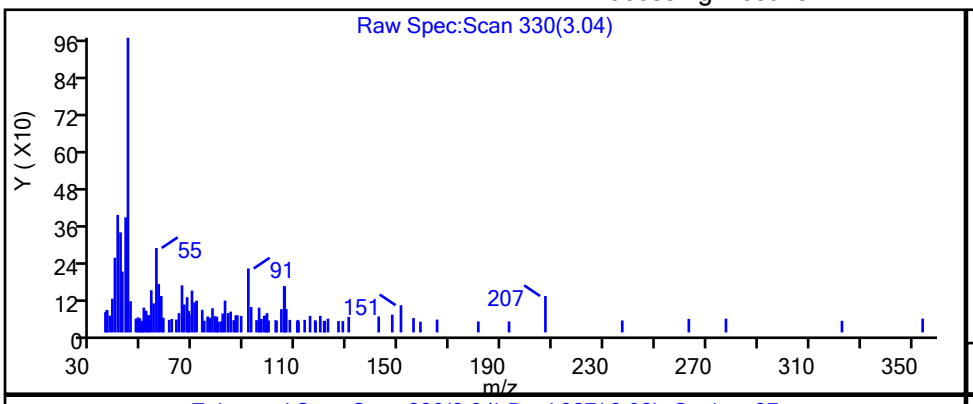
User Disabled Compound Report

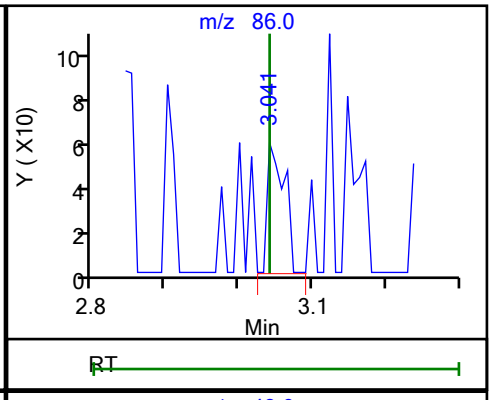
Eurofins Edison

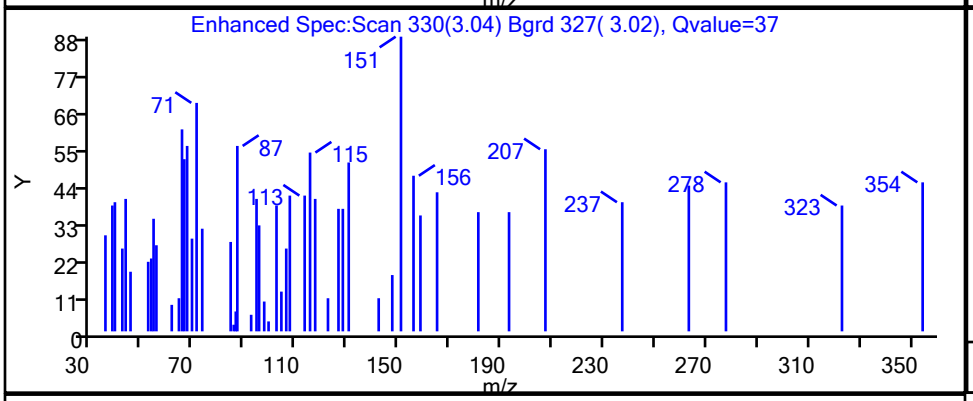
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

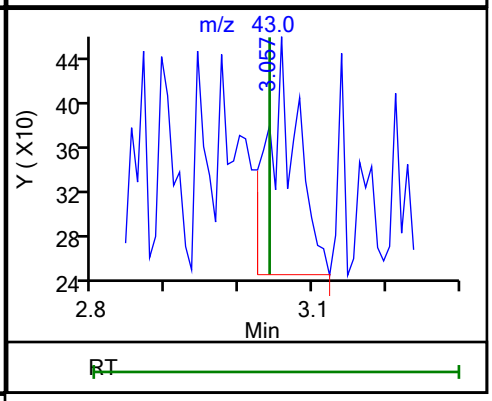
## 34 Vinyl acetate, CAS: 108-05-4

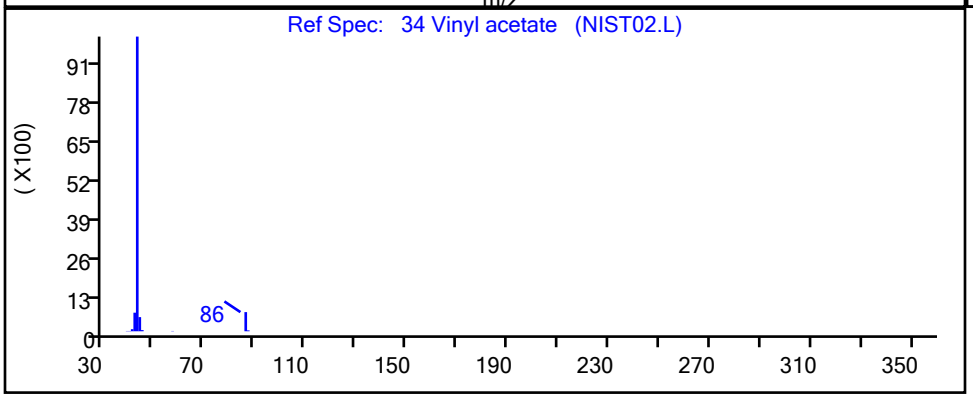
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.04 | 86.00 | 90 | 0.102210 |
| 3.06 | 43.00 | 583 | |

Reviewer: NN6A, 17-Jan-2025 12:57:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

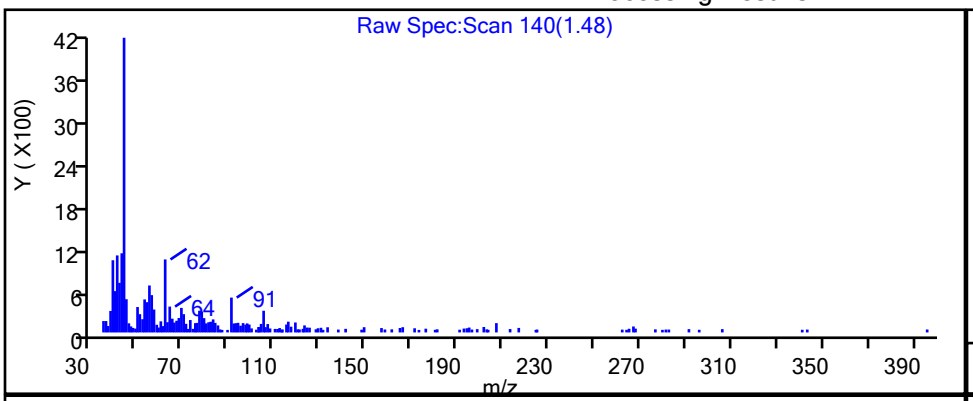
User Disabled Compound Report

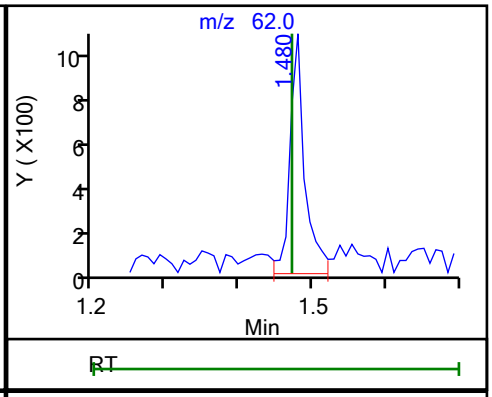
Eurofins Edison

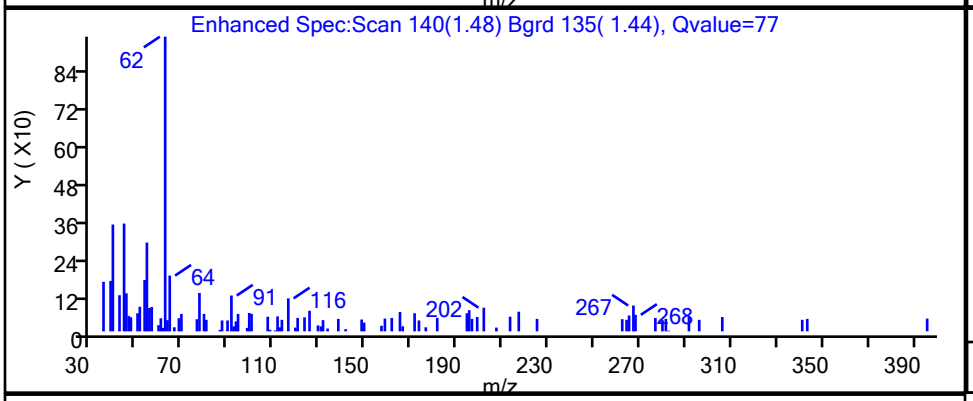
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43685.D
Injection Date: 16-Jan-2025 04:11:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

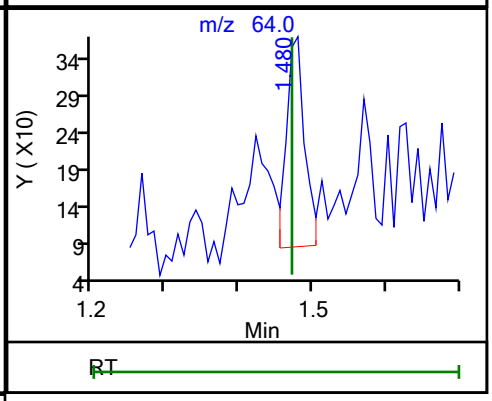
## 3 Vinyl chloride, CAS: 75-01-4

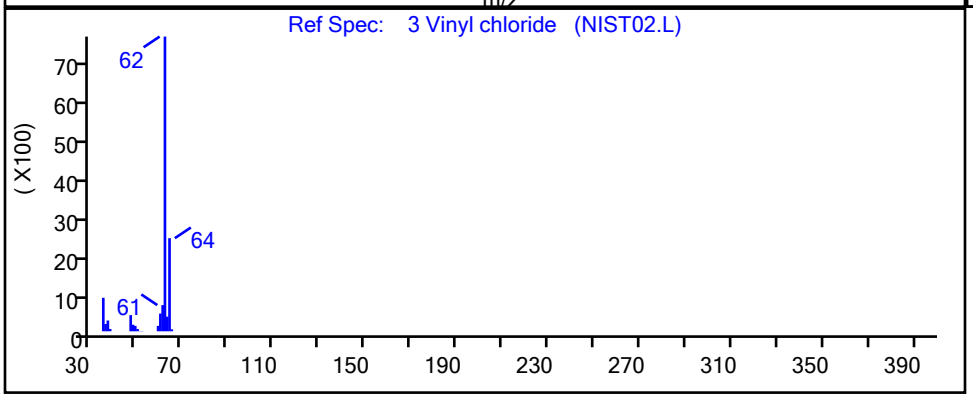
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.48 | 62.00 | 1424 | 0.234195 |
| 1.48 | 64.00 | 488 | |

Reviewer: NN6A, 17-Jan-2025 12:57:04 -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\CVOAMS6\20250116-185847.b\F43686.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 16-Jan-2025 04:31:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0185847-004
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 14:52:07 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: HVW2 Date: 16-Jan-2025 05:19:58

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.266 | 1.258 | 0.008 | 98 | 5266 | 1.00 | 0.8716 | |
| 2 Chloromethane | 50 | 1.414 | 1.397 | 0.017 | 99 | 6568 | 1.00 | 1.02 | |
| 3 Vinyl chloride | 62 | 1.480 | 1.471 | 0.009 | 97 | 5089 | 1.00 | 0.9533 | |
| 4 Butadiene | 54 | 1.496 | 1.488 | 0.008 | 95 | 5762 | 1.00 | 1.04 | |
| 5 Bromomethane | 94 | 1.718 | 1.701 | 0.017 | 98 | 3819 | 1.00 | 1.06 | |
| 6 Chloroethane | 64 | 1.767 | 1.751 | 0.016 | 98 | 4153 | 1.00 | 1.18 | |
| 7 Dichlorofluoromethane | 67 | 1.899 | 1.890 | 0.009 | 99 | 10901 | 1.00 | 1.07 | |
| 8 Trichlorofluoromethane | 101 | 1.915 | 1.899 | 0.016 | 81 | 5675 | 1.00 | 0.8602 | |
| 9 Pentane | 72 | 1.932 | 1.923 | 0.009 | 92 | 1389 | 2.00 | 1.97 | |
| 10 Ethanol | 46 | 2.022 | 2.014 | 0.008 | 64 | 157 | 40.0 | 34.1 | M |
| 11 Ethyl ether | 59 | 2.071 | 2.063 | 0.008 | 97 | 4741 | 1.00 | 1.34 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.096 | 2.088 | 0.008 | 95 | 4411 | 1.00 | 1.08 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.104 | 2.096 | 0.008 | 85 | 4309 | 1.00 | 1.04 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.145 | 2.137 | 0.008 | 95 | 7257 | 1.00 | 1.05 | |
| 16 Acrolein | 56 | 2.211 | 2.203 | 0.008 | 73 | 2195 | 4.00 | 3.96 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.211 | 2.203 | 0.008 | 94 | 5050 | 1.00 | 1.04 | |
| 17 1,1-Dichloroethene | 96 | 2.244 | 2.236 | 0.008 | 96 | 5327 | 1.00 | 1.08 | |
| 18 Acetone | 43 | 2.301 | 2.293 | 0.008 | 85 | 5176 | 5.00 | 4.86 | |
| 19 Isopropyl alcohol | 45 | 2.351 | 2.334 | 0.017 | 24 | 1331 | 10.0 | 9.49 | |
| 20 Iodomethane | 142 | 2.367 | 2.359 | 0.008 | 97 | 10369 | 1.00 | 1.12 | |
| 21 Carbon disulfide | 76 | 2.400 | 2.392 | 0.008 | 99 | 17171 | 1.00 | 1.08 | |
| 23 3-Chloro-1-propene | 41 | 2.482 | 2.474 | 0.008 | 87 | 8594 | 1.00 | 1.04 | |
| 22 Methyl acetate | 43 | 2.482 | 2.474 | 0.008 | 75 | 5155 | 2.00 | 2.07 | |
| 24 Cyclopentene | 67 | 2.507 | 2.498 | 0.009 | 91 | 10961 | 1.00 | 1.11 | a |
| 32 Acetonitrile | 41 | 2.531 | 2.523 | 0.008 | 2 | 3831 | 10.0 | 9.57 | Ma |
| * 25 TBA-d9 (IS) | 46 | 2.548 | 2.548 | 0.000 | 100 | 59392 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.581 | 2.572 | 0.009 | 93 | 6596 | 1.00 | 1.15 | |
| 27 2-Methyl-2-propanol | 59 | 2.605 | 2.597 | 0.008 | 95 | 2676 | 10.0 | 8.92 | |
| 28 Methyl tert-butyl ether | 73 | 2.704 | 2.696 | 0.008 | 97 | 14281 | 1.00 | 1.05 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.737 | 2.729 | 0.008 | 96 | 5692 | 1.00 | 1.09 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Acrylonitrile | 53 | 2.786 | 2.778 | 0.008 | 96 | 14568 | 10.0 | 10.2 | |
| 31 Hexane | 43 | 2.852 | 2.844 | 0.008 | 93 | 2539 | 1.00 | 0.8967 | |
| 33 Isopropyl ether | 45 | 3.008 | 3.000 | 0.008 | 95 | 13919 | 1.00 | 1.05 | |
| 34 Vinyl acetate | 86 | 3.049 | 3.041 | 0.008 | 99 | 1736 | 2.00 | 2.27 | |
| 35 1,1-Dichloroethane | 63 | 3.049 | 3.049 | 0.000 | 78 | 9303 | 1.00 | 1.05 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.090 | 3.082 | 0.008 | 92 | 4592 | 1.00 | 1.08 | |
| 37 Tert-butyl ethyl ether | 59 | 3.271 | 3.263 | 0.008 | 89 | 13806 | 1.00 | 0.9595 | |
| * 38 2-Butanone-d5 | 46 | 3.435 | 3.435 | 0.000 | 94 | 195280 | 250.0 | 250.0 | |
| 39 2,2-Dichloropropane | 97 | 3.460 | 3.460 | 0.000 | 82 | 1773 | 1.00 | 1.10 | |
| 42 2-Butanone (MEK) | 72 | 3.485 | 3.476 | 0.009 | 96 | 2288 | 5.00 | 5.90 | |
| 40 Ethyl acetate | 70 | 3.476 | 3.476 | 0.000 | 79 | 1004 | 2.00 | 2.53 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.476 | 3.476 | 0.000 | 88 | 5834 | 1.00 | 1.06 | |
| 43 Methyl acrylate | 55 | 3.526 | 3.526 | 0.000 | 98 | 2773 | 1.00 | 1.15 | |
| 44 Propionitrile | 54 | 3.600 | 3.591 | 0.009 | 97 | 4805 | 10.0 | 9.25 | |
| 45 Chlorobromomethane | 128 | 3.674 | 3.665 | 0.009 | 87 | 2814 | 1.00 | 1.07 | |
| 46 Tetrahydrofuran | 42 | 3.674 | 3.665 | 0.009 | 57 | 2845 | 2.00 | 2.14 | |
| 47 Methacrylonitrile | 67 | 3.690 | 3.682 | 0.008 | 90 | 15685 | 10.0 | 10.5 | |
| 48 Chloroform | 83 | 3.706 | 3.706 | 0.000 | 97 | 9028 | 1.00 | 1.06 | |
| 49 Cyclohexane | 84 | 3.838 | 3.830 | 0.008 | 92 | 6626 | 1.00 | 0.9780 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.846 | 3.838 | 0.008 | 96 | 135775 | 50.0 | 50.5 | |
| 51 1,1,1-Trichloroethane | 97 | 3.838 | 3.838 | 0.000 | 56 | 8465 | 1.00 | 1.14 | |
| 52 Carbon tetrachloride | 117 | 3.945 | 3.945 | 0.000 | 96 | 6243 | 1.00 | 1.02 | |
| 53 1,1-Dichloropropene | 75 | 3.969 | 3.961 | 0.008 | 97 | 6563 | 1.00 | 1.06 | |
| 54 Isobutyl alcohol | 43 | 4.043 | 4.035 | 0.008 | 93 | 2820 | 25.0 | 25.0 | |
| 134 Isooctane | 57 | 4.109 | 4.101 | 0.008 | 0 | 13550 | 1.00 | 0.8446 | |
| 55 Benzene | 78 | 4.142 | 4.134 | 0.008 | 94 | 19677 | 1.00 | 1.24 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.150 | 0.000 | 95 | 143235 | 50.0 | 49.2 | |
| 57 Isopropyl acetate | 61 | 4.150 | 4.158 | -0.008 | 67 | 4142 | 1.00 | 1.01 | |
| 58 Tert-amyl methyl ether | 73 | 4.183 | 4.175 | 0.008 | 98 | 13890 | 1.00 | 0.9781 | |
| 59 1,2-Dichloroethane | 62 | 4.216 | 4.208 | 0.008 | 96 | 6048 | 1.00 | 1.06 | |
| 60 n-Heptane | 57 | 4.257 | 4.257 | 0.000 | 92 | 2350 | 1.00 | 0.9698 | |
| * 61 Fluorobenzene | 96 | 4.388 | 4.388 | 0.000 | 99 | 483291 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.627 | 4.618 | 0.009 | 82 | 2027 | 25.0 | 22.8 | |
| 63 Trichloroethene | 95 | 4.701 | 4.692 | 0.009 | 97 | 4946 | 1.00 | 1.04 | |
| 64 Ethyl acrylate | 55 | 4.807 | 4.799 | 0.008 | 90 | 9198 | 1.00 | 0.9348 | |
| 65 Methylcyclohexane | 83 | 4.807 | 4.807 | 0.000 | 93 | 7439 | 1.00 | 0.9555 | |
| 66 1,2-Dichloropropane | 63 | 4.964 | 4.955 | 0.009 | 90 | 4160 | 1.00 | 0.9703 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 46 | 18616 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.013 | 5.005 | 0.008 | 83 | 1649 | 2.00 | 1.85 | |
| 69 1,4-Dioxane | 88 | 5.046 | 5.046 | 0.000 | 31 | 1757 | 50.0 | 51.2 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.054 | 0.000 | 98 | 3945 | 1.00 | 0.9705 | |
| 71 Dibromomethane | 93 | 5.079 | 5.070 | 0.009 | 95 | 3163 | 1.00 | 1.09 | |
| 72 Dichlorobromomethane | 83 | 5.202 | 5.202 | 0.000 | 98 | 5396 | 1.00 | 0.9538 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.506 | 5.498 | 0.008 | 70 | 1928 | 1.00 | 0.9329 | |
| 74 2-Nitropropane | 41 | 5.514 | 5.506 | 0.008 | 81 | 2052 | 2.00 | 2.29 | |
| 75 Epichlorohydrin | 57 | 5.613 | 5.613 | 0.000 | 99 | 6278 | 20.0 | 18.8 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 95 | 5892 | 1.00 | 1.03 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.802 | 5.802 | 0.000 | 95 | 15389 | 5.00 | 4.81 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.884 | 0.008 | 100 | 402774 | 50.0 | 53.0 | |
| 79 Toluene | 91 | 5.966 | 5.958 | 0.008 | 94 | 17792 | 1.00 | 1.24 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.278 | 0.000 | 96 | 4548 | 1.00 | 0.99 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.295 | 0.008 | 85 | 4196 | 1.00 | 1.05 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 1,1,2-Trichloroethane | 83 | 6.475 | 6.484 | -0.009 | 94 | 2510 | 1.00 | 1.05 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 97 | 4419 | 1.00 | 1.24 | |
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.681 | 0.000 | 95 | 4979 | 1.00 | 1.07 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 95 | 11359 | 5.00 | 4.98 | |
| 86 n-Butyl acetate | 43 | 6.845 | 6.837 | 0.008 | 97 | 5332 | 1.00 | 1.15 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.903 | 0.000 | 96 | 3242 | 1.00 | 1.02 | |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.051 | 0.000 | 96 | 3233 | 1.00 | 1.07 | |
| * 89 Chlorobenzene-d5 | 117 | 7.601 | 7.601 | 0.000 | 86 | 279888 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.650 | 7.642 | 0.008 | 96 | 9981 | 1.00 | 1.06 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.757 | 0.000 | 98 | 5827 | 1.00 | 1.18 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.782 | 7.774 | 0.008 | 93 | 4298 | 1.00 | 1.12 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 98 | 7370 | 1.00 | 1.19 | |
| 94 n-Butyl acrylate | 73 | 8.448 | 8.448 | 0.000 | 98 | 3319 | 1.00 | 1.08 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 95 | 8176 | 1.00 | 1.22 | |
| 96 Styrene | 104 | 8.497 | 8.489 | 0.008 | 97 | 10287 | 1.00 | 1.04 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 7584 | 1.00 | 0.9559 | |
| 98 Bromoform | 173 | 8.694 | 8.702 | -0.008 | 91 | 1989 | 1.00 | 1.01 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 18872 | 1.00 | 1.11 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 93 | 126958 | 50.0 | 52.5 | |
| 101 Bromobenzene | 156 | 9.105 | 9.105 | 0.000 | 96 | 4931 | 1.00 | 0.9825 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.146 | 0.000 | 97 | 4523 | 1.00 | 0.9551 | |
| 103 N-Propylbenzene | 91 | 9.171 | 9.162 | 0.009 | 99 | 23017 | 1.00 | 1.04 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.187 | 0.000 | 95 | 1665 | 1.00 | 1.18 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.203 | 0.000 | 65 | 790 | 1.00 | 0.8917 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.253 | 0.000 | 96 | 17751 | 1.00 | 1.08 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.261 | 0.000 | 98 | 19632 | 1.00 | 1.06 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.310 | 9.310 | 0.000 | 91 | 18380 | 1.00 | 1.06 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.343 | 0.000 | 96 | 15846 | 1.00 | 1.04 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.392 | 0.000 | 91 | 6942 | 1.00 | 1.01 | |
| 111 tert-Butylbenzene | 119 | 9.540 | 9.532 | 0.008 | 92 | 15572 | 1.00 | 1.05 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.581 | 9.581 | 0.000 | 97 | 19949 | 1.00 | 1.11 | |
| 113 sec-Butylbenzene | 105 | 9.688 | 9.688 | 0.000 | 99 | 23206 | 1.00 | 1.07 | |
| 114 4-Isopropyltoluene | 119 | 9.787 | 9.779 | 0.008 | 97 | 20757 | 1.00 | 1.10 | |
| 115 1,3-Dichlorobenzene | 146 | 9.787 | 9.787 | 0.000 | 82 | 11728 | 1.00 | 1.17 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.836 | 9.836 | 0.000 | 97 | 206562 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.853 | 9.844 | 0.009 | 91 | 11595 | 1.00 | 1.11 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.869 | 9.861 | 0.008 | 97 | 21875 | 1.00 | 1.13 | |
| 119 Benzyl chloride | 91 | 9.951 | 9.943 | 0.008 | 99 | 9644 | 1.00 | 0.9192 | |
| 120 2,3-Dihydroindene | 117 | 9.992 | 9.984 | 0.008 | 94 | 20760 | 1.00 | 1.13 | |
| 121 p-Diethylbenzene | 119 | 10.033 | 10.025 | 0.008 | 94 | 12965 | 1.00 | 1.10 | |
| 122 n-Butylbenzene | 92 | 10.042 | 10.042 | 0.000 | 97 | 11912 | 1.00 | 1.17 | |
| 123 1,2-Dichlorobenzene | 146 | 10.091 | 10.083 | 0.008 | 97 | 11633 | 1.00 | 1.14 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.485 | 10.477 | 0.008 | 97 | 21863 | 1.00 | 1.08 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.559 | 10.551 | 0.008 | 93 | 1153 | 1.00 | 1.09 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.633 | 10.625 | 0.008 | 97 | 9996 | 1.00 | 1.15 | |
| 127 1,2,4-Trichlorobenzene | 180 | 11.003 | 10.987 | 0.016 | 93 | 7900 | 1.00 | 1.08 | |
| 128 Hexachlorobutadiene | 225 | 11.061 | 11.052 | 0.008 | 92 | 3802 | 1.00 | 1.19 | |
| 129 Naphthalene | 128 | 11.159 | 11.143 | 0.016 | 99 | 16416 | 1.00 | 1.05 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.307 | 11.299 | 0.008 | 96 | 6721 | 1.00 | 1.10 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 2.15 | |
| S 132 Total BTEX | 1 | | | | 0 | | 5.00 | 6.05 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 2.00 | 2.41 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00029 | Amount Added: | 10.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00621 | Amount Added: | 10.00 | Units: uL | |
| 8260MIX1COMB_00199 | Amount Added: | 10.00 | Units: uL | |
| 14DIOXINTER_00177 | Amount Added: | 30.00 | Units: uL | |
| VOA6IS/SURR_00078 | Amount Added: | 5.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 14:52:08 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43686.D

Injection Date: 16-Jan-2025 04:31:30 Instrument ID: CVOAMS6 Operator ID:

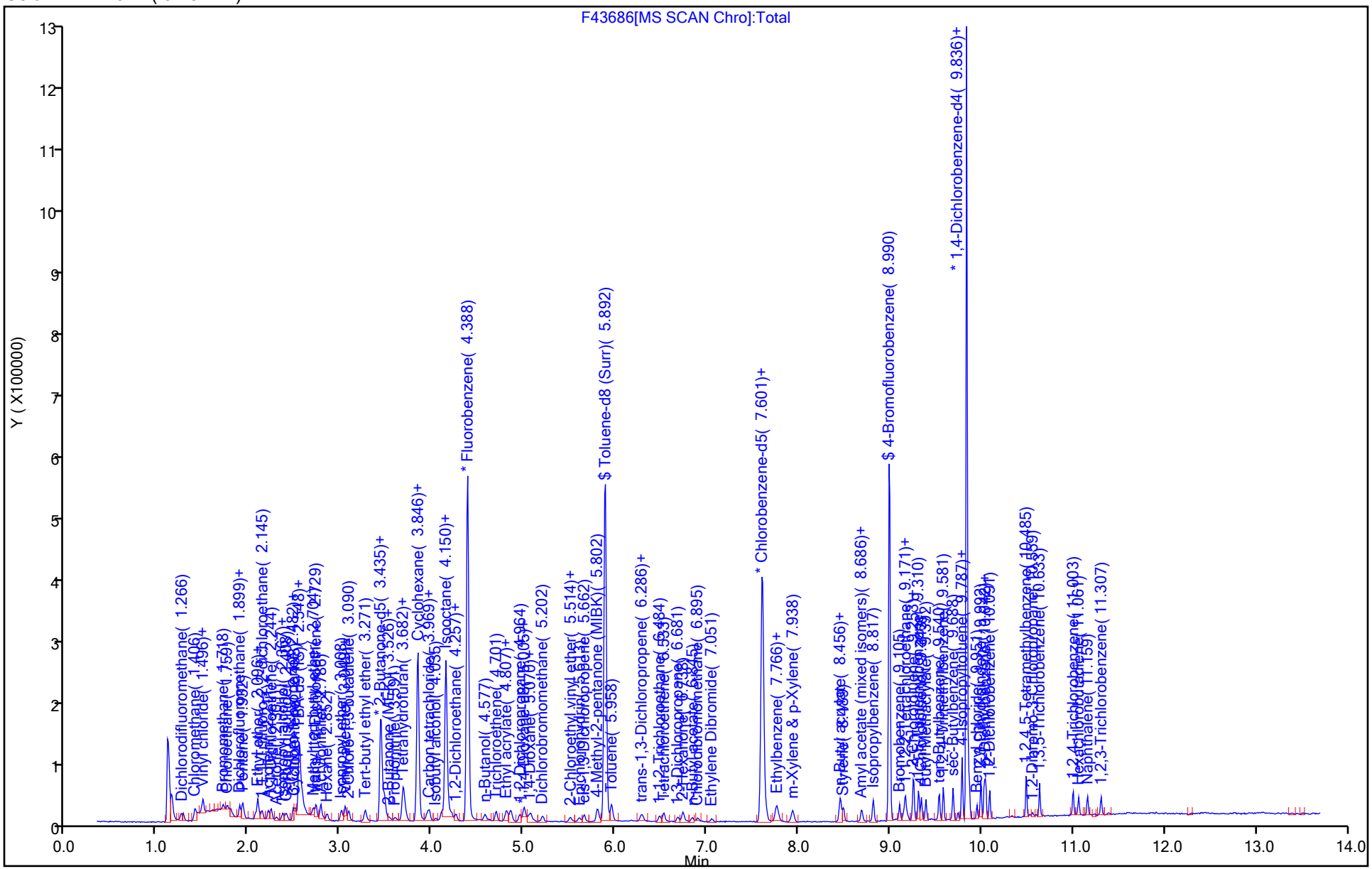
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

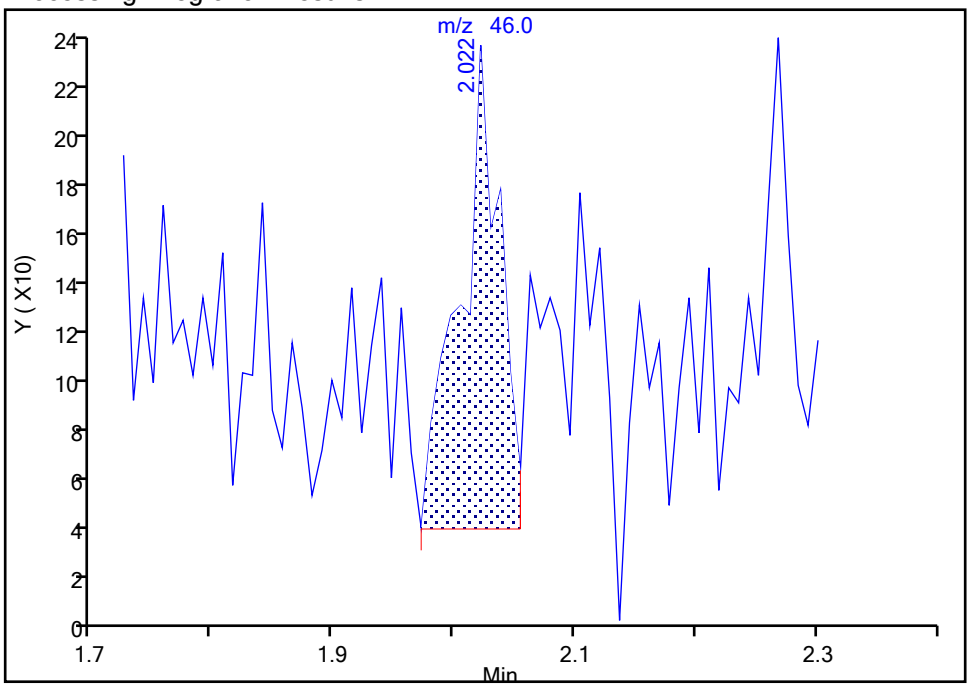
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43686.D
Injection Date: 16-Jan-2025 04:31:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Ethanol, CAS: 64-17-5

Signal: 1

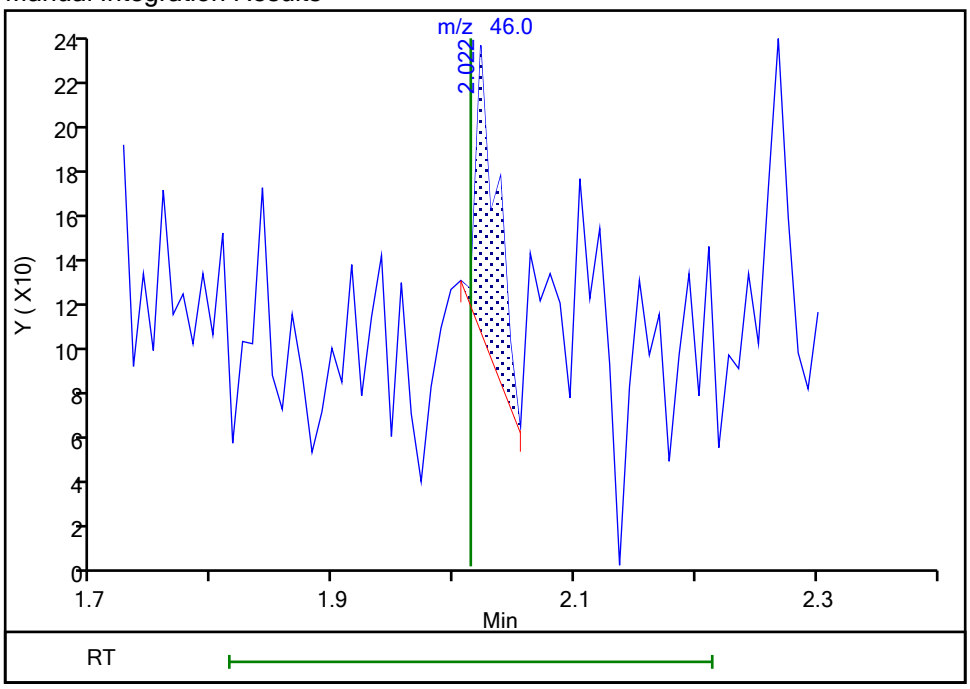
Processing Integration Results

RT: 2.02
Area: 444
Amount: 60.890457
Amount Units: ug/l




Manual Integration Results

RT: 2.02
Area: 157
Amount: 34.084261
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:18:56 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

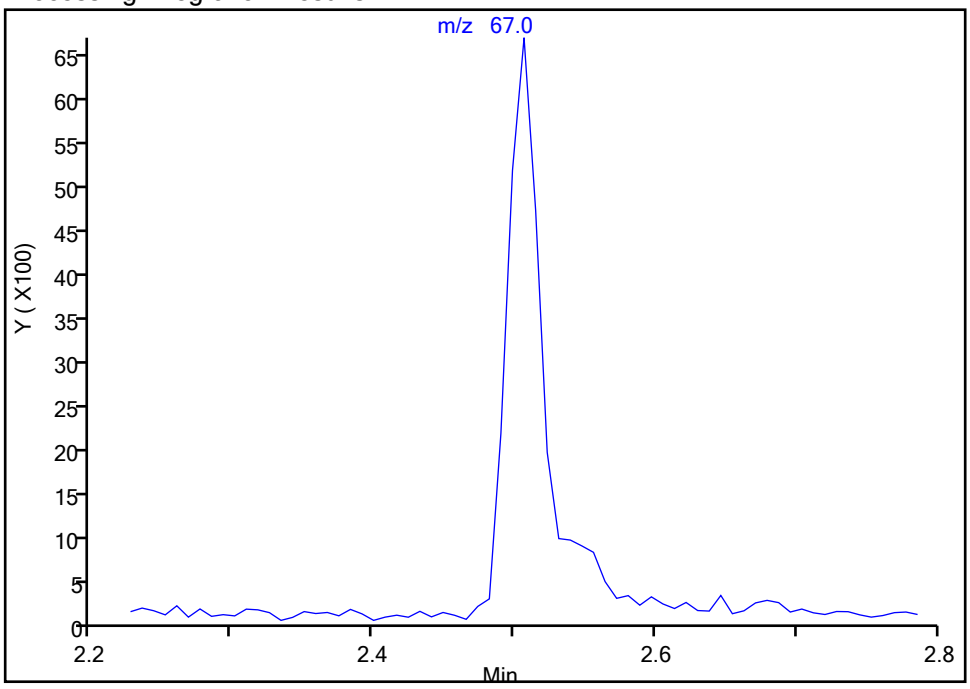
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43686.D
Injection Date: 16-Jan-2025 04:31:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 24 Cyclopentene, CAS: 142-29-0

Signal: 1

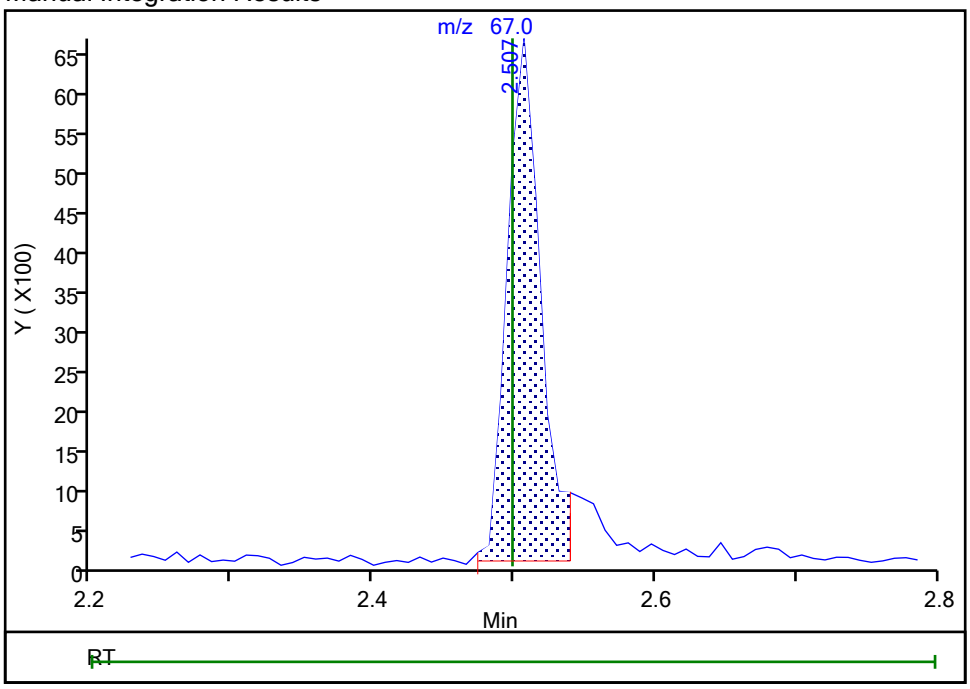
Not Detected
Expected RT: 2.50

Processing Integration Results




Manual Integration Results

RT: 2.51
Area: 10961
Amount: 1.107922
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:04:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

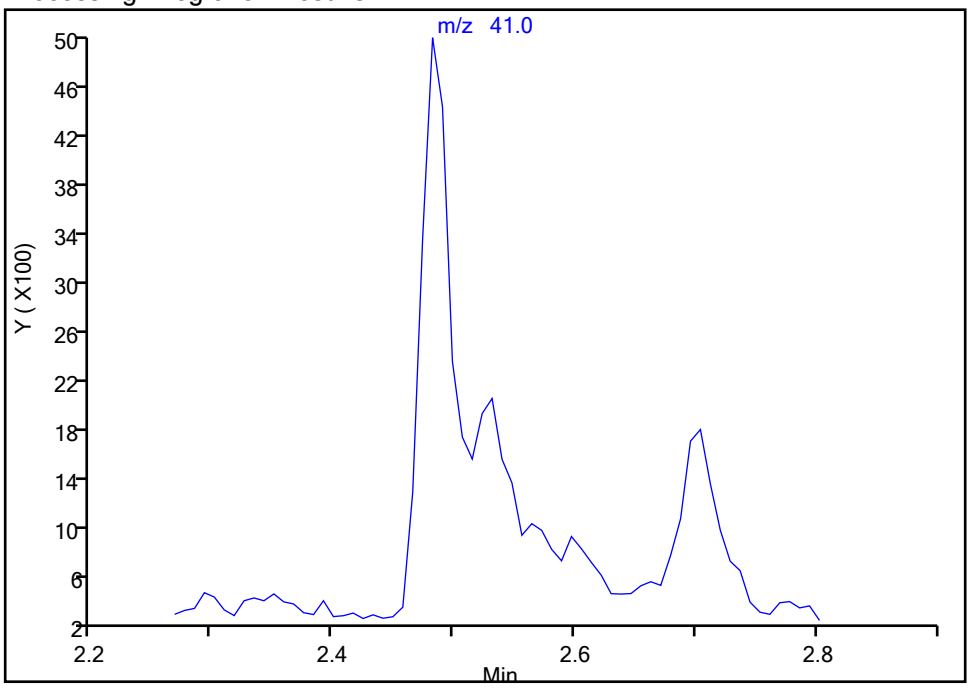
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43686.D
Injection Date: 16-Jan-2025 04:31:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Signal: 1

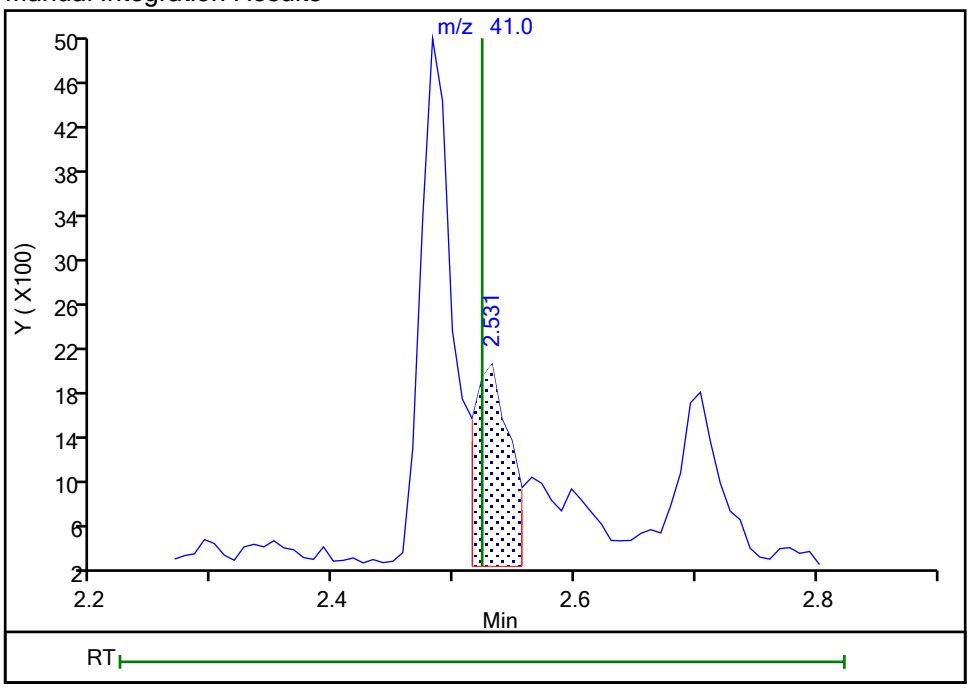
Not Detected
Expected RT: 2.52

Processing Integration Results




Manual Integration Results

RT: 2.53
Area: 3831
Amount: 9.574290
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:22:04 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43687.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 16-Jan-2025 04:51:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0185847-005
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 14:52:20 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: HVW2 Date: 16-Jan-2025 05:22:51

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.266 | 1.258 | 0.008 | 98 | 28673 | 5.00 | 4.29 | |
| 2 Chloromethane | 50 | 1.406 | 1.397 | 0.009 | 99 | 32126 | 5.00 | 4.51 | |
| 3 Vinyl chloride | 62 | 1.480 | 1.471 | 0.009 | 98 | 27300 | 5.00 | 4.63 | |
| 4 Butadiene | 54 | 1.496 | 1.488 | 0.008 | 97 | 29348 | 5.00 | 4.79 | |
| 5 Bromomethane | 94 | 1.710 | 1.701 | 0.009 | 99 | 19610 | 5.00 | 4.94 | |
| 6 Chloroethane | 64 | 1.759 | 1.751 | 0.008 | 100 | 17992 | 5.00 | 4.62 | |
| 7 Dichlorofluoromethane | 67 | 1.890 | 1.890 | 0.000 | 99 | 53250 | 5.00 | 4.73 | |
| 8 Trichlorofluoromethane | 101 | 1.907 | 1.899 | 0.008 | 98 | 33465 | 5.00 | 4.59 | |
| 9 Pentane | 72 | 1.923 | 1.923 | 0.000 | 94 | 7556 | 10.0 | 9.34 | |
| 10 Ethanol | 46 | 2.014 | 2.014 | 0.000 | 63 | 1273 | 200.0 | 256.2 | M |
| 11 Ethyl ether | 59 | 2.063 | 2.063 | 0.000 | 95 | 17976 | 5.00 | 4.61 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.088 | 2.088 | 0.000 | 95 | 22002 | 5.00 | 4.87 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.096 | 2.096 | 0.000 | 93 | 22019 | 5.00 | 4.81 | a |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.137 | 2.137 | 0.000 | 95 | 37390 | 5.00 | 4.87 | |
| 16 Acrolein | 56 | 2.203 | 2.203 | 0.000 | 96 | 11419 | 20.0 | 19.1 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.203 | 2.203 | 0.000 | 97 | 24625 | 5.00 | 4.57 | |
| 17 1,1-Dichloroethene | 96 | 2.236 | 2.236 | 0.000 | 98 | 27149 | 5.00 | 4.99 | |
| 18 Acetone | 43 | 2.293 | 2.293 | 0.000 | 86 | 29645 | 25.0 | 25.8 | |
| 19 Isopropyl alcohol | 45 | 2.342 | 2.334 | 0.008 | 98 | 8463 | 50.0 | 56.0 | |
| 20 Iodomethane | 142 | 2.359 | 2.359 | 0.000 | 98 | 50469 | 5.00 | 4.94 | |
| 21 Carbon disulfide | 76 | 2.400 | 2.392 | 0.008 | 99 | 86091 | 5.00 | 4.91 | |
| 23 3-Chloro-1-propene | 41 | 2.482 | 2.474 | 0.008 | 90 | 43819 | 5.00 | 4.80 | |
| 22 Methyl acetate | 43 | 2.474 | 2.474 | 0.000 | 77 | 27503 | 10.0 | 10.2 | |
| 24 Cyclopentene | 67 | 2.498 | 2.498 | 0.000 | 95 | 54358 | 5.00 | 4.97 | |
| 32 Acetonitrile | 41 | 2.523 | 2.523 | 0.000 | 97 | 22698 | 50.0 | 52.6 | Ma |
| * 25 TBA-d9 (IS) | 46 | 2.548 | 2.548 | 0.000 | 100 | 64064 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.581 | 2.572 | 0.009 | 90 | 30121 | 5.00 | 4.75 | |
| 27 2-Methyl-2-propanol | 59 | 2.597 | 2.597 | 0.000 | 97 | 15894 | 50.0 | 49.1 | |
| 28 Methyl tert-butyl ether | 73 | 2.696 | 2.696 | 0.000 | 97 | 72956 | 5.00 | 4.84 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.729 | 2.729 | 0.000 | 95 | 28303 | 5.00 | 4.89 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Acrylonitrile | 53 | 2.778 | 2.778 | 0.000 | 94 | 78792 | 50.0 | 49.9 | |
| 31 Hexane | 43 | 2.844 | 2.844 | 0.000 | 92 | 14910 | 5.00 | 4.76 | |
| 33 Isopropyl ether | 45 | 3.008 | 3.000 | 0.008 | 97 | 69298 | 5.00 | 4.71 | |
| 34 Vinyl acetate | 86 | 3.049 | 3.041 | 0.008 | 99 | 7933 | 10.0 | 9.38 | |
| 35 1,1-Dichloroethane | 63 | 3.049 | 3.049 | 0.000 | 97 | 47772 | 5.00 | 4.89 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.090 | 3.082 | 0.008 | 91 | 22668 | 5.00 | 4.80 | |
| 37 Tert-butyl ethyl ether | 59 | 3.271 | 3.263 | 0.008 | 89 | 77186 | 5.00 | 4.85 | |
| * 38 2-Butanone-d5 | 46 | 3.435 | 3.435 | 0.000 | 96 | 224018 | 250.0 | 250.0 | |
| 39 2,2-Dichloropropane | 97 | 3.460 | 3.460 | 0.000 | 95 | 8317 | 5.00 | 4.68 | |
| 42 2-Butanone (MEK) | 72 | 3.485 | 3.476 | 0.008 | 97 | 10306 | 25.0 | 23.2 | |
| 40 Ethyl acetate | 70 | 3.476 | 3.476 | 0.000 | 92 | 4006 | 10.0 | 9.36 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.476 | 3.476 | 0.000 | 96 | 29921 | 5.00 | 4.91 | |
| 43 Methyl acrylate | 55 | 3.526 | 3.526 | 0.000 | 99 | 15219 | 5.00 | 5.46 | |
| 44 Propionitrile | 54 | 3.591 | 3.591 | 0.000 | 98 | 28453 | 50.0 | 50.8 | |
| 45 Chlorobromomethane | 128 | 3.665 | 3.665 | 0.000 | 85 | 14709 | 5.00 | 5.07 | |
| 46 Tetrahydrofuran | 42 | 3.673 | 3.665 | 0.008 | 58 | 14552 | 10.0 | 10.2 | |
| 47 Methacrylonitrile | 67 | 3.682 | 3.682 | 0.000 | 91 | 80494 | 50.0 | 48.9 | |
| 48 Chloroform | 83 | 3.706 | 3.706 | 0.000 | 99 | 47123 | 5.00 | 5.02 | |
| 49 Cyclohexane | 84 | 3.830 | 3.830 | 0.000 | 90 | 35683 | 5.00 | 4.76 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.838 | 3.838 | 0.000 | 97 | 149541 | 50.0 | 50.3 | |
| 51 1,1,1-Trichloroethane | 97 | 3.838 | 3.838 | 0.000 | 53 | 39769 | 5.00 | 4.83 | |
| 52 Carbon tetrachloride | 117 | 3.945 | 3.945 | 0.000 | 99 | 31512 | 5.00 | 4.67 | |
| 53 1,1-Dichloropropene | 75 | 3.969 | 3.961 | 0.008 | 97 | 33054 | 5.00 | 4.84 | |
| 54 Isobutyl alcohol | 43 | 4.035 | 4.035 | 0.000 | 97 | 15221 | 125.0 | 125.2 | |
| 134 Isooctane | 57 | 4.101 | 4.101 | 0.000 | 0 | 78015 | 5.00 | 4.40 | |
| 55 Benzene | 78 | 4.142 | 4.134 | 0.008 | 94 | 95048 | 5.00 | 5.16 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.150 | 0.000 | 95 | 159679 | 50.0 | 49.6 | |
| 57 Isopropyl acetate | 61 | 4.158 | 4.158 | 0.000 | 98 | 9830 | 5.00 | 4.50 | |
| 58 Tert-amyl methyl ether | 73 | 4.175 | 4.175 | 0.000 | 92 | 73676 | 5.00 | 4.69 | |
| 59 1,2-Dichloroethane | 62 | 4.216 | 4.208 | 0.008 | 96 | 30872 | 5.00 | 4.88 | |
| 60 n-Heptane | 57 | 4.257 | 4.257 | 0.000 | 89 | 12662 | 5.00 | 4.73 | a |
| * 61 Fluorobenzene | 96 | 4.388 | 4.388 | 0.000 | 99 | 534362 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.618 | 4.618 | 0.000 | 91 | 11075 | 125.0 | 115.5 | |
| 63 Trichloroethene | 95 | 4.701 | 4.692 | 0.009 | 97 | 25790 | 5.00 | 4.92 | |
| 64 Ethyl acrylate | 55 | 4.807 | 4.799 | 0.008 | 97 | 48072 | 5.00 | 4.42 | |
| 65 Methylcyclohexane | 83 | 4.816 | 4.807 | 0.009 | 95 | 38235 | 5.00 | 4.44 | |
| 66 1,2-Dichloropropane | 63 | 4.955 | 4.955 | 0.000 | 92 | 23045 | 5.00 | 4.86 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 90 | 19649 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.013 | 5.005 | 0.008 | 85 | 7916 | 10.0 | 8.05 | |
| 69 1,4-Dioxane | 88 | 5.046 | 5.046 | 0.000 | 27 | 3966 | 100.0 | 109.5 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.054 | 0.000 | 98 | 19205 | 5.00 | 4.27 | |
| 71 Dibromomethane | 93 | 5.079 | 5.070 | 0.009 | 97 | 15629 | 5.00 | 4.85 | |
| 72 Dichlorobromomethane | 83 | 5.202 | 5.202 | 0.000 | 100 | 28579 | 5.00 | 4.57 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.498 | 5.498 | 0.000 | 74 | 9849 | 5.01 | 4.31 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.506 | 0.000 | 81 | 8652 | 10.0 | 8.75 | |
| 75 Epichlorohydrin | 57 | 5.604 | 5.613 | -0.009 | 99 | 34548 | 100.0 | 96.0 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 91 | 33418 | 5.00 | 5.06 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.802 | 5.802 | 0.000 | 96 | 87899 | 25.0 | 24.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.884 | 5.884 | 0.000 | 100 | 455231 | 50.0 | 51.7 | |
| 79 Toluene | 91 | 5.958 | 5.958 | 0.000 | 93 | 84340 | 5.00 | 5.06 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.278 | 0.000 | 98 | 25503 | 5.00 | 4.80 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.295 | 0.008 | 89 | 22767 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.484 | 0.000 | 95 | 13944 | 5.00 | 5.02 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 96 | 21195 | 5.00 | 5.14 | |
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.681 | 0.000 | 93 | 25778 | 5.00 | 4.80 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 97 | 62519 | 25.0 | 23.9 | |
| 86 n-Butyl acetate | 43 | 6.837 | 6.837 | 0.000 | 98 | 27535 | 5.00 | 5.13 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.903 | 0.000 | 97 | 17487 | 5.00 | 4.74 | |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.051 | 0.000 | 97 | 17274 | 5.00 | 4.96 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.601 | 0.008 | 86 | 323838 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.642 | 7.642 | 0.000 | 95 | 53798 | 5.00 | 4.93 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.757 | 0.000 | 98 | 27847 | 5.00 | 4.86 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.774 | 7.774 | 0.000 | 93 | 22346 | 5.00 | 5.06 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 34957 | 5.00 | 4.87 | |
| 94 n-Butyl acrylate | 73 | 8.448 | 8.448 | 0.000 | 97 | 18596 | 5.00 | 5.22 | |
| 95 o-Xylene | 106 | 8.456 | 8.464 | -0.008 | 93 | 40644 | 5.00 | 5.23 | |
| 96 Styrene | 104 | 8.489 | 8.489 | 0.000 | 95 | 56749 | 5.00 | 4.95 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 42468 | 5.00 | 4.77 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 94 | 10604 | 5.00 | 4.65 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 98900 | 5.00 | 5.05 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 91 | 141278 | 50.0 | 50.5 | |
| 101 Bromobenzene | 156 | 9.105 | 9.105 | 0.000 | 98 | 25273 | 5.00 | 4.49 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.146 | 0.000 | 98 | 23908 | 5.00 | 4.50 | |
| 103 N-Propylbenzene | 91 | 9.171 | 9.162 | 0.009 | 99 | 122201 | 5.00 | 4.90 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.187 | 0.000 | 98 | 7109 | 5.00 | 4.51 | a |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.203 | 0.000 | 81 | 3633 | 5.00 | 3.65 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.253 | 0.000 | 97 | 89194 | 5.00 | 4.83 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.261 | 0.000 | 98 | 101495 | 5.00 | 4.88 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.310 | 9.310 | 0.000 | 93 | 96882 | 5.00 | 4.98 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.343 | 0.000 | 97 | 80767 | 5.00 | 4.74 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.392 | 0.000 | 89 | 37227 | 5.00 | 4.81 | |
| 111 tert-Butylbenzene | 119 | 9.540 | 9.532 | 0.008 | 93 | 83087 | 5.00 | 4.99 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.581 | 9.581 | 0.000 | 98 | 100092 | 5.00 | 4.94 | |
| 113 sec-Butylbenzene | 105 | 9.688 | 9.688 | 0.000 | 99 | 125957 | 5.00 | 5.15 | |
| 114 4-Isopropyltoluene | 119 | 9.787 | 9.779 | 0.008 | 97 | 109038 | 5.00 | 5.16 | |
| 115 1,3-Dichlorobenzene | 146 | 9.787 | 9.787 | 0.000 | 74 | 56488 | 5.00 | 5.02 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.836 | 9.836 | 0.000 | 97 | 231880 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.853 | 9.844 | 0.009 | 95 | 59516 | 5.00 | 5.08 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.869 | 9.861 | 0.008 | 98 | 112087 | 5.00 | 5.15 | |
| 119 Benzyl chloride | 91 | 9.951 | 9.943 | 0.008 | 99 | 53580 | 5.00 | 4.55 | |
| 120 2,3-Dihydroindene | 117 | 9.992 | 9.984 | 0.008 | 94 | 106274 | 5.00 | 5.13 | |
| 121 p-Diethylbenzene | 119 | 10.033 | 10.025 | 0.008 | 95 | 68832 | 5.00 | 5.21 | |
| 122 n-Butylbenzene | 92 | 10.042 | 10.042 | 0.000 | 98 | 60698 | 5.00 | 5.32 | |
| 123 1,2-Dichlorobenzene | 146 | 10.091 | 10.083 | 0.008 | 95 | 59106 | 5.00 | 5.15 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.485 | 10.477 | 0.008 | 97 | 114150 | 5.00 | 5.02 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.559 | 10.551 | 0.008 | 95 | 5429 | 5.00 | 4.56 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.633 | 10.625 | 0.008 | 97 | 50034 | 5.00 | 5.13 | |
| 127 1,2,4-Trichlorobenzene | 180 | 11.003 | 10.987 | 0.016 | 94 | 42188 | 5.00 | 5.14 | |
| 128 Hexachlorobutadiene | 225 | 11.060 | 11.052 | 0.008 | 91 | 17907 | 5.00 | 5.01 | |
| 129 Naphthalene | 128 | 11.159 | 11.143 | 0.016 | 99 | 88391 | 5.00 | 5.03 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.307 | 11.299 | 0.008 | 96 | 35034 | 5.00 | 5.12 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 9.80 | |
| S 132 Total BTEX | 1 | | | | 0 | | 25.0 | 25.2 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 10.0 | 10.1 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00029 | Amount Added: | 10.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00621 | Amount Added: | 10.00 | Units: uL | |
| 8260MIX1COMB_00199 | Amount Added: | 10.00 | Units: uL | |
| VOA6IS/SURR_00078 | Amount Added: | 5.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 14:52:21 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43687.D

Injection Date: 16-Jan-2025 04:51:30 Instrument ID: CVOAMS6 Operator ID:

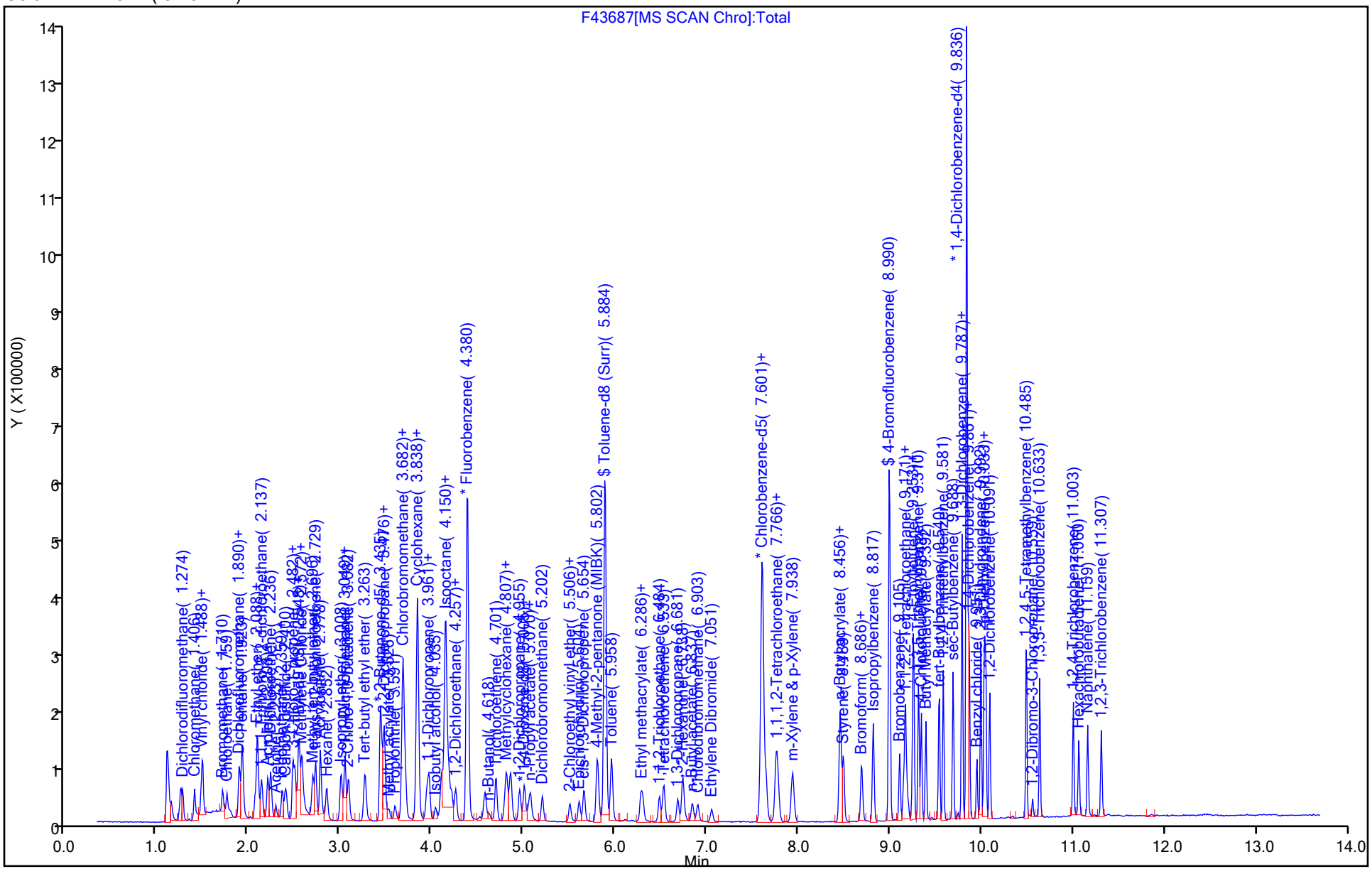
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

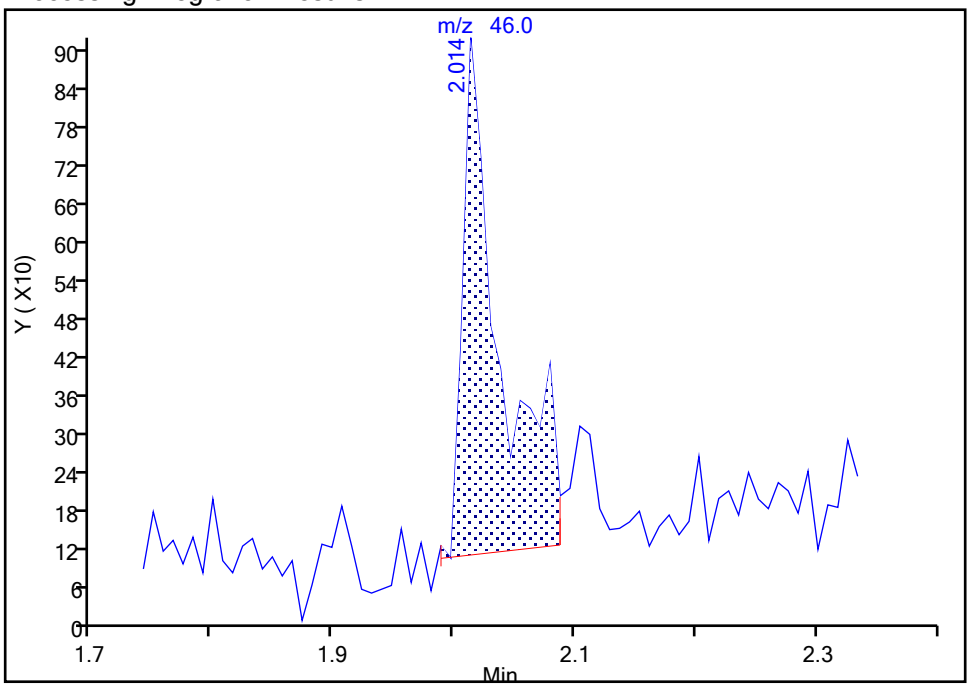
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43687.D
Injection Date: 16-Jan-2025 04:51:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Ethanol, CAS: 64-17-5

Signal: 1

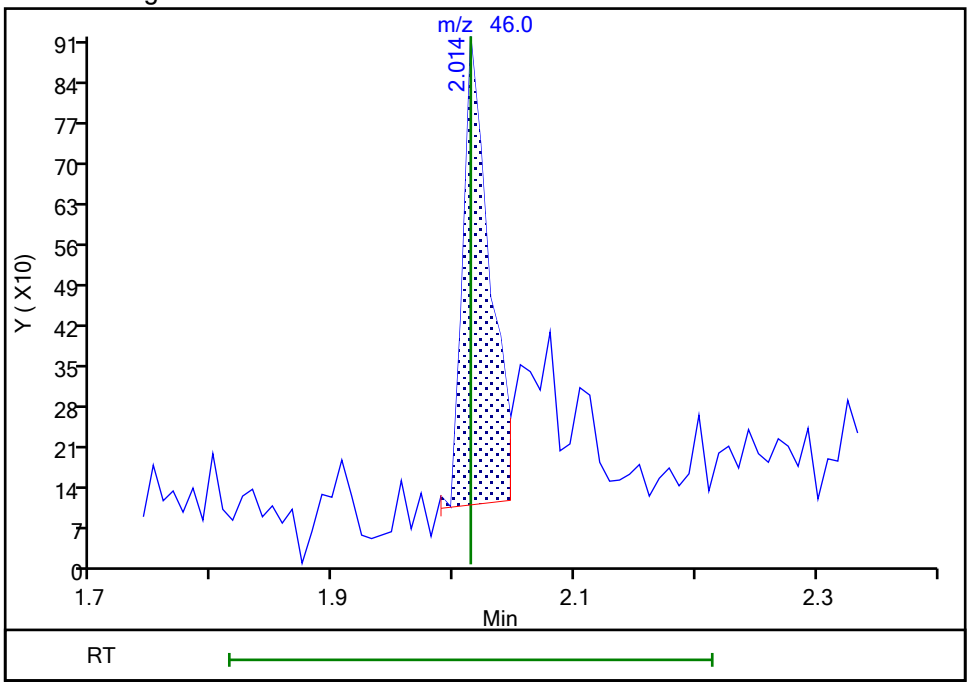
Processing Integration Results

RT: 2.01
Area: 1770
Amount: 378.2533
Amount Units: ug/l




Manual Integration Results

RT: 2.01
Area: 1273
Amount: 256.2103
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:19:33 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

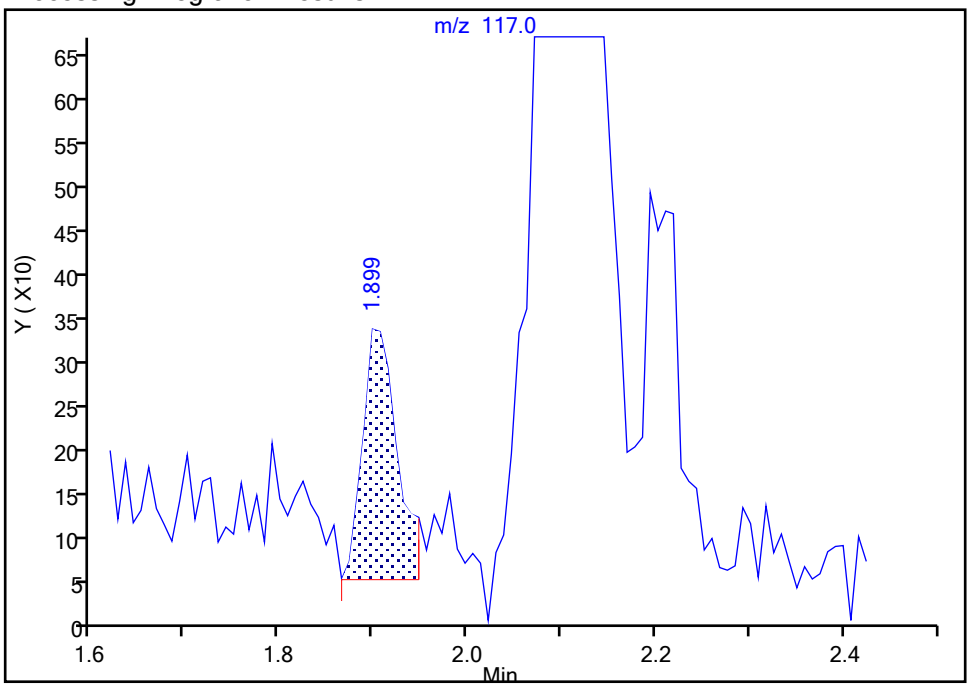
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43687.D
Injection Date: 16-Jan-2025 04:51:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 13 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

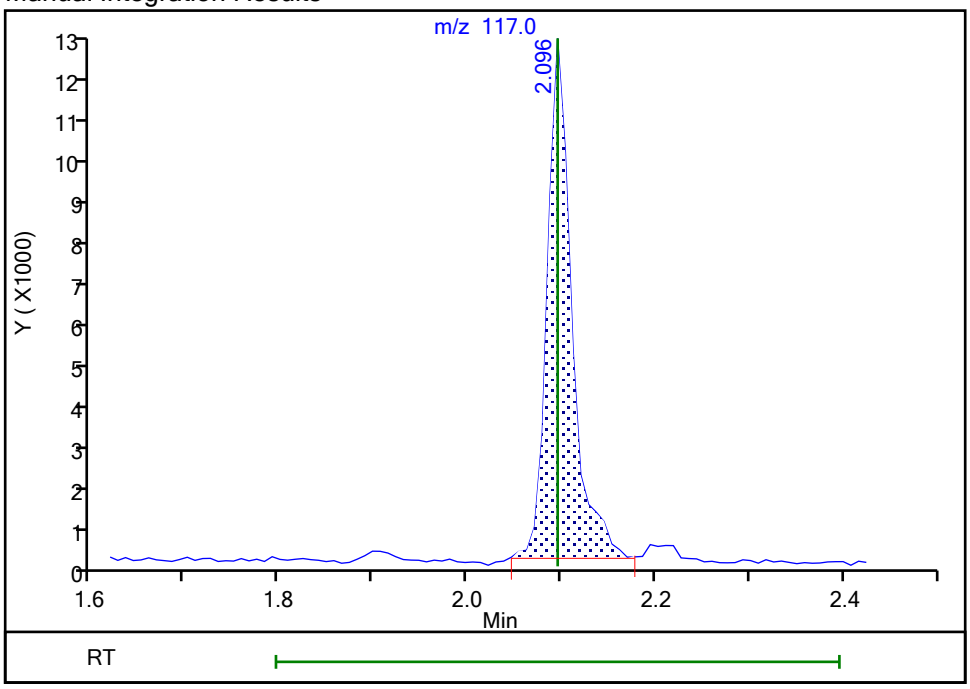
Processing Integration Results

RT: 1.90
Area: 731
Amount: 0.427301
Amount Units: ug/l




Manual Integration Results

RT: 2.10
Area: 22019
Amount: 4.809614
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:05:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

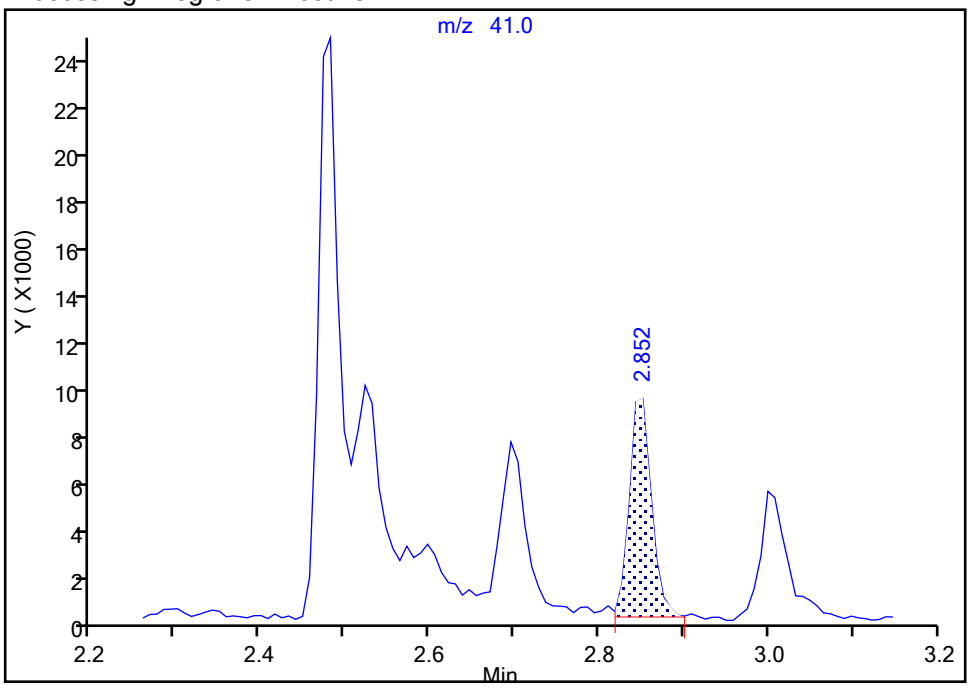
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43687.D
Injection Date: 16-Jan-2025 04:51:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Signal: 1

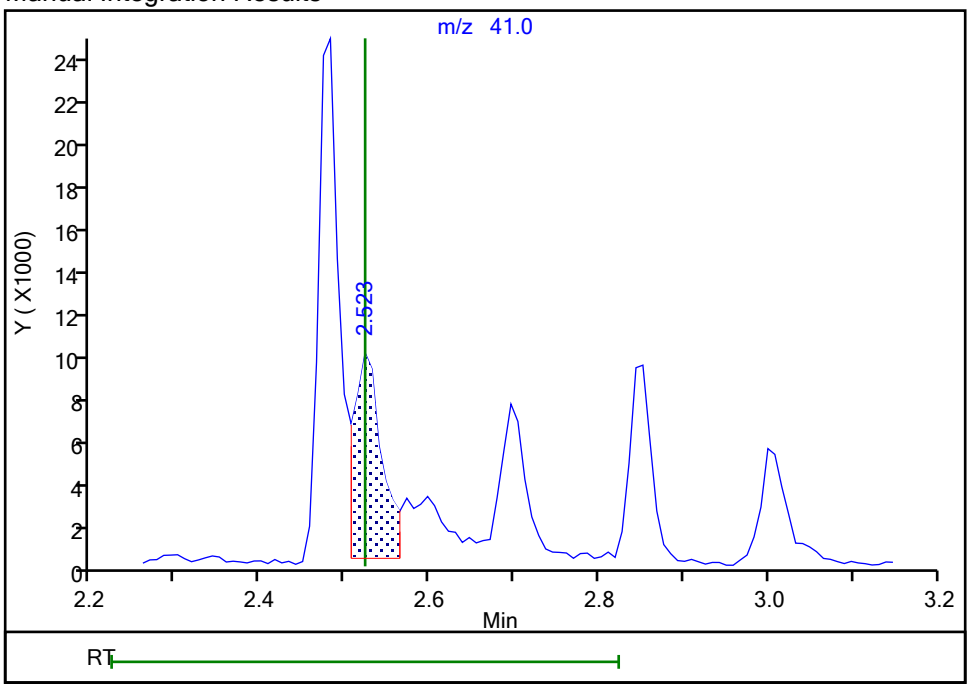
Processing Integration Results

RT: 2.85
Area: 16669
Amount: 51.671560
Amount Units: ug/l




Manual Integration Results

RT: 2.52
Area: 22698
Amount: 52.589119
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:21:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

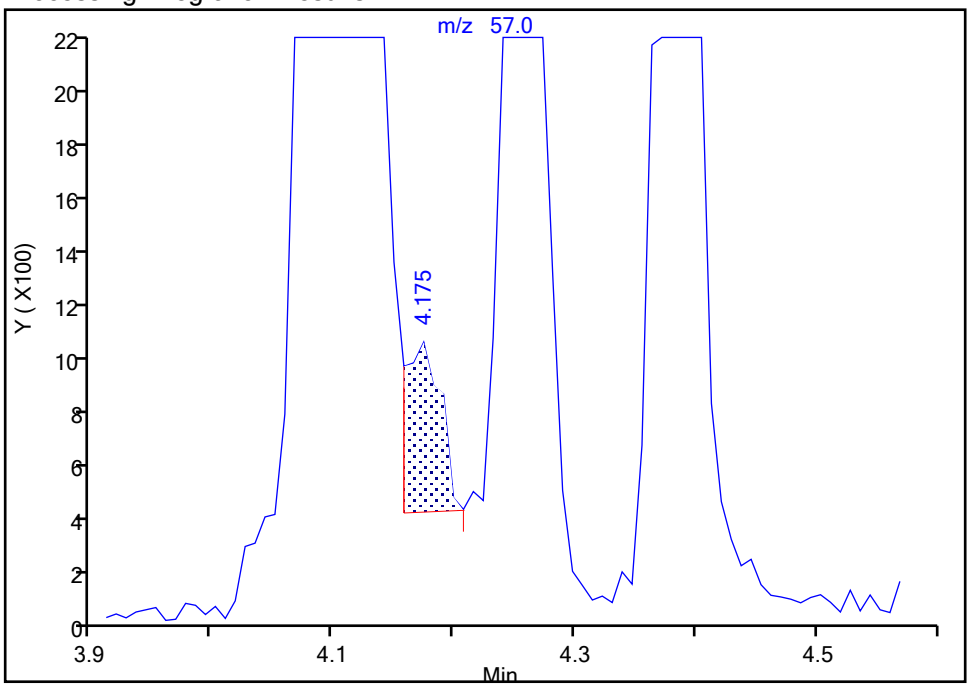
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43687.D
Injection Date: 16-Jan-2025 04:51:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 60 n-Heptane, CAS: 142-82-5

Signal: 1

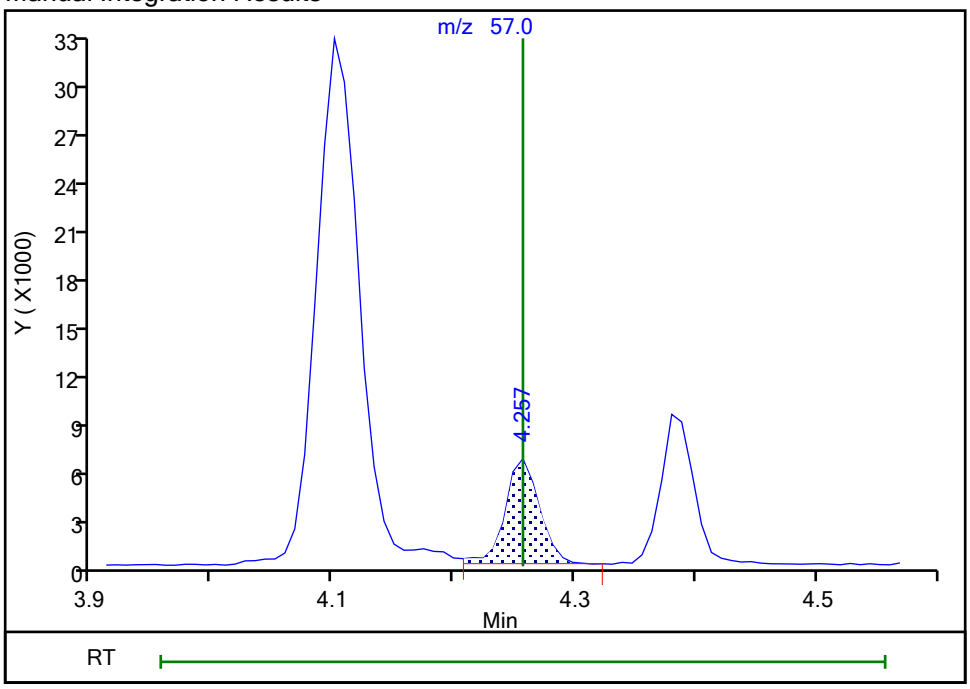
Processing Integration Results

RT: 4.17
Area: 1267
Amount: 0.174668
Amount Units: ug/l




Manual Integration Results

RT: 4.26
Area: 12662
Amount: 4.726154
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:05:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

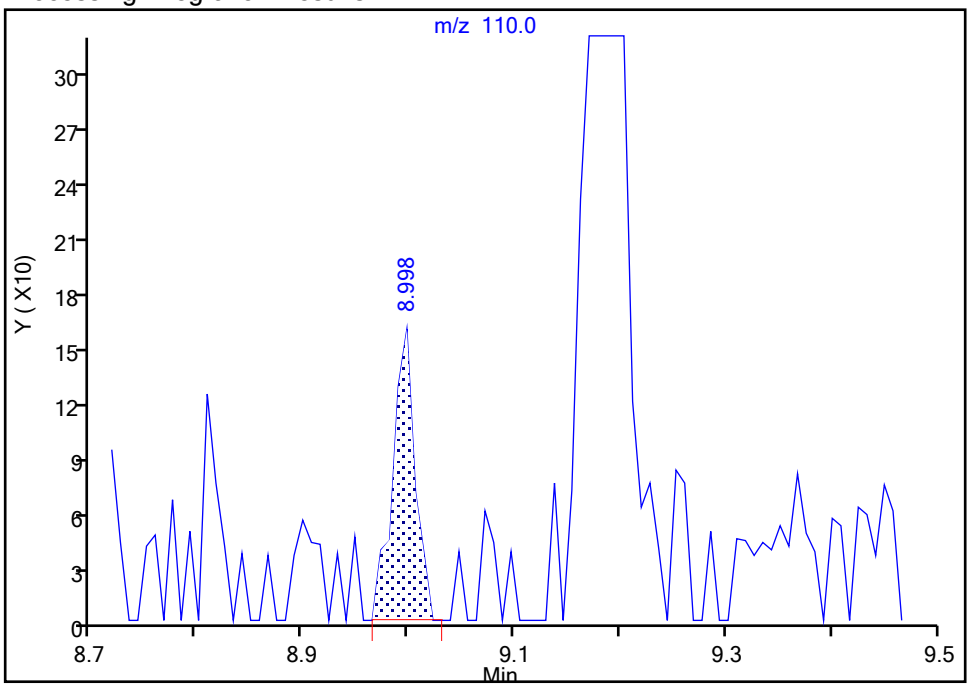
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43687.D
Injection Date: 16-Jan-2025 04:51:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

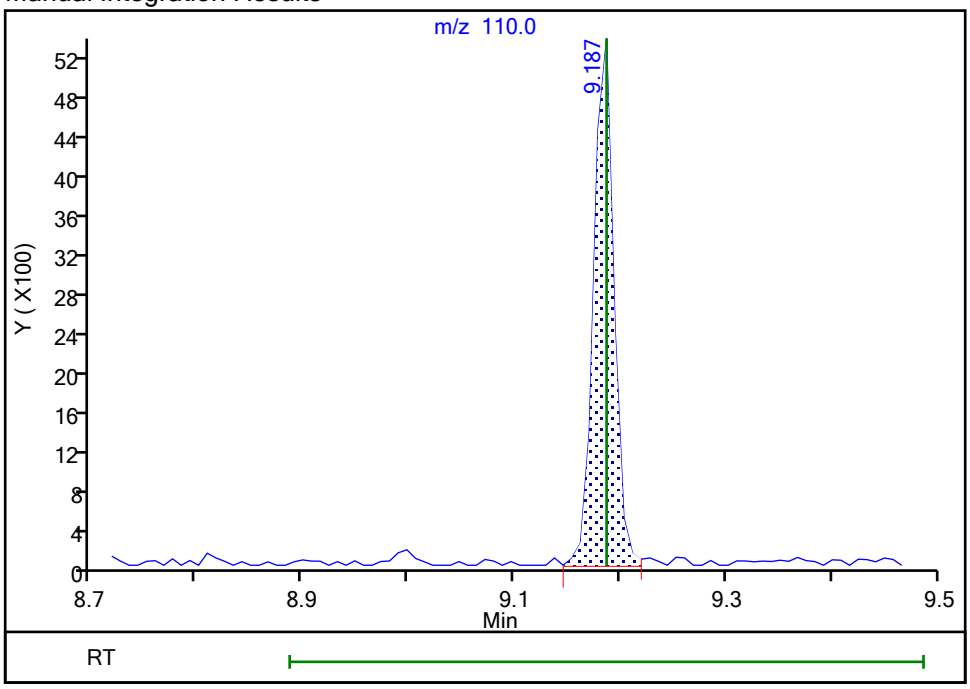
Processing Integration Results

RT: 9.00
Area: 231
Amount: 0.401593
Amount Units: ug/l




Manual Integration Results

RT: 9.19
Area: 7109
Amount: 4.506156
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:06:15 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43688.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 16-Jan-2025 05:11:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0185847-006
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 14:52:33 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: HVW2 Date: 16-Jan-2025 05:41:59

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.258 | 1.258 | 0.000 | 98 | 107689 | 20.0 | 18.8 | |
| 2 Chloromethane | 50 | 1.397 | 1.397 | 0.000 | 100 | 127153 | 20.0 | 20.8 | |
| 3 Vinyl chloride | 62 | 1.471 | 1.471 | 0.000 | 99 | 102294 | 20.0 | 20.2 | |
| 4 Butadiene | 54 | 1.488 | 1.488 | 0.000 | 97 | 104809 | 20.0 | 19.9 | |
| 5 Bromomethane | 94 | 1.701 | 1.701 | 0.000 | 99 | 76617 | 20.0 | 22.5 | |
| 6 Chloroethane | 64 | 1.751 | 1.751 | 0.000 | 100 | 70804 | 20.0 | 21.2 | |
| 7 Dichlorofluoromethane | 67 | 1.890 | 1.890 | 0.000 | 99 | 210230 | 20.0 | 21.8 | |
| 8 Trichlorofluoromethane | 101 | 1.899 | 1.899 | 0.000 | 99 | 133124 | 20.0 | 21.3 | |
| 9 Pentane | 72 | 1.923 | 1.923 | 0.000 | 95 | 32175 | 40.0 | 44.9 | |
| 10 Ethanol | 46 | 2.014 | 2.014 | 0.000 | 96 | 3994 | 800.0 | 945.1 | M |
| 11 Ethyl ether | 59 | 2.063 | 2.063 | 0.000 | 96 | 69074 | 20.0 | 20.6 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.088 | 2.088 | 0.000 | 94 | 82682 | 20.0 | 21.3 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.096 | 2.096 | 0.000 | 95 | 84144 | 20.0 | 21.4 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.137 | 2.137 | 0.000 | 96 | 139305 | 20.0 | 21.1 | |
| 16 Acrolein | 56 | 2.203 | 2.203 | 0.000 | 45 | 23043 | 40.0 | 45.4 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.203 | 2.203 | 0.000 | 97 | 96667 | 20.0 | 20.9 | |
| 17 1,1-Dichloroethene | 96 | 2.236 | 2.236 | 0.000 | 98 | 99034 | 20.0 | 21.2 | |
| 18 Acetone | 43 | 2.293 | 2.293 | 0.000 | 87 | 109300 | 100.0 | 111.9 | |
| 19 Isopropyl alcohol | 45 | 2.334 | 2.334 | 0.000 | 98 | 30890 | 200.0 | 240.1 | |
| 20 Iodomethane | 142 | 2.359 | 2.359 | 0.000 | 98 | 188769 | 20.0 | 21.5 | |
| 21 Carbon disulfide | 76 | 2.392 | 2.392 | 0.000 | 99 | 323661 | 20.0 | 21.5 | |
| 23 3-Chloro-1-propene | 41 | 2.474 | 2.474 | 0.000 | 90 | 169336 | 20.0 | 21.6 | |
| 22 Methyl acetate | 43 | 2.474 | 2.474 | 0.000 | 79 | 106719 | 40.0 | 46.7 | |
| 24 Cyclopentene | 67 | 2.498 | 2.498 | 0.000 | 94 | 199771 | 20.0 | 21.3 | |
| 32 Acetonitrile | 41 | 2.523 | 2.523 | 0.000 | 96 | 81360 | 200.0 | 221.6 | a |
| * 25 TBA-d9 (IS) | 46 | 2.540 | 2.540 | 0.000 | 100 | 54487 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.572 | 2.572 | 0.000 | 91 | 116408 | 20.0 | 21.4 | |
| 27 2-Methyl-2-propanol | 59 | 2.597 | 2.597 | 0.000 | 99 | 63130 | 200.0 | 229.3 | |
| 28 Methyl tert-butyl ether | 73 | 2.696 | 2.696 | 0.000 | 96 | 279647 | 20.0 | 21.6 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.729 | 2.729 | 0.000 | 95 | 108637 | 20.0 | 21.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Acrylonitrile | 53 | 2.778 | 2.778 | 0.000 | 94 | 304483 | 200.0 | 224.9 | |
| 31 Hexane | 43 | 2.844 | 2.844 | 0.000 | 92 | 58074 | 20.0 | 21.6 | |
| 33 Isopropyl ether | 45 | 3.000 | 3.000 | 0.000 | 97 | 273013 | 20.0 | 21.6 | |
| 34 Vinyl acetate | 86 | 3.041 | 3.041 | 0.000 | 99 | 30970 | 40.0 | 42.7 | |
| 35 1,1-Dichloroethane | 63 | 3.049 | 3.049 | 0.000 | 98 | 181132 | 20.0 | 21.6 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.082 | 3.082 | 0.000 | 90 | 85273 | 20.0 | 21.1 | |
| 37 Tert-butyl ethyl ether | 59 | 3.263 | 3.263 | 0.000 | 89 | 294448 | 20.0 | 21.6 | |
| * 38 2-Butanone-d5 | 46 | 3.435 | 3.435 | 0.000 | 100 | 198388 | 250.0 | 250.0 | |
| 39 2,2-Dichloropropane | 97 | 3.460 | 3.460 | 0.000 | 95 | 33852 | 20.0 | 22.2 | |
| 42 2-Butanone (MEK) | 72 | 3.476 | 3.476 | 0.000 | 97 | 41192 | 100.0 | 104.5 | |
| 40 Ethyl acetate | 70 | 3.476 | 3.476 | 0.000 | 91 | 15848 | 40.0 | 43.5 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.476 | 3.476 | 0.000 | 95 | 112493 | 20.0 | 21.5 | |
| 43 Methyl acrylate | 55 | 3.526 | 3.526 | 0.000 | 100 | 60044 | 20.0 | 23.2 | |
| 44 Propionitrile | 54 | 3.591 | 3.591 | 0.000 | 98 | 109235 | 200.0 | 229.1 | |
| 45 Chlorobromomethane | 128 | 3.665 | 3.665 | 0.000 | 81 | 53920 | 20.0 | 21.7 | |
| 46 Tetrahydrofuran | 42 | 3.665 | 3.665 | 0.000 | 59 | 55338 | 40.0 | 45.4 | |
| 47 Methacrylonitrile | 67 | 3.682 | 3.682 | 0.000 | 91 | 313160 | 200.0 | 221.8 | |
| 48 Chloroform | 83 | 3.706 | 3.706 | 0.000 | 99 | 174922 | 20.0 | 21.7 | |
| 49 Cyclohexane | 84 | 3.830 | 3.830 | 0.000 | 91 | 137069 | 20.0 | 21.3 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.838 | 3.838 | 0.000 | 96 | 125879 | 50.0 | 49.4 | |
| 51 1,1,1-Trichloroethane | 97 | 3.838 | 3.838 | 0.000 | 98 | 148388 | 20.0 | 21.0 | |
| 52 Carbon tetrachloride | 117 | 3.945 | 3.945 | 0.000 | 99 | 117893 | 20.0 | 20.4 | |
| 53 1,1-Dichloropropene | 75 | 3.961 | 3.961 | 0.000 | 98 | 124050 | 20.0 | 21.2 | |
| 54 Isobutyl alcohol | 43 | 4.035 | 4.035 | 0.000 | 96 | 60146 | 500.0 | 581.6 | |
| 134 Isooctane | 57 | 4.101 | 4.101 | 0.000 | 0 | 318677 | 20.0 | 20.9 | |
| 55 Benzene | 78 | 4.134 | 4.134 | 0.000 | 96 | 360676 | 20.0 | 21.0 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.150 | 0.000 | 92 | 136029 | 50.0 | 49.2 | |
| 57 Isopropyl acetate | 61 | 4.158 | 4.158 | 0.000 | 97 | 30336 | 20.0 | 21.4 | |
| 58 Tert-amyl methyl ether | 73 | 4.175 | 4.175 | 0.000 | 93 | 288165 | 20.0 | 21.4 | |
| 59 1,2-Dichloroethane | 62 | 4.208 | 4.208 | 0.000 | 98 | 116730 | 20.0 | 21.5 | |
| 60 n-Heptane | 57 | 4.257 | 4.257 | 0.000 | 90 | 47894 | 20.0 | 20.8 | |
| * 61 Fluorobenzene | 96 | 4.380 | 4.380 | 0.000 | 99 | 458607 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.618 | 4.618 | 0.000 | 88 | 45968 | 500.0 | 563.6 | |
| 63 Trichloroethene | 95 | 4.692 | 4.692 | 0.000 | 99 | 95626 | 20.0 | 21.2 | |
| 64 Ethyl acrylate | 55 | 4.799 | 4.799 | 0.000 | 98 | 195646 | 20.0 | 21.0 | |
| 65 Methylcyclohexane | 83 | 4.807 | 4.807 | 0.000 | 94 | 157859 | 20.0 | 21.4 | |
| 66 1,2-Dichloropropane | 63 | 4.955 | 4.955 | 0.000 | 94 | 86003 | 20.0 | 21.1 | |
| * 67 1,4-Dioxane-d8 | 96 | 4.996 | 4.996 | 0.000 | 43 | 17711 | 1000.0 | 1000.0 | a |
| 68 Methyl methacrylate | 100 | 5.005 | 5.005 | 0.000 | 85 | 36357 | 40.0 | 43.1 | |
| 69 1,4-Dioxane | 88 | 5.046 | 5.046 | 0.000 | 28 | 14038 | 400.0 | 429.8 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.054 | 0.000 | 97 | 75204 | 20.0 | 19.5 | |
| 71 Dibromomethane | 93 | 5.070 | 5.070 | 0.000 | 97 | 58005 | 20.0 | 21.0 | |
| 72 Dichlorobromomethane | 83 | 5.202 | 5.202 | 0.000 | 99 | 113148 | 20.0 | 21.1 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.498 | 5.498 | 0.000 | 96 | 38711 | 20.0 | 19.7 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.506 | 0.000 | 90 | 31527 | 40.0 | 37.1 | |
| 75 Epichlorohydrin | 57 | 5.604 | 5.604 | 0.000 | 99 | 140759 | 400.0 | 459.9 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 92 | 136074 | 20.0 | 22.1 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.802 | 5.802 | 0.000 | 95 | 354555 | 100.0 | 109.1 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.884 | 5.884 | 0.000 | 99 | 414609 | 50.0 | 50.6 | |
| 79 Toluene | 91 | 5.958 | 5.958 | 0.000 | 93 | 334104 | 20.0 | 21.5 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.278 | 0.000 | 98 | 106064 | 20.0 | 21.5 | |
| 81 Ethyl methacrylate | 69 | 6.295 | 6.295 | 0.000 | 89 | 92399 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.484 | 0.000 | 97 | 55984 | 20.0 | 21.6 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 96 | 80052 | 20.0 | 20.9 | |
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.681 | 0.000 | 93 | 105884 | 20.0 | 21.2 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 95 | 243750 | 100.0 | 105.2 | |
| 86 n-Butyl acetate | 43 | 6.837 | 6.837 | 0.000 | 99 | 107654 | 20.0 | 21.6 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.903 | 0.000 | 98 | 72294 | 20.0 | 21.1 | |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.051 | 0.000 | 98 | 68637 | 20.0 | 21.2 | |
| * 89 Chlorobenzene-d5 | 117 | 7.601 | 7.601 | 0.000 | 86 | 301554 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.642 | 7.642 | 0.000 | 94 | 215371 | 20.0 | 21.2 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.757 | 0.000 | 98 | 113382 | 20.0 | 21.2 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.774 | 7.774 | 0.000 | 95 | 91300 | 20.0 | 22.2 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 140262 | 20.0 | 21.0 | |
| 94 n-Butyl acrylate | 73 | 8.448 | 8.448 | 0.000 | 98 | 73962 | 20.0 | 22.3 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 93 | 157851 | 20.0 | 21.8 | |
| 96 Styrene | 104 | 8.489 | 8.489 | 0.000 | 95 | 232866 | 20.0 | 21.8 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 170805 | 20.0 | 21.6 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 95 | 44142 | 20.0 | 20.8 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 389968 | 20.0 | 21.4 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 91 | 126848 | 50.0 | 48.7 | |
| 101 Bromobenzene | 156 | 9.105 | 9.105 | 0.000 | 98 | 103313 | 20.0 | 20.7 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.146 | 0.000 | 98 | 97921 | 20.0 | 20.8 | |
| 103 N-Propylbenzene | 91 | 9.162 | 9.162 | 0.000 | 99 | 476754 | 20.0 | 21.5 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.187 | 0.000 | 98 | 27165 | 20.0 | 19.4 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.203 | 0.000 | 80 | 17876 | 20.0 | 20.3 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.253 | 0.000 | 97 | 348949 | 20.0 | 21.3 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.261 | 0.000 | 97 | 400477 | 20.0 | 21.7 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.310 | 9.310 | 0.000 | 93 | 383223 | 20.0 | 22.2 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.343 | 0.000 | 97 | 316394 | 20.0 | 20.9 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.392 | 0.000 | 89 | 152818 | 20.0 | 22.2 | |
| 111 tert-Butylbenzene | 119 | 9.532 | 9.532 | 0.000 | 93 | 330379 | 20.0 | 22.4 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.581 | 9.581 | 0.000 | 98 | 405282 | 20.0 | 22.6 | |
| 113 sec-Butylbenzene | 105 | 9.688 | 9.688 | 0.000 | 99 | 490667 | 20.0 | 22.6 | |
| 114 4-Isopropyltoluene | 119 | 9.779 | 9.779 | 0.000 | 97 | 433032 | 20.0 | 23.1 | |
| 115 1,3-Dichlorobenzene | 146 | 9.787 | 9.787 | 0.000 | 75 | 221095 | 20.0 | 22.1 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.836 | 9.836 | 0.000 | 95 | 205786 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.844 | 9.844 | 0.000 | 94 | 229506 | 20.0 | 22.1 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.861 | 9.861 | 0.000 | 98 | 442233 | 20.0 | 22.9 | |
| 119 Benzyl chloride | 91 | 9.943 | 9.943 | 0.000 | 99 | 224651 | 20.0 | 21.5 | |
| 120 2,3-Dihydroindene | 117 | 9.984 | 9.984 | 0.000 | 94 | 413111 | 20.0 | 22.5 | |
| 121 p-Diethylbenzene | 119 | 10.025 | 10.025 | 0.000 | 93 | 270128 | 20.0 | 23.0 | |
| 122 n-Butylbenzene | 92 | 10.042 | 10.042 | 0.000 | 98 | 226368 | 20.0 | 22.4 | |
| 123 1,2-Dichlorobenzene | 146 | 10.083 | 10.083 | 0.000 | 96 | 228054 | 20.0 | 22.4 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.477 | 10.477 | 0.000 | 97 | 444024 | 20.0 | 22.0 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.551 | 10.551 | 0.000 | 96 | 22689 | 20.0 | 21.5 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.625 | 10.625 | 0.000 | 98 | 187850 | 20.0 | 21.7 | |
| 127 1,2,4-Trichlorobenzene | 180 | 10.987 | 10.987 | 0.000 | 94 | 160562 | 20.0 | 22.0 | |
| 128 Hexachlorobutadiene | 225 | 11.052 | 11.052 | 0.000 | 95 | 66610 | 20.0 | 21.0 | |
| 129 Naphthalene | 128 | 11.143 | 11.143 | 0.000 | 99 | 344142 | 20.0 | 22.1 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.299 | 11.299 | 0.000 | 96 | 134953 | 20.0 | 22.2 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 43.4 | |
| S 132 Total BTEX | 1 | | | | 0 | | 100.0 | 106.6 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 40.0 | 42.8 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00029 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00621 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00199 | Amount Added: | 20.00 | Units: uL | |
| VOA6IS/SURR_00078 | Amount Added: | 5.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 14:52:34 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43688.D

Injection Date: 16-Jan-2025 05:11:30 Instrument ID: CVOAMS6 Operator ID:

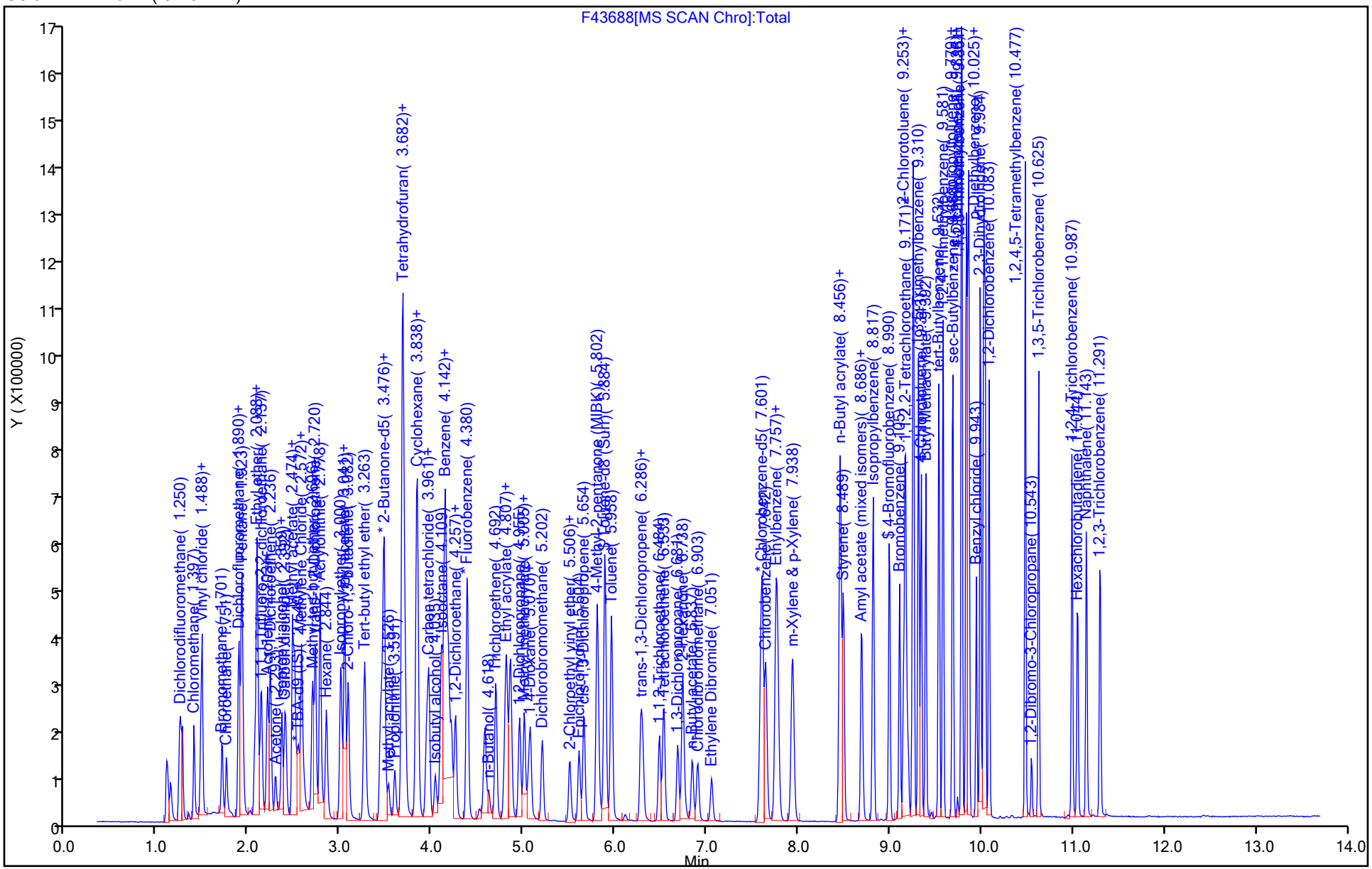
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison

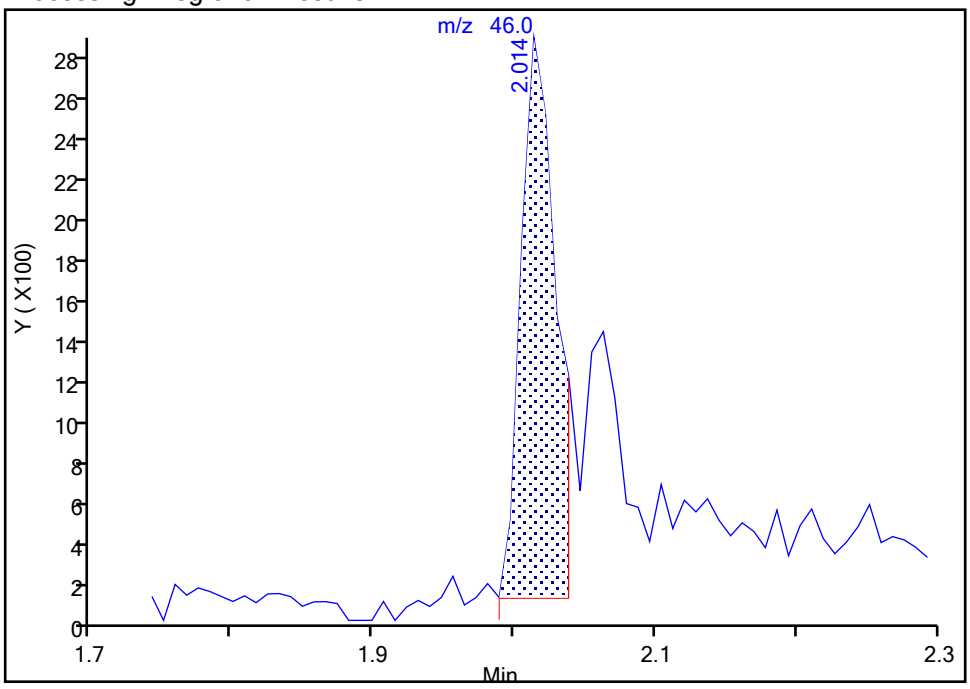
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43688.D
Injection Date: 16-Jan-2025 05:11:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Ethanol, CAS: 64-17-5

Signal: 1

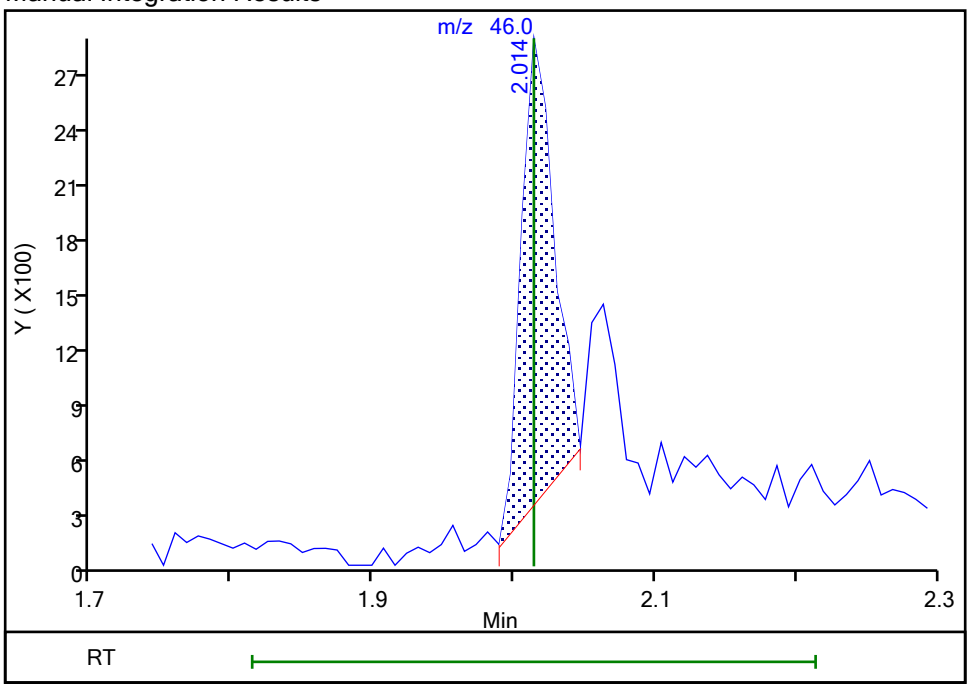
Processing Integration Results

RT: 2.01
Area: 4718
Amount: 1193.8838
Amount Units: ug/l




Manual Integration Results

RT: 2.01
Area: 3994
Amount: 945.1426
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:21:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

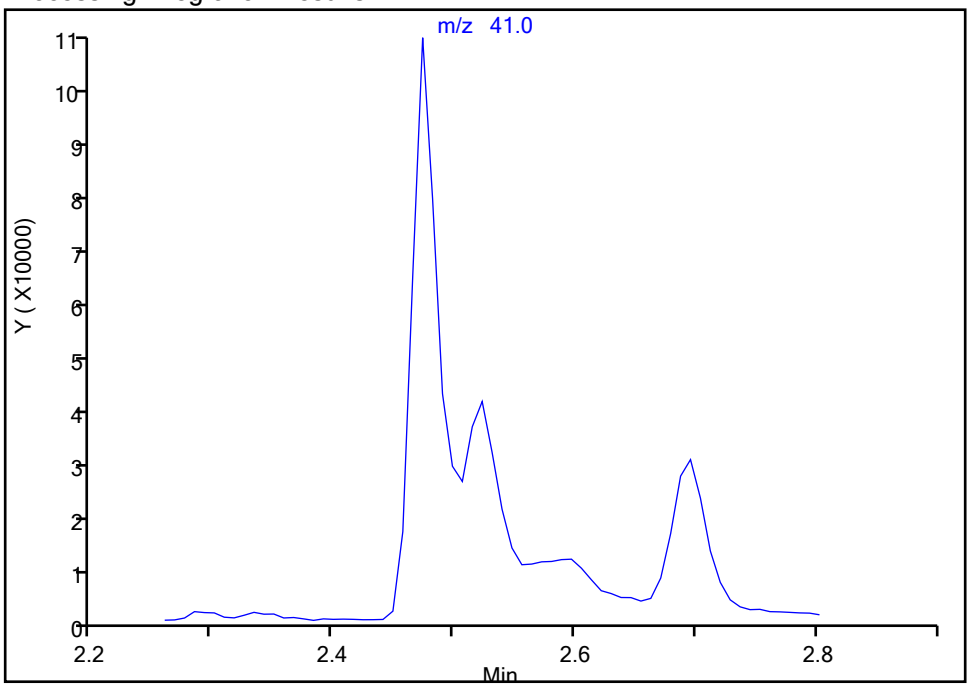
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43688.D
Injection Date: 16-Jan-2025 05:11:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Signal: 1

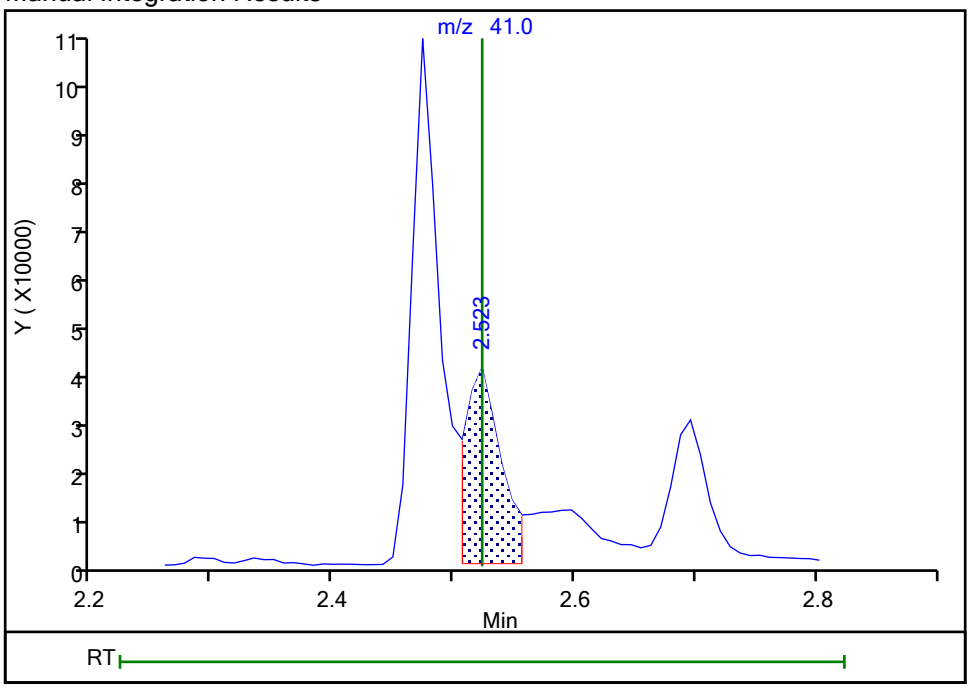
Not Detected
Expected RT: 2.52

Processing Integration Results




Manual Integration Results

RT: 2.52
Area: 81360
Amount: 221.6360
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 12:53:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

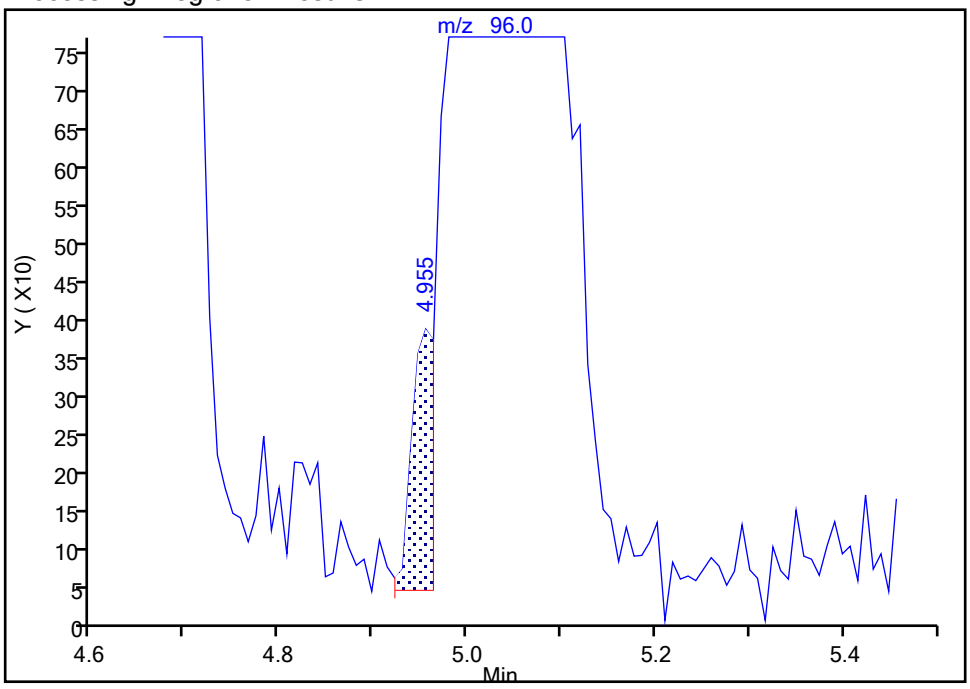
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43688.D
Injection Date: 16-Jan-2025 05:11:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## * 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

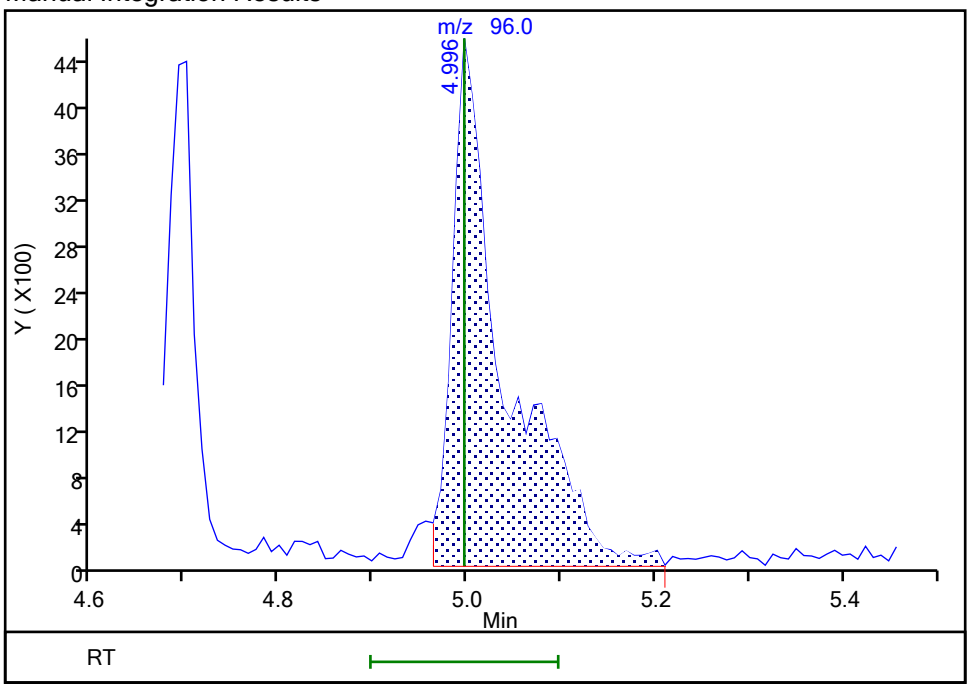
Processing Integration Results

RT: 4.96
Area: 596
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.00
Area: 17711
Amount: 1000.0000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 12:53:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43689.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 16-Jan-2025 05:31:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0185847-007
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 14:52:47 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: HVW2 Date: 16-Jan-2025 06:15:34

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.266 | 1.258 | 0.008 | 99 | 296595 | 50.0 | 53.9 | |
| 2 Chloromethane | 50 | 1.405 | 1.397 | 0.008 | 99 | 308416 | 50.0 | 52.5 | |
| 3 Vinyl chloride | 62 | 1.479 | 1.471 | 0.008 | 99 | 264833 | 50.0 | 54.5 | |
| 4 Butadiene | 54 | 1.496 | 1.488 | 0.008 | 96 | 279633 | 50.0 | 55.3 | |
| 5 Bromomethane | 94 | 1.710 | 1.701 | 0.009 | 99 | 173254 | 50.0 | 53.0 | |
| 6 Chloroethane | 64 | 1.759 | 1.751 | 0.008 | 100 | 170722 | 50.0 | 53.2 | |
| 7 Dichlorofluoromethane | 67 | 1.890 | 1.890 | 0.000 | 99 | 512091 | 50.0 | 55.2 | |
| 8 Trichlorofluoromethane | 101 | 1.907 | 1.899 | 0.008 | 100 | 347410 | 50.0 | 57.8 | |
| 9 Pentane | 72 | 1.923 | 1.923 | 0.000 | 96 | 83325 | 100.0 | 117.7 | |
| 10 Ethanol | 46 | 2.022 | 2.014 | 0.008 | 98 | 9001 | 2000.0 | 2030.6 | a |
| 11 Ethyl ether | 59 | 2.063 | 2.063 | 0.000 | 98 | 164912 | 50.0 | 51.3 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.087 | 2.088 | -0.001 | 97 | 213501 | 50.0 | 57.4 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.096 | 2.096 | 0.000 | 94 | 215882 | 50.0 | 57.2 | a |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.137 | 2.137 | 0.000 | 95 | 364187 | 50.0 | 57.6 | |
| 16 Acrolein | 56 | 2.203 | 2.203 | 0.000 | 97 | 57092 | 100.0 | 107.2 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.203 | 2.203 | 0.000 | 99 | 255504 | 50.0 | 57.6 | |
| 17 1,1-Dichloroethene | 96 | 2.235 | 2.236 | -0.001 | 99 | 250802 | 50.0 | 55.9 | |
| 18 Acetone | 43 | 2.293 | 2.293 | 0.000 | 87 | 273487 | 250.0 | 267.0 | |
| 19 Isopropyl alcohol | 45 | 2.342 | 2.334 | 0.008 | 98 | 63554 | 500.0 | 471.0 | |
| 20 Iodomethane | 142 | 2.359 | 2.359 | 0.000 | 98 | 475056 | 50.0 | 56.4 | |
| 21 Carbon disulfide | 76 | 2.400 | 2.392 | 0.008 | 99 | 837031 | 50.0 | 57.9 | |
| 23 3-Chloro-1-propene | 41 | 2.482 | 2.474 | 0.008 | 91 | 413818 | 50.0 | 55.0 | |
| 22 Methyl acetate | 43 | 2.474 | 2.474 | 0.000 | 75 | 252813 | 100.0 | 105.4 | |
| 24 Cyclopentene | 67 | 2.498 | 2.498 | 0.000 | 94 | 516450 | 50.0 | 57.3 | |
| 32 Acetonitrile | 41 | 2.523 | 2.523 | 0.000 | 97 | 202418 | 500.0 | 525.7 | Ma |
| * 25 TBA-d9 (IS) | 46 | 2.548 | 2.540 | 0.008 | 100 | 57153 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.581 | 2.572 | 0.008 | 90 | 287591 | 50.0 | 55.1 | |
| 27 2-Methyl-2-propanol | 59 | 2.605 | 2.597 | 0.008 | 98 | 156255 | 500.0 | 541.2 | |
| 28 Methyl tert-butyl ether | 73 | 2.696 | 2.696 | 0.000 | 97 | 679771 | 50.0 | 54.7 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.728 | 2.729 | -0.001 | 95 | 263063 | 50.0 | 55.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Acrylonitrile | 53 | 2.778 | 2.778 | 0.000 | 94 | 742937 | 500.0 | 571.6 | |
| 31 Hexane | 43 | 2.843 | 2.844 | -0.001 | 92 | 153725 | 50.0 | 59.6 | |
| 33 Isopropyl ether | 45 | 3.008 | 3.000 | 0.008 | 96 | 662597 | 50.0 | 54.7 | |
| 34 Vinyl acetate | 86 | 3.049 | 3.041 | 0.008 | 100 | 72187 | 100.0 | 103.6 | |
| 35 1,1-Dichloroethane | 63 | 3.049 | 3.049 | 0.000 | 98 | 442909 | 50.0 | 55.1 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.090 | 3.082 | 0.008 | 91 | 214067 | 50.0 | 55.1 | |
| 37 Tert-butyl ethyl ether | 59 | 3.263 | 3.263 | -0.001 | 89 | 733243 | 50.0 | 55.9 | |
| * 38 2-Butanone-d5 | 46 | 3.435 | 3.435 | 0.000 | 94 | 196191 | 250.0 | 250.0 | |
| 39 2,2-Dichloropropane | 97 | 3.460 | 3.460 | 0.000 | 95 | 82200 | 50.0 | 56.2 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.476 | 3.476 | 0.000 | 95 | 277044 | 50.0 | 55.2 | |
| 42 2-Butanone (MEK) | 72 | 3.484 | 3.476 | 0.008 | 97 | 103634 | 250.0 | 265.8 | |
| 40 Ethyl acetate | 70 | 3.476 | 3.476 | 0.000 | 92 | 38796 | 100.0 | 101.6 | |
| 43 Methyl acrylate | 55 | 3.525 | 3.526 | -0.001 | 99 | 144564 | 50.0 | 53.2 | |
| 44 Propionitrile | 54 | 3.591 | 3.591 | 0.000 | 98 | 278280 | 500.0 | 556.5 | |
| 45 Chlorobromomethane | 128 | 3.673 | 3.665 | 0.008 | 88 | 130421 | 50.0 | 54.6 | |
| 46 Tetrahydrofuran | 42 | 3.673 | 3.665 | 0.008 | 79 | 133786 | 100.0 | 104.6 | |
| 47 Methacrylonitrile | 67 | 3.682 | 3.682 | 0.000 | 91 | 759879 | 500.0 | 560.7 | |
| 48 Chloroform | 83 | 3.706 | 3.706 | 0.000 | 99 | 422935 | 50.0 | 54.7 | |
| 49 Cyclohexane | 84 | 3.829 | 3.830 | -0.001 | 90 | 357917 | 50.0 | 58.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.838 | 3.838 | 0.000 | 97 | 123918 | 50.0 | 50.6 | |
| 51 1,1,1-Trichloroethane | 97 | 3.838 | 3.838 | 0.000 | 98 | 371180 | 50.0 | 54.7 | |
| 52 Carbon tetrachloride | 117 | 3.945 | 3.945 | -0.001 | 99 | 314316 | 50.0 | 56.6 | |
| 53 1,1-Dichloropropene | 75 | 3.969 | 3.961 | 0.008 | 98 | 306906 | 50.0 | 54.5 | |
| 54 Isobutyl alcohol | 43 | 4.035 | 4.035 | 0.000 | 97 | 137480 | 1250.0 | 1267.3 | |
| 134 Isooctane | 57 | 4.101 | 4.101 | 0.000 | 0 | 873214 | 50.0 | 59.8 | |
| 55 Benzene | 78 | 4.142 | 4.134 | 0.008 | 97 | 867926 | 50.0 | 48.3 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.150 | 0.000 | 92 | 126435 | 50.0 | 47.7 | |
| 57 Isopropyl acetate | 61 | 4.158 | 4.158 | 0.000 | 96 | 71289 | 50.0 | 55.4 | |
| 58 Tert-amyl methyl ether | 73 | 4.183 | 4.175 | 0.008 | 92 | 724349 | 50.0 | 56.0 | |
| 59 1,2-Dichloroethane | 62 | 4.216 | 4.208 | 0.008 | 98 | 281447 | 50.0 | 54.0 | |
| 60 n-Heptane | 57 | 4.257 | 4.257 | 0.000 | 91 | 125270 | 50.0 | 56.8 | a |
| * 61 Fluorobenzene | 96 | 4.388 | 4.380 | 0.008 | 99 | 440241 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.618 | 4.618 | 0.000 | 88 | 114049 | 1250.0 | 1333.0 | |
| 63 Trichloroethene | 95 | 4.692 | 4.692 | 0.000 | 99 | 235719 | 50.0 | 54.5 | |
| 64 Ethyl acrylate | 55 | 4.807 | 4.799 | 0.008 | 98 | 508225 | 50.0 | 56.7 | |
| 65 Methylcyclohexane | 83 | 4.816 | 4.807 | 0.009 | 95 | 412901 | 50.0 | 58.2 | |
| 66 1,2-Dichloropropane | 63 | 4.955 | 4.955 | 0.000 | 93 | 216529 | 50.0 | 55.4 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.004 | 4.996 | 0.008 | 94 | 18078 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.013 | 5.005 | 0.008 | 85 | 92974 | 100.0 | 114.8 | |
| 69 1,4-Dioxane | 88 | 5.054 | 5.046 | 0.008 | 28 | 34574 | 1000.0 | 1037.1 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.054 | 0.000 | 97 | 209983 | 50.0 | 56.7 | |
| 71 Dibromomethane | 93 | 5.070 | 5.070 | 0.000 | 97 | 142894 | 50.0 | 53.9 | |
| 72 Dichlorobromomethane | 83 | 5.202 | 5.202 | 0.000 | 99 | 284130 | 50.0 | 55.1 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.506 | 5.498 | 0.008 | 73 | 102043 | 50.1 | 54.2 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.506 | 0.000 | 82 | 85929 | 100.0 | 105.4 | |
| 75 Epichlorohydrin | 57 | 5.604 | 5.604 | 0.000 | 99 | 369411 | 1000.0 | 1150.6 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 91 | 349978 | 50.0 | 54.3 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.802 | 5.802 | 0.000 | 96 | 895321 | 250.0 | 278.6 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.884 | 5.884 | 0.000 | 99 | 422680 | 50.0 | 49.2 | |
| 79 Toluene | 91 | 5.958 | 5.958 | 0.000 | 93 | 864056 | 50.0 | 53.2 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.278 | 0.000 | 99 | 280108 | 50.0 | 54.1 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.295 | 0.008 | 89 | 247508 | 50.0 | 54.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.484 | 0.000 | 96 | 144855 | 50.0 | 53.4 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 96 | 211406 | 50.0 | 52.6 | |
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.681 | 0.000 | 92 | 279357 | 50.0 | 53.3 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 96 | 617570 | 250.0 | 269.6 | |
| 86 n-Butyl acetate | 43 | 6.845 | 6.837 | 0.008 | 99 | 272269 | 50.0 | 52.0 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.903 | 0.000 | 97 | 192287 | 50.0 | 53.5 | a |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.051 | -0.001 | 98 | 181981 | 50.0 | 53.6 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.601 | 0.008 | 87 | 315897 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.642 | 7.642 | 0.000 | 94 | 580717 | 50.0 | 54.5 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.757 | 0.000 | 98 | 301478 | 50.0 | 53.9 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.774 | 7.774 | 0.000 | 95 | 234571 | 50.0 | 54.4 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 375708 | 50.0 | 53.7 | |
| 94 n-Butyl acrylate | 73 | 8.447 | 8.448 | -0.001 | 97 | 186289 | 50.0 | 53.6 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 93 | 407082 | 50.0 | 53.7 | |
| 96 Styrene | 104 | 8.488 | 8.489 | -0.001 | 95 | 627404 | 50.0 | 56.1 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 91 | 422760 | 50.0 | 55.5 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 95 | 120046 | 50.0 | 54.0 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 1010275 | 50.0 | 52.8 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 92 | 134071 | 50.0 | 49.1 | |
| 101 Bromobenzene | 156 | 9.105 | 9.105 | 0.000 | 99 | 264060 | 50.0 | 54.8 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.146 | 0.000 | 99 | 247581 | 50.0 | 54.5 | |
| 103 N-Propylbenzene | 91 | 9.162 | 9.162 | 0.000 | 99 | 1232662 | 50.0 | 57.8 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.187 | 0.000 | 98 | 70029 | 50.0 | 51.9 | a |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.203 | 0.000 | 81 | 49602 | 50.0 | 58.3 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.253 | 0.000 | 97 | 898860 | 50.0 | 57.0 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.261 | 0.000 | 97 | 1035520 | 50.0 | 58.2 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.310 | 9.310 | 0.000 | 93 | 965294 | 50.0 | 58.0 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.343 | 0.000 | 97 | 815310 | 50.0 | 56.0 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.392 | 0.000 | 89 | 383040 | 50.0 | 57.8 | |
| 111 tert-Butylbenzene | 119 | 9.532 | 9.532 | 0.000 | 95 | 830165 | 50.0 | 58.3 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.581 | 9.581 | 0.000 | 97 | 980080 | 50.0 | 56.6 | |
| 113 sec-Butylbenzene | 105 | 9.680 | 9.688 | -0.008 | 99 | 1232024 | 50.0 | 59.0 | |
| 114 4-Isopropyltoluene | 119 | 9.779 | 9.779 | 0.000 | 97 | 1067212 | 50.0 | 59.0 | |
| 115 1,3-Dichlorobenzene | 146 | 9.779 | 9.787 | -0.008 | 91 | 535877 | 50.0 | 55.7 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.828 | 9.836 | -0.008 | 94 | 198268 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.844 | 9.844 | 0.000 | 94 | 561402 | 50.0 | 56.0 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.861 | 9.861 | 0.000 | 98 | 1063438 | 50.0 | 57.1 | |
| 119 Benzyl chloride | 91 | 9.943 | 9.943 | 0.000 | 99 | 564439 | 50.0 | 56.1 | |
| 120 2,3-Dihydroindene | 117 | 9.984 | 9.984 | 0.000 | 94 | 1002351 | 50.0 | 56.6 | |
| 121 p-Diethylbenzene | 119 | 10.017 | 10.025 | -0.008 | 95 | 654125 | 50.0 | 57.9 | |
| 122 n-Butylbenzene | 92 | 10.033 | 10.042 | -0.009 | 98 | 549389 | 50.0 | 56.3 | |
| 123 1,2-Dichlorobenzene | 146 | 10.083 | 10.083 | 0.000 | 95 | 540593 | 50.0 | 55.1 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.469 | 10.477 | -0.008 | 97 | 1044127 | 50.0 | 53.7 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.543 | 10.551 | -0.008 | 97 | 57034 | 50.0 | 56.1 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.617 | 10.625 | -0.008 | 98 | 432347 | 50.0 | 51.8 | |
| 127 1,2,4-Trichlorobenzene | 180 | 10.978 | 10.987 | -0.009 | 94 | 368365 | 50.0 | 52.5 | |
| 128 Hexachlorobutadiene | 225 | 11.044 | 11.052 | -0.008 | 93 | 150889 | 50.0 | 49.3 | |
| 129 Naphthalene | 128 | 11.143 | 11.143 | 0.000 | 99 | 810135 | 50.0 | 53.9 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.290 | 11.299 | -0.009 | 96 | 303341 | 50.0 | 51.9 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 110.4 | |
| S 132 Total BTEX | 1 | | | | 0 | | 250.0 | 262.8 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 100.0 | 107.4 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00029 | Amount Added: | 50.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 10.00 | Units: uL | |
| GASES Li_00621 | Amount Added: | 50.00 | Units: uL | |
| 8260MIX1COMB_00199 | Amount Added: | 50.00 | Units: uL | |
| VOA6IS/SURR_00078 | Amount Added: | 5.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 14:52:47 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43689.D

Injection Date: 16-Jan-2025 05:31:30 Instrument ID: CVOAMS6 Operator ID:

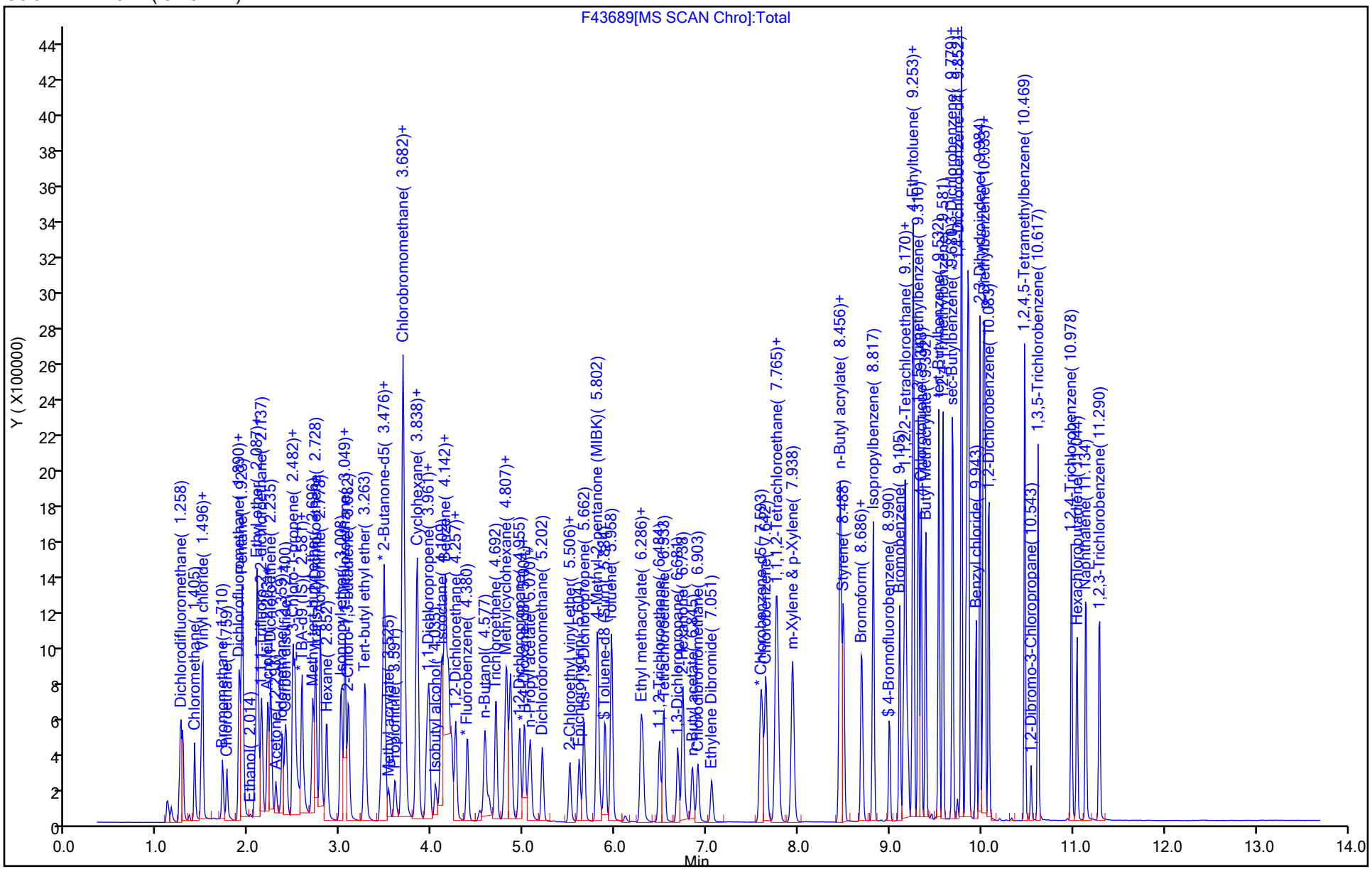
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

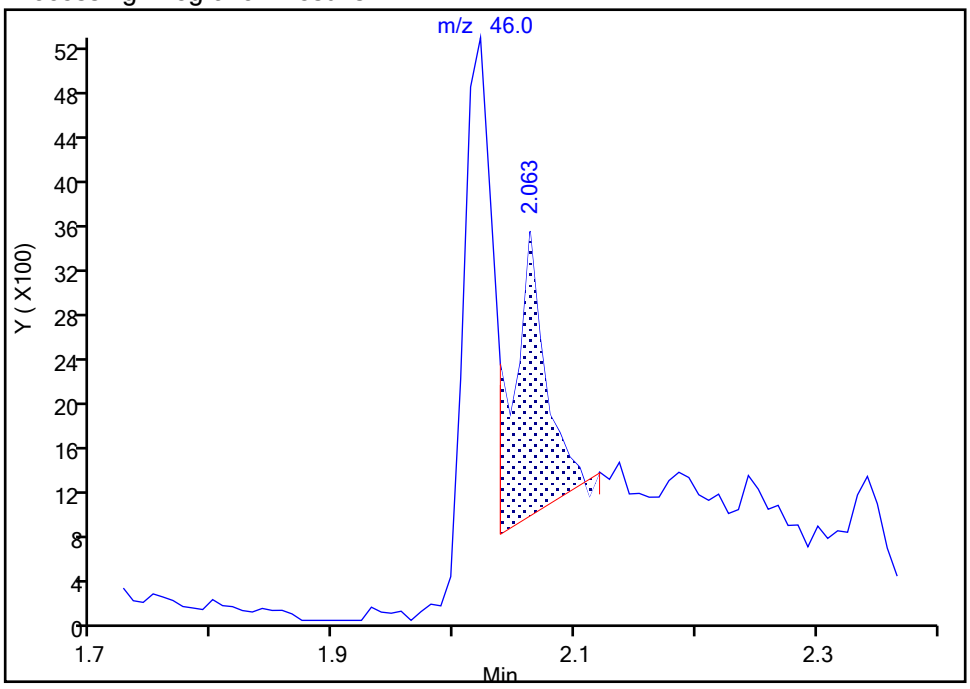
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43689.D
Injection Date: 16-Jan-2025 05:31:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Ethanol, CAS: 64-17-5

Signal: 1

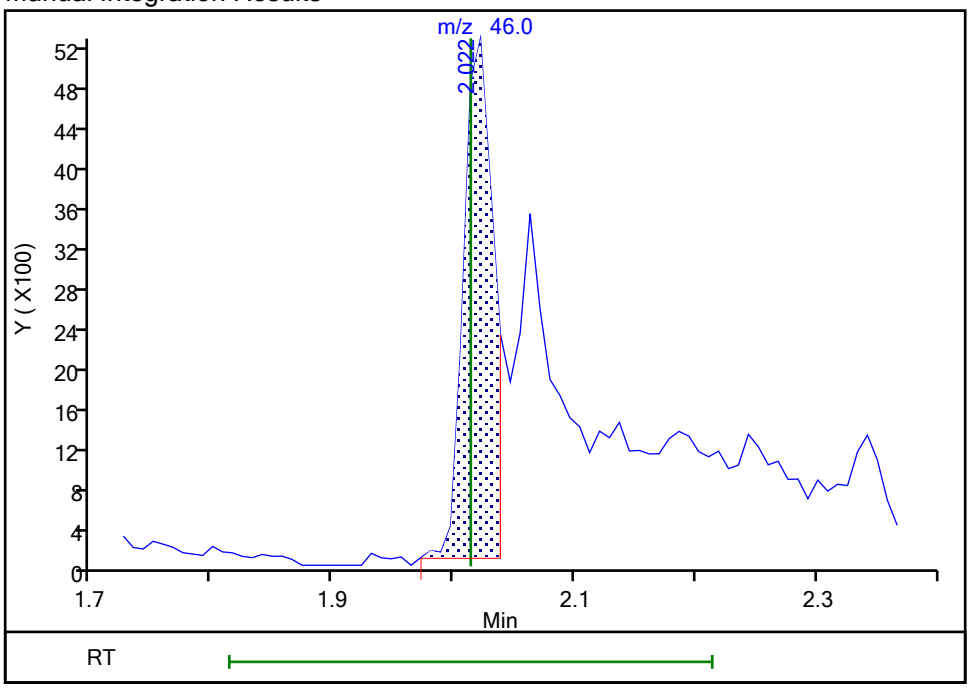
Processing Integration Results

RT: 2.06
Area: 4772
Amount: 719.5447
Amount Units: ug/l




Manual Integration Results

RT: 2.02
Area: 9001
Amount: 2030.6446
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:06:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

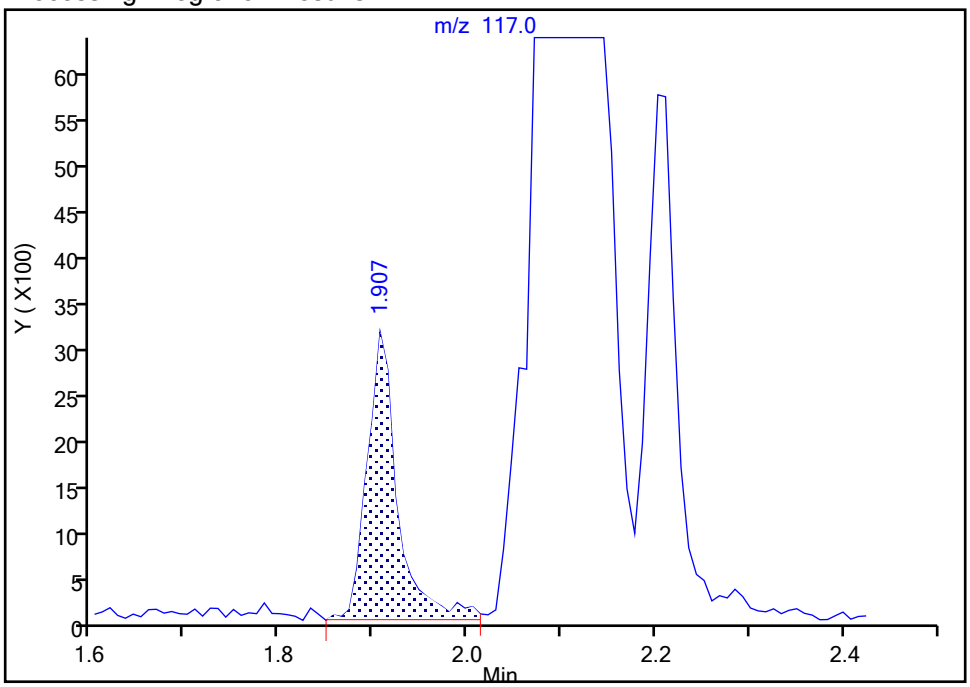
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43689.D
Injection Date: 16-Jan-2025 05:31:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 13 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

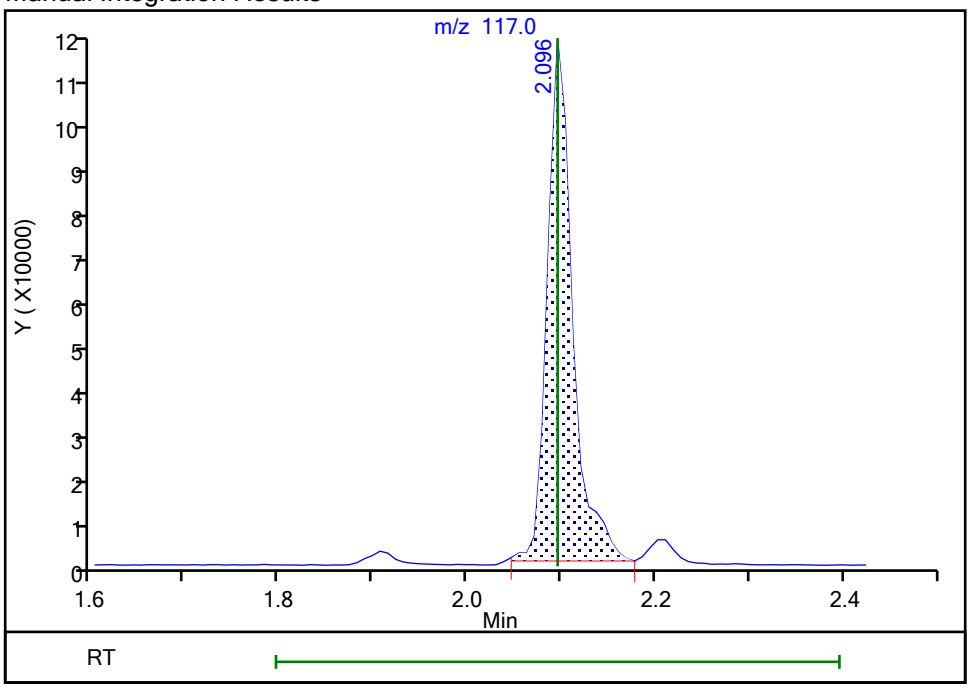
Processing Integration Results

RT: 1.91
Area: 7037
Amount: 3.529042
Amount Units: ug/l




Manual Integration Results

RT: 2.10
Area: 215882
Amount: 57.236641
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:07:04 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

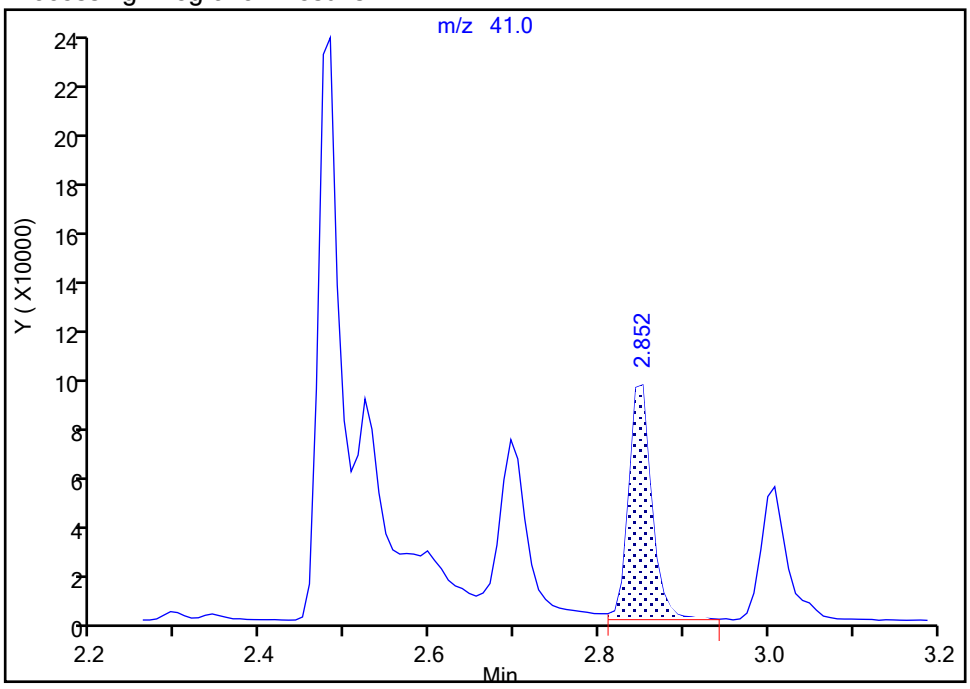
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43689.D
Injection Date: 16-Jan-2025 05:31:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Signal: 1

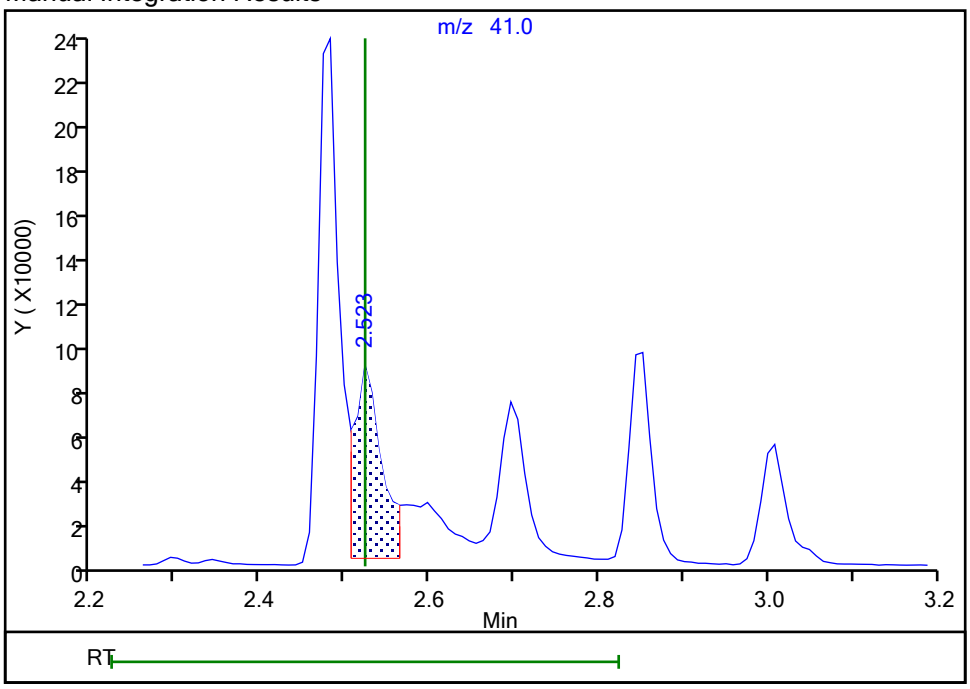
Processing Integration Results

RT: 2.85
Area: 177324
Amount: 476.0331
Amount Units: ug/l




Manual Integration Results

RT: 2.52
Area: 202418
Amount: 525.6933
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:22:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

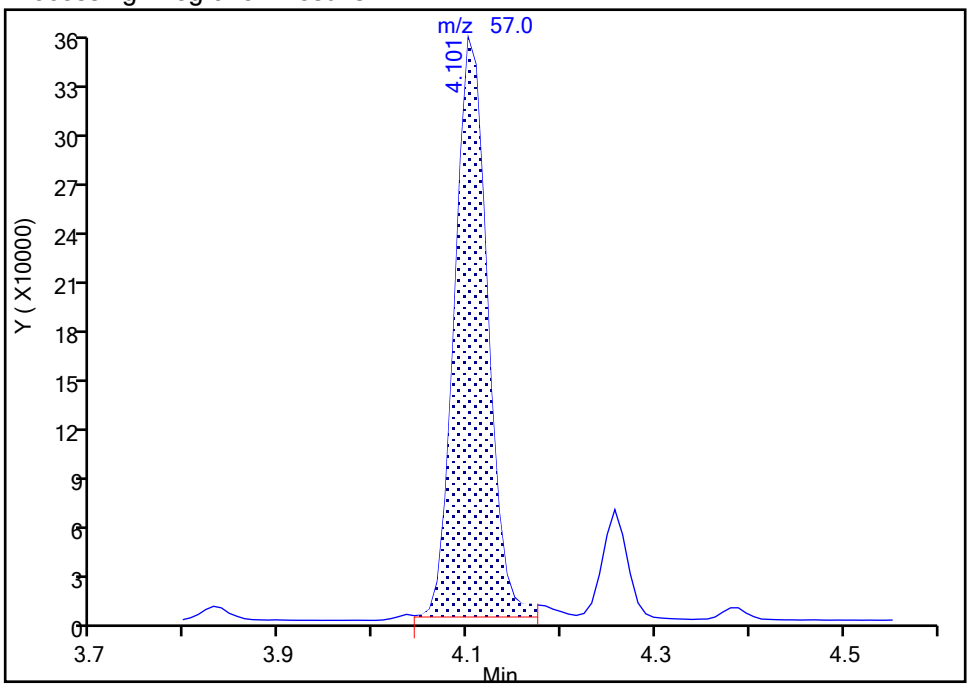
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43689.D
Injection Date: 16-Jan-2025 05:31:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 60 n-Heptane, CAS: 142-82-5

Signal: 1

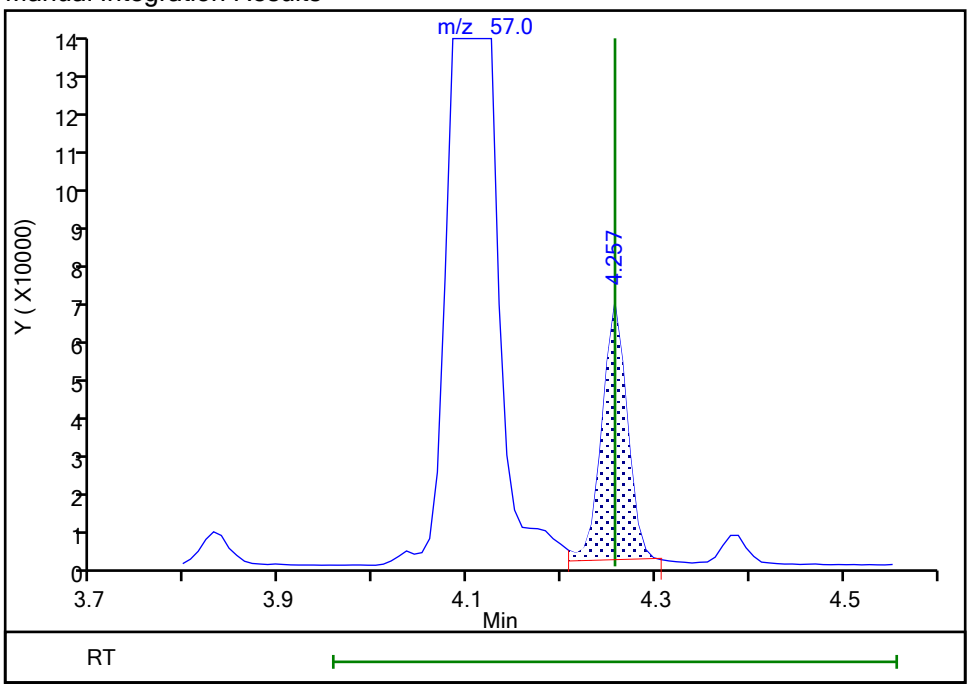
Processing Integration Results

RT: 4.10
Area: 866314
Amount: 137.7501
Amount Units: ug/l




Manual Integration Results

RT: 4.26
Area: 125270
Amount: 56.754168
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:07:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison

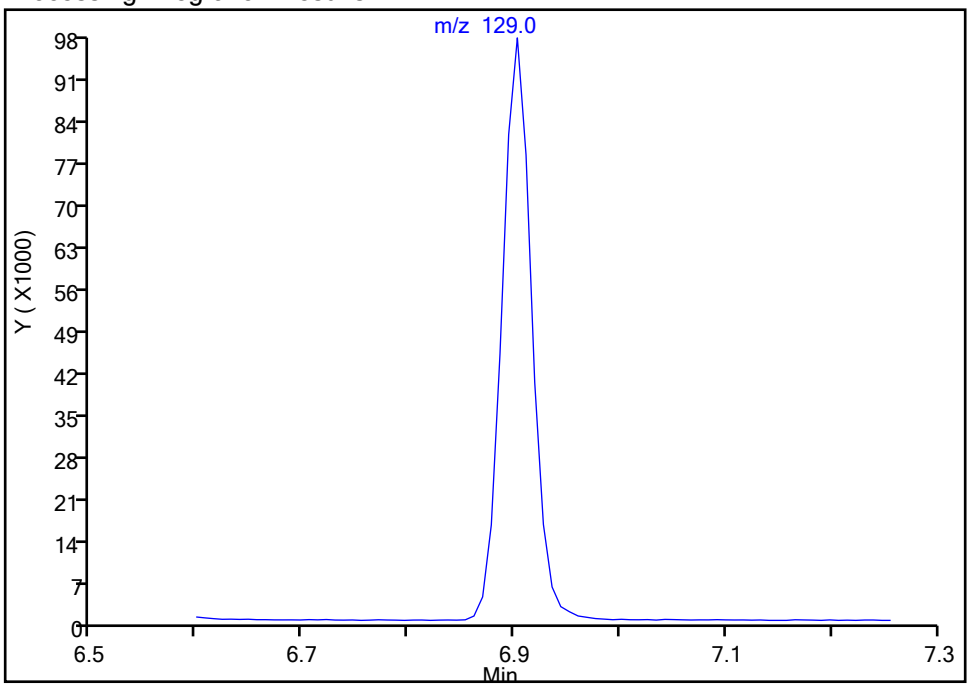
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43689.D
Injection Date: 16-Jan-2025 05:31:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 87 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

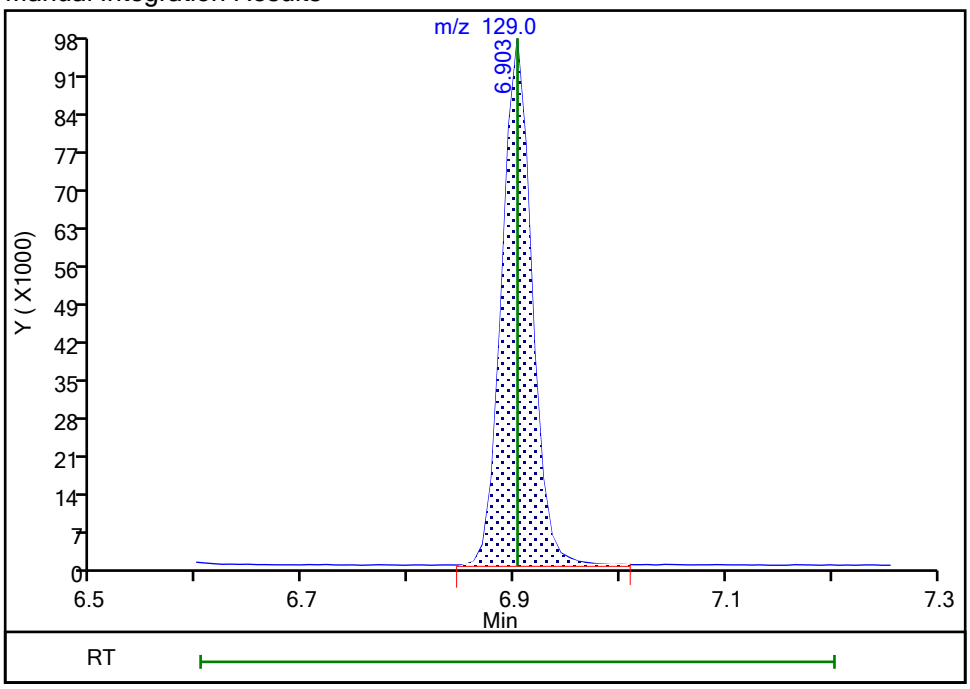
Not Detected
Expected RT: 6.90

Processing Integration Results




Manual Integration Results

RT: 6.90
Area: 192287
Amount: 53.471646
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:07:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

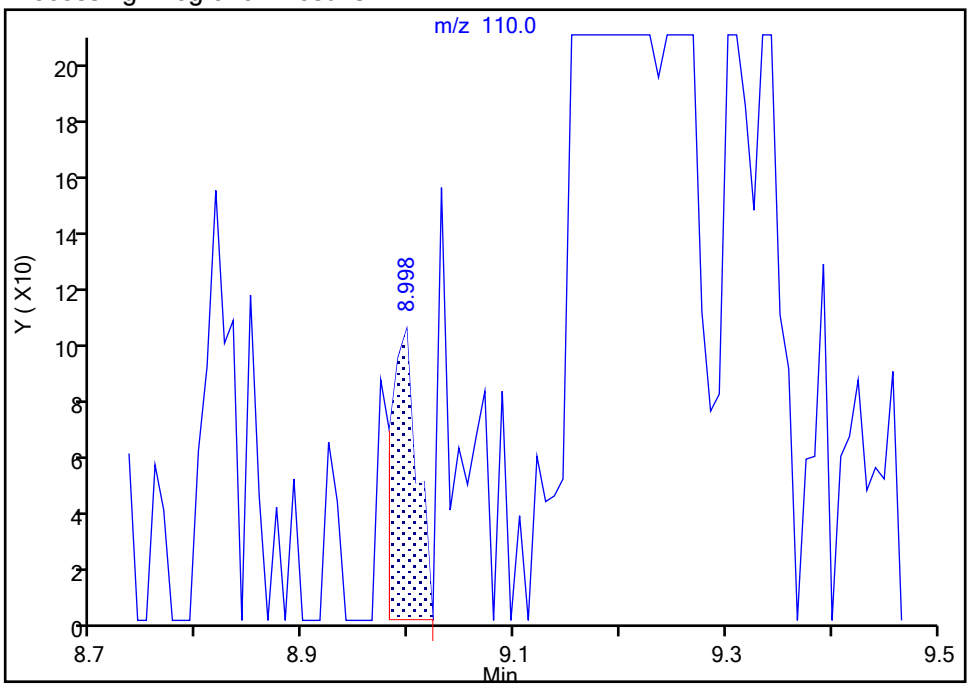
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43689.D
Injection Date: 16-Jan-2025 05:31:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

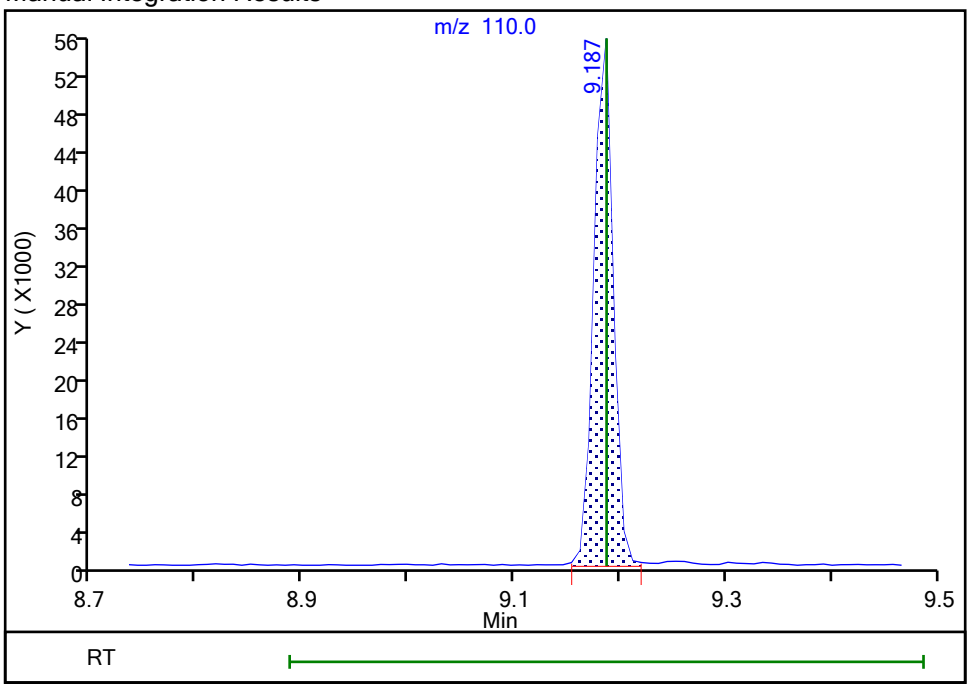
Processing Integration Results

RT: 9.00
Area: 177
Amount: 0.257319
Amount Units: ug/l




Manual Integration Results

RT: 9.19
Area: 70029
Amount: 51.914215
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:07:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43690.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 16-Jan-2025 05:51:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0185847-008
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 14:53:00 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: HVW2 Date: 16-Jan-2025 06:21:12

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.258 | 1.258 | 0.000 | 100 | 1465800 | 200.0 | 236.7 | |
| 2 Chloromethane | 50 | 1.397 | 1.397 | 0.000 | 99 | 1364695 | 200.0 | 206.5 | |
| 3 Vinyl chloride | 62 | 1.471 | 1.471 | 0.000 | 99 | 1161111 | 200.0 | 212.3 | |
| 4 Butadiene | 54 | 1.488 | 1.488 | 0.000 | 97 | 1180929 | 200.0 | 207.8 | |
| 5 Bromomethane | 94 | 1.701 | 1.701 | 0.000 | 99 | 693641 | 200.0 | 188.7 | |
| 6 Chloroethane | 64 | 1.751 | 1.751 | 0.000 | 100 | 683262 | 200.0 | 189.3 | |
| 7 Dichlorofluoromethane | 67 | 1.890 | 1.890 | 0.000 | 99 | 2011825 | 200.0 | 192.9 | |
| 8 Trichlorofluoromethane | 101 | 1.899 | 1.899 | 0.000 | 100 | 1472217 | 200.0 | 217.8 | |
| 9 Pentane | 72 | 1.923 | 1.923 | 0.000 | 93 | 297558 | 400.0 | 383.8 | |
| 10 Ethanol | 46 | 2.014 | 2.014 | 0.000 | 97 | 36356 | 8000.0 | 6961.3 | |
| 11 Ethyl ether | 59 | 2.063 | 2.063 | 0.000 | 95 | 635160 | 200.0 | 175.7 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.088 | 2.088 | 0.000 | 96 | 767661 | 200.0 | 183.3 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.096 | 2.096 | 0.000 | 94 | 773424 | 200.0 | 182.3 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.137 | 2.137 | 0.000 | 94 | 1299576 | 200.0 | 182.6 | |
| 16 Acrolein | 56 | 2.203 | 2.203 | 0.000 | 35 | 116930 | 200.0 | 186.3 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.203 | 2.203 | 0.000 | 97 | 958737 | 200.0 | 192.1 | |
| 17 1,1-Dichloroethene | 96 | 2.236 | 2.236 | 0.000 | 99 | 916422 | 200.0 | 181.7 | |
| 18 Acetone | 43 | 2.293 | 2.293 | 0.000 | 87 | 1114532 | 1000.0 | 923.5 | |
| 19 Isopropyl alcohol | 45 | 2.342 | 2.334 | 0.008 | 98 | 330581 | 2000.0 | 2079.5 | |
| 20 Iodomethane | 142 | 2.359 | 2.359 | 0.000 | 99 | 1675629 | 200.0 | 176.8 | |
| 21 Carbon disulfide | 76 | 2.400 | 2.392 | 0.008 | 99 | 2896233 | 200.0 | 178.2 | |
| 23 3-Chloro-1-propene | 41 | 2.474 | 2.474 | 0.000 | 90 | 1596108 | 200.0 | 188.7 | |
| 22 Methyl acetate | 43 | 2.474 | 2.474 | 0.000 | 75 | 913739 | 400.0 | 323.2 | |
| 24 Cyclopentene | 67 | 2.498 | 2.498 | 0.000 | 94 | 1811652 | 200.0 | 178.7 | |
| 32 Acetonitrile | 41 | 2.523 | 2.523 | 0.000 | 96 | 963338 | 2000.0 | 2123.4 | a |
| * 25 TBA-d9 (IS) | 46 | 2.548 | 2.540 | 0.008 | 98 | 67339 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.572 | 2.572 | 0.000 | 94 | 1068953 | 200.0 | 181.9 | |
| 27 2-Methyl-2-propanol | 59 | 2.605 | 2.597 | 0.008 | 97 | 678164 | 2000.0 | 1993.5 | a |
| 28 Methyl tert-butyl ether | 73 | 2.696 | 2.696 | 0.000 | 97 | 2659221 | 200.0 | 190.2 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.729 | 2.729 | 0.000 | 95 | 982514 | 200.0 | 183.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Acrylonitrile | 53 | 2.778 | 2.778 | 0.000 | 94 | 2765526 | 2000.0 | 1891.2 | |
| 31 Hexane | 43 | 2.844 | 2.844 | 0.000 | 93 | 559589 | 200.0 | 192.9 | |
| 33 Isopropyl ether | 45 | 3.000 | 3.000 | 0.000 | 97 | 2629844 | 200.0 | 192.9 | |
| 34 Vinyl acetate | 86 | 3.041 | 3.041 | 0.000 | 99 | 287185 | 400.0 | 366.3 | |
| 35 1,1-Dichloroethane | 63 | 3.049 | 3.049 | 0.000 | 99 | 1691997 | 200.0 | 187.0 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.082 | 3.082 | 0.000 | 91 | 823479 | 200.0 | 188.3 | |
| 37 Tert-butyl ethyl ether | 59 | 3.263 | 3.263 | 0.000 | 89 | 2920197 | 200.0 | 198.0 | |
| * 38 2-Butanone-d5 | 46 | 3.435 | 3.435 | 0.000 | 85 | 214773 | 250.0 | 250.0 | |
| 39 2,2-Dichloropropane | 97 | 3.460 | 3.460 | 0.000 | 96 | 307470 | 200.0 | 186.7 | |
| 42 2-Butanone (MEK) | 72 | 3.485 | 3.476 | 0.009 | 97 | 384971 | 1000.0 | 902.0 | |
| 40 Ethyl acetate | 70 | 3.476 | 3.476 | 0.000 | 95 | 145527 | 400.0 | 323.3 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.476 | 3.476 | 0.000 | 94 | 1051018 | 200.0 | 186.2 | |
| 43 Methyl acrylate | 55 | 3.526 | 3.526 | 0.000 | 100 | 510063 | 200.0 | 149.8 | |
| 44 Propionitrile | 54 | 3.591 | 3.591 | 0.000 | 98 | 1037352 | 2000.0 | 1760.7 | |
| 45 Chlorobromomethane | 128 | 3.665 | 3.665 | 0.000 | 96 | 491437 | 200.0 | 182.8 | |
| 46 Tetrahydrofuran | 42 | 3.674 | 3.665 | 0.009 | 78 | 504871 | 400.0 | 335.2 | |
| 47 Methacrylonitrile | 67 | 3.682 | 3.682 | 0.000 | 91 | 2762287 | 2000.0 | 1811.6 | |
| 48 Chloroform | 83 | 3.706 | 3.706 | 0.000 | 99 | 1592442 | 200.0 | 183.0 | |
| 49 Cyclohexane | 84 | 3.830 | 3.830 | 0.000 | 90 | 1331051 | 200.0 | 191.7 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.838 | 3.838 | 0.000 | 36 | 141338 | 50.0 | 51.3 | |
| 51 1,1,1-Trichloroethane | 97 | 3.838 | 3.838 | 0.000 | 99 | 1394986 | 200.0 | 182.8 | |
| 52 Carbon tetrachloride | 117 | 3.945 | 3.945 | 0.000 | 99 | 1214510 | 200.0 | 194.4 | |
| 53 1,1-Dichloropropene | 75 | 3.961 | 3.961 | 0.000 | 98 | 1151549 | 200.0 | 181.9 | |
| 54 Isobutyl alcohol | 43 | 4.035 | 4.035 | 0.000 | 95 | 610623 | 5000.0 | 4777.5 | |
| 134 Isooctane | 57 | 4.101 | 4.101 | 0.000 | 0 | 3533216 | 200.0 | 214.9 | |
| 55 Benzene | 78 | 4.134 | 4.134 | 0.000 | 96 | 3226767 | 200.0 | 143.3 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.150 | 0.000 | 87 | 153685 | 50.0 | 51.5 | |
| 57 Isopropyl acetate | 61 | 4.158 | 4.158 | 0.000 | 96 | 276047 | 200.0 | 195.6 | |
| 58 Tert-amyl methyl ether | 73 | 4.175 | 4.175 | 0.000 | 98 | 2897884 | 200.0 | 199.1 | |
| 59 1,2-Dichloroethane | 62 | 4.216 | 4.208 | 0.008 | 97 | 1053795 | 200.0 | 179.9 | |
| 60 n-Heptane | 57 | 4.257 | 4.257 | 0.000 | 91 | 504817 | 200.0 | 203.3 | |
| * 61 Fluorobenzene | 96 | 4.380 | 4.380 | 0.000 | 99 | 495276 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.618 | 4.618 | 0.000 | 86 | 490907 | 5000.0 | 4869.7 | |
| 63 Trichloroethene | 95 | 4.692 | 4.692 | 0.000 | 99 | 866060 | 200.0 | 178.1 | |
| 64 Ethyl acrylate | 55 | 4.807 | 4.799 | 0.008 | 97 | 2015415 | 200.0 | 199.9 | |
| 65 Methylcyclohexane | 83 | 4.807 | 4.807 | 0.000 | 94 | 1592376 | 200.0 | 199.6 | |
| 66 1,2-Dichloropropane | 63 | 4.955 | 4.955 | 0.000 | 93 | 809628 | 200.0 | 184.3 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 4.996 | 0.009 | 68 | 24856 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.005 | 5.005 | 0.000 | 85 | 367286 | 400.0 | 403.0 | |
| 69 1,4-Dioxane | 88 | 5.054 | 5.046 | 0.008 | 30 | 141209 | 4000.0 | 3080.7 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.054 | 0.000 | 97 | 846636 | 200.0 | 203.2 | |
| 71 Dibromomethane | 93 | 5.070 | 5.070 | 0.000 | 97 | 533523 | 200.0 | 178.8 | |
| 72 Dichlorobromomethane | 83 | 5.202 | 5.202 | 0.000 | 100 | 1115156 | 200.0 | 192.3 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.506 | 5.498 | 0.008 | 96 | 429224 | 200.5 | 202.7 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.506 | 0.000 | 89 | 354996 | 400.0 | 387.2 | |
| 75 Epichlorohydrin | 57 | 5.604 | 5.604 | 0.000 | 99 | 1441688 | 4000.0 | 3811.3 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.654 | 5.662 | -0.008 | 91 | 1386263 | 200.0 | 171.7 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.802 | 5.802 | 0.000 | 95 | 3373017 | 1000.0 | 958.8 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.884 | 5.884 | 0.000 | 99 | 499269 | 50.0 | 46.4 | |
| 79 Toluene | 91 | 5.958 | 5.958 | 0.000 | 94 | 3309094 | 200.0 | 162.6 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.278 | 0.000 | 97 | 1171682 | 200.0 | 180.5 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.295 | 0.008 | 89 | 1009847 | 200.0 | 177.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.484 | 0.000 | 97 | 593942 | 200.0 | 174.9 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 96 | 820184 | 200.0 | 162.8 | |
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.681 | 0.000 | 94 | 1161037 | 200.0 | 176.9 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 95 | 2436833 | 1000.0 | 971.9 | |
| 86 n-Butyl acetate | 43 | 6.837 | 6.837 | 0.000 | 99 | 1110213 | 200.0 | 169.4 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.903 | 0.000 | 98 | 829811 | 200.0 | 184.2 | |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.051 | 0.000 | 99 | 749957 | 200.0 | 176.1 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.601 | 0.008 | 86 | 395818 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.642 | 7.642 | 0.000 | 94 | 2423126 | 200.0 | 181.6 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.757 | 0.000 | 98 | 1211361 | 200.0 | 172.8 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.774 | 7.774 | 0.000 | 96 | 929269 | 200.0 | 172.0 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 1524765 | 200.0 | 173.8 | |
| 94 n-Butyl acrylate | 73 | 8.448 | 8.448 | 0.000 | 98 | 768443 | 200.0 | 176.5 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 93 | 1571642 | 200.0 | 165.6 | |
| 96 Styrene | 104 | 8.489 | 8.489 | 0.000 | 95 | 2556377 | 200.0 | 182.4 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 1676469 | 200.0 | 185.0 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 96 | 535034 | 200.0 | 191.9 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 3605023 | 200.0 | 150.5 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 87 | 167553 | 50.0 | 49.0 | |
| 101 Bromobenzene | 156 | 9.105 | 9.105 | 0.000 | 99 | 1081802 | 200.0 | 188.7 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.146 | 0.000 | 98 | 1006982 | 200.0 | 186.2 | |
| 103 N-Propylbenzene | 91 | 9.171 | 9.162 | 0.009 | 99 | 4487206 | 200.0 | 176.8 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.187 | 0.000 | 99 | 281241 | 200.0 | 175.2 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.203 | 0.000 | 82 | 242503 | 200.0 | 239.7 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.253 | 0.000 | 97 | 3299488 | 200.0 | 175.7 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.261 | 0.000 | 97 | 3743511 | 200.0 | 176.8 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.310 | 9.310 | 0.000 | 93 | 3377713 | 200.0 | 170.5 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.343 | 0.000 | 97 | 3193388 | 200.0 | 184.2 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.392 | 0.000 | 90 | 1441097 | 200.0 | 182.9 | |
| 111 tert-Butylbenzene | 119 | 9.532 | 9.532 | 0.000 | 93 | 2864545 | 200.0 | 169.2 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.581 | 9.581 | 0.000 | 97 | 3511248 | 200.0 | 170.5 | |
| 113 sec-Butylbenzene | 105 | 9.688 | 9.688 | 0.000 | 98 | 4136760 | 200.0 | 166.4 | |
| 114 4-Isopropyltoluene | 119 | 9.779 | 9.779 | 0.000 | 97 | 3565764 | 200.0 | 165.7 | |
| 115 1,3-Dichlorobenzene | 146 | 9.787 | 9.787 | 0.000 | 79 | 1938115 | 200.0 | 169.3 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.836 | 9.836 | 0.000 | 96 | 235936 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.844 | 9.844 | 0.000 | 93 | 2057273 | 200.0 | 172.5 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.861 | 9.861 | 0.000 | 98 | 3711309 | 200.0 | 167.5 | |
| 119 Benzyl chloride | 91 | 9.943 | 9.943 | 0.000 | 99 | 2418236 | 200.0 | 201.8 | |
| 120 2,3-Dihydroindene | 117 | 9.984 | 9.984 | 0.000 | 95 | 3614874 | 200.0 | 171.6 | |
| 121 p-Diethylbenzene | 119 | 10.025 | 10.025 | 0.000 | 94 | 2260775 | 200.0 | 168.2 | |
| 122 n-Butylbenzene | 92 | 10.042 | 10.042 | 0.000 | 99 | 1896144 | 200.0 | 163.3 | |
| 123 1,2-Dichlorobenzene | 146 | 10.083 | 10.083 | 0.000 | 95 | 1977428 | 200.0 | 169.2 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.477 | 10.477 | 0.000 | 97 | 3450562 | 200.0 | 149.0 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.543 | 10.551 | -0.008 | 96 | 221697 | 200.0 | 183.1 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.625 | 10.625 | 0.000 | 98 | 1401561 | 200.0 | 141.1 | |
| 127 1,2,4-Trichlorobenzene | 180 | 10.987 | 10.987 | 0.000 | 94 | 1234839 | 200.0 | 147.9 | |
| 128 Hexachlorobutadiene | 225 | 11.044 | 11.052 | -0.008 | 93 | 560919 | 200.0 | 154.1 | |
| 129 Naphthalene | 128 | 11.143 | 11.143 | 0.000 | 99 | 2721695 | 200.0 | 152.3 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.291 | 11.299 | -0.008 | 95 | 1006740 | 200.0 | 144.7 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 369.3 | |
| S 132 Total BTEX | 1 | | | | 0 | | 1000.0 | 818.1 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 400.0 | 339.4 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| Ethanol mix_00097 | Amount Added: | 20.00 | Units: uL | |
| MIX 2 Hi_00157 | Amount Added: | 20.00 | Units: uL | |
| MIX I Hi_00184 | Amount Added: | 20.00 | Units: uL | |
| 7 Freons Hi_00023 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 20.00 | Units: uL | |
| GAS Hi_00487 | Amount Added: | 20.00 | Units: uL | |
| VOA6IS/SURR_00078 | Amount Added: | 5.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 14:53:00 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43690.D

Injection Date: 16-Jan-2025 05:51:30 Instrument ID: CVOAMS6 Operator ID:

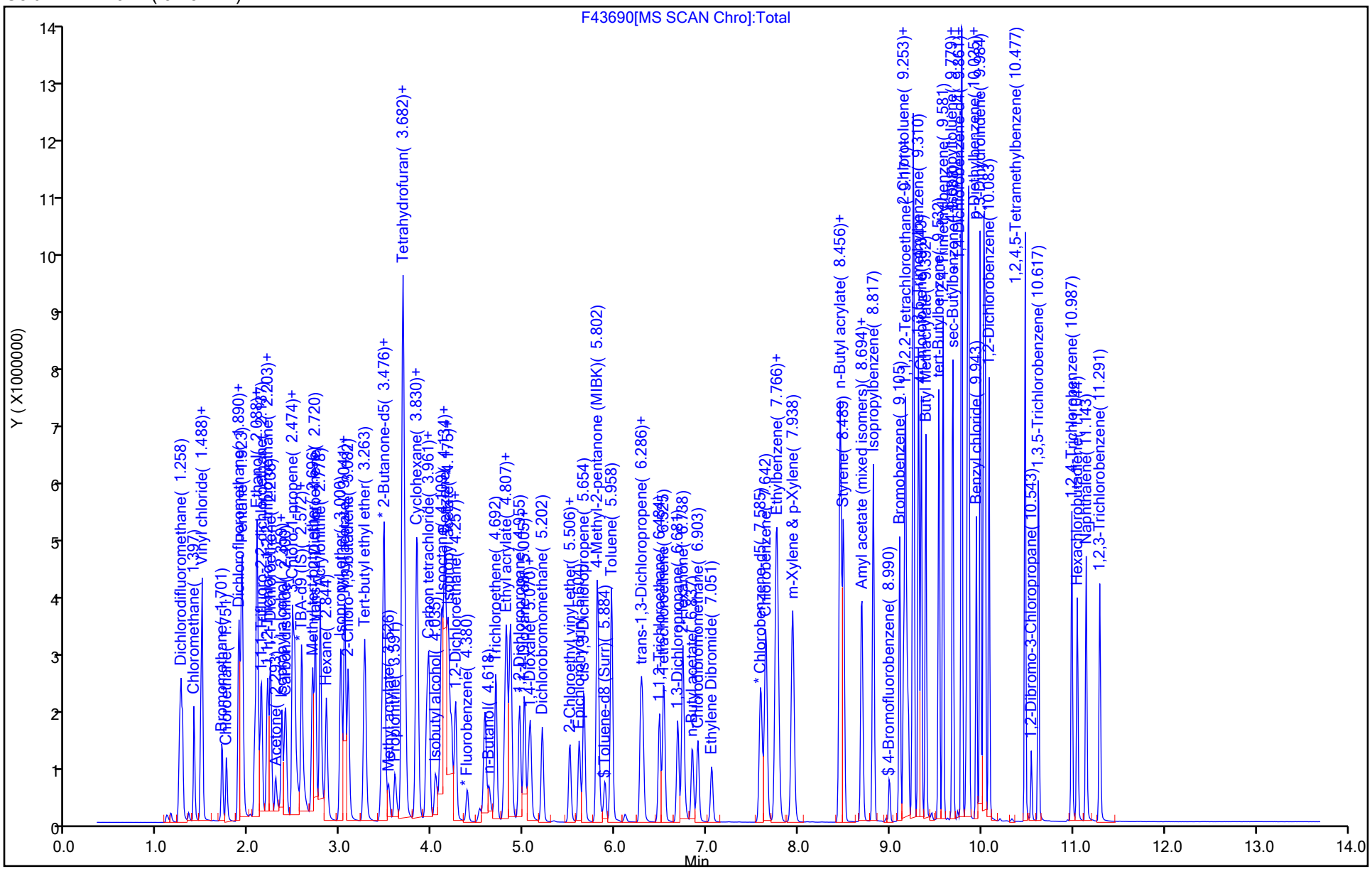
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

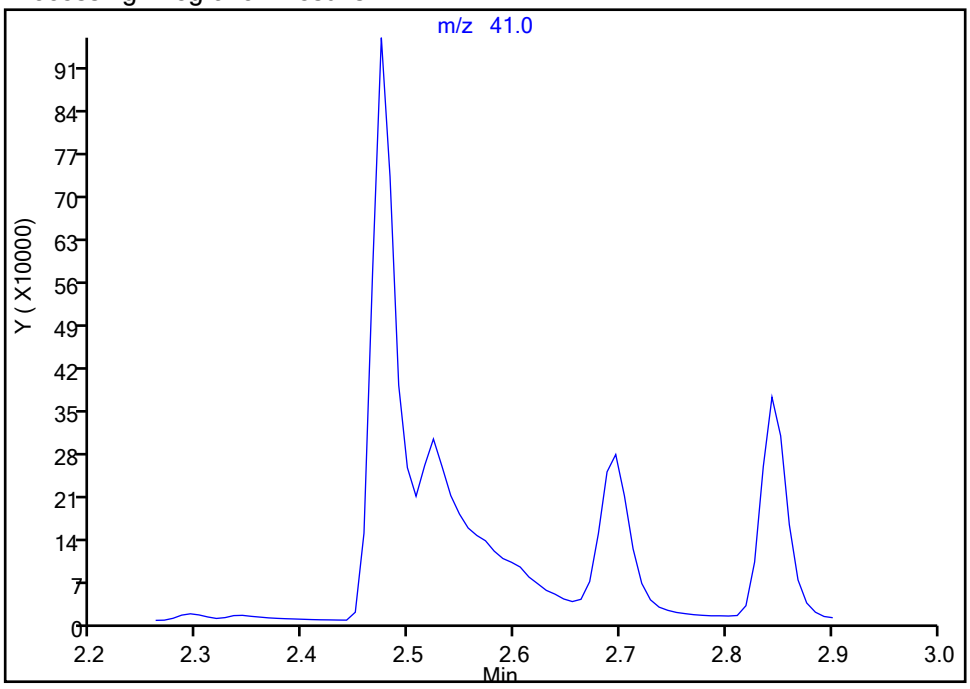
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43690.D
Injection Date: 16-Jan-2025 05:51:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Signal: 1

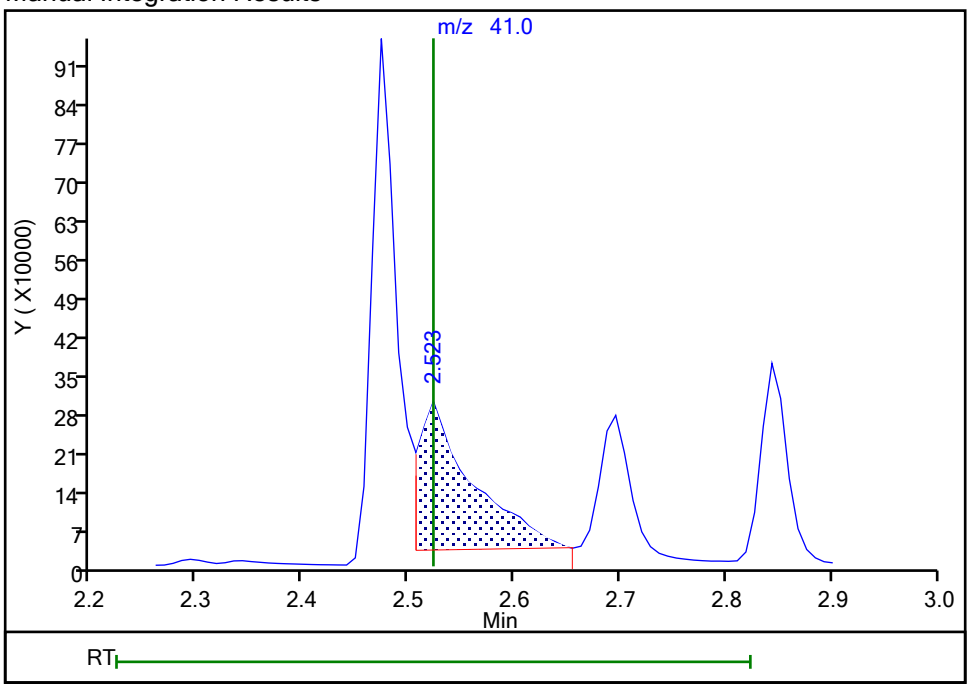
Not Detected
Expected RT: 2.52

Processing Integration Results




Manual Integration Results

RT: 2.52
Area: 963338
Amount: 2123.4126
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:08:54 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

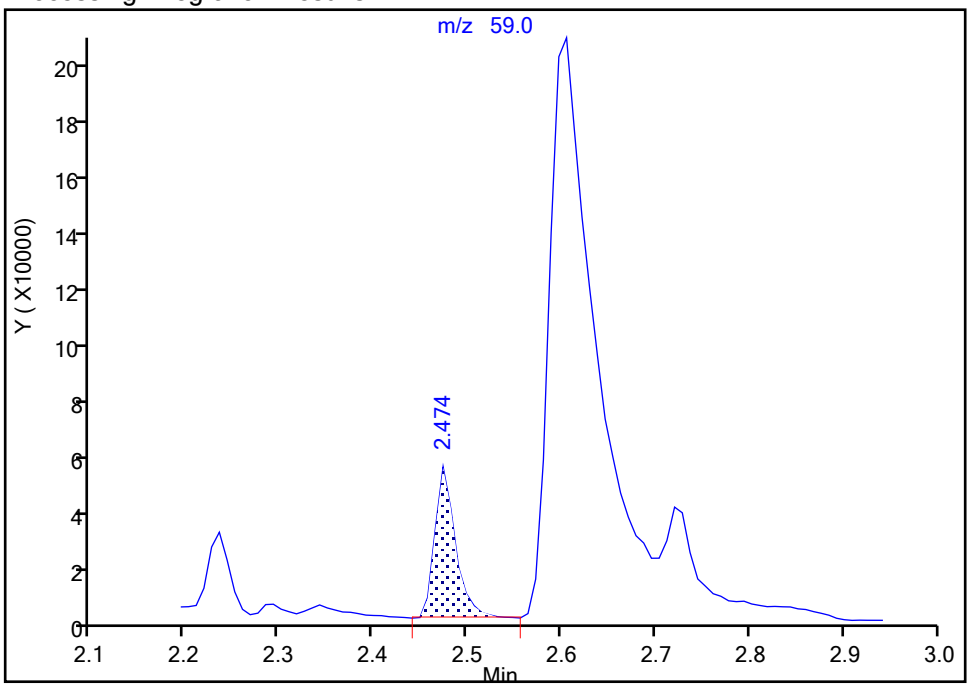
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43690.D
Injection Date: 16-Jan-2025 05:51:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

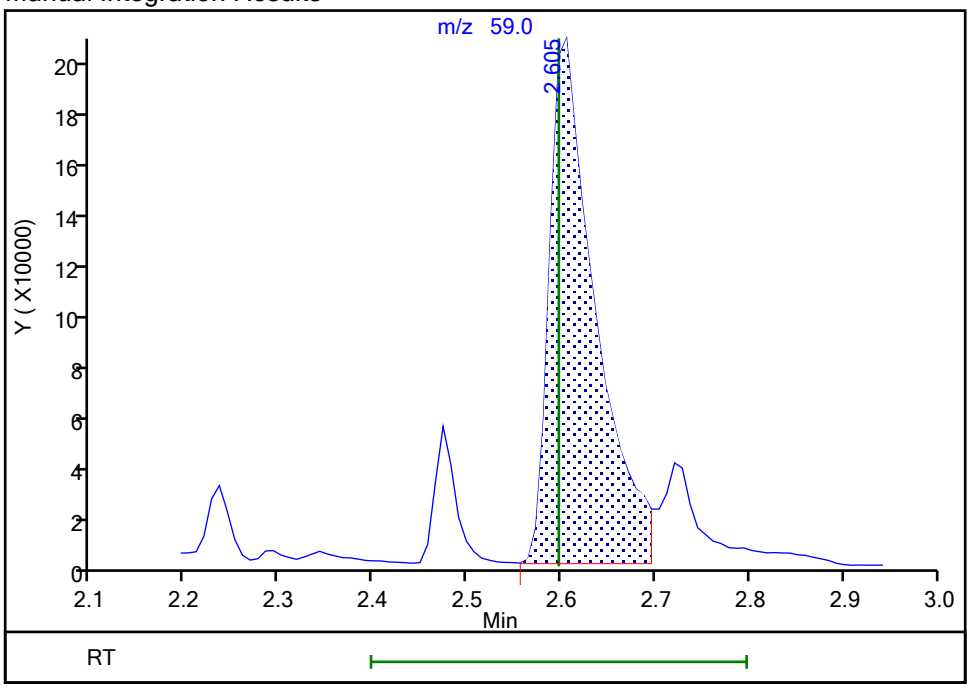
Processing Integration Results

RT: 2.47
Area: 79811
Amount: 316.7268
Amount Units: ug/l




Manual Integration Results

RT: 2.61
Area: 678164
Amount: 1993.5332
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:09:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 16-Jan-2025 06:11:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0185847-009
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 14:53:14 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: HVW2 Date: 16-Jan-2025 06:32:13

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.266 | 1.258 | 0.008 | 99 | 3586280 | 500.0 | 534.8 | |
| 2 Chloromethane | 50 | 1.405 | 1.397 | 0.008 | 99 | 3432424 | 500.0 | 479.5 | |
| 3 Vinyl chloride | 62 | 1.479 | 1.471 | 0.008 | 99 | 2847990 | 500.0 | 480.7 | |
| 4 Butadiene | 54 | 1.496 | 1.488 | 0.008 | 97 | 2901561 | 500.0 | 471.3 | |
| 5 Bromomethane | 94 | 1.718 | 1.701 | 0.017 | 99 | 1628952 | 500.0 | 409.1 | |
| 6 Chloroethane | 64 | 1.759 | 1.751 | 0.008 | 100 | 1618582 | 500.0 | 413.9 | |
| 7 Dichlorofluoromethane | 67 | 1.898 | 1.890 | 0.008 | 99 | 4660686 | 500.0 | 412.6 | |
| 8 Trichlorofluoromethane | 101 | 1.915 | 1.899 | 0.016 | 100 | 3345866 | 500.0 | 456.9 | |
| 9 Pentane | 72 | 1.931 | 1.923 | 0.008 | 92 | 699575 | 1000.0 | 821.3 | |
| 10 Ethanol | 46 | 2.022 | 2.014 | 0.008 | 100 | 81531 | 20000 | 15999 | a |
| 11 Ethyl ether | 59 | 2.071 | 2.063 | 0.008 | 95 | 1559095 | 500.0 | 398.3 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.087 | 2.088 | -0.001 | 96 | 1853569 | 500.0 | 408.6 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.104 | 2.096 | 0.008 | 93 | 2000414 | 500.0 | 435.3 | a |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.145 | 2.137 | 0.008 | 94 | 3309283 | 500.0 | 429.4 | |
| 16 Acrolein | 56 | 2.202 | 2.203 | -0.001 | 96 | 224366 | 400.0 | 366.3 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.211 | 2.203 | 0.008 | 98 | 2404358 | 500.0 | 444.8 | |
| 17 1,1-Dichloroethene | 96 | 2.244 | 2.236 | 0.008 | 98 | 2271364 | 500.0 | 415.8 | |
| 18 Acetone | 43 | 2.293 | 2.293 | 0.000 | 87 | 2602412 | 2500.0 | 2209.8 | |
| 19 Isopropyl alcohol | 45 | 2.350 | 2.334 | 0.016 | 98 | 580983 | 5000.0 | 3745.3 | |
| 20 Iodomethane | 142 | 2.367 | 2.359 | 0.008 | 100 | 4131103 | 500.0 | 402.4 | |
| 21 Carbon disulfide | 76 | 2.408 | 2.392 | 0.016 | 99 | 7141973 | 500.0 | 405.6 | |
| 23 3-Chloro-1-propene | 41 | 2.482 | 2.474 | 0.008 | 90 | 3999188 | 500.0 | 436.5 | |
| 22 Methyl acetate | 43 | 2.482 | 2.474 | 0.008 | 75 | 2526043 | 1000.0 | 915.7 | |
| 24 Cyclopentene | 67 | 2.507 | 2.498 | 0.009 | 94 | 4363207 | 500.0 | 397.3 | |
| 32 Acetonitrile | 41 | 2.531 | 2.523 | 0.008 | 97 | 1703295 | 5000.0 | 3847.6 | Ma |
| * 25 TBA-d9 (IS) | 46 | 2.548 | 2.540 | 0.008 | 95 | 65709 | 1000.0 | 1000.0 | M |
| 26 Methylene Chloride | 84 | 2.580 | 2.572 | 0.008 | 91 | 2607407 | 500.0 | 409.7 | |
| 27 2-Methyl-2-propanol | 59 | 2.605 | 2.597 | 0.008 | 98 | 1493761 | 5000.0 | 4500.0 | a |
| 28 Methyl tert-butyl ether | 73 | 2.704 | 2.696 | 0.008 | 97 | 6528093 | 500.0 | 431.0 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.728 | 2.729 | -0.001 | 96 | 2397395 | 500.0 | 412.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Acrylonitrile | 53 | 2.786 | 2.778 | 0.008 | 93 | 6781267 | 5000.0 | 4281.6 | |
| 31 Hexane | 43 | 2.852 | 2.844 | 0.008 | 93 | 1435703 | 500.0 | 456.8 | |
| 33 Isopropyl ether | 45 | 3.008 | 3.000 | 0.008 | 97 | 6438674 | 500.0 | 436.0 | |
| 34 Vinyl acetate | 86 | 3.049 | 3.041 | 0.008 | 99 | 771914 | 1000.0 | 909.1 | |
| 35 1,1-Dichloroethane | 63 | 3.049 | 3.049 | 0.000 | 99 | 4163845 | 500.0 | 424.9 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.090 | 3.082 | 0.008 | 91 | 2053556 | 500.0 | 433.6 | |
| 37 Tert-butyl ethyl ether | 59 | 3.271 | 3.263 | 0.008 | 90 | 7047875 | 500.0 | 441.3 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.435 | 0.008 | 83 | 235973 | 250.0 | 250.0 | |
| 39 2,2-Dichloropropane | 97 | 3.460 | 3.460 | 0.000 | 96 | 707296 | 500.0 | 396.6 | |
| 40 Ethyl acetate | 70 | 3.476 | 3.476 | 0.000 | 94 | 390049 | 1000.0 | 888.1 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.476 | 3.476 | 0.000 | 93 | 2584648 | 500.0 | 422.9 | |
| 42 2-Butanone (MEK) | 72 | 3.484 | 3.476 | 0.008 | 100 | 1037081 | 2500.0 | 2211.6 | |
| 43 Methyl acrylate | 55 | 3.534 | 3.526 | 0.008 | 100 | 1476670 | 500.0 | 392.1 | |
| 44 Propionitrile | 54 | 3.599 | 3.591 | 0.008 | 98 | 2647153 | 5000.0 | 4604.6 | |
| 45 Chlorobromomethane | 128 | 3.673 | 3.665 | 0.008 | 91 | 1201125 | 500.0 | 412.5 | |
| 46 Tetrahydrofuran | 42 | 3.673 | 3.665 | 0.008 | 75 | 1314645 | 1000.0 | 894.4 | |
| 47 Methacrylonitrile | 67 | 3.690 | 3.682 | 0.008 | 91 | 6862945 | 5000.0 | 4155.6 | |
| 48 Chloroform | 83 | 3.714 | 3.706 | 0.008 | 99 | 3949597 | 500.0 | 419.1 | |
| 49 Cyclohexane | 84 | 3.838 | 3.830 | 0.008 | 91 | 3325909 | 500.0 | 442.3 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.846 | 3.838 | 0.008 | 31 | 141341 | 50.0 | 47.4 | |
| 51 1,1,1-Trichloroethane | 97 | 3.846 | 3.838 | 0.008 | 98 | 3466233 | 500.0 | 419.4 | |
| 52 Carbon tetrachloride | 117 | 3.944 | 3.945 | -0.001 | 99 | 3110252 | 500.0 | 459.5 | |
| 53 1,1-Dichloropropene | 75 | 3.969 | 3.961 | 0.008 | 97 | 3124165 | 500.0 | 455.6 | |
| 54 Isobutyl alcohol | 43 | 4.043 | 4.035 | 0.008 | 96 | 1349191 | 12500 | 10818 | |
| 134 Isooctane | 57 | 4.109 | 4.101 | 0.008 | 0 | 8541750 | 500.0 | 479.7 | |
| 55 Benzene | 78 | 4.142 | 4.134 | 0.008 | 96 | 8150213 | 500.0 | 327.1 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.150 | 0.000 | 80 | 171590 | 50.0 | 53.1 | M |
| 57 Isopropyl acetate | 61 | 4.166 | 4.158 | 0.008 | 96 | 705844 | 500.0 | 464.5 | |
| 58 Tert-amyl methyl ether | 73 | 4.183 | 4.175 | 0.008 | 93 | 7081804 | 500.0 | 449.3 | |
| 59 1,2-Dichloroethane | 62 | 4.216 | 4.208 | 0.008 | 97 | 2883696 | 500.0 | 454.5 | |
| 60 n-Heptane | 57 | 4.257 | 4.257 | 0.000 | 91 | 1199369 | 500.0 | 445.9 | a |
| * 61 Fluorobenzene | 96 | 4.388 | 4.380 | 0.008 | 99 | 536432 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.626 | 4.618 | 0.008 | 87 | 1225643 | 12500 | 12460 | |
| 63 Trichloroethene | 95 | 4.700 | 4.692 | 0.008 | 99 | 2448701 | 500.0 | 465.1 | |
| 64 Ethyl acrylate | 55 | 4.799 | 4.799 | 0.000 | 99 | 5462353 | 500.0 | 500.2 | |
| 65 Methylcyclohexane | 83 | 4.815 | 4.807 | 0.008 | 94 | 3998633 | 500.0 | 462.7 | |
| 66 1,2-Dichloropropane | 63 | 4.955 | 4.955 | 0.000 | 92 | 2308006 | 500.0 | 485.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.078 | 4.996 | 0.082 | 43 | 32192 | 1000.0 | 1000.0 | M |
| 68 Methyl methacrylate | 100 | 5.013 | 5.005 | 0.008 | 85 | 1022543 | 1000.0 | 1035.8 | |
| 69 1,4-Dioxane | 88 | 5.054 | 5.046 | 0.008 | 28 | 330746 | 10000 | 5571.5 | a |
| 70 n-Propyl acetate | 43 | 5.054 | 5.054 | 0.000 | 97 | 2367569 | 500.0 | 524.8 | |
| 71 Dibromomethane | 93 | 5.078 | 5.070 | 0.008 | 97 | 1490895 | 500.0 | 461.2 | |
| 72 Dichlorobromomethane | 83 | 5.202 | 5.202 | 0.000 | 100 | 3184435 | 500.0 | 507.1 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.506 | 5.498 | 0.008 | 90 | 1301951 | 501.2 | 567.6 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.506 | 0.000 | 95 | 1020371 | 1000.0 | 1027.6 | |
| 75 Epichlorohydrin | 57 | 5.613 | 5.604 | 0.009 | 99 | 3953224 | 10000 | 10710 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 92 | 4037335 | 500.0 | 452.1 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.810 | 5.802 | 0.008 | 95 | 8845052 | 2500.0 | 2288.4 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.884 | 0.008 | 98 | 552560 | 50.0 | 46.4 | |
| 79 Toluene | 91 | 5.966 | 5.958 | 0.008 | 94 | 8977554 | 500.0 | 398.6 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.278 | 0.000 | 99 | 3560444 | 500.0 | 495.9 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.295 | 0.008 | 89 | 2899569 | 500.0 | 461.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.484 | 0.000 | 96 | 1740665 | 500.0 | 463.2 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 95 | 2290821 | 500.0 | 411.1 | |
| 84 1,3-Dichloropropane | 76 | 6.689 | 6.681 | 0.008 | 93 | 3472110 | 500.0 | 478.2 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 94 | 6502866 | 2500.0 | 2360.6 | |
| 86 n-Butyl acetate | 43 | 6.845 | 6.837 | 0.008 | 98 | 3106451 | 500.0 | 428.4 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.903 | 0.000 | 98 | 2468799 | 500.0 | 495.3 | |
| 88 Ethylene Dibromide | 107 | 7.059 | 7.051 | 0.008 | 98 | 2178796 | 500.0 | 462.5 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.601 | 0.008 | 87 | 437902 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.650 | 7.642 | 0.008 | 93 | 6636653 | 500.0 | 449.5 | |
| 91 Ethylbenzene | 106 | 7.765 | 7.757 | 0.008 | 98 | 3292335 | 500.0 | 424.6 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.782 | 7.774 | 0.008 | 96 | 2412259 | 500.0 | 403.6 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 4109269 | 500.0 | 423.4 | |
| 94 n-Butyl acrylate | 73 | 8.456 | 8.448 | 0.008 | 97 | 1947489 | 500.0 | 404.3 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 94 | 3885873 | 500.0 | 370.1 | |
| 96 Styrene | 104 | 8.497 | 8.489 | 0.008 | 94 | 6573595 | 500.0 | 424.0 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.694 | 8.686 | 0.008 | 92 | 4038240 | 500.0 | 487.3 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 95 | 1516521 | 500.0 | 491.7 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 97 | 8390725 | 500.0 | 316.5 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 88 | 182987 | 50.0 | 48.4 | |
| 101 Bromobenzene | 156 | 9.113 | 9.105 | 0.008 | 99 | 2744963 | 500.0 | 523.7 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.146 | 0.000 | 98 | 2689801 | 500.0 | 543.8 | |
| 103 N-Propylbenzene | 91 | 9.170 | 9.162 | 0.008 | 99 | 10065344 | 500.0 | 433.7 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.187 | 0.000 | 98 | 755606 | 500.0 | 514.8 | a |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.203 | 0.000 | 83 | 765195 | 500.0 | 827.0 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.253 | 0.000 | 97 | 7479829 | 500.0 | 435.6 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.261 | 0.000 | 95 | 8076694 | 500.0 | 417.1 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.318 | 9.310 | 0.008 | 94 | 7454949 | 500.0 | 411.6 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.343 | 0.000 | 97 | 7298896 | 500.0 | 460.5 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.392 | 0.000 | 90 | 3061434 | 500.0 | 424.9 | |
| 111 tert-Butylbenzene | 119 | 9.540 | 9.532 | 0.008 | 92 | 6347273 | 500.0 | 410.0 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.581 | 9.581 | 0.000 | 98 | 7459661 | 500.0 | 396.1 | |
| 113 sec-Butylbenzene | 105 | 9.688 | 9.688 | 0.000 | 97 | 8647401 | 500.0 | 380.4 | |
| 114 4-Isopropyltoluene | 119 | 9.787 | 9.779 | 0.008 | 95 | 6916482 | 500.0 | 351.6 | |
| 115 1,3-Dichlorobenzene | 146 | 9.787 | 9.787 | 0.000 | 77 | 3971702 | 500.0 | 379.4 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.836 | 9.836 | 0.000 | 96 | 215734 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.852 | 9.844 | 0.008 | 91 | 4298873 | 500.0 | 394.2 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.869 | 9.861 | 0.008 | 98 | 7275640 | 500.0 | 359.2 | |
| 119 Benzyl chloride | 91 | 9.951 | 9.943 | 0.008 | 99 | 5293608 | 500.0 | 483.1 | |
| 120 2,3-Dihydroindene | 117 | 9.992 | 9.984 | 0.008 | 94 | 7055279 | 500.0 | 366.3 | |
| 121 p-Diethylbenzene | 119 | 10.033 | 10.025 | 0.008 | 94 | 4329987 | 500.0 | 352.3 | |
| 122 n-Butylbenzene | 92 | 10.041 | 10.042 | -0.001 | 95 | 3733532 | 500.0 | 351.7 | |
| 123 1,2-Dichlorobenzene | 146 | 10.091 | 10.083 | 0.008 | 93 | 4097650 | 500.0 | 383.5 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.485 | 10.477 | 0.008 | 98 | 6017441 | 500.0 | 284.3 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.559 | 10.551 | 0.008 | 97 | 491362 | 500.0 | 443.9 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.633 | 10.625 | 0.008 | 97 | 2446024 | 500.0 | 269.3 | |
| 127 1,2,4-Trichlorobenzene | 180 | 10.995 | 10.987 | 0.008 | 95 | 2184887 | 500.0 | 286.1 | |
| 128 Hexachlorobutadiene | 225 | 11.060 | 11.052 | 0.008 | 94 | 1033988 | 500.0 | 310.6 | |
| 129 Naphthalene | 128 | 11.151 | 11.143 | 0.008 | 99 | 4913563 | 500.0 | 300.7 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.307 | 11.299 | 0.008 | 96 | 1793423 | 500.0 | 281.8 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 835.2 | |
| S 132 Total BTEX | 1 | | | | 0 | | 2500.0 | 1943.8 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 793.5 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| Ethanol mix_00097 | Amount Added: | 50.00 | Units: uL | |
| MIX 2 Hi_00157 | Amount Added: | 50.00 | Units: uL | |
| MIX I Hi_00184 | Amount Added: | 50.00 | Units: uL | |
| 7 Freons Hi_00023 | Amount Added: | 50.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 40.00 | Units: uL | |
| GAS Hi_00487 | Amount Added: | 50.00 | Units: uL | |
| VOA6IS/SURR_00078 | Amount Added: | 5.00 | Units: uL | Run Reagent |

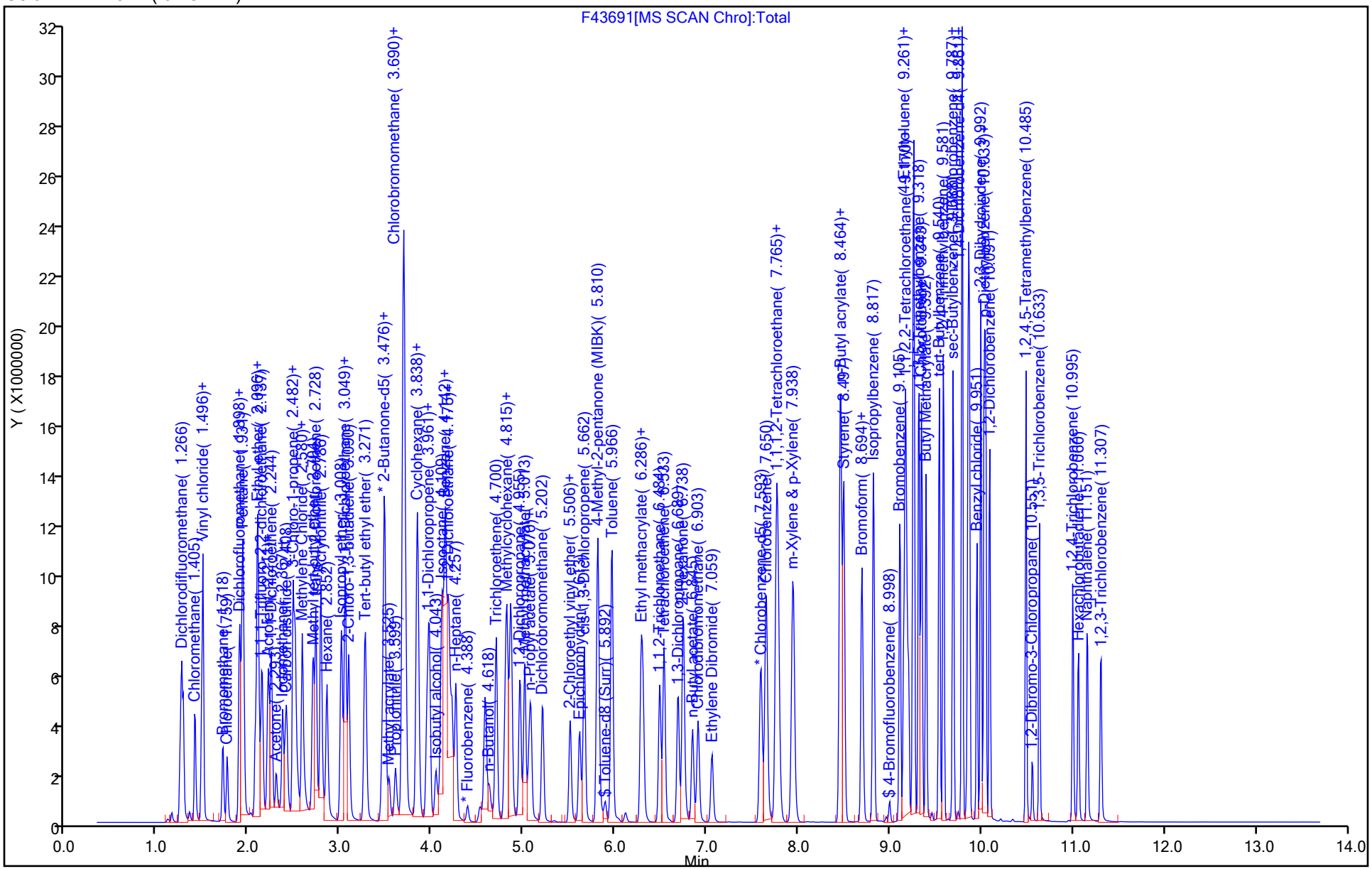
Report Date: 17-Jan-2025 14:53:15 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Jan-2025 06:11:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | STD500 | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

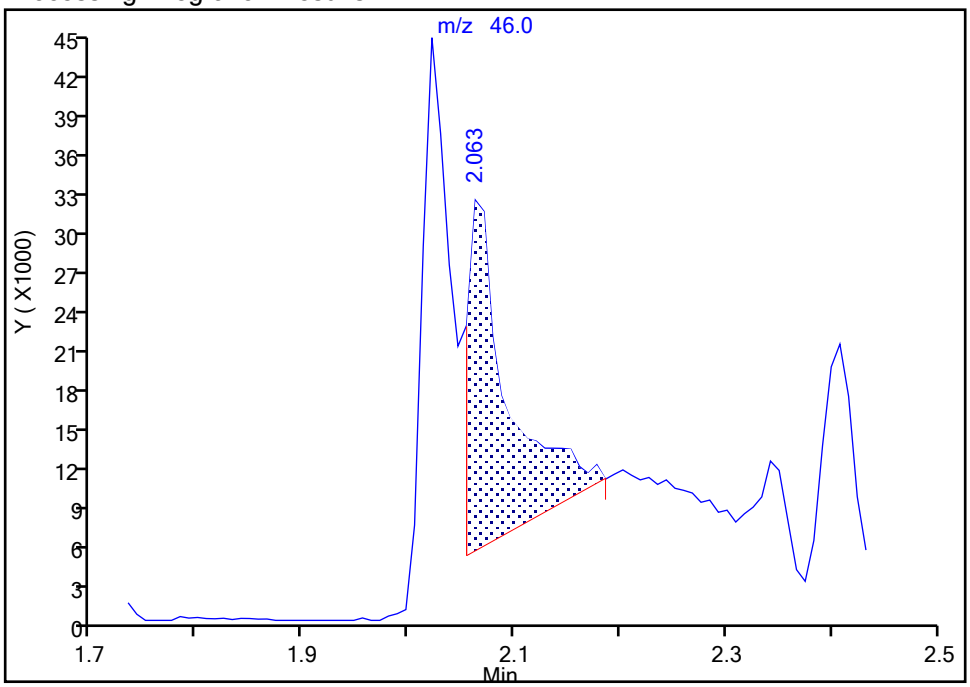
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Ethanol, CAS: 64-17-5

Signal: 1

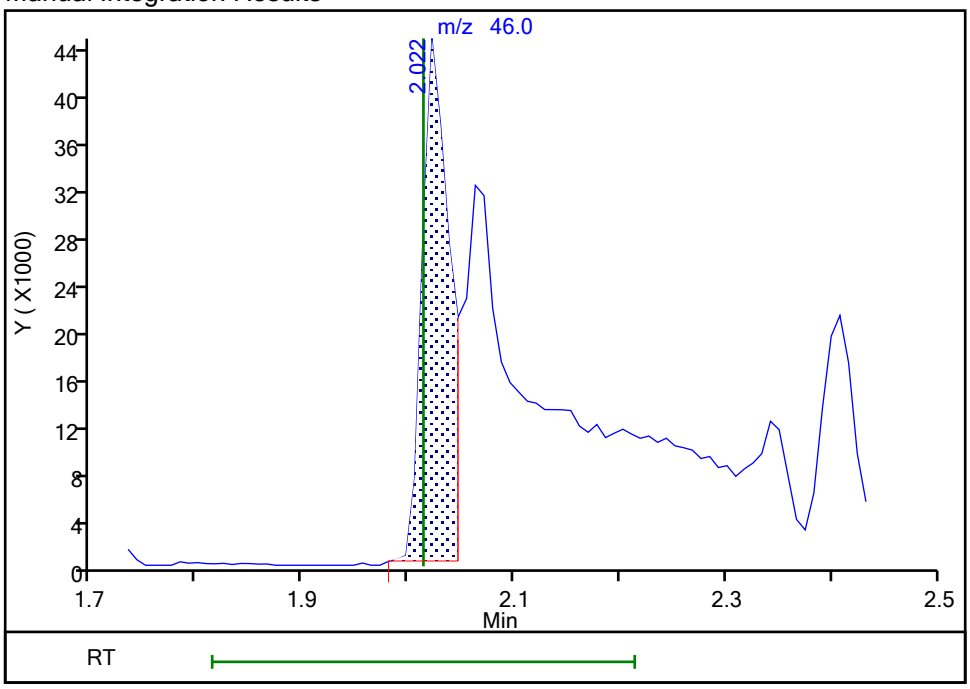
Processing Integration Results

RT: 2.06
Area: 72517
Amount: 20032
Amount Units: ug/l




Manual Integration Results

RT: 2.02
Area: 81531
Amount: 15999
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:10:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

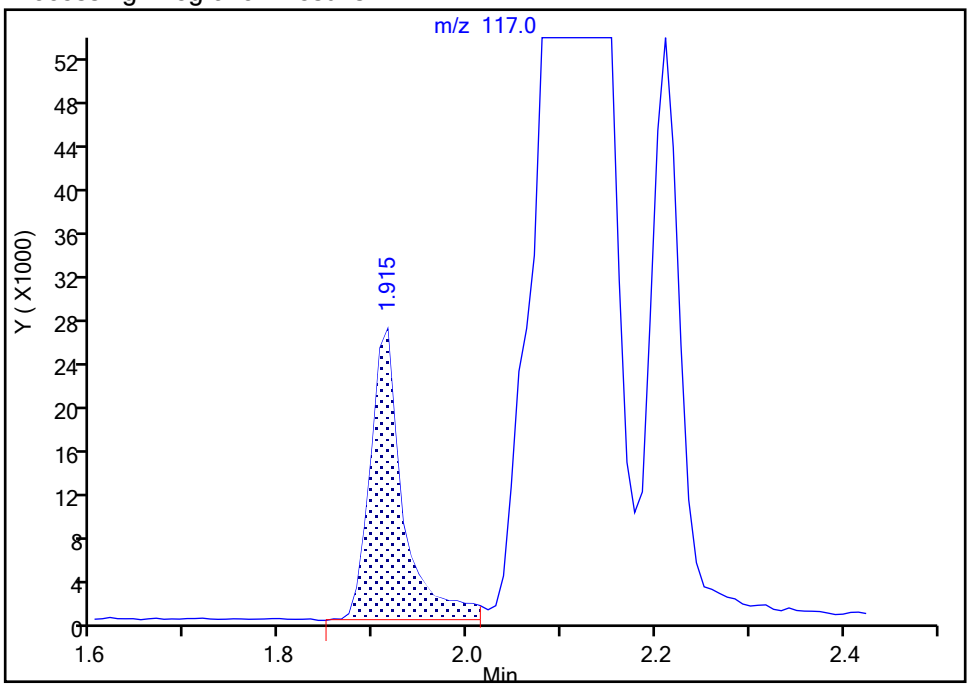
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 13 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

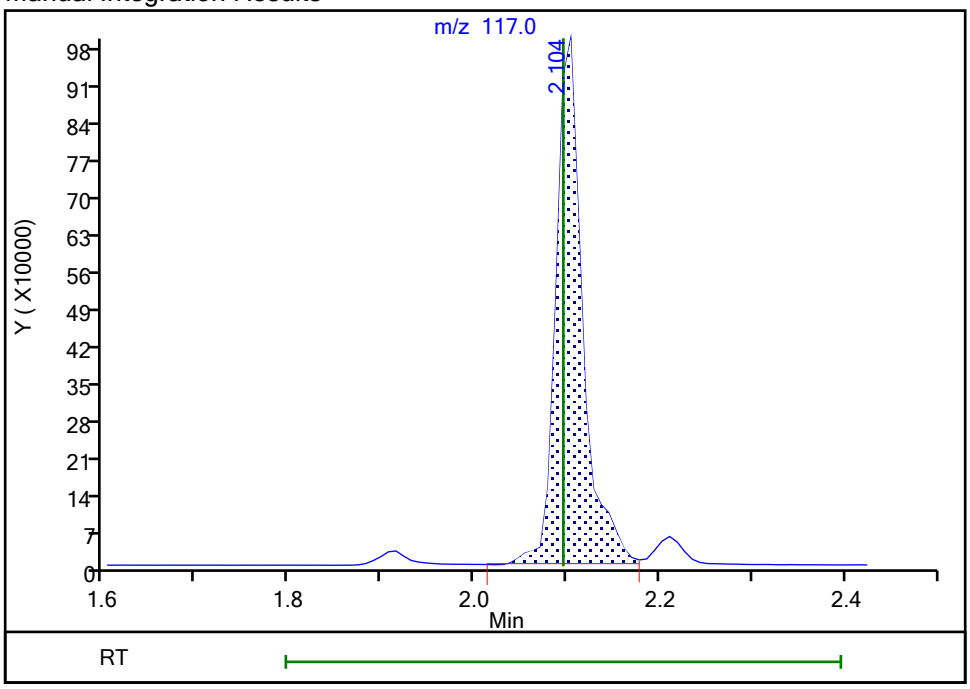
Processing Integration Results

RT: 1.91
Area: 65448
Amount: 16.565473
Amount Units: ug/l




Manual Integration Results

RT: 2.10
Area: 2000414
Amount: 435.2646
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:10:47 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

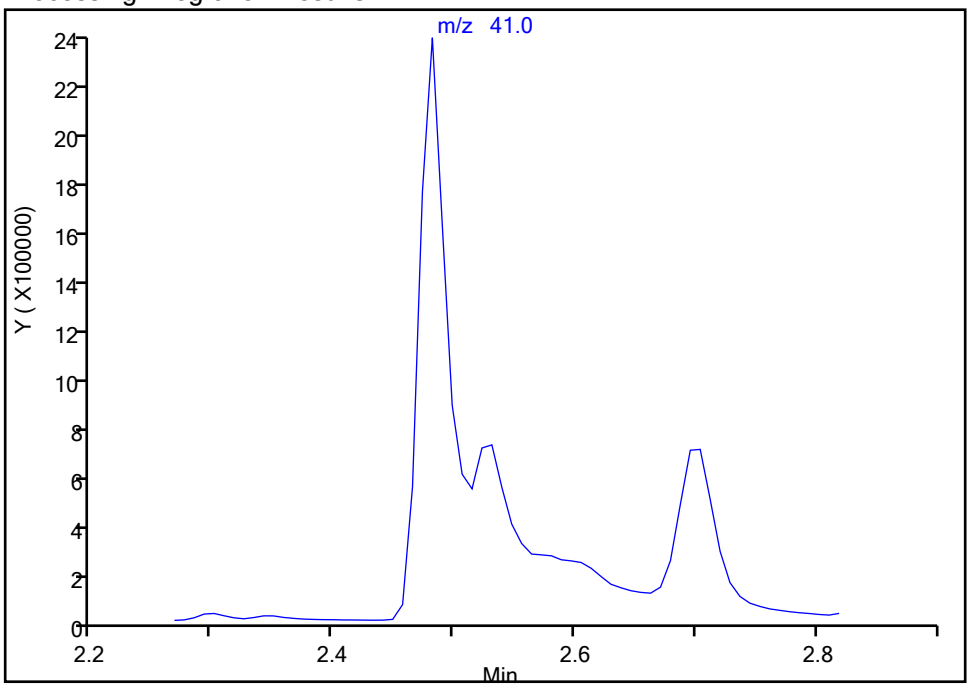
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Signal: 1

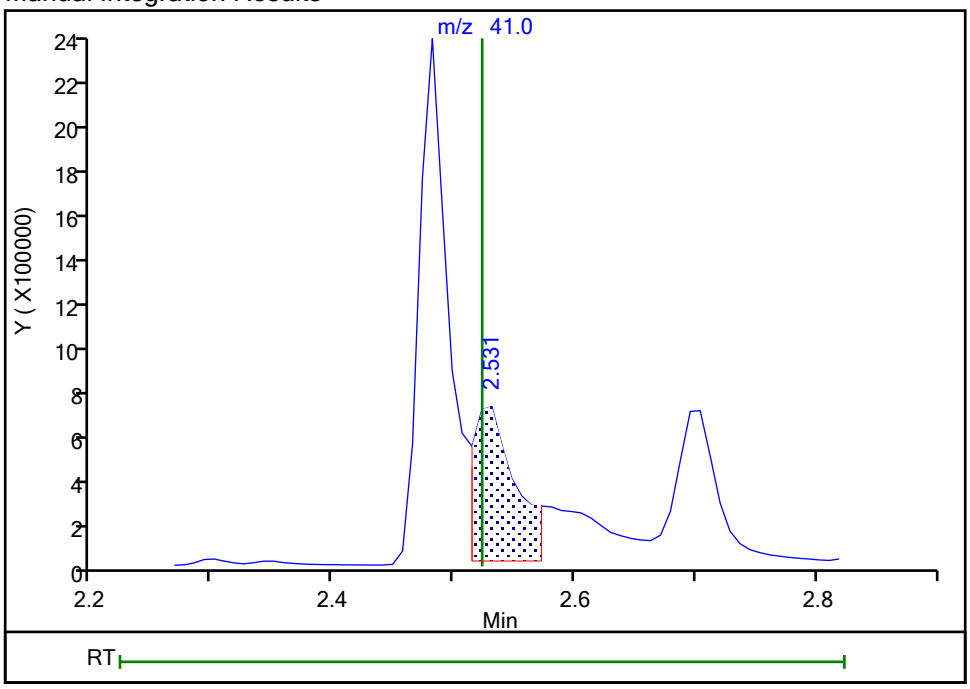
Not Detected
Expected RT: 2.52

Processing Integration Results




Manual Integration Results

RT: 2.53
Area: 1703295
Amount: 3847.5774
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:23:20 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

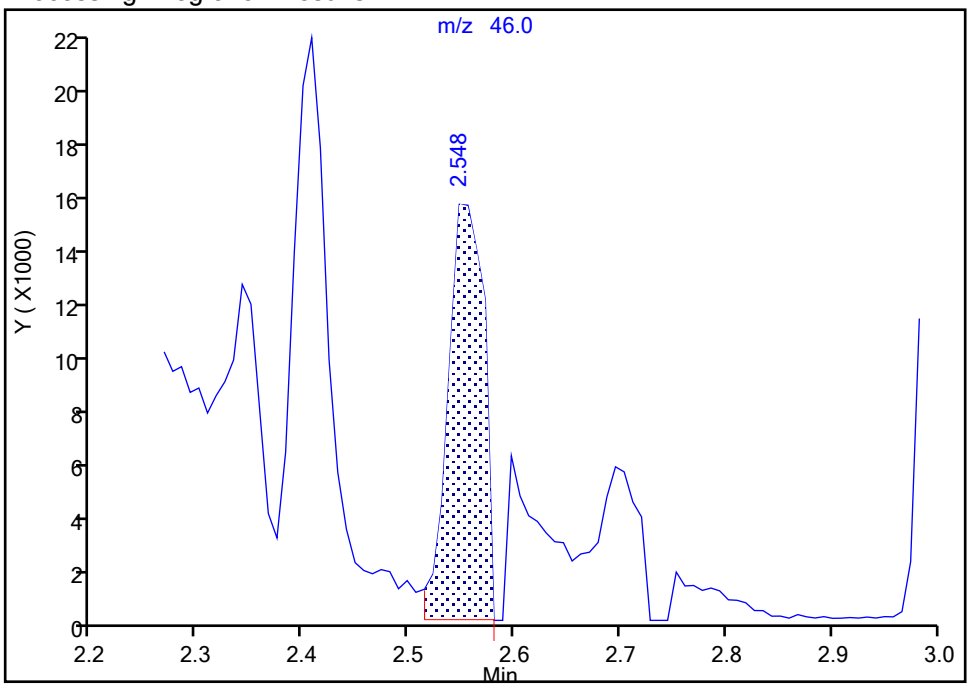
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## * 25 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

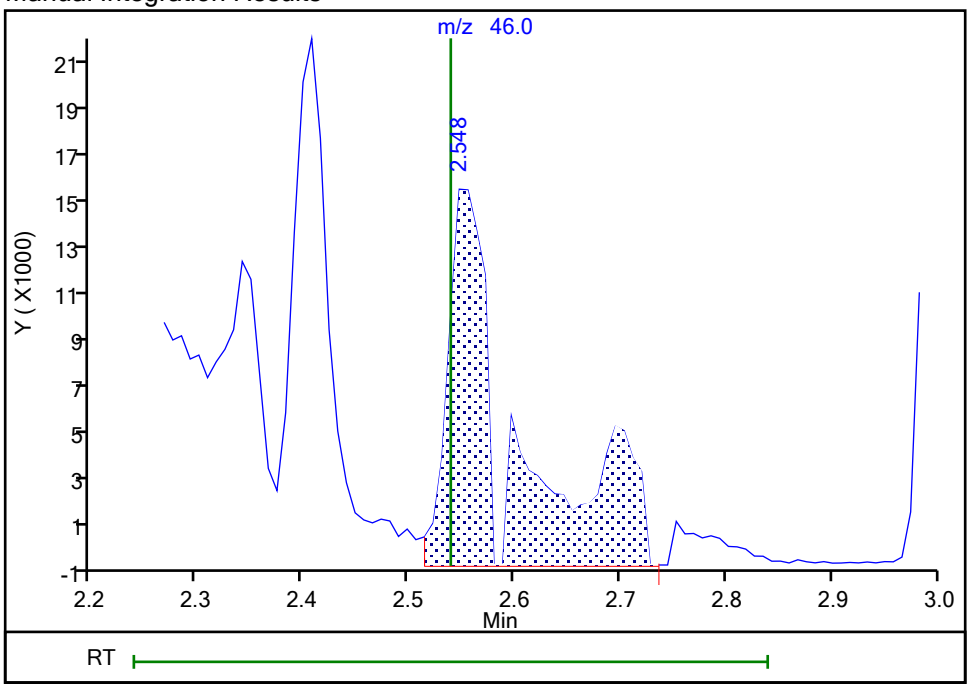
Processing Integration Results

RT: 2.55
Area: 35820
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 65709
Amount: 1000.0000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:10:05 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

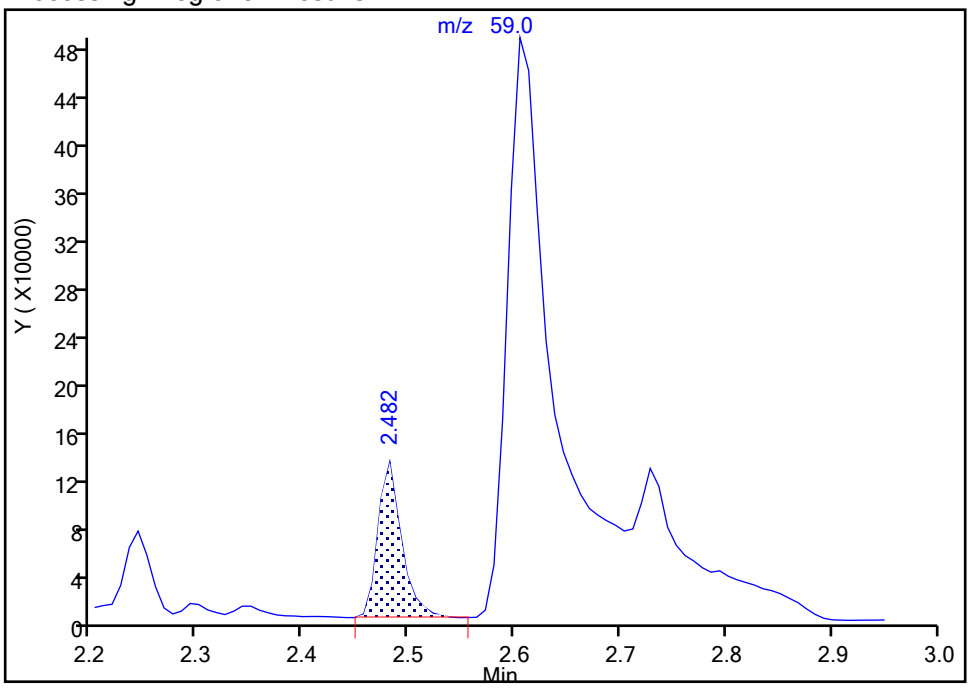
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

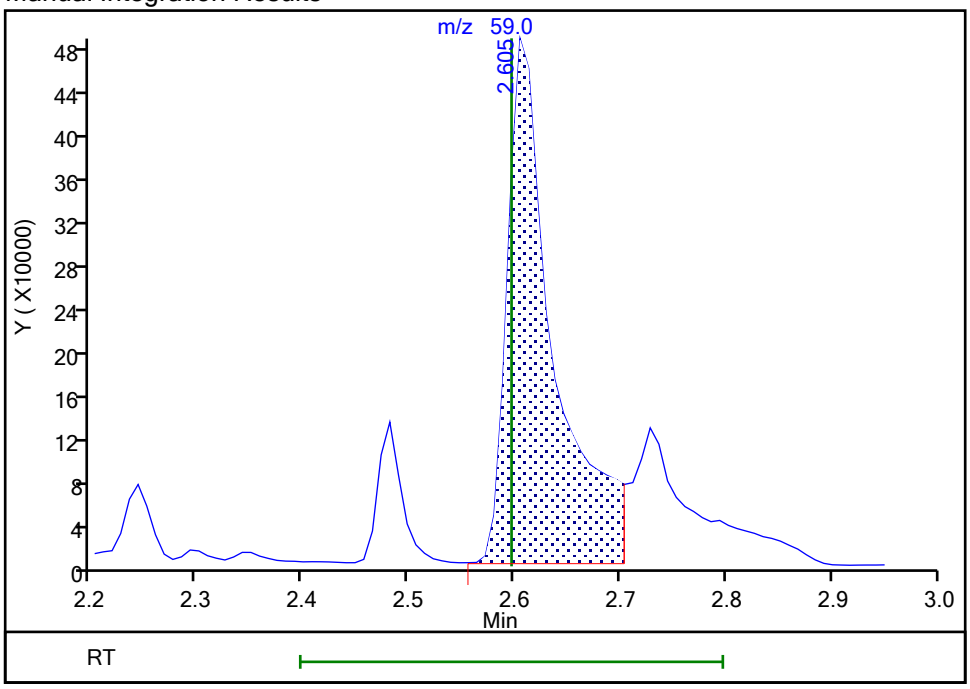
Processing Integration Results

RT: 2.48
Area: 202586
Amount: 701.2119
Amount Units: ug/l




Manual Integration Results

RT: 2.61
Area: 1493761
Amount: 4499.9911
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:11:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

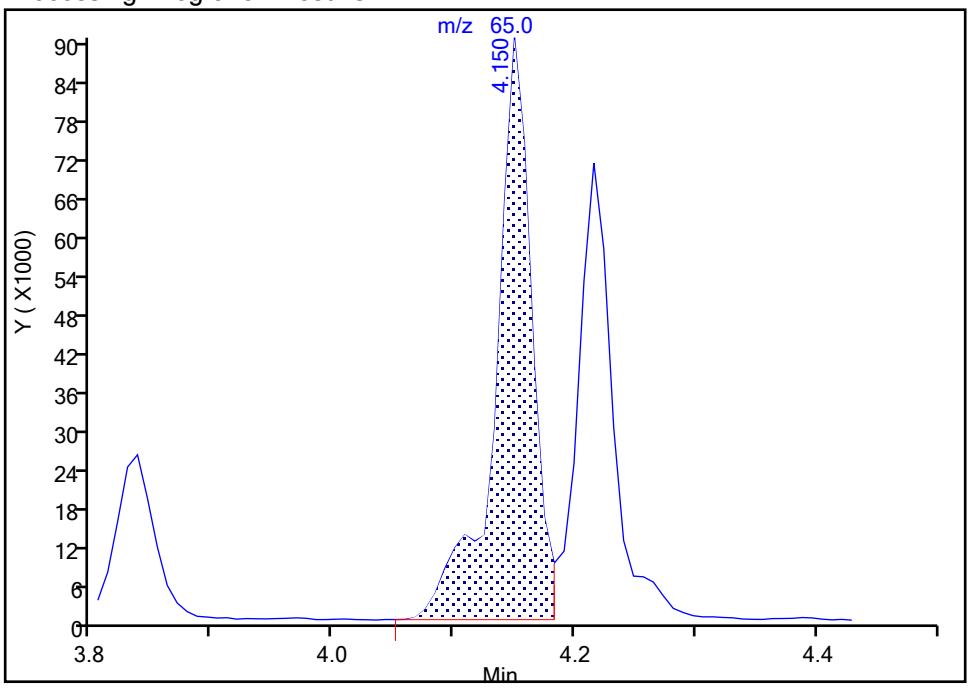
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## $ 56 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Signal: 1

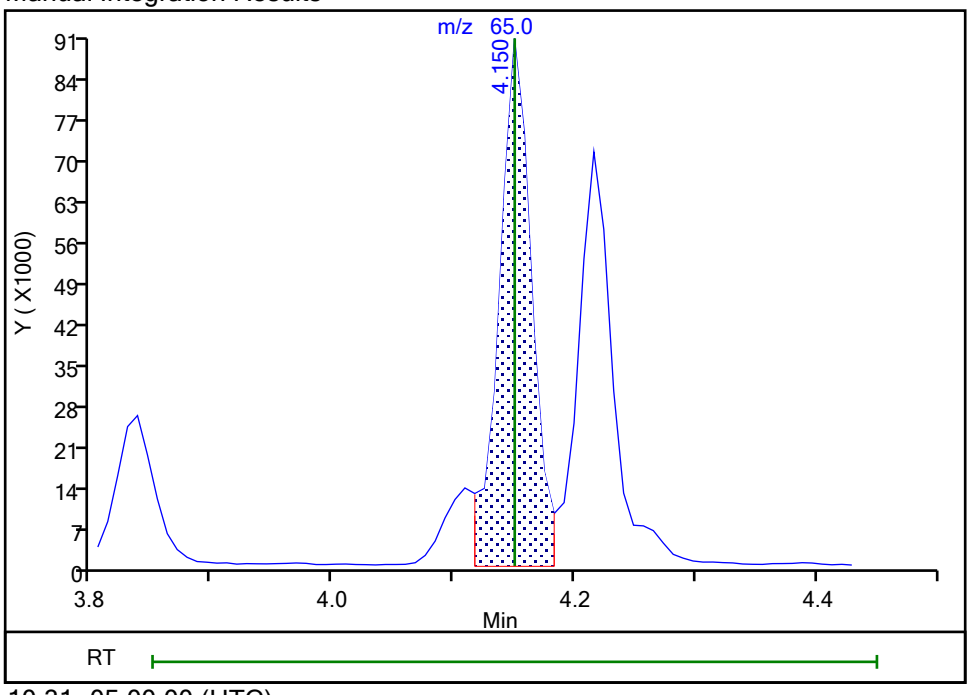
Processing Integration Results

RT: 4.15
Area: 190771
Amount: 58.046885
Amount Units: ug/l




Manual Integration Results

RT: 4.15
Area: 171590
Amount: 53.095965
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:10:31 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

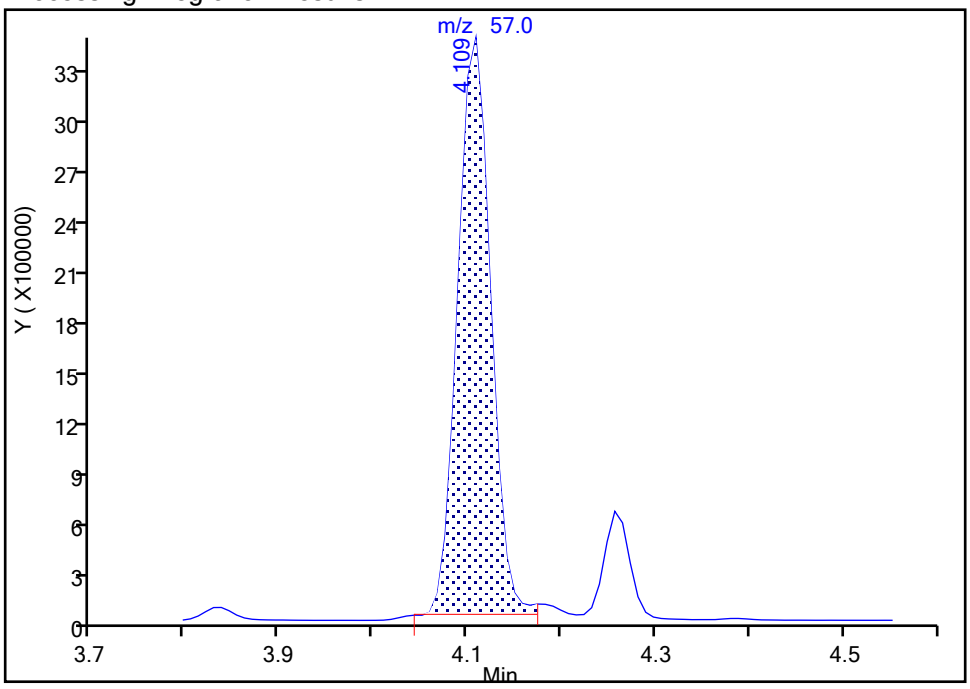
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 60 n-Heptane, CAS: 142-82-5

Signal: 1

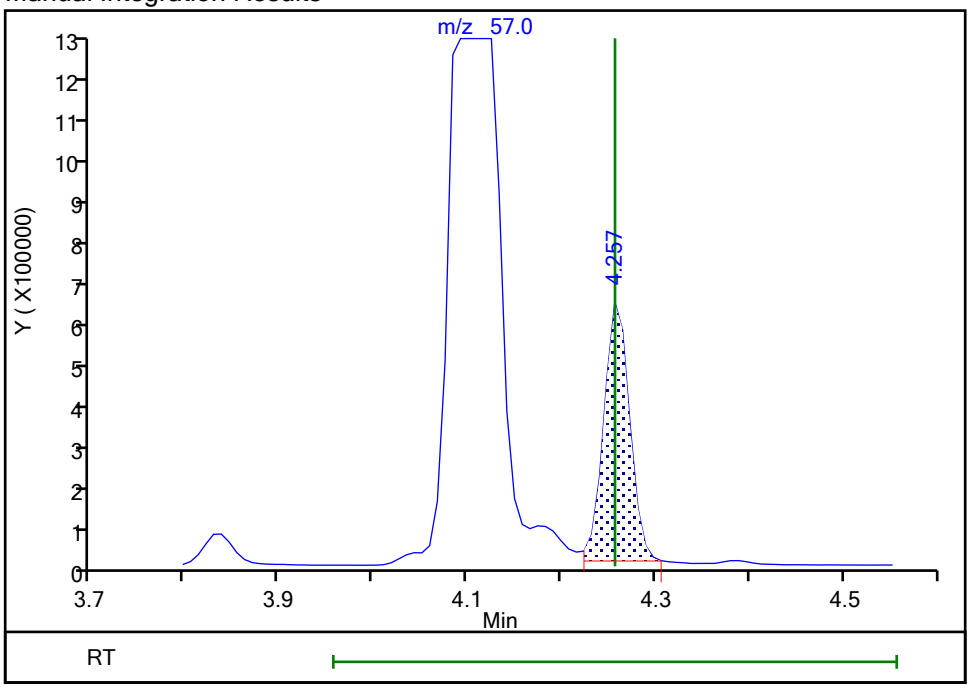
Processing Integration Results

RT: 4.11
Area: 8308829
Amount: 500.4987
Amount Units: ug/l




Manual Integration Results

RT: 4.26
Area: 1199369
Amount: 445.9430
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:11:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

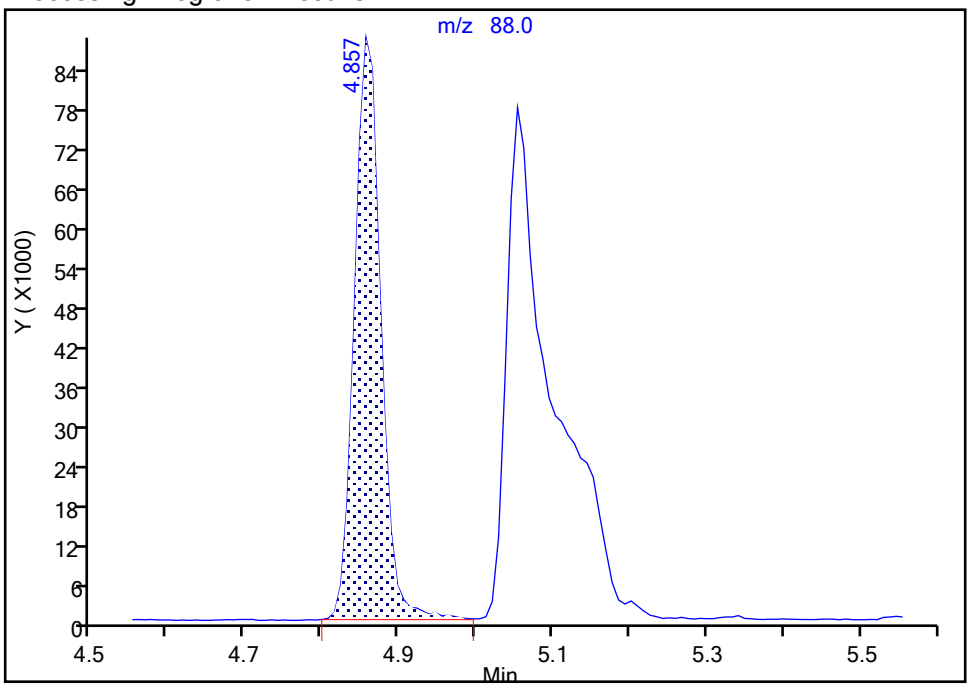
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

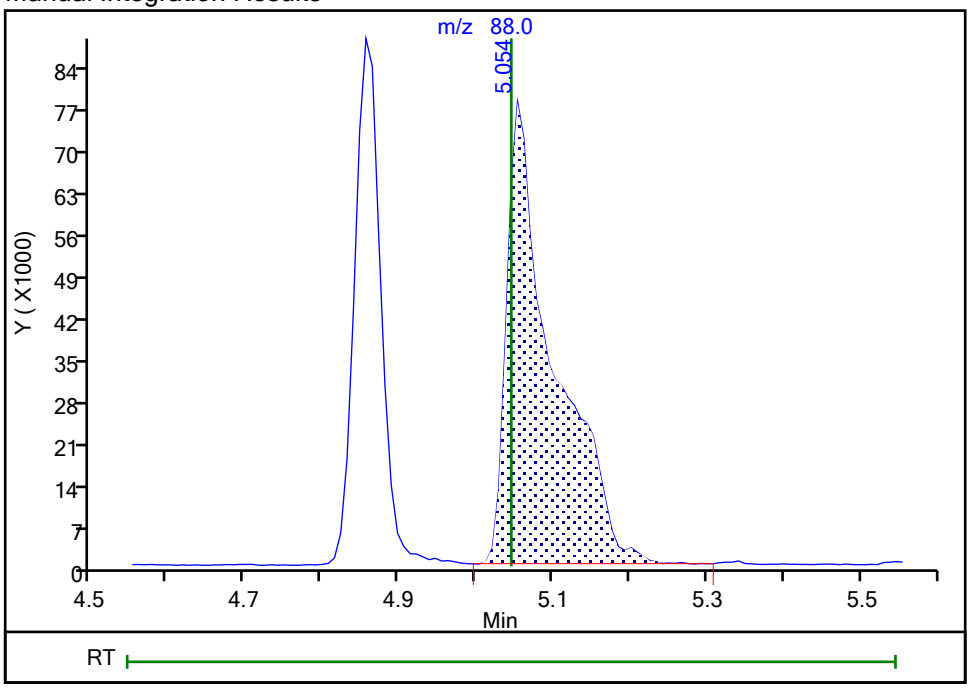
Processing Integration Results

RT: 4.86
Area: 211086
Amount: 5078.3043
Amount Units: ug/l




Manual Integration Results

RT: 5.05
Area: 330746
Amount: 5571.4674
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:11:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

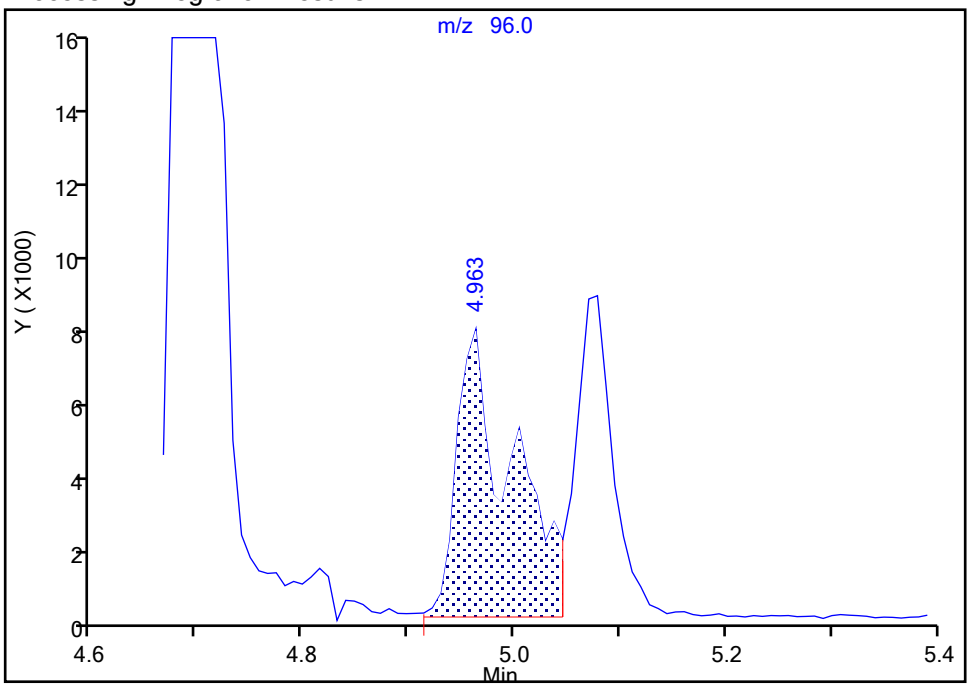
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## * 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

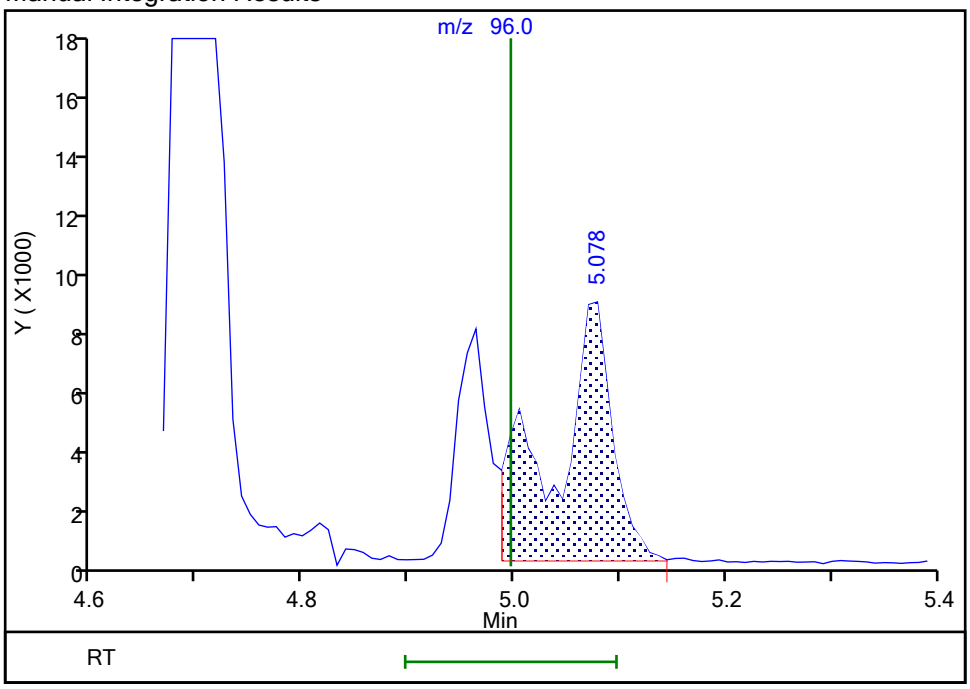
Processing Integration Results

RT: 4.96
Area: 27915
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.08
Area: 32192
Amount: 1000.0000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:10:20 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

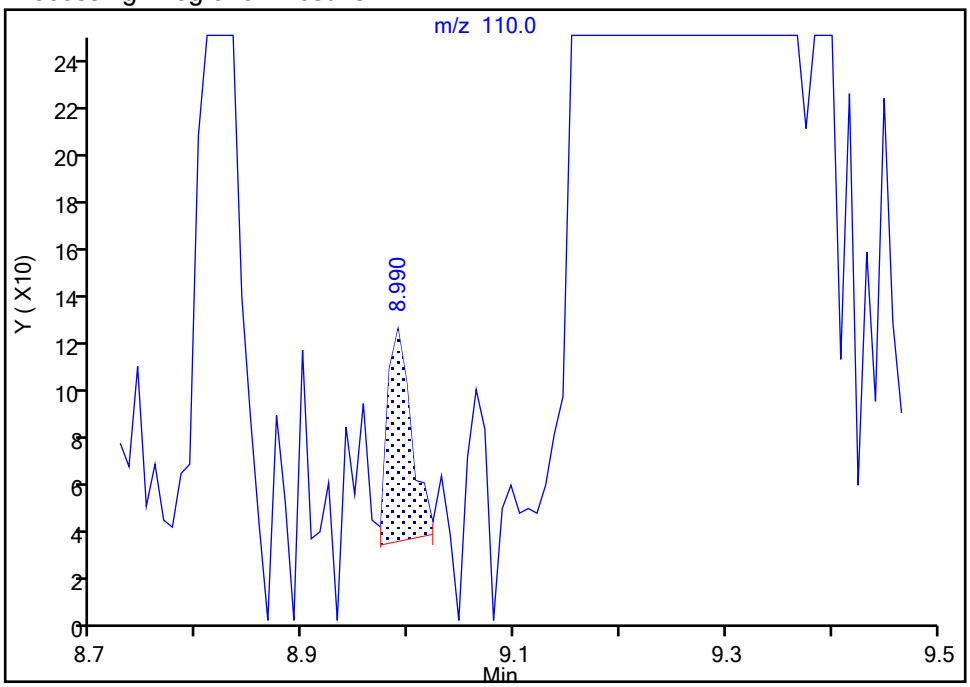
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D
Injection Date: 16-Jan-2025 06:11:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

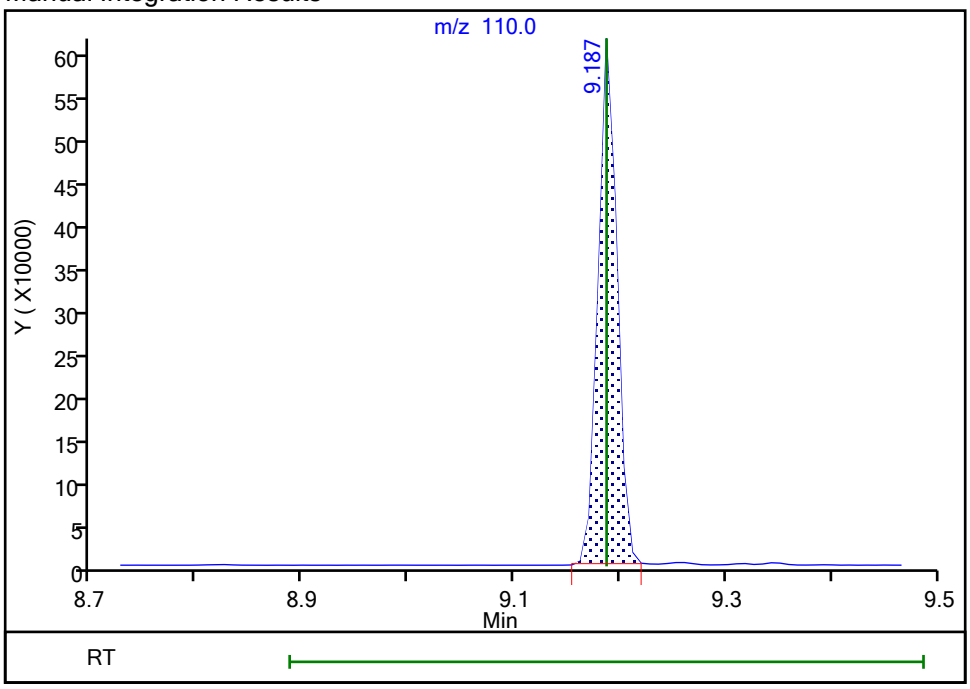
Processing Integration Results

RT: 8.99
Area: 145
Amount: 0.119248
Amount Units: ug/l




Manual Integration Results

RT: 9.19
Area: 755606
Amount: 514.7991
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:11:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

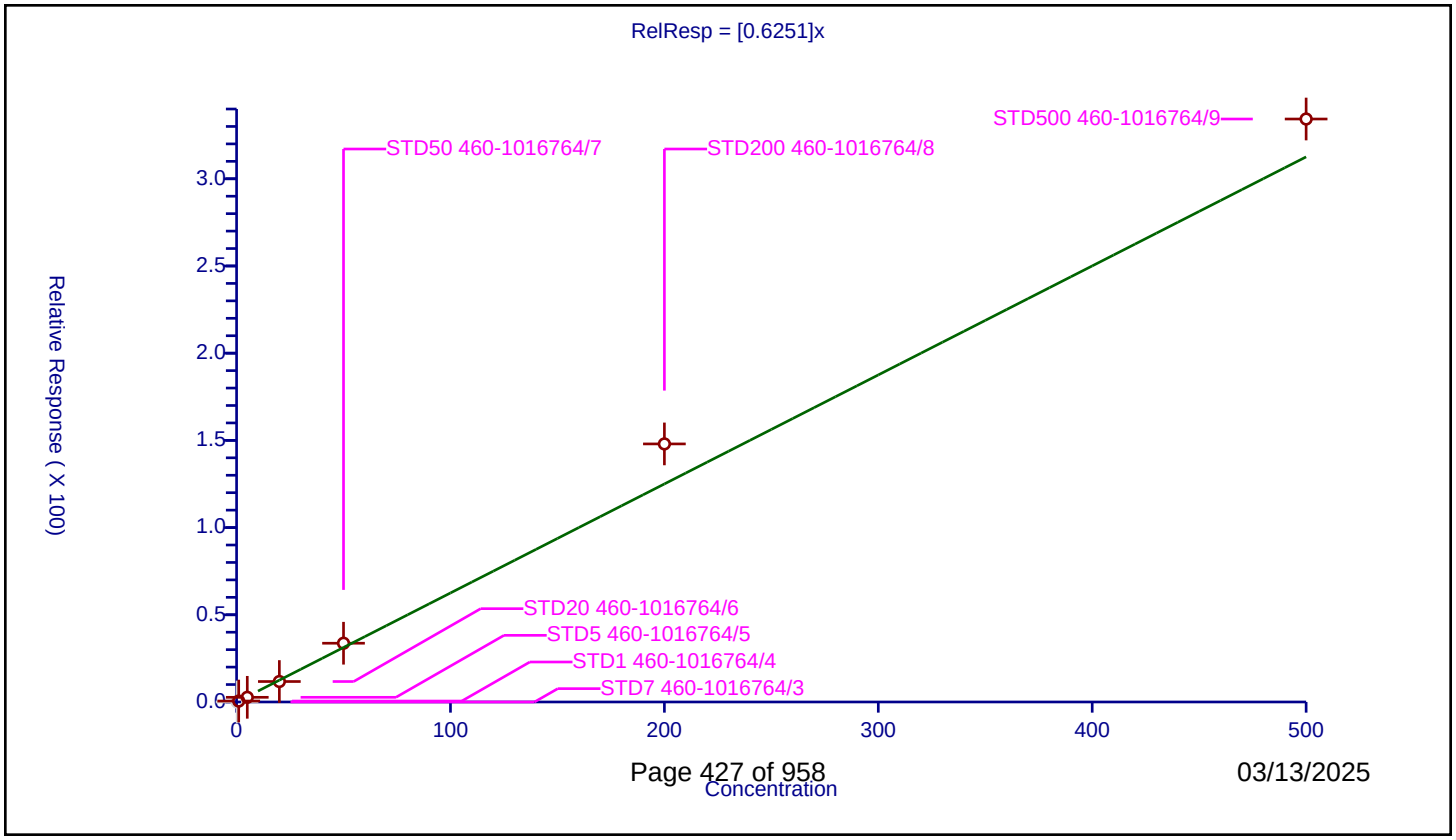
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6251 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.25 | 0.0 | 50.0 | 556297.0 | 0.0 | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.544806 | 50.0 | 483291.0 | 0.544806 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.682919 | 50.0 | 534362.0 | 0.536584 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 11.740881 | 50.0 | 458607.0 | 0.587044 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 33.685527 | 50.0 | 440241.0 | 0.673711 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 147.978097 | 50.0 | 495276.0 | 0.73989 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 334.271632 | 50.0 | 536432.0 | 0.668543 | Y |



## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

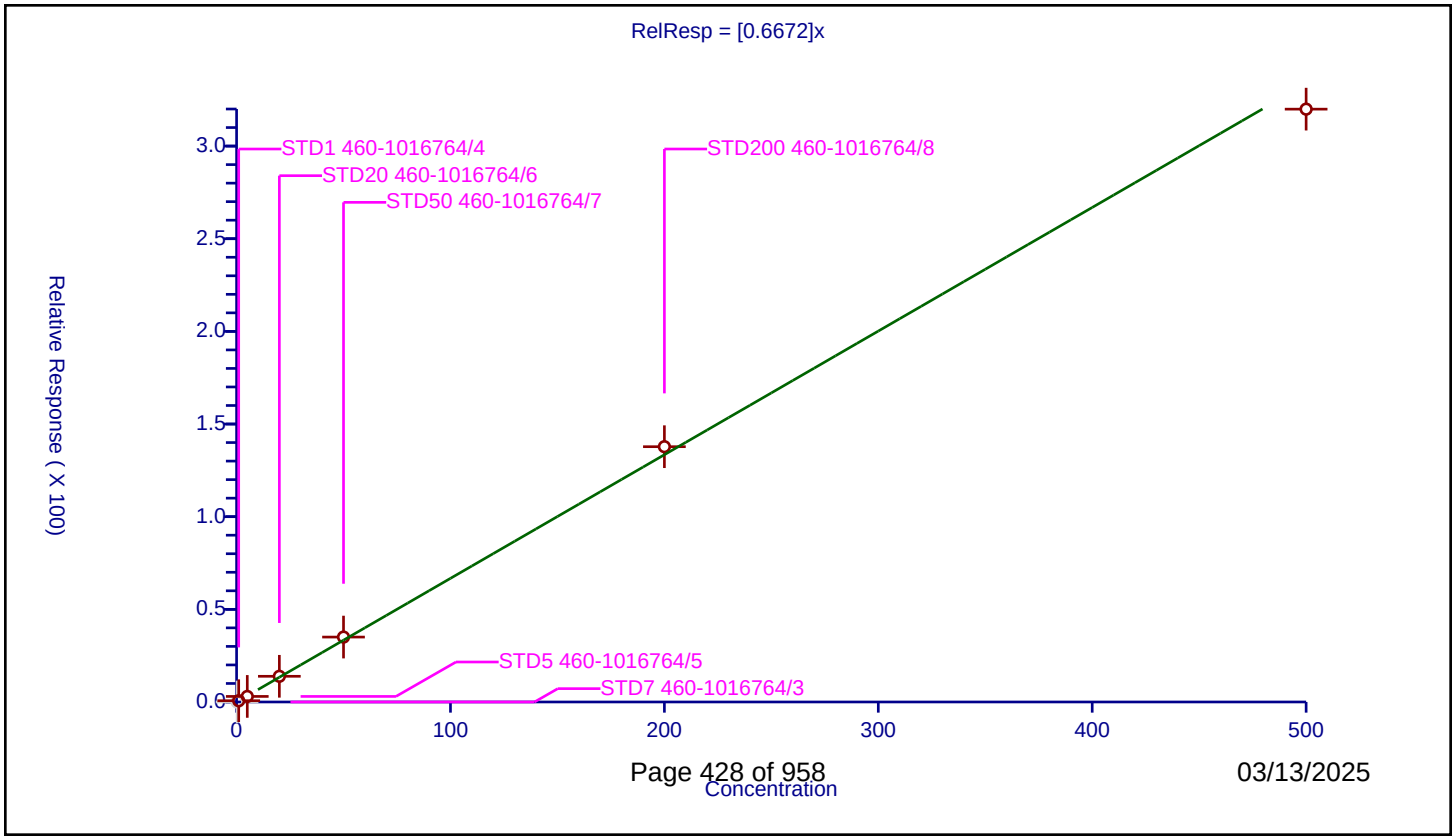
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6672 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.25 | 0.0 | 50.0 | 556297.0 | 0.0 | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.679508 | 50.0 | 483291.0 | 0.679508 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.006015 | 50.0 | 534362.0 | 0.601203 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 13.862959 | 50.0 | 458607.0 | 0.693148 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 35.028087 | 50.0 | 440241.0 | 0.700562 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 137.771162 | 50.0 | 495276.0 | 0.688856 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 319.930951 | 50.0 | 536432.0 | 0.639862 | Y |



## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

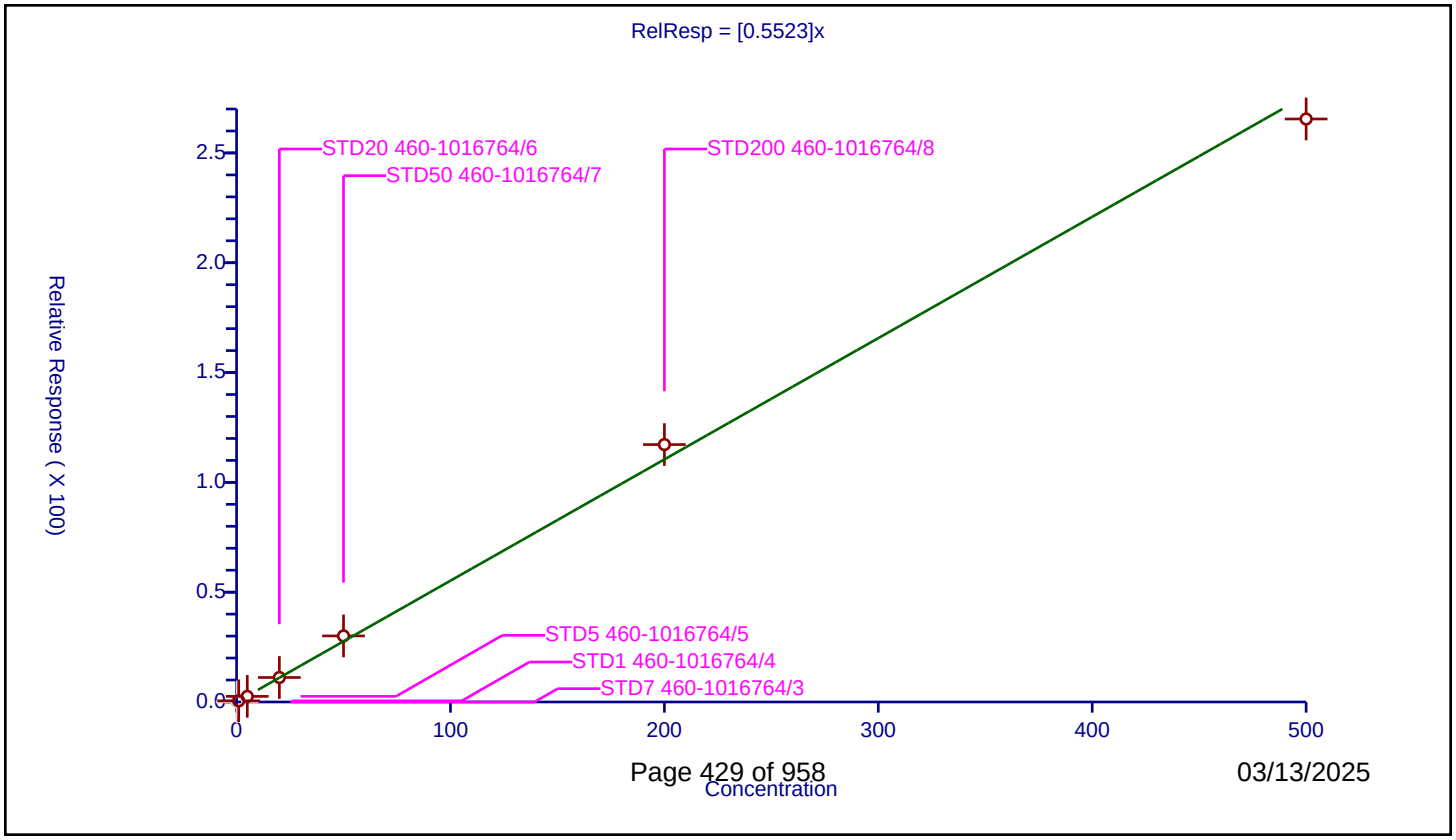
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5523 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.25 | 0.0 | 50.0 | 556297.0 | 0.0 | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.526494 | 50.0 | 483291.0 | 0.526494 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.554448 | 50.0 | 534362.0 | 0.51089 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 11.152686 | 50.0 | 458607.0 | 0.557634 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 30.078184 | 50.0 | 440241.0 | 0.601564 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 117.218581 | 50.0 | 495276.0 | 0.586093 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 265.456759 | 50.0 | 536432.0 | 0.530914 | Y |



## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

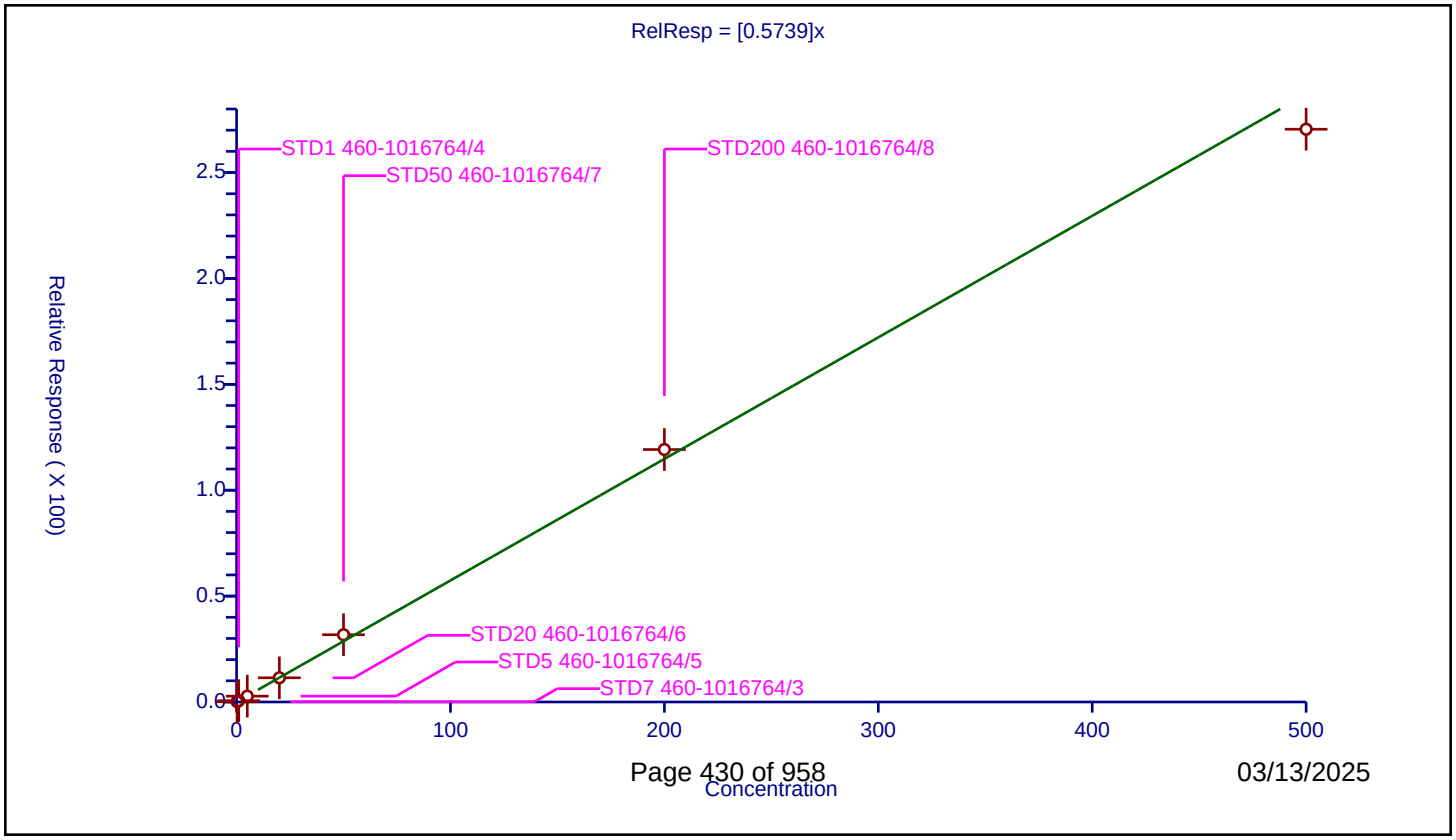
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5739 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.25 | 0.132034 | 50.0 | 556297.0 | 0.528135 | Y |
| 2 | STD1 460-1016764/4 | 1.0 | 0.596121 | 50.0 | 483291.0 | 0.596121 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.746079 | 50.0 | 534362.0 | 0.549216 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 11.426886 | 50.0 | 458607.0 | 0.571344 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 31.759082 | 50.0 | 440241.0 | 0.635182 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 119.219284 | 50.0 | 495276.0 | 0.596096 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 270.450029 | 50.0 | 536432.0 | 0.5409 | Y |



## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

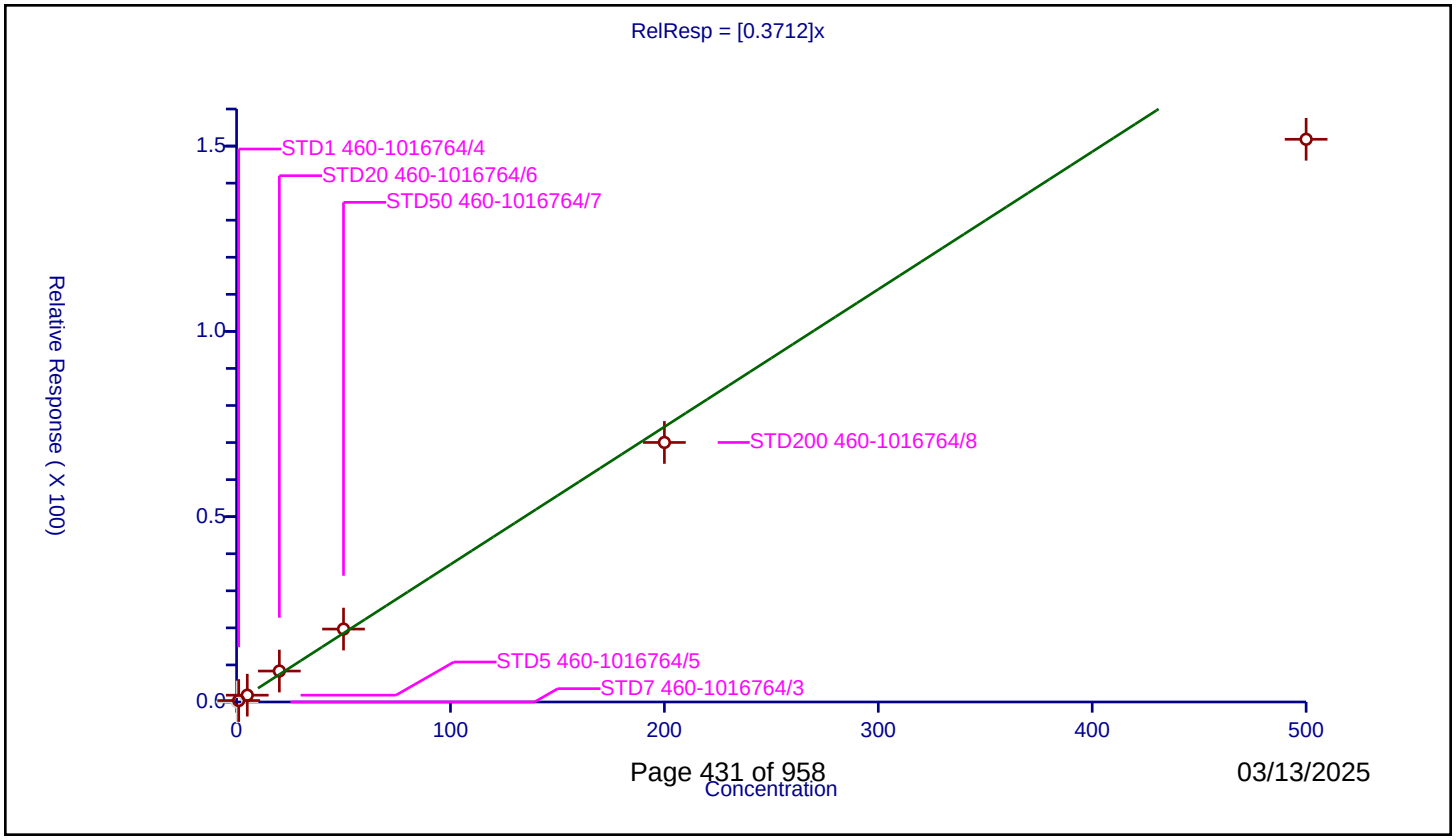
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3712 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.25 | 0.0 | 50.0 | 556297.0 | 0.0 | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.395104 | 50.0 | 483291.0 | 0.395104 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.834898 | 50.0 | 534362.0 | 0.36698 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 8.353231 | 50.0 | 458607.0 | 0.417662 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 19.677177 | 50.0 | 440241.0 | 0.393544 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 70.025703 | 50.0 | 495276.0 | 0.350129 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 151.832105 | 50.0 | 536432.0 | 0.303664 | Y |



## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

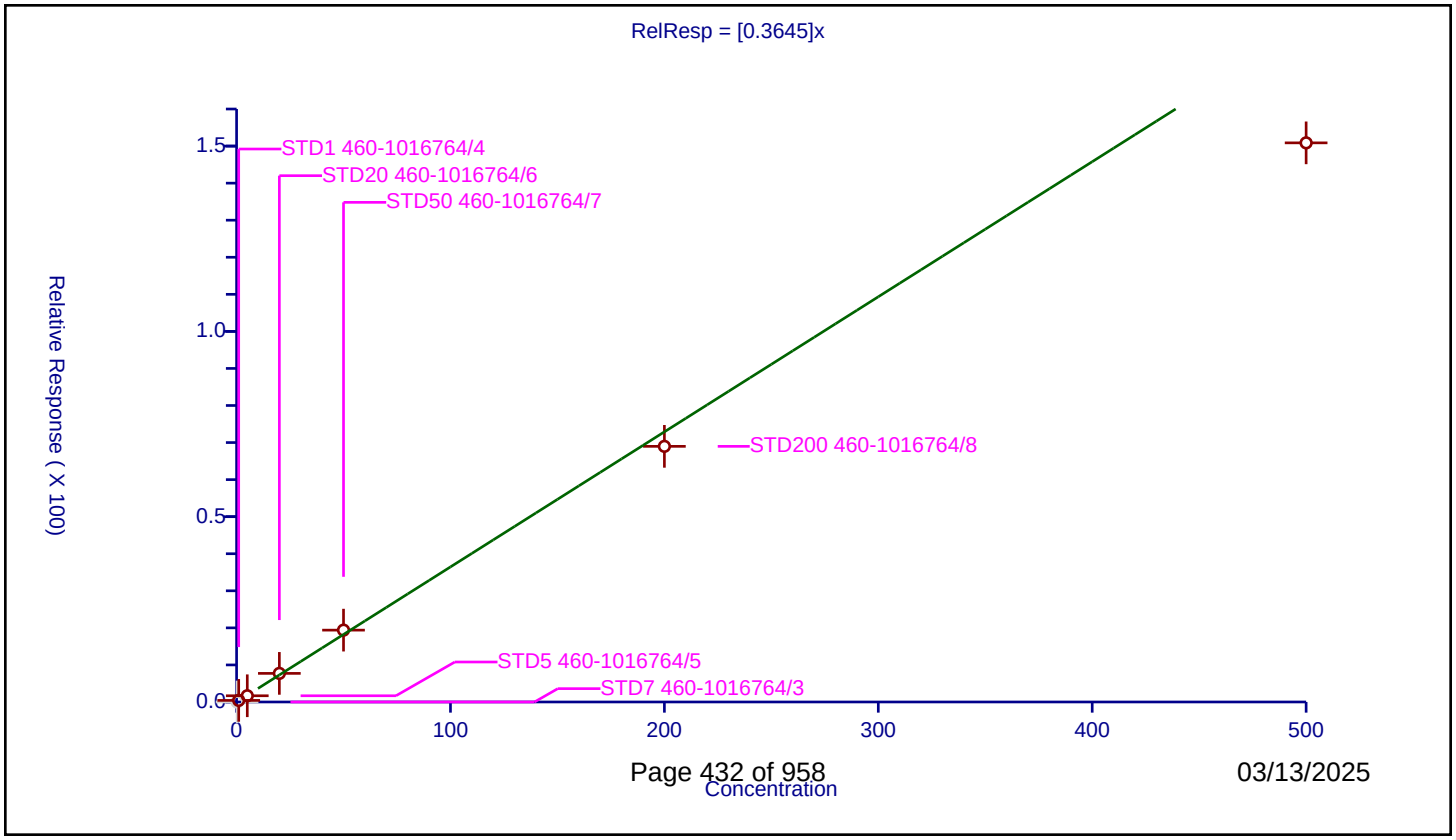
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3645 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.25 | 0.0 | 50.0 | 556297.0 | 0.0 | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.429658 | 50.0 | 483291.0 | 0.429658 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.683503 | 50.0 | 534362.0 | 0.336701 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 7.719464 | 50.0 | 458607.0 | 0.385973 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 19.389607 | 50.0 | 440241.0 | 0.387792 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 68.977903 | 50.0 | 495276.0 | 0.34489 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 150.865534 | 50.0 | 536432.0 | 0.301731 | Y |



## Calibration / Dichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

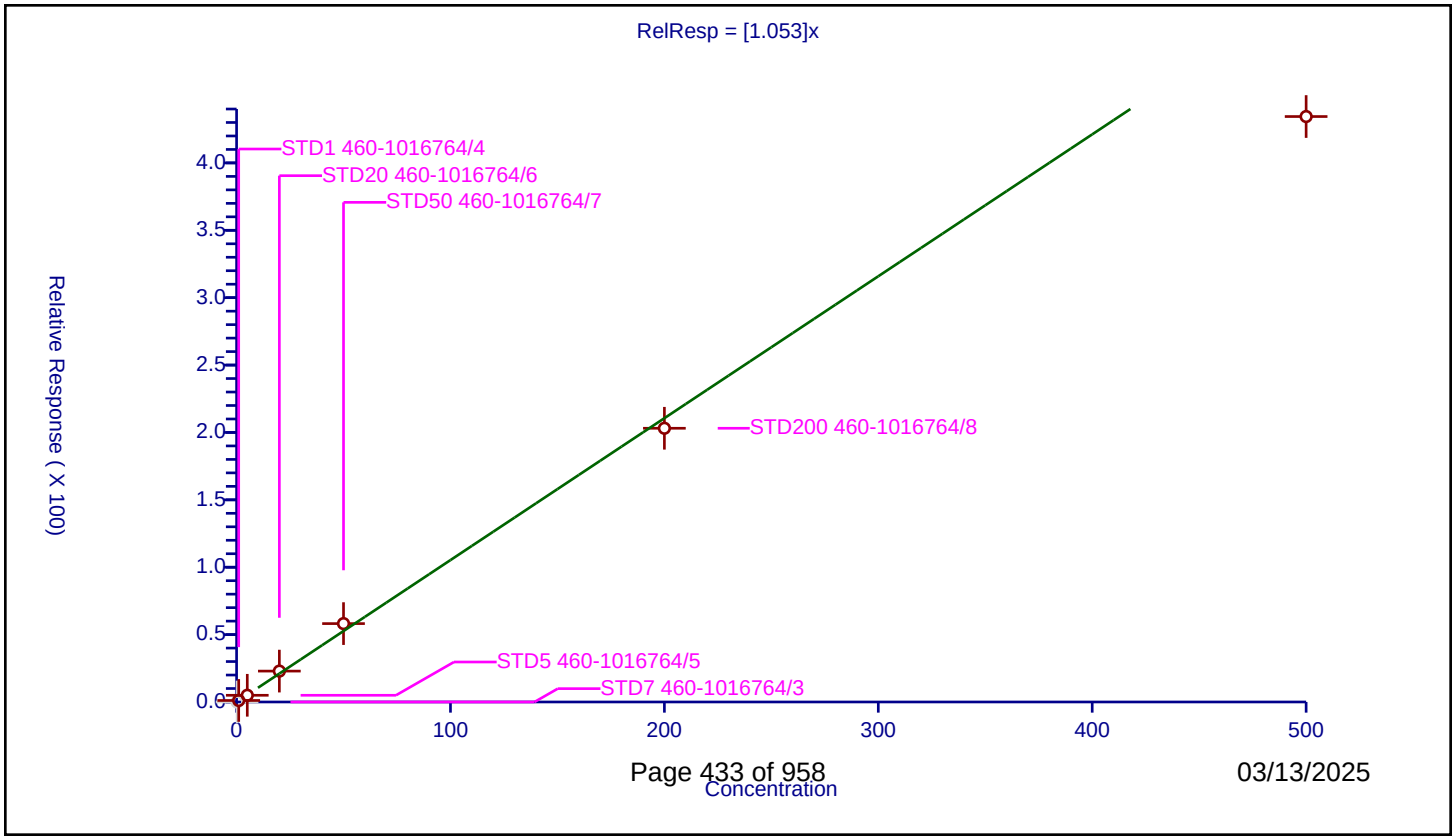
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.053 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.25 | 0.0 | 50.0 | 556297.0 | 0.0 | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.127788 | 50.0 | 483291.0 | 1.127788 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 4.982577 | 50.0 | 534362.0 | 0.996515 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 22.920496 | 50.0 | 458607.0 | 1.146025 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 58.160303 | 50.0 | 440241.0 | 1.163206 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 203.101402 | 50.0 | 495276.0 | 1.015507 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 434.415359 | 50.0 | 536432.0 | 0.868831 | Y |



## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

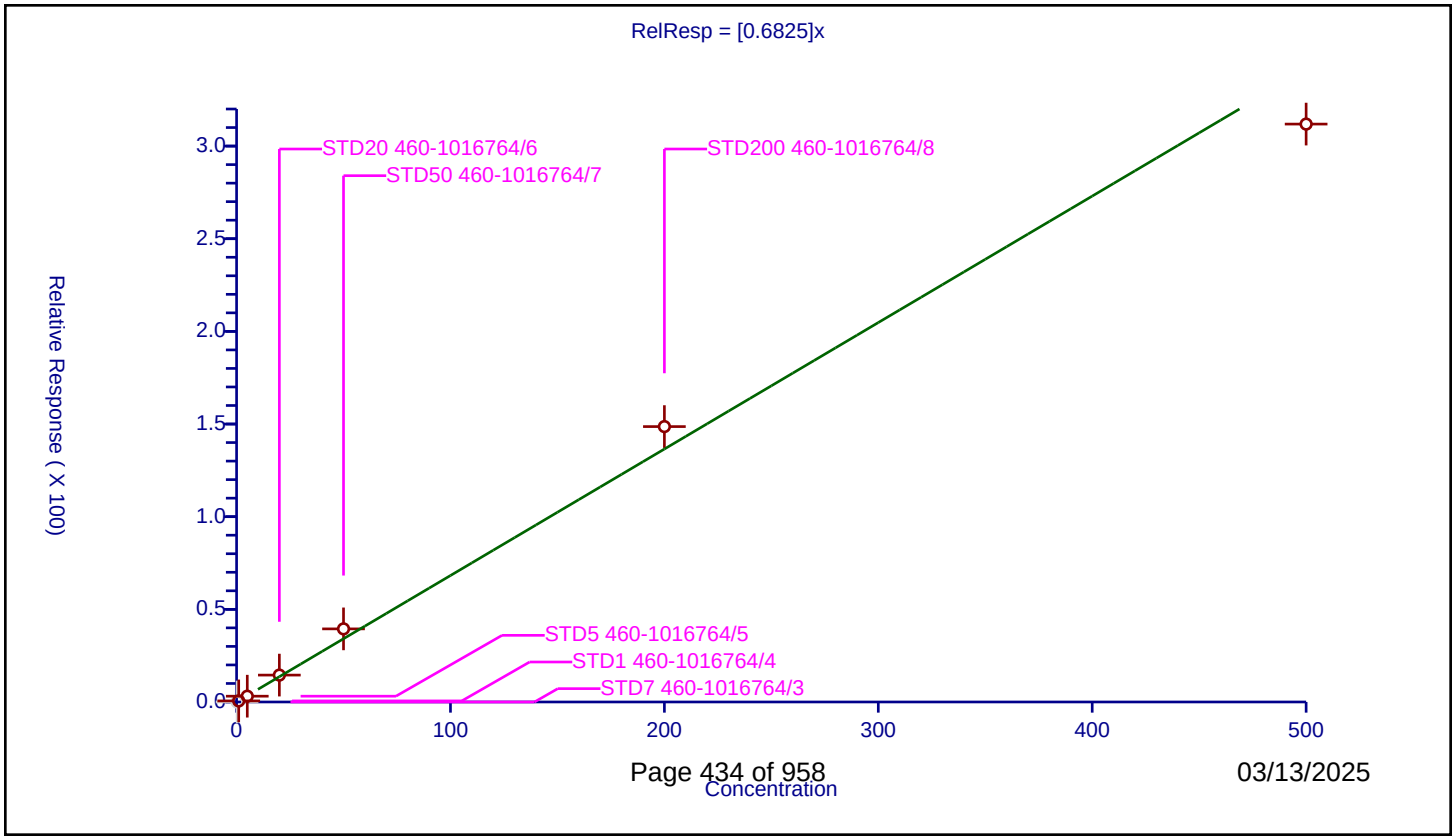
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6825 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.25 | 0.0 | 50.0 | 556297.0 | 0.0 | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.58712 | 50.0 | 483291.0 | 0.58712 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.131304 | 50.0 | 534362.0 | 0.626261 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 14.513952 | 50.0 | 458607.0 | 0.725698 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 39.456798 | 50.0 | 440241.0 | 0.789136 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 148.625918 | 50.0 | 495276.0 | 0.74313 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 311.863013 | 50.0 | 536432.0 | 0.623726 | Y |



## Calibration / Pentane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

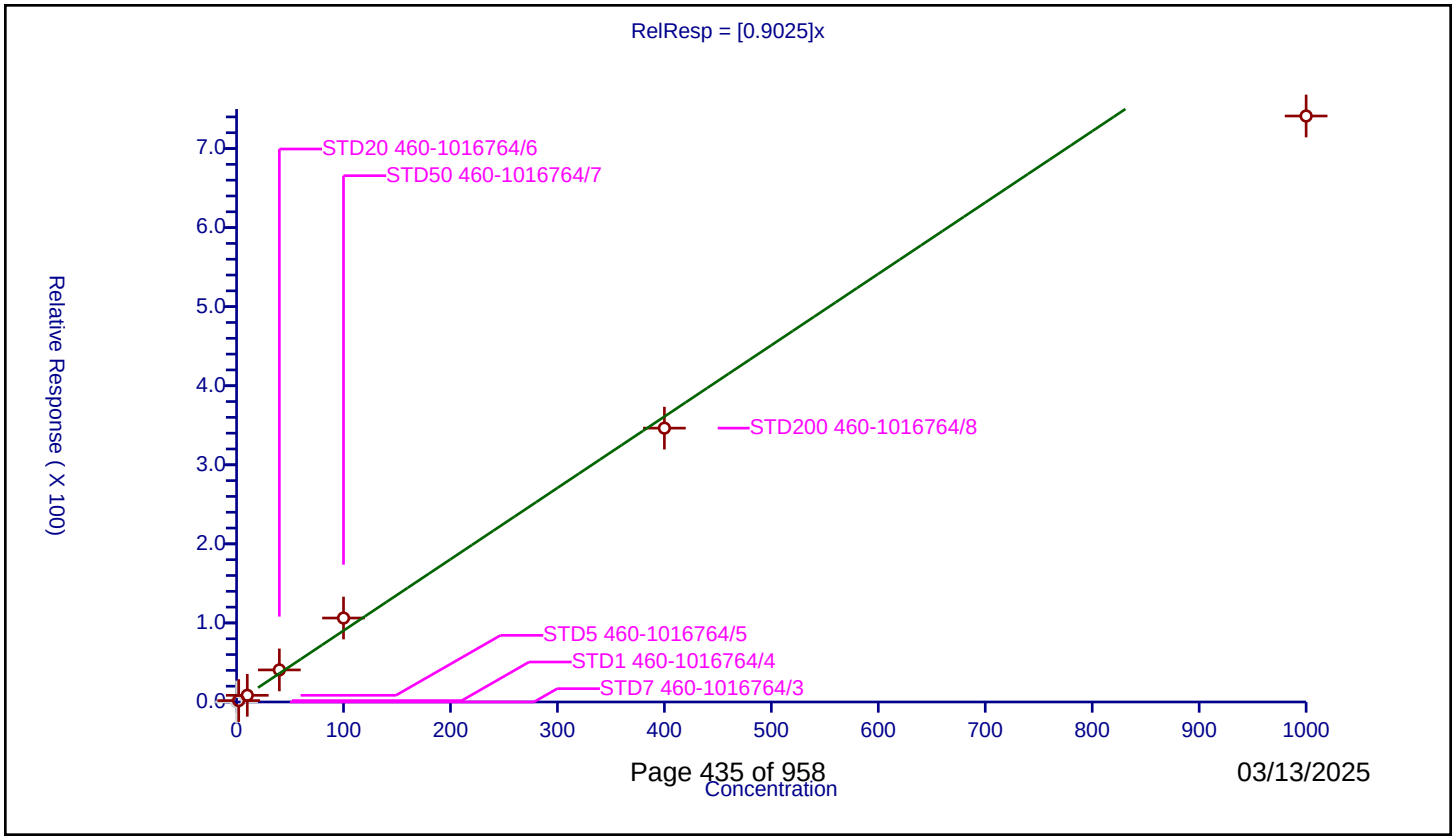
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9025 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 250.0 | 241528.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 2.0 | 1.778216 | 250.0 | 195280.0 | 0.889108 | Y |
| 3 | STD5 460-1016764/5 | 10.0 | 8.432358 | 250.0 | 224018.0 | 0.843236 | Y |
| 4 | STD20 460-1016764/6 | 40.0 | 40.545547 | 250.0 | 198388.0 | 1.013639 | Y |
| 5 | STD50 460-1016764/7 | 100.0 | 106.178418 | 250.0 | 196191.0 | 1.061784 | Y |
| 6 | STD200 460-1016764/8 | 400.0 | 346.36337 | 250.0 | 214773.0 | 0.865908 | Y |
| 7 | STD500 460-1016764/9 | 1000.0 | 741.160006 | 250.0 | 235973.0 | 0.74116 | Y |



## Calibration / Ethanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

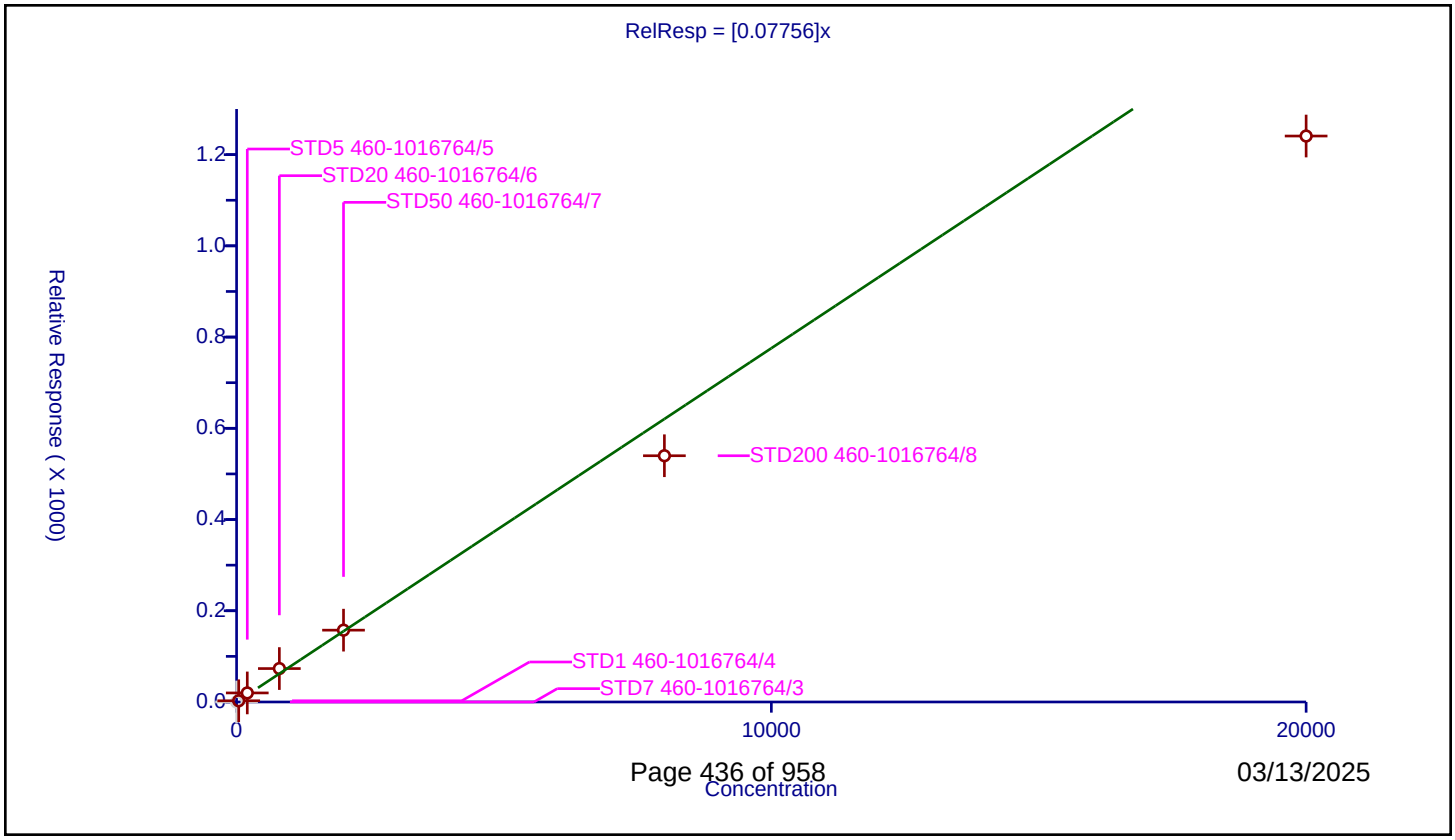
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07756 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 40.0 | 2.643454 | 1000.0 | 59392.0 | 0.066086 | Y |
| 3 | STD5 460-1016764/5 | 200.0 | 19.870754 | 1000.0 | 64064.0 | 0.099354 | Y |
| 4 | STD20 460-1016764/6 | 800.0 | 73.301889 | 1000.0 | 54487.0 | 0.091627 | Y |
| 5 | STD50 460-1016764/7 | 2000.0 | 157.489546 | 1000.0 | 57153.0 | 0.078745 | Y |
| 6 | STD200 460-1016764/8 | 8000.0 | 539.895157 | 1000.0 | 67339.0 | 0.067487 | Y |
| 7 | STD500 460-1016764/9 | 20000.0 | 1240.788933 | 1000.0 | 65709.0 | 0.062039 | Y |



## Calibration / Ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

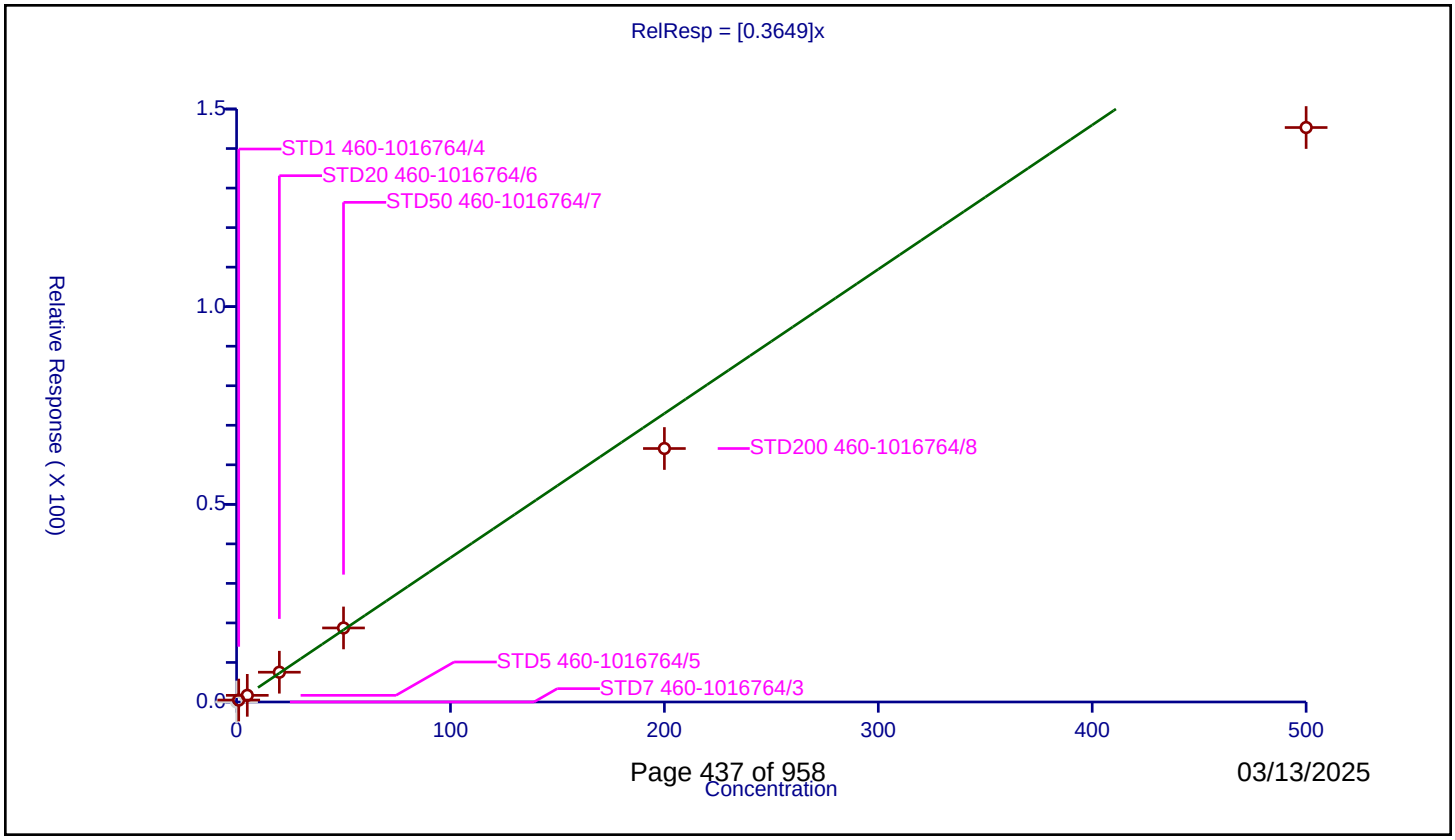
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3649 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.490491 | 50.0 | 483291.0 | 0.490491 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.682006 | 50.0 | 534362.0 | 0.336401 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 7.530849 | 50.0 | 458607.0 | 0.376542 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 18.729741 | 50.0 | 440241.0 | 0.374595 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 64.121823 | 50.0 | 495276.0 | 0.320609 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 145.320842 | 50.0 | 536432.0 | 0.290642 | Y |



## Calibration / 2-Methyl-1,3-butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

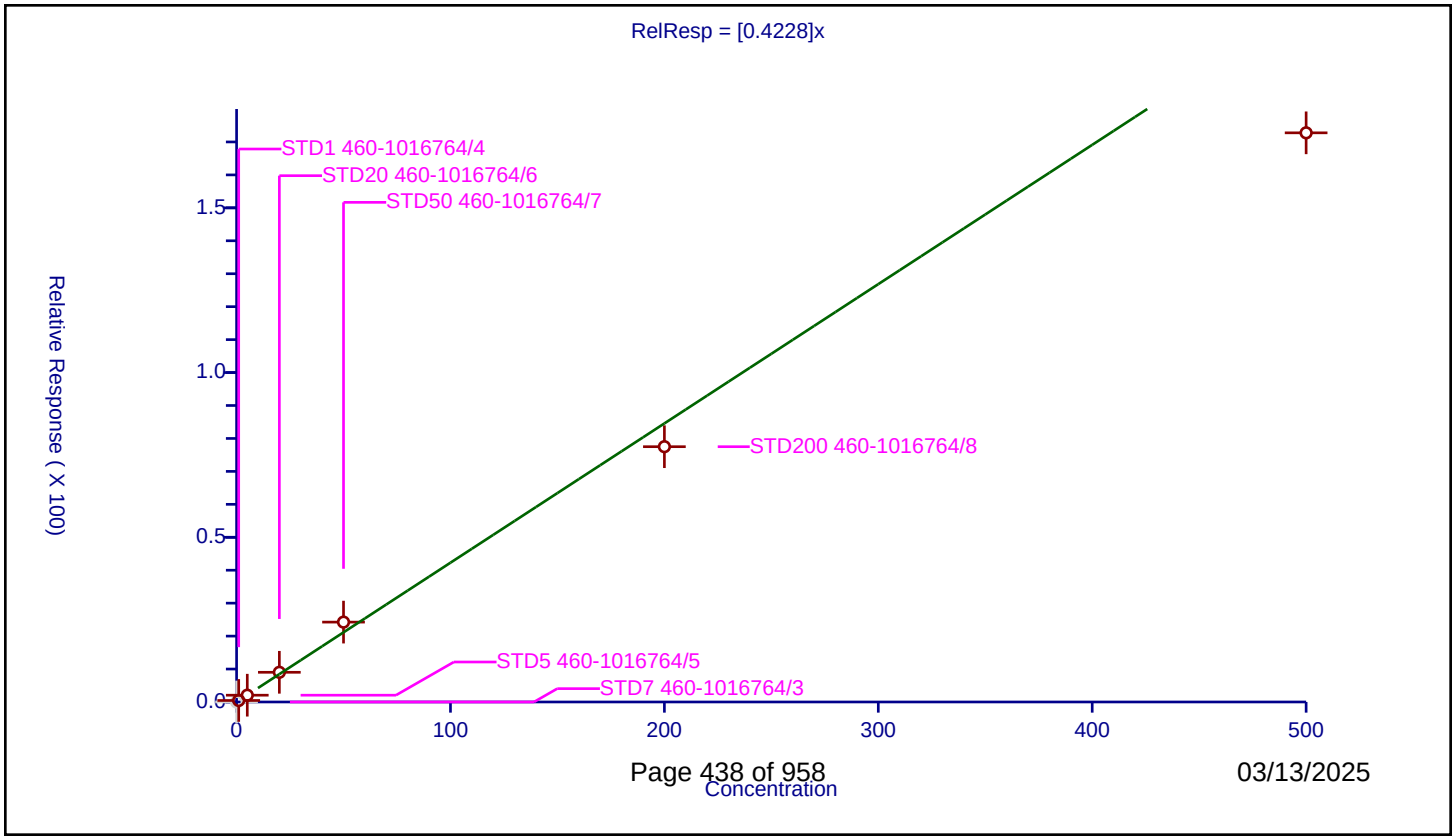
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4228 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.45635 | 50.0 | 483291.0 | 0.45635 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.058717 | 50.0 | 534362.0 | 0.411743 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 9.014472 | 50.0 | 458607.0 | 0.450724 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 24.248196 | 50.0 | 440241.0 | 0.484964 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 77.498304 | 50.0 | 495276.0 | 0.387492 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 172.76831 | 50.0 | 536432.0 | 0.345537 | 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 |

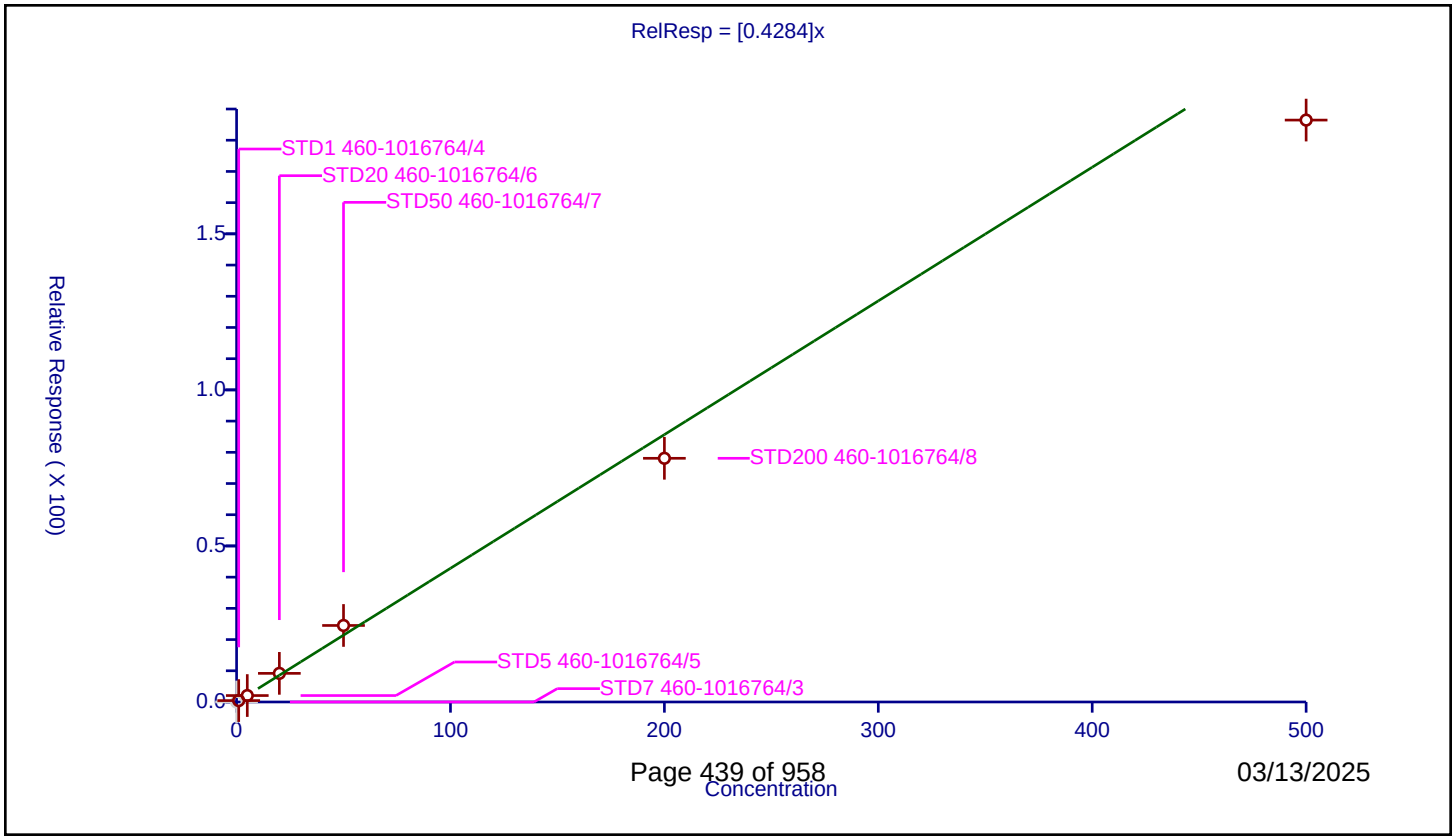
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4284 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.445798 | 50.0 | 483291.0 | 0.445798 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.060307 | 50.0 | 534362.0 | 0.412061 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 9.173868 | 50.0 | 458607.0 | 0.458693 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 24.518616 | 50.0 | 440241.0 | 0.490372 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 78.080101 | 50.0 | 495276.0 | 0.390401 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 186.455506 | 50.0 | 536432.0 | 0.372911 | Y |



## 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 |

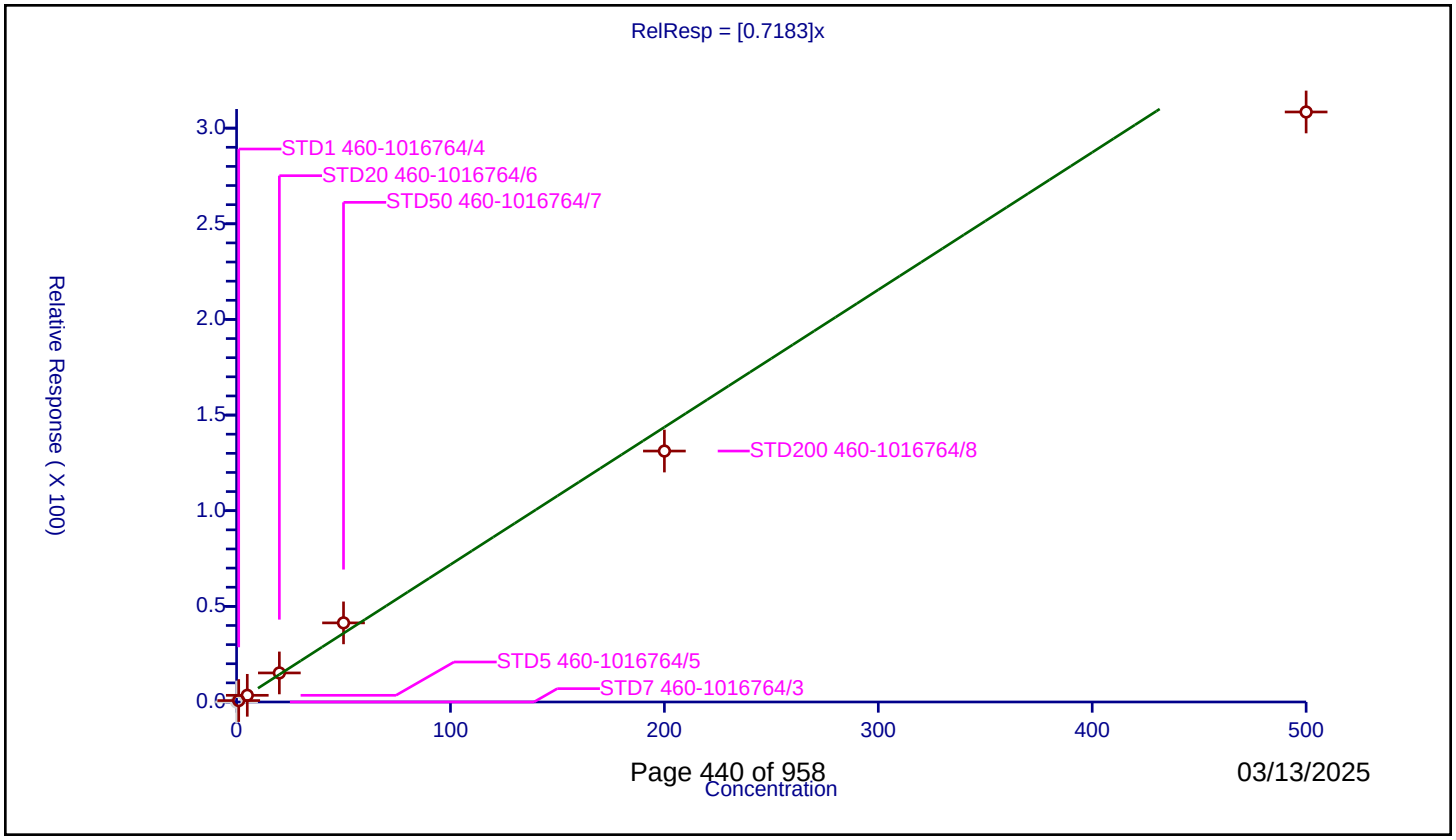
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7183 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.75079 | 50.0 | 483291.0 | 0.75079 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.498565 | 50.0 | 534362.0 | 0.699713 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 15.187841 | 50.0 | 458607.0 | 0.759392 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 41.362231 | 50.0 | 440241.0 | 0.827245 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 131.197151 | 50.0 | 495276.0 | 0.655986 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 308.453168 | 50.0 | 536432.0 | 0.616906 | Y |



## Calibration / Acrolein

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

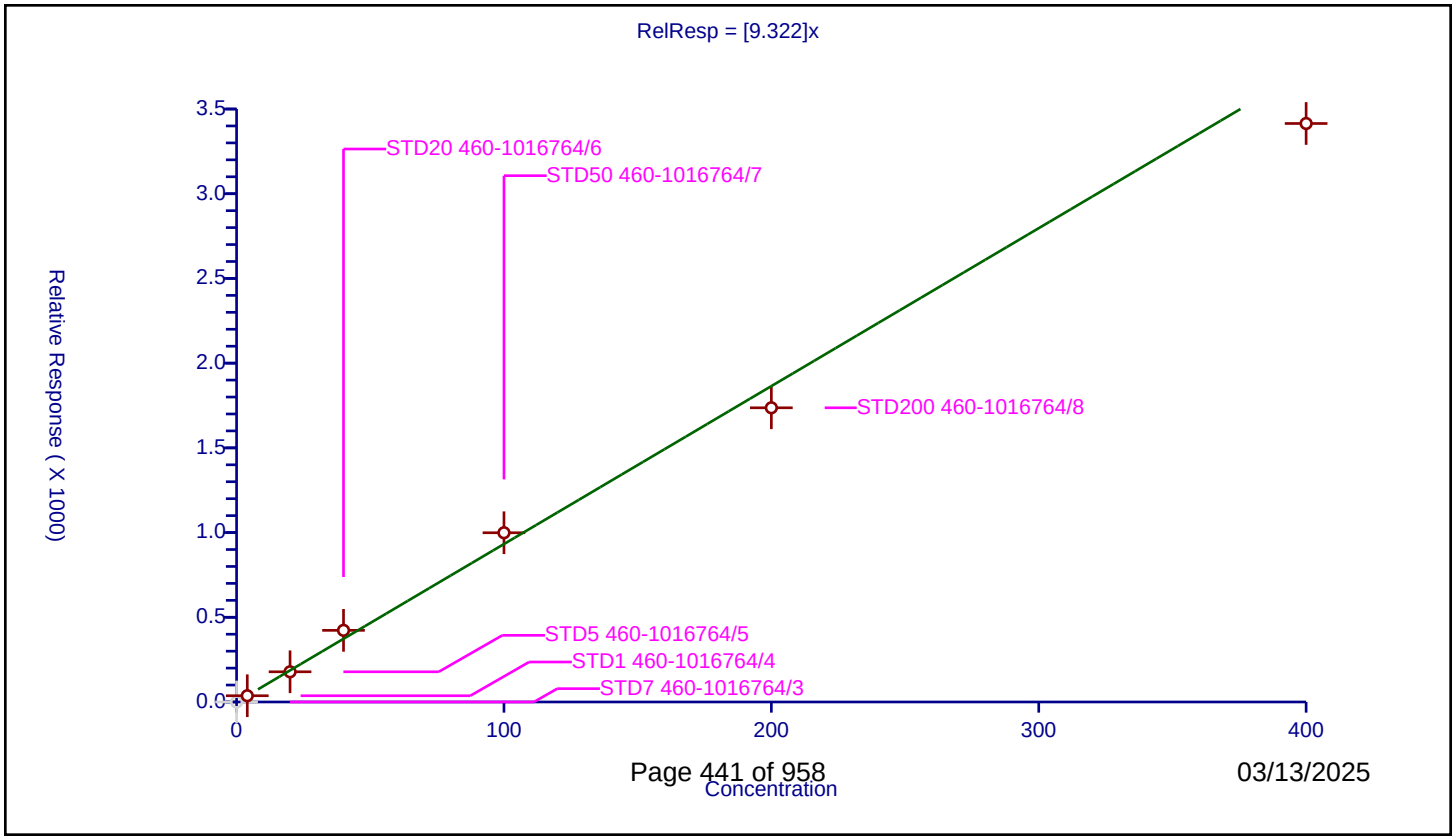
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 9.322 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 4.0 | 36.957839 | 1000.0 | 59392.0 | 9.23946 | Y |
| 3 | STD5 460-1016764/5 | 20.0 | 178.243631 | 1000.0 | 64064.0 | 8.912182 | Y |
| 4 | STD20 460-1016764/6 | 40.0 | 422.908217 | 1000.0 | 54487.0 | 10.572705 | Y |
| 5 | STD50 460-1016764/7 | 100.0 | 998.932689 | 1000.0 | 57153.0 | 9.989327 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 1736.438023 | 1000.0 | 67339.0 | 8.68219 | Y |
| 7 | STD500 460-1016764/9 | 400.0 | 3414.539865 | 1000.0 | 65709.0 | 8.53635 | 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 |

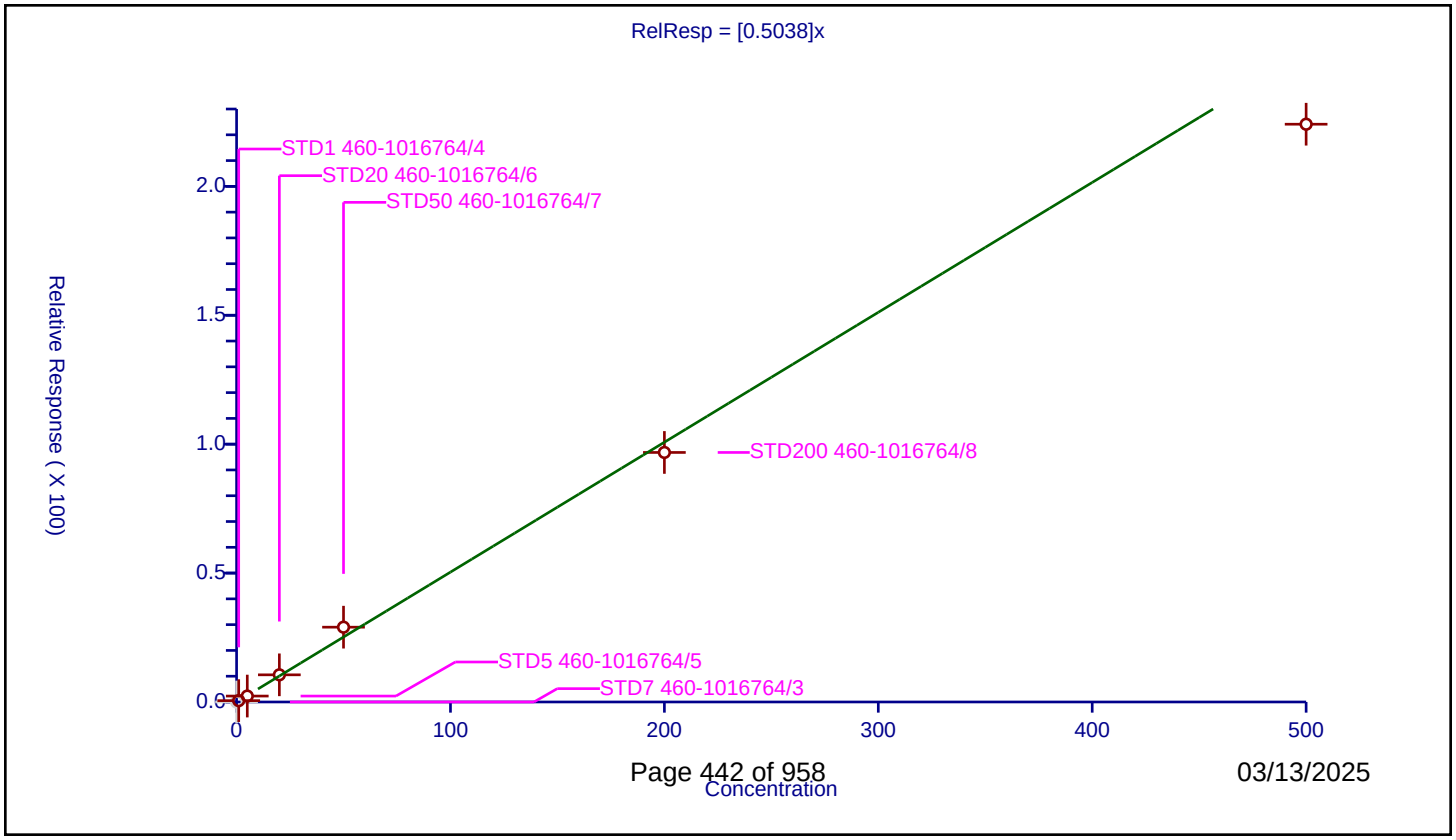
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5038 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.52246 | 50.0 | 483291.0 | 0.52246 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.30415 | 50.0 | 534362.0 | 0.46083 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 10.539198 | 50.0 | 458607.0 | 0.52696 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 29.018651 | 50.0 | 440241.0 | 0.580373 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 96.788154 | 50.0 | 495276.0 | 0.483941 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 224.106504 | 50.0 | 536432.0 | 0.448213 | Y |



## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

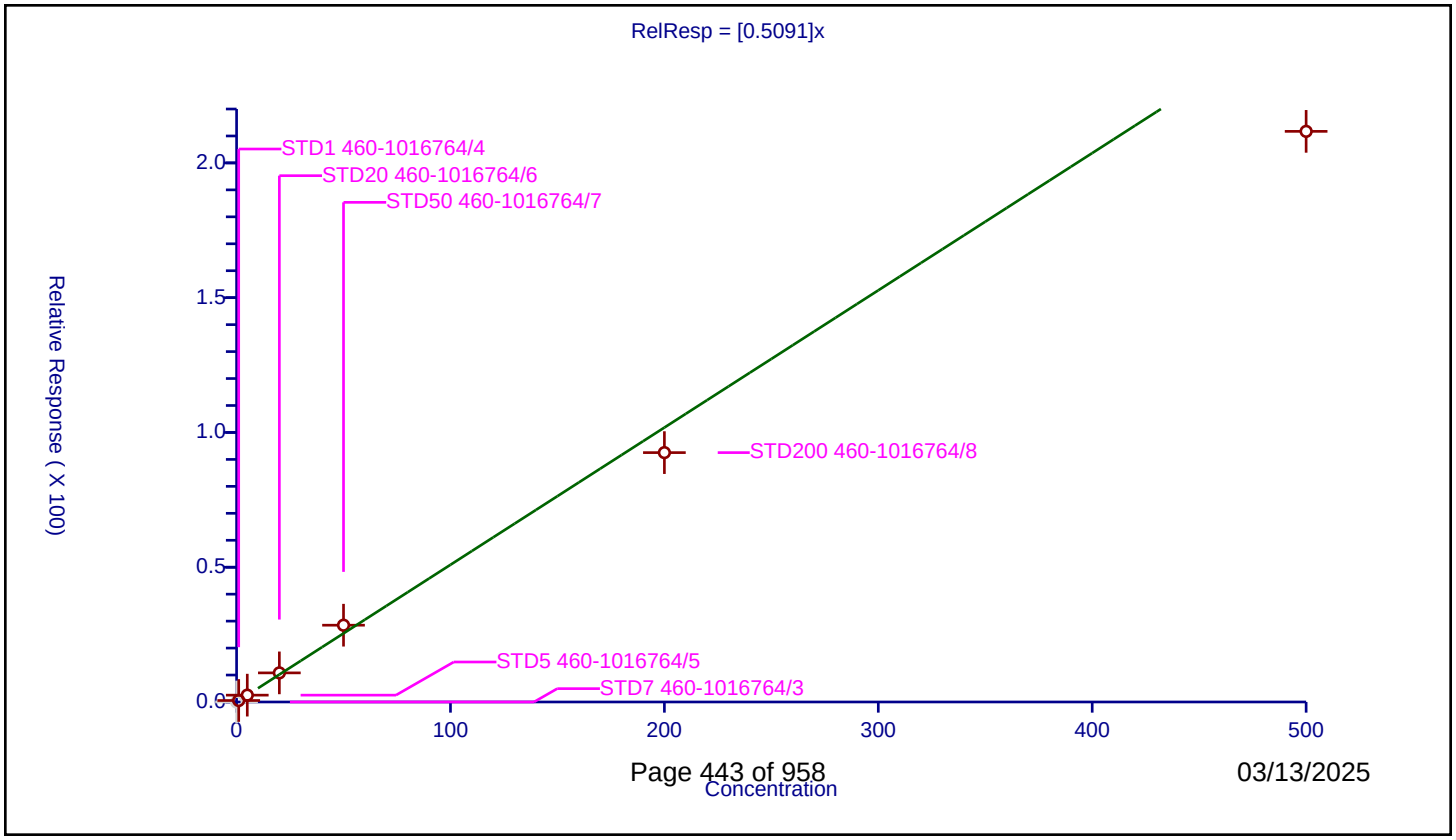
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5091 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.551117 | 50.0 | 483291.0 | 0.551117 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.540319 | 50.0 | 534362.0 | 0.508064 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 10.797262 | 50.0 | 458607.0 | 0.539863 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 28.484625 | 50.0 | 440241.0 | 0.569693 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 92.516294 | 50.0 | 495276.0 | 0.462581 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 211.710338 | 50.0 | 536432.0 | 0.423421 | Y |



## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

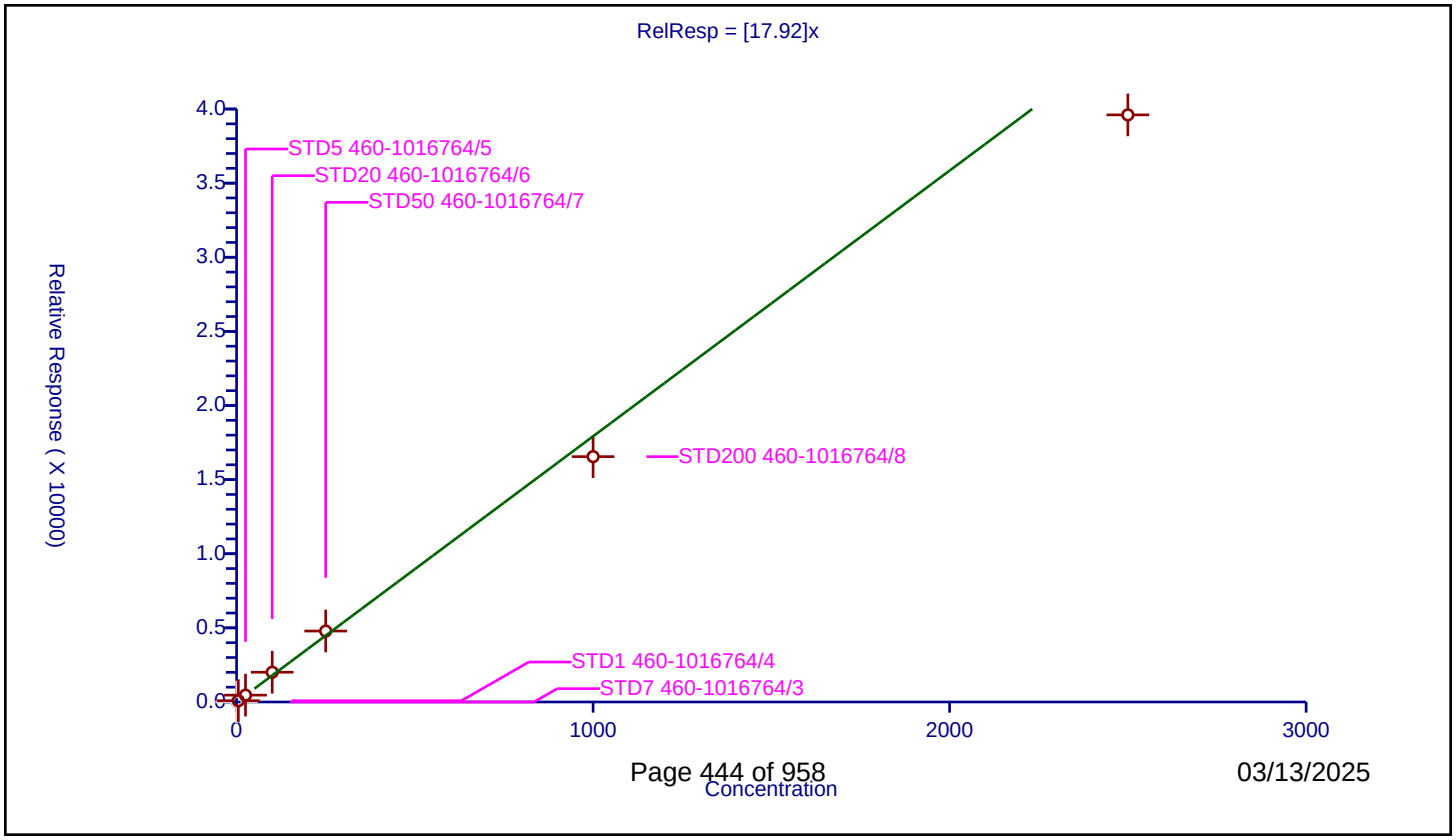
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 17.92 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 5.0 | 87.149784 | 1000.0 | 59392.0 | 17.429957 | Y |
| 3 | STD5 460-1016764/5 | 25.0 | 462.740385 | 1000.0 | 64064.0 | 18.509615 | Y |
| 4 | STD20 460-1016764/6 | 100.0 | 2005.983079 | 1000.0 | 54487.0 | 20.059831 | Y |
| 5 | STD50 460-1016764/7 | 250.0 | 4785.173132 | 1000.0 | 57153.0 | 19.140693 | Y |
| 6 | STD200 460-1016764/8 | 1000.0 | 16551.062534 | 1000.0 | 67339.0 | 16.551063 | Y |
| 7 | STD500 460-1016764/9 | 2500.0 | 39605.107367 | 1000.0 | 65709.0 | 15.842043 | Y |



## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

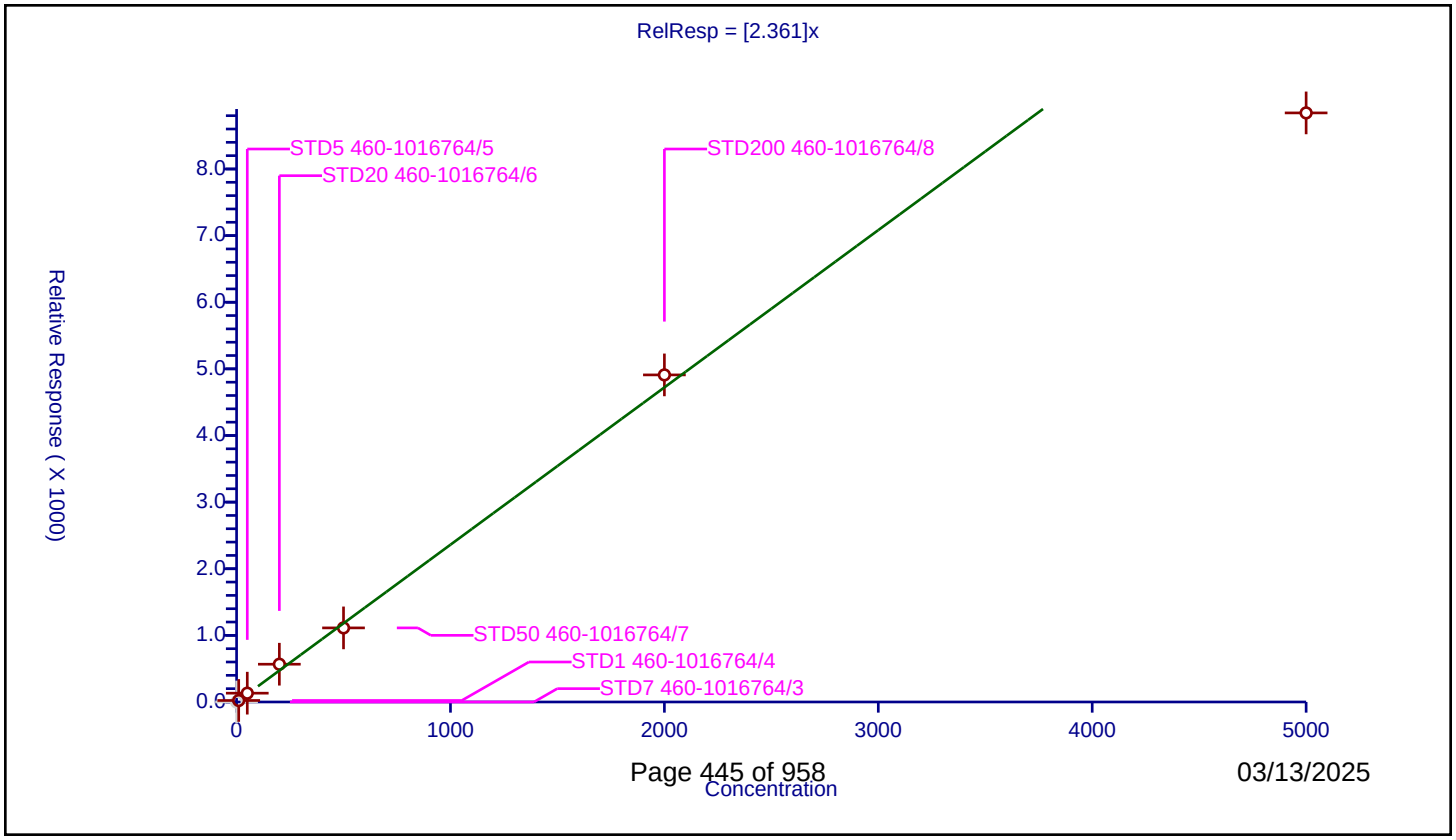
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.361 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 10.0 | 22.410426 | 1000.0 | 59392.0 | 2.241043 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 132.102273 | 1000.0 | 64064.0 | 2.642045 | Y |
| 4 | STD20 460-1016764/6 | 200.0 | 566.92422 | 1000.0 | 54487.0 | 2.834621 | Y |
| 5 | STD50 460-1016764/7 | 500.0 | 1111.99762 | 1000.0 | 57153.0 | 2.223995 | Y |
| 6 | STD200 460-1016764/8 | 2000.0 | 4909.205661 | 1000.0 | 67339.0 | 2.454603 | Y |
| 7 | STD500 460-1016764/9 | 5000.0 | 8841.756837 | 1000.0 | 65709.0 | 1.768351 | Y |



## Calibration / Iodomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

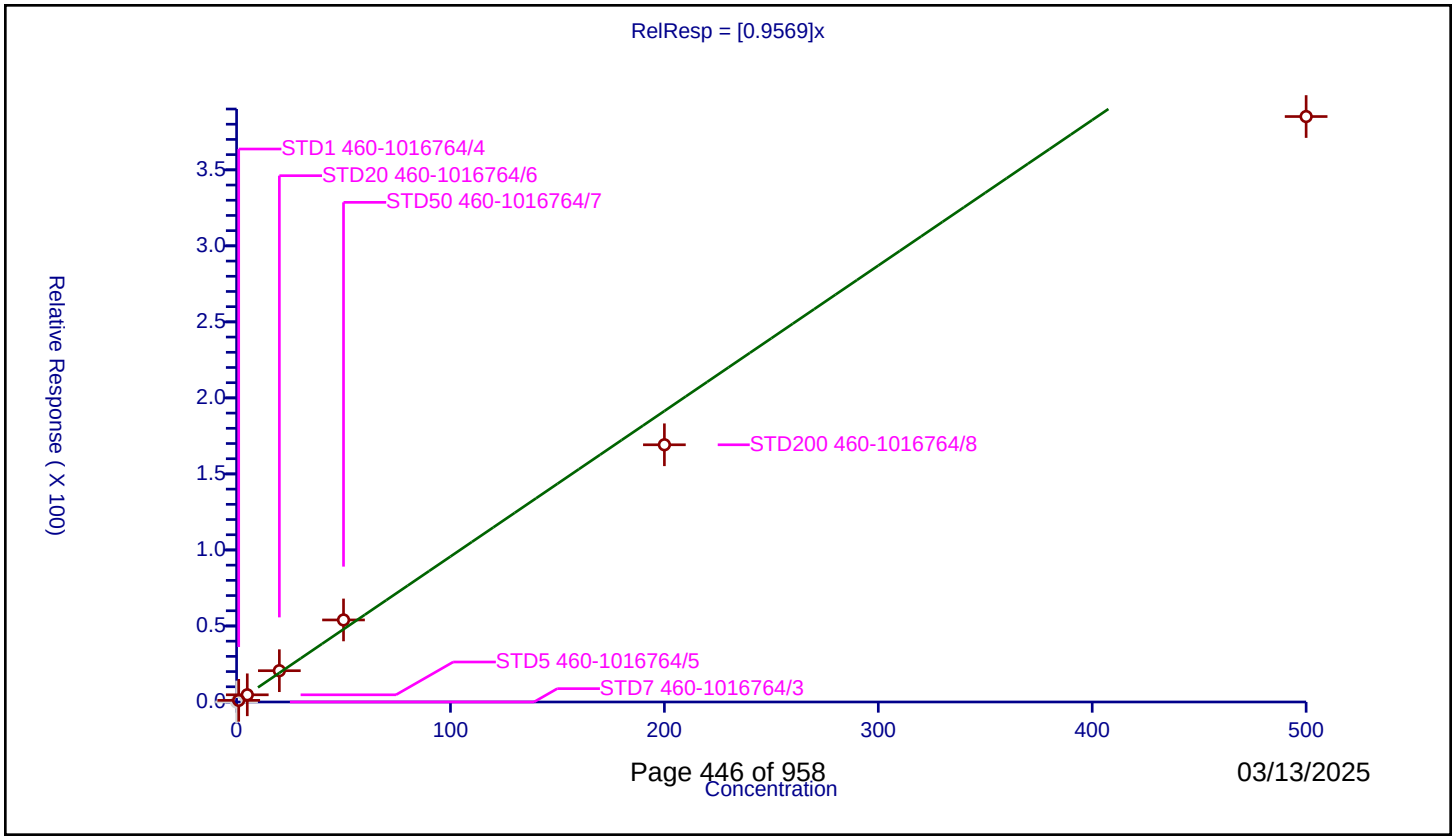
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9569 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.072749 | 50.0 | 483291.0 | 1.072749 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 4.72236 | 50.0 | 534362.0 | 0.944472 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 20.580693 | 50.0 | 458607.0 | 1.029035 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 53.954084 | 50.0 | 440241.0 | 1.079082 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 169.161134 | 50.0 | 495276.0 | 0.845806 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 385.053744 | 50.0 | 536432.0 | 0.770107 | Y |



## Calibration / Carbon disulfide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

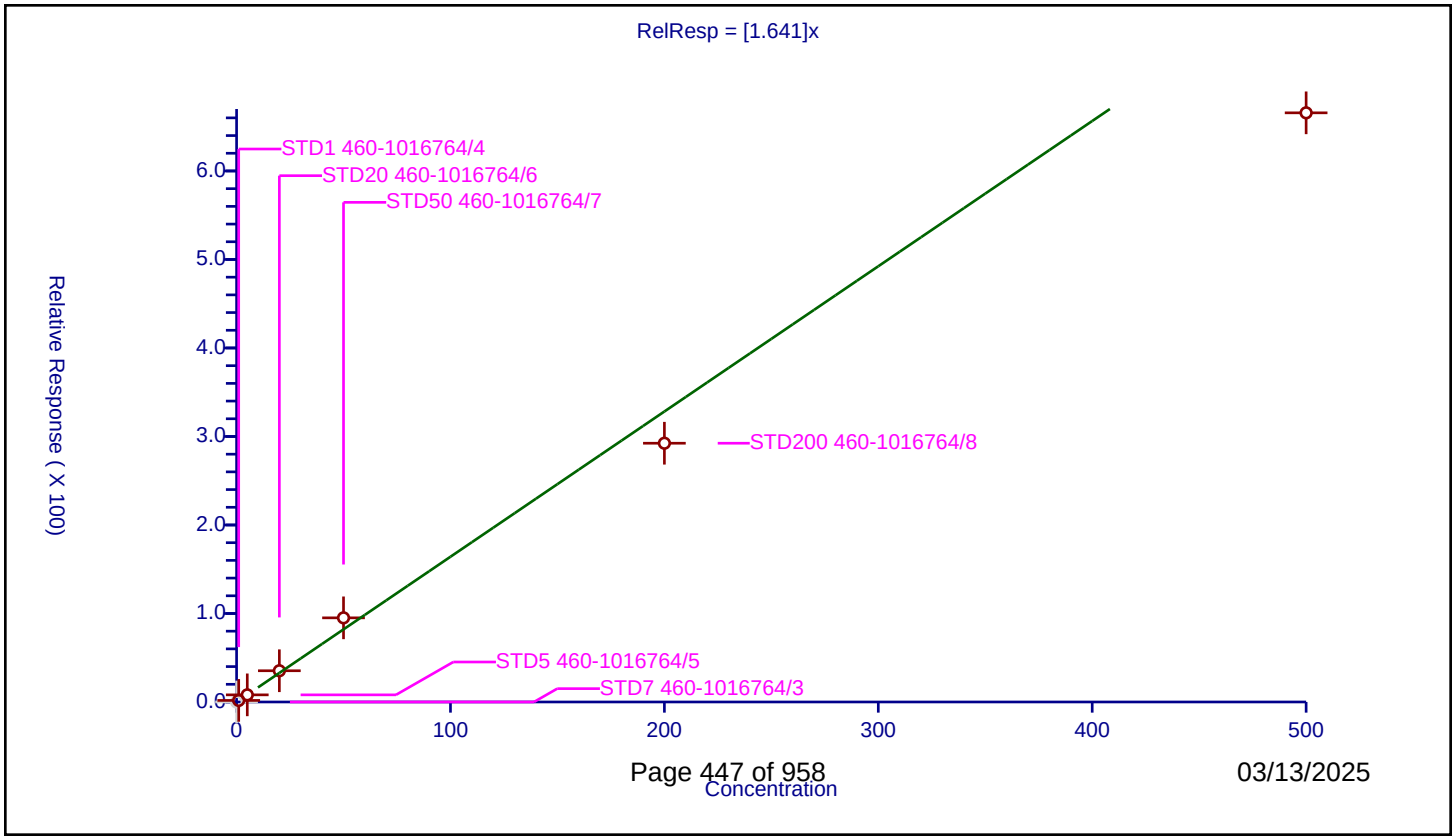
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.641 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.776466 | 50.0 | 483291.0 | 1.776466 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 8.055494 | 50.0 | 534362.0 | 1.611099 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 35.287403 | 50.0 | 458607.0 | 1.76437 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 95.065089 | 50.0 | 440241.0 | 1.901302 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 292.385761 | 50.0 | 495276.0 | 1.461929 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 665.692297 | 50.0 | 536432.0 | 1.331385 | Y |



## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

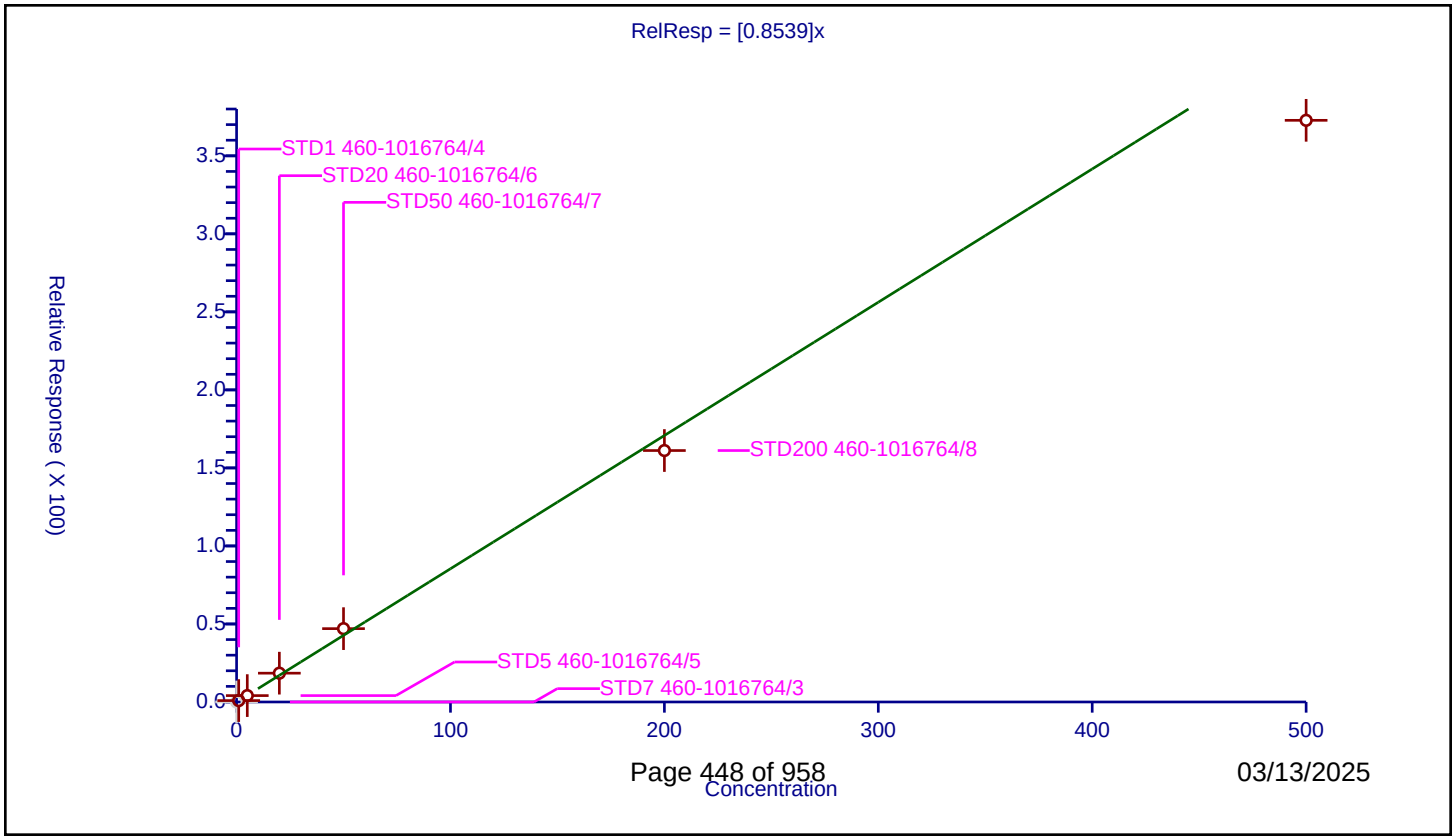
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8539 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.889112 | 50.0 | 483291.0 | 0.889112 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 4.100123 | 50.0 | 534362.0 | 0.820025 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 18.461995 | 50.0 | 458607.0 | 0.9231 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 46.99903 | 50.0 | 440241.0 | 0.939981 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 161.133186 | 50.0 | 495276.0 | 0.805666 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 372.75815 | 50.0 | 536432.0 | 0.745516 | Y |



## Calibration / Methyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

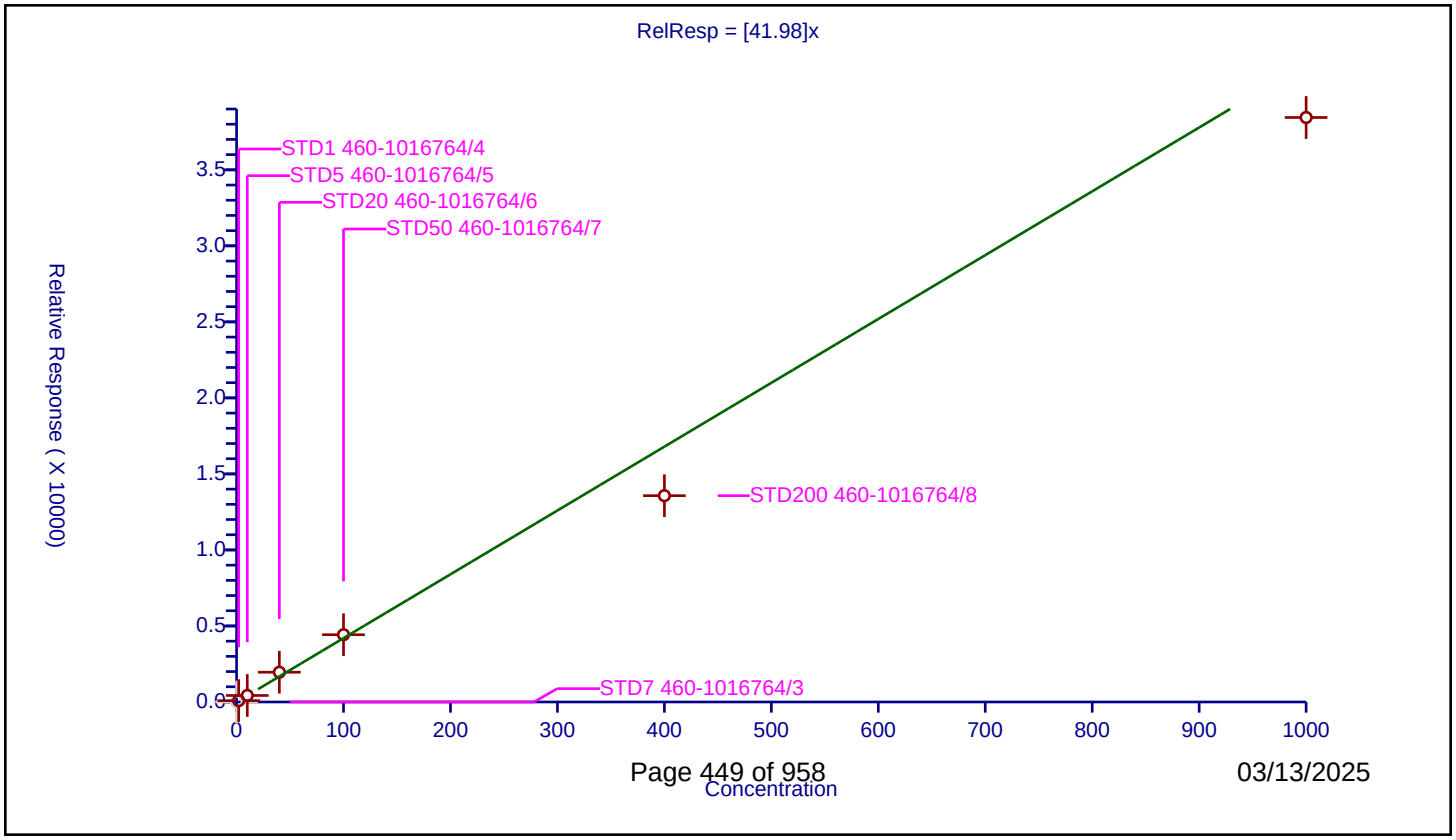
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 41.98 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 2.0 | 86.796202 | 1000.0 | 59392.0 | 43.398101 | Y |
| 3 | STD5 460-1016764/5 | 10.0 | 429.30507 | 1000.0 | 64064.0 | 42.930507 | Y |
| 4 | STD20 460-1016764/6 | 40.0 | 1958.613981 | 1000.0 | 54487.0 | 48.96535 | Y |
| 5 | STD50 460-1016764/7 | 100.0 | 4423.442339 | 1000.0 | 57153.0 | 44.234423 | Y |
| 6 | STD200 460-1016764/8 | 400.0 | 13569.239222 | 1000.0 | 67339.0 | 33.923098 | Y |
| 7 | STD500 460-1016764/9 | 1000.0 | 38442.876927 | 1000.0 | 65709.0 | 38.442877 | Y |



## Calibration / Cyclopentene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

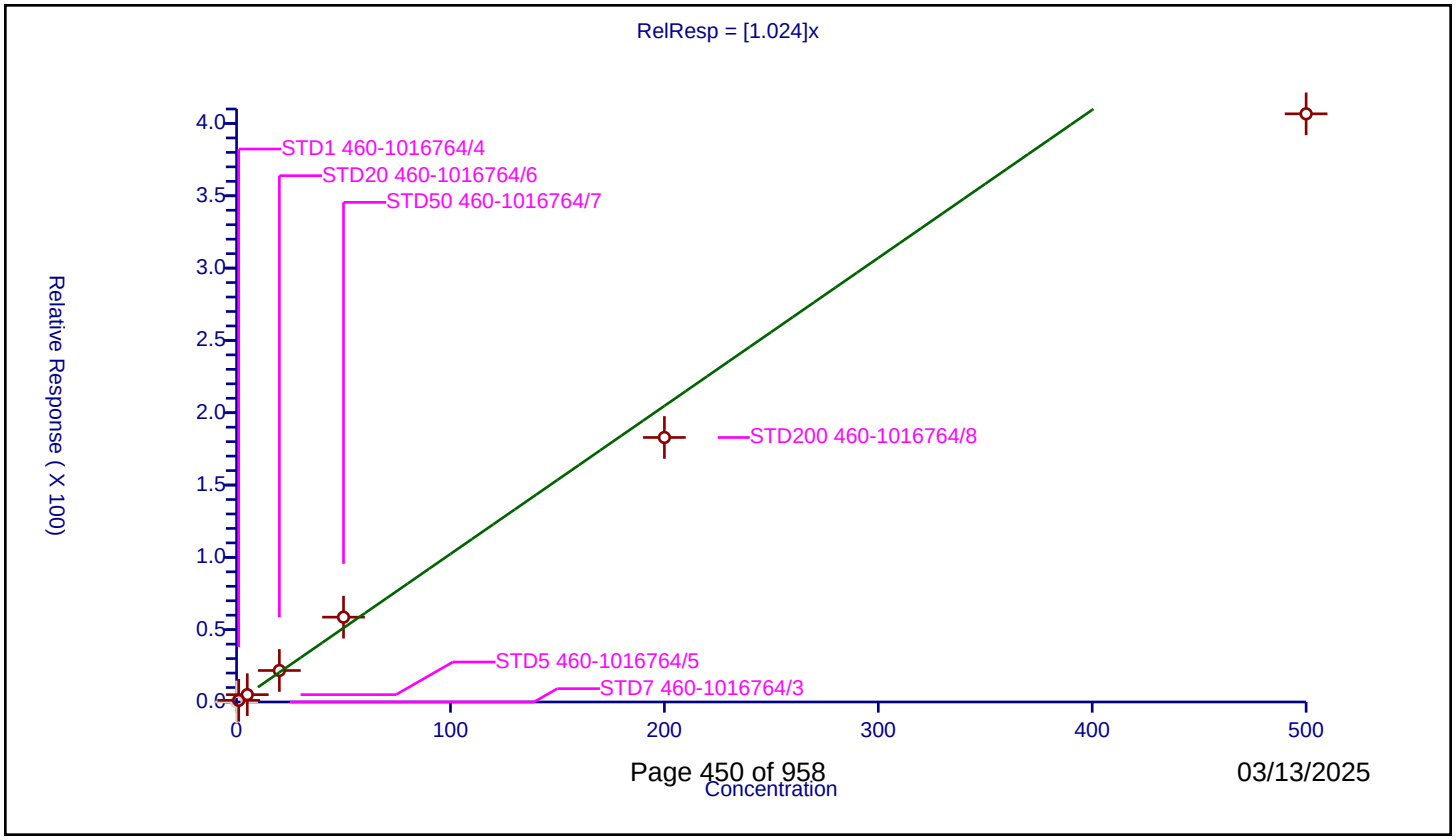
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.024 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.133996 | 50.0 | 483291.0 | 1.133996 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 5.086252 | 50.0 | 534362.0 | 1.01725 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 21.780195 | 50.0 | 458607.0 | 1.08901 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 58.655373 | 50.0 | 440241.0 | 1.173107 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 182.893175 | 50.0 | 495276.0 | 0.914466 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 406.6878 | 50.0 | 536432.0 | 0.813376 | Y |



## Calibration / Acetonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

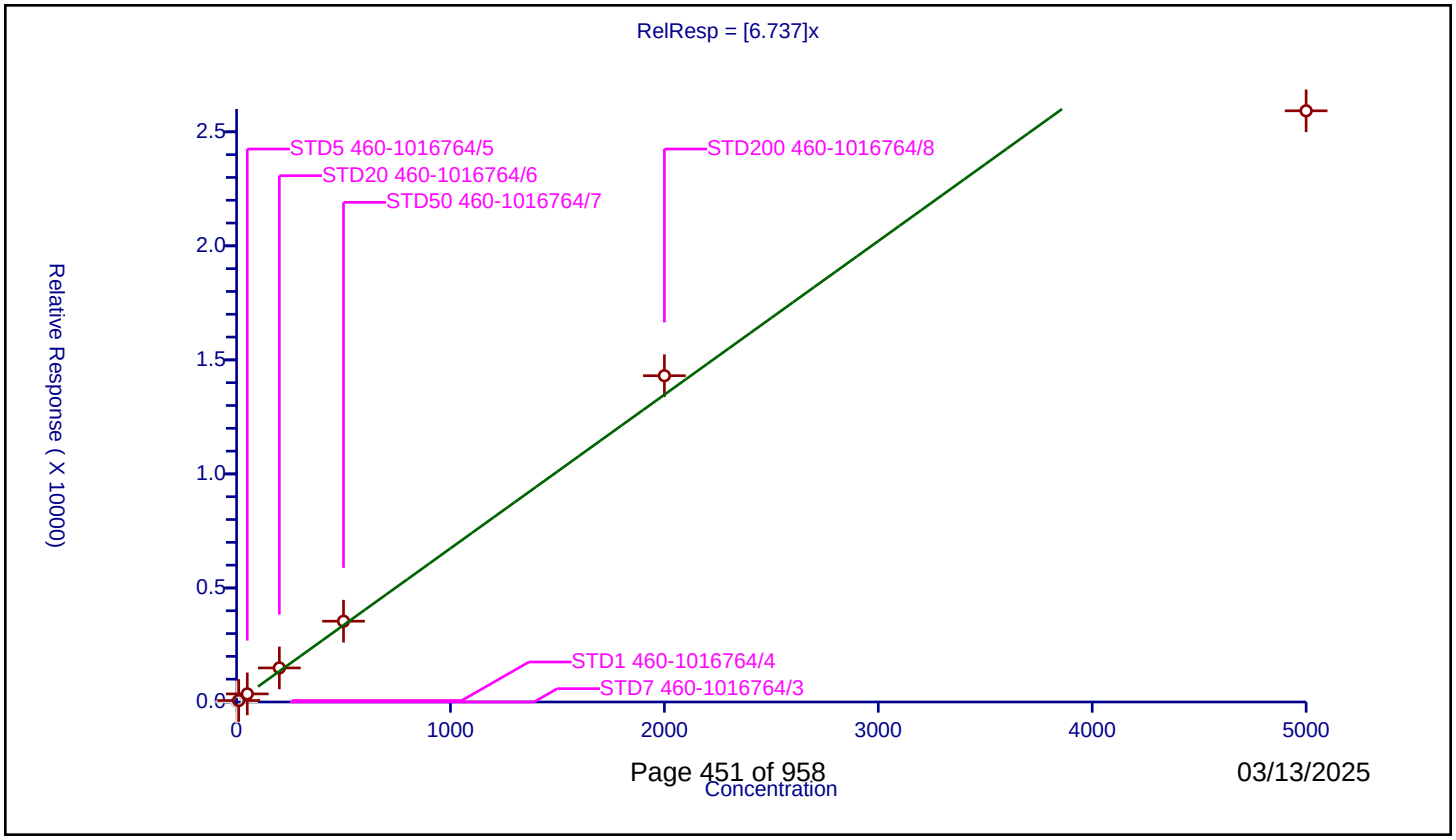
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 6.737 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 10.0 | 64.503637 | 1000.0 | 59392.0 | 6.450364 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 354.301948 | 1000.0 | 64064.0 | 7.086039 | Y |
| 4 | STD20 460-1016764/6 | 200.0 | 1493.200213 | 1000.0 | 54487.0 | 7.466001 | Y |
| 5 | STD50 460-1016764/7 | 500.0 | 3541.686351 | 1000.0 | 57153.0 | 7.083373 | Y |
| 6 | STD200 460-1016764/8 | 2000.0 | 14305.796047 | 1000.0 | 67339.0 | 7.152898 | Y |
| 7 | STD500 460-1016764/9 | 5000.0 | 25921.791535 | 1000.0 | 65709.0 | 5.184358 | Y |



## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

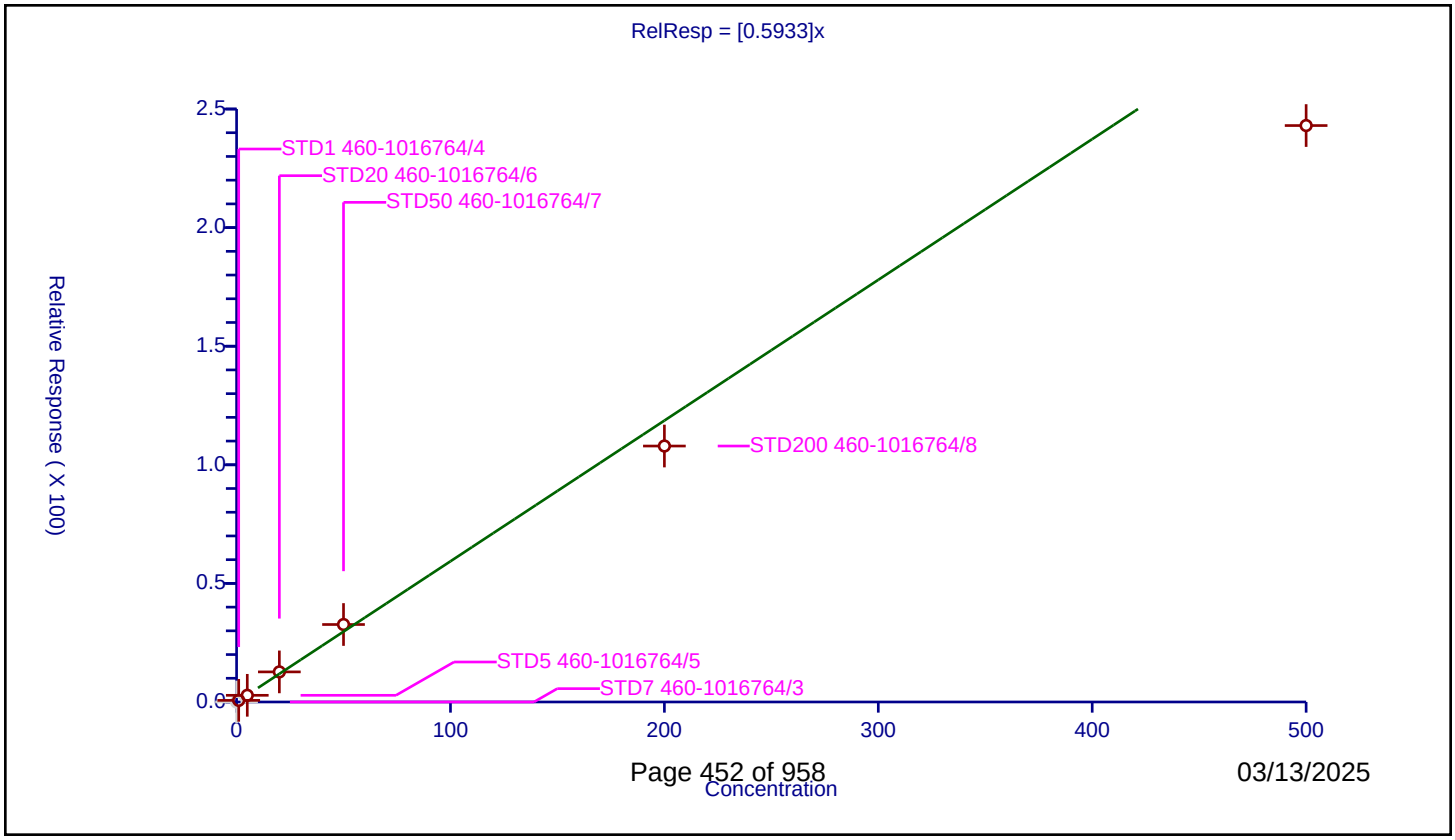
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5933 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.682405 | 50.0 | 483291.0 | 0.682405 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.818408 | 50.0 | 534362.0 | 0.563682 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 12.691477 | 50.0 | 458607.0 | 0.634574 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 32.662905 | 50.0 | 440241.0 | 0.653258 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 107.91488 | 50.0 | 495276.0 | 0.539574 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 243.032388 | 50.0 | 536432.0 | 0.486065 | 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 |

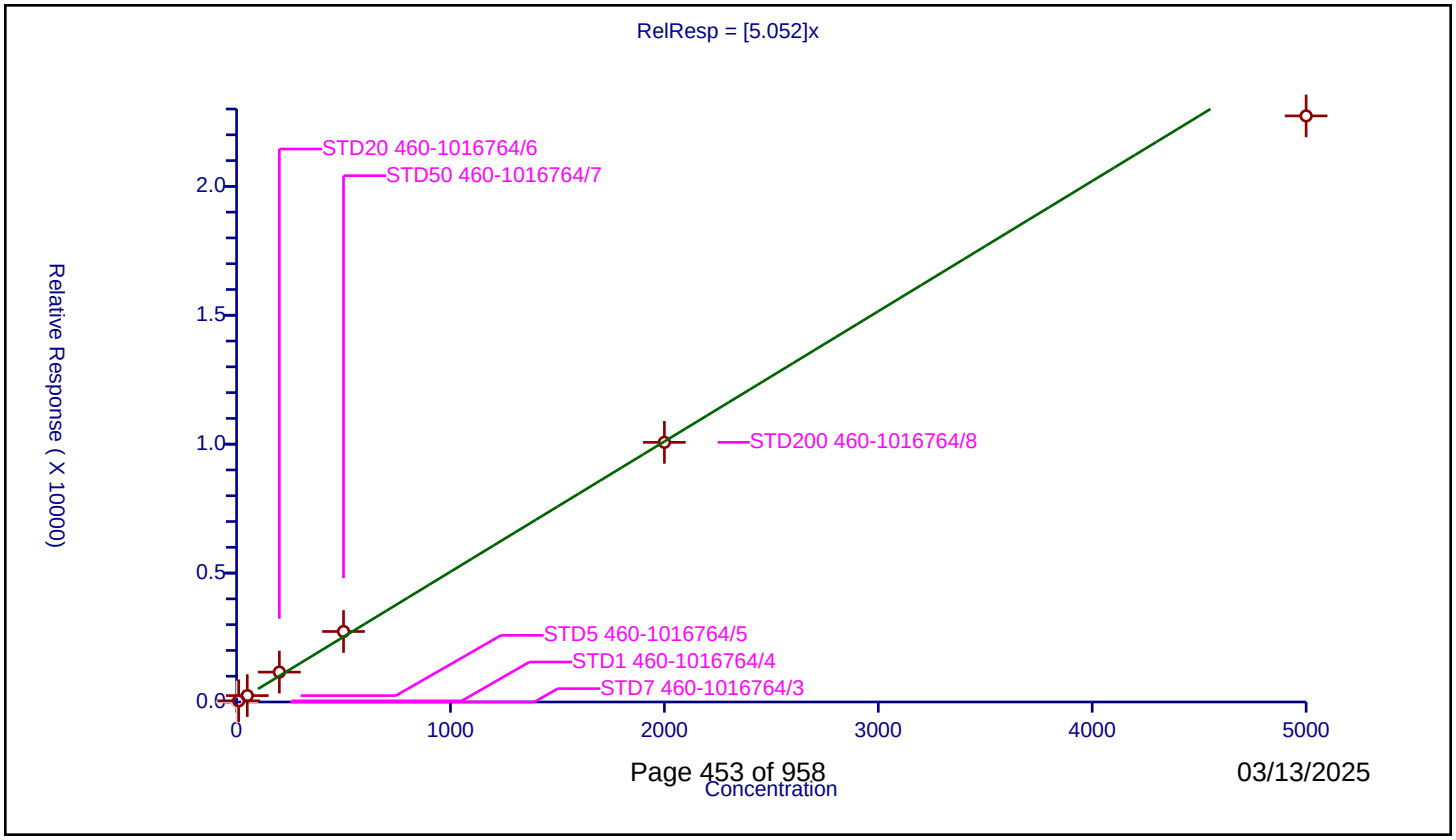
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.052 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 2.0 | 0.0 | 1000.0 | 71853.0 | 0.0 | N |
| 2 | STD1 460-1016764/4 | 10.0 | 45.056573 | 1000.0 | 59392.0 | 4.505657 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 248.095654 | 1000.0 | 64064.0 | 4.961913 | Y |
| 4 | STD20 460-1016764/6 | 200.0 | 1158.624993 | 1000.0 | 54487.0 | 5.793125 | Y |
| 5 | STD50 460-1016764/7 | 500.0 | 2733.977219 | 1000.0 | 57153.0 | 5.467954 | Y |
| 6 | STD200 460-1016764/8 | 2000.0 | 10070.895024 | 1000.0 | 67339.0 | 5.035448 | Y |
| 7 | STD500 460-1016764/9 | 5000.0 | 22732.974174 | 1000.0 | 65709.0 | 4.546595 | 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 |

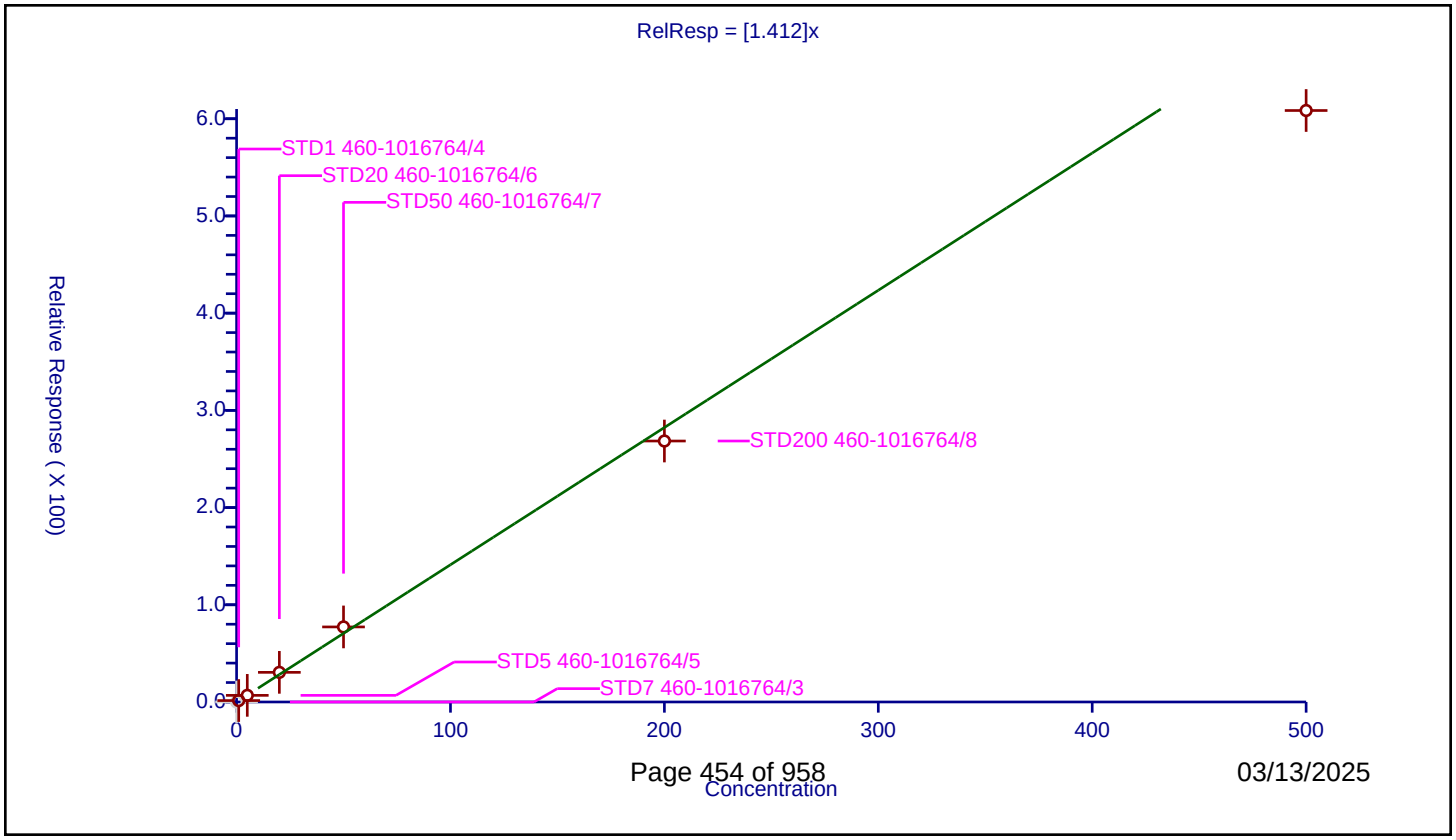
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.412 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.477474 | 50.0 | 483291.0 | 1.477474 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 6.826458 | 50.0 | 534362.0 | 1.365292 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 30.488741 | 50.0 | 458607.0 | 1.524437 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 77.204418 | 50.0 | 440241.0 | 1.544088 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 268.458496 | 50.0 | 495276.0 | 1.342292 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 608.473488 | 50.0 | 536432.0 | 1.216947 | 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 |

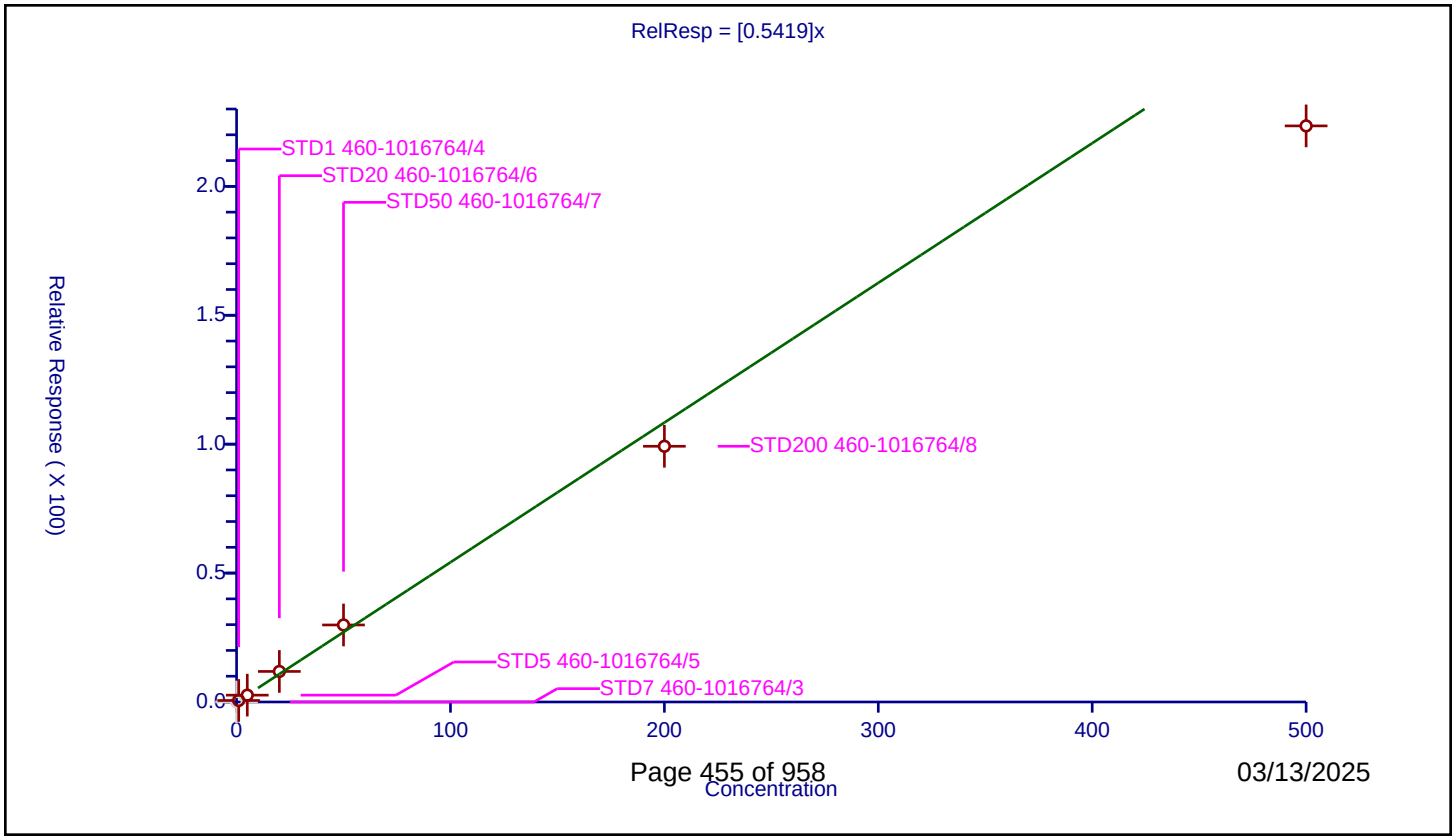
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5419 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.588879 | 50.0 | 483291.0 | 0.588879 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.648298 | 50.0 | 534362.0 | 0.52966 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 11.844237 | 50.0 | 458607.0 | 0.592212 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 29.877158 | 50.0 | 440241.0 | 0.597543 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 99.188533 | 50.0 | 495276.0 | 0.495943 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 223.457493 | 50.0 | 536432.0 | 0.446915 | Y |



## Calibration / Acrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

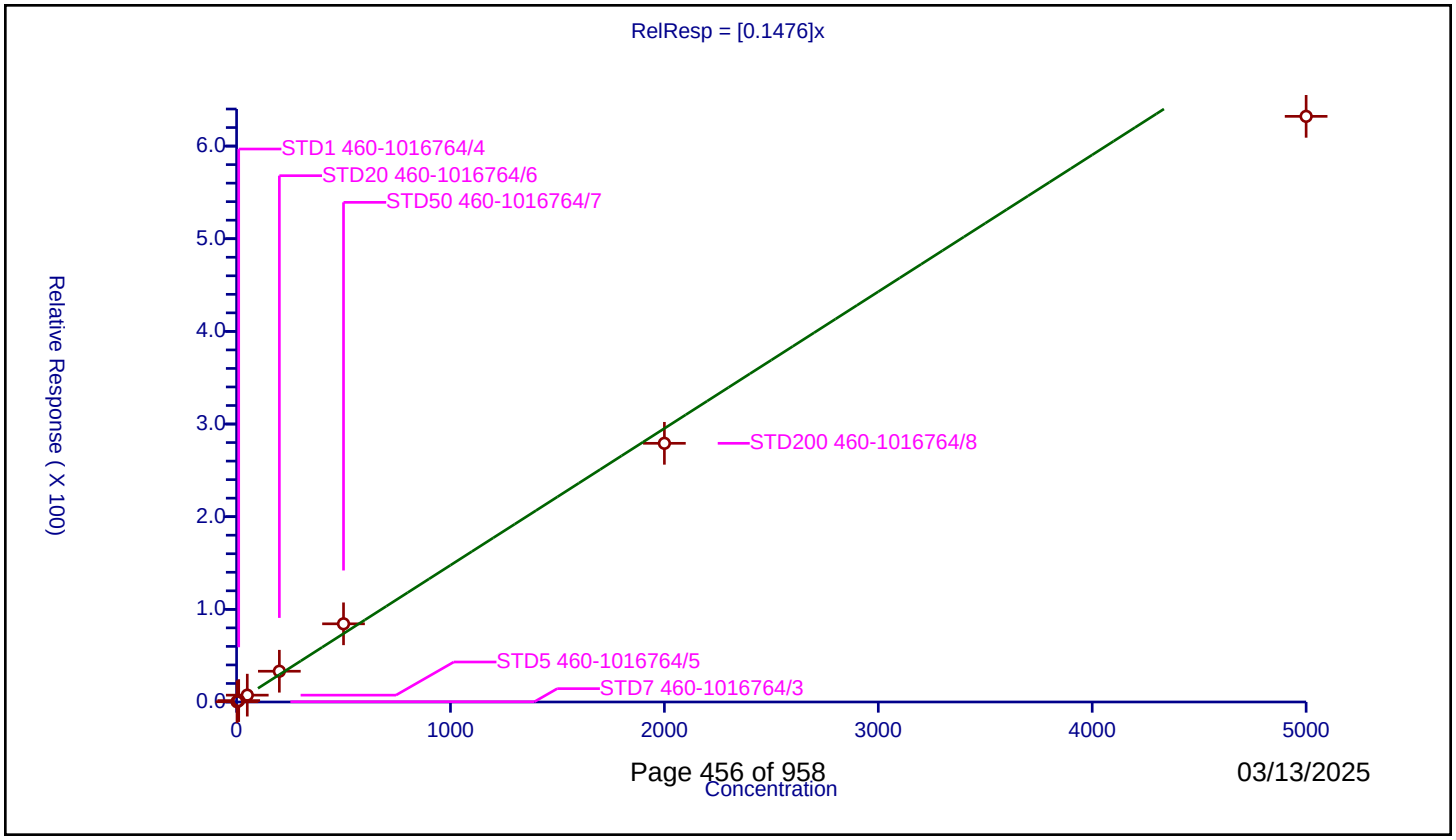
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1476 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 2.0 | 0.268921 | 50.0 | 556297.0 | 0.134461 | Y |
| 2 | STD1 460-1016764/4 | 10.0 | 1.507166 | 50.0 | 483291.0 | 0.150717 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 7.37253 | 50.0 | 534362.0 | 0.147451 | Y |
| 4 | STD20 460-1016764/6 | 200.0 | 33.196506 | 50.0 | 458607.0 | 0.165983 | Y |
| 5 | STD50 460-1016764/7 | 500.0 | 84.378443 | 50.0 | 440241.0 | 0.168757 | Y |
| 6 | STD200 460-1016764/8 | 2000.0 | 279.190391 | 50.0 | 495276.0 | 0.139595 | Y |
| 7 | STD500 460-1016764/9 | 5000.0 | 632.071446 | 50.0 | 536432.0 | 0.126414 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

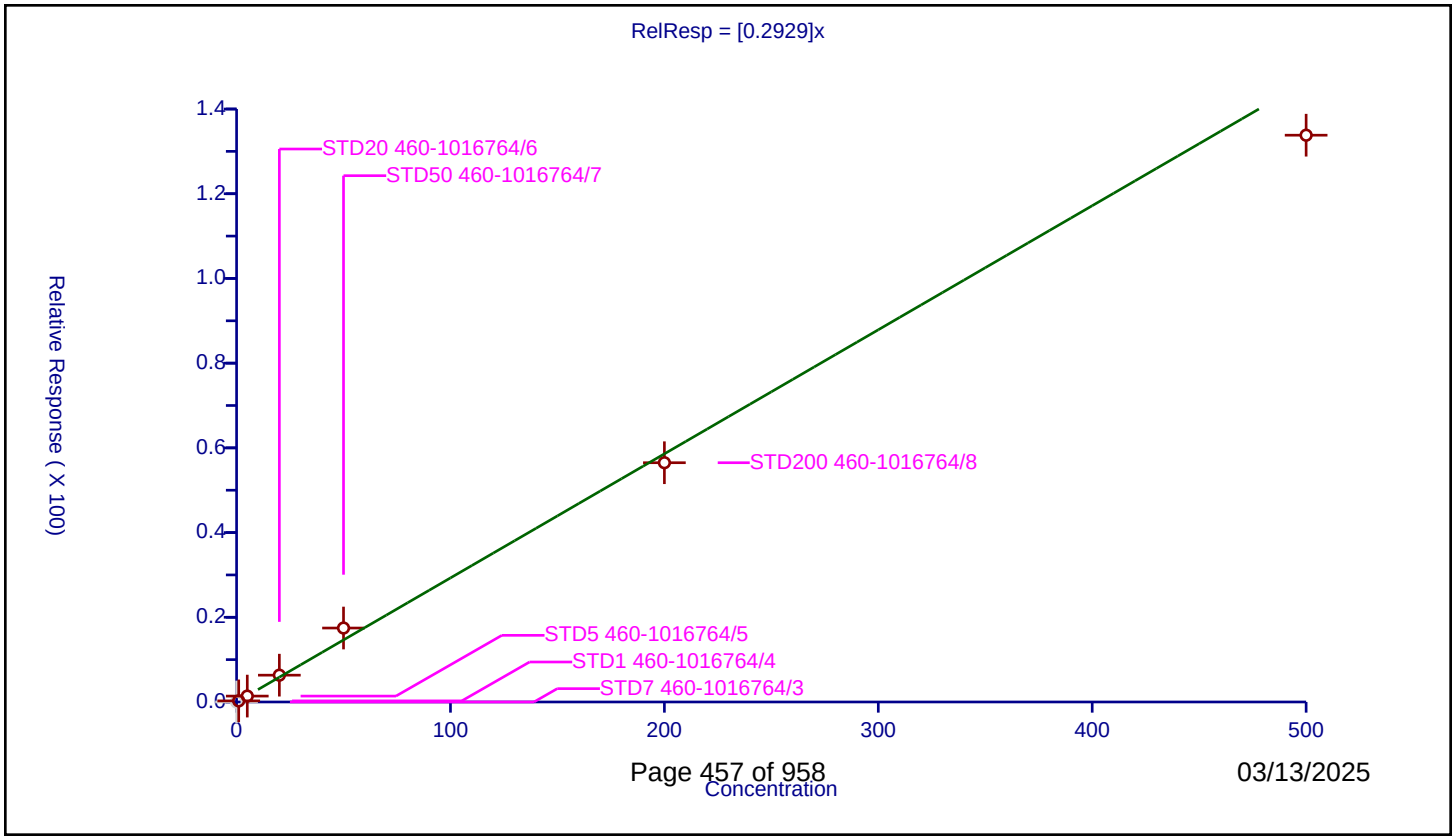
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2929 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.262678 | 50.0 | 483291.0 | 0.262678 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.395122 | 50.0 | 534362.0 | 0.279024 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 6.331565 | 50.0 | 458607.0 | 0.316578 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 17.459187 | 50.0 | 440241.0 | 0.349184 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 56.492642 | 50.0 | 495276.0 | 0.282463 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 133.819664 | 50.0 | 536432.0 | 0.267639 | Y |



## Calibration / Isopropyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

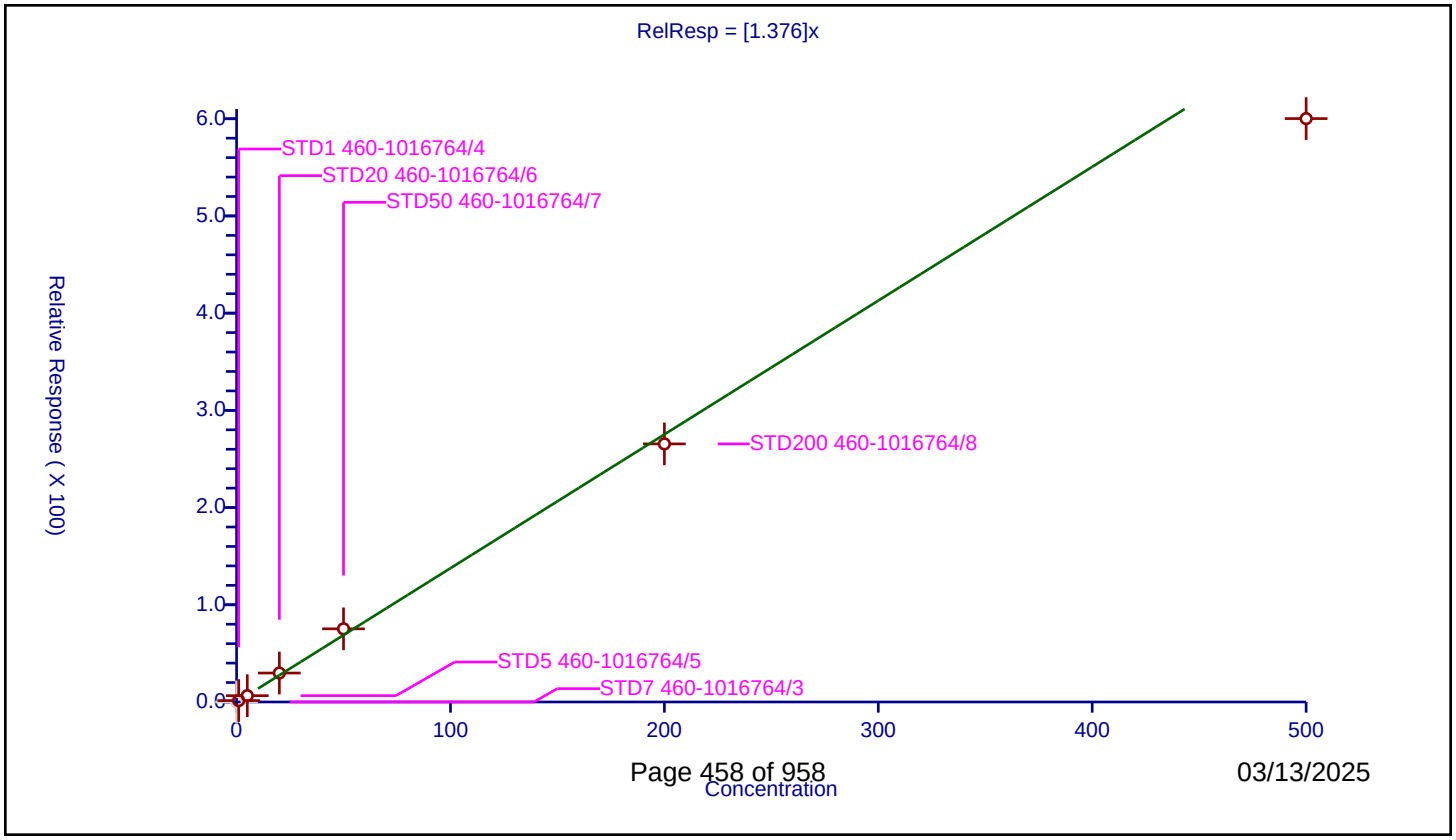
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.376 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.440023 | 50.0 | 483291.0 | 1.440023 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 6.484181 | 50.0 | 534362.0 | 1.296836 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 29.765464 | 50.0 | 458607.0 | 1.488273 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 75.253895 | 50.0 | 440241.0 | 1.505078 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 265.492776 | 50.0 | 495276.0 | 1.327464 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 600.138881 | 50.0 | 536432.0 | 1.200278 | Y |



## Calibration / Vinyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

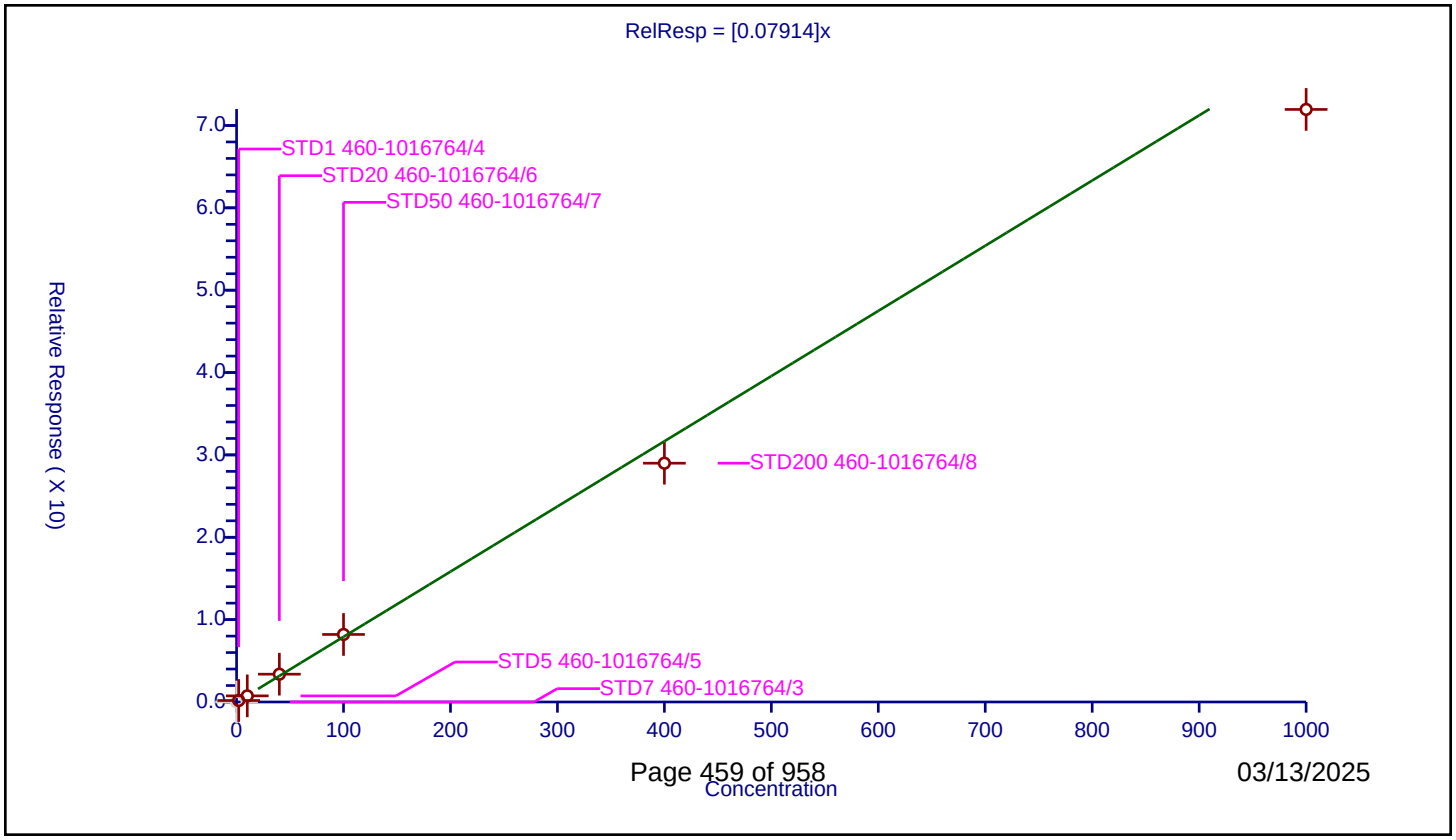
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07914 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 2.0 | 0.179602 | 50.0 | 483291.0 | 0.089801 | Y |
| 3 | STD5 460-1016764/5 | 10.0 | 0.742287 | 50.0 | 534362.0 | 0.074229 | Y |
| 4 | STD20 460-1016764/6 | 40.0 | 3.376529 | 50.0 | 458607.0 | 0.084413 | Y |
| 5 | STD50 460-1016764/7 | 100.0 | 8.198578 | 50.0 | 440241.0 | 0.081986 | Y |
| 6 | STD200 460-1016764/8 | 400.0 | 28.99242 | 50.0 | 495276.0 | 0.072481 | Y |
| 7 | STD500 460-1016764/9 | 1000.0 | 71.948914 | 50.0 | 536432.0 | 0.071949 | Y |



## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

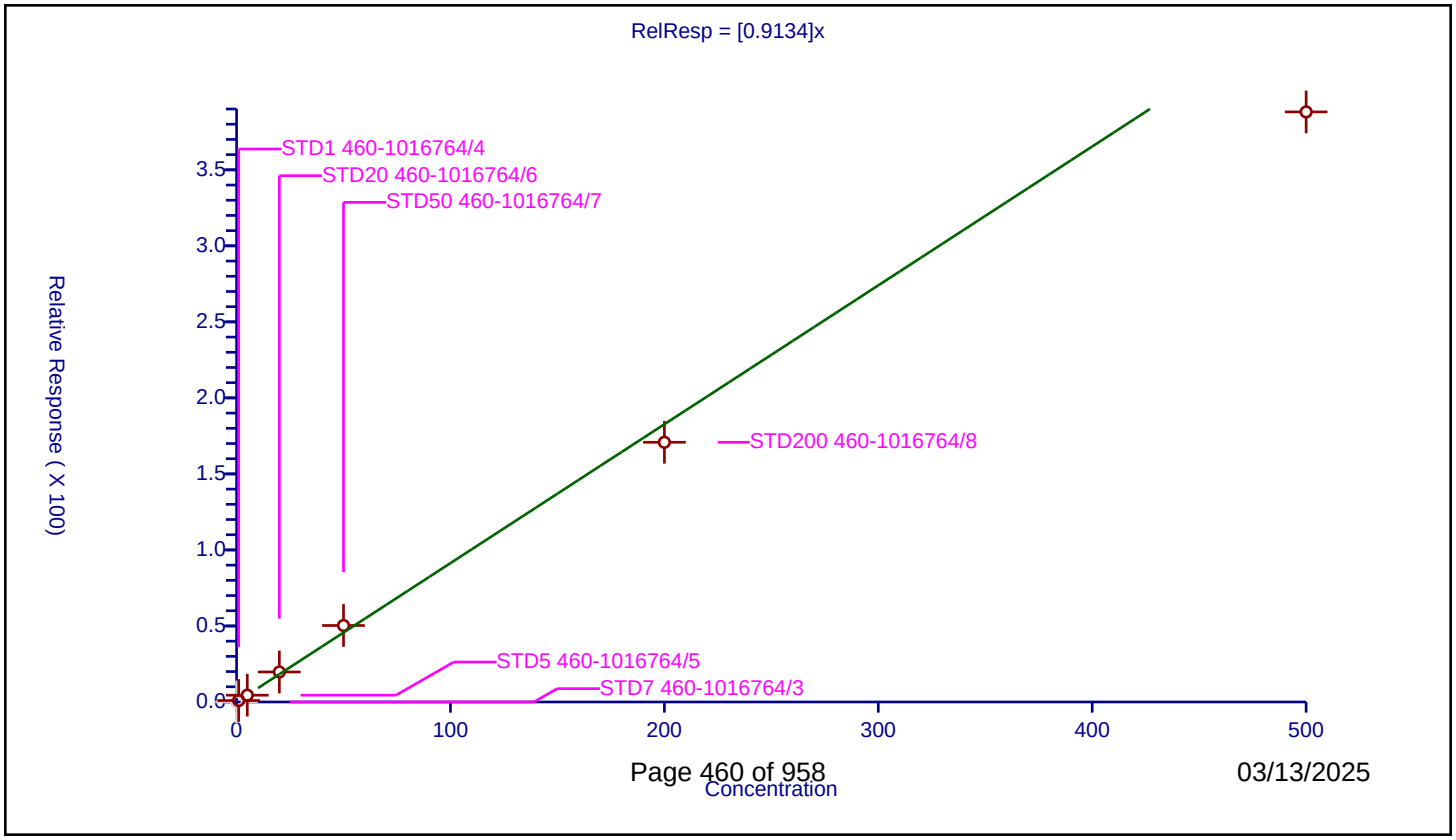
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9134 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.962464 | 50.0 | 483291.0 | 0.962464 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 4.470003 | 50.0 | 534362.0 | 0.894001 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 19.748063 | 50.0 | 458607.0 | 0.987403 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 50.303016 | 50.0 | 440241.0 | 1.00606 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 170.813546 | 50.0 | 495276.0 | 0.854068 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 388.105575 | 50.0 | 536432.0 | 0.776211 | 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 |

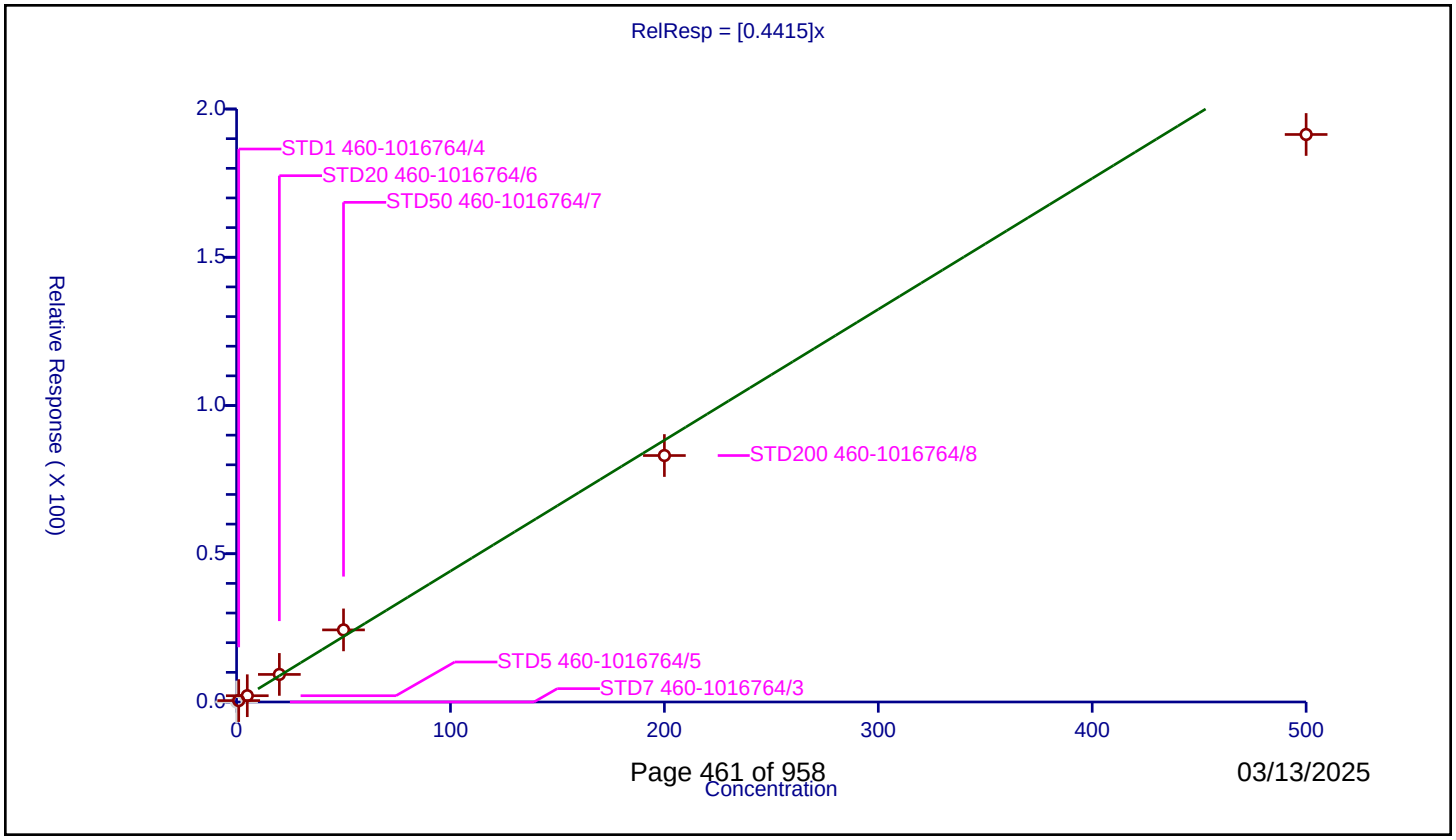
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4415 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.475076 | 50.0 | 483291.0 | 0.475076 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.121034 | 50.0 | 534362.0 | 0.424207 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 9.296958 | 50.0 | 458607.0 | 0.464848 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 24.312479 | 50.0 | 440241.0 | 0.48625 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 83.133344 | 50.0 | 495276.0 | 0.415667 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 191.40879 | 50.0 | 536432.0 | 0.382818 | 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 |

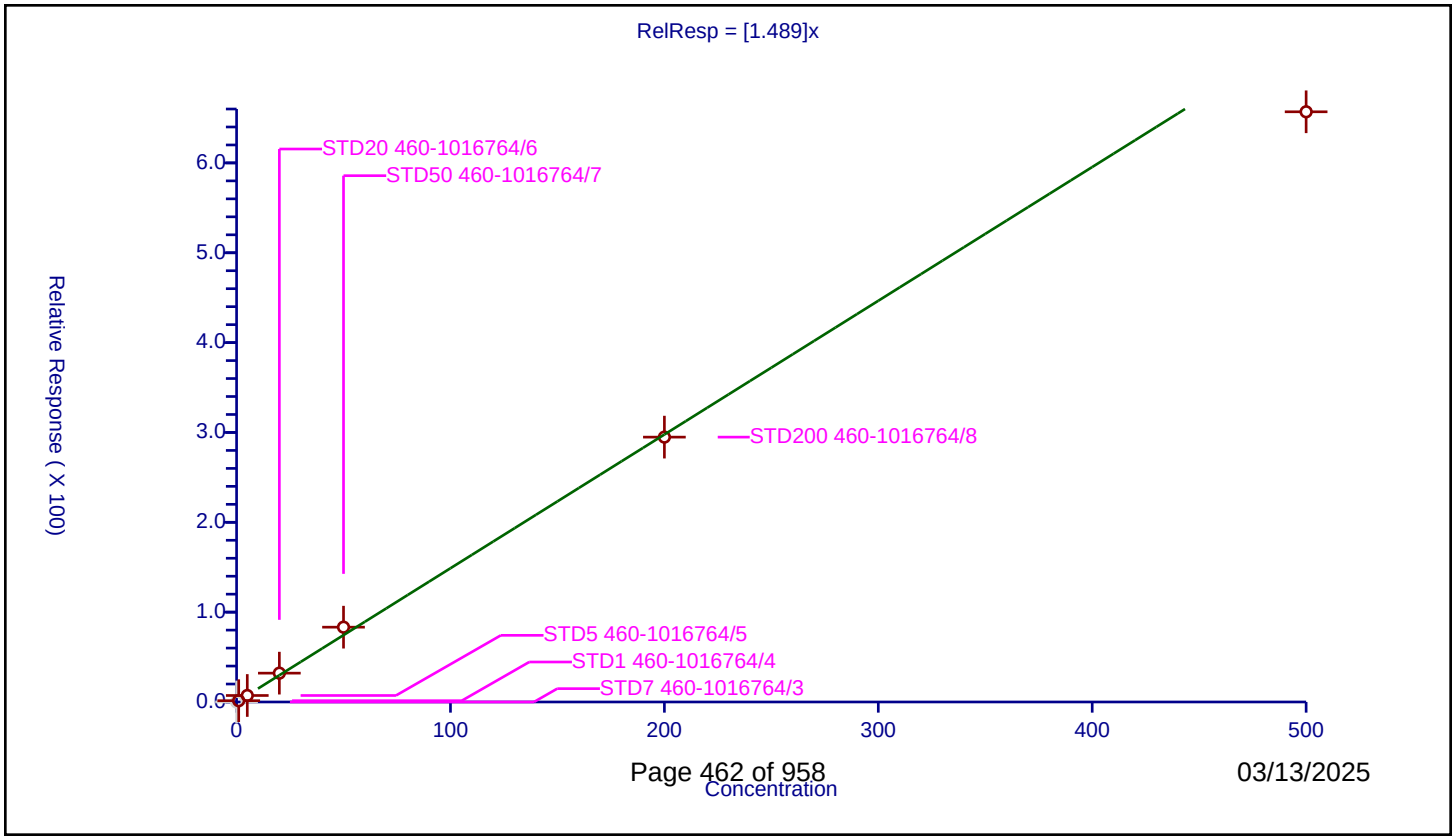
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.489 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.428332 | 50.0 | 483291.0 | 1.428332 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 7.222258 | 50.0 | 534362.0 | 1.444452 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 32.102432 | 50.0 | 458607.0 | 1.605122 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 83.277455 | 50.0 | 440241.0 | 1.665549 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 294.805018 | 50.0 | 495276.0 | 1.474025 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 656.921567 | 50.0 | 536432.0 | 1.313843 | Y |



## Calibration / 2,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

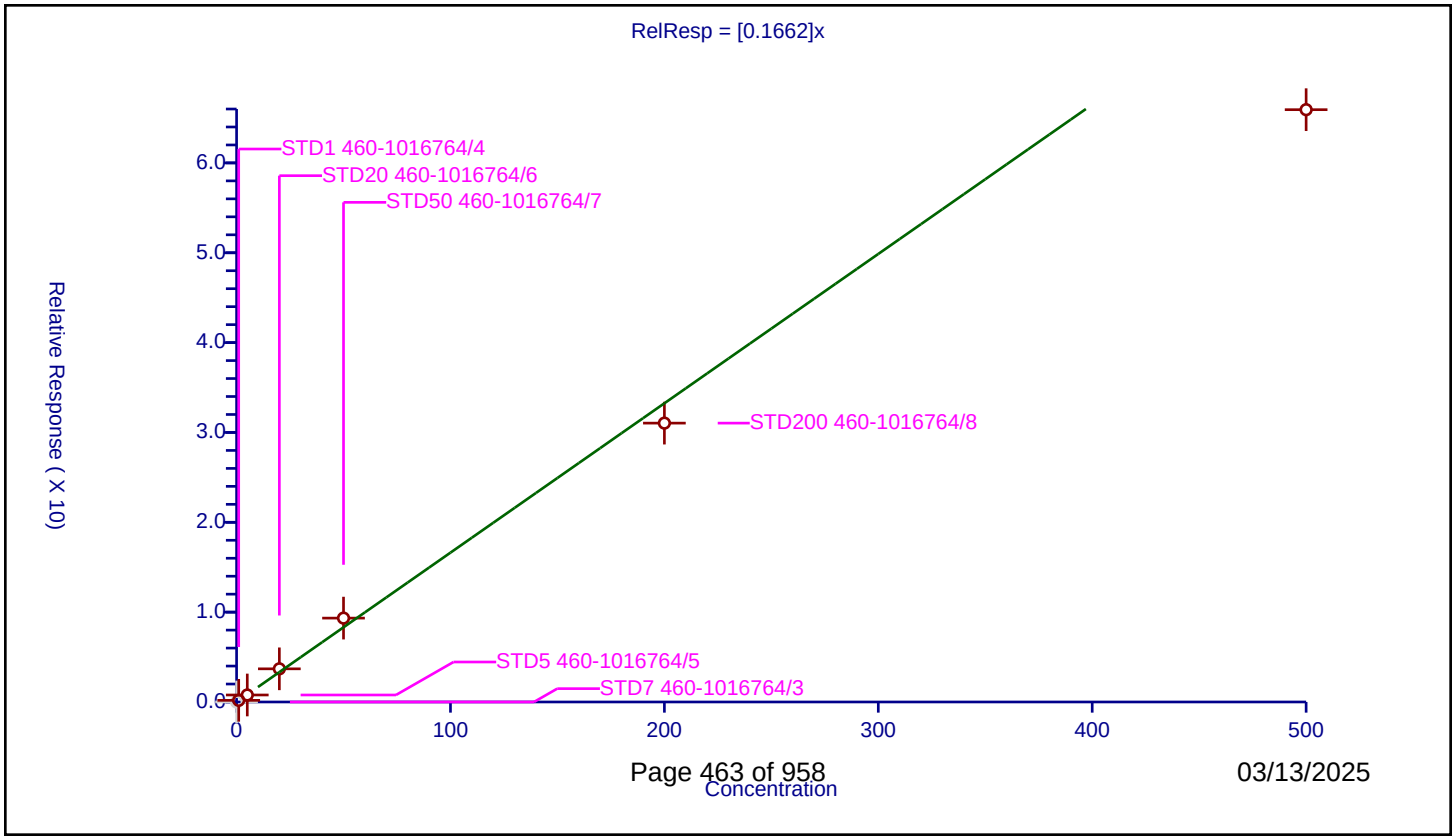
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1662 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.18343 | 50.0 | 483291.0 | 0.18343 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 0.778218 | 50.0 | 534362.0 | 0.155644 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 3.690742 | 50.0 | 458607.0 | 0.184537 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 9.335796 | 50.0 | 440241.0 | 0.186716 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 31.040268 | 50.0 | 495276.0 | 0.155201 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 65.92597 | 50.0 | 536432.0 | 0.131852 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

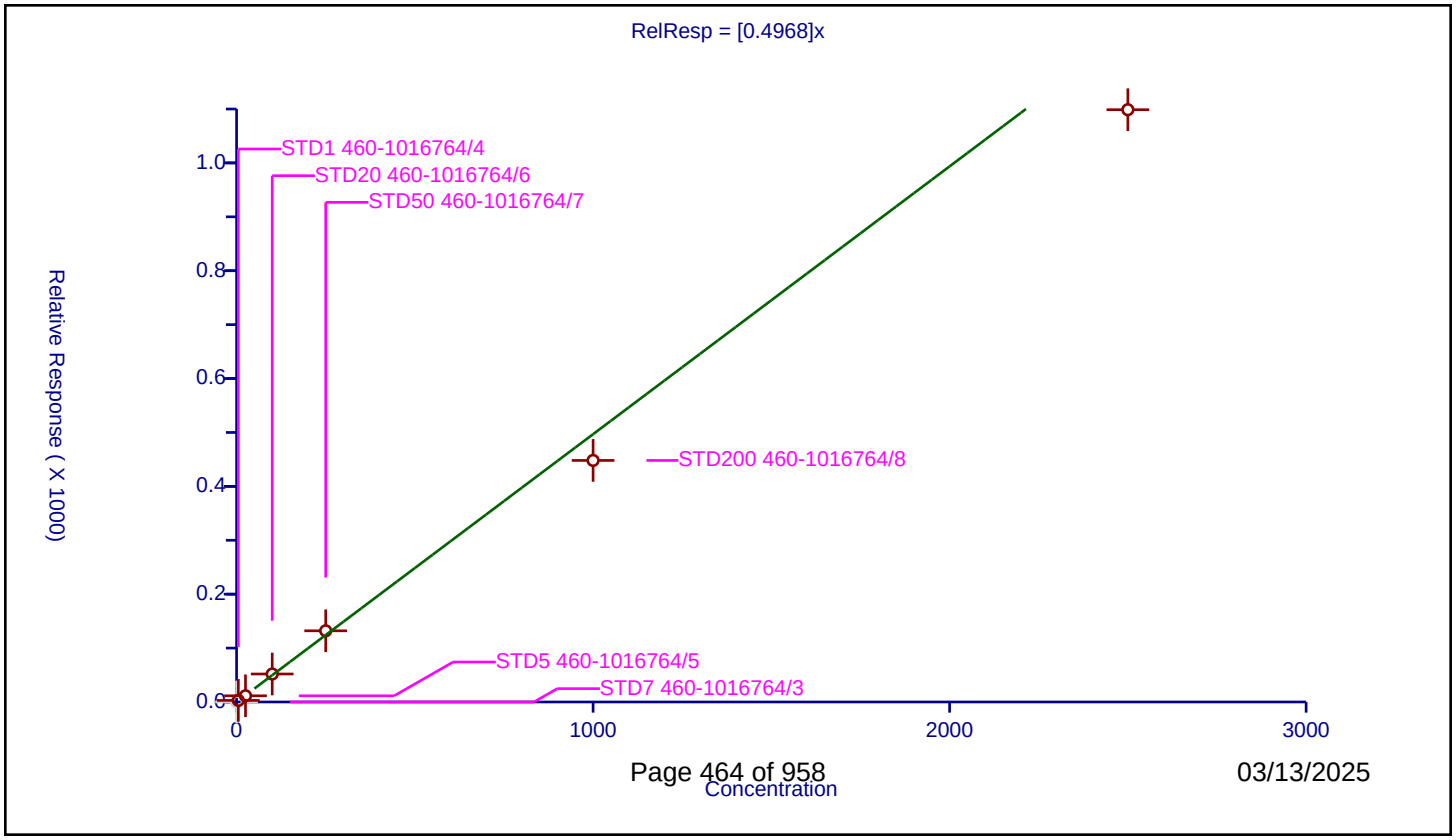
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4968 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 250.0 | 241528.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 5.0 | 2.929127 | 250.0 | 195280.0 | 0.585825 | Y |
| 3 | STD5 460-1016764/5 | 25.0 | 11.501308 | 250.0 | 224018.0 | 0.460052 | Y |
| 4 | STD20 460-1016764/6 | 100.0 | 51.908382 | 250.0 | 198388.0 | 0.519084 | Y |
| 5 | STD50 460-1016764/7 | 250.0 | 132.057536 | 250.0 | 196191.0 | 0.52823 | Y |
| 6 | STD200 460-1016764/8 | 1000.0 | 448.113823 | 250.0 | 214773.0 | 0.448114 | Y |
| 7 | STD500 460-1016764/9 | 2500.0 | 1098.728456 | 250.0 | 235973.0 | 0.439491 | Y |



## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

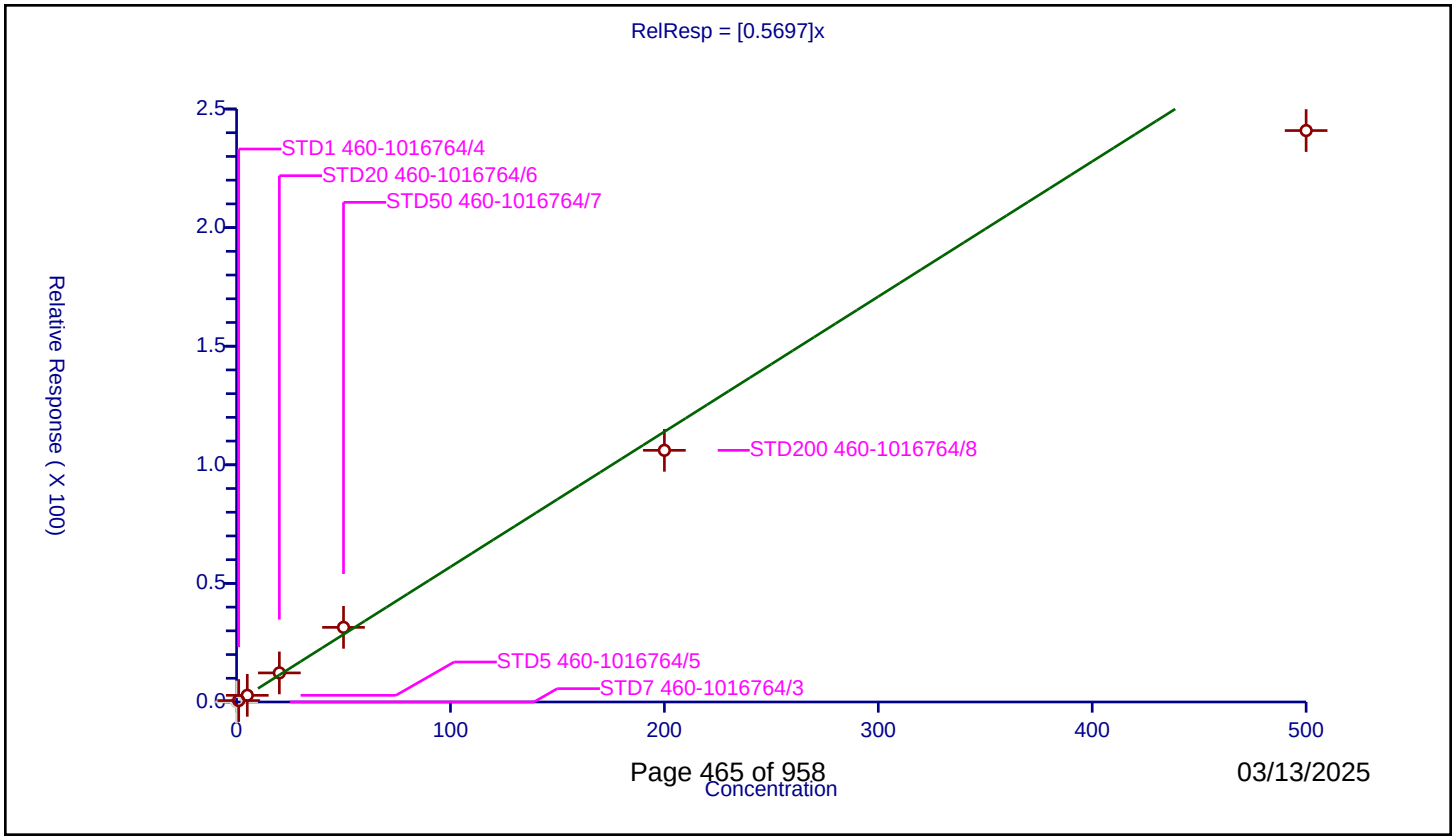
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5697 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.60357 | 50.0 | 483291.0 | 0.60357 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.799694 | 50.0 | 534362.0 | 0.559939 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 12.264641 | 50.0 | 458607.0 | 0.613232 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 31.465038 | 50.0 | 440241.0 | 0.629301 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 106.104273 | 50.0 | 495276.0 | 0.530521 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 240.911057 | 50.0 | 536432.0 | 0.481822 | Y |



## Calibration / Ethyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

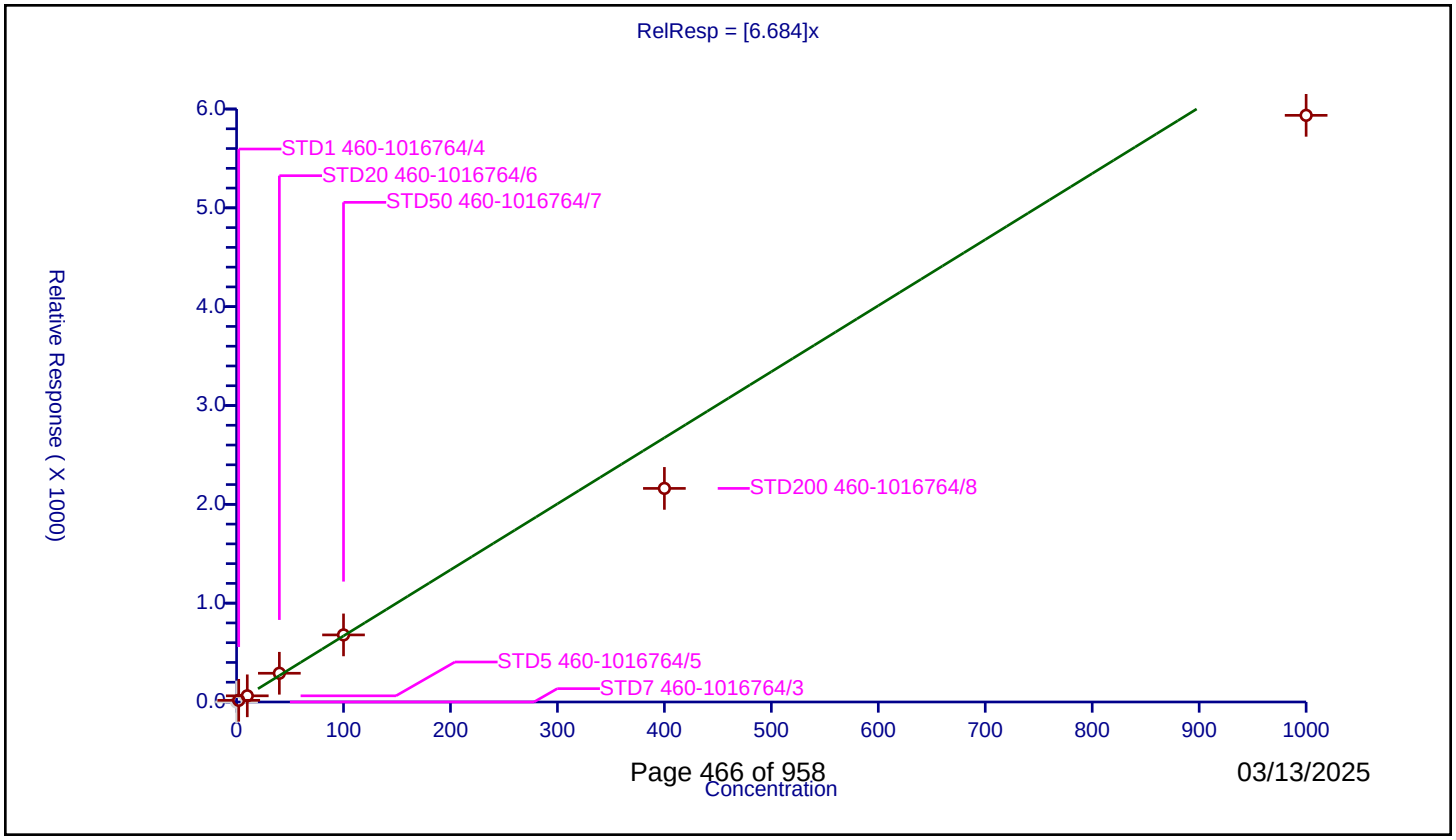
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 6.684 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 2.0 | 16.904634 | 1000.0 | 59392.0 | 8.452317 | Y |
| 3 | STD5 460-1016764/5 | 10.0 | 62.531219 | 1000.0 | 64064.0 | 6.253122 | Y |
| 4 | STD20 460-1016764/6 | 40.0 | 290.85837 | 1000.0 | 54487.0 | 7.271459 | Y |
| 5 | STD50 460-1016764/7 | 100.0 | 678.809511 | 1000.0 | 57153.0 | 6.788095 | Y |
| 6 | STD200 460-1016764/8 | 400.0 | 2161.110204 | 1000.0 | 67339.0 | 5.402776 | Y |
| 7 | STD500 460-1016764/9 | 1000.0 | 5936.005722 | 1000.0 | 65709.0 | 5.936006 | Y |



## Calibration / Methyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

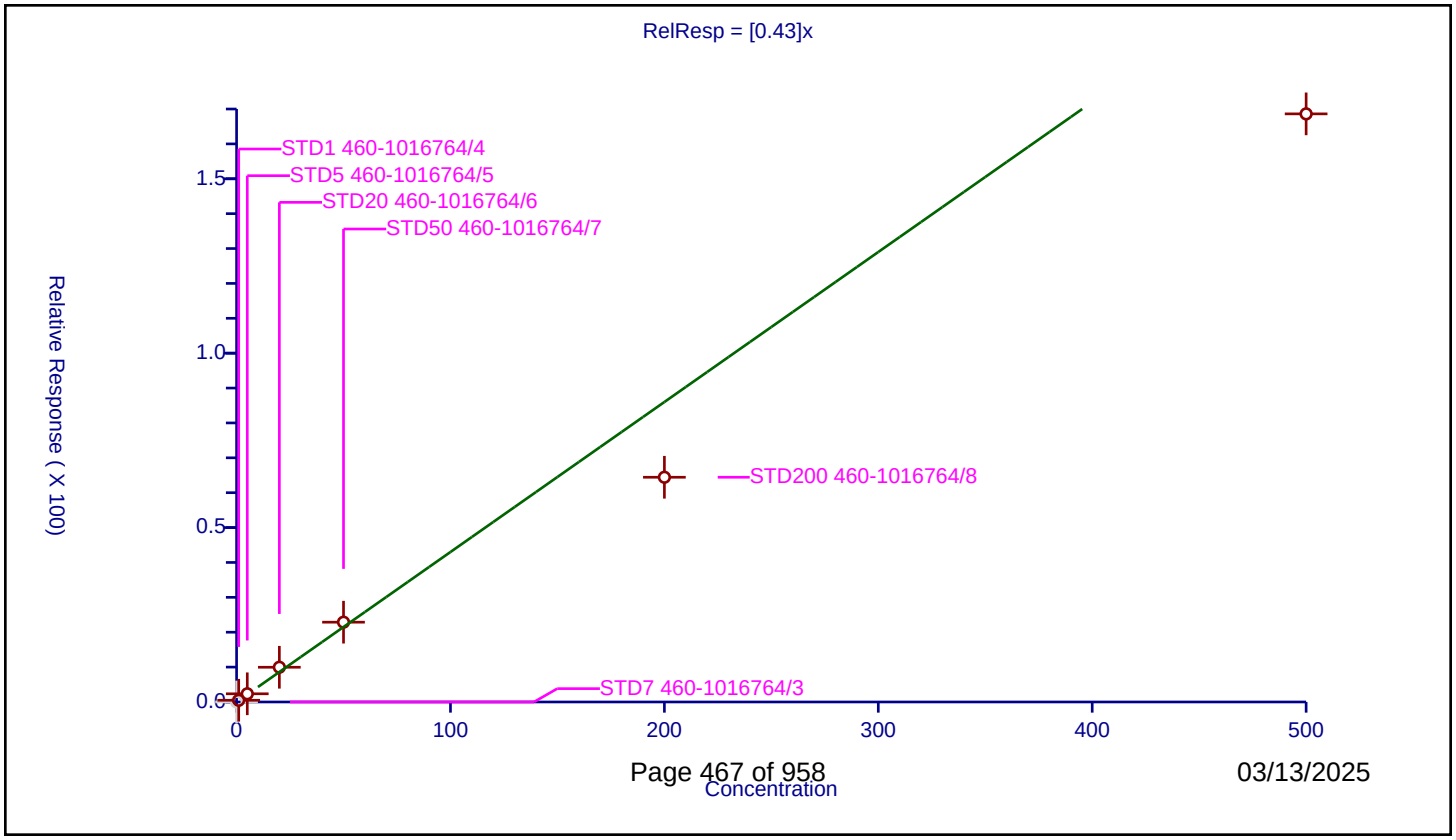
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.43 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.495377 | 50.0 | 279888.0 | 0.495377 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.349786 | 50.0 | 323838.0 | 0.469957 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 9.955762 | 50.0 | 301554.0 | 0.497788 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 22.881509 | 50.0 | 315897.0 | 0.45763 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 64.431506 | 50.0 | 395818.0 | 0.322158 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 168.60736 | 50.0 | 437902.0 | 0.337215 | Y |



## Calibration / Propionitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

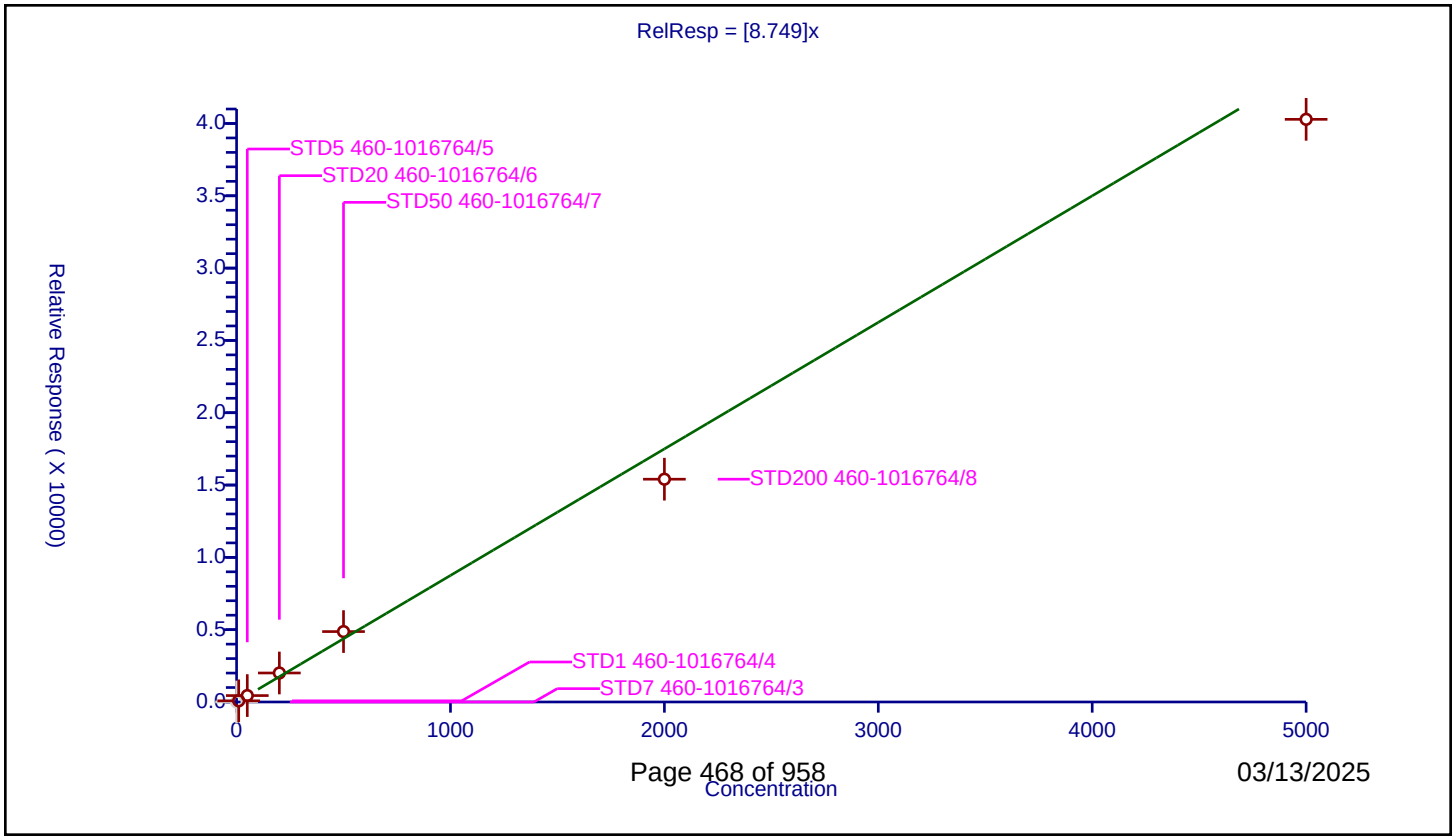
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 8.749 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 10.0 | 80.903152 | 1000.0 | 59392.0 | 8.090315 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 444.133991 | 1000.0 | 64064.0 | 8.88268 | Y |
| 4 | STD20 460-1016764/6 | 200.0 | 2004.790133 | 1000.0 | 54487.0 | 10.023951 | Y |
| 5 | STD50 460-1016764/7 | 500.0 | 4869.035746 | 1000.0 | 57153.0 | 9.738071 | Y |
| 6 | STD200 460-1016764/8 | 2000.0 | 15404.921368 | 1000.0 | 67339.0 | 7.702461 | Y |
| 7 | STD500 460-1016764/9 | 5000.0 | 40286.003439 | 1000.0 | 65709.0 | 8.057201 | Y |



## Calibration / Chlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

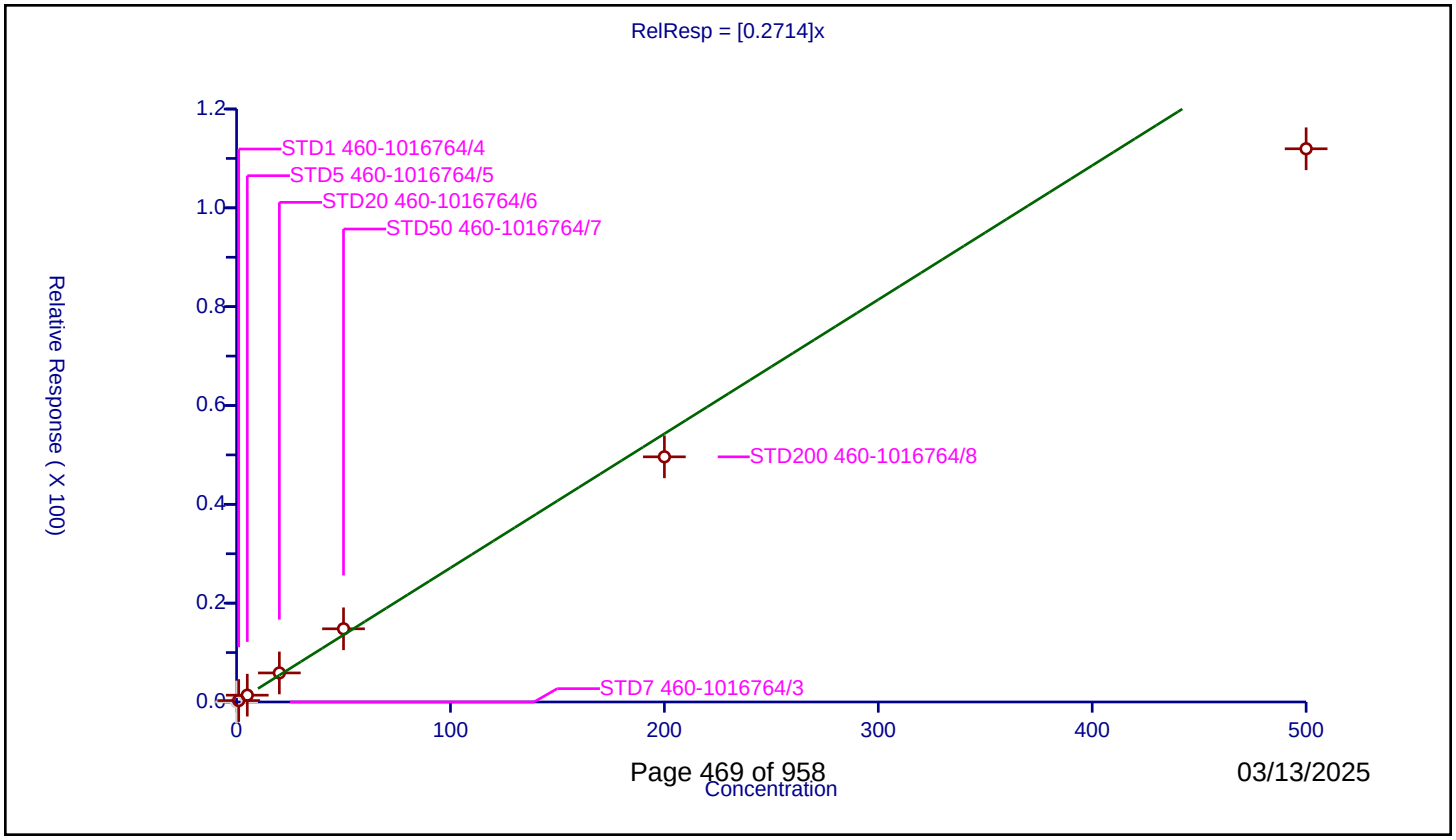
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2714 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.291129 | 50.0 | 483291.0 | 0.291129 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.376314 | 50.0 | 534362.0 | 0.275263 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 5.878672 | 50.0 | 458607.0 | 0.293934 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 14.812455 | 50.0 | 440241.0 | 0.296249 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 49.612438 | 50.0 | 495276.0 | 0.248062 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 111.95501 | 50.0 | 536432.0 | 0.22391 | Y |



## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

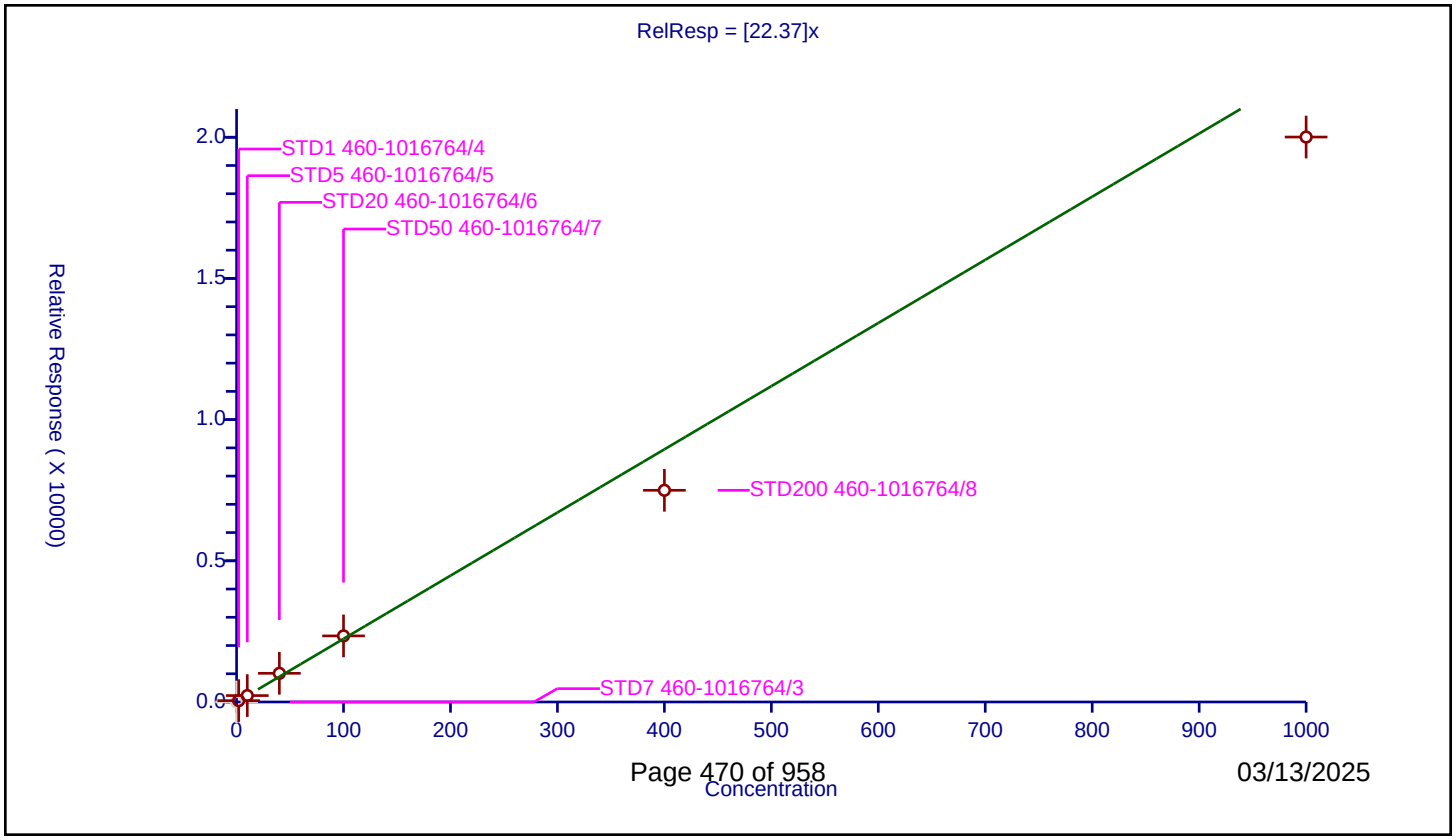
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 22.37 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 2.0 | 47.902074 | 1000.0 | 59392.0 | 23.951037 | Y |
| 3 | STD5 460-1016764/5 | 10.0 | 227.147852 | 1000.0 | 64064.0 | 22.714785 | Y |
| 4 | STD20 460-1016764/6 | 40.0 | 1015.618404 | 1000.0 | 54487.0 | 25.39046 | Y |
| 5 | STD50 460-1016764/7 | 100.0 | 2340.839501 | 1000.0 | 57153.0 | 23.408395 | Y |
| 6 | STD200 460-1016764/8 | 400.0 | 7497.453185 | 1000.0 | 67339.0 | 18.743633 | Y |
| 7 | STD500 460-1016764/9 | 1000.0 | 20007.076656 | 1000.0 | 65709.0 | 20.007077 | Y |



## Calibration / Methacrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

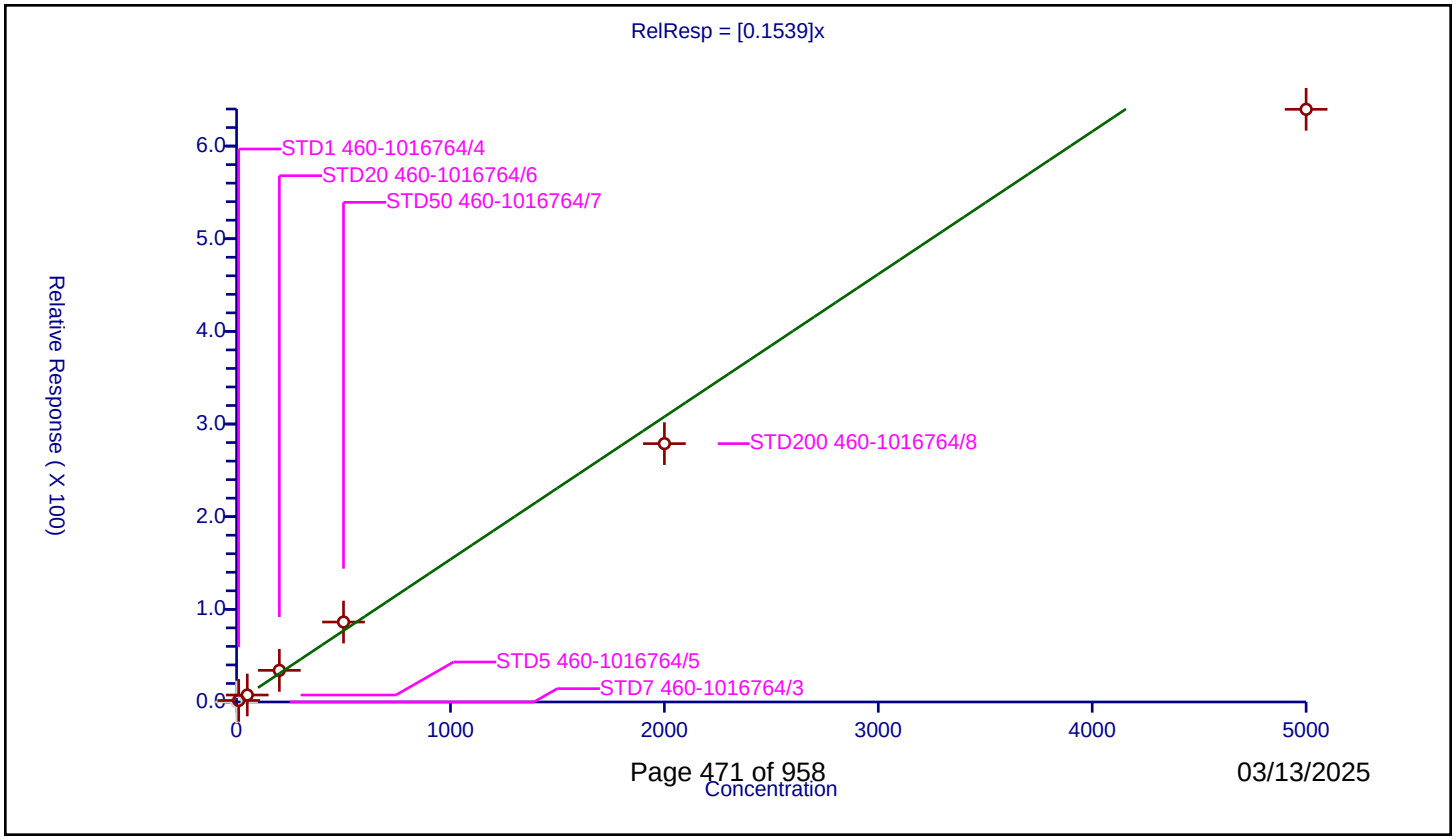
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1539 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 10.0 | 1.622728 | 50.0 | 483291.0 | 0.162273 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 7.531786 | 50.0 | 534362.0 | 0.150636 | Y |
| 4 | STD20 460-1016764/6 | 200.0 | 34.142523 | 50.0 | 458607.0 | 0.170713 | Y |
| 5 | STD50 460-1016764/7 | 500.0 | 86.302616 | 50.0 | 440241.0 | 0.172605 | Y |
| 6 | STD200 460-1016764/8 | 2000.0 | 278.863401 | 50.0 | 495276.0 | 0.139432 | Y |
| 7 | STD500 460-1016764/9 | 5000.0 | 639.684527 | 50.0 | 536432.0 | 0.127937 | Y |



## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

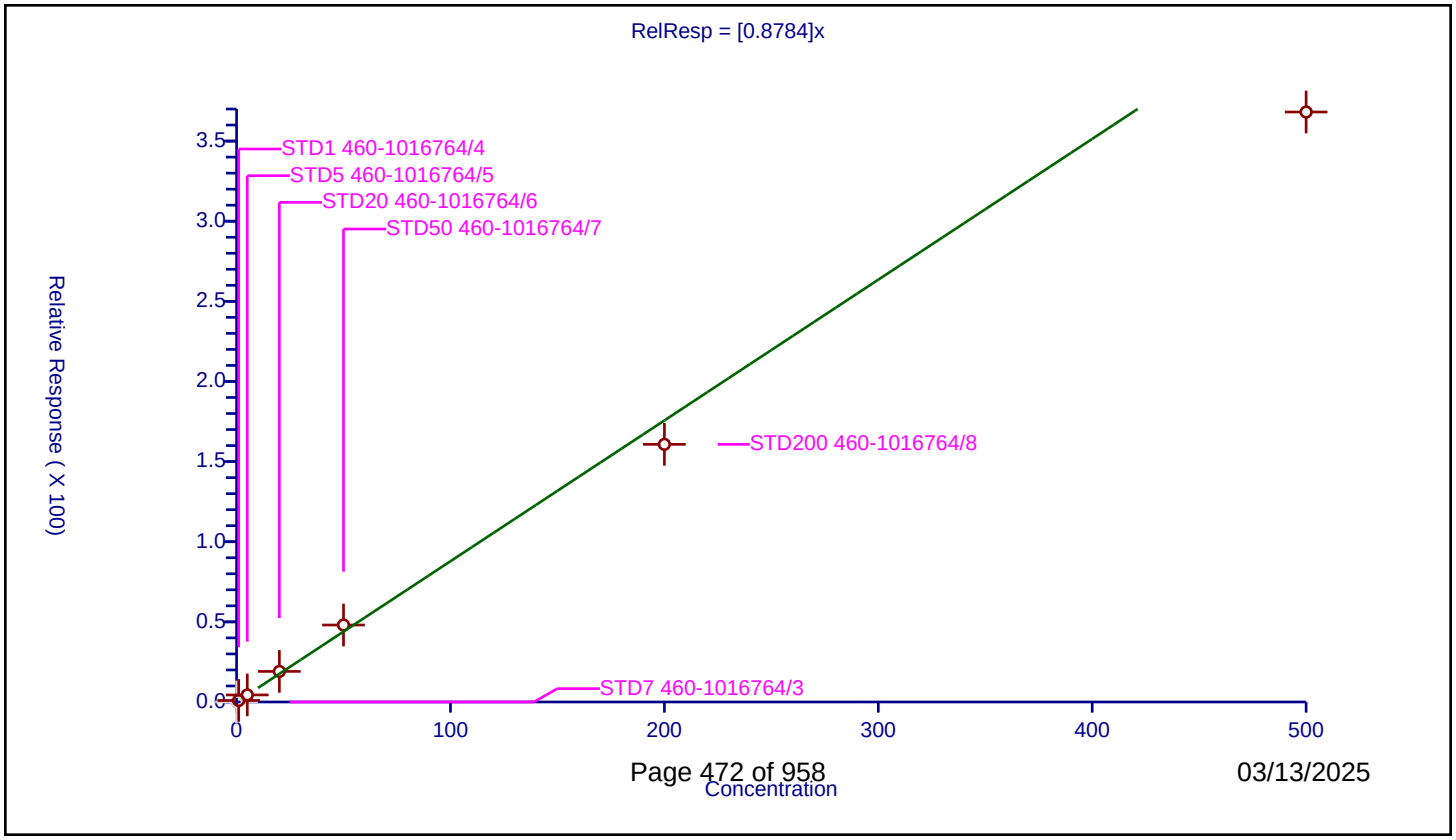
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8784 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.934013 | 50.0 | 483291.0 | 0.934013 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 4.409277 | 50.0 | 534362.0 | 0.881855 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 19.071013 | 50.0 | 458607.0 | 0.953551 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 48.034486 | 50.0 | 440241.0 | 0.96069 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 160.76309 | 50.0 | 495276.0 | 0.803815 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 368.135849 | 50.0 | 536432.0 | 0.736272 | Y |



## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

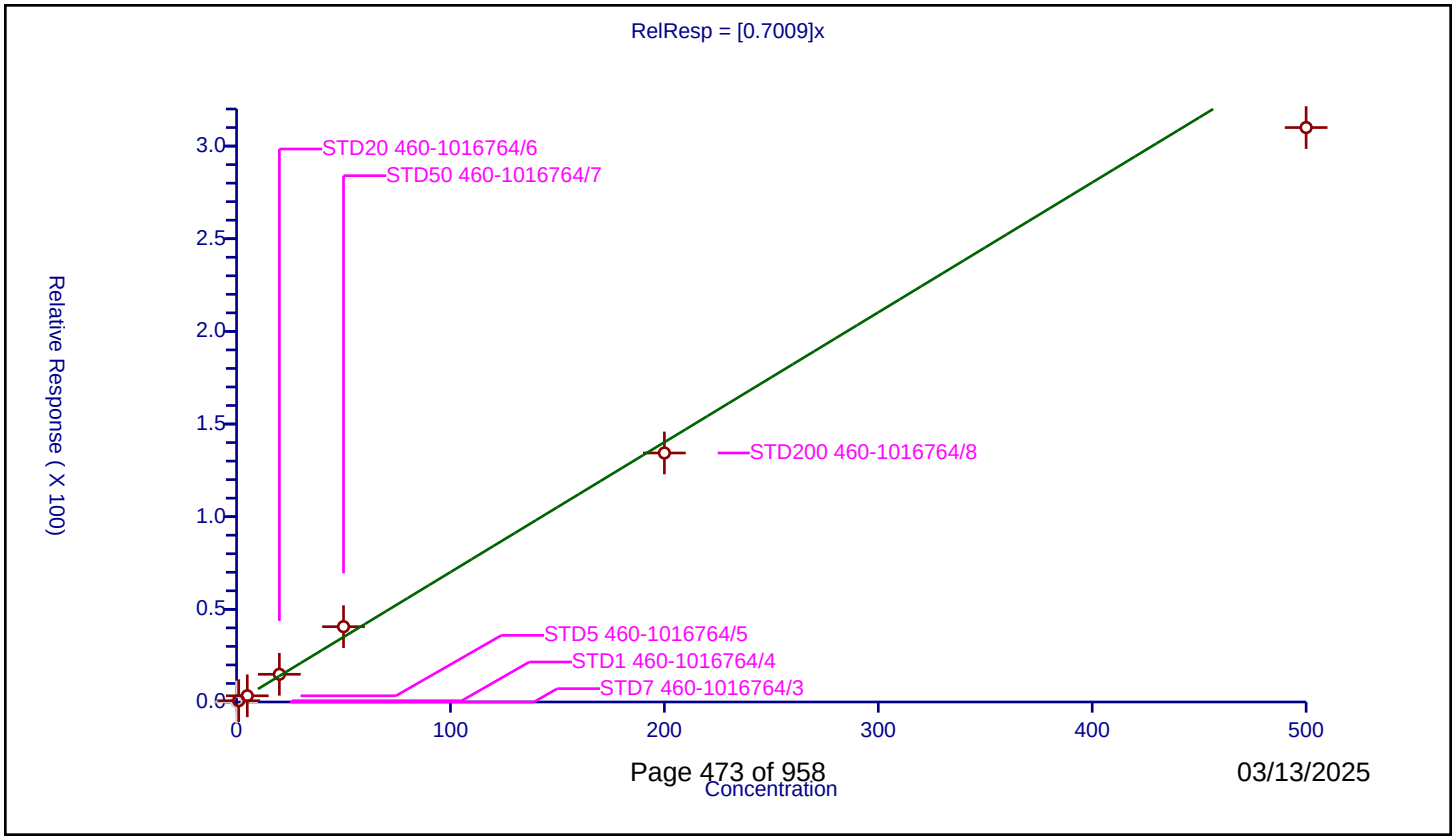
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7009 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.685508 | 50.0 | 483291.0 | 0.685508 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.338841 | 50.0 | 534362.0 | 0.667768 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 14.944059 | 50.0 | 458607.0 | 0.747203 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 40.650121 | 50.0 | 440241.0 | 0.813002 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 134.374672 | 50.0 | 495276.0 | 0.671873 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 310.002852 | 50.0 | 536432.0 | 0.620006 | 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 |

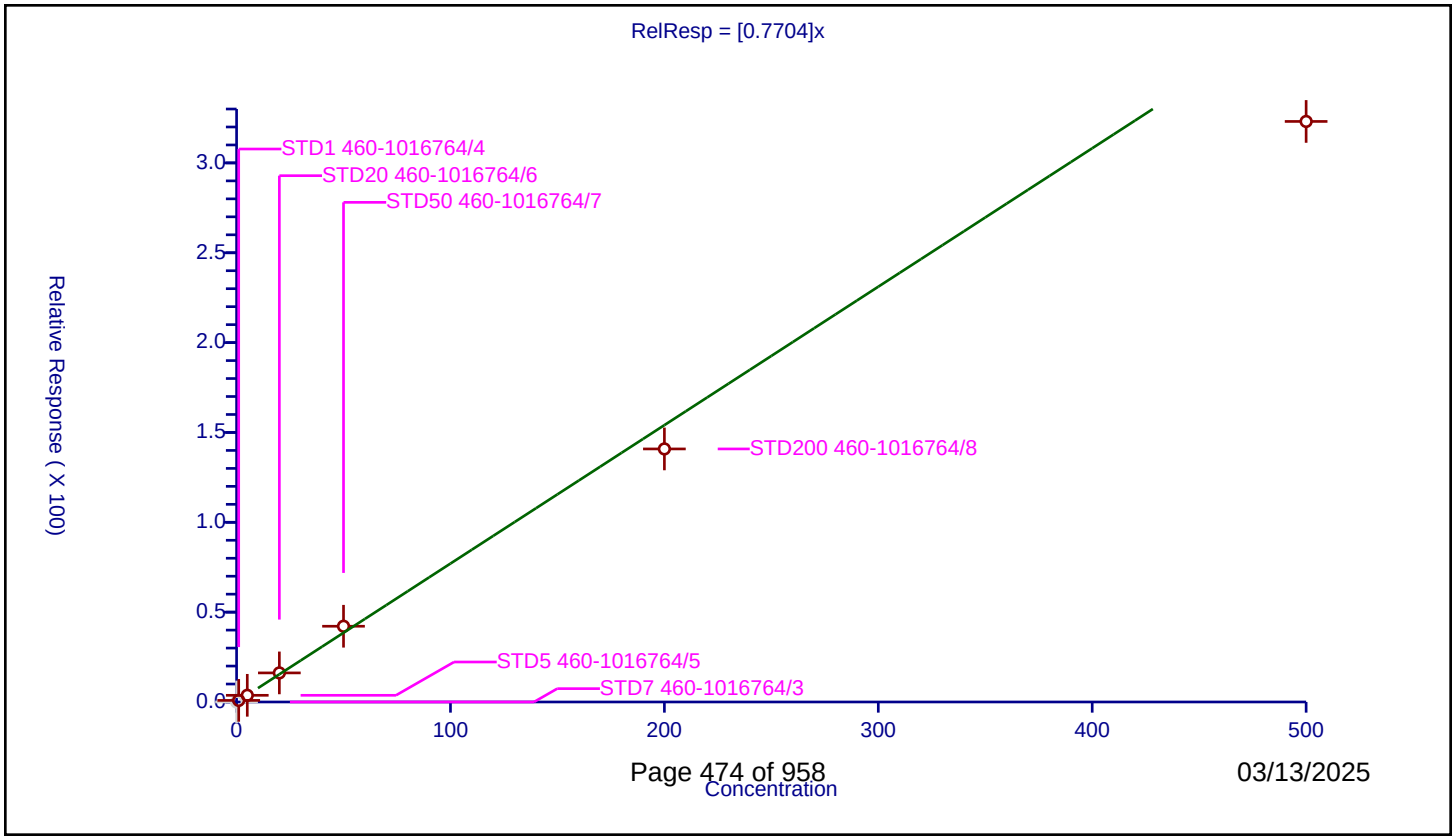
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7704 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.875766 | 50.0 | 483291.0 | 0.875766 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.721167 | 50.0 | 534362.0 | 0.744233 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 16.178122 | 50.0 | 458607.0 | 0.808906 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 42.156455 | 50.0 | 440241.0 | 0.843129 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 140.829154 | 50.0 | 495276.0 | 0.704146 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 323.082236 | 50.0 | 536432.0 | 0.646164 | Y |



## Calibration / Dibromofluoromethane (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

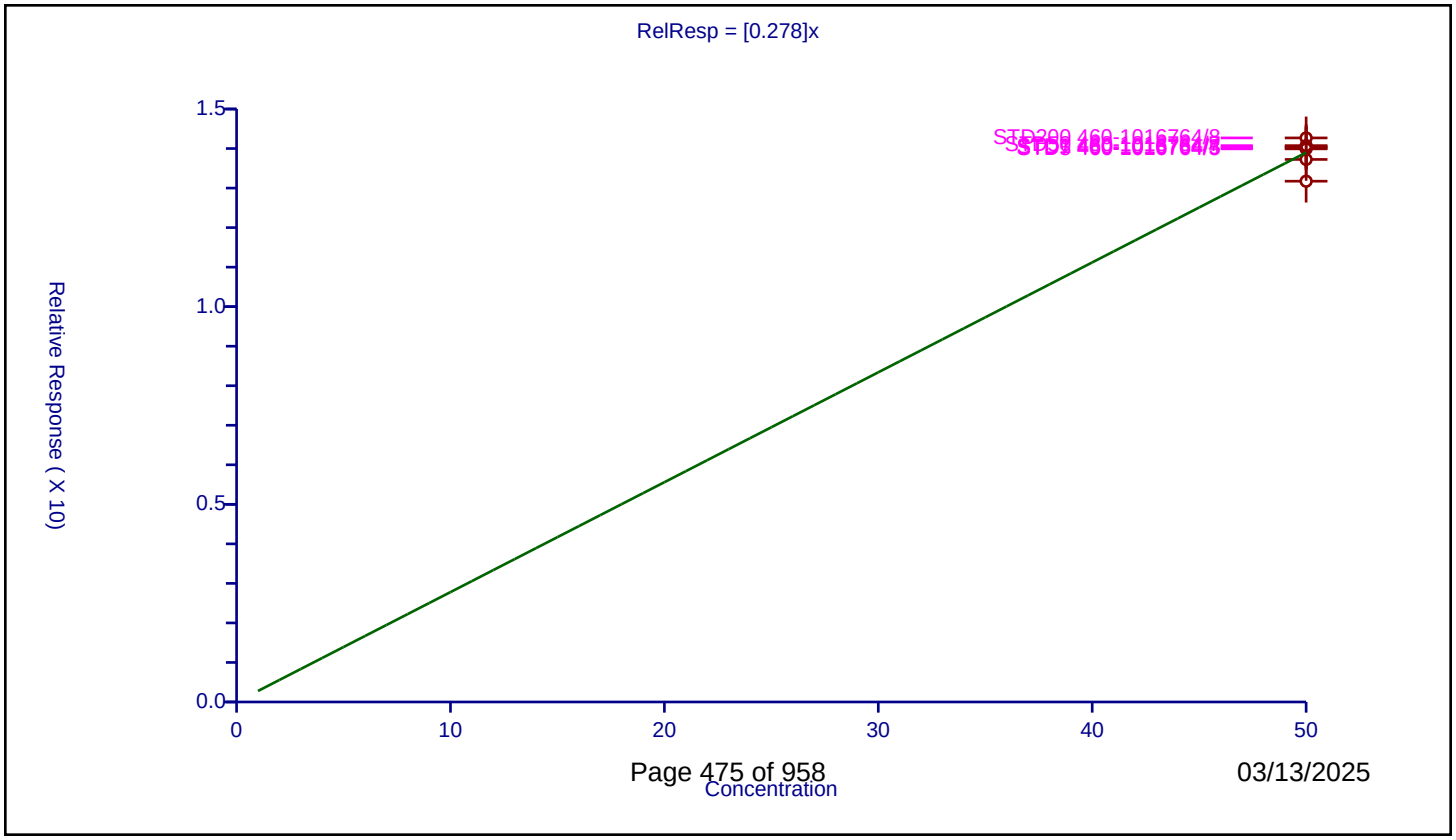
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.278 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 50.0 | 14.013647 | 50.0 | 556297.0 | 0.280273 | Y |
| 2 | STD1 460-1016764/4 | 50.0 | 14.04692 | 50.0 | 483291.0 | 0.280938 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 13.992481 | 50.0 | 534362.0 | 0.27985 | Y |
| 4 | STD20 460-1016764/6 | 50.0 | 13.72406 | 50.0 | 458607.0 | 0.274481 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 14.073882 | 50.0 | 440241.0 | 0.281478 | Y |
| 6 | STD200 460-1016764/8 | 50.0 | 14.26861 | 50.0 | 495276.0 | 0.285372 | Y |
| 7 | STD500 460-1016764/9 | 50.0 | 13.174177 | 50.0 | 536432.0 | 0.263484 | Y |



## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

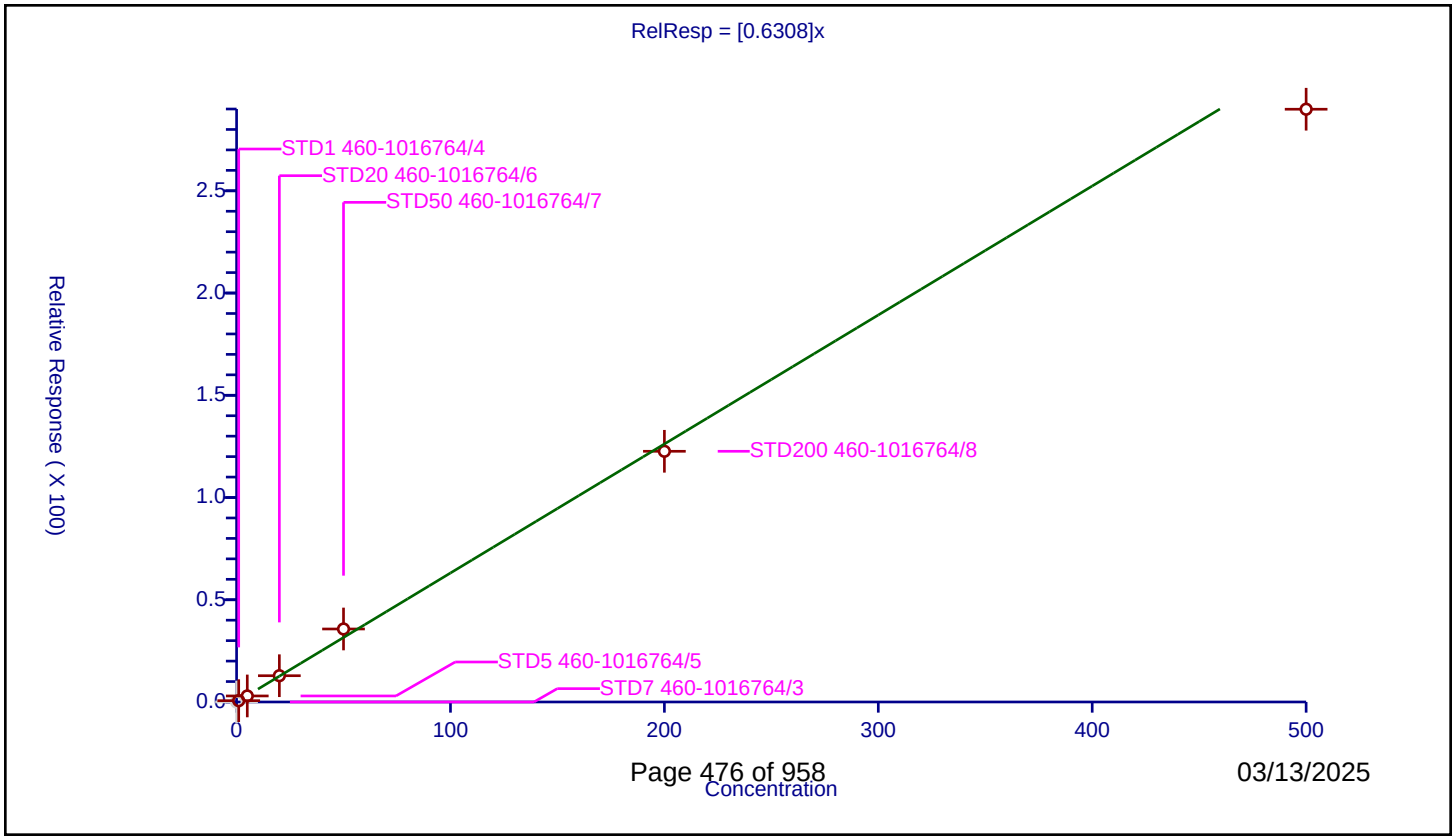
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6308 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.645884 | 50.0 | 483291.0 | 0.645884 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.948563 | 50.0 | 534362.0 | 0.589713 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 12.85338 | 50.0 | 458607.0 | 0.642669 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 35.698174 | 50.0 | 440241.0 | 0.713963 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 122.609414 | 50.0 | 495276.0 | 0.613047 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 289.901796 | 50.0 | 536432.0 | 0.579804 | Y |



## Calibration / 1,1-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

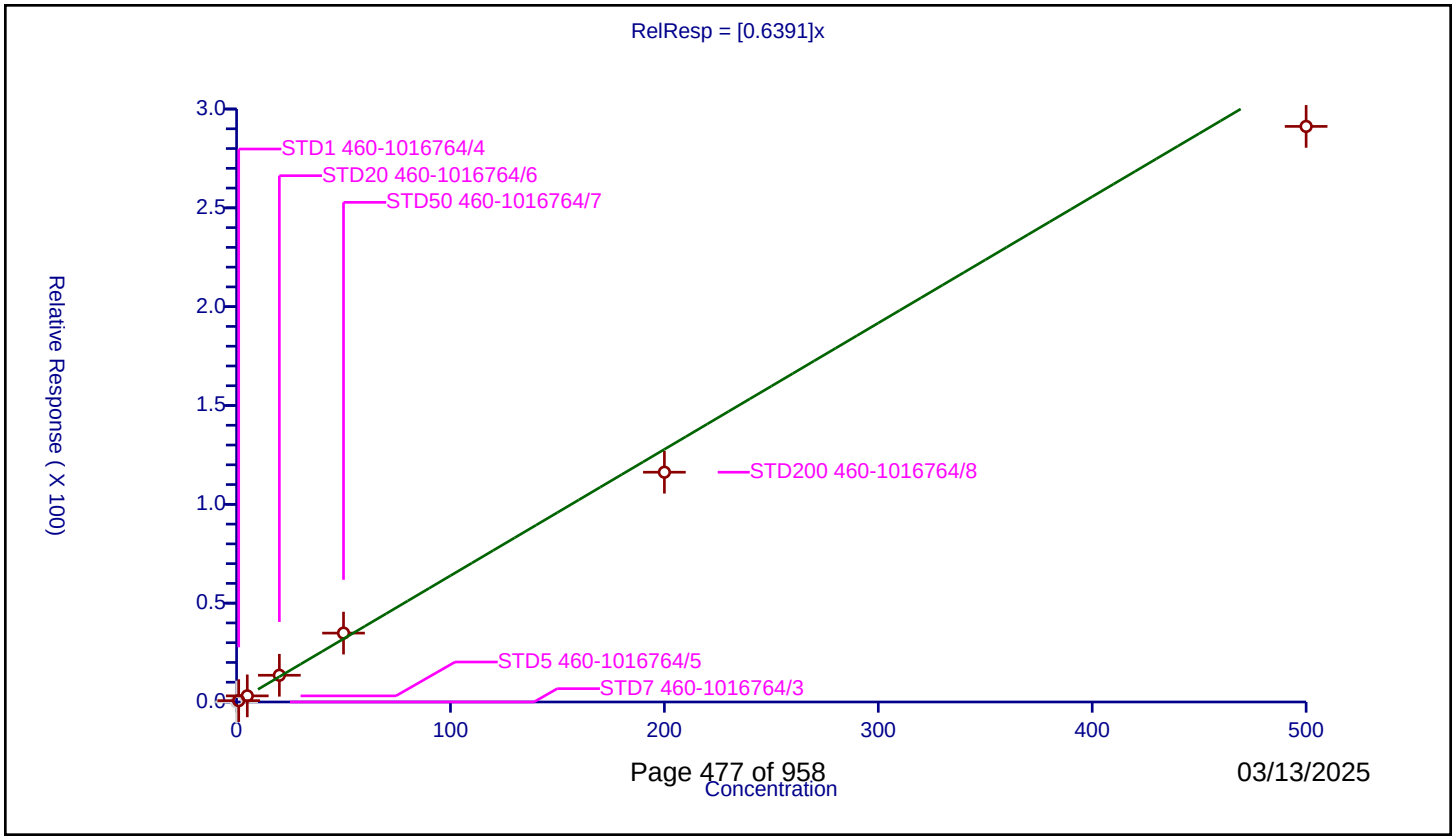
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6391 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.678991 | 50.0 | 483291.0 | 0.678991 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.092847 | 50.0 | 534362.0 | 0.618569 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 13.524652 | 50.0 | 458607.0 | 0.676233 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 34.85659 | 50.0 | 440241.0 | 0.697132 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 116.253261 | 50.0 | 495276.0 | 0.581266 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 291.198605 | 50.0 | 536432.0 | 0.582397 | Y |



## Calibration / Isobutyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

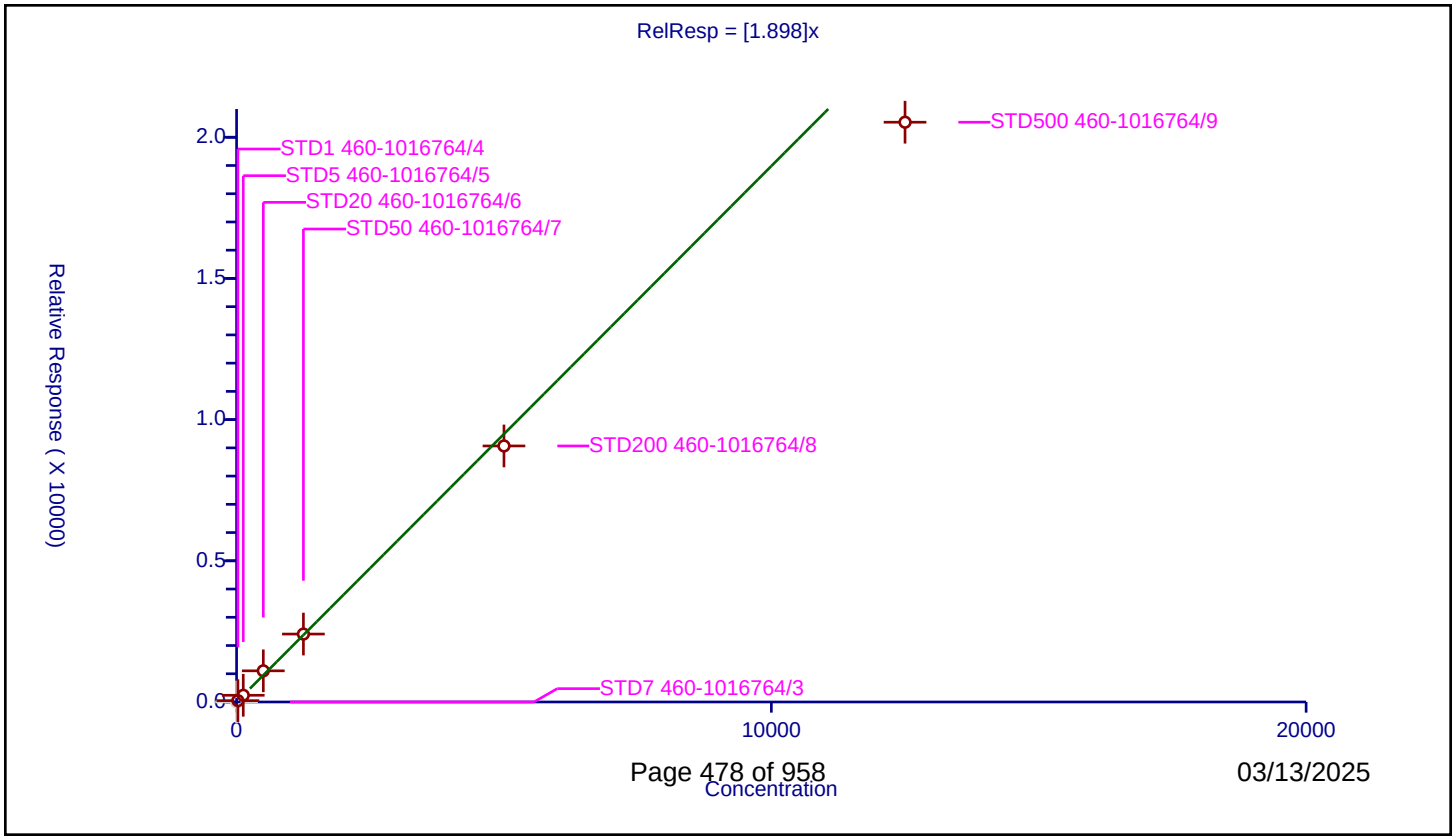
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.898 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 25.0 | 47.481142 | 1000.0 | 59392.0 | 1.899246 | Y |
| 3 | STD5 460-1016764/5 | 125.0 | 237.590534 | 1000.0 | 64064.0 | 1.900724 | Y |
| 4 | STD20 460-1016764/6 | 500.0 | 1103.859636 | 1000.0 | 54487.0 | 2.207719 | Y |
| 5 | STD50 460-1016764/7 | 1250.0 | 2405.473029 | 1000.0 | 57153.0 | 1.924378 | Y |
| 6 | STD200 460-1016764/8 | 5000.0 | 9067.895276 | 1000.0 | 67339.0 | 1.813579 | Y |
| 7 | STD500 460-1016764/9 | 12500.0 | 20532.818944 | 1000.0 | 65709.0 | 1.642626 | Y |



## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

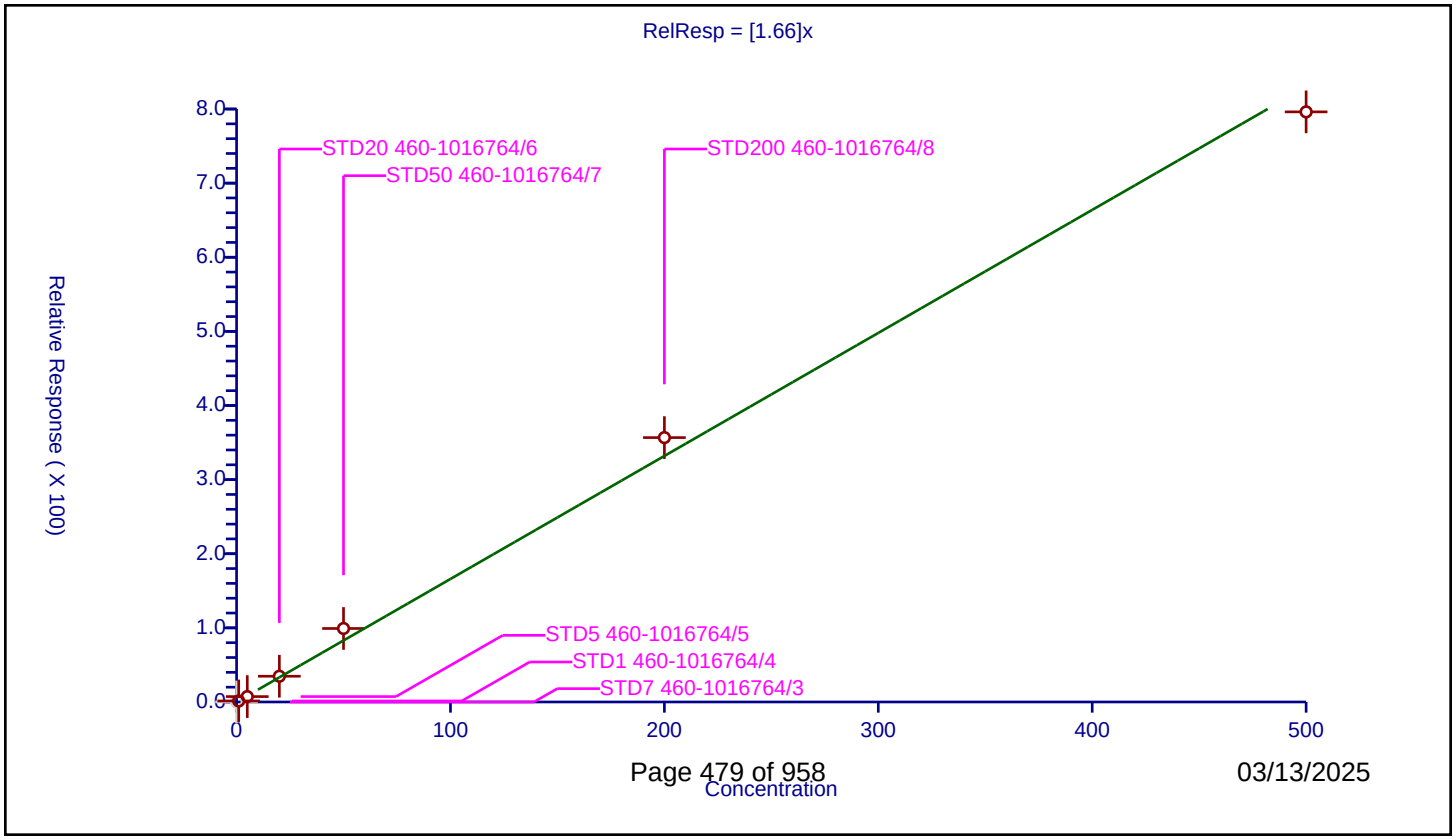
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.66 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.401847 | 50.0 | 483291.0 | 1.401847 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 7.299827 | 50.0 | 534362.0 | 1.459965 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 34.744018 | 50.0 | 458607.0 | 1.737201 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 99.174543 | 50.0 | 440241.0 | 1.983491 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 356.691622 | 50.0 | 495276.0 | 1.783458 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 796.163353 | 50.0 | 536432.0 | 1.592327 | Y |



## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

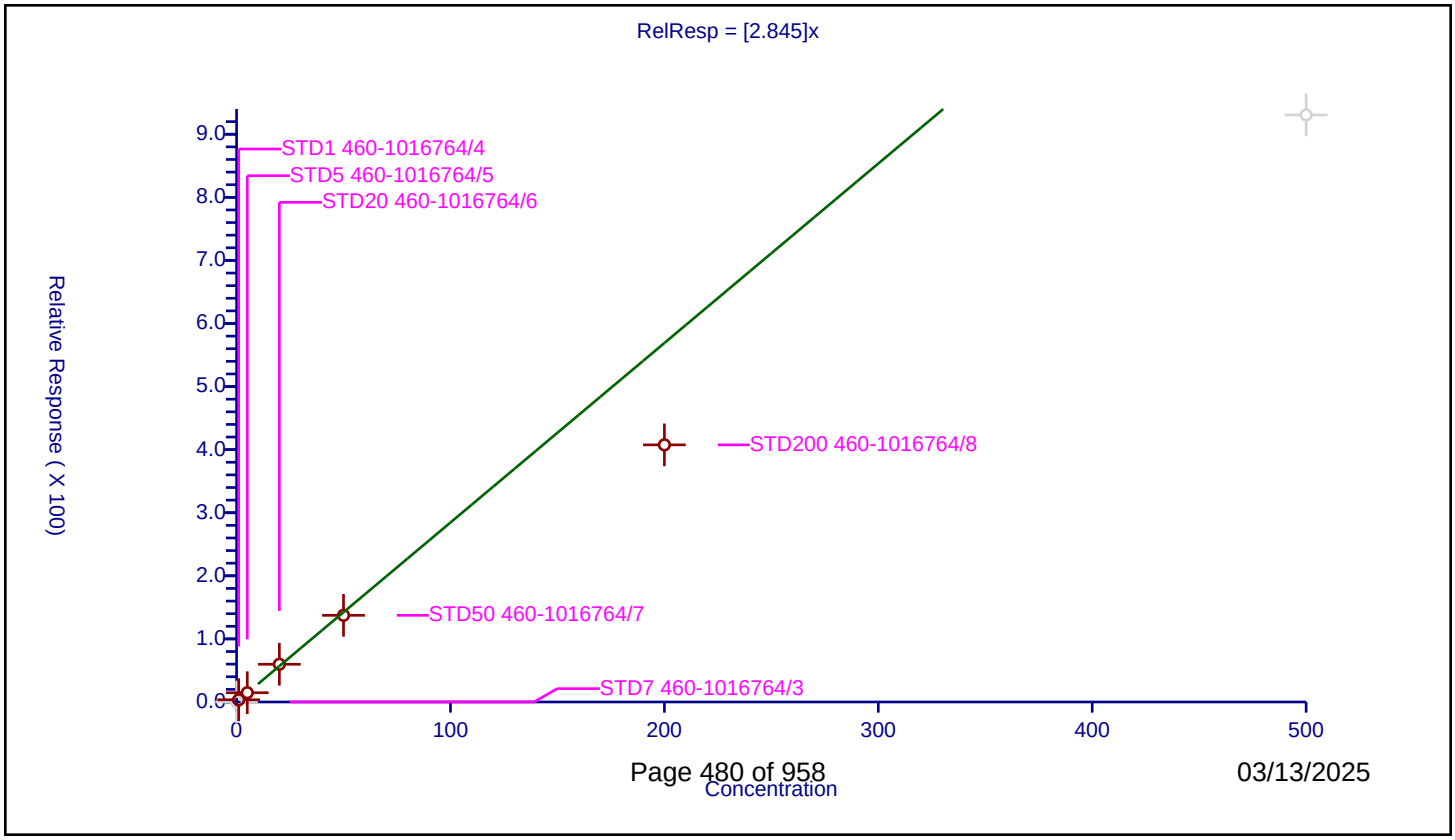
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.845 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 3.515156 | 50.0 | 279888.0 | 3.515156 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 14.675239 | 50.0 | 323838.0 | 2.935048 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 59.802888 | 50.0 | 301554.0 | 2.990144 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 137.374841 | 50.0 | 315897.0 | 2.747497 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 407.60741 | 50.0 | 395818.0 | 2.038037 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 930.597828 | 50.0 | 437902.0 | 1.861196 | N |



## 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 |

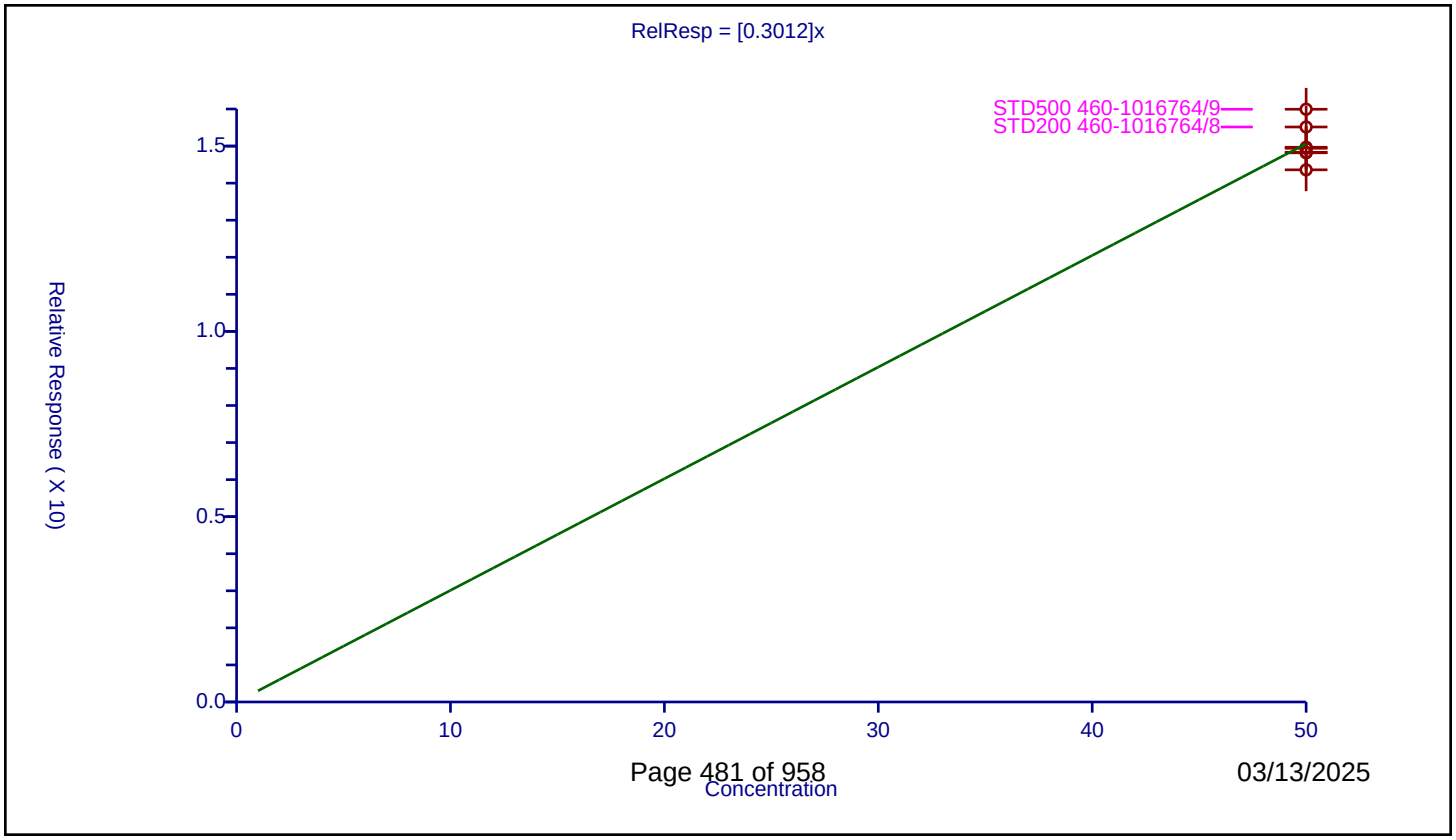
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3012 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 50.0 | 14.968533 | 50.0 | 556297.0 | 0.299371 | Y |
| 2 | STD1 460-1016764/4 | 50.0 | 14.818712 | 50.0 | 483291.0 | 0.296374 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 14.941089 | 50.0 | 534362.0 | 0.298822 | Y |
| 4 | STD20 460-1016764/6 | 50.0 | 14.830672 | 50.0 | 458607.0 | 0.296613 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 14.359748 | 50.0 | 440241.0 | 0.287195 | Y |
| 6 | STD200 460-1016764/8 | 50.0 | 15.515087 | 50.0 | 495276.0 | 0.310302 | Y |
| 7 | STD500 460-1016764/9 | 50.0 | 15.993639 | 50.0 | 536432.0 | 0.319873 | Y |



## Calibration / Isopropyl acetate

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

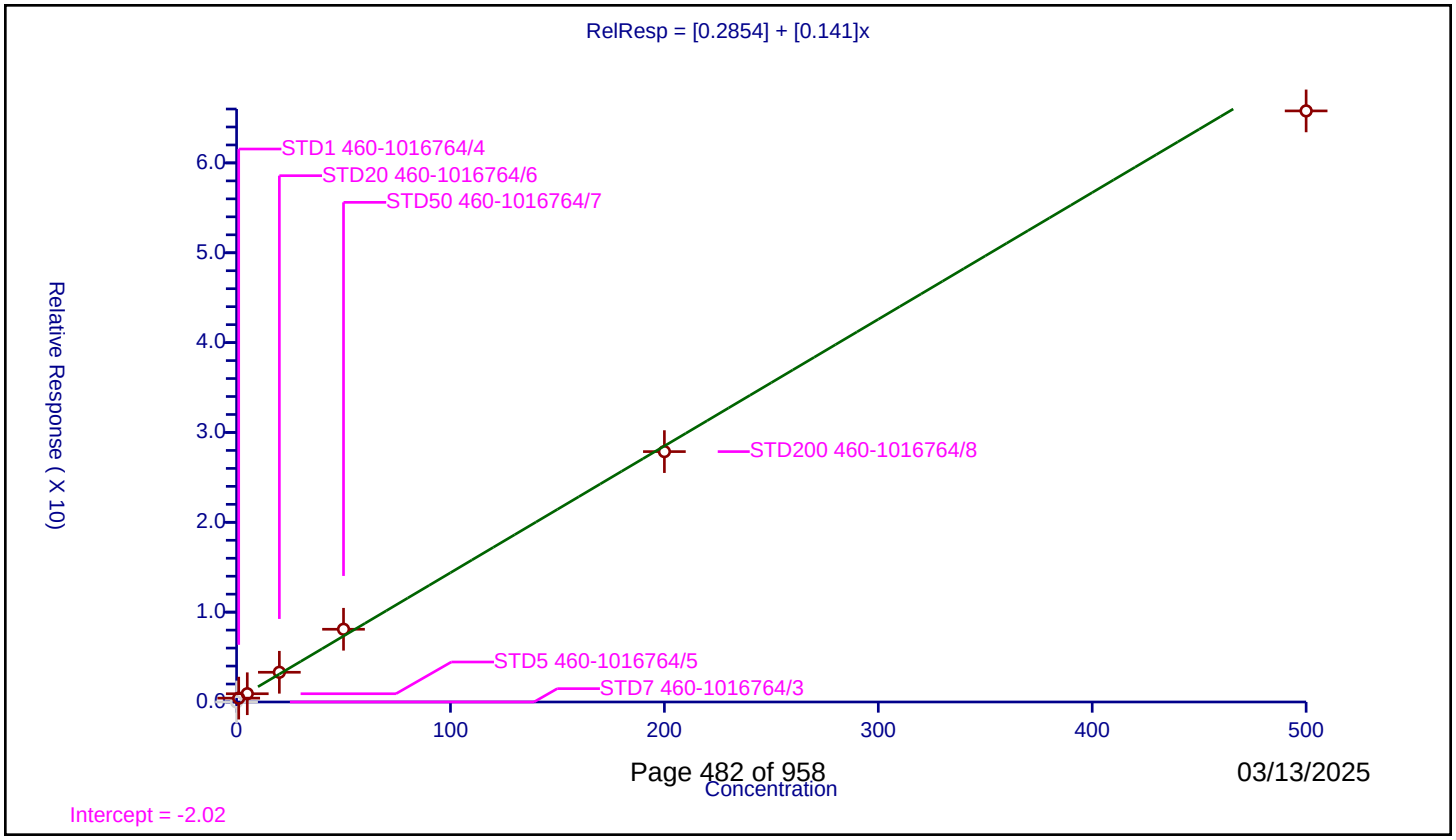
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.2854 |
| **Slope:** | 0.141 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.42852 | 50.0 | 483291.0 | 0.42852 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 0.919788 | 50.0 | 534362.0 | 0.183958 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 3.307407 | 50.0 | 458607.0 | 0.16537 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 8.096588 | 50.0 | 440241.0 | 0.161932 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 27.867997 | 50.0 | 495276.0 | 0.13934 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 65.790631 | 50.0 | 536432.0 | 0.131581 | 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 |

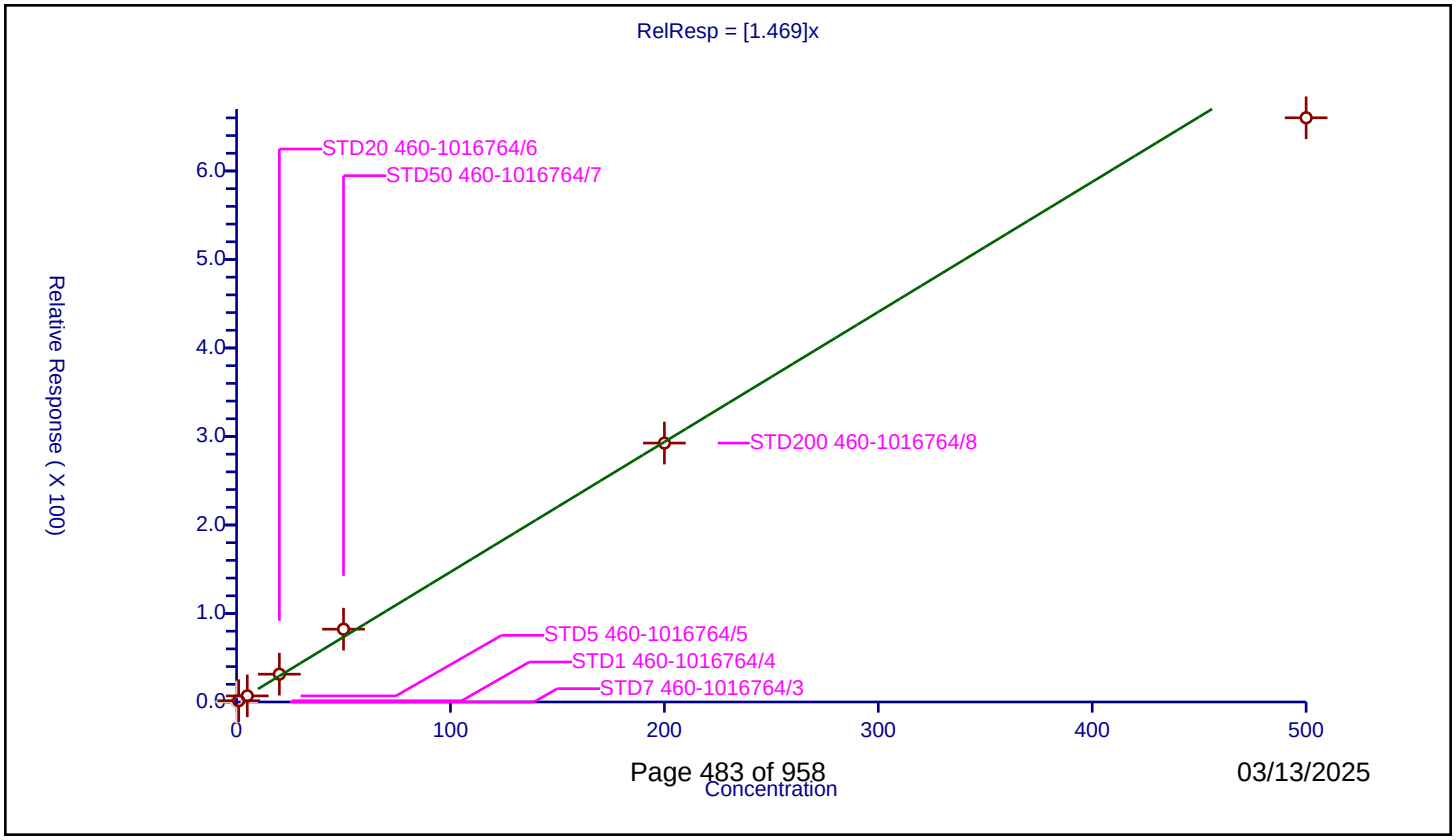
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.469 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.437022 | 50.0 | 483291.0 | 1.437022 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 6.893829 | 50.0 | 534362.0 | 1.378766 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 31.417423 | 50.0 | 458607.0 | 1.570871 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 82.267326 | 50.0 | 440241.0 | 1.645347 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 292.552435 | 50.0 | 495276.0 | 1.462762 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 660.084037 | 50.0 | 536432.0 | 1.320168 | Y |



## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

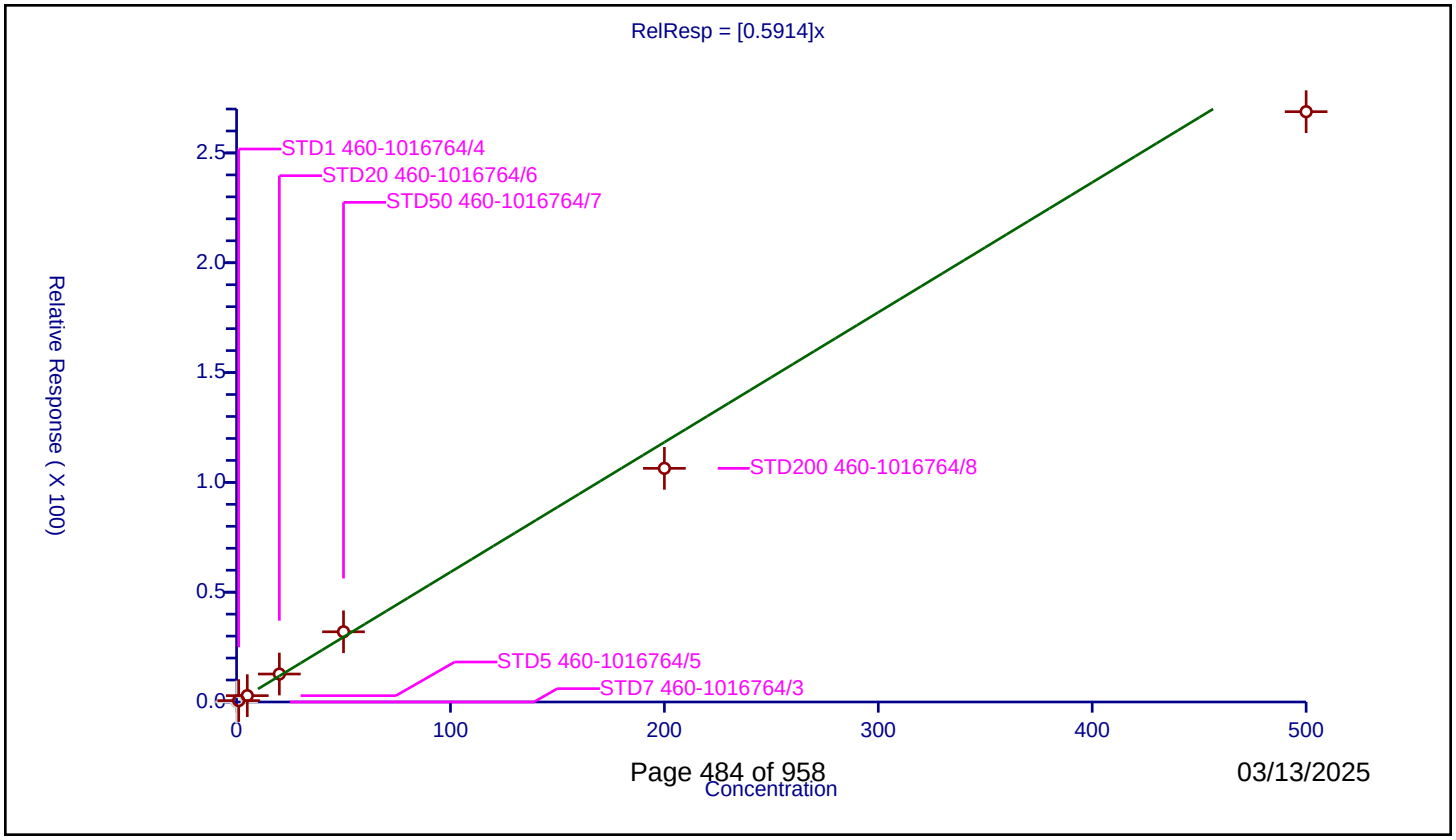
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5914 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.62571 | 50.0 | 483291.0 | 0.62571 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.888678 | 50.0 | 534362.0 | 0.577736 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 12.726583 | 50.0 | 458607.0 | 0.636329 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 31.965105 | 50.0 | 440241.0 | 0.639302 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 106.384622 | 50.0 | 495276.0 | 0.531923 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 268.78486 | 50.0 | 536432.0 | 0.53757 | Y |



## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

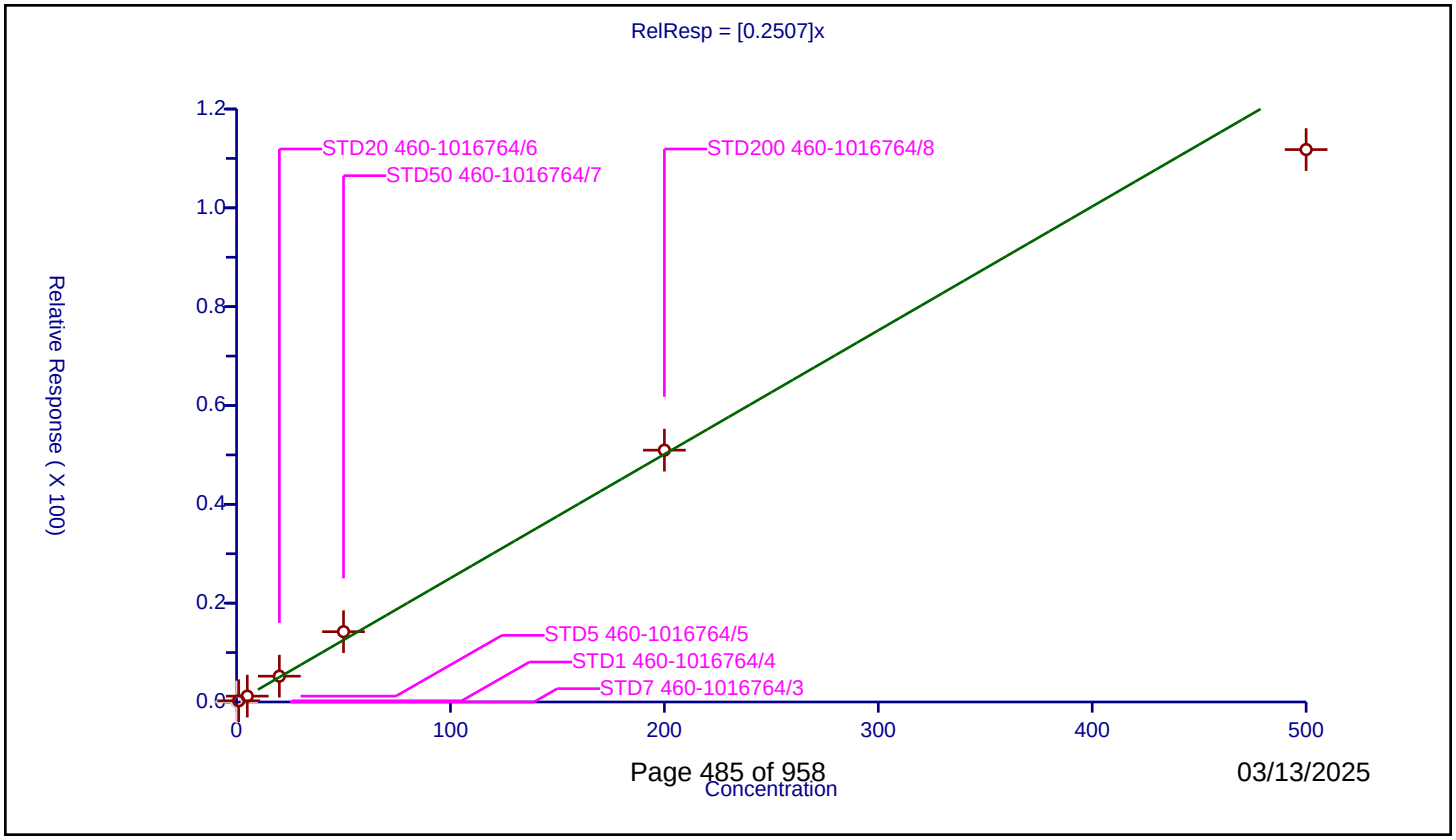
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2507 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.243125 | 50.0 | 483291.0 | 0.243125 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.184777 | 50.0 | 534362.0 | 0.236955 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 5.221682 | 50.0 | 458607.0 | 0.261084 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 14.227435 | 50.0 | 440241.0 | 0.284549 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 50.9632 | 50.0 | 495276.0 | 0.254816 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 111.791336 | 50.0 | 536432.0 | 0.223583 | Y |



## Calibration / n-Butanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

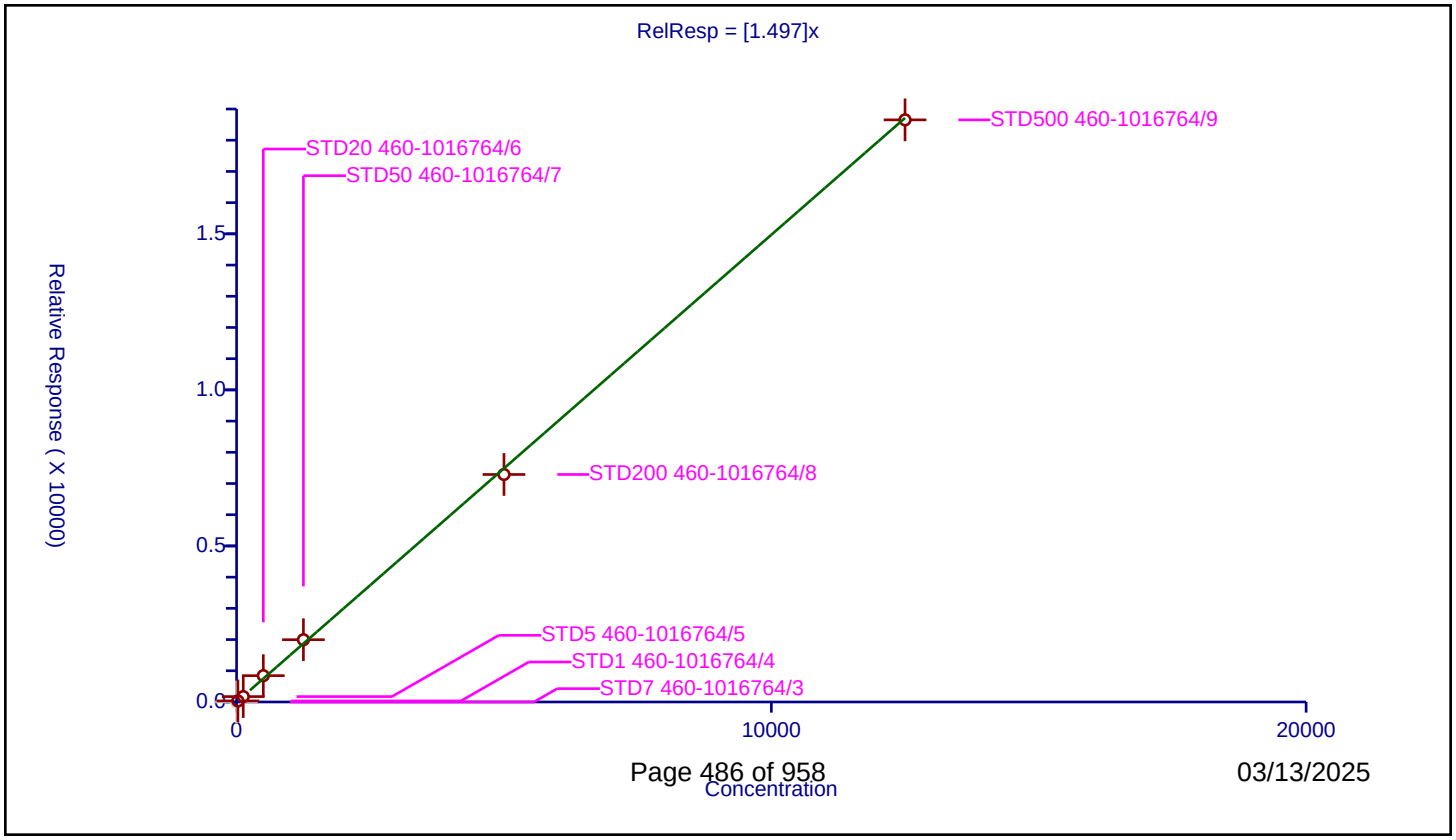
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.497 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 71853.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 25.0 | 34.129176 | 1000.0 | 59392.0 | 1.365167 | Y |
| 3 | STD5 460-1016764/5 | 125.0 | 172.874001 | 1000.0 | 64064.0 | 1.382992 | Y |
| 4 | STD20 460-1016764/6 | 500.0 | 843.650779 | 1000.0 | 54487.0 | 1.687302 | Y |
| 5 | STD50 460-1016764/7 | 1250.0 | 1995.503298 | 1000.0 | 57153.0 | 1.596403 | Y |
| 6 | STD200 460-1016764/8 | 5000.0 | 7290.084498 | 1000.0 | 67339.0 | 1.458017 | Y |
| 7 | STD500 460-1016764/9 | 12500.0 | 18652.589447 | 1000.0 | 65709.0 | 1.492207 | Y |



## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

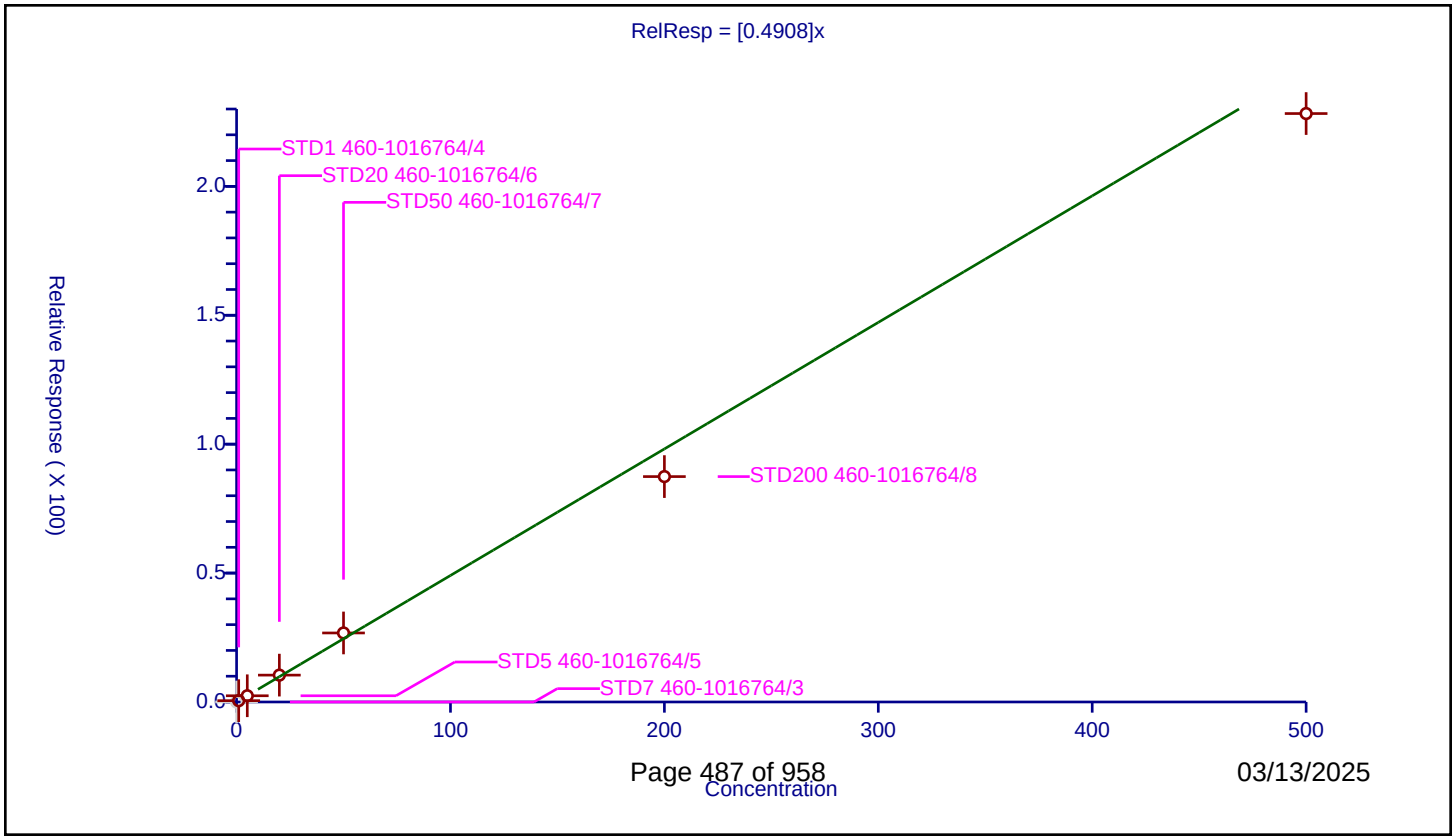
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4908 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.5117 | 50.0 | 483291.0 | 0.5117 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.413158 | 50.0 | 534362.0 | 0.482632 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 10.425702 | 50.0 | 458607.0 | 0.521285 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 26.771586 | 50.0 | 440241.0 | 0.535432 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 87.432058 | 50.0 | 495276.0 | 0.43716 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 228.239646 | 50.0 | 536432.0 | 0.456479 | Y |



## Calibration / Ethyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

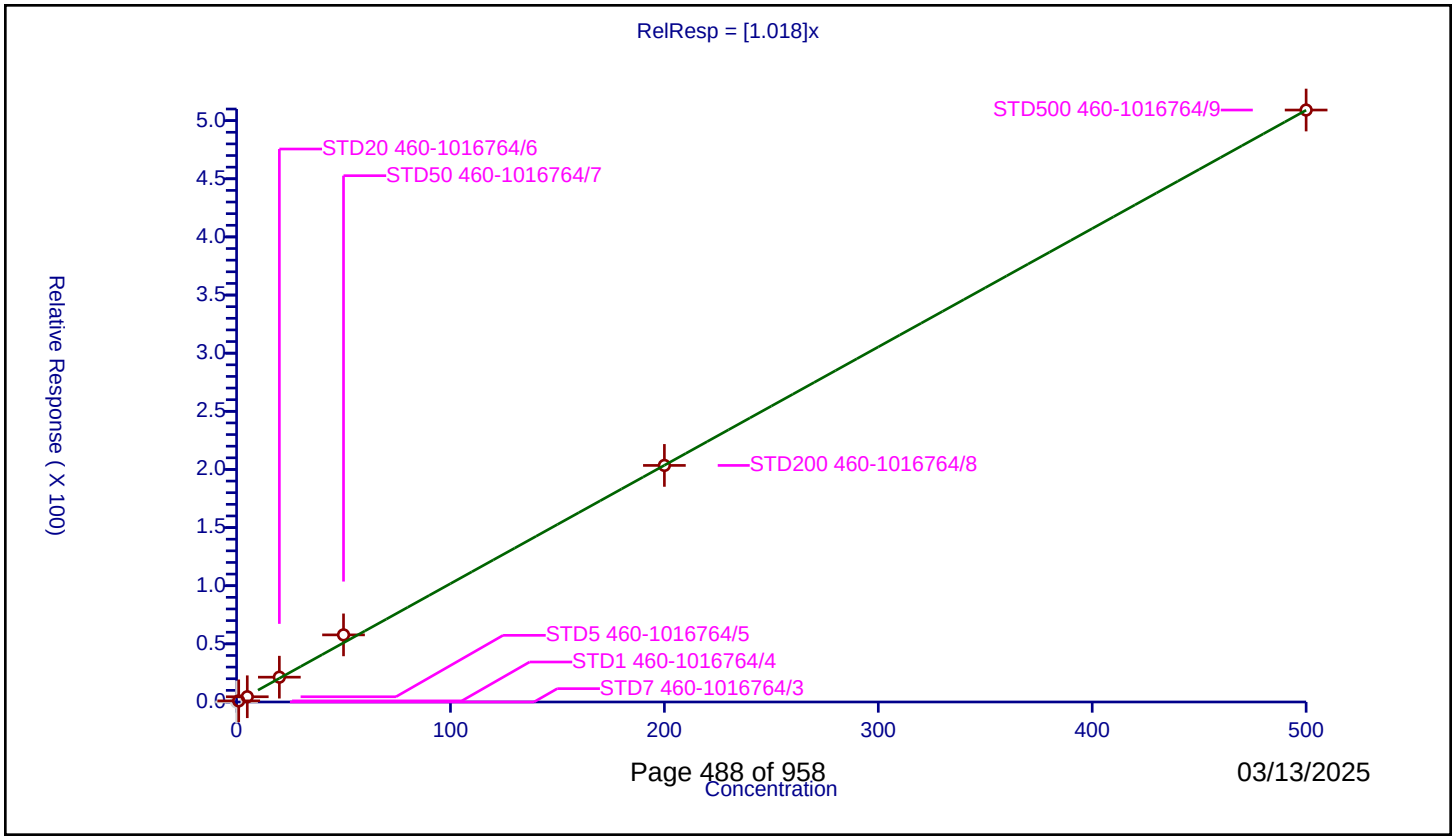
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.018 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.951601 | 50.0 | 483291.0 | 0.951601 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 4.498074 | 50.0 | 534362.0 | 0.899615 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 21.330464 | 50.0 | 458607.0 | 1.066523 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 57.721225 | 50.0 | 440241.0 | 1.154425 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 203.463826 | 50.0 | 495276.0 | 1.017319 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 509.137505 | 50.0 | 536432.0 | 1.018275 | Y |



## Calibration / Methylcyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

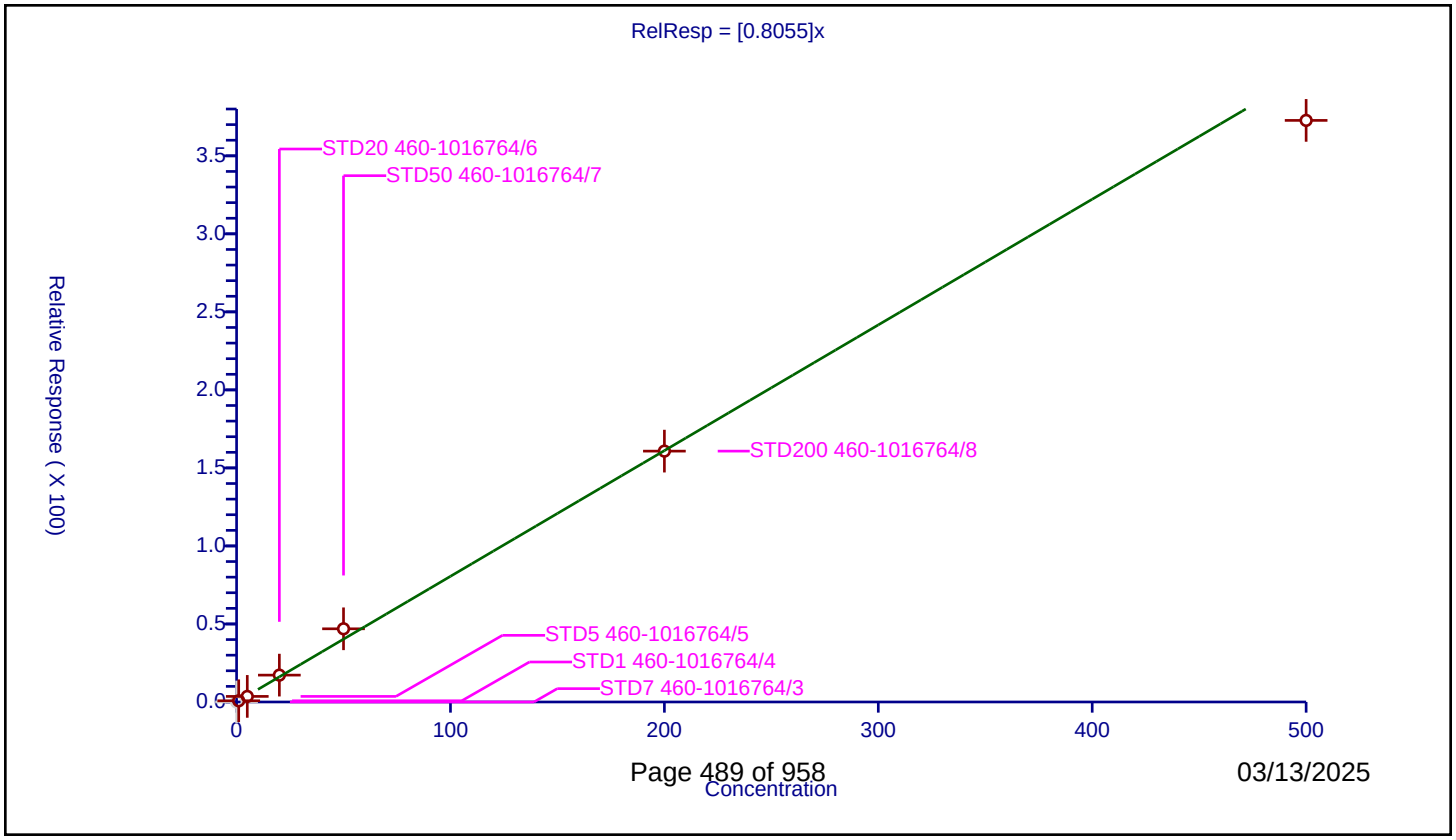
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8055 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.769619 | 50.0 | 483291.0 | 0.769619 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.577631 | 50.0 | 534362.0 | 0.715526 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 17.210705 | 50.0 | 458607.0 | 0.860535 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 46.894883 | 50.0 | 440241.0 | 0.937898 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 160.756427 | 50.0 | 495276.0 | 0.803782 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 372.706419 | 50.0 | 536432.0 | 0.745413 | Y |



## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

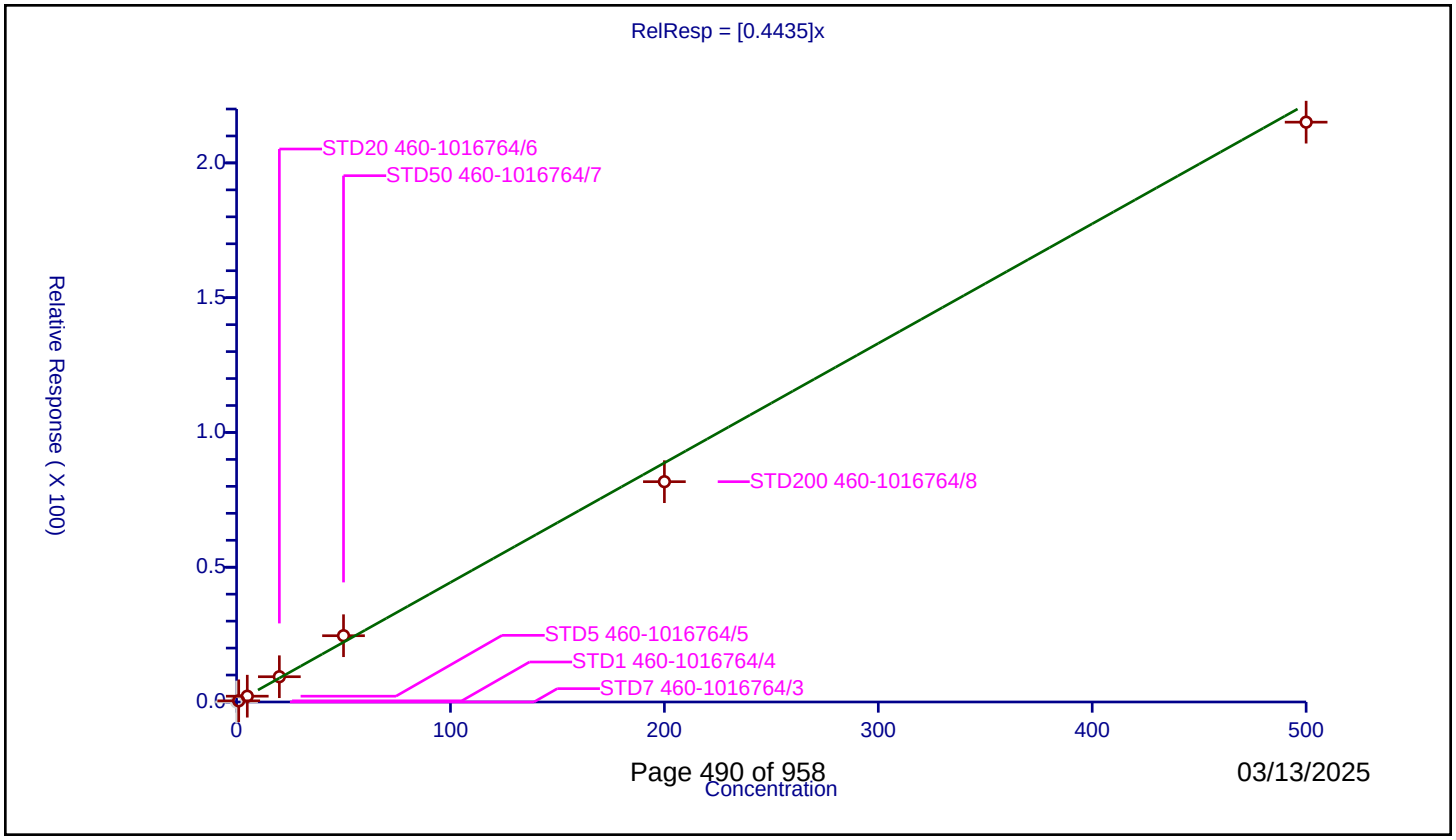
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.430383 | 50.0 | 483291.0 | 0.430383 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.15631 | 50.0 | 534362.0 | 0.431262 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 9.376547 | 50.0 | 458607.0 | 0.468827 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 24.592098 | 50.0 | 440241.0 | 0.491842 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 81.735033 | 50.0 | 495276.0 | 0.408675 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 215.125682 | 50.0 | 536432.0 | 0.430251 | Y |



## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

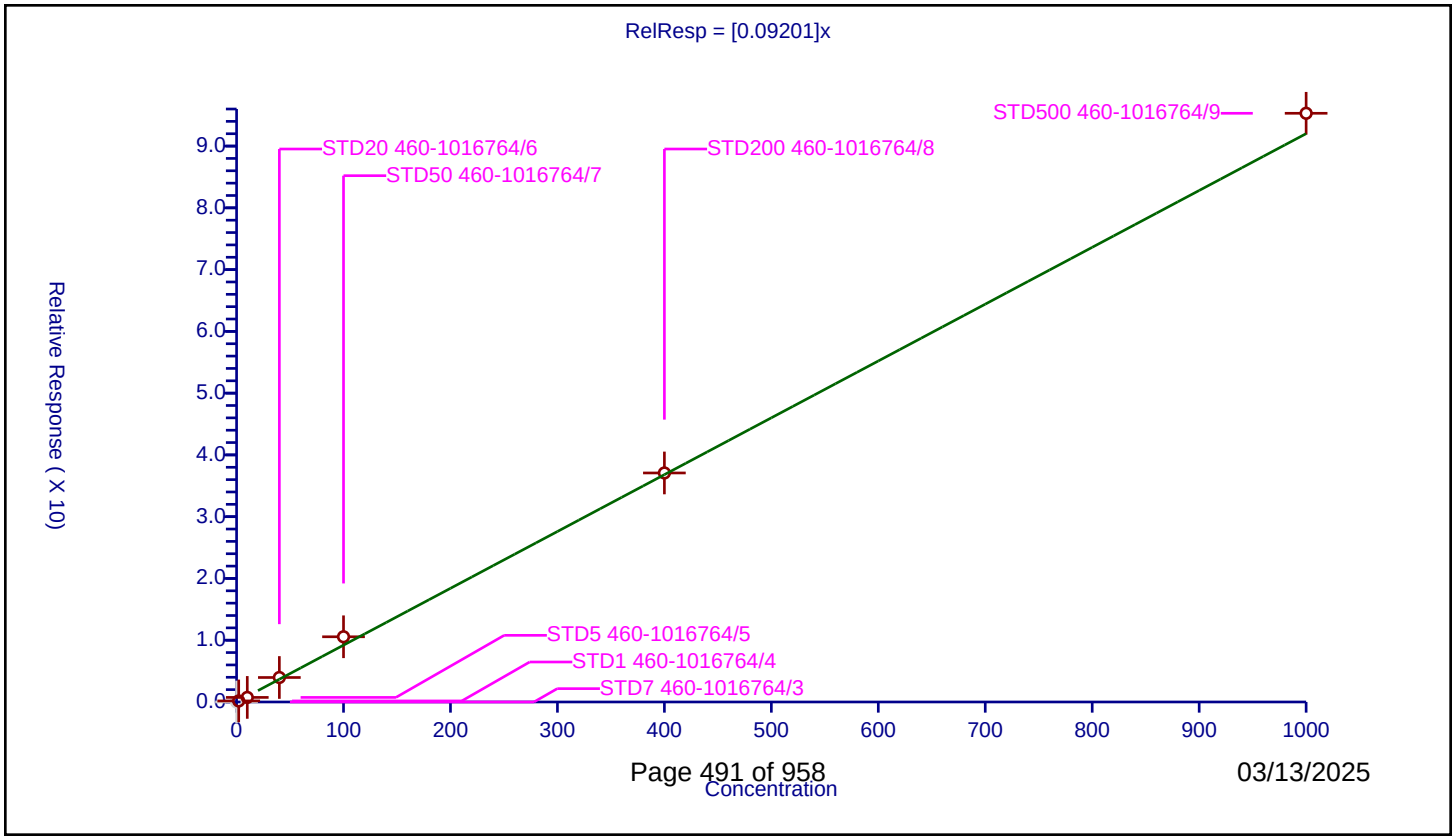
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09201 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 2.0 | 0.170601 | 50.0 | 483291.0 | 0.085301 | Y |
| 3 | STD5 460-1016764/5 | 10.0 | 0.740696 | 50.0 | 534362.0 | 0.07407 | Y |
| 4 | STD20 460-1016764/6 | 40.0 | 3.963851 | 50.0 | 458607.0 | 0.099096 | Y |
| 5 | STD50 460-1016764/7 | 100.0 | 10.559444 | 50.0 | 440241.0 | 0.105594 | Y |
| 6 | STD200 460-1016764/8 | 400.0 | 37.078922 | 50.0 | 495276.0 | 0.092697 | Y |
| 7 | STD500 460-1016764/9 | 1000.0 | 95.309657 | 50.0 | 536432.0 | 0.09531 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

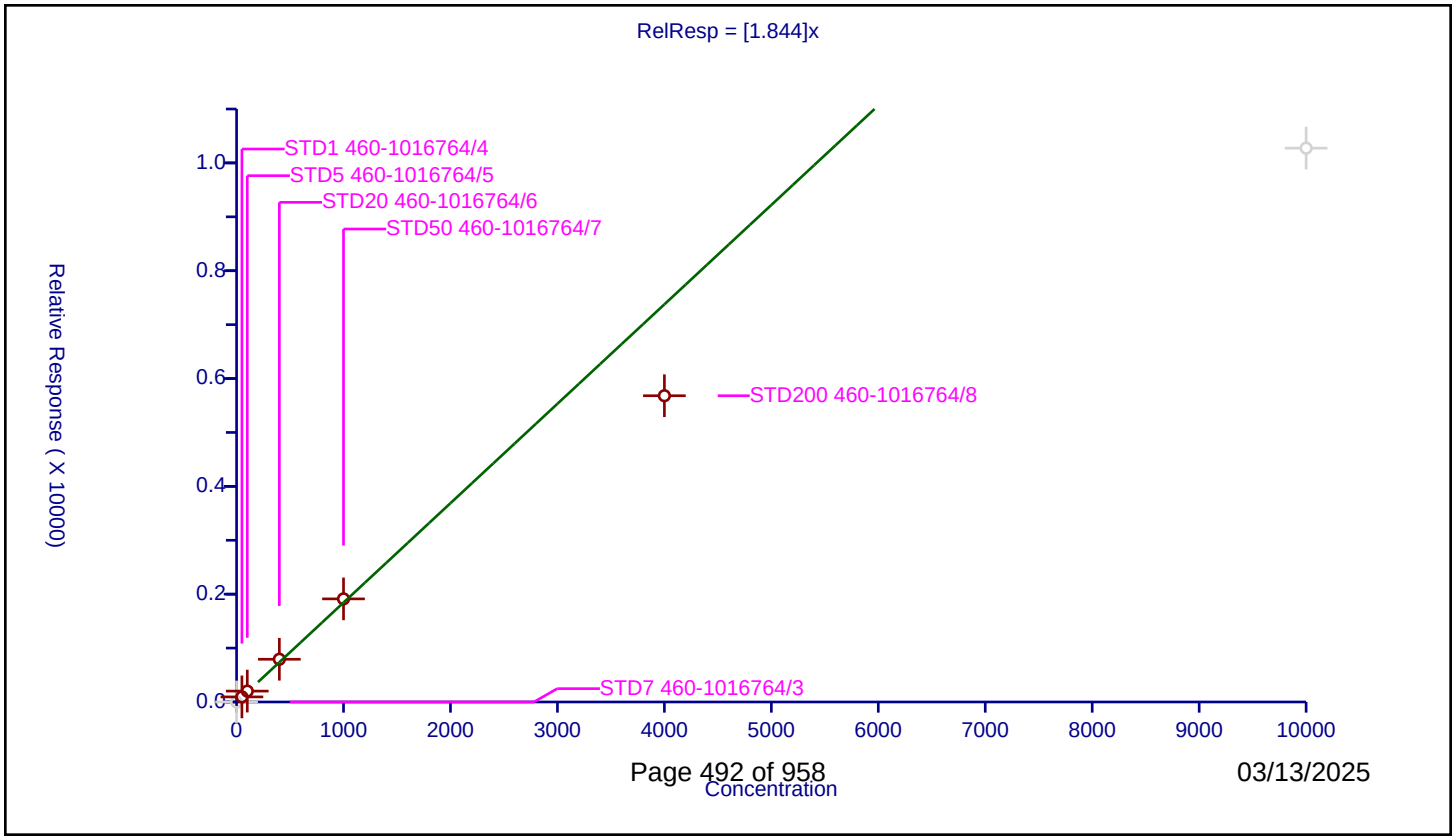
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.844 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 1000.0 | 21432.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 50.000062 | 94.381177 | 1000.0 | 18616.0 | 1.887621 | Y |
| 3 | STD5 460-1016764/5 | 100.0 | 201.842333 | 1000.0 | 19649.0 | 2.018423 | Y |
| 4 | STD20 460-1016764/6 | 400.0 | 792.614759 | 1000.0 | 17711.0 | 1.981537 | Y |
| 5 | STD50 460-1016764/7 | 1000.0 | 1912.49032 | 1000.0 | 18078.0 | 1.91249 | Y |
| 6 | STD200 460-1016764/8 | 4000.0 | 5681.083038 | 1000.0 | 24856.0 | 1.420271 | Y |
| 7 | STD500 460-1016764/9 | 10000.0 | 10274.167495 | 1000.0 | 32192.0 | 1.027417 | N |



## Calibration / n-Propyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

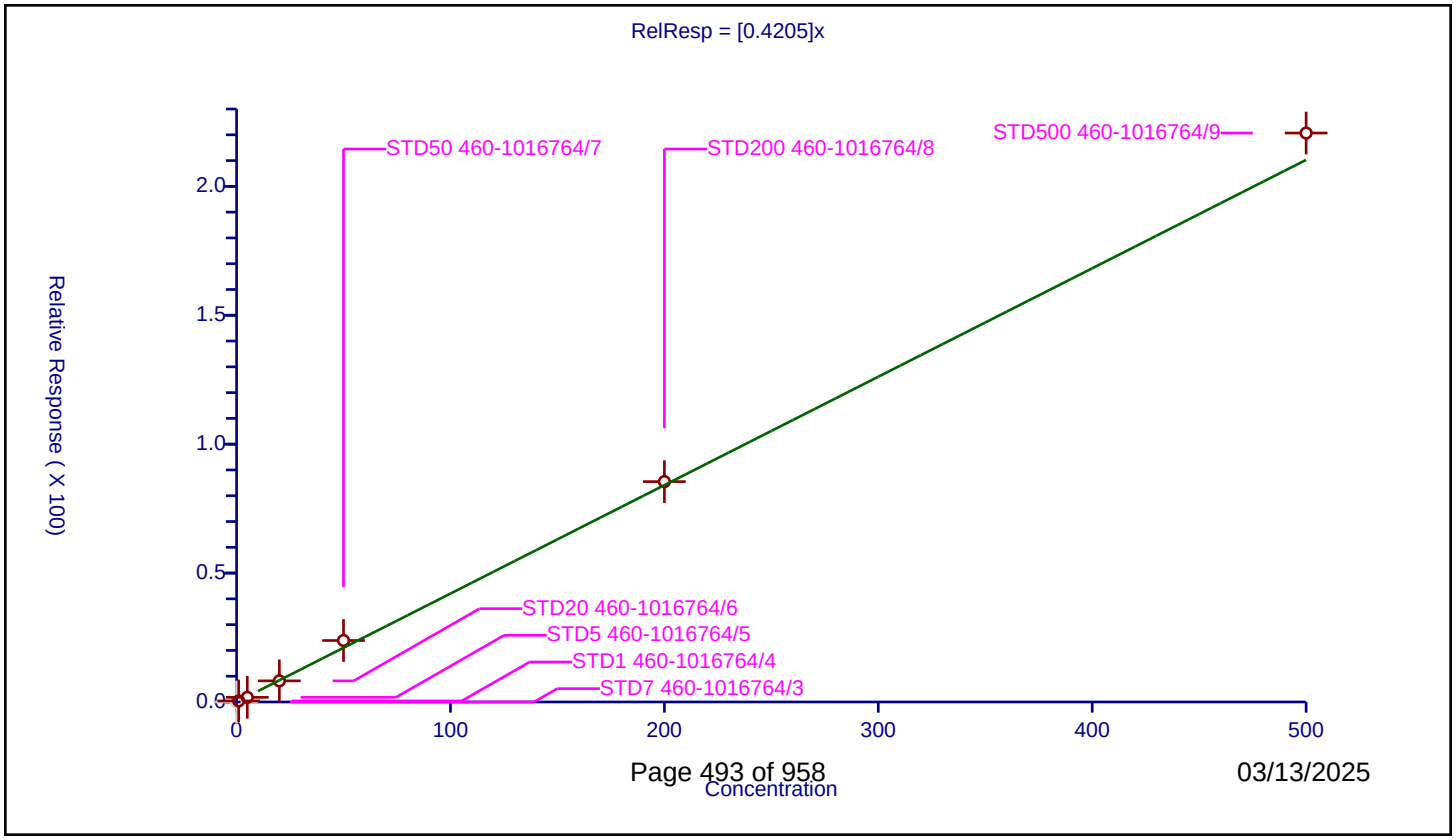
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4205 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.408139 | 50.0 | 483291.0 | 0.408139 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.797003 | 50.0 | 534362.0 | 0.359401 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 8.199177 | 50.0 | 458607.0 | 0.409959 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 23.848642 | 50.0 | 440241.0 | 0.476973 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 85.471131 | 50.0 | 495276.0 | 0.427356 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 220.677458 | 50.0 | 536432.0 | 0.441355 | Y |



## Calibration / Dibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

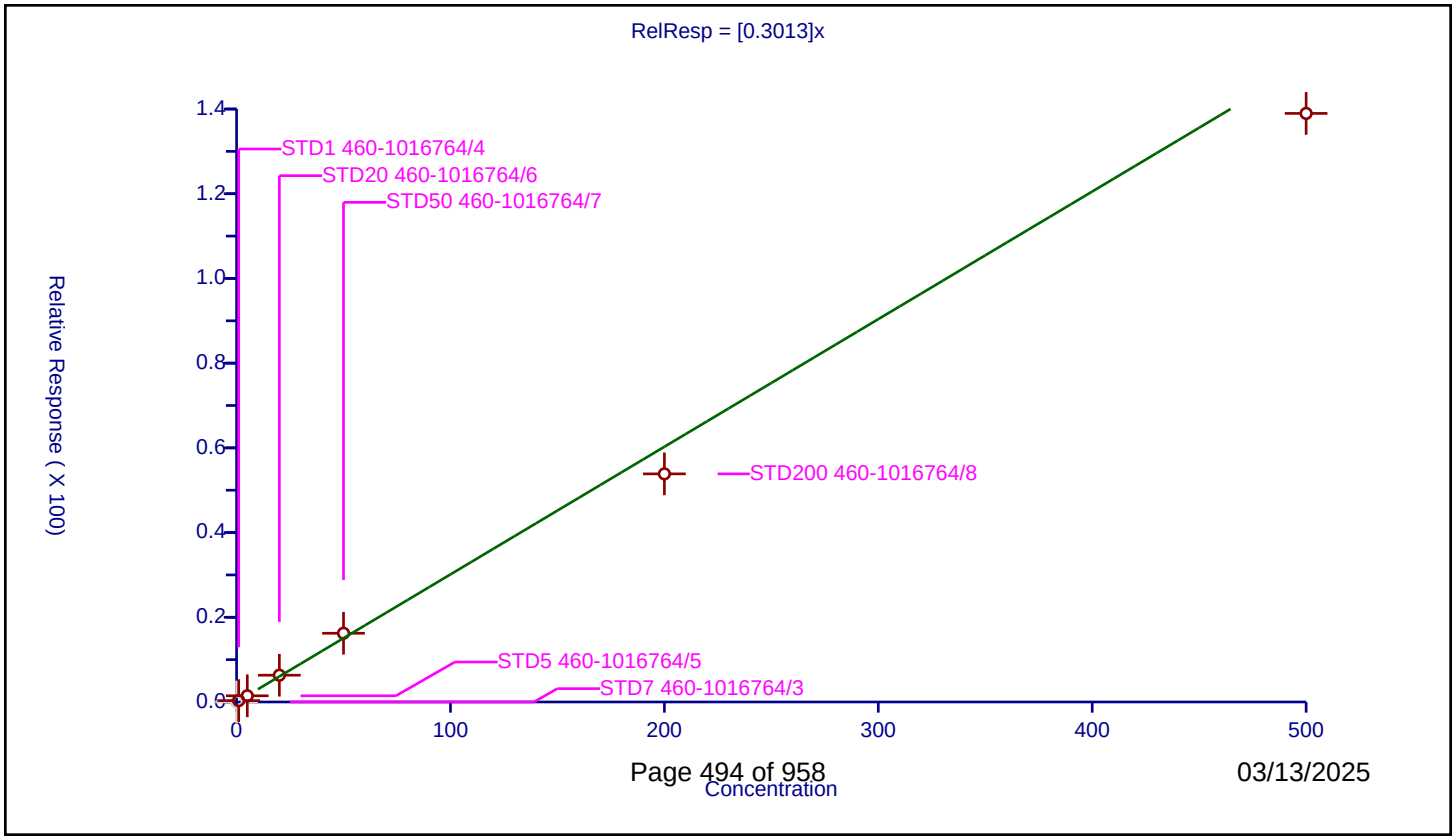
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3013 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.327236 | 50.0 | 483291.0 | 0.327236 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.462398 | 50.0 | 534362.0 | 0.29248 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 6.324042 | 50.0 | 458607.0 | 0.316202 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 16.229065 | 50.0 | 440241.0 | 0.324581 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 53.86118 | 50.0 | 495276.0 | 0.269306 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 138.964025 | 50.0 | 536432.0 | 0.277928 | Y |



## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

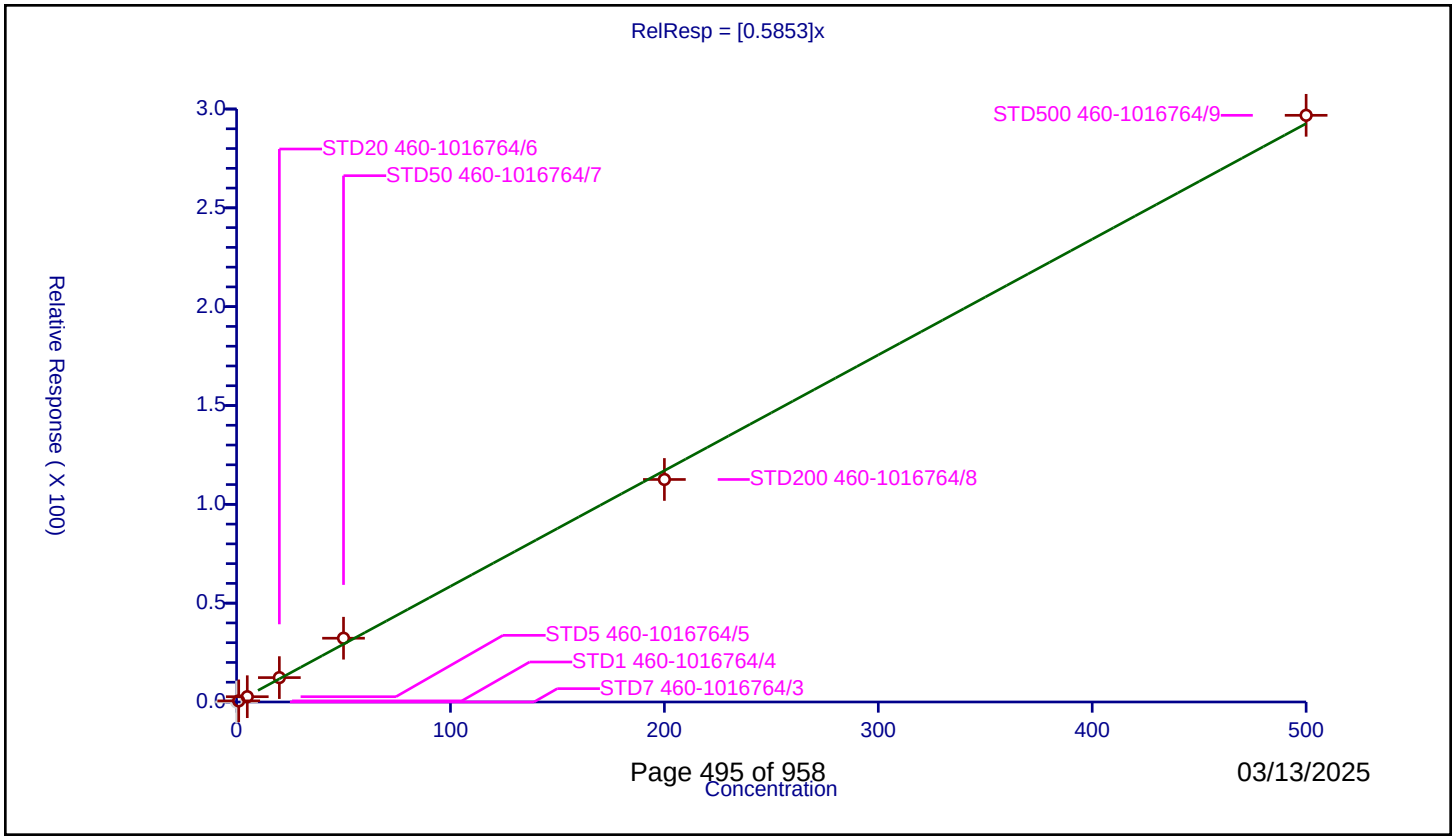
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5853 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.558256 | 50.0 | 483291.0 | 0.558256 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.674124 | 50.0 | 534362.0 | 0.534825 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 12.336052 | 50.0 | 458607.0 | 0.616803 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 32.269825 | 50.0 | 440241.0 | 0.645396 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 112.579249 | 50.0 | 495276.0 | 0.562896 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 296.816279 | 50.0 | 536432.0 | 0.593633 | 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 |

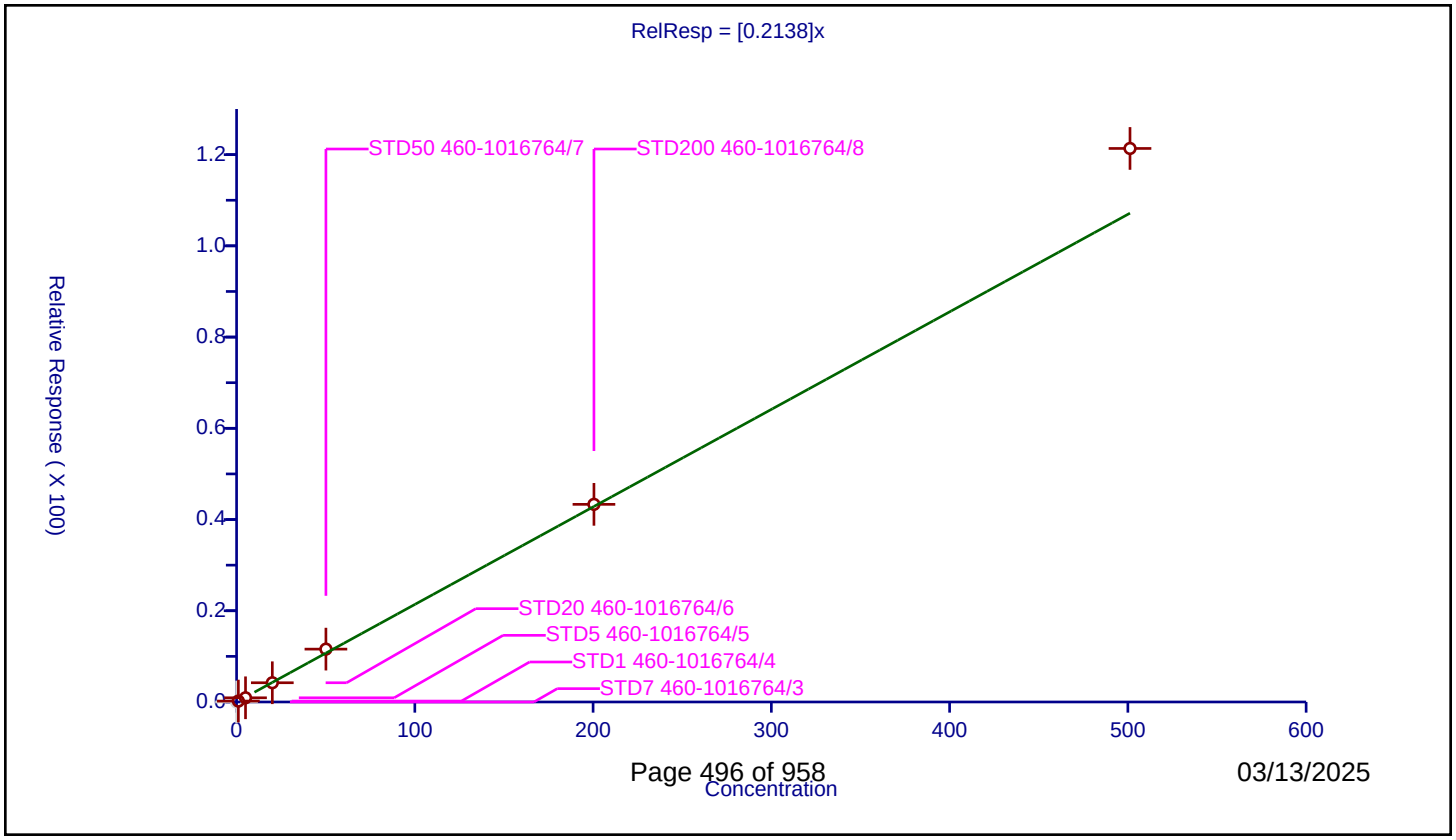
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2138 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0024 | 0.199466 | 50.0 | 483291.0 | 0.198988 | Y |
| 3 | STD5 460-1016764/5 | 5.012 | 0.921566 | 50.0 | 534362.0 | 0.183872 | Y |
| 4 | STD20 460-1016764/6 | 20.048 | 4.220498 | 50.0 | 458607.0 | 0.21052 | Y |
| 5 | STD50 460-1016764/7 | 50.12 | 11.589448 | 50.0 | 440241.0 | 0.231234 | Y |
| 6 | STD200 460-1016764/8 | 200.48 | 43.331799 | 50.0 | 495276.0 | 0.21614 | Y |
| 7 | STD500 460-1016764/9 | 501.2 | 121.352846 | 50.0 | 536432.0 | 0.242125 | Y |



## Calibration / 2-Nitropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

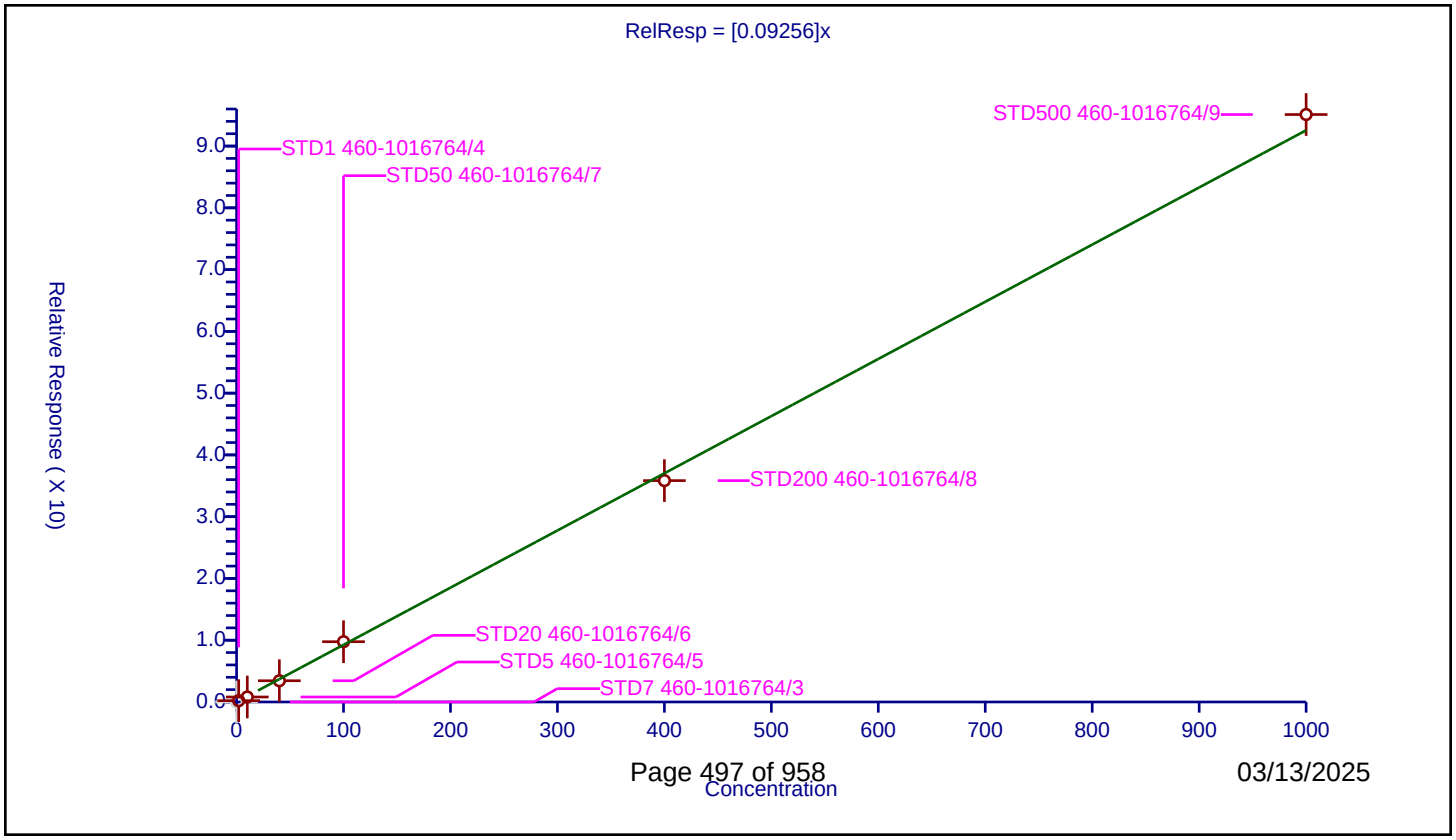
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09256 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 556297.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 2.0 | 0.212294 | 50.0 | 483291.0 | 0.106147 | Y |
| 3 | STD5 460-1016764/5 | 10.0 | 0.809564 | 50.0 | 534362.0 | 0.080956 | Y |
| 4 | STD20 460-1016764/6 | 40.0 | 3.437257 | 50.0 | 458607.0 | 0.085931 | Y |
| 5 | STD50 460-1016764/7 | 100.0 | 9.759314 | 50.0 | 440241.0 | 0.097593 | Y |
| 6 | STD200 460-1016764/8 | 400.0 | 35.838199 | 50.0 | 495276.0 | 0.089595 | Y |
| 7 | STD500 460-1016764/9 | 1000.0 | 95.107208 | 50.0 | 536432.0 | 0.095107 | Y |



## Calibration / Epichlorohydrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

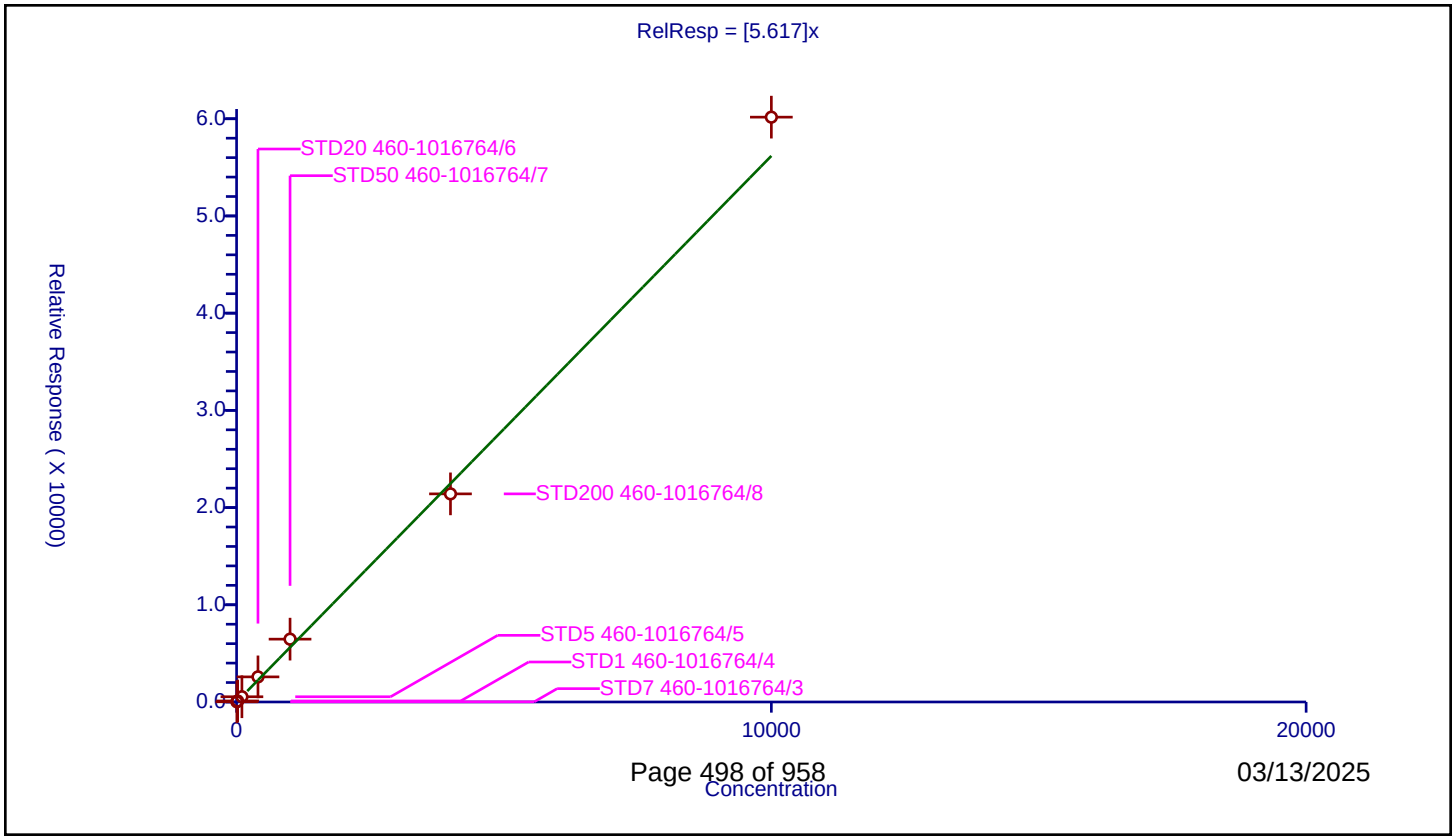
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.617 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 5.000009 | 21.766662 | 1000.0 | 71853.0 | 4.353325 | Y |
| 2 | STD1 460-1016764/4 | 20.000035 | 105.704472 | 1000.0 | 59392.0 | 5.285214 | Y |
| 3 | STD5 460-1016764/5 | 100.000173 | 539.273227 | 1000.0 | 64064.0 | 5.392723 | Y |
| 4 | STD20 460-1016764/6 | 400.000692 | 2583.350157 | 1000.0 | 54487.0 | 6.458364 | Y |
| 5 | STD50 460-1016764/7 | 1000.00173 | 6463.545221 | 1000.0 | 57153.0 | 6.463534 | Y |
| 6 | STD200 460-1016764/8 | 4000.00692 | 21409.406139 | 1000.0 | 67339.0 | 5.352342 | Y |
| 7 | STD500 460-1016764/9 | 10000.0173 | 60162.595687 | 1000.0 | 65709.0 | 6.016249 | 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 |

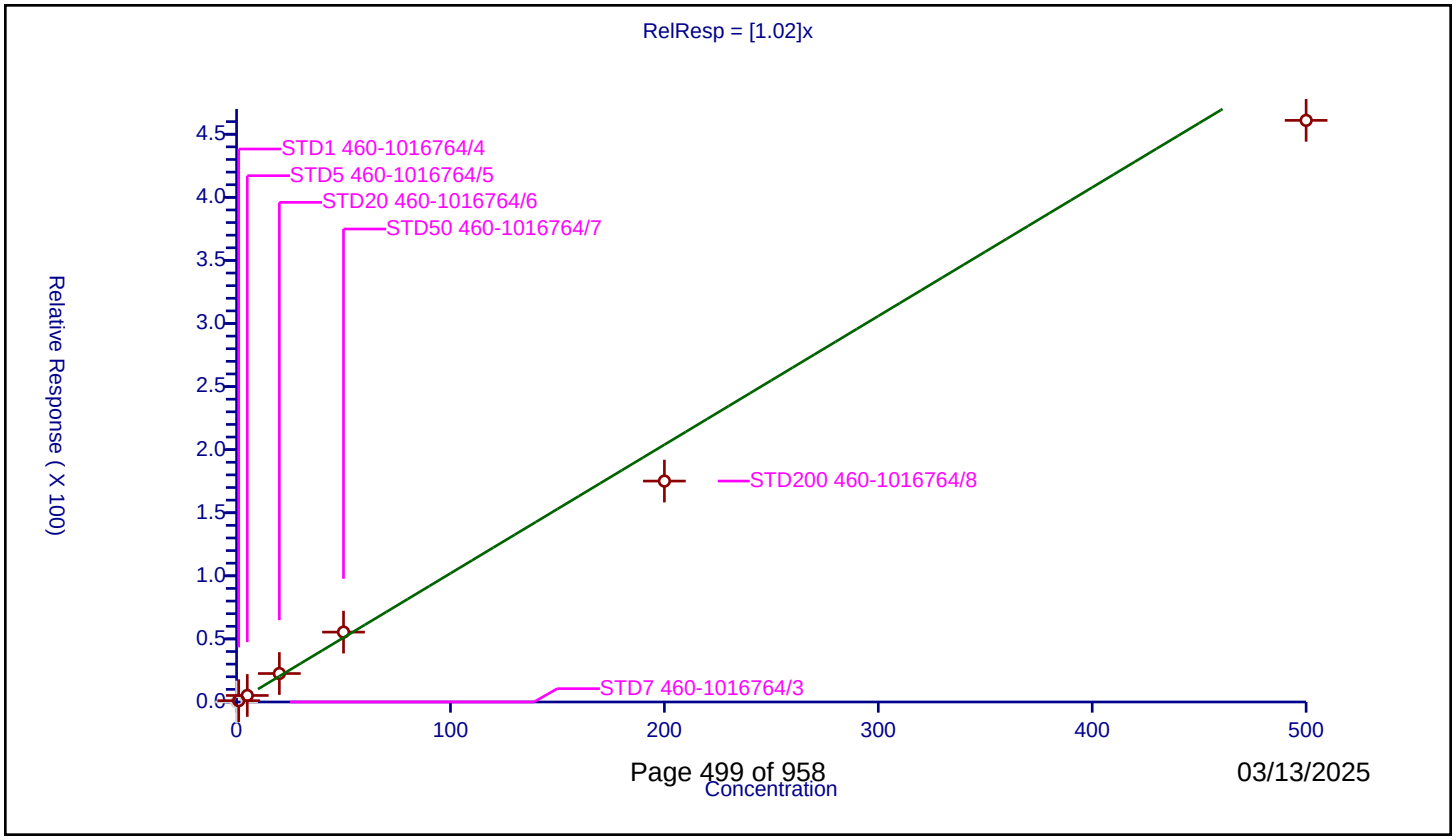
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.02 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.052564 | 50.0 | 279888.0 | 1.052564 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 5.159679 | 50.0 | 323838.0 | 1.031936 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 22.562128 | 50.0 | 301554.0 | 1.128106 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 55.394322 | 50.0 | 315897.0 | 1.107886 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 175.113689 | 50.0 | 395818.0 | 0.875568 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 460.986134 | 50.0 | 437902.0 | 0.921972 | 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 |

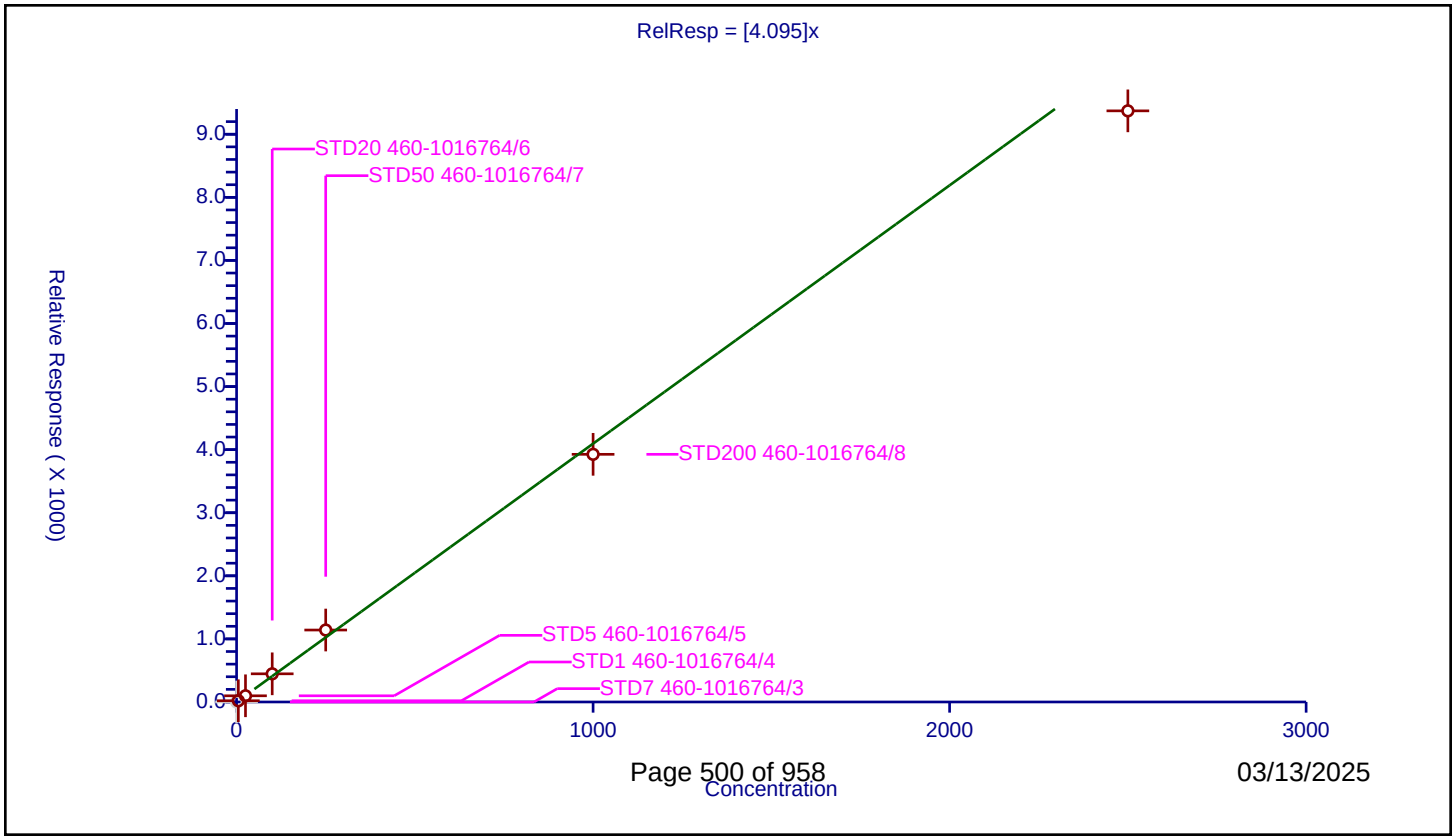
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.095 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 250.0 | 241528.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 5.0 | 19.701198 | 250.0 | 195280.0 | 3.94024 | Y |
| 3 | STD5 460-1016764/5 | 25.0 | 98.09368 | 250.0 | 224018.0 | 3.923747 | Y |
| 4 | STD20 460-1016764/6 | 100.0 | 446.794917 | 250.0 | 198388.0 | 4.467949 | Y |
| 5 | STD50 460-1016764/7 | 250.0 | 1140.879296 | 250.0 | 196191.0 | 4.563517 | Y |
| 6 | STD200 460-1016764/8 | 1000.0 | 3926.258189 | 250.0 | 214773.0 | 3.926258 | Y |
| 7 | STD500 460-1016764/9 | 2500.0 | 9370.830561 | 250.0 | 235973.0 | 3.748332 | Y |



## Calibration / Toluene-d8 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

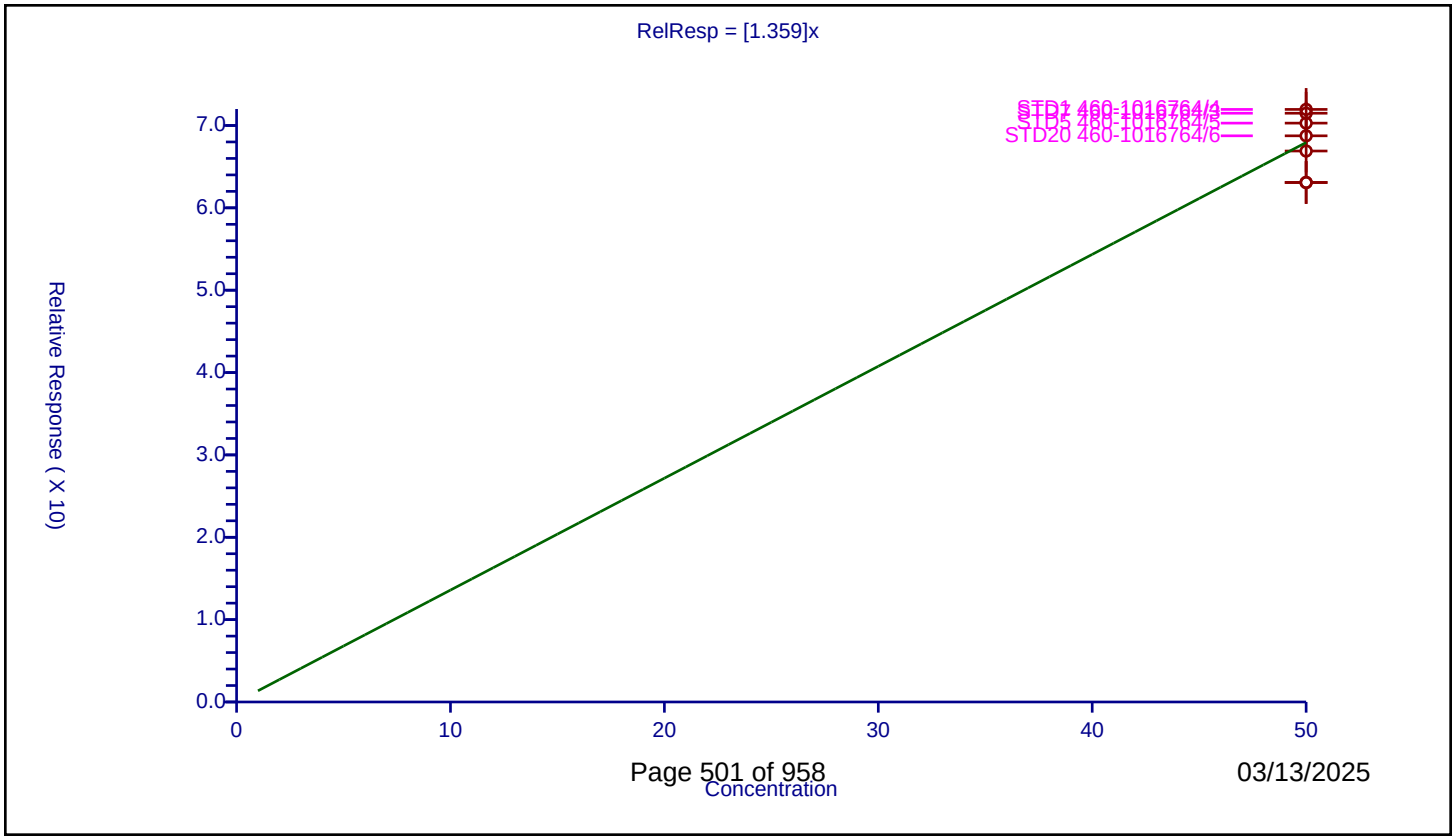
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.359 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 50.0 | 71.487267 | 50.0 | 324555.0 | 1.429745 | Y |
| 2 | STD1 460-1016764/4 | 50.0 | 71.95271 | 50.0 | 279888.0 | 1.439054 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 70.286841 | 50.0 | 323838.0 | 1.405737 | Y |
| 4 | STD20 460-1016764/6 | 50.0 | 68.745399 | 50.0 | 301554.0 | 1.374908 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 66.901553 | 50.0 | 315897.0 | 1.338031 | Y |
| 6 | STD200 460-1016764/8 | 50.0 | 63.068001 | 50.0 | 395818.0 | 1.26136 | Y |
| 7 | STD500 460-1016764/9 | 50.0 | 63.091742 | 50.0 | 437902.0 | 1.261835 | Y |



## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

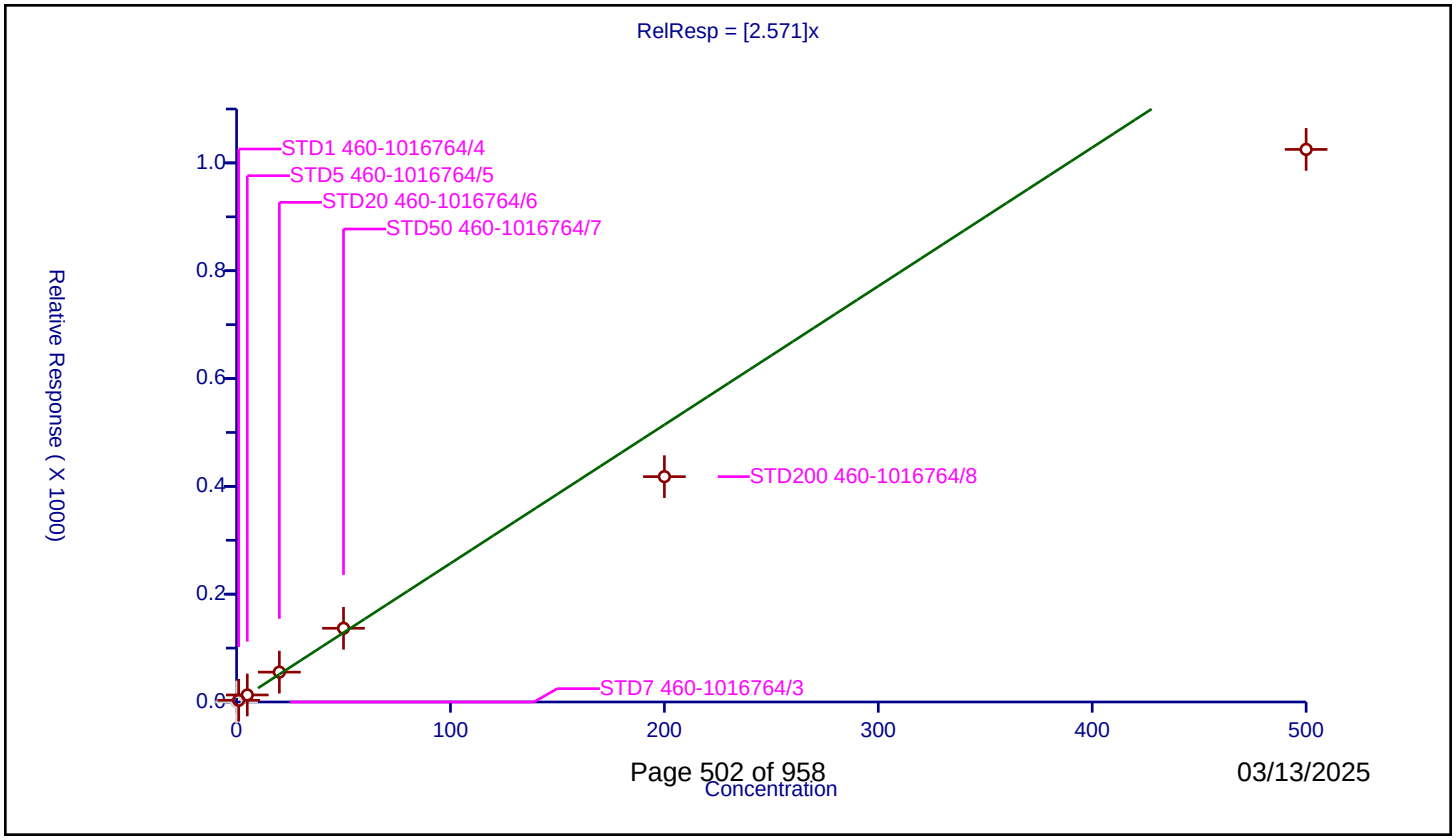
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.571 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 3.178414 | 50.0 | 279888.0 | 3.178414 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 13.021943 | 50.0 | 323838.0 | 2.604389 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 55.397043 | 50.0 | 301554.0 | 2.769852 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 136.762299 | 50.0 | 315897.0 | 2.735246 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 418.007013 | 50.0 | 395818.0 | 2.090035 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1025.064284 | 50.0 | 437902.0 | 2.050129 | 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 |

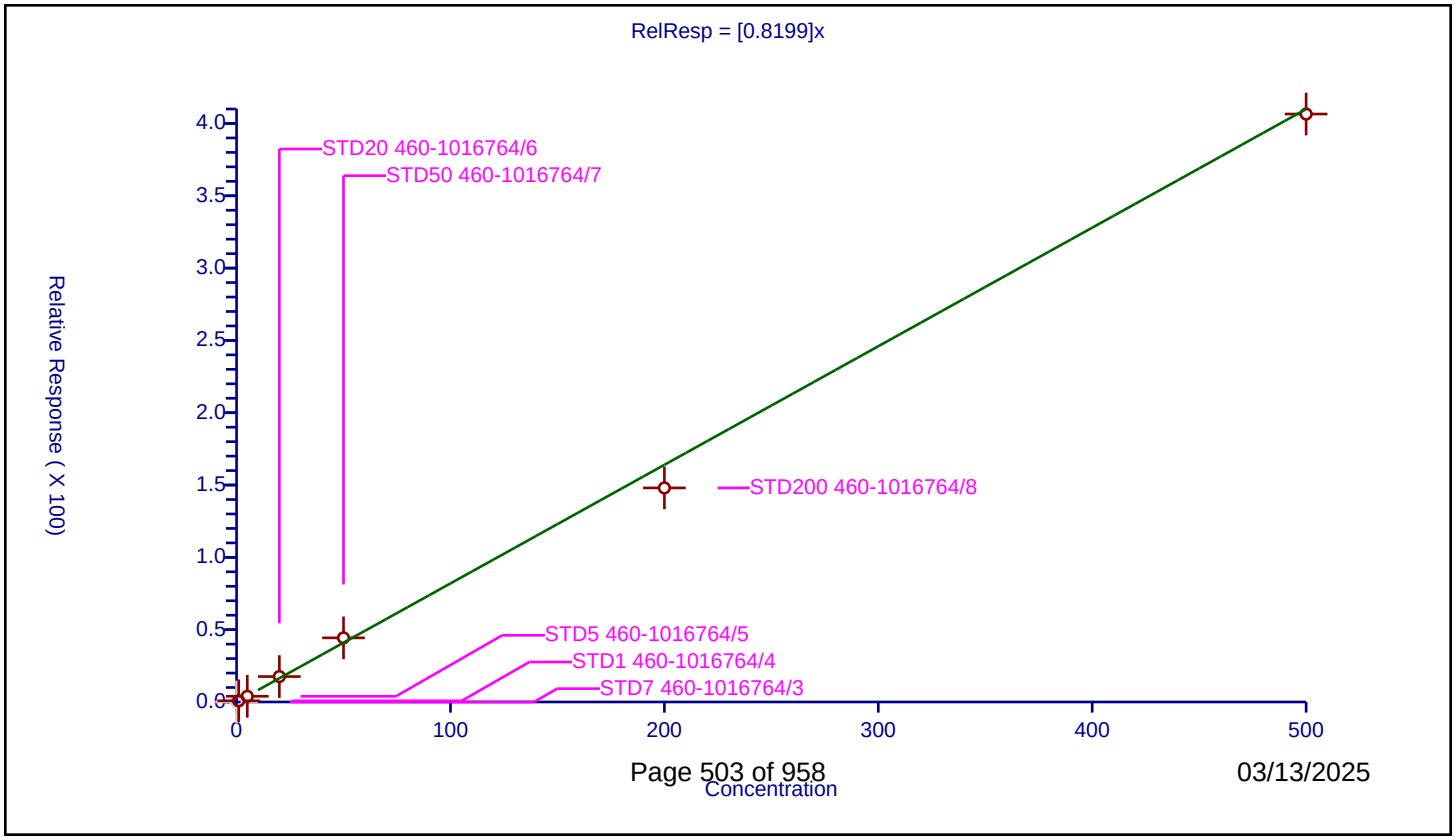
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8199 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.812468 | 50.0 | 279888.0 | 0.812468 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.937617 | 50.0 | 323838.0 | 0.787523 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 17.586237 | 50.0 | 301554.0 | 0.879312 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 44.335337 | 50.0 | 315897.0 | 0.886707 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 148.00767 | 50.0 | 395818.0 | 0.740038 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 406.534339 | 50.0 | 437902.0 | 0.813069 | Y |



## Calibration / Ethyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

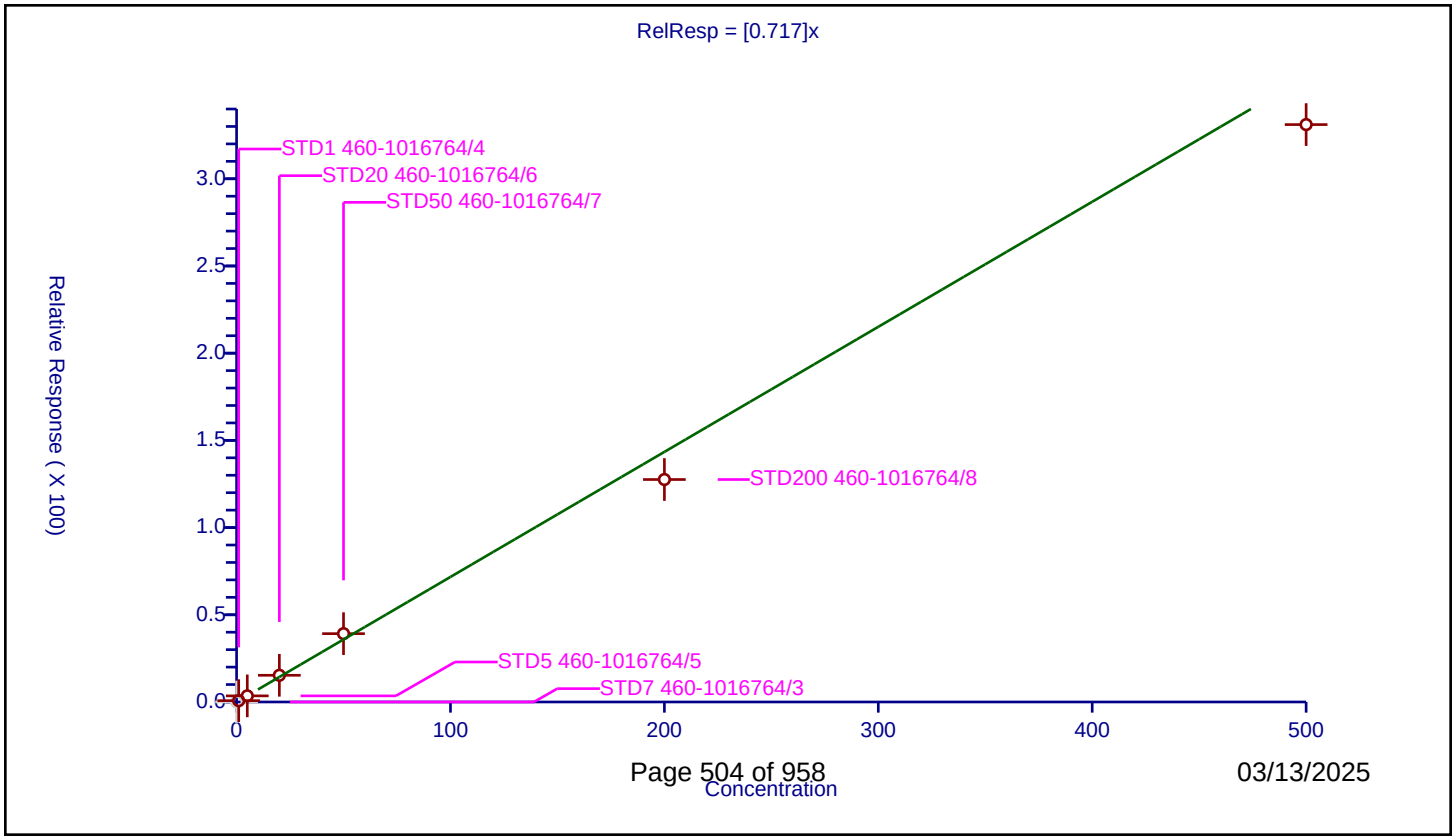
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.717 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.749586 | 50.0 | 279888.0 | 0.749586 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.515184 | 50.0 | 323838.0 | 0.703037 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 15.320473 | 50.0 | 301554.0 | 0.766024 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 39.175427 | 50.0 | 315897.0 | 0.783509 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 127.564563 | 50.0 | 395818.0 | 0.637823 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 331.075104 | 50.0 | 437902.0 | 0.66215 | 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 |

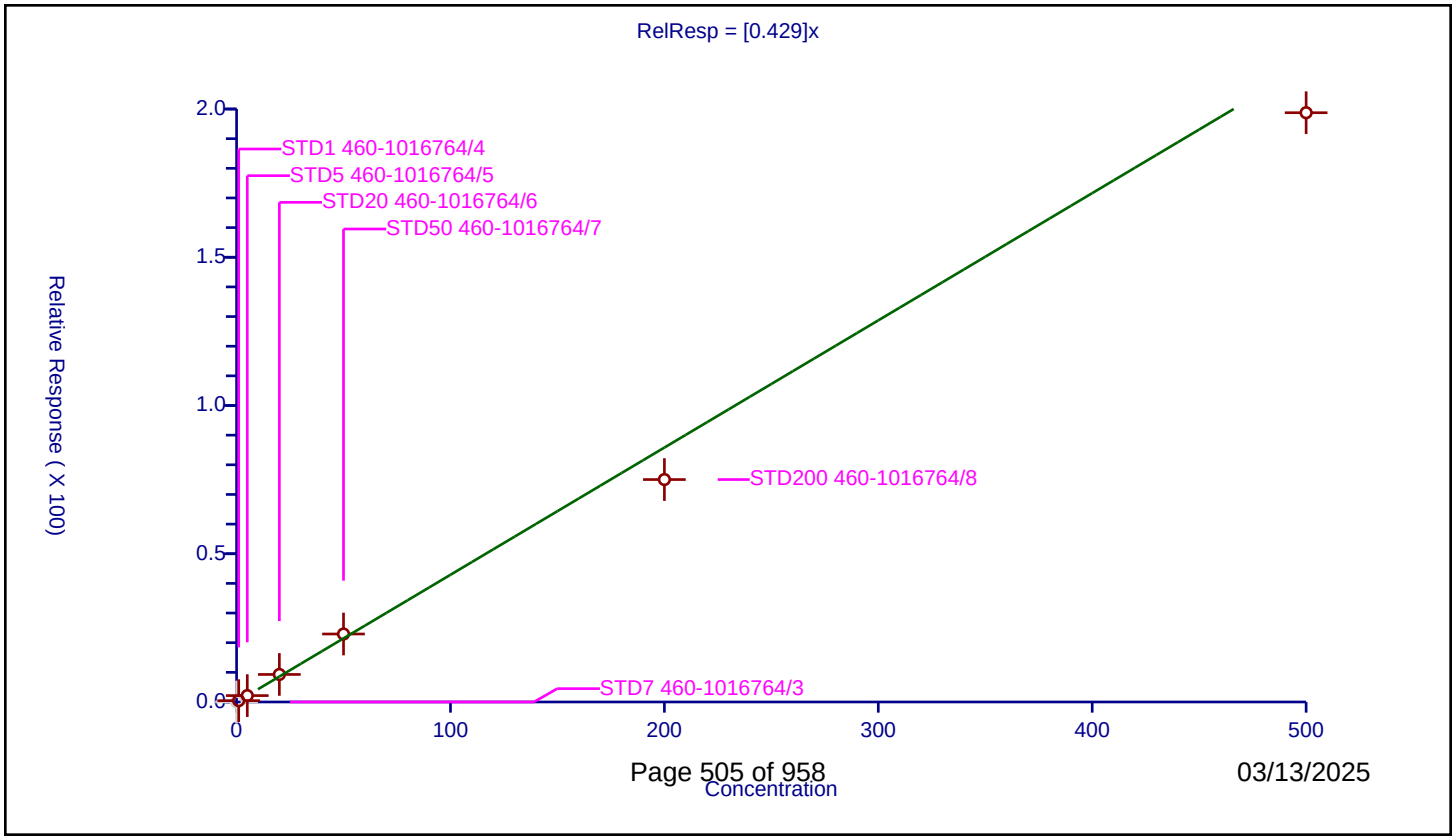
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.429 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.448394 | 50.0 | 279888.0 | 0.448394 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.152928 | 50.0 | 323838.0 | 0.430586 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 9.282583 | 50.0 | 301554.0 | 0.464129 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 22.927568 | 50.0 | 315897.0 | 0.458551 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 75.027159 | 50.0 | 395818.0 | 0.375136 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 198.75052 | 50.0 | 437902.0 | 0.397501 | Y |



## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

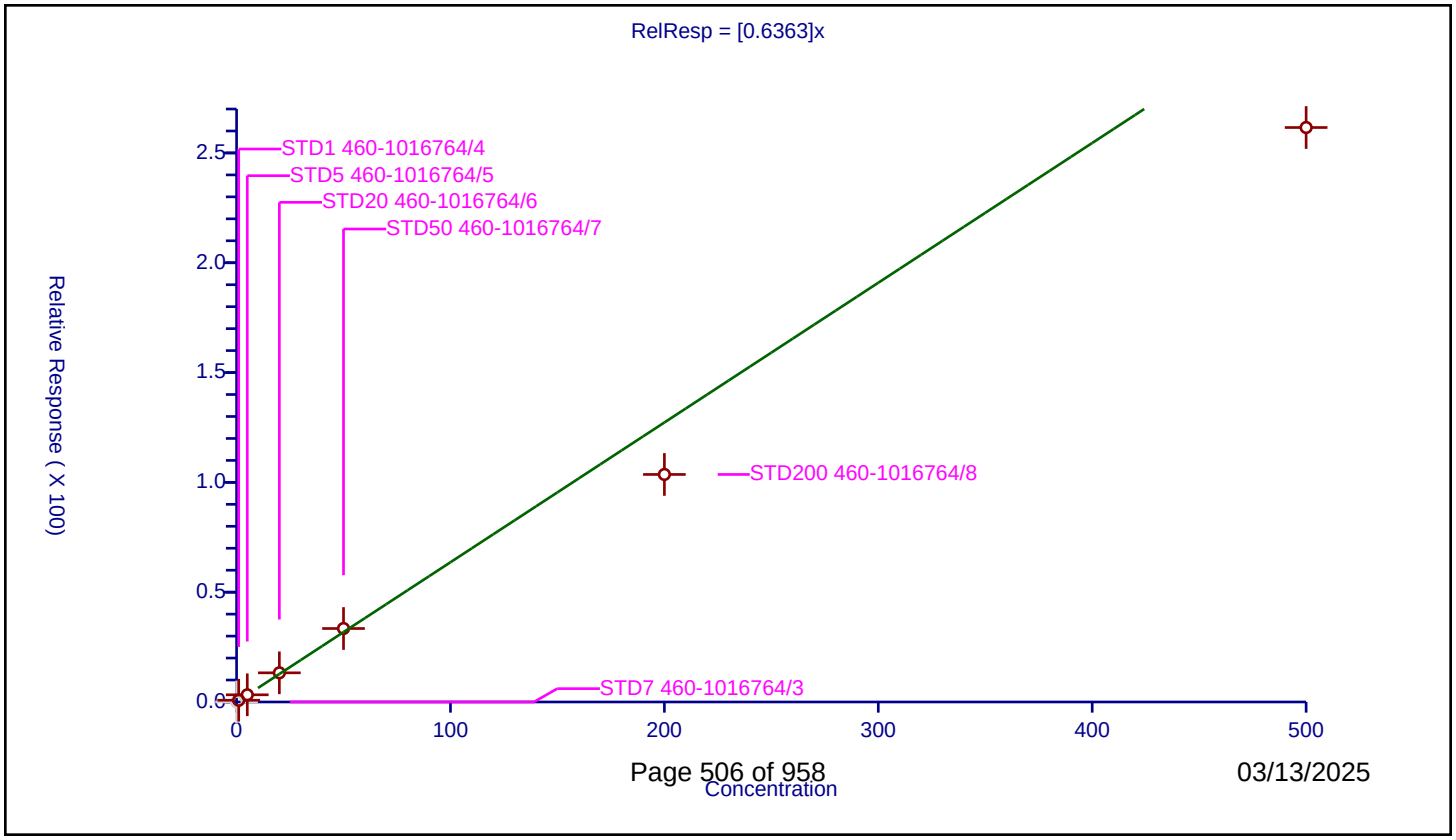
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6363 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.789423 | 50.0 | 279888.0 | 0.789423 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.27247 | 50.0 | 323838.0 | 0.654494 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 13.273245 | 50.0 | 301554.0 | 0.663662 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 33.461223 | 50.0 | 315897.0 | 0.669224 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 103.606203 | 50.0 | 395818.0 | 0.518031 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 261.567771 | 50.0 | 437902.0 | 0.523136 | Y |



## Calibration / 1,3-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

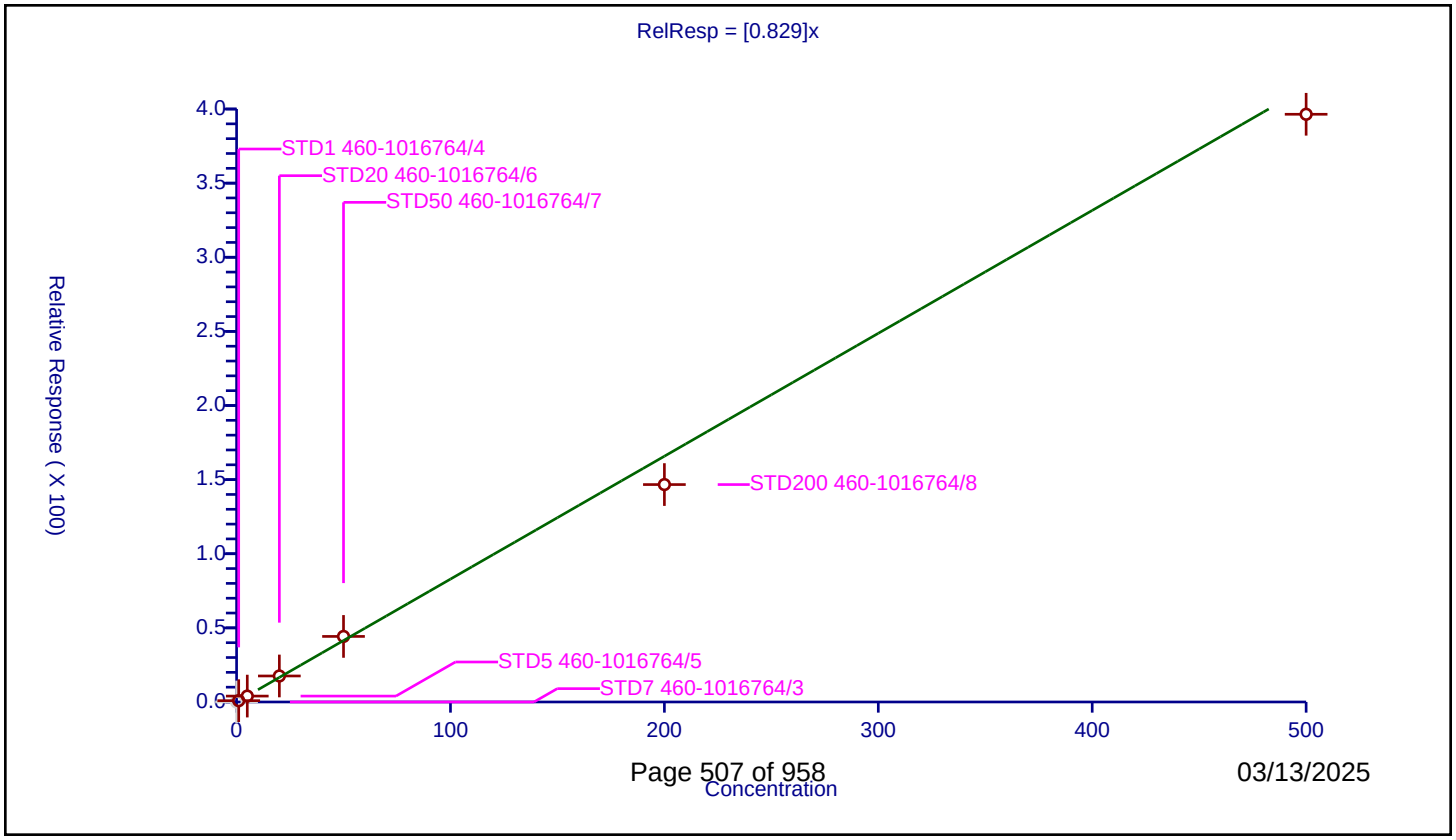
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.829 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.889463 | 50.0 | 279888.0 | 0.889463 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.980076 | 50.0 | 323838.0 | 0.796015 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 17.556391 | 50.0 | 301554.0 | 0.87782 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 44.216469 | 50.0 | 315897.0 | 0.884329 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 146.662987 | 50.0 | 395818.0 | 0.733315 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 396.448292 | 50.0 | 437902.0 | 0.792897 | Y |



## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

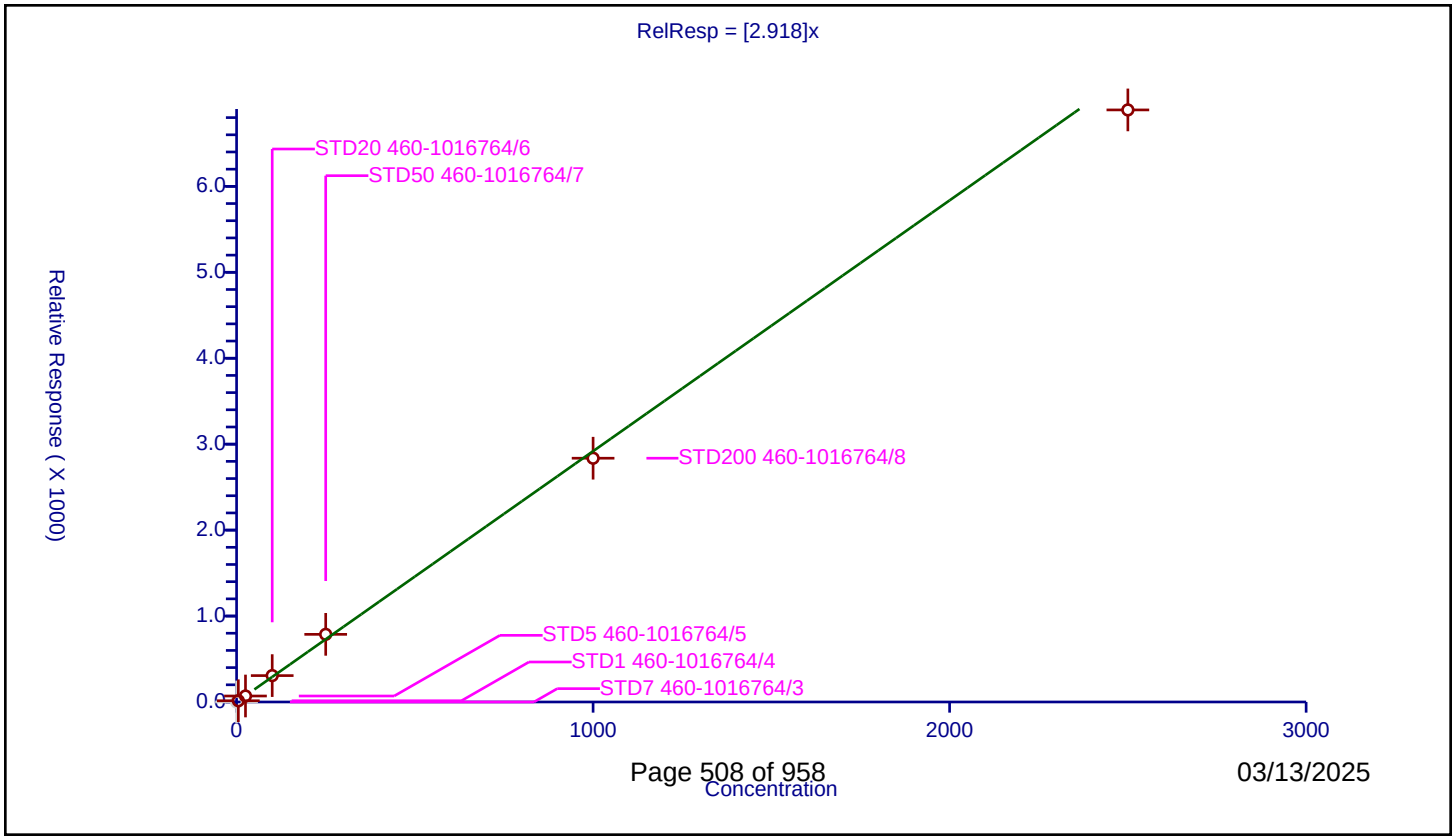
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.918 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 250.0 | 241528.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 5.0 | 14.54194 | 250.0 | 195280.0 | 2.908388 | Y |
| 3 | STD5 460-1016764/5 | 25.0 | 69.770063 | 250.0 | 224018.0 | 2.790803 | Y |
| 4 | STD20 460-1016764/6 | 100.0 | 307.163236 | 250.0 | 198388.0 | 3.071632 | Y |
| 5 | STD50 460-1016764/7 | 250.0 | 786.949962 | 250.0 | 196191.0 | 3.1478 | Y |
| 6 | STD200 460-1016764/8 | 1000.0 | 2836.521583 | 250.0 | 214773.0 | 2.836522 | Y |
| 7 | STD500 460-1016764/9 | 2500.0 | 6889.417433 | 250.0 | 235973.0 | 2.755767 | Y |



## Calibration / n-Butyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

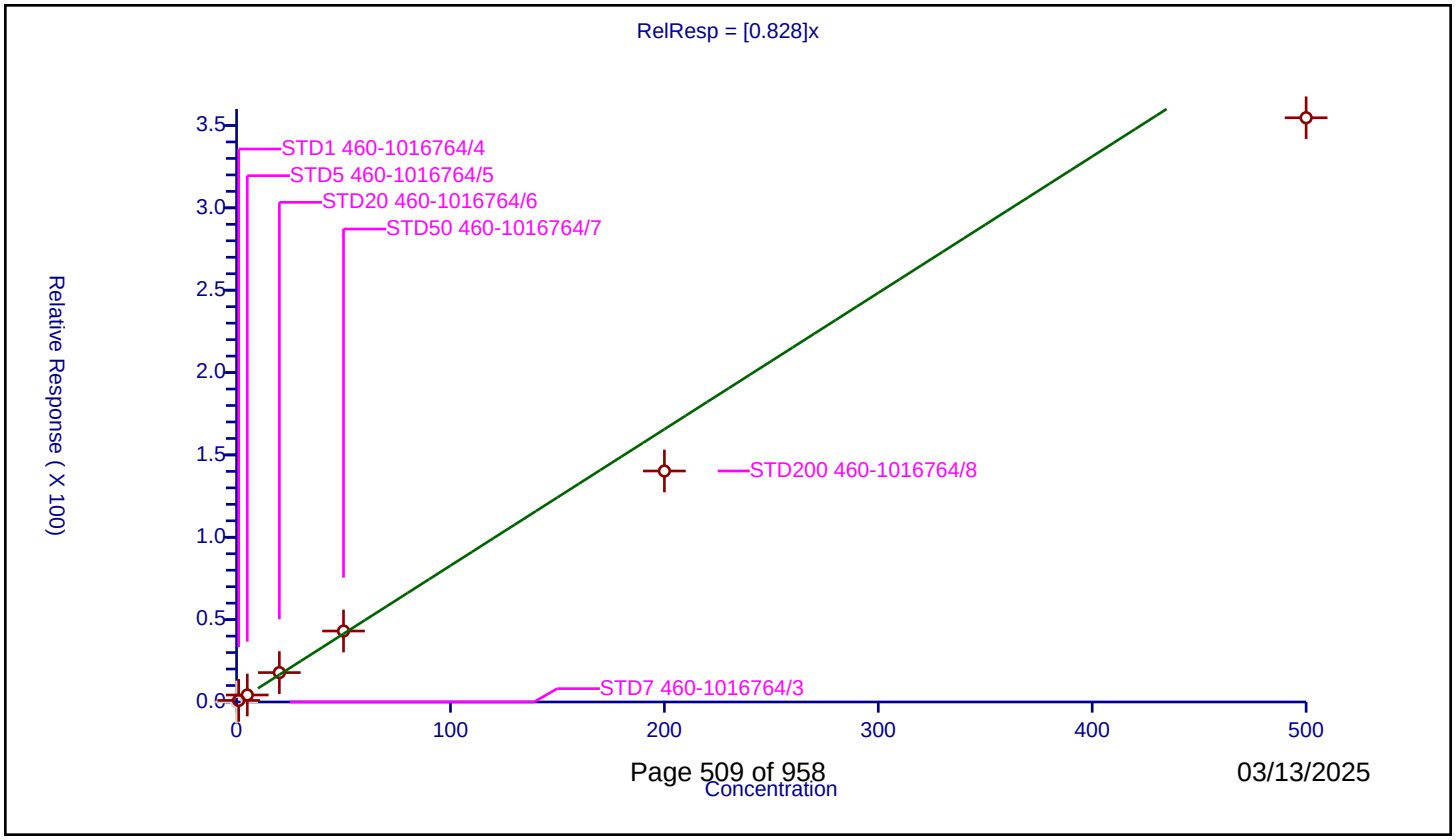
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.828 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.952524 | 50.0 | 279888.0 | 0.952524 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 4.251354 | 50.0 | 323838.0 | 0.850271 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 17.849871 | 50.0 | 301554.0 | 0.892494 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 43.094585 | 50.0 | 315897.0 | 0.861892 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 140.242864 | 50.0 | 395818.0 | 0.701214 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 354.697056 | 50.0 | 437902.0 | 0.709394 | Y |



## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

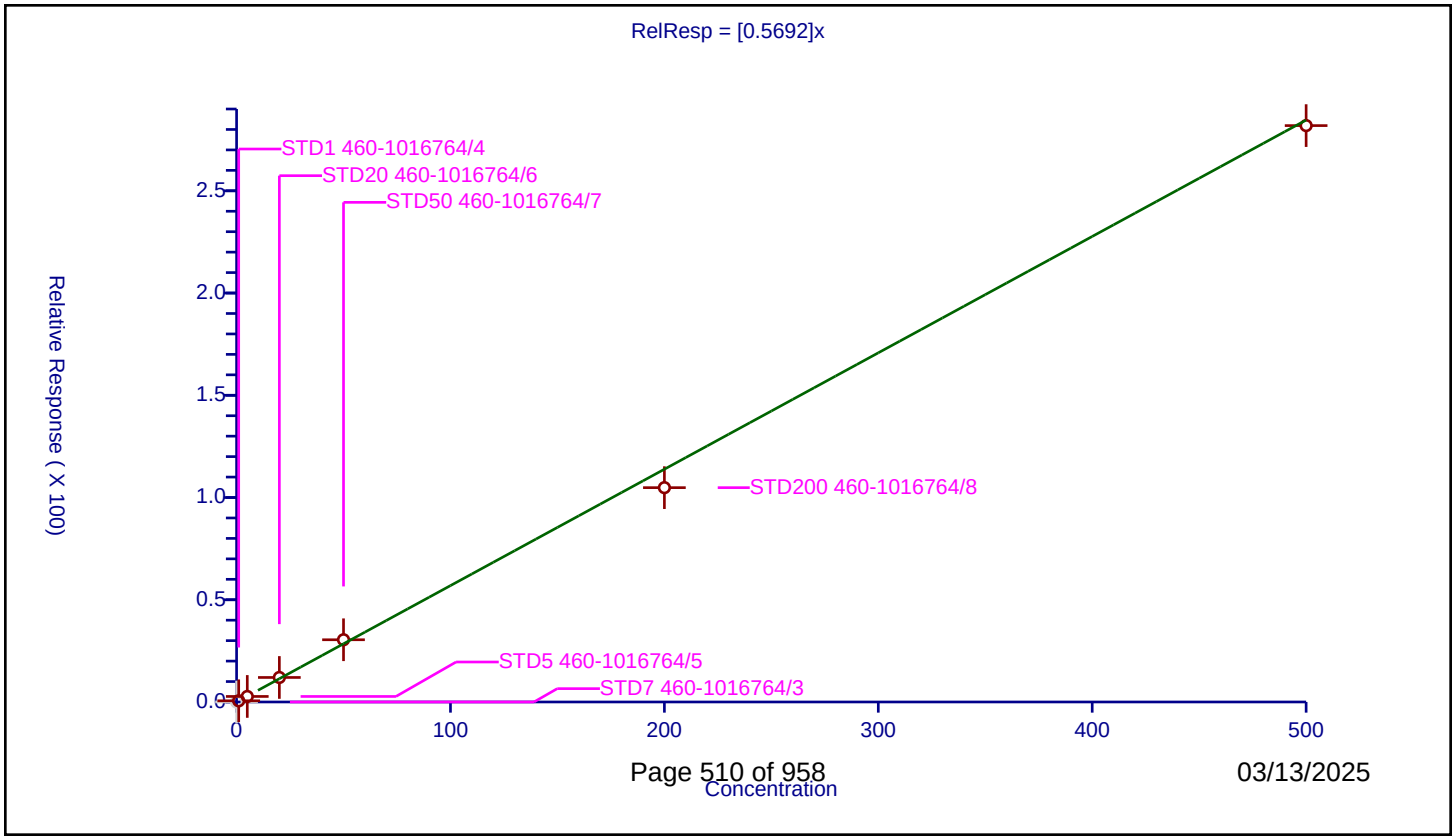
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5692 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.57916 | 50.0 | 279888.0 | 0.57916 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.699961 | 50.0 | 323838.0 | 0.539992 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 11.986908 | 50.0 | 301554.0 | 0.599345 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 30.435079 | 50.0 | 315897.0 | 0.608702 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 104.822292 | 50.0 | 395818.0 | 0.524111 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 281.889441 | 50.0 | 437902.0 | 0.563779 | Y |



## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

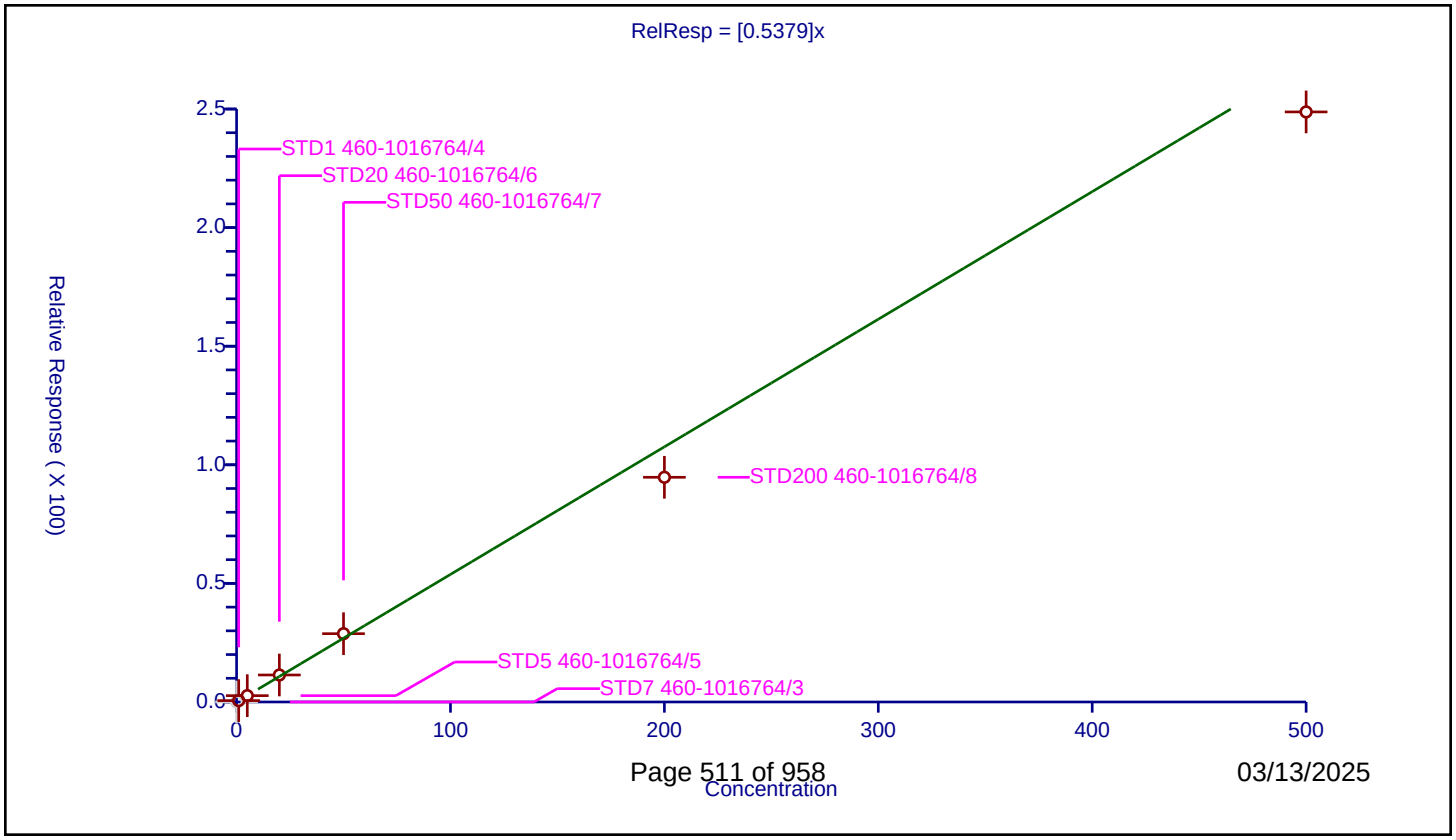
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5379 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.577552 | 50.0 | 279888.0 | 0.577552 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.667074 | 50.0 | 323838.0 | 0.533415 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 11.380549 | 50.0 | 301554.0 | 0.569027 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 28.803851 | 50.0 | 315897.0 | 0.576077 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 94.73508 | 50.0 | 395818.0 | 0.473675 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 248.776667 | 50.0 | 437902.0 | 0.497553 | Y |



## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

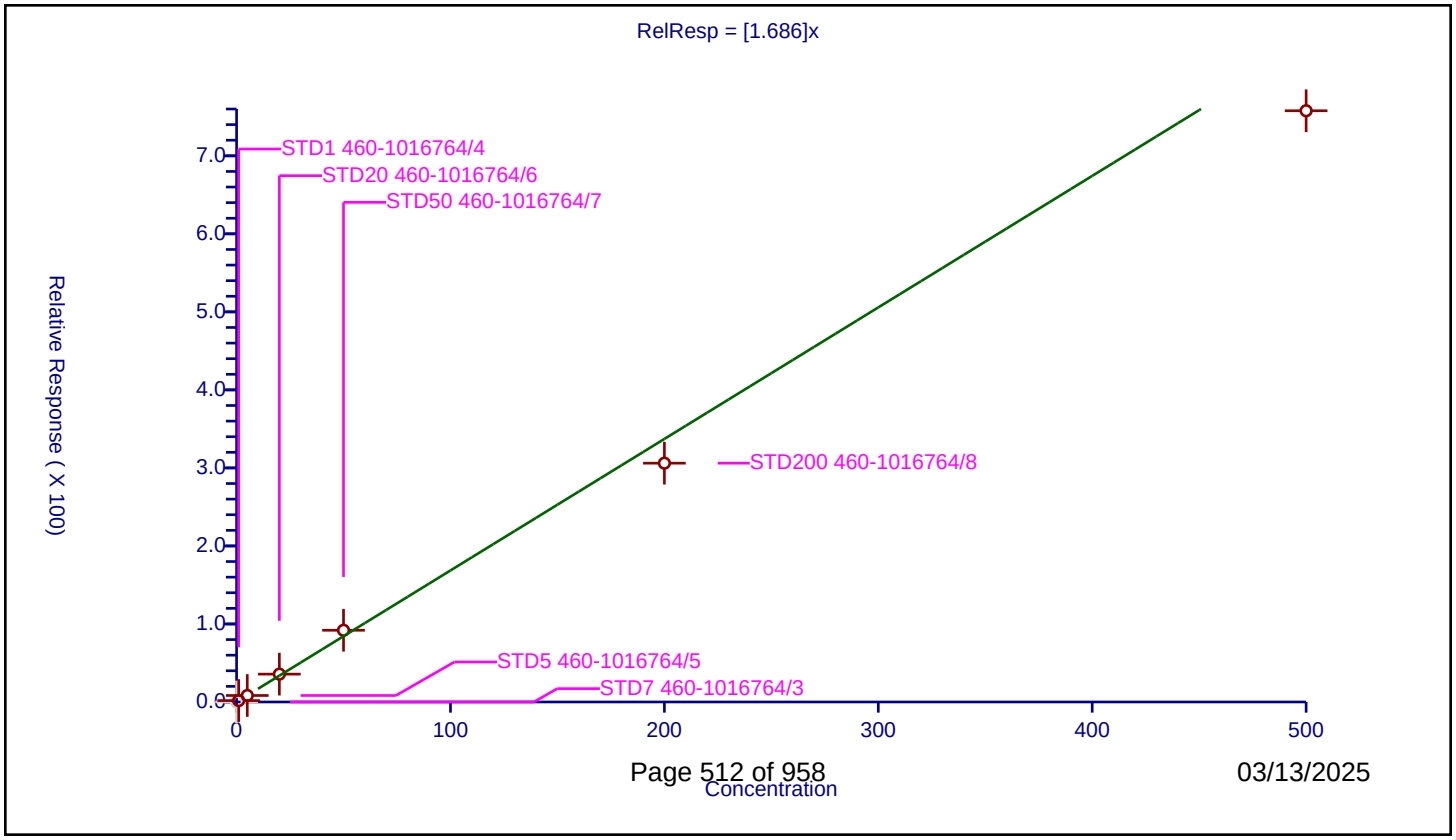
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.686 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.783035 | 50.0 | 279888.0 | 1.783035 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 8.306314 | 50.0 | 323838.0 | 1.661263 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 35.710188 | 50.0 | 301554.0 | 1.785509 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 91.915561 | 50.0 | 315897.0 | 1.838311 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 306.090931 | 50.0 | 395818.0 | 1.530455 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 757.778339 | 50.0 | 437902.0 | 1.515557 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

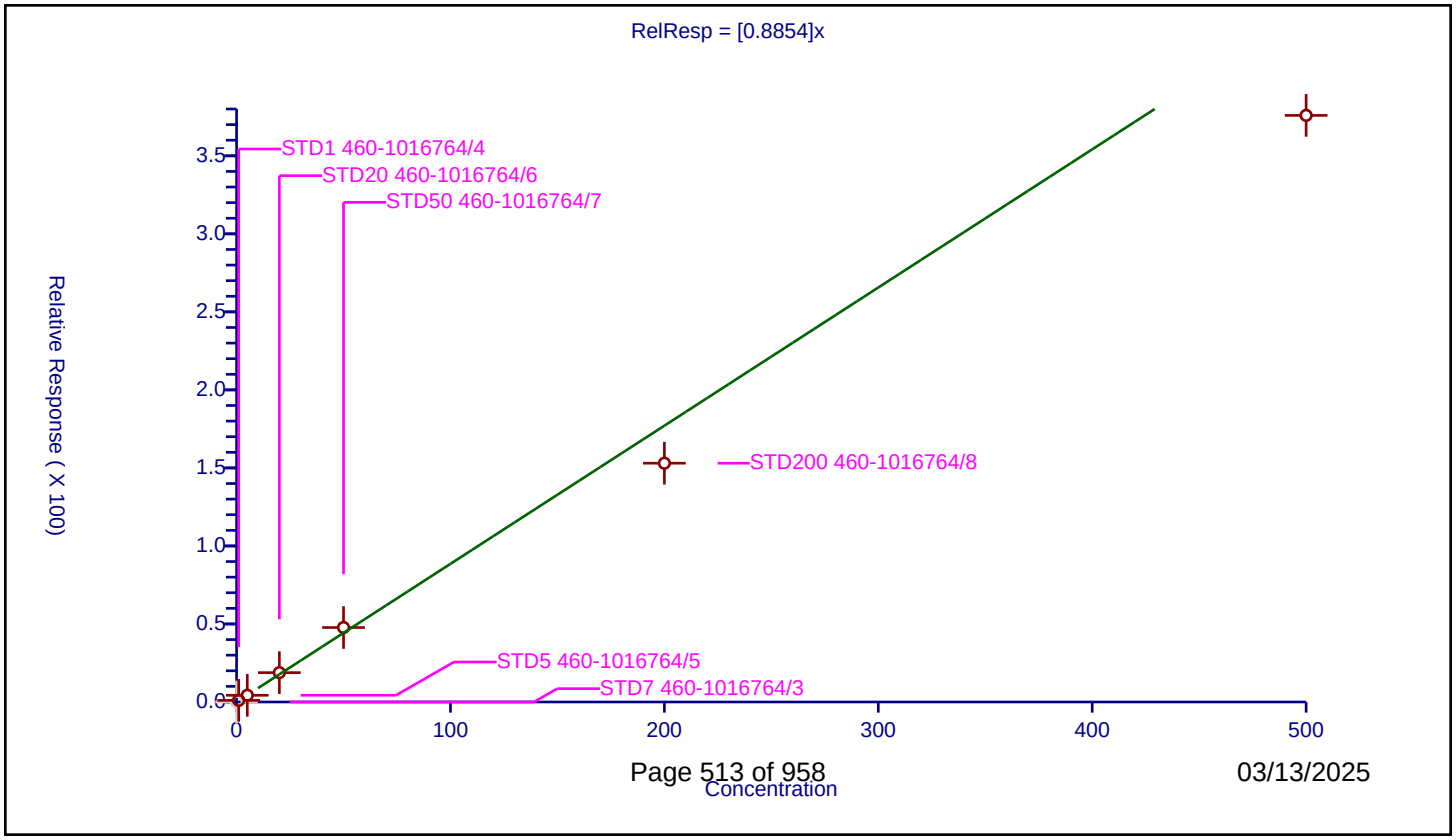
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8854 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.040952 | 50.0 | 279888.0 | 1.040952 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 4.299526 | 50.0 | 323838.0 | 0.859905 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 18.799618 | 50.0 | 301554.0 | 0.939981 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 47.717769 | 50.0 | 315897.0 | 0.954355 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 153.019949 | 50.0 | 395818.0 | 0.7651 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 375.921439 | 50.0 | 437902.0 | 0.751843 | Y |



## Calibration / 1,1,1,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

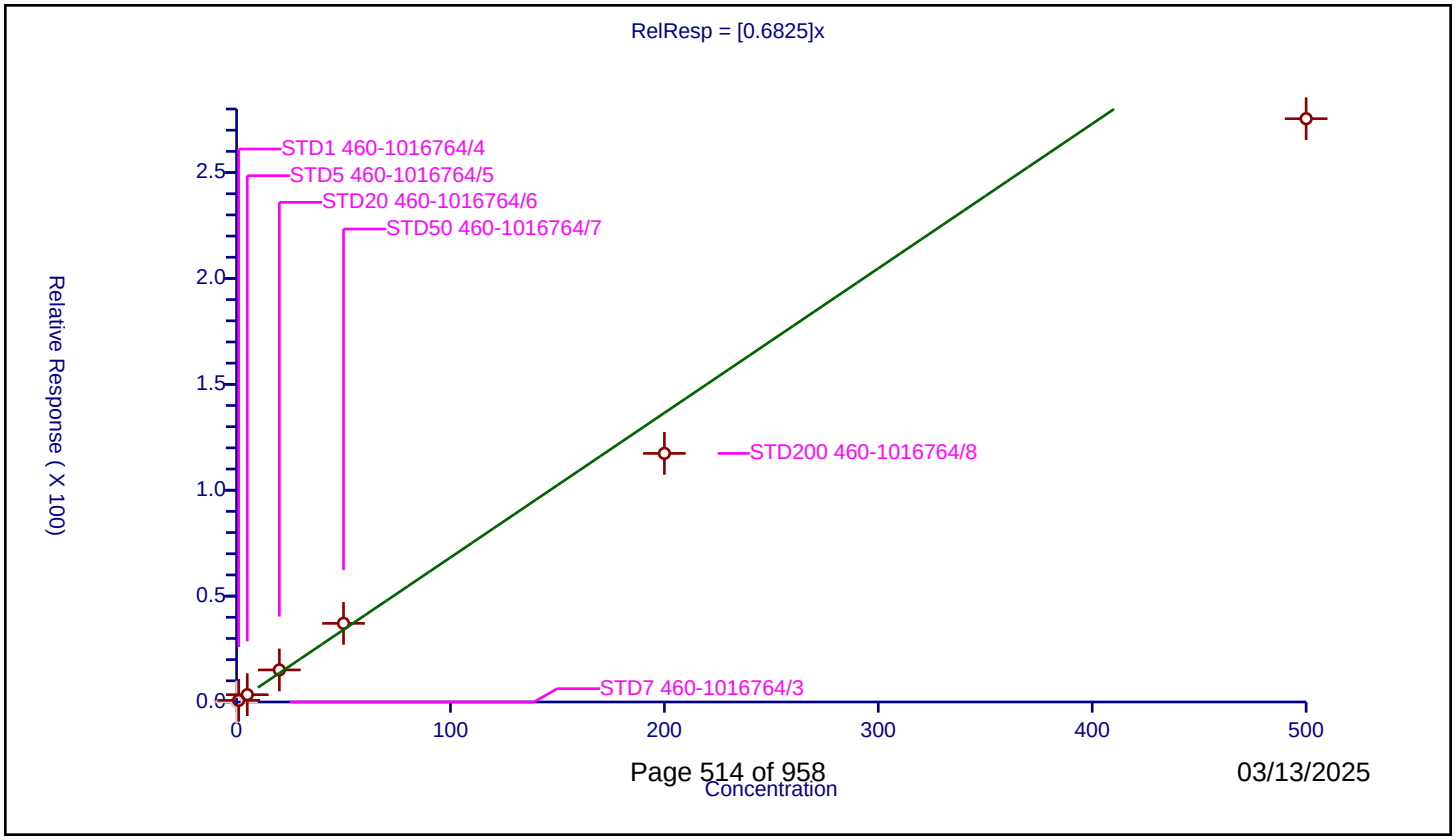
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6825 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.767807 | 50.0 | 279888.0 | 0.767807 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.450182 | 50.0 | 323838.0 | 0.690036 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 15.138251 | 50.0 | 301554.0 | 0.756913 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 37.127766 | 50.0 | 315897.0 | 0.742555 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 117.385895 | 50.0 | 395818.0 | 0.586929 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 275.433659 | 50.0 | 437902.0 | 0.550867 | 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 |

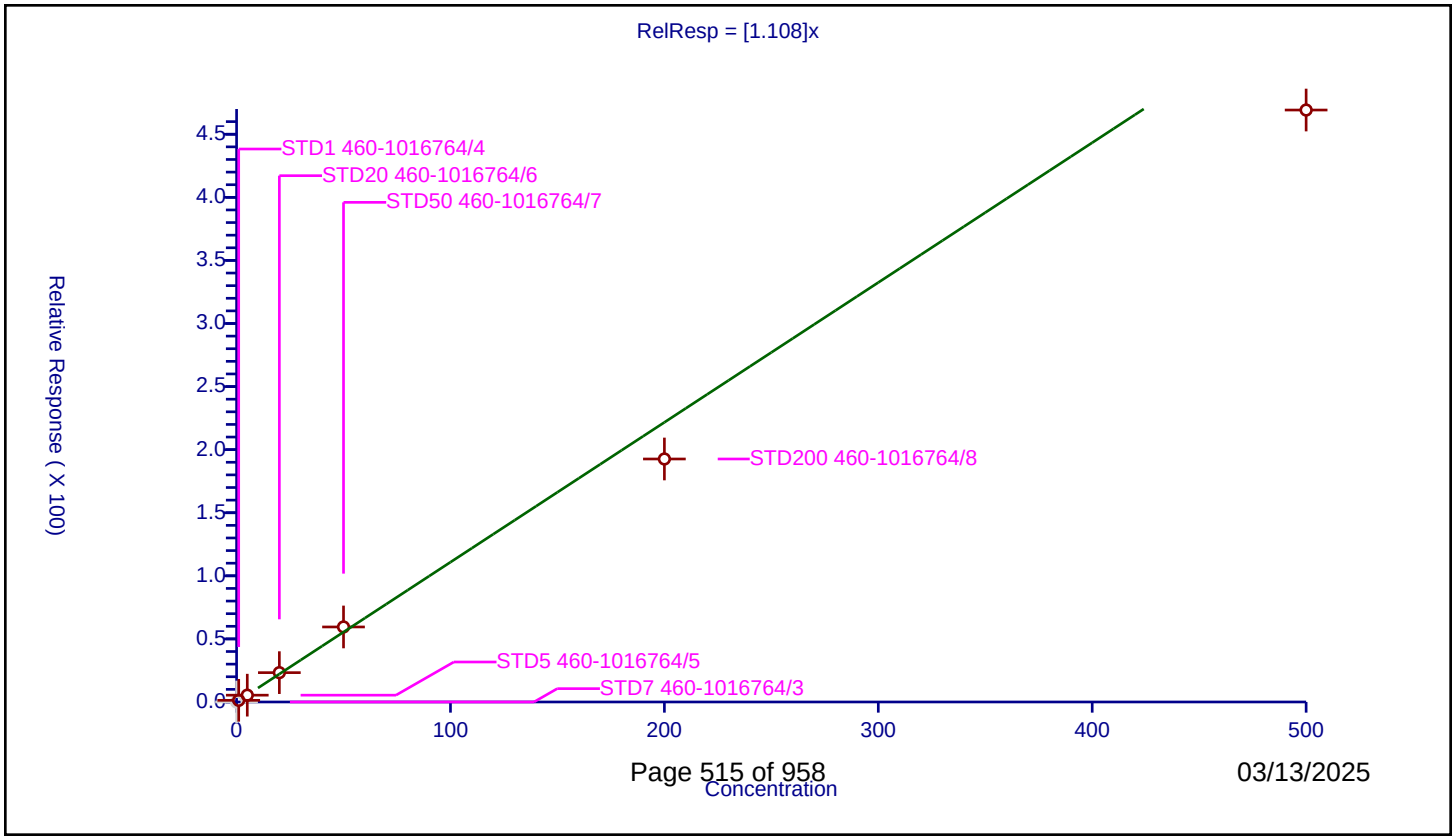
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.108 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.316598 | 50.0 | 279888.0 | 1.316598 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 5.397297 | 50.0 | 323838.0 | 1.079459 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 23.256531 | 50.0 | 301554.0 | 1.162827 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 59.466852 | 50.0 | 315897.0 | 1.189337 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 192.609356 | 50.0 | 395818.0 | 0.963047 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 469.199615 | 50.0 | 437902.0 | 0.938399 | Y |



## Calibration / n-Butyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

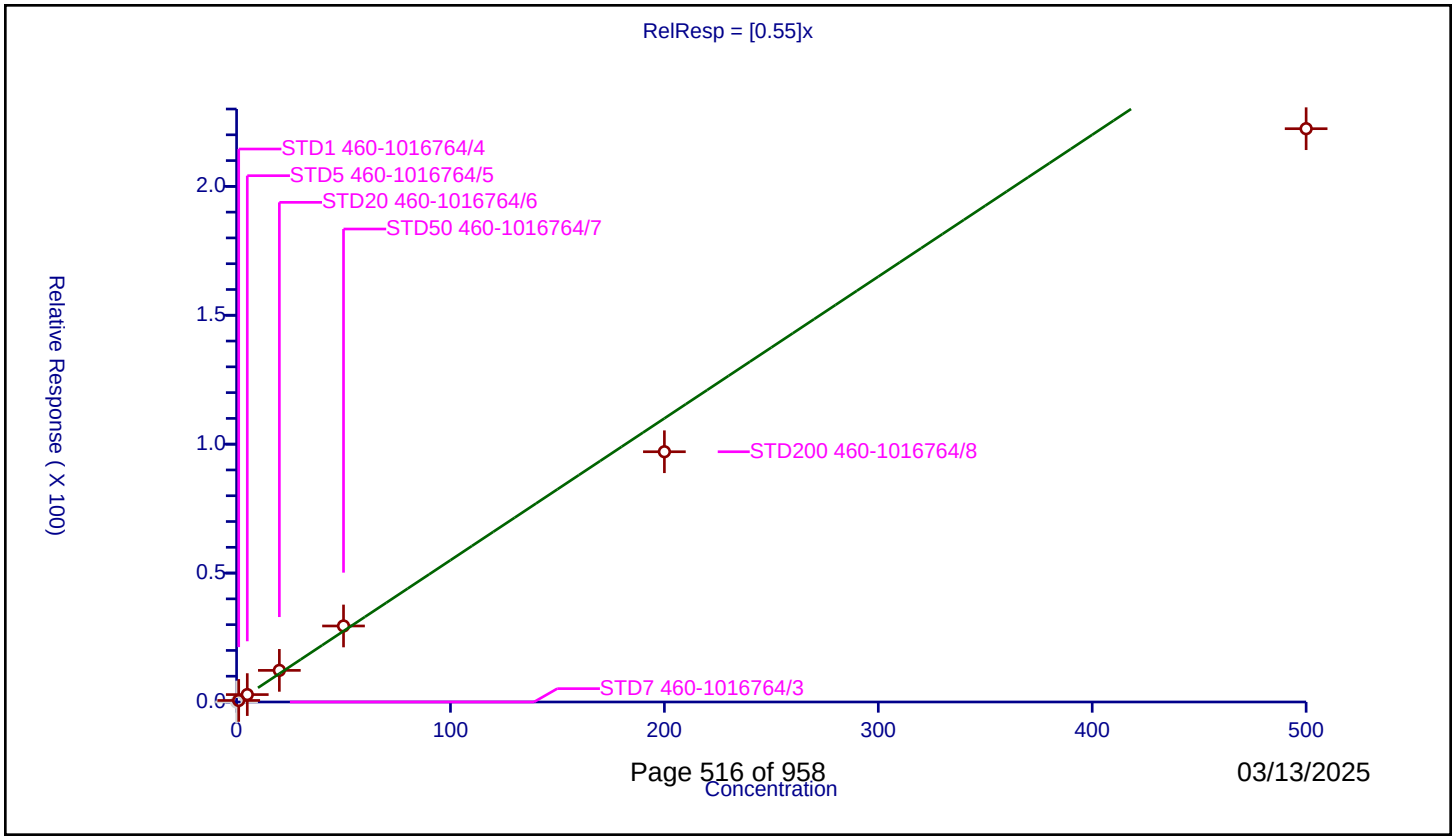
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.55 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.592916 | 50.0 | 279888.0 | 0.592916 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 2.871189 | 50.0 | 323838.0 | 0.574238 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 12.263475 | 50.0 | 301554.0 | 0.613174 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 29.485718 | 50.0 | 315897.0 | 0.589714 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 97.070244 | 50.0 | 395818.0 | 0.485351 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 222.365849 | 50.0 | 437902.0 | 0.444732 | Y |



## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

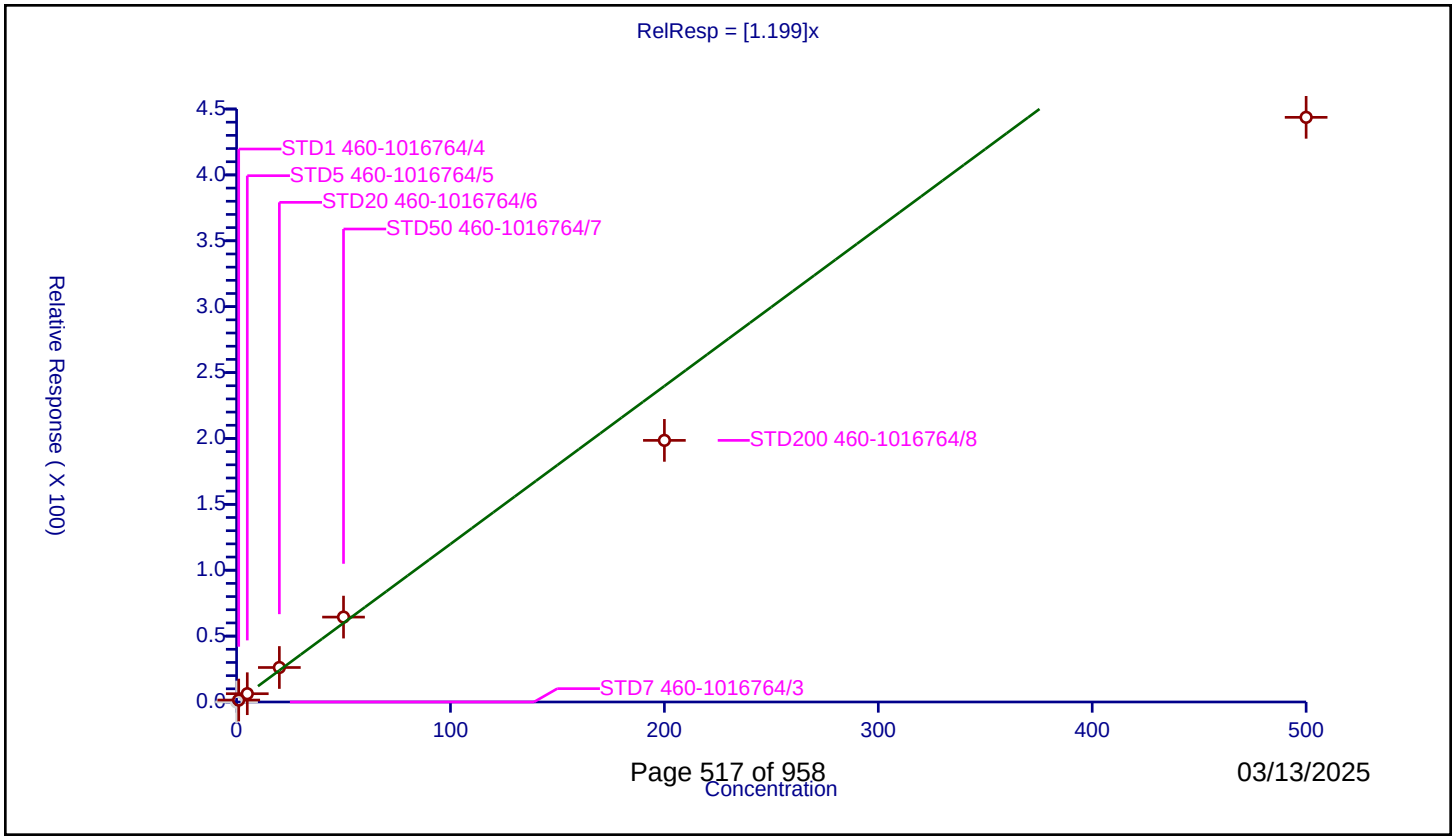
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.199 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.460584 | 50.0 | 279888.0 | 1.460584 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 6.27536 | 50.0 | 323838.0 | 1.255072 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 26.172924 | 50.0 | 301554.0 | 1.308646 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 64.432711 | 50.0 | 315897.0 | 1.288654 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 198.53089 | 50.0 | 395818.0 | 0.992654 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 443.692082 | 50.0 | 437902.0 | 0.887384 | Y |



## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

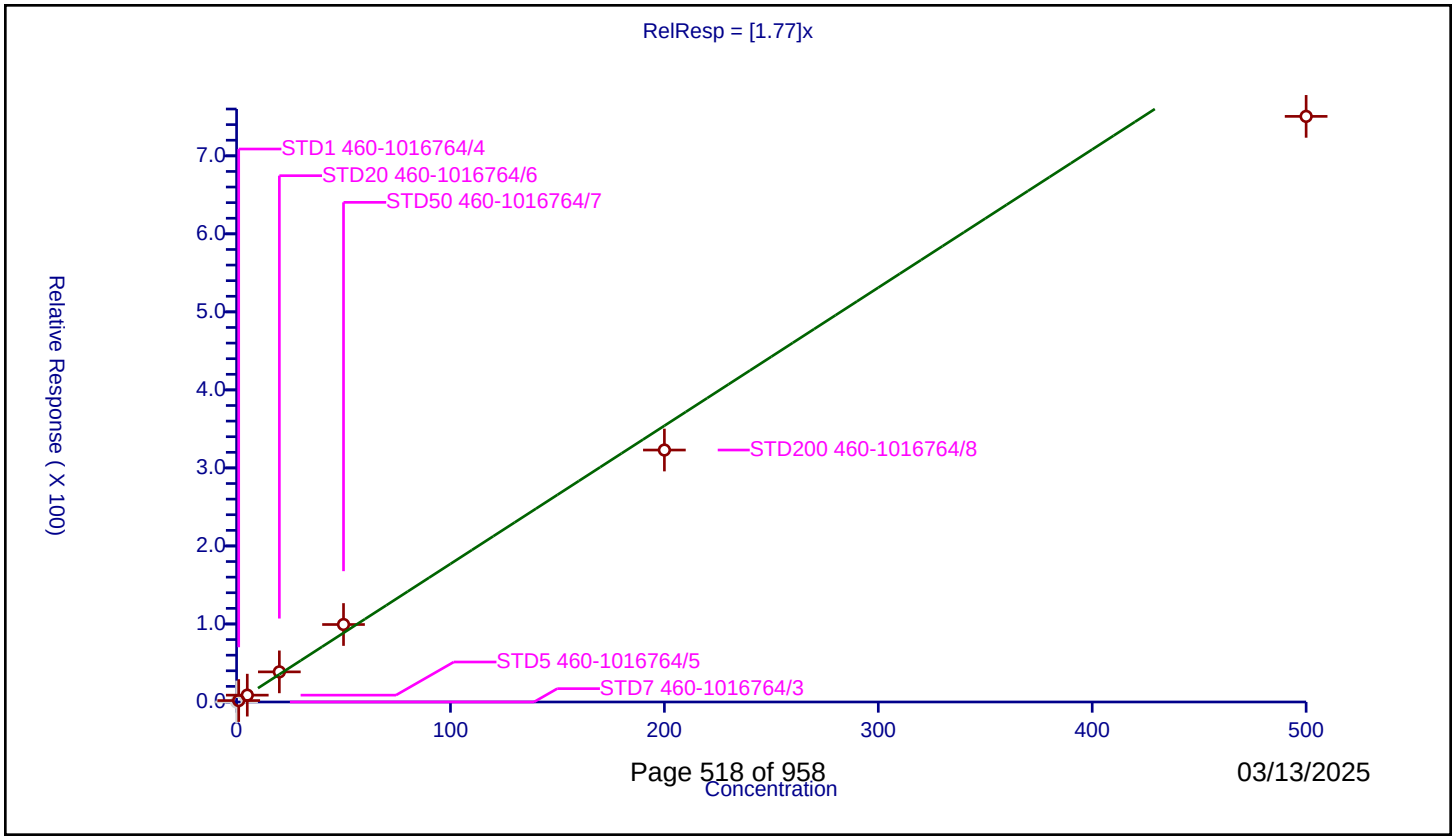
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.77 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.837699 | 50.0 | 279888.0 | 1.837699 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 8.761943 | 50.0 | 323838.0 | 1.752389 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 38.610995 | 50.0 | 301554.0 | 1.93055 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 99.305153 | 50.0 | 315897.0 | 1.986103 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 322.923288 | 50.0 | 395818.0 | 1.614616 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 750.578326 | 50.0 | 437902.0 | 1.501157 | 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 |

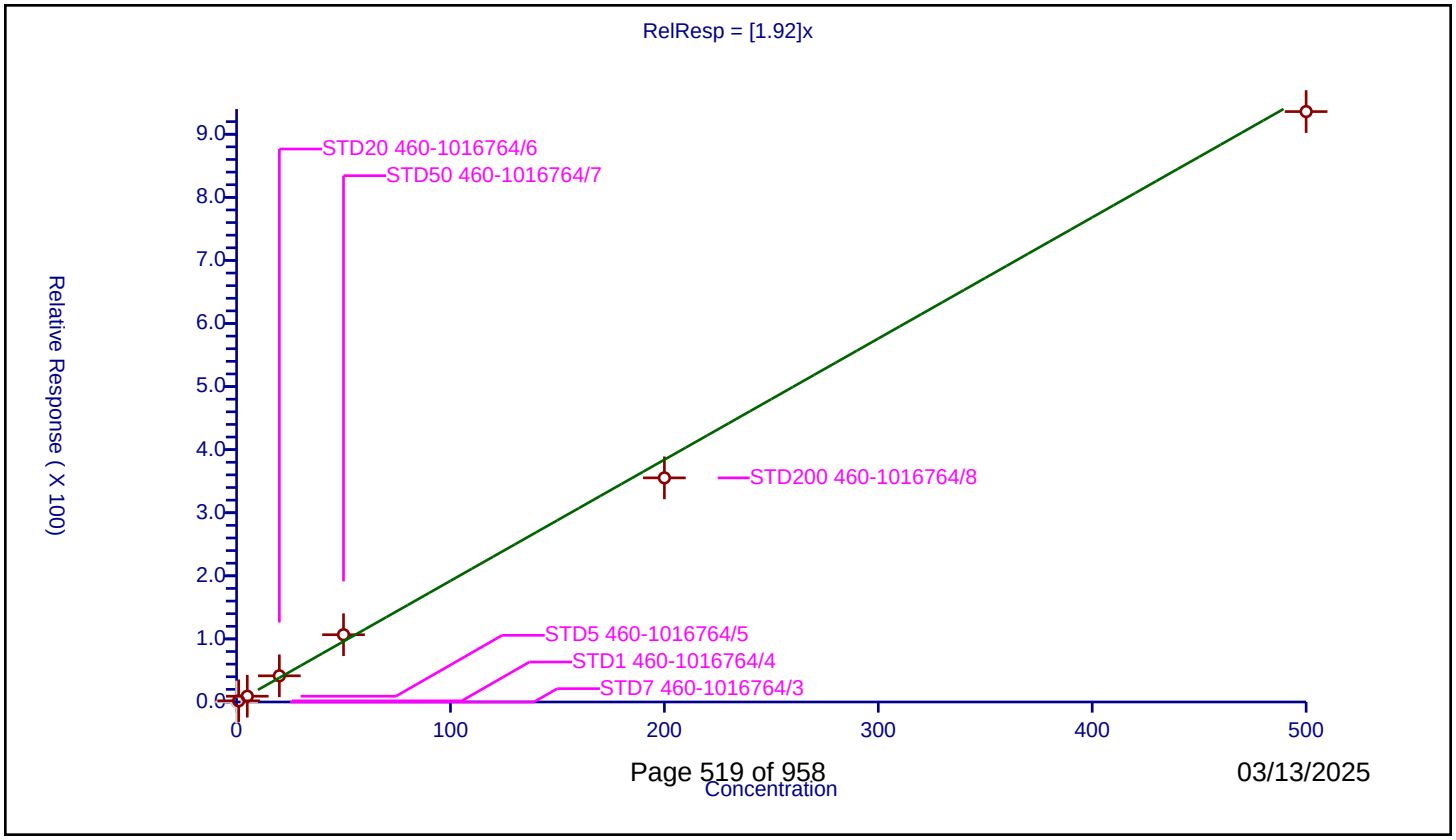
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.92 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.835768 | 50.0 | 206562.0 | 1.835768 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 9.157323 | 50.0 | 231880.0 | 1.831465 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 41.500637 | 50.0 | 205786.0 | 2.075032 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 106.613271 | 50.0 | 198268.0 | 2.132265 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 355.280457 | 50.0 | 235936.0 | 1.776402 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 935.930359 | 50.0 | 215734.0 | 1.871861 | Y |



## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

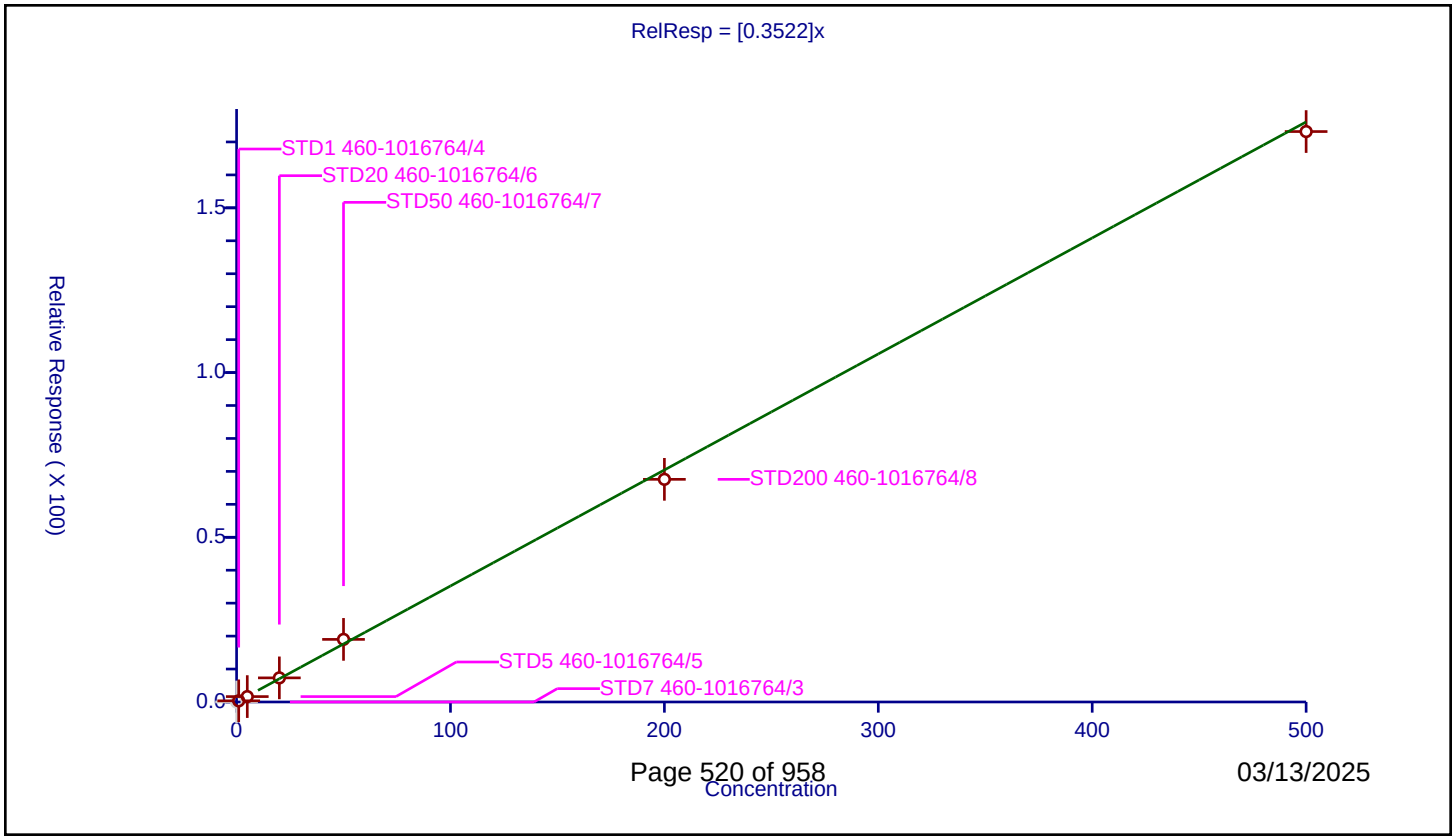
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3522 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.355321 | 50.0 | 279888.0 | 0.355321 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.637238 | 50.0 | 323838.0 | 0.327448 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 7.319087 | 50.0 | 301554.0 | 0.365954 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 19.000814 | 50.0 | 315897.0 | 0.380016 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 67.58586 | 50.0 | 395818.0 | 0.337929 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 173.157579 | 50.0 | 437902.0 | 0.346315 | Y |



## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

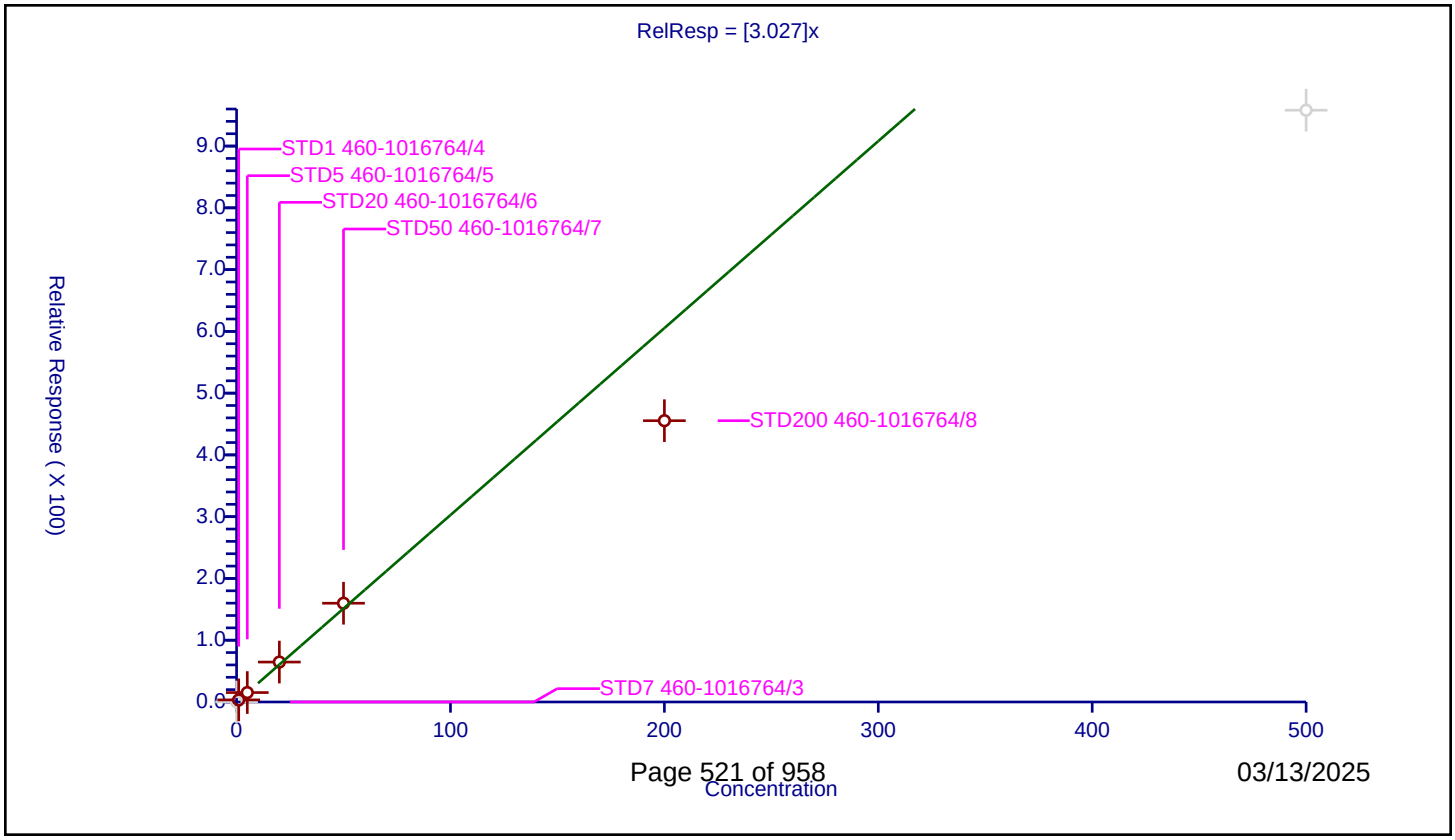
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.027 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 324555.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 3.371349 | 50.0 | 279888.0 | 3.371349 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 15.269981 | 50.0 | 323838.0 | 3.053996 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 64.659729 | 50.0 | 301554.0 | 3.232986 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 159.90576 | 50.0 | 315897.0 | 3.198115 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 455.388967 | 50.0 | 395818.0 | 2.276945 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 958.05968 | 50.0 | 437902.0 | 1.916119 | N |



## Calibration / 4-Bromofluorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

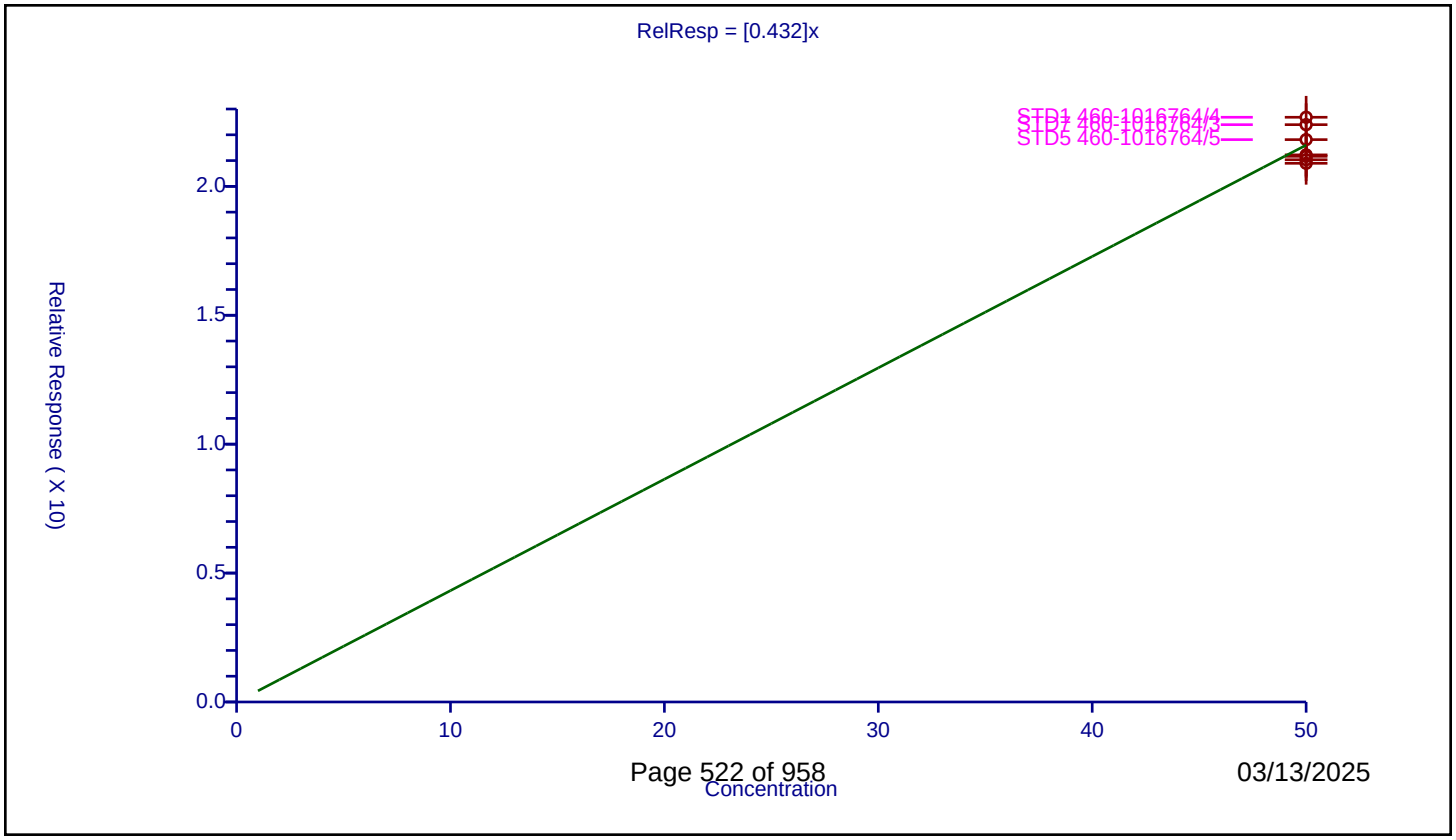
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.432 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 50.0 | 22.392661 | 50.0 | 324555.0 | 0.447853 | Y |
| 2 | STD1 460-1016764/4 | 50.0 | 22.680143 | 50.0 | 279888.0 | 0.453603 | Y |
| 3 | STD5 460-1016764/5 | 50.0 | 21.813067 | 50.0 | 323838.0 | 0.436261 | Y |
| 4 | STD20 460-1016764/6 | 50.0 | 21.032386 | 50.0 | 301554.0 | 0.420648 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 21.220683 | 50.0 | 315897.0 | 0.424414 | Y |
| 6 | STD200 460-1016764/8 | 50.0 | 21.165409 | 50.0 | 395818.0 | 0.423308 | Y |
| 7 | STD500 460-1016764/9 | 50.0 | 20.893602 | 50.0 | 437902.0 | 0.417872 | Y |



## Calibration / Bromobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

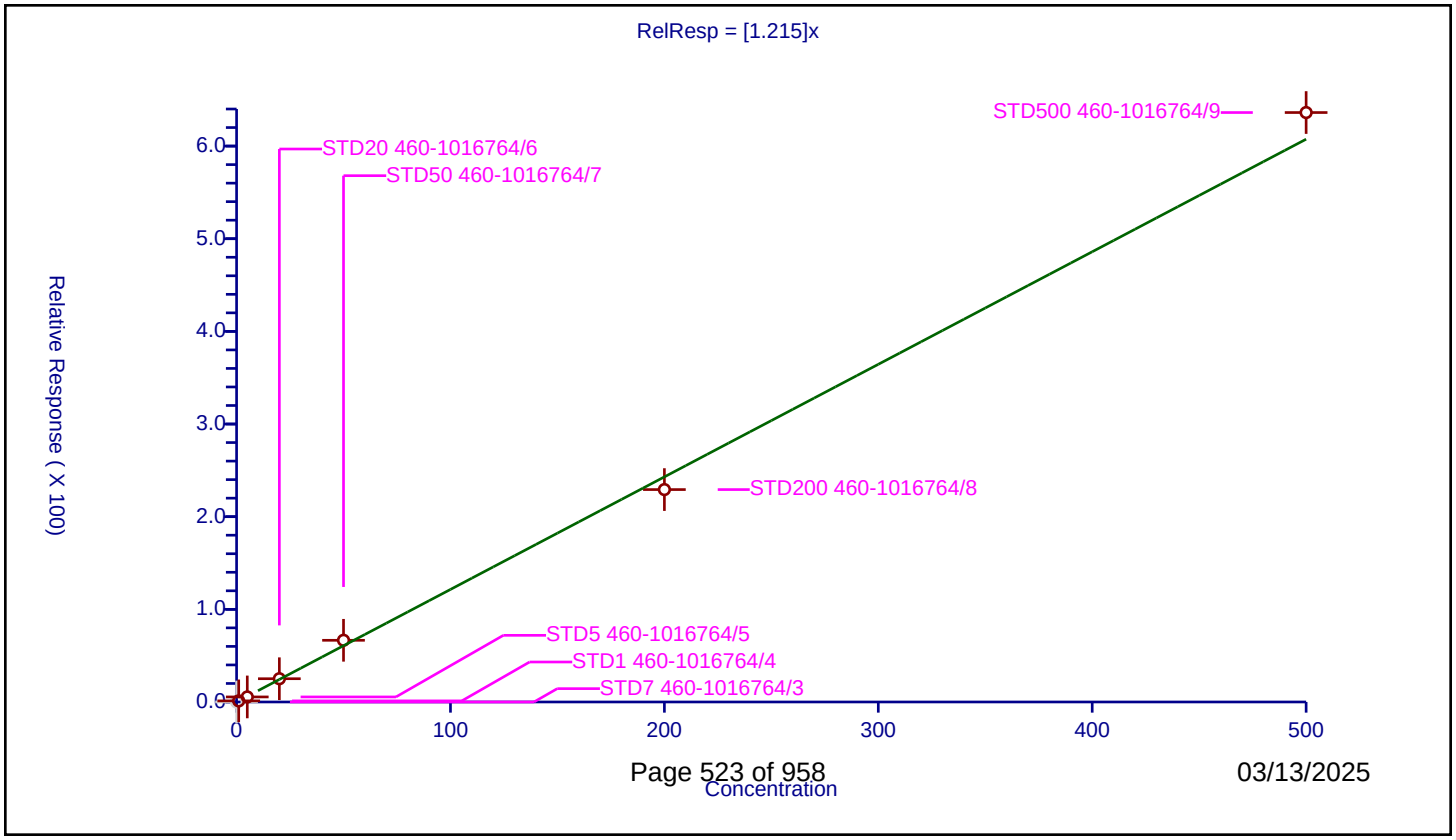
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.215 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.193588 | 50.0 | 206562.0 | 1.193588 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 5.449586 | 50.0 | 231880.0 | 1.089917 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 25.102048 | 50.0 | 205786.0 | 1.255102 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 66.591684 | 50.0 | 198268.0 | 1.331834 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 229.257511 | 50.0 | 235936.0 | 1.146288 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 636.19156 | 50.0 | 215734.0 | 1.272383 | Y |



## Calibration / 1,1,2,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

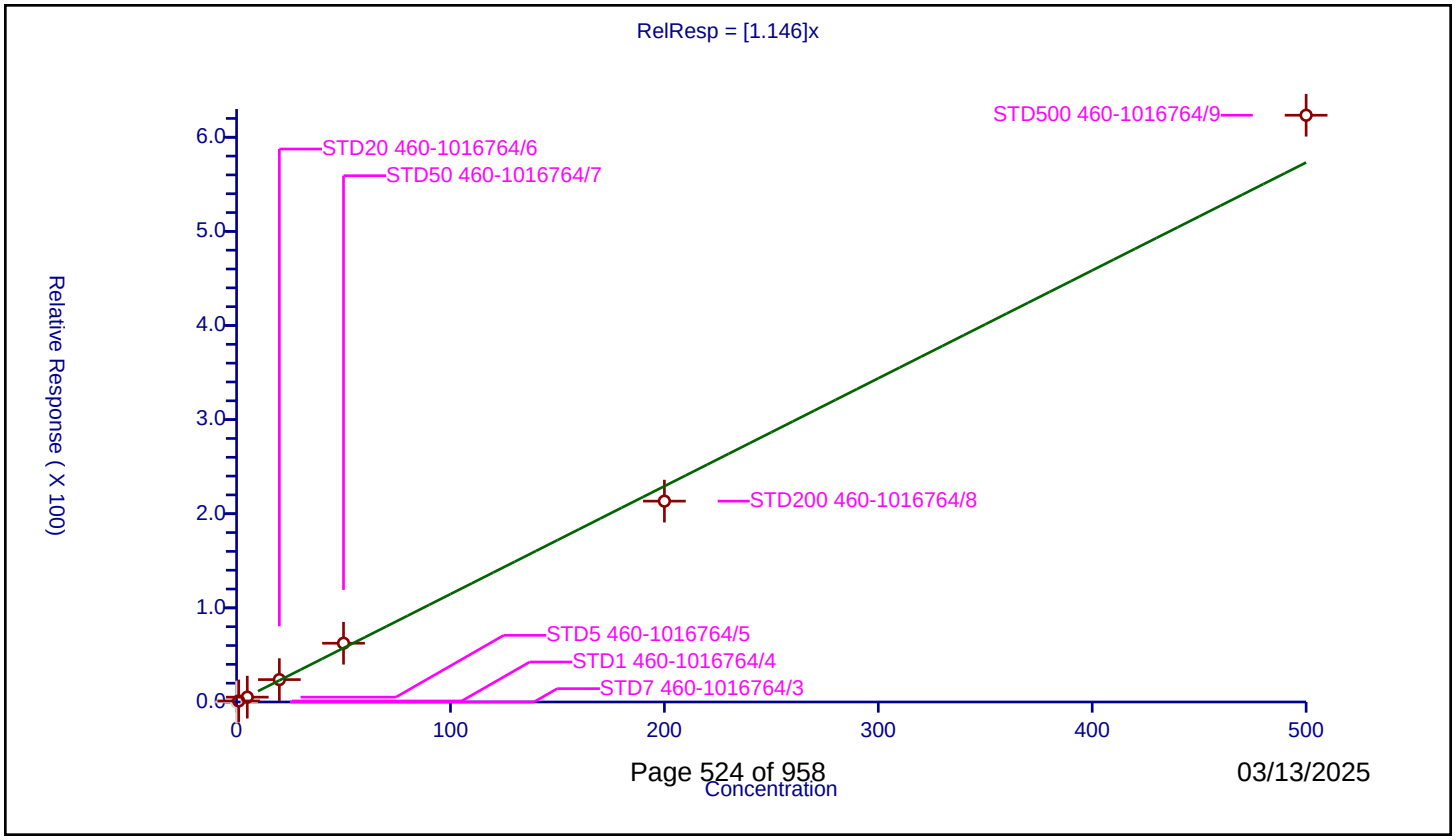
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.146 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.094829 | 50.0 | 206562.0 | 1.094829 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 5.155253 | 50.0 | 231880.0 | 1.031051 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 23.791949 | 50.0 | 205786.0 | 1.189597 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 62.435945 | 50.0 | 198268.0 | 1.248719 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 213.401516 | 50.0 | 235936.0 | 1.067008 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 623.406834 | 50.0 | 215734.0 | 1.246814 | Y |



## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

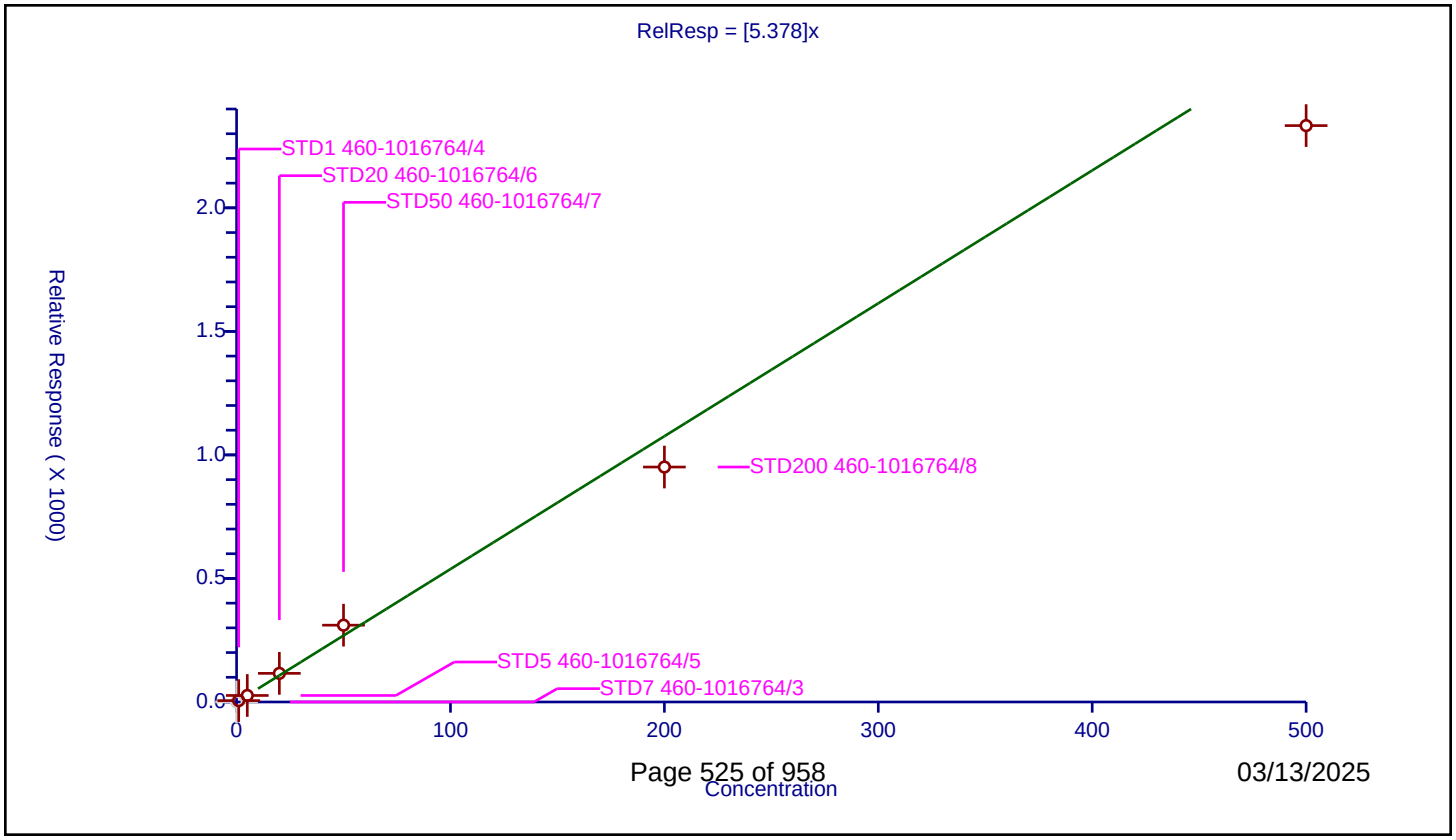
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.378 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 5.571451 | 50.0 | 206562.0 | 5.571451 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 26.350052 | 50.0 | 231880.0 | 5.27001 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 115.837326 | 50.0 | 205786.0 | 5.791866 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 310.857526 | 50.0 | 198268.0 | 6.217151 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 950.937119 | 50.0 | 235936.0 | 4.754686 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 2332.813557 | 50.0 | 215734.0 | 4.665627 | 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 |

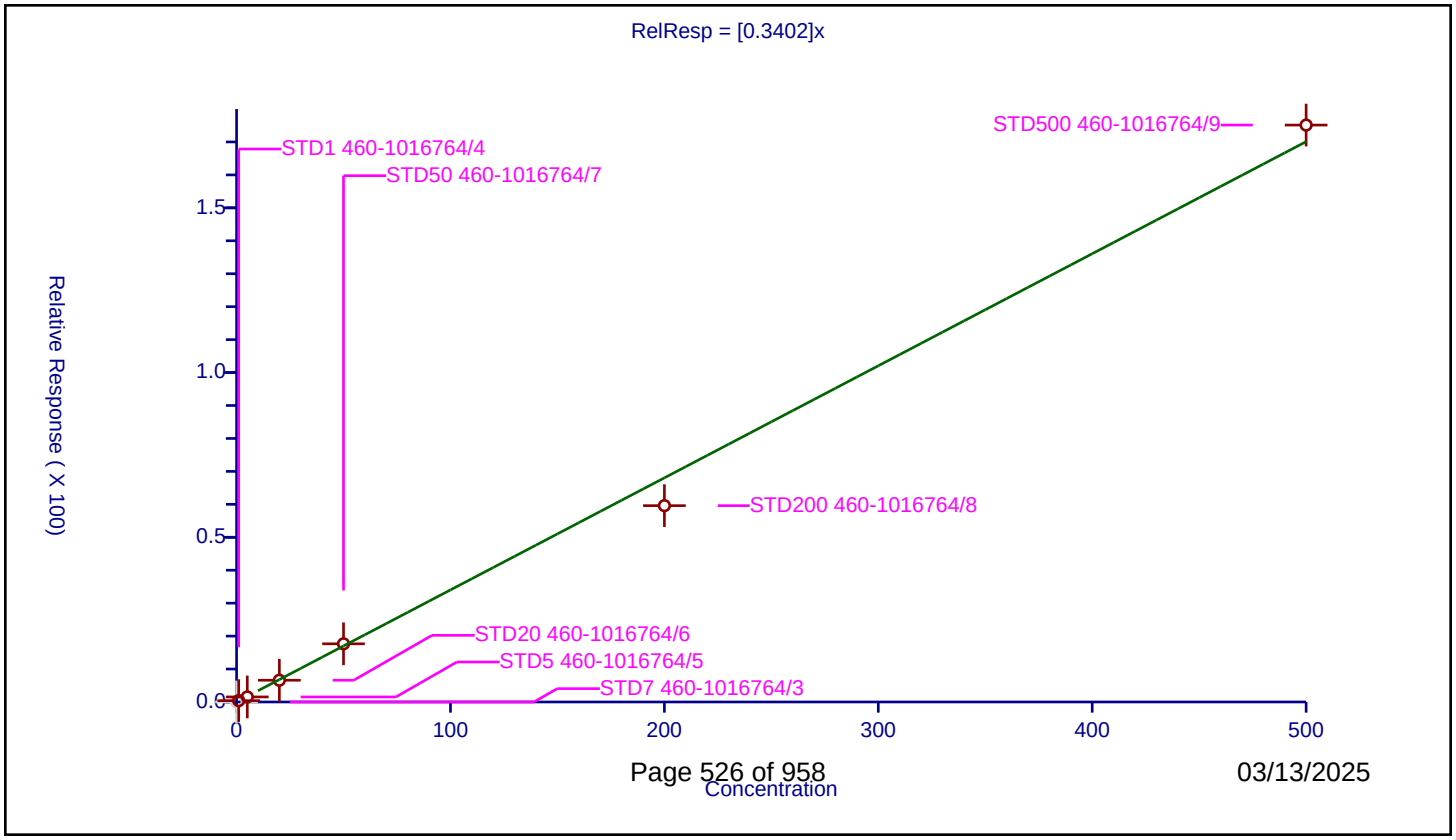
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3402 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.403027 | 50.0 | 206562.0 | 0.403027 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.532905 | 50.0 | 231880.0 | 0.306581 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 6.600303 | 50.0 | 205786.0 | 0.330015 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 17.660187 | 50.0 | 198268.0 | 0.353204 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 59.601121 | 50.0 | 235936.0 | 0.298006 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 175.124459 | 50.0 | 215734.0 | 0.350249 | 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 |

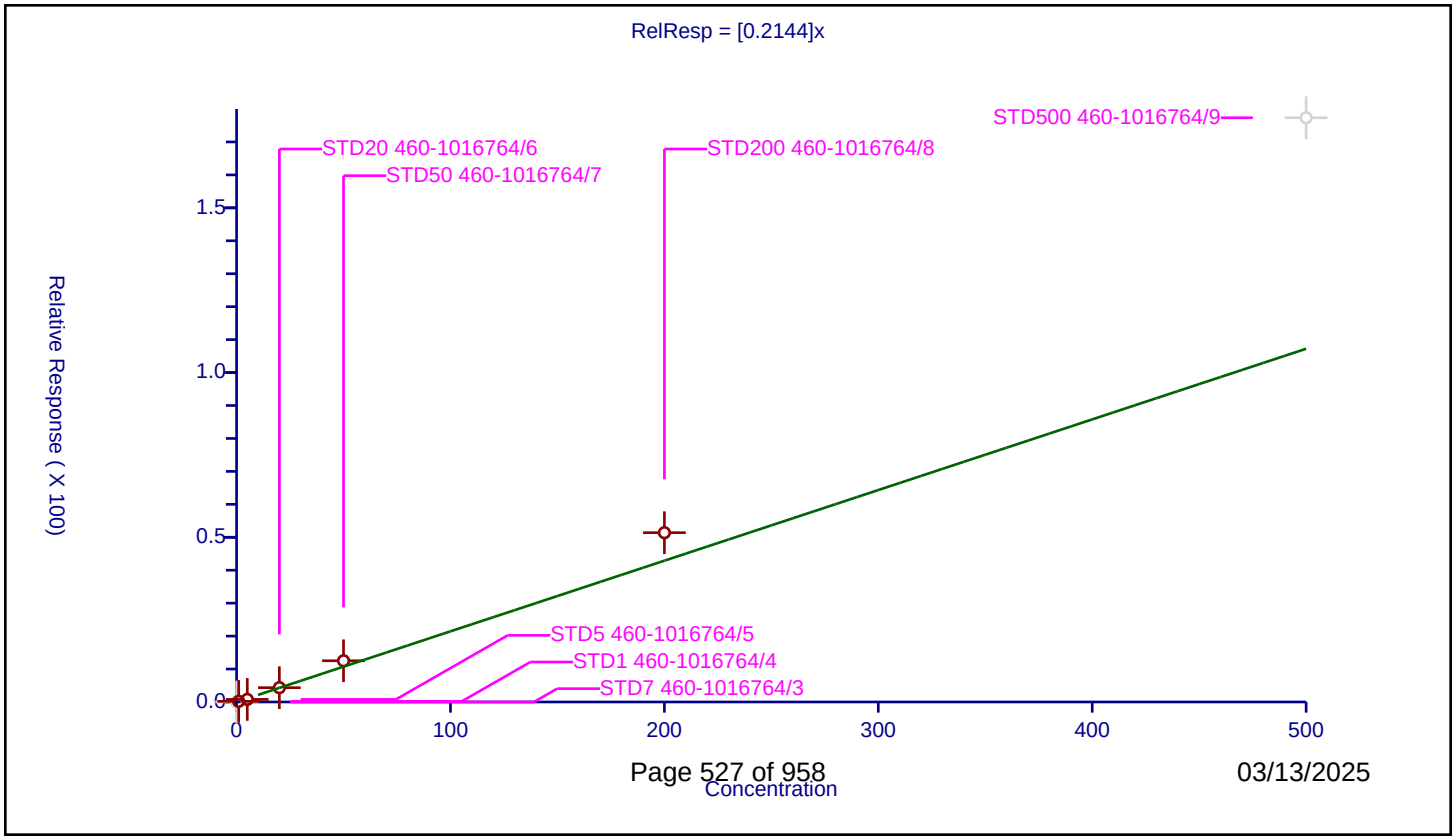
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2144 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.191226 | 50.0 | 206562.0 | 0.191226 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 0.783379 | 50.0 | 231880.0 | 0.156676 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 4.343347 | 50.0 | 205786.0 | 0.217167 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 12.508826 | 50.0 | 198268.0 | 0.250177 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 51.391691 | 50.0 | 235936.0 | 0.256958 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 177.346872 | 50.0 | 215734.0 | 0.354694 | N |



## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

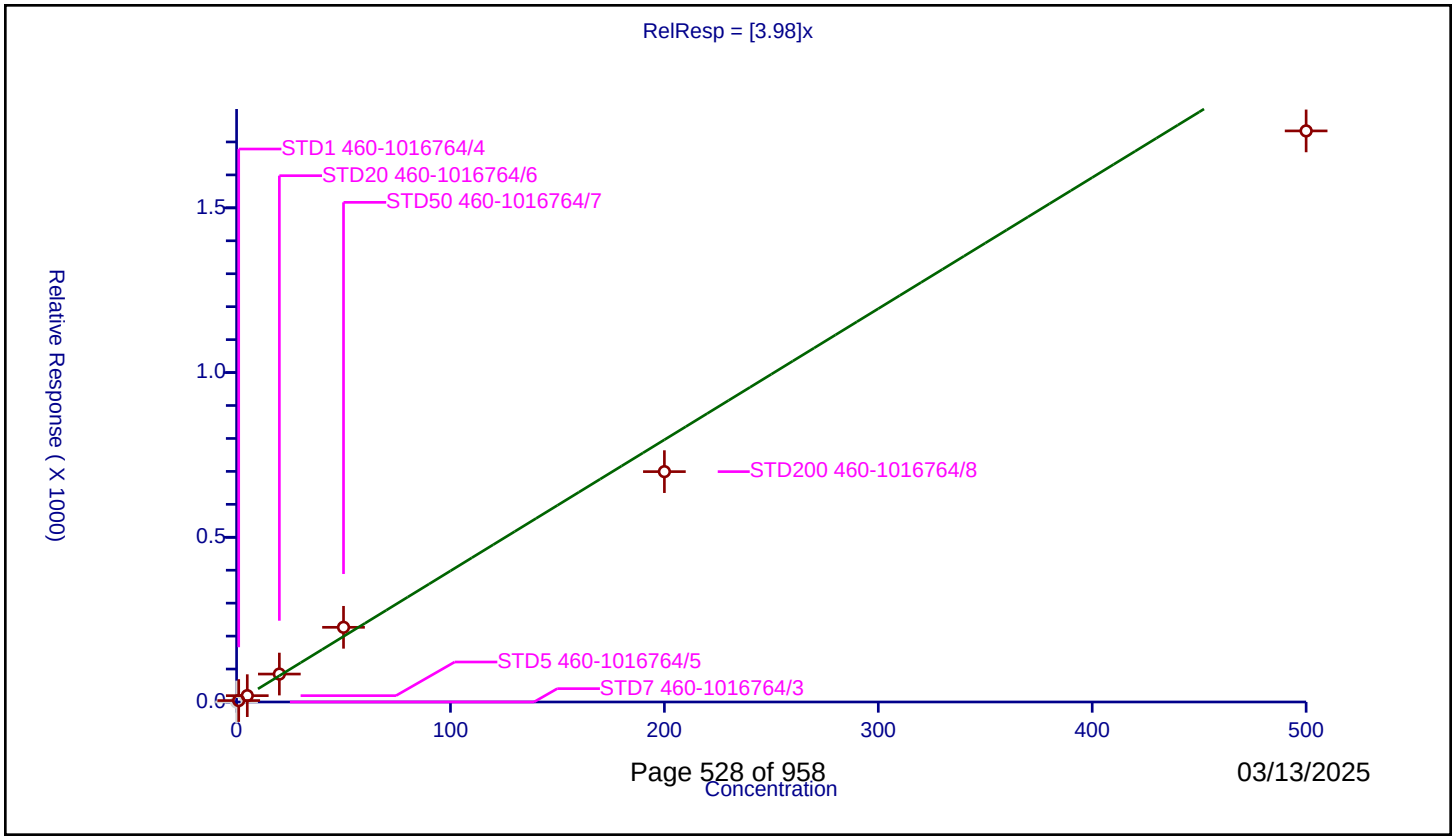
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.98 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 4.296773 | 50.0 | 206562.0 | 4.296773 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 19.232793 | 50.0 | 231880.0 | 3.846559 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 84.784436 | 50.0 | 205786.0 | 4.239222 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 226.678032 | 50.0 | 198268.0 | 4.533561 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 699.23369 | 50.0 | 235936.0 | 3.496168 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1733.576766 | 50.0 | 215734.0 | 3.467154 | Y |



## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

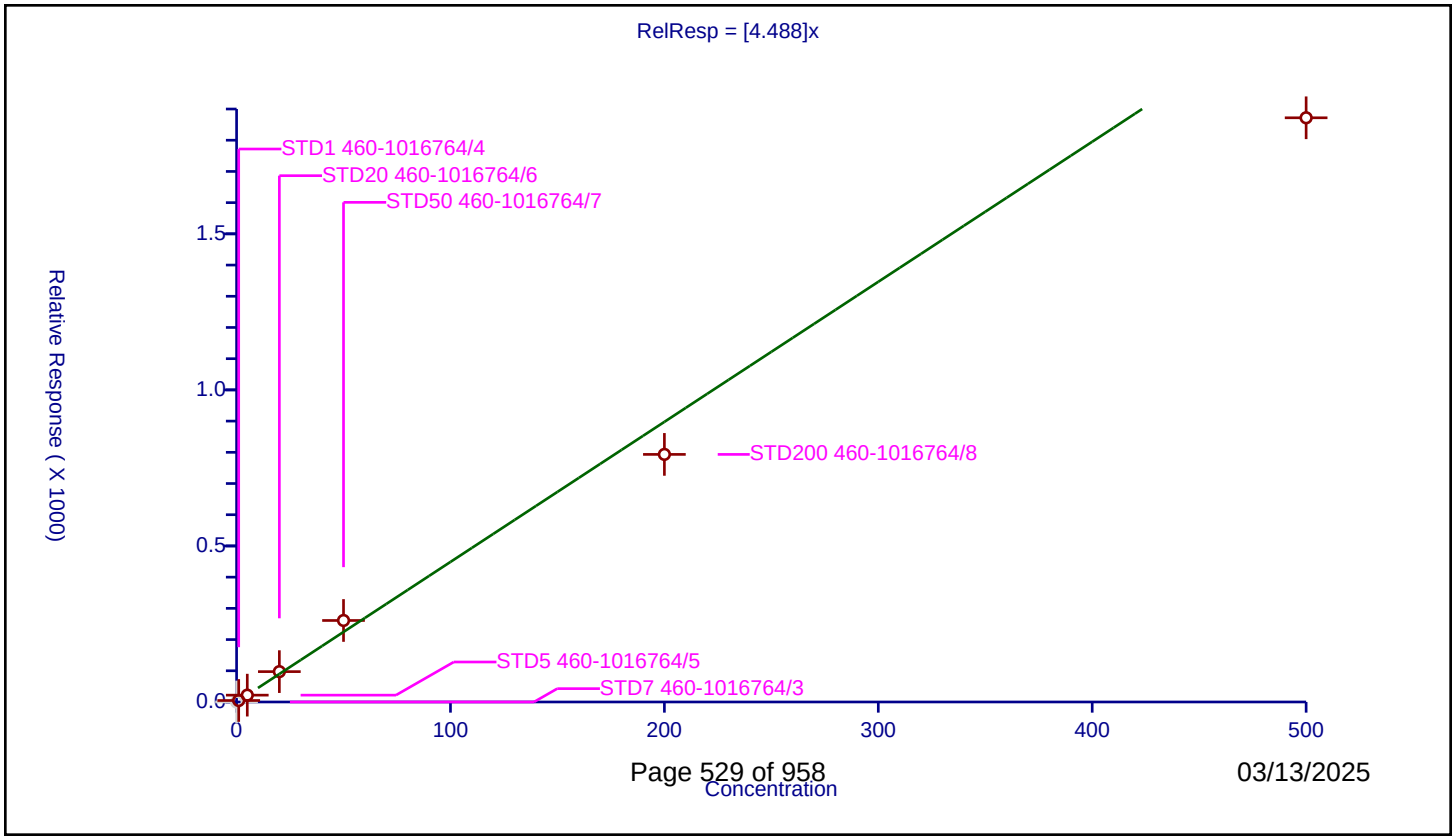
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.488 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 4.752084 | 50.0 | 206562.0 | 4.752084 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 21.885242 | 50.0 | 231880.0 | 4.377048 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 97.304238 | 50.0 | 205786.0 | 4.865212 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 261.141485 | 50.0 | 198268.0 | 5.22283 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 793.331878 | 50.0 | 235936.0 | 3.966659 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1871.910315 | 50.0 | 215734.0 | 3.743821 | 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 |

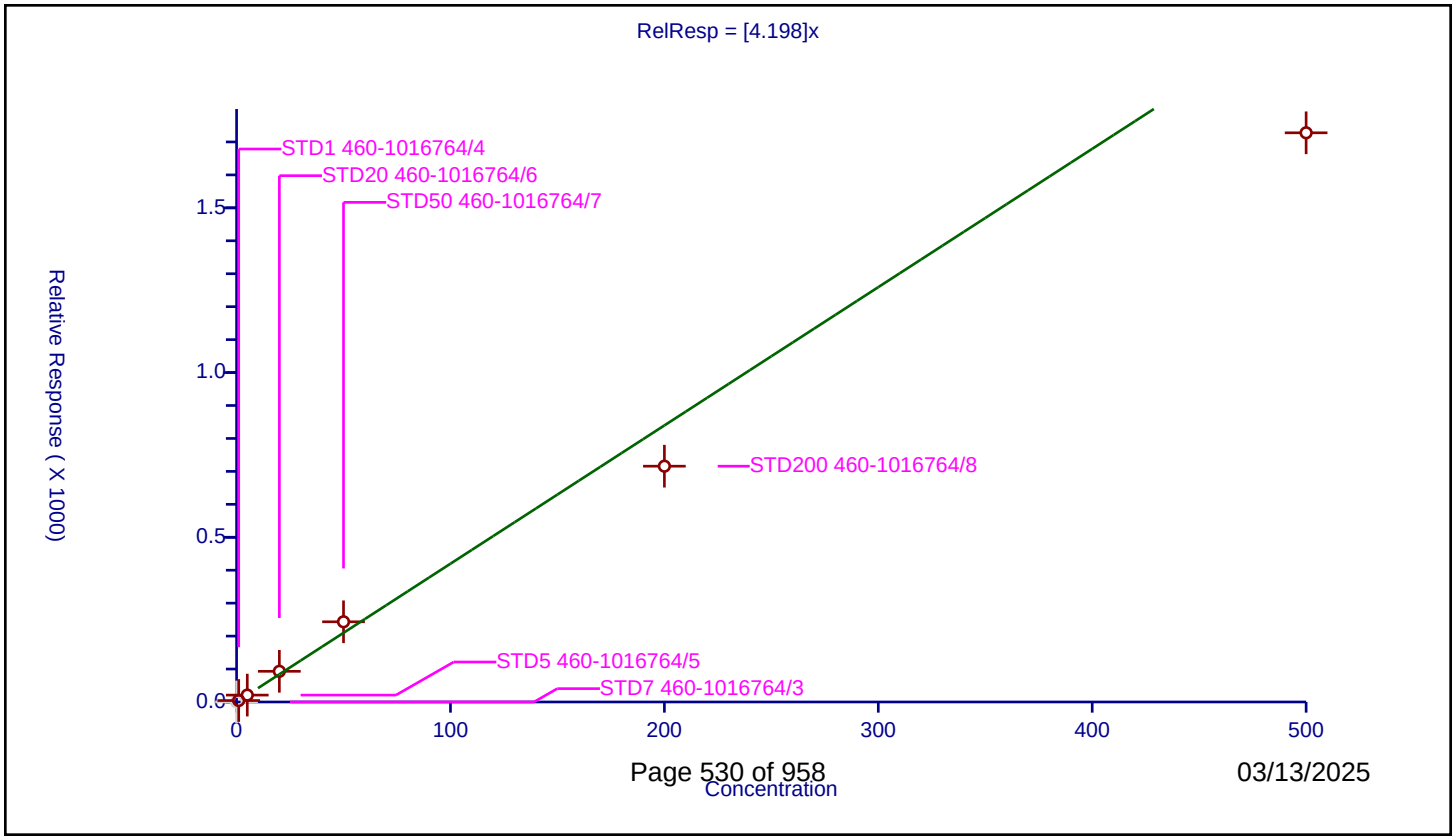
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.198 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 4.449027 | 50.0 | 206562.0 | 4.449027 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 20.890547 | 50.0 | 231880.0 | 4.178109 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 93.112019 | 50.0 | 205786.0 | 4.655601 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 243.431618 | 50.0 | 198268.0 | 4.868632 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 715.811279 | 50.0 | 235936.0 | 3.579056 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1727.810405 | 50.0 | 215734.0 | 3.455621 | Y |



## Calibration / 4-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

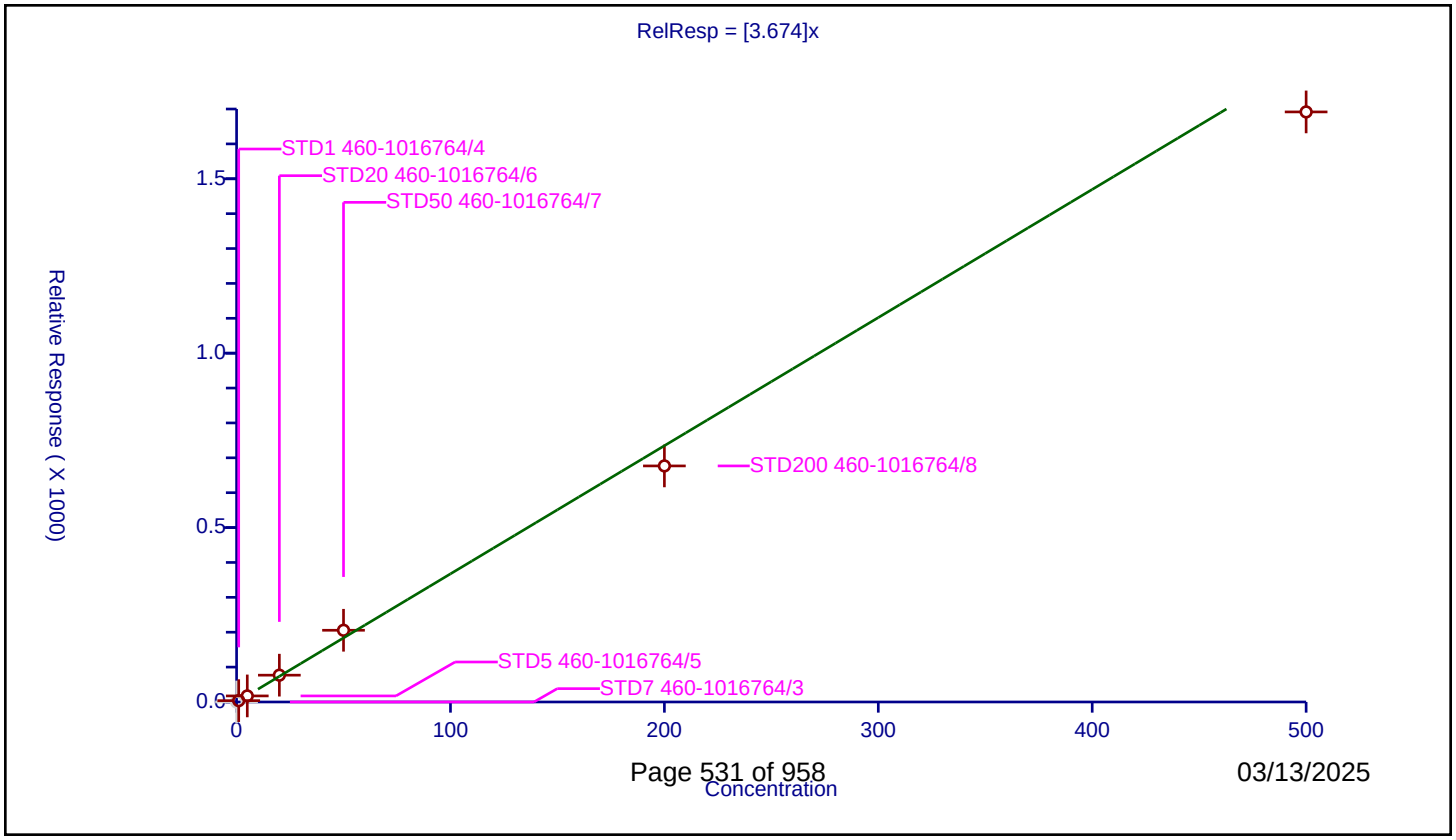
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.674 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 3.835652 | 50.0 | 206562.0 | 3.835652 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 17.415689 | 50.0 | 231880.0 | 3.483138 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 76.87452 | 50.0 | 205786.0 | 3.843726 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 205.608066 | 50.0 | 198268.0 | 4.112161 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 676.748779 | 50.0 | 235936.0 | 3.383744 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1691.642486 | 50.0 | 215734.0 | 3.383285 | Y |



## Calibration / Butyl Methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

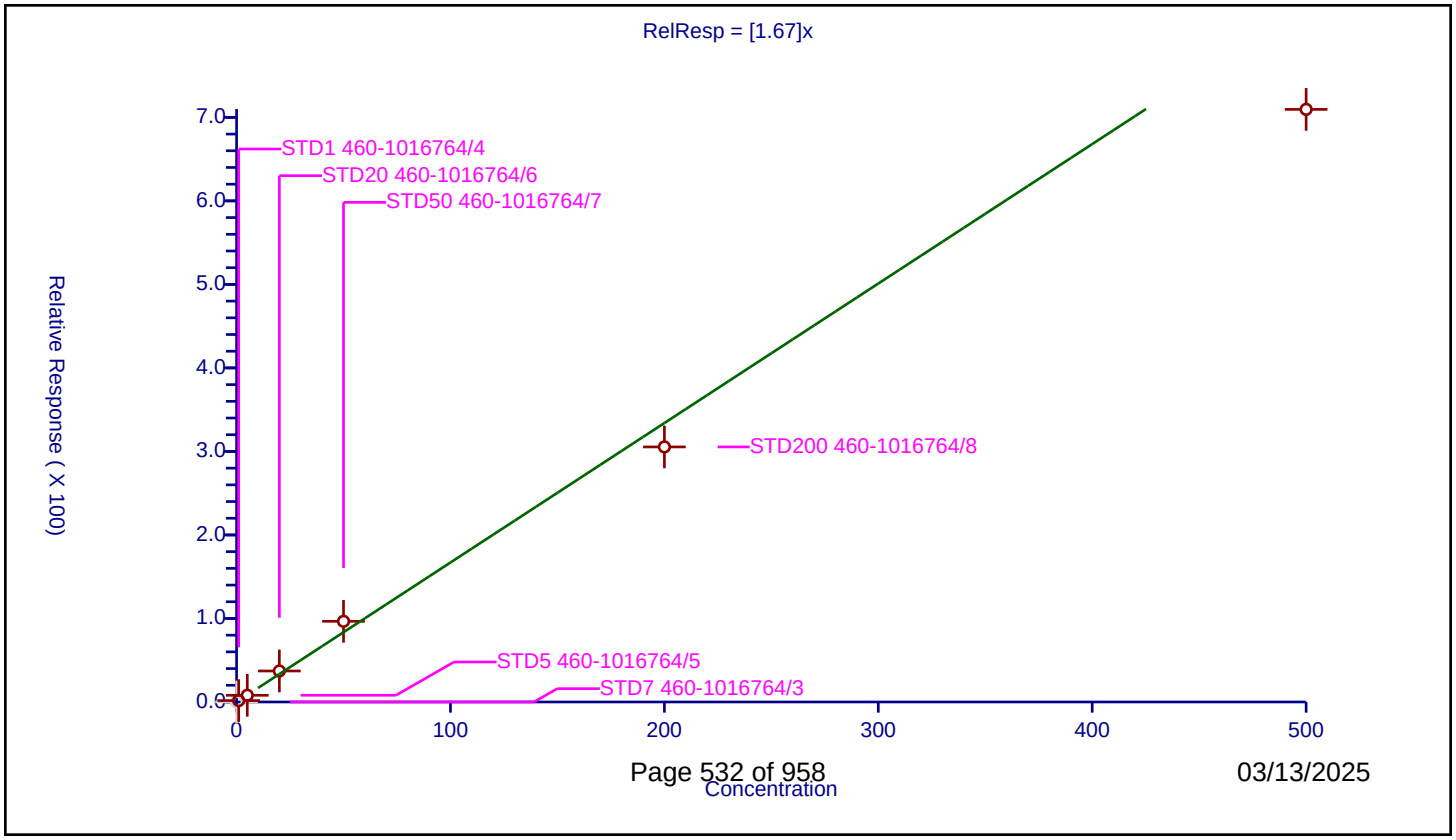
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.67 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.680367 | 50.0 | 206562.0 | 1.680367 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 8.027212 | 50.0 | 231880.0 | 1.605442 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 37.13032 | 50.0 | 205786.0 | 1.856516 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 96.596526 | 50.0 | 198268.0 | 1.931931 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 305.399981 | 50.0 | 235936.0 | 1.527 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 709.539062 | 50.0 | 215734.0 | 1.419078 | Y |



## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

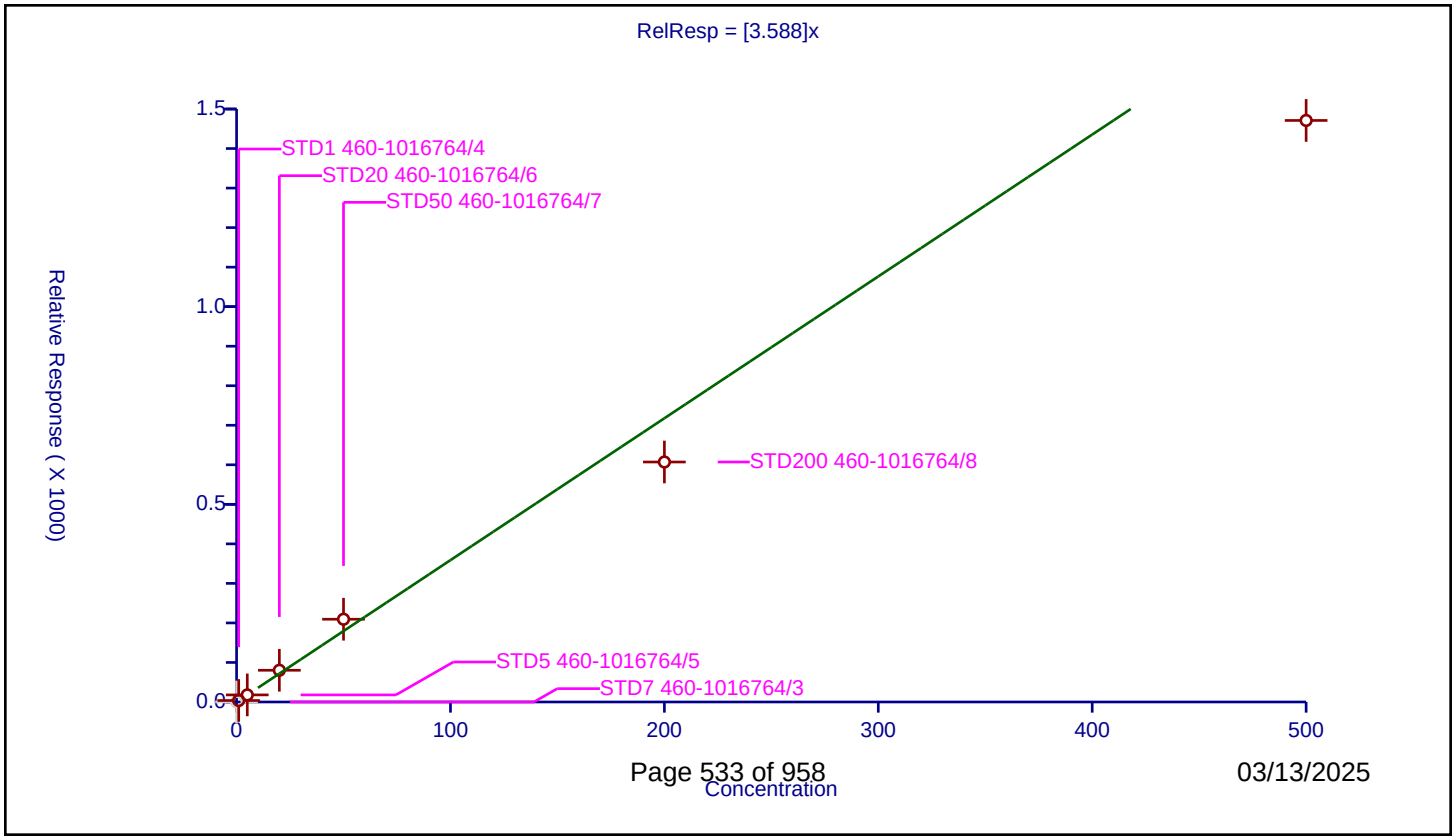
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.588 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 3.769328 | 50.0 | 206562.0 | 3.769328 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 17.915948 | 50.0 | 231880.0 | 3.58319 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 80.272468 | 50.0 | 205786.0 | 4.013623 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 209.354258 | 50.0 | 198268.0 | 4.187085 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 607.059753 | 50.0 | 235936.0 | 3.035299 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1471.087775 | 50.0 | 215734.0 | 2.942176 | 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 |

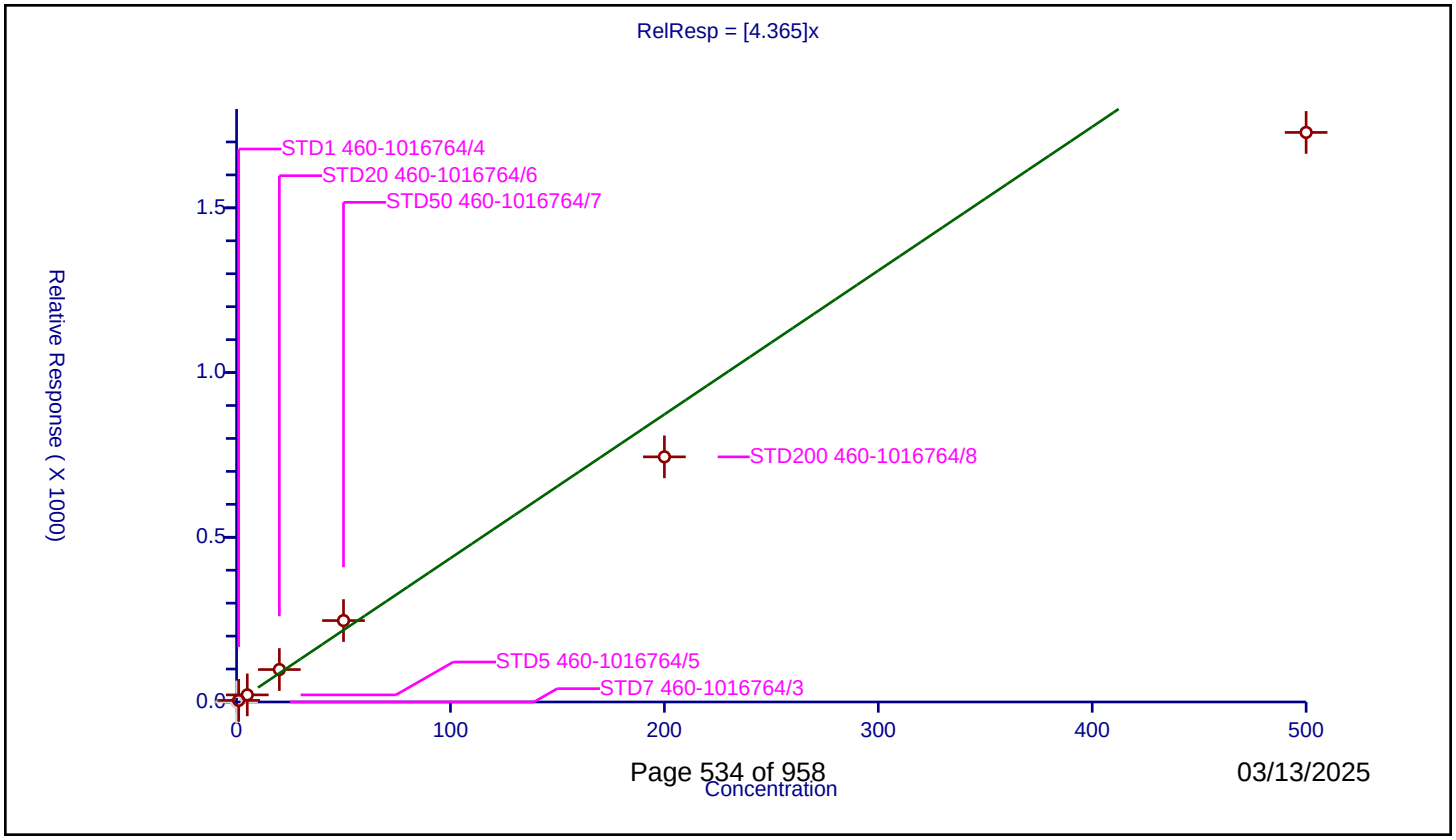
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.365 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 4.828817 | 50.0 | 206562.0 | 4.828817 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 21.582715 | 50.0 | 231880.0 | 4.316543 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 98.471713 | 50.0 | 205786.0 | 4.923586 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 247.160409 | 50.0 | 198268.0 | 4.943208 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 744.110267 | 50.0 | 235936.0 | 3.720551 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1728.902491 | 50.0 | 215734.0 | 3.457805 | Y |






03/13/2025

## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

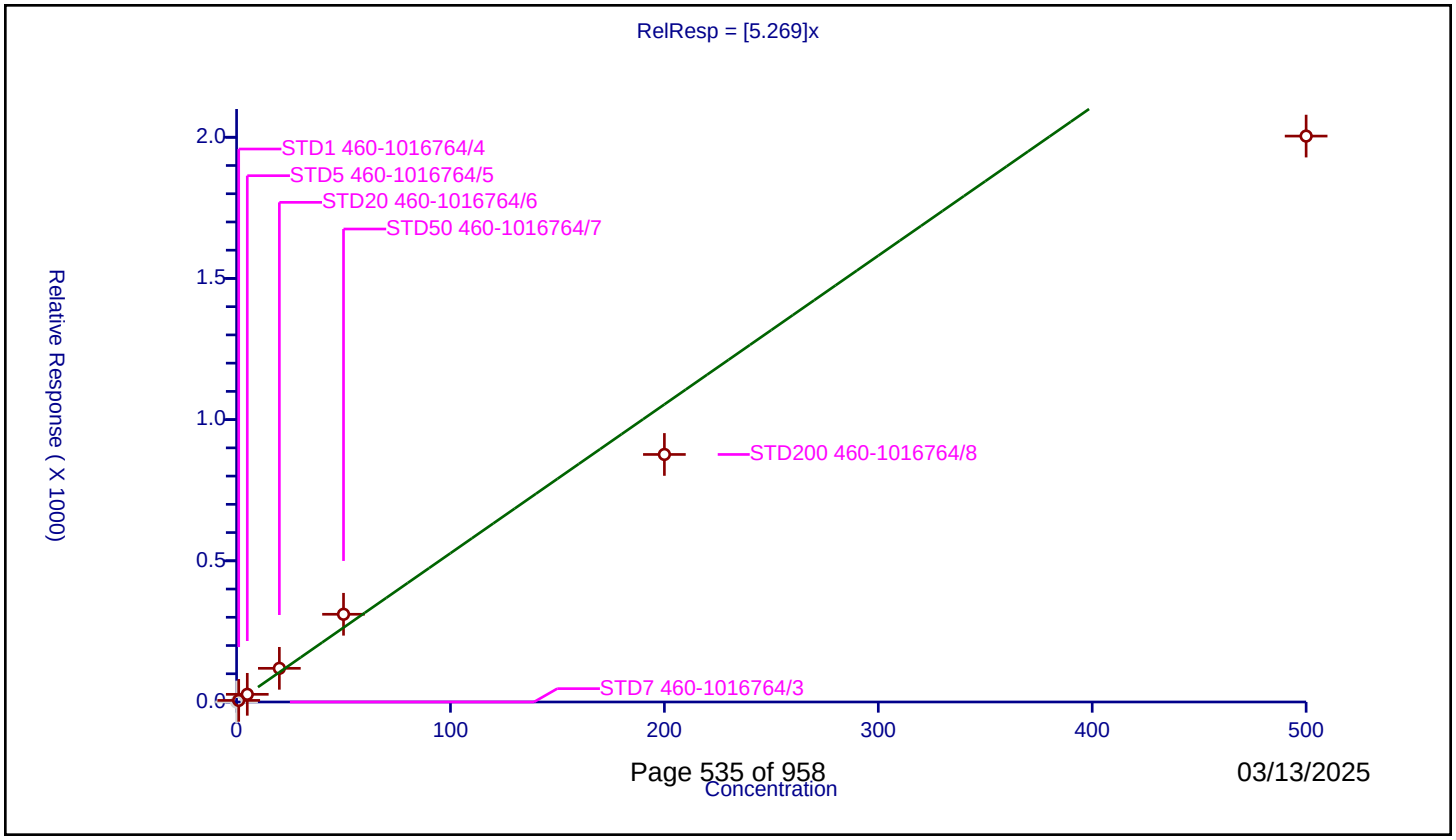
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.269 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 5.6172 | 50.0 | 206562.0 | 5.6172 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 27.159953 | 50.0 | 231880.0 | 5.431991 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 119.21778 | 50.0 | 205786.0 | 5.960889 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 310.696633 | 50.0 | 198268.0 | 6.213933 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 876.669944 | 50.0 | 235936.0 | 4.38335 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 2004.181307 | 50.0 | 215734.0 | 4.008363 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

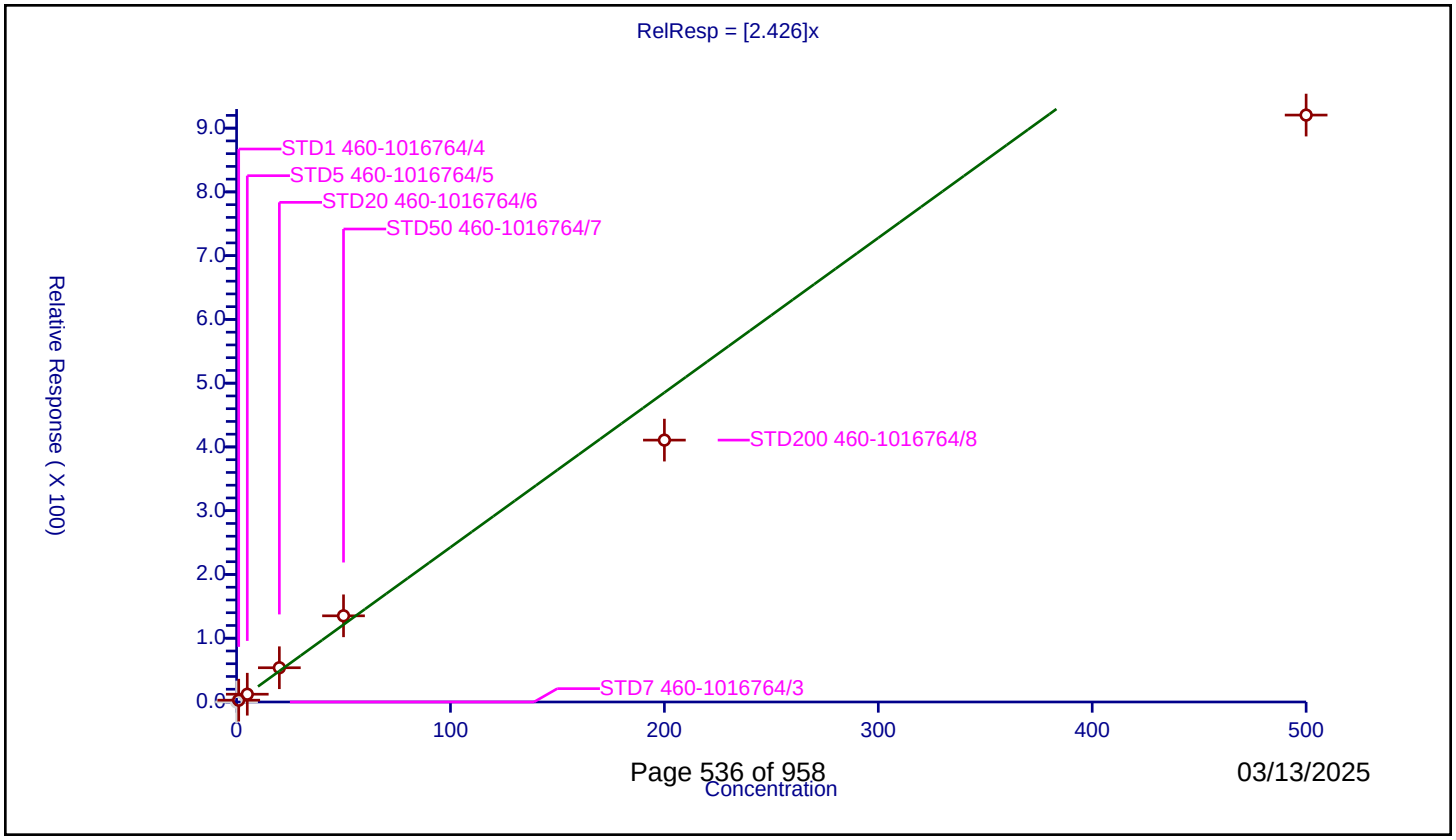
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.426 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 2.838857 | 50.0 | 206562.0 | 2.838857 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 12.180438 | 50.0 | 231880.0 | 2.436088 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 53.719641 | 50.0 | 205786.0 | 2.685982 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 135.139559 | 50.0 | 198268.0 | 2.702791 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 410.728969 | 50.0 | 235936.0 | 2.053645 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 920.509053 | 50.0 | 215734.0 | 1.841018 | Y |



## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

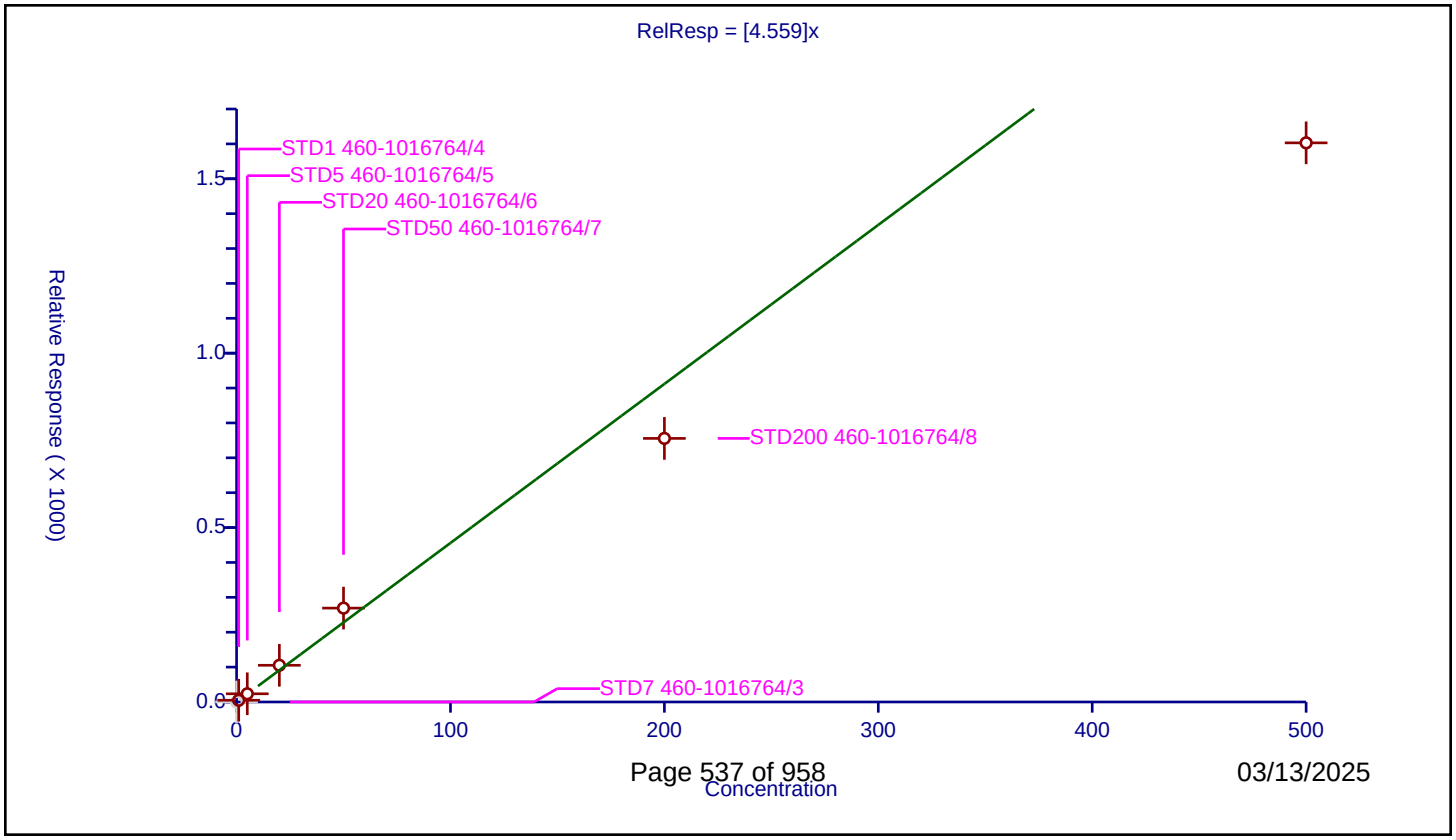
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.559 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 5.024399 | 50.0 | 206562.0 | 5.024399 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 23.51173 | 50.0 | 231880.0 | 4.702346 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 105.214155 | 50.0 | 205786.0 | 5.260708 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 269.133698 | 50.0 | 198268.0 | 5.382674 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 755.6634 | 50.0 | 235936.0 | 3.778317 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1603.011579 | 50.0 | 215734.0 | 3.206023 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

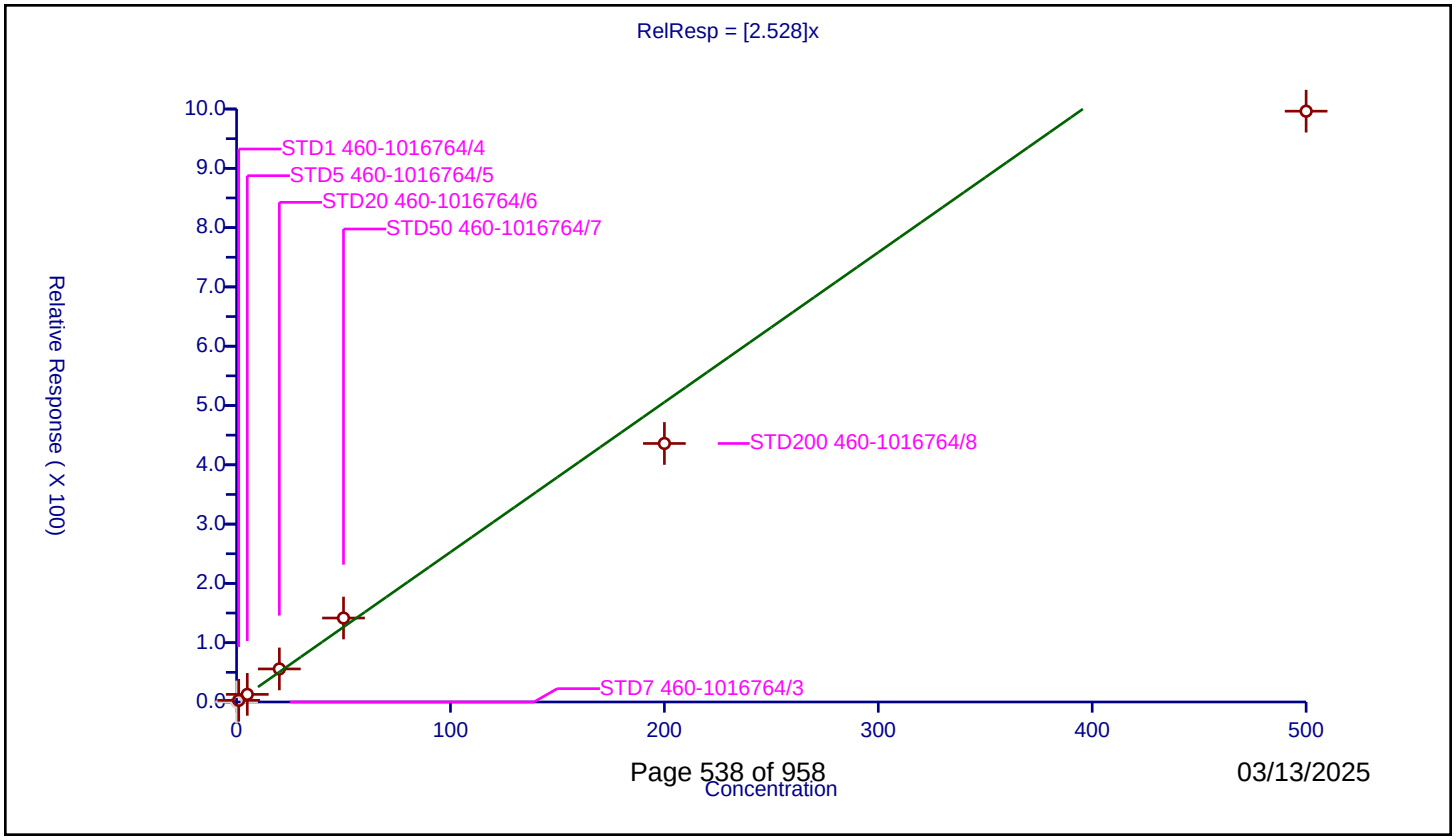
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.528 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 2.806663 | 50.0 | 206562.0 | 2.806663 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 12.833362 | 50.0 | 231880.0 | 2.566672 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 55.763269 | 50.0 | 205786.0 | 2.788163 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 141.576553 | 50.0 | 198268.0 | 2.831531 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 435.981156 | 50.0 | 235936.0 | 2.179906 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 996.336461 | 50.0 | 215734.0 | 1.992673 | 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 |

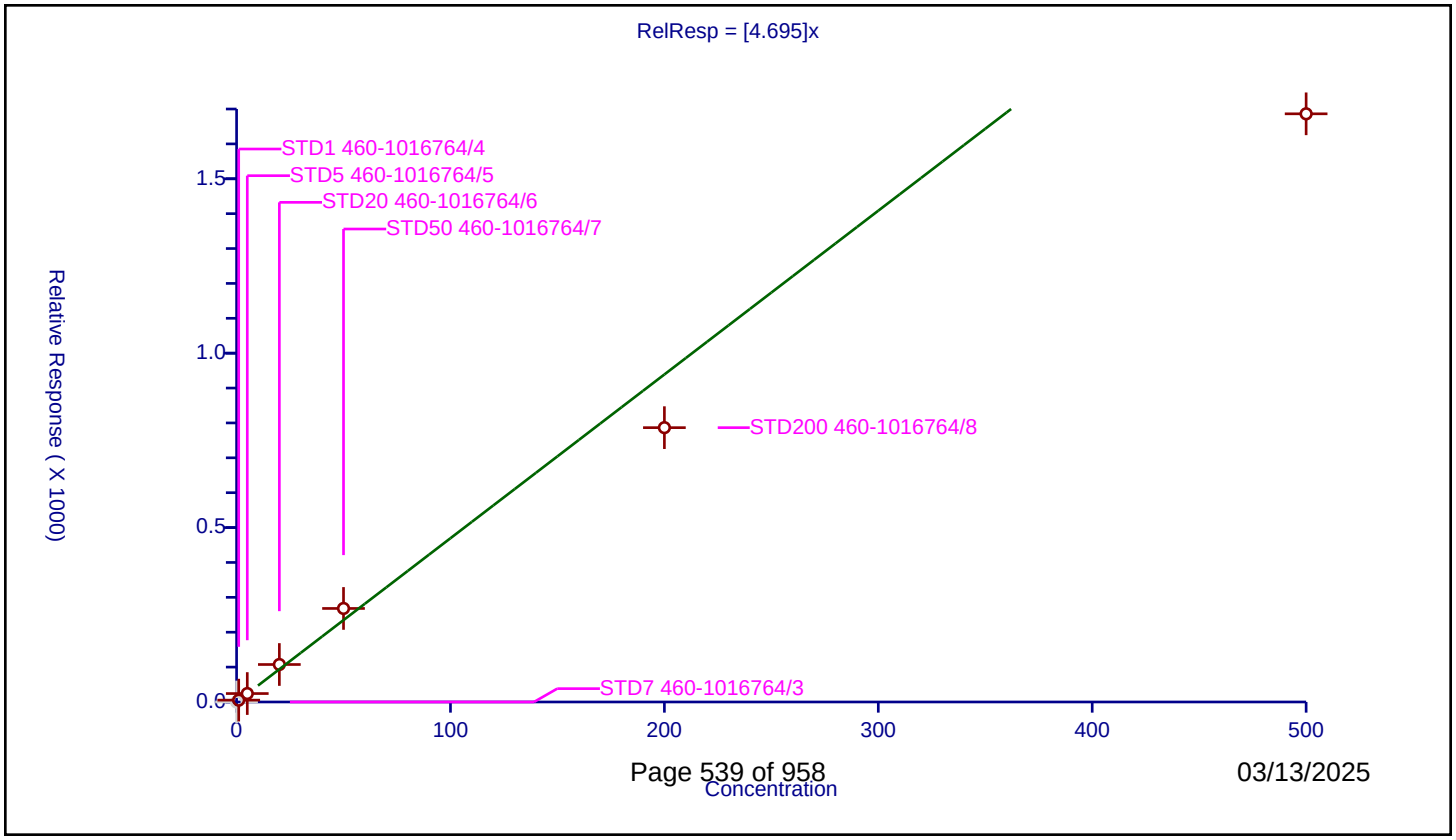
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.695 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 5.29502 | 50.0 | 206562.0 | 5.29502 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 24.169182 | 50.0 | 231880.0 | 4.833836 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 107.449729 | 50.0 | 205786.0 | 5.372486 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 268.181956 | 50.0 | 198268.0 | 5.363639 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 786.50757 | 50.0 | 235936.0 | 3.932538 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1686.252515 | 50.0 | 215734.0 | 3.372505 | Y |



## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

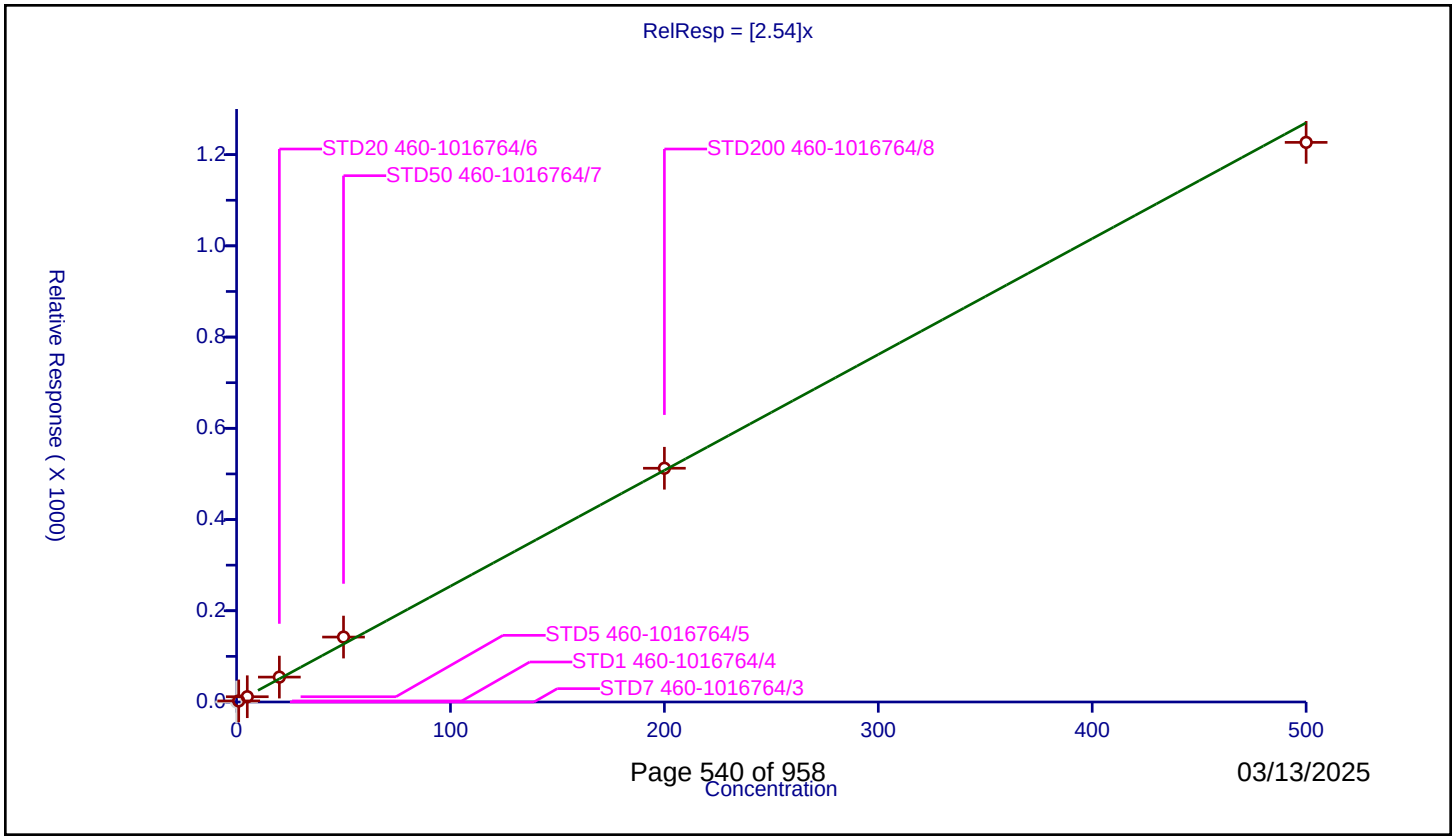
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.54 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 2.334408 | 50.0 | 206562.0 | 2.334408 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 11.55339 | 50.0 | 231880.0 | 2.310678 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 54.583645 | 50.0 | 205786.0 | 2.729182 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 142.342435 | 50.0 | 198268.0 | 2.846849 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 512.477112 | 50.0 | 235936.0 | 2.562386 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1226.883106 | 50.0 | 215734.0 | 2.453766 | Y |



## Calibration / 2,3-Dihydroindene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

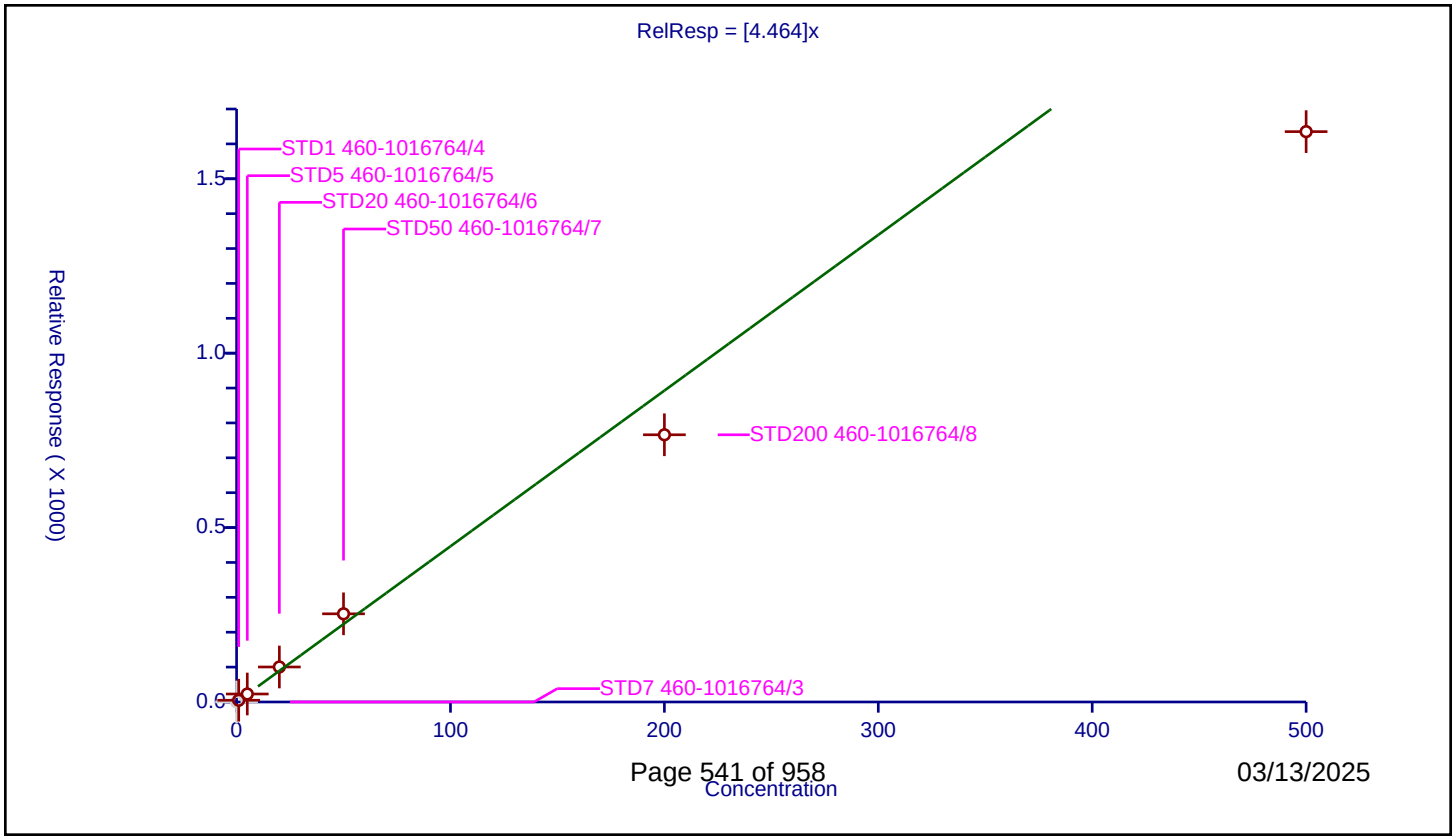
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.464 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 5.025126 | 50.0 | 206562.0 | 5.025126 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 22.915732 | 50.0 | 231880.0 | 4.583146 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 100.373932 | 50.0 | 205786.0 | 5.018697 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 252.776797 | 50.0 | 198268.0 | 5.055536 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 766.070884 | 50.0 | 235936.0 | 3.830354 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1635.180129 | 50.0 | 215734.0 | 3.27036 | Y |



## Calibration / p-Diethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

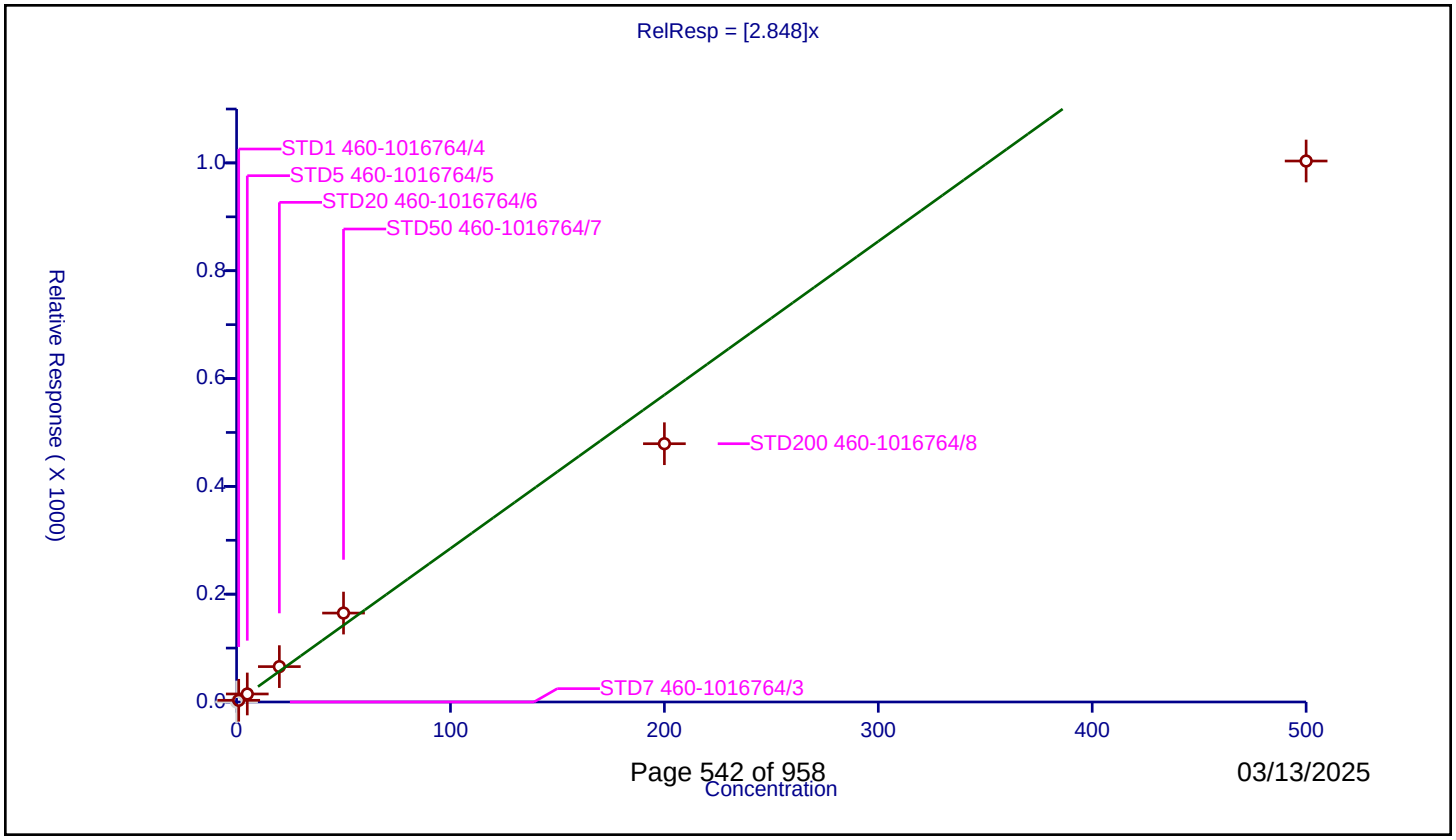
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.848 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 3.138283 | 50.0 | 206562.0 | 3.138283 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 14.84216 | 50.0 | 231880.0 | 2.968432 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 65.633231 | 50.0 | 205786.0 | 3.281662 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 164.959802 | 50.0 | 198268.0 | 3.299196 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 479.107682 | 50.0 | 235936.0 | 2.395538 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1003.547656 | 50.0 | 215734.0 | 2.007095 | Y |



## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

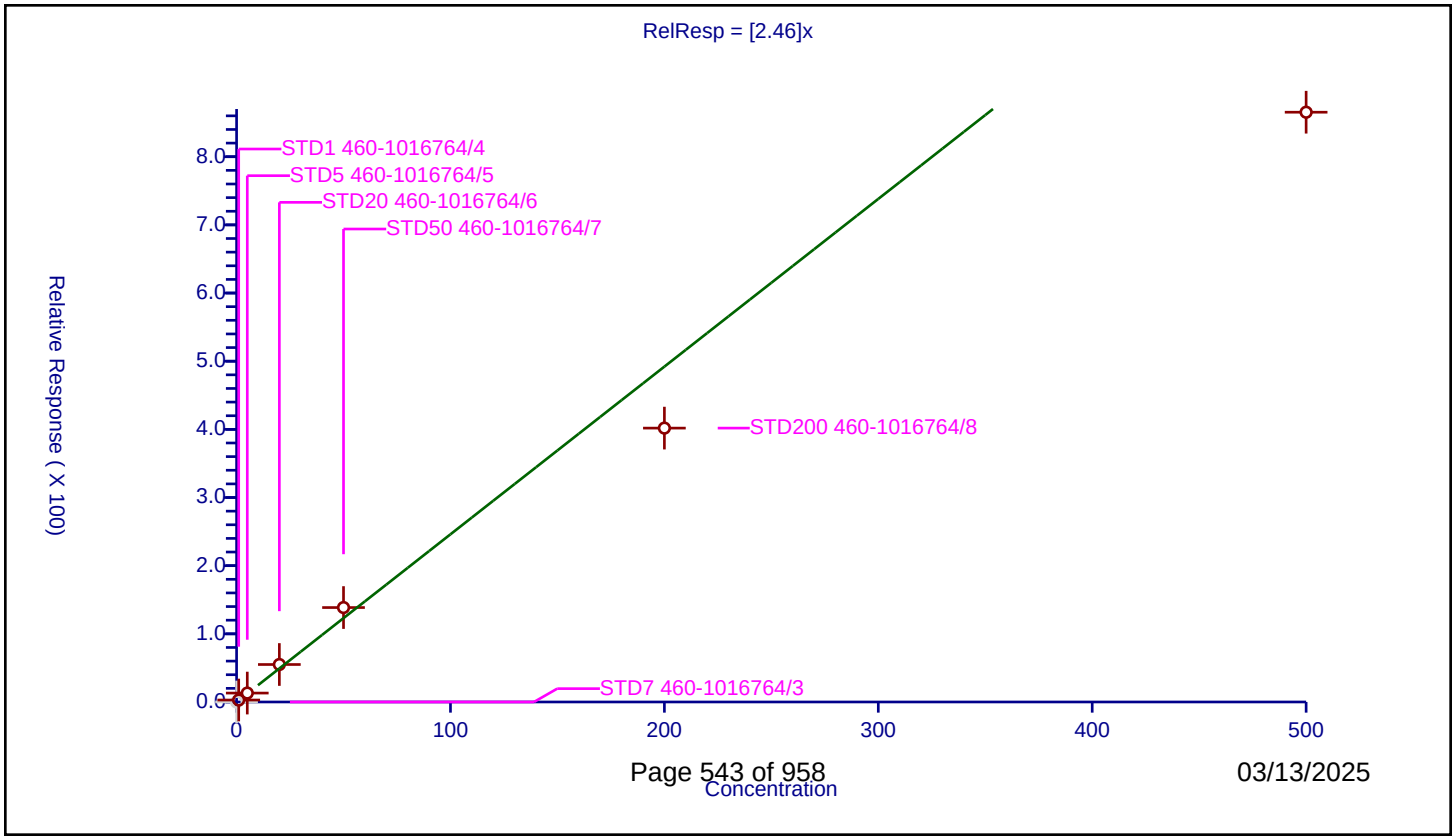
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.46 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 2.883396 | 50.0 | 206562.0 | 2.883396 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 13.088235 | 50.0 | 231880.0 | 2.617647 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 55.000826 | 50.0 | 205786.0 | 2.750041 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 138.547068 | 50.0 | 198268.0 | 2.770941 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 401.834396 | 50.0 | 235936.0 | 2.009172 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 865.309131 | 50.0 | 215734.0 | 1.730618 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

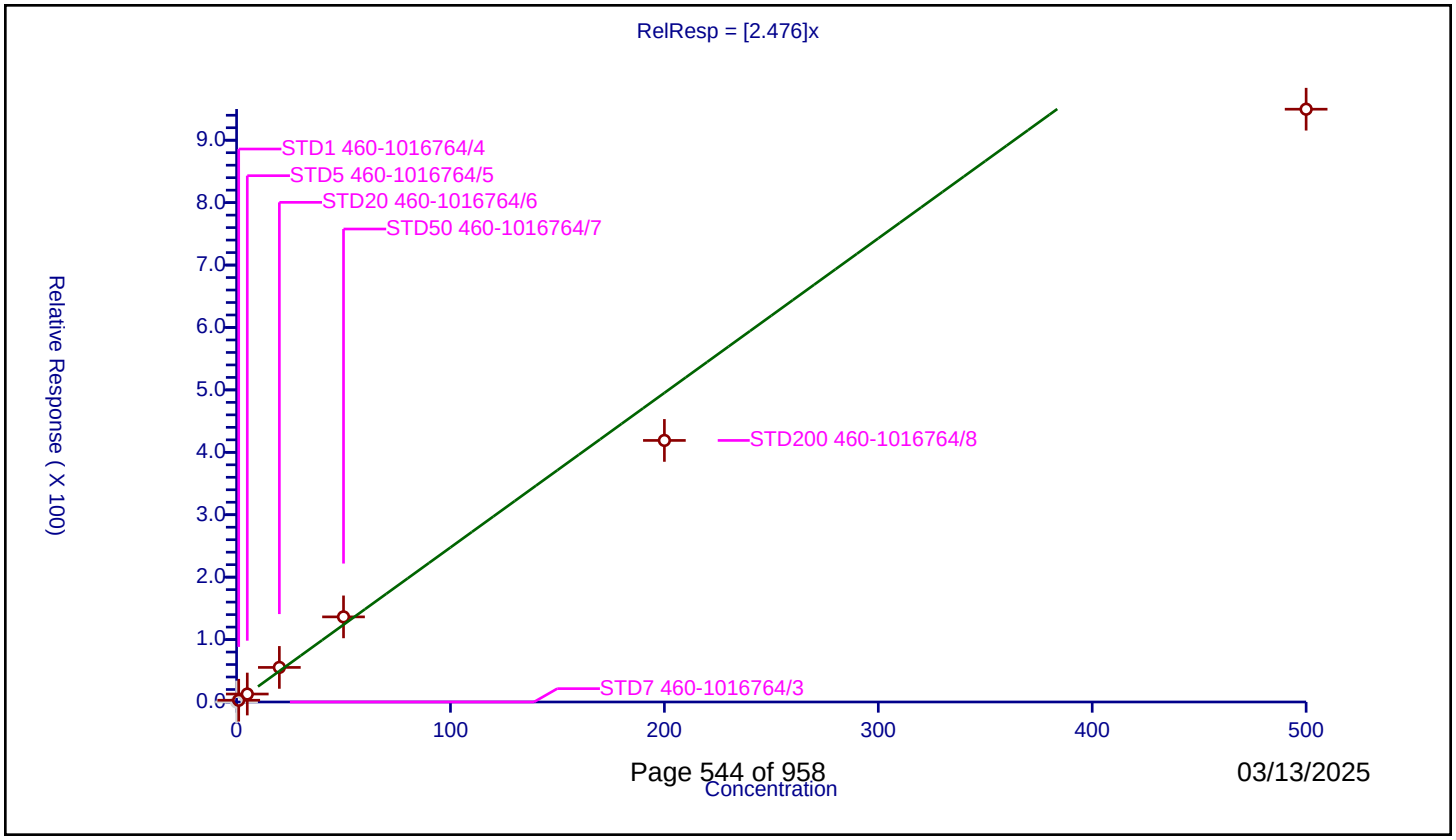
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.476 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 2.815862 | 50.0 | 206562.0 | 2.815862 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 12.744954 | 50.0 | 231880.0 | 2.548991 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 55.410475 | 50.0 | 205786.0 | 2.770524 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 136.328858 | 50.0 | 198268.0 | 2.726577 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 419.060254 | 50.0 | 235936.0 | 2.095301 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 949.69963 | 50.0 | 215734.0 | 1.899399 | 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 |

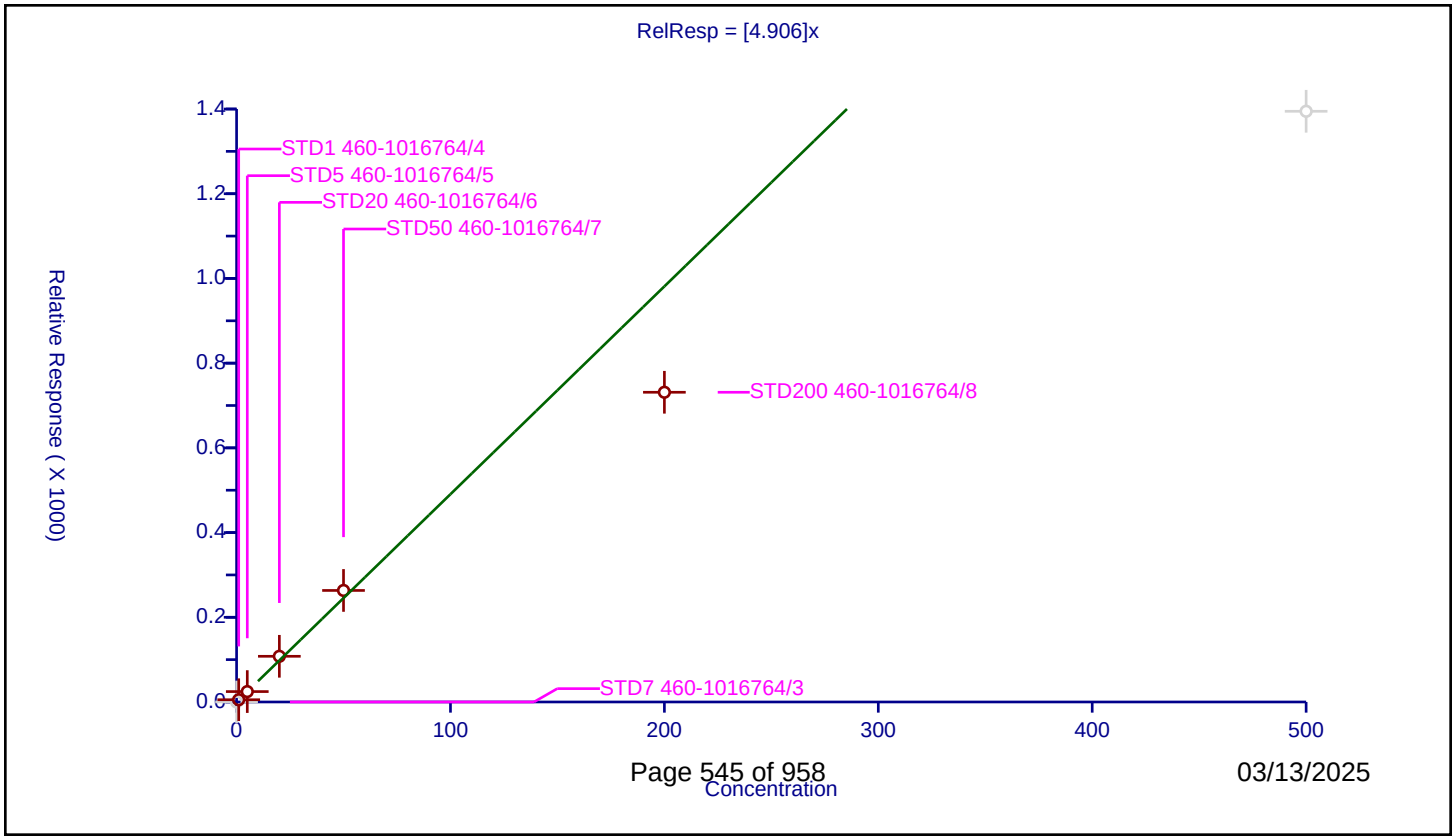
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.906 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 5.292116 | 50.0 | 206562.0 | 5.292116 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 24.614024 | 50.0 | 231880.0 | 4.922805 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 107.88489 | 50.0 | 205786.0 | 5.394245 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 263.312032 | 50.0 | 198268.0 | 5.266241 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 731.249576 | 50.0 | 235936.0 | 3.656248 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1394.643635 | 50.0 | 215734.0 | 2.789287 | N |



## 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 |

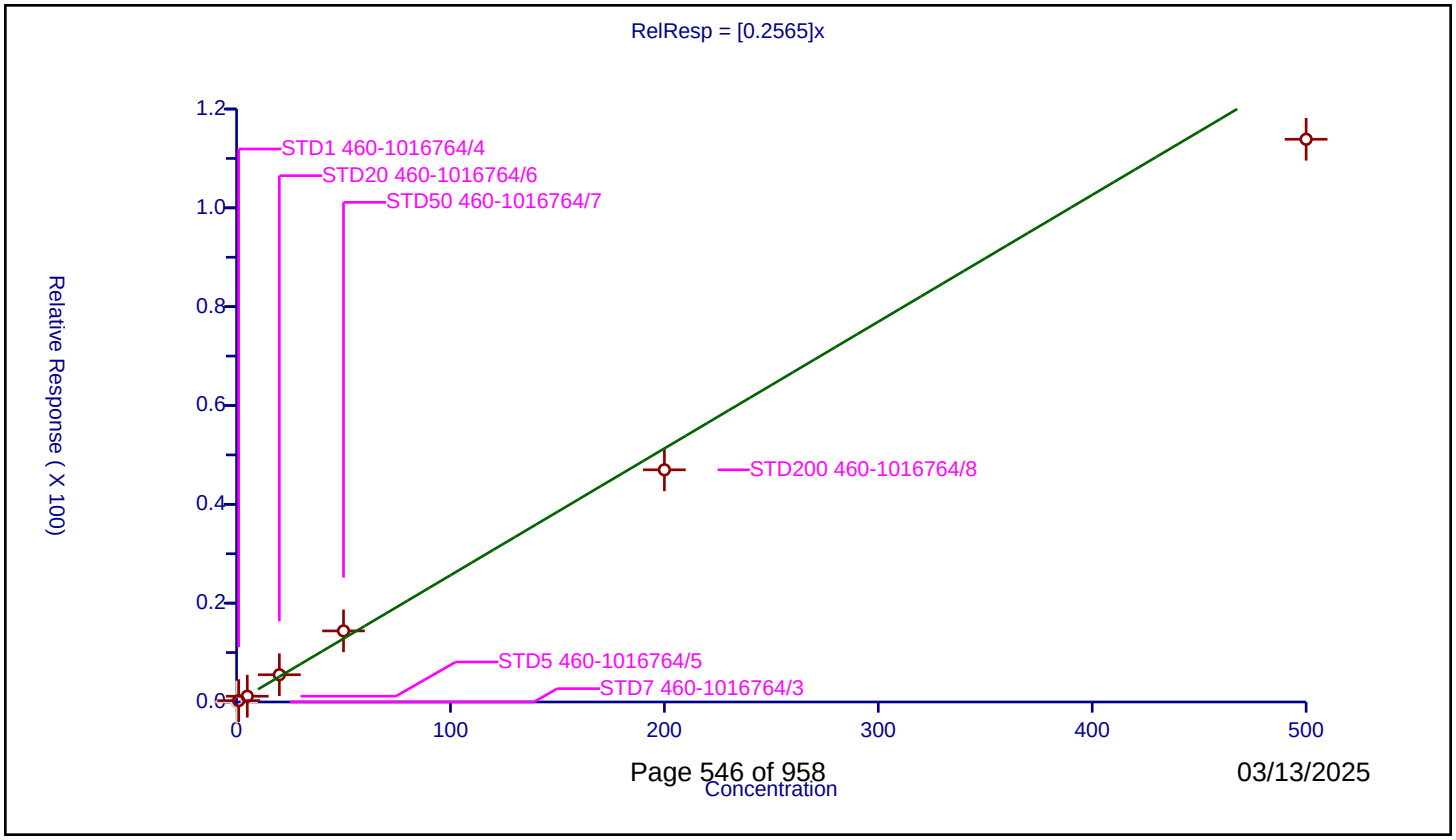
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2565 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.279093 | 50.0 | 206562.0 | 0.279093 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 1.170649 | 50.0 | 231880.0 | 0.23413 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 5.512766 | 50.0 | 205786.0 | 0.275638 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 14.383057 | 50.0 | 198268.0 | 0.287661 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 46.982444 | 50.0 | 235936.0 | 0.234912 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 113.881447 | 50.0 | 215734.0 | 0.227763 | 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 |

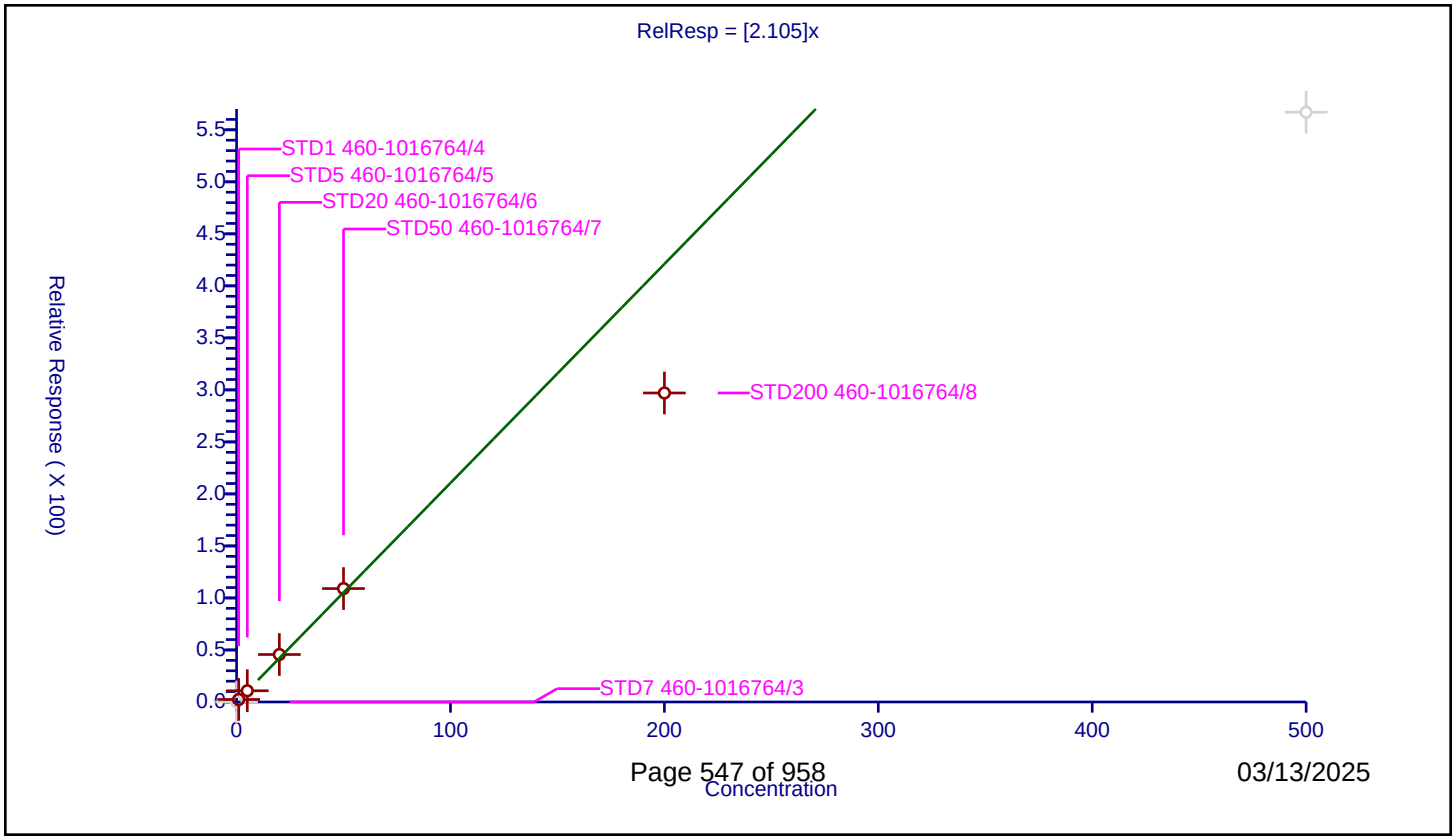
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.105 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 2.419613 | 50.0 | 206562.0 | 2.419613 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 10.78877 | 50.0 | 231880.0 | 2.157754 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 45.642075 | 50.0 | 205786.0 | 2.282104 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 109.030958 | 50.0 | 198268.0 | 2.180619 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 297.021438 | 50.0 | 235936.0 | 1.485107 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 566.907395 | 50.0 | 215734.0 | 1.133815 | N |



## Calibration / 1,2,4-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

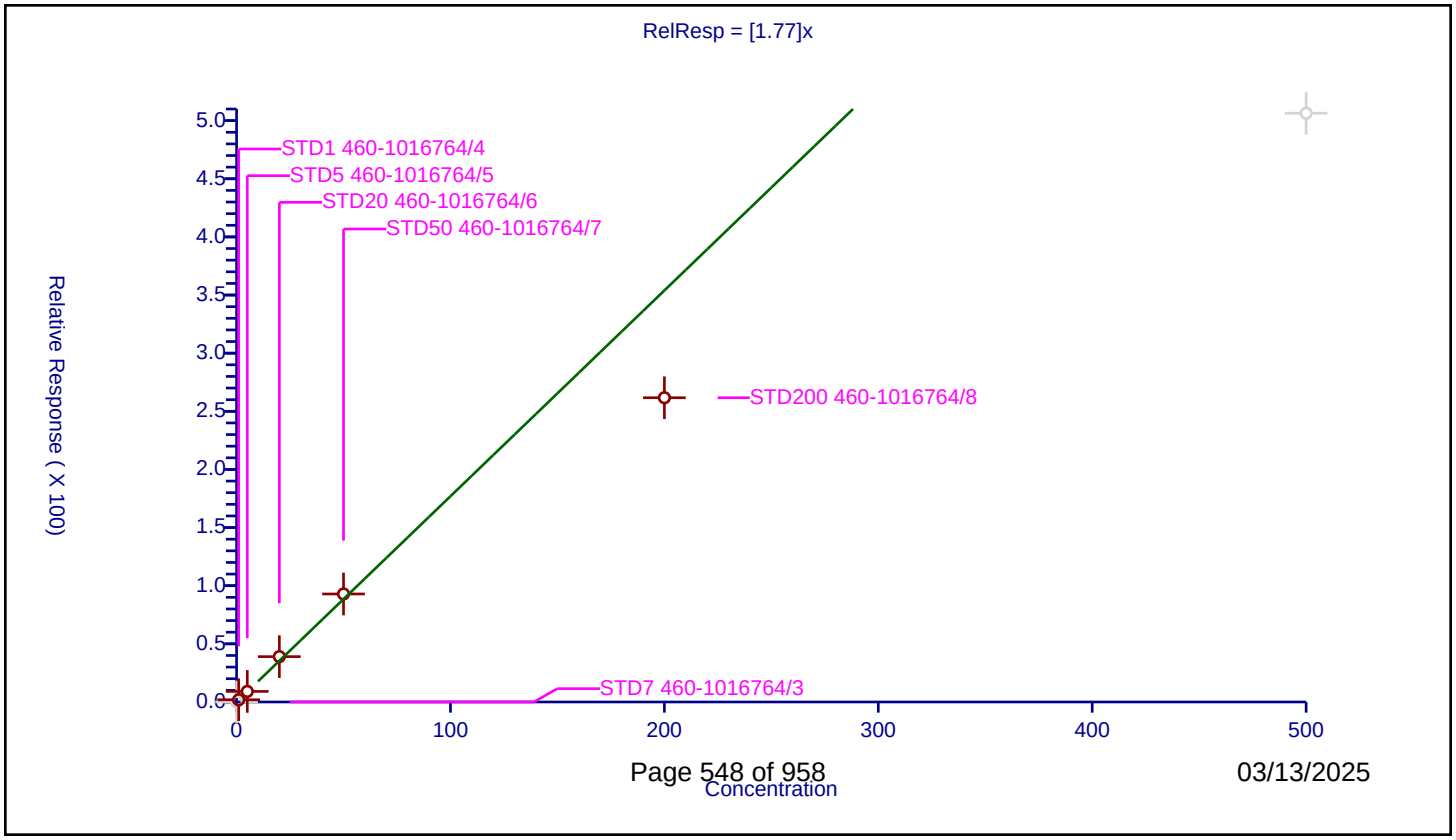
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.77 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.912259 | 50.0 | 206562.0 | 1.912259 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 9.096947 | 50.0 | 231880.0 | 1.819389 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 39.011886 | 50.0 | 205786.0 | 1.950594 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 92.895727 | 50.0 | 198268.0 | 1.857915 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 261.689399 | 50.0 | 235936.0 | 1.308447 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 506.384483 | 50.0 | 215734.0 | 1.012769 | N |






03/13/2025

## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

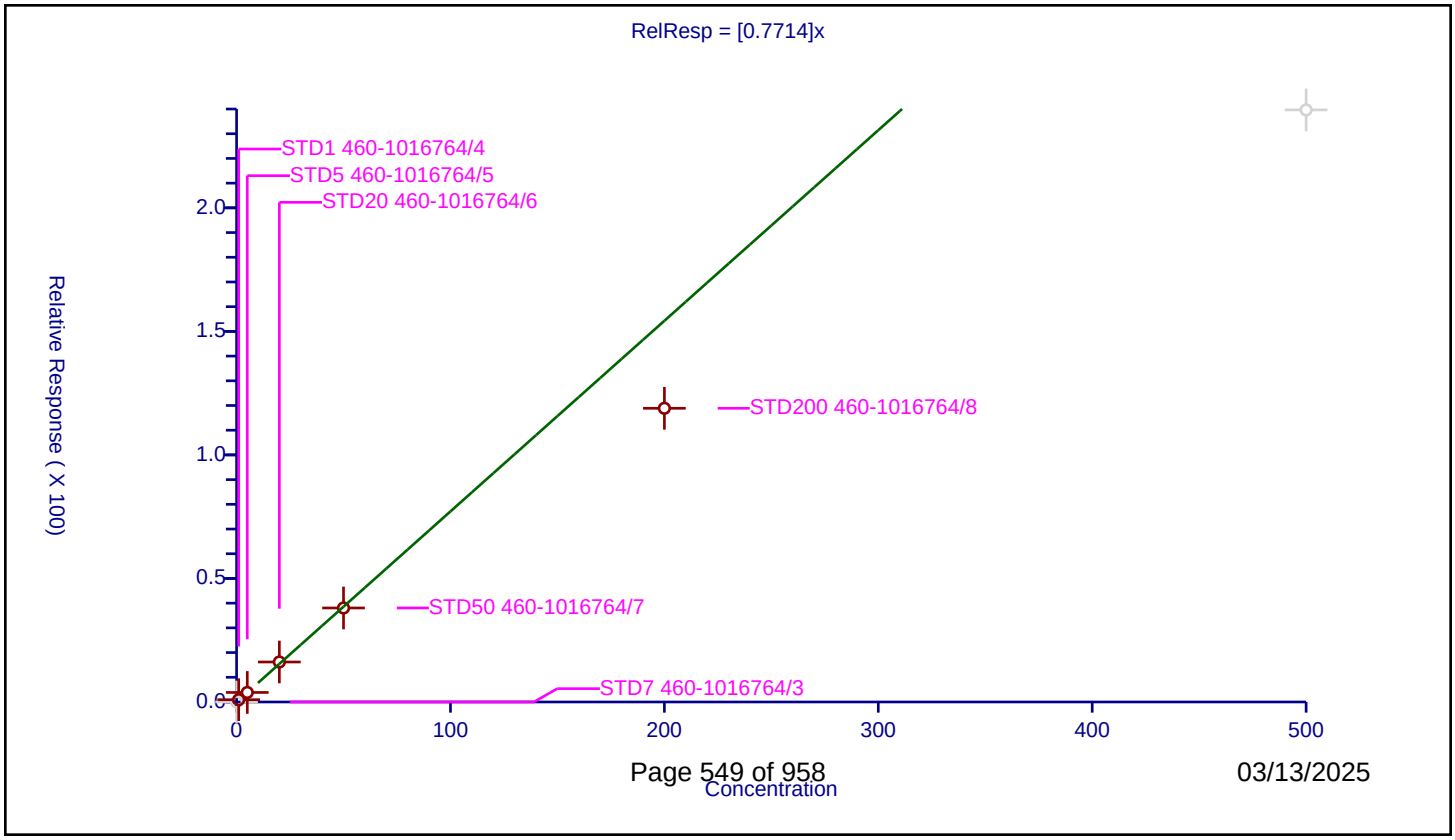
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7714 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 0.920305 | 50.0 | 206562.0 | 0.920305 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 3.861264 | 50.0 | 231880.0 | 0.772253 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 16.184289 | 50.0 | 205786.0 | 0.809214 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 38.051778 | 50.0 | 198268.0 | 0.761036 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 118.871007 | 50.0 | 235936.0 | 0.594355 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 239.644191 | 50.0 | 215734.0 | 0.479288 | N |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

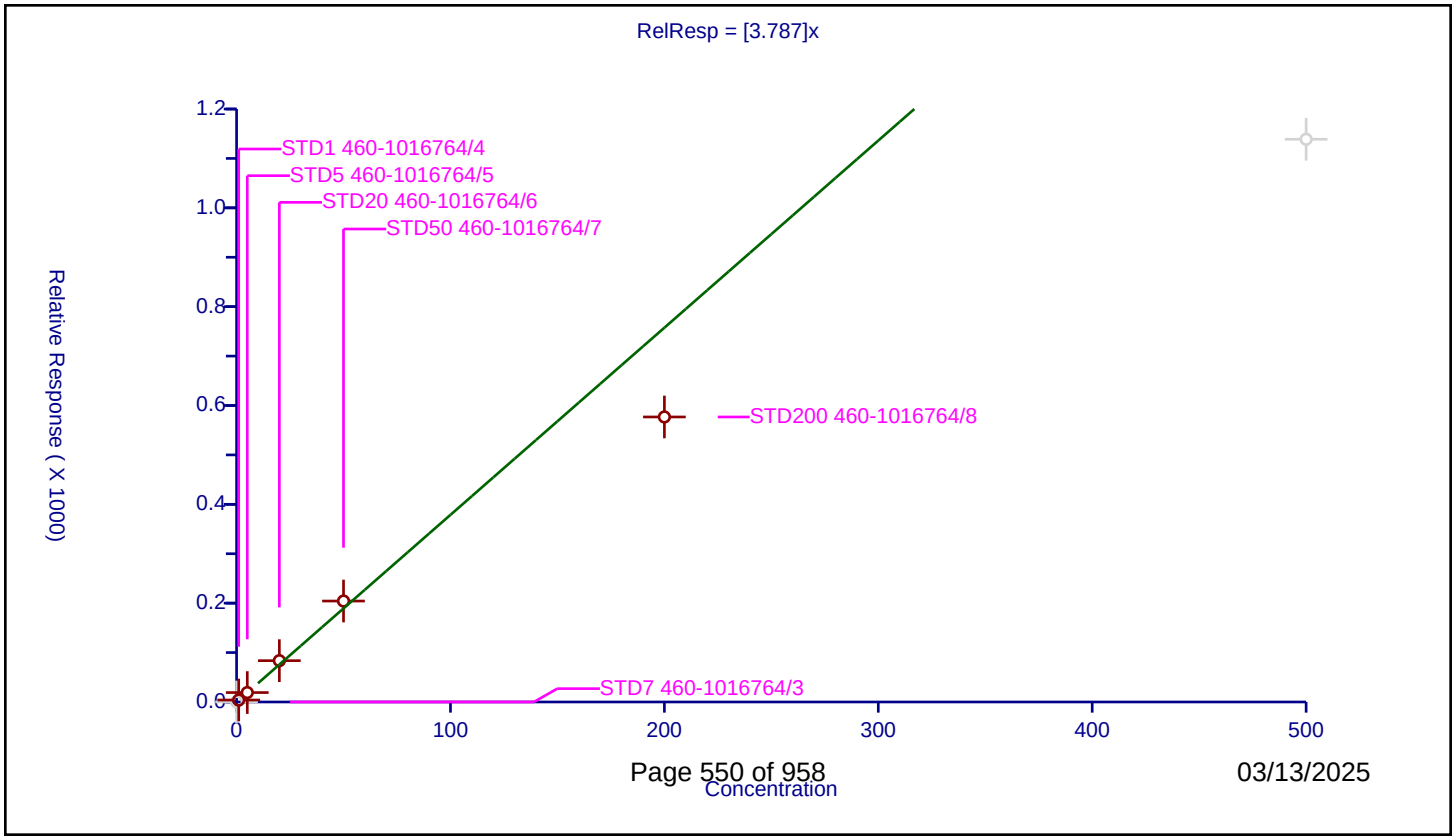
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.787 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 3.973625 | 50.0 | 206562.0 | 3.973625 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 19.059643 | 50.0 | 231880.0 | 3.811929 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 83.616475 | 50.0 | 205786.0 | 4.180824 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 204.303014 | 50.0 | 198268.0 | 4.08606 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 576.786713 | 50.0 | 235936.0 | 2.883934 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 1138.801255 | 50.0 | 215734.0 | 2.277603 | N |



## Calibration / 1,2,3-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

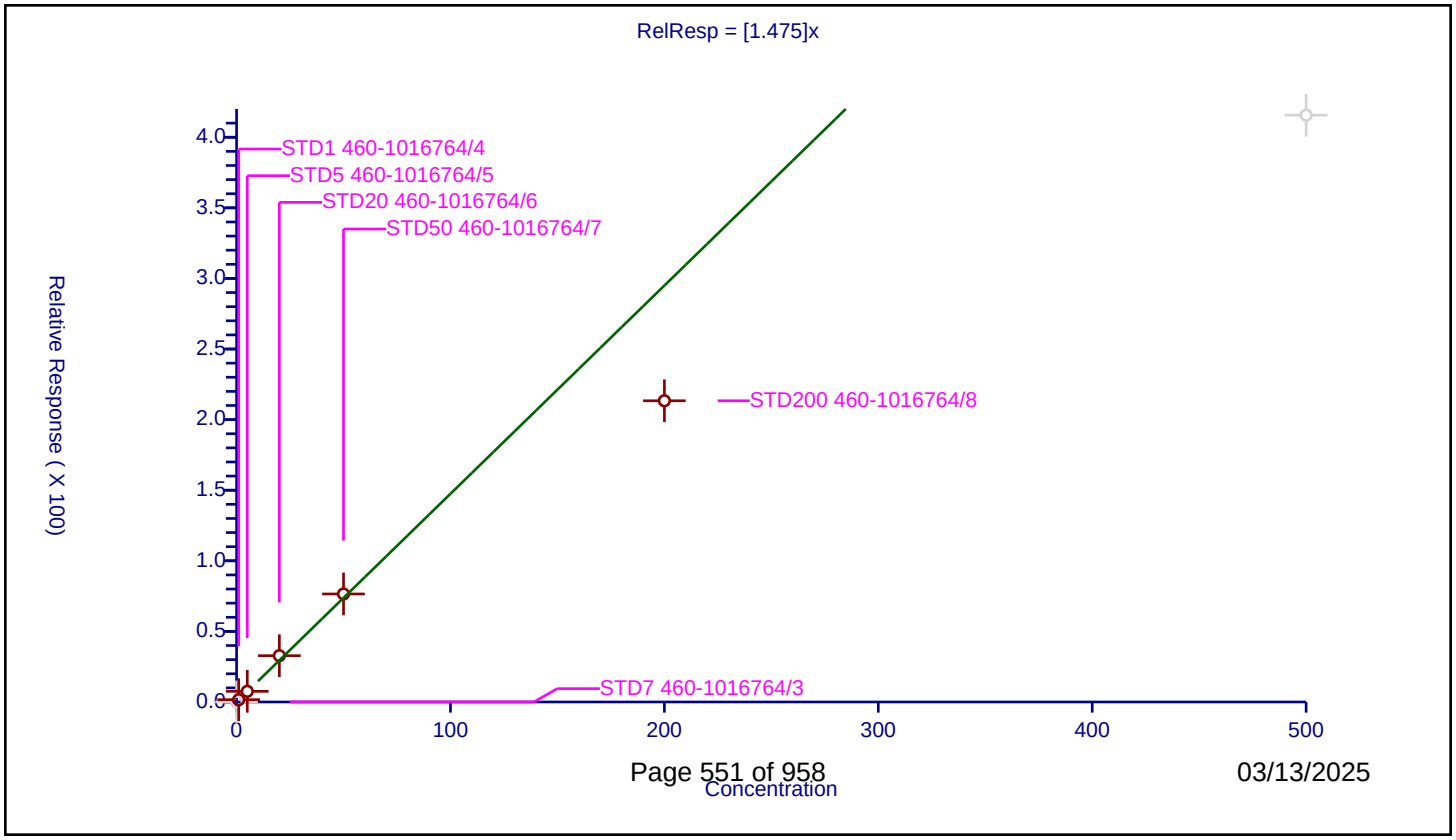
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.475 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1016764/3 | 0.0 | 0.0 | 50.0 | 242986.0 | NaN | N |
| 2 | STD1 460-1016764/4 | 1.0 | 1.626872 | 50.0 | 206562.0 | 1.626872 | Y |
| 3 | STD5 460-1016764/5 | 5.0 | 7.554338 | 50.0 | 231880.0 | 1.510868 | Y |
| 4 | STD20 460-1016764/6 | 20.0 | 32.789646 | 50.0 | 205786.0 | 1.639482 | Y |
| 5 | STD50 460-1016764/7 | 50.0 | 76.49772 | 50.0 | 198268.0 | 1.529954 | Y |
| 6 | STD200 460-1016764/8 | 200.0 | 213.350231 | 50.0 | 235936.0 | 1.066751 | Y |
| 7 | STD500 460-1016764/9 | 500.0 | 415.656086 | 50.0 | 215734.0 | 0.831312 | N |



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: ICV 460-1016764/18 Calibration Date: 01/16/2025 09:12

Instrument ID: CVOAMS6 Calib Start Date: 01/16/2025 04:11

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/16/2025 06:11

Lab File ID: F43700.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 |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 0.6251 | 0.4720 | 0.1000 | 15.1 | 20.0 | -24.5 | 30.0 |
| Chloromethane | Ave | 0.6672 | 0.5374 | 0.1000 | 16.1 | 20.0 | -19.5 | 30.0 |
| Vinyl chloride | Ave | 0.5523 | 0.5350 | 0.1000 | 19.4 | 20.0 | -3.1 | 30.0 |
| Butadiene | Ave | 0.5739 | 0.5847 | | 20.4 | 20.0 | 1.9 | 30.0 |
| Bromomethane | Ave | 0.3712 | 0.3564 | 0.1000 | 19.2 | 20.0 | -4.0 | 30.0 |
| Chloroethane | Ave | 0.3645 | 0.3410 | 0.1000 | 18.7 | 20.0 | -6.4 | 30.0 |
| Dichlorofluoromethane | Ave | 1.053 | 1.088 | | 20.7 | 20.0 | 3.3 | 30.0 |
| Trichlorofluoromethane | Ave | 0.6825 | 0.7154 | 0.1000 | 21.0 | 20.0 | 4.8 | 30.0 |
| Pentane | Ave | 0.9025 | 0.8752 | | 38.8 | 40.0 | -3.0 | 30.0 |
| Ethanol | Ave | 0.0776 | 0.1028 | | 1060 | 800 | 32.6* | 30.0 |
| Ethyl ether | Ave | 0.3649 | 0.3695 | | 20.3 | 20.0 | 1.3 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.4228 | 0.4305 | | 20.4 | 20.0 | 1.8 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.4284 | 0.4382 | | 20.5 | 20.0 | 2.3 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.7183 | 0.7220 | | 20.1 | 20.0 | 0.5 | 30.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.5038 | 0.5648 | 0.1000 | 22.4 | 20.0 | 12.1 | 30.0 |
| Acrolein | Ave | 9.322 | 6.124 | | 26.0 | 39.5 | -34.3* | 30.0 |
| 1,1-Dichloroethene | Ave | 0.5091 | 0.5418 | 0.1000 | 21.3 | 20.0 | 6.4 | 30.0 |
| Acetone | Ave | 17.92 | 19.30 | 0.0500 | 108 | 100 | 7.7 | 30.0 |
| Isopropyl alcohol | Ave | 2.361 | 2.289 | | 194 | 200 | -3.0 | 30.0 |
| Iodomethane | Ave | 0.9569 | 1.037 | | 21.7 | 20.0 | 8.4 | 30.0 |
| Carbon disulfide | Ave | 1.641 | 1.767 | 0.1000 | 21.5 | 20.0 | 7.7 | 30.0 |
| Methyl acetate | Ave | 41.98 | 43.25 | 0.0500 | 41.2 | 40.0 | 3.0 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.8539 | 0.8614 | | 20.2 | 20.0 | 0.9 | 30.0 |
| Cyclopentene | Ave | 1.024 | 1.013 | | 19.8 | 20.0 | -1.0 | 30.0 |
| Acetonitrile | Ave | 6.737 | 7.380 | | 219 | 200 | 9.5 | 30.0 |
| Methylene Chloride | Ave | 0.5933 | 0.6189 | 0.1000 | 20.9 | 20.0 | 4.3 | 30.0 |
| 2-Methyl-2-propanol | Ave | 5.052 | 5.578 | | 221 | 200 | 10.4 | 30.0 |
| Methyl tert-butyl ether | Ave | 1.412 | 1.493 | 0.1000 | 21.1 | 20.0 | 5.7 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.5419 | 0.5711 | 0.1000 | 21.1 | 20.0 | 5.4 | 30.0 |
| Acrylonitrile | Ave | 0.1476 | 0.1622 | | 220 | 200 | 9.9 | 30.0 |
| Hexane | Ave | 0.2929 | 0.3359 | | 22.9 | 20.0 | 14.7 | 30.0 |
| Isopropyl ether | Ave | 1.376 | 1.385 | | 20.1 | 20.0 | 0.6 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.9134 | 0.996 | 0.2000 | 21.8 | 20.0 | 9.1 | 30.0 |
| Vinyl acetate | Ave | 0.0791 | 0.0822 | | 41.6 | 40.0 | 3.9 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.4415 | 0.4465 | | 20.2 | 20.0 | 1.1 | 30.0 |
| Tert-butyl ethyl ether | Ave | 1.489 | 1.513 | | 20.3 | 20.0 | 1.7 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.1662 | 0.1746 | | 21.0 | 20.0 | 5.0 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 0.5697 | 0.6132 | 0.1000 | 21.5 | 20.0 | 7.6 | 30.0 |
| Ethyl acetate | Ave | 6.684 | 6.347 | | 38.0 | 40.0 | -5.0 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: ICV 460-1016764/18 Calibration Date: 01/16/2025 09:12

Instrument ID: CVOAMS6 Calib Start Date: 01/16/2025 04:11

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/16/2025 06:11

Lab File ID: F43700.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-Butanone (MEK) | Ave | 0.4968 | 0.4970 | 0.0500 | 100 | 100 | 0.0 | 30.0 |
| Methyl acrylate | Ave | 0.4300 | 0.4393 | | 20.4 | 20.0 | 2.1 | 30.0 |
| Propionitrile | Ave | 8.749 | 9.429 | | 216 | 200 | 7.8 | 30.0 |
| Chlorobromomethane | Ave | 0.2714 | 0.2844 | | 21.0 | 20.0 | 4.8 | 30.0 |
| Tetrahydrofuran | Ave | 22.37 | 22.99 | | 41.1 | 40.0 | 2.8 | 30.0 |
| Methacrylonitrile | Ave | 0.1539 | 0.1625 | | 211 | 200 | 5.6 | 30.0 |
| Chloroform | Ave | 0.8784 | 0.9239 | 0.2000 | 21.0 | 20.0 | 5.2 | 30.0 |
| Cyclohexane | Ave | 0.7009 | 0.8026 | 0.1000 | 22.9 | 20.0 | 14.5 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.7704 | 0.8156 | 0.1000 | 21.2 | 20.0 | 5.9 | 30.0 |
| Carbon tetrachloride | Ave | 0.6308 | 0.6752 | 0.1000 | 21.4 | 20.0 | 7.0 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.6391 | 0.6758 | | 21.1 | 20.0 | 5.7 | 30.0 |
| Isobutyl alcohol | Ave | 1.898 | 2.131 | | 561 | 500 | 12.3 | 30.0 |
| Isooctane | Ave | 1.660 | 1.786 | | 21.5 | 20.0 | 7.6 | 30.0 |
| Benzene | Ave | 2.845 | 3.019 | 0.5000 | 21.2 | 20.0 | 6.1 | 30.0 |
| Isopropyl acetate | Lin2 | | 0.1586 | | 20.5 | 20.0 | 2.3 | 30.0 |
| Tert-amyl methyl ether | Ave | 1.469 | 1.508 | | 20.5 | 20.0 | 2.7 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.5914 | 0.6192 | 0.1000 | 20.9 | 20.0 | 4.7 | 30.0 |
| n-Heptane | Ave | 0.2507 | 0.2757 | | 22.0 | 20.0 | 10.0 | 30.0 |
| n-Butanol | Ave | 1.497 | 1.573 | | 525 | 500 | 5.0 | 30.0 |
| Trichloroethene | Ave | 0.4908 | 0.5247 | 0.2000 | 21.4 | 20.0 | 6.9 | 30.0 |
| Ethyl acrylate | Ave | 1.018 | 1.059 | | 20.8 | 20.0 | 4.0 | 30.0 |
| Methylcyclohexane | Ave | 0.8055 | 0.8922 | 0.1000 | 22.2 | 20.0 | 10.8 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4435 | 0.4713 | 0.1000 | 21.3 | 20.0 | 6.3 | 30.0 |
| Methyl methacrylate | Ave | 0.0920 | 0.0904 | | 39.3 | 40.0 | -1.7 | 30.0 |
| 1,4-Dioxane | Ave | 1.844 | 2.070 | | 449 | 400 | 12.3 | 30.0 |
| n-Propyl acetate | Ave | 0.4205 | 0.3779 | | 18.0 | 20.0 | -10.1 | 30.0 |
| Dibromomethane | Ave | 0.3013 | 0.3194 | | 21.2 | 20.0 | 6.0 | 30.0 |
| Dichlorobromomethane | Ave | 0.5853 | 0.6126 | 0.2000 | 20.9 | 20.0 | 4.7 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.2138 | 0.1975 | | 18.5 | 20.0 | -7.6 | 30.0 |
| 2-Nitropropane | Ave | 0.0926 | 0.0799 | | 34.5 | 40.0 | -13.6 | 30.0 |
| Epichlorohydrin | Ave | 5.617 | 5.964 | | 21.2 | 20.0 | 6.2 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 1.020 | 1.051 | 0.2000 | 20.6 | 20.0 | 3.0 | 30.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 4.095 | 4.102 | 0.0500 | 100 | 100 | 0.2 | 30.0 |
| Toluene | Ave | 2.571 | 2.783 | 0.4000 | 21.6 | 20.0 | 8.2 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.8199 | 0.8843 | 0.1000 | 21.6 | 20.0 | 7.9 | 30.0 |
| Ethyl methacrylate | Ave | 0.7170 | 0.7557 | | 21.1 | 20.0 | 5.4 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.4290 | 0.4665 | 0.1000 | 21.7 | 20.0 | 8.7 | 30.0 |
| Tetrachloroethene | Ave | 0.6363 | 0.7000 | 0.2000 | 22.0 | 20.0 | 10.0 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.8290 | 0.8626 | | 20.8 | 20.0 | 4.1 | 30.0 |
| 2-Hexanone | Ave | 2.918 | 2.871 | 0.0500 | 98.4 | 100 | -1.6 | 30.0 |
| n-Butyl acetate | Ave | 0.8280 | 0.8542 | | 20.6 | 20.0 | 3.2 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: ICV 460-1016764/18 Calibration Date: 01/16/2025 09:12

Instrument ID: CVOAMS6 Calib Start Date: 01/16/2025 04:11

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/16/2025 06:11

Lab File ID: F43700.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 |
|---|---|---|---|---|---|---|---|---|
| Chlorodibromomethane | Ave | 0.5692 | 0.5943 | 0.1000 | 20.9 | 20.0 | 4.4 | 30.0 |
| Ethylene Dibromide | Ave | 0.5379 | 0.5554 | 0.1000 | 20.7 | 20.0 | 3.3 | 30.0 |
| Chlorobenzene | Ave | 1.686 | 1.790 | 0.5000 | 21.2 | 20.0 | 6.2 | 30.0 |
| Ethylbenzene | Ave | 0.8854 | 0.9347 | 0.1000 | 21.1 | 20.0 | 5.6 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.6825 | 0.7597 | | 22.3 | 20.0 | 11.3 | 30.0 |
| m-Xylene & p-Xylene | Ave | 1.108 | 1.158 | 0.1000 | 20.9 | 20.0 | 4.5 | 30.0 |
| n-Butyl acrylate | Ave | 0.5500 | 0.5936 | | 21.6 | 20.0 | 7.9 | 30.0 |
| o-Xylene | Ave | 1.199 | 1.326 | 0.3000 | 22.1 | 20.0 | 10.6 | 30.0 |
| Styrene | Ave | 1.770 | 1.912 | 0.3000 | 21.6 | 20.0 | 8.0 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 1.920 | 1.983 | | 20.6 | 20.0 | 3.2 | 30.0 |
| Bromoform | Ave | 0.3522 | 0.3615 | 0.1000 | 20.5 | 20.0 | 2.7 | 30.0 |
| Isopropylbenzene | Ave | 3.027 | 3.640 | 0.1000 | 24.1 | 20.0 | 20.3 | 30.0 |
| Bromobenzene | Ave | 1.215 | 1.205 | | 19.8 | 20.0 | -0.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.146 | 1.153 | 0.3000 | 20.1 | 20.0 | 0.6 | 30.0 |
| N-Propylbenzene | Ave | 5.378 | 5.917 | | 22.0 | 20.0 | 10.0 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.3402 | 0.3236 | | 19.0 | 20.0 | -4.9 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.2144 | 0.2145 | | 20.0 | 20.0 | 0.0 | 30.0 |
| 2-Chlorotoluene | Ave | 3.980 | 4.243 | | 21.3 | 20.0 | 6.6 | 30.0 |
| 4-Ethyltoluene | Ave | 4.488 | 4.678 | | 20.8 | 20.0 | 4.2 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 4.198 | 4.786 | | 22.8 | 20.0 | 14.0 | 30.0 |
| 4-Chlorotoluene | Ave | 3.674 | 3.720 | | 20.3 | 20.0 | 1.3 | 30.0 |
| Butyl Methacrylate | Ave | 1.670 | 1.816 | | 21.7 | 20.0 | 8.7 | 30.0 |
| tert-Butylbenzene | Ave | 3.588 | 4.135 | | 23.0 | 20.0 | 15.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 4.365 | 4.838 | | 22.2 | 20.0 | 10.8 | 30.0 |
| sec-Butylbenzene | Ave | 5.269 | 6.052 | | 23.0 | 20.0 | 14.8 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 2.426 | 2.653 | 0.6000 | 21.9 | 20.0 | 9.3 | 30.0 |
| 4-Isopropyltoluene | Ave | 4.559 | 5.211 | | 22.9 | 20.0 | 14.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 2.528 | 2.740 | 0.5000 | 21.7 | 20.0 | 8.4 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 4.695 | 5.114 | | 21.8 | 20.0 | 8.9 | 30.0 |
| Benzyl chloride | Ave | 2.540 | 2.534 | | 20.0 | 20.0 | -0.2 | 30.0 |
| Indan | Ave | 4.464 | 4.725 | | 21.2 | 20.0 | 5.9 | 30.0 |
| p-Diethylbenzene | Ave | 2.848 | 3.181 | | 22.3 | 20.0 | 11.7 | 30.0 |
| n-Butylbenzene | Ave | 2.460 | 2.786 | | 22.6 | 20.0 | 13.2 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 2.476 | 2.737 | 0.4000 | 22.1 | 20.0 | 10.5 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 4.906 | 5.250 | | 21.4 | 20.0 | 7.0 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.2565 | 0.2651 | 0.0500 | 20.7 | 20.0 | 3.3 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 2.105 | 2.187 | | 20.8 | 20.0 | 3.9 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 1.770 | 2.031 | 0.2000 | 23.0 | 20.0 | 14.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.7714 | 0.8417 | | 21.8 | 20.0 | 9.1 | 30.0 |
| Naphthalene | Ave | 3.787 | 4.418 | | 23.3 | 20.0 | 16.6 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 1.475 | 1.710 | | 23.2 | 20.0 | 16.0 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab Sample ID: ICV 460-1016764/18  Calibration Date: 01/16/2025 09:12

Instrument ID: CVOAMS6  Calib Start Date: 01/16/2025 04:11

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 01/16/2025 06:11

Lab File ID: F43700.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 |
|---|---|---|---|---|---|---|---|---|
| Dibromofluoromethane (Surr) | Ave | 0.2780 | 0.2805 | | 50.5 | 50.0 | 0.9 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.3012 | 0.2998 | | 49.8 | 50.0 | -0.5 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.359 | 1.402 | | 51.6 | 50.0 | 3.2 | 30.0 |
| 4-Bromofluorobenzene | Ave | 0.4320 | 0.4265 | | 49.4 | 50.0 | -1.3 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43700.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 16-Jan-2025 09:12:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0185847-018
Operator ID: Instrument ID: CVOAMS6
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 14:55:32 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: NN6A Date: 17-Jan-2025 14:55:37

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.266 | 1.258 | 0.008 | 98 | 86027 | 20.0 | 15.1 | |
| 2 Chloromethane | 50 | 1.406 | 1.397 | 0.009 | 99 | 97951 | 20.0 | 16.1 | |
| 3 Vinyl chloride | 62 | 1.480 | 1.471 | 0.009 | 99 | 97521 | 20.0 | 19.4 | |
| 4 Butadiene | 54 | 1.496 | 1.488 | 0.008 | 96 | 106575 | 20.0 | 20.4 | |
| 5 Bromomethane | 94 | 1.710 | 1.701 | 0.009 | 99 | 64962 | 20.0 | 19.2 | |
| 6 Chloroethane | 64 | 1.759 | 1.751 | 0.008 | 100 | 62163 | 20.0 | 18.7 | |
| 7 Dichlorofluoromethane | 67 | 1.890 | 1.890 | 0.000 | 99 | 198264 | 20.0 | 20.7 | |
| 8 Trichlorofluoromethane | 101 | 1.907 | 1.899 | 0.008 | 99 | 130396 | 20.0 | 21.0 | |
| 9 Pentane | 72 | 1.923 | 1.923 | 0.000 | 94 | 28775 | 40.0 | 38.8 | |
| 10 Ethanol | 46 | 2.022 | 2.014 | 0.008 | 100 | 4685 | 800.0 | 1060.8 | M |
| 11 Ethyl ether | 59 | 2.063 | 2.063 | 0.000 | 97 | 67357 | 20.0 | 20.3 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.088 | 2.088 | 0.000 | 95 | 78473 | 20.0 | 20.4 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.096 | 2.096 | 0.000 | 94 | 79873 | 20.0 | 20.5 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.137 | 2.137 | 0.000 | 96 | 131592 | 20.0 | 20.1 | |
| 16 Acrolein | 56 | 2.203 | 2.203 | 0.000 | 95 | 13776 | 39.5 | 26.0 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.203 | 2.203 | 0.000 | 97 | 102952 | 20.0 | 22.4 | |
| 17 1,1-Dichloroethene | 96 | 2.235 | 2.236 | -0.001 | 98 | 98758 | 20.0 | 21.3 | |
| 18 Acetone | 43 | 2.293 | 2.293 | 0.000 | 87 | 109929 | 100.0 | 107.7 | |
| 19 Isopropyl alcohol | 45 | 2.342 | 2.334 | 0.008 | 98 | 26070 | 200.0 | 193.9 | |
| 20 Iodomethane | 142 | 2.367 | 2.359 | 0.008 | 98 | 189081 | 20.0 | 21.7 | |
| 21 Carbon disulfide | 76 | 2.400 | 2.392 | 0.008 | 99 | 322023 | 20.0 | 21.5 | |
| 23 3-Chloro-1-propene | 41 | 2.482 | 2.474 | 0.008 | 89 | 157001 | 20.0 | 20.2 | |
| 22 Methyl acetate | 43 | 2.474 | 2.474 | 0.000 | 78 | 98506 | 40.0 | 41.2 | |
| 24 Cyclopentene | 67 | 2.498 | 2.498 | 0.000 | 94 | 184689 | 20.0 | 19.8 | |
| 32 Acetonitrile | 41 | 2.523 | 2.523 | 0.000 | 98 | 84050 | 200.0 | 219.1 | Ma |
| * 25 TBA-d9 (IS) | 46 | 2.548 | 2.540 | 0.008 | 100 | 56946 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.581 | 2.572 | 0.009 | 90 | 112808 | 20.0 | 20.9 | |
| 27 2-Methyl-2-propanol | 59 | 2.605 | 2.597 | 0.008 | 98 | 63532 | 200.0 | 220.8 | |
| 28 Methyl tert-butyl ether | 73 | 2.696 | 2.696 | 0.000 | 97 | 272040 | 20.0 | 21.1 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.728 | 2.729 | -0.001 | 95 | 104090 | 20.0 | 21.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Acrylonitrile | 53 | 2.778 | 2.778 | 0.000 | 94 | 295625 | 200.0 | 219.7 | |
| 31 Hexane | 43 | 2.852 | 2.844 | 0.008 | 92 | 61217 | 20.0 | 22.9 | |
| 33 Isopropyl ether | 45 | 3.008 | 3.000 | 0.008 | 97 | 252361 | 20.0 | 20.1 | |
| 34 Vinyl acetate | 86 | 3.049 | 3.041 | 0.008 | 100 | 29972 | 40.0 | 41.6 | |
| 35 1,1-Dichloroethane | 63 | 3.049 | 3.049 | 0.000 | 98 | 181567 | 20.0 | 21.8 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.090 | 3.082 | 0.008 | 90 | 81384 | 20.0 | 20.2 | |
| 37 Tert-butyl ethyl ether | 59 | 3.263 | 3.263 | 0.000 | 89 | 275860 | 20.0 | 20.3 | |
| * 38 2-Butanone-d5 | 46 | 3.435 | 3.435 | 0.000 | 97 | 205480 | 250.0 | 250.0 | |
| 39 2,2-Dichloropropane | 97 | 3.460 | 3.460 | 0.000 | 96 | 31817 | 20.0 | 21.0 | |
| 40 Ethyl acetate | 70 | 3.476 | 3.476 | 0.000 | 91 | 14458 | 40.0 | 38.0 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.476 | 3.476 | 0.000 | 93 | 111771 | 20.0 | 21.5 | |
| 42 2-Butanone (MEK) | 72 | 3.484 | 3.476 | 0.008 | 97 | 40851 | 100.0 | 100.0 | |
| 43 Methyl acrylate | 55 | 3.526 | 3.526 | 0.000 | 99 | 52005 | 20.0 | 20.4 | |
| 44 Propionitrile | 54 | 3.591 | 3.591 | 0.000 | 99 | 107384 | 200.0 | 215.5 | |
| 45 Chlorobromomethane | 128 | 3.673 | 3.665 | 0.008 | 91 | 51831 | 20.0 | 21.0 | |
| 46 Tetrahydrofuran | 42 | 3.673 | 3.665 | 0.008 | 73 | 52373 | 40.0 | 41.1 | |
| 47 Methacrylonitrile | 67 | 3.682 | 3.682 | 0.000 | 91 | 296182 | 200.0 | 211.1 | |
| 48 Chloroform | 83 | 3.706 | 3.706 | 0.000 | 99 | 168400 | 20.0 | 21.0 | |
| 49 Cyclohexane | 84 | 3.830 | 3.830 | 0.000 | 91 | 146284 | 20.0 | 22.9 | |
| 51 1,1,1-Trichloroethane | 97 | 3.838 | 3.838 | 0.000 | 98 | 148668 | 20.0 | 21.2 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.838 | 3.838 | 0.000 | 96 | 127817 | 50.0 | 50.5 | |
| 52 Carbon tetrachloride | 117 | 3.945 | 3.945 | 0.000 | 99 | 123066 | 20.0 | 21.4 | |
| 53 1,1-Dichloropropene | 75 | 3.969 | 3.961 | 0.008 | 98 | 123172 | 20.0 | 21.1 | |
| 54 Isobutyl alcohol | 43 | 4.035 | 4.035 | 0.000 | 96 | 60673 | 500.0 | 561.3 | |
| 134 Isooctane | 57 | 4.101 | 4.101 | 0.000 | 0 | 325537 | 20.0 | 21.5 | |
| 55 Benzene | 78 | 4.142 | 4.134 | 0.008 | 96 | 357405 | 20.0 | 21.2 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.150 | 0.000 | 92 | 136598 | 50.0 | 49.8 | |
| 57 Isopropyl acetate | 61 | 4.158 | 4.158 | 0.000 | 98 | 28900 | 20.0 | 20.5 | |
| 58 Tert-amyl methyl ether | 73 | 4.183 | 4.175 | 0.008 | 92 | 274922 | 20.0 | 20.5 | |
| 59 1,2-Dichloroethane | 62 | 4.216 | 4.208 | 0.008 | 98 | 112866 | 20.0 | 20.9 | |
| 60 n-Heptane | 57 | 4.257 | 4.257 | 0.000 | 91 | 50259 | 20.0 | 22.0 | |
| * 61 Fluorobenzene | 96 | 4.388 | 4.380 | 0.008 | 99 | 455678 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.618 | 4.618 | 0.000 | 89 | 44776 | 500.0 | 525.2 | |
| 63 Trichloroethene | 95 | 4.692 | 4.692 | 0.000 | 99 | 95640 | 20.0 | 21.4 | |
| 64 Ethyl acrylate | 55 | 4.807 | 4.799 | 0.008 | 98 | 193054 | 20.0 | 20.8 | |
| 65 Methylcyclohexane | 83 | 4.816 | 4.807 | 0.009 | 95 | 162620 | 20.0 | 22.2 | |
| 66 1,2-Dichloropropane | 63 | 4.955 | 4.955 | 0.000 | 93 | 85898 | 20.0 | 21.3 | |
| * 67 1,4-Dioxane-d8 | 96 | 4.996 | 4.996 | 0.000 | 43 | 17749 | 1000.0 | 1000.0 | a |
| 68 Methyl methacrylate | 100 | 5.005 | 5.005 | 0.000 | 84 | 32956 | 40.0 | 39.3 | |
| 69 1,4-Dioxane | 88 | 5.054 | 5.046 | 0.008 | 29 | 14698 | 400.0 | 449.1 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.054 | 0.000 | 98 | 68872 | 20.0 | 18.0 | |
| 71 Dibromomethane | 93 | 5.070 | 5.070 | 0.000 | 97 | 58222 | 20.0 | 21.2 | |
| 72 Dichlorobromomethane | 83 | 5.202 | 5.202 | 0.000 | 100 | 111658 | 20.0 | 20.9 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.506 | 5.498 | 0.008 | 74 | 36007 | 20.0 | 18.5 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.506 | 0.000 | 83 | 29141 | 40.0 | 34.5 | |
| 75 Epichlorohydrin | 57 | 5.604 | 5.604 | 0.000 | 91 | 6792 | 20.0 | 21.2 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 92 | 124394 | 20.0 | 20.6 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.802 | 5.802 | 0.000 | 96 | 337112 | 100.0 | 100.2 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.884 | 0.008 | 99 | 415034 | 50.0 | 51.6 | |
| 79 Toluene | 91 | 5.958 | 5.958 | 0.000 | 93 | 329476 | 20.0 | 21.6 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.278 | 0.000 | 99 | 104701 | 20.0 | 21.6 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.295 | 0.008 | 88 | 89465 | 20.0 | 21.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.484 | 0.000 | 97 | 55229 | 20.0 | 21.7 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 96 | 82875 | 20.0 | 22.0 | |
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.681 | 0.000 | 92 | 102132 | 20.0 | 20.8 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 95 | 235954 | 100.0 | 98.4 | |
| 86 n-Butyl acetate | 43 | 6.837 | 6.837 | 0.000 | 99 | 101127 | 20.0 | 20.6 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.903 | 0.000 | 98 | 70359 | 20.0 | 20.9 | |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.051 | 0.000 | 98 | 65758 | 20.0 | 20.7 | |
| * 89 Chlorobenzene-d5 | 117 | 7.601 | 7.601 | 0.000 | 86 | 295984 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.642 | 7.642 | 0.000 | 95 | 211964 | 20.0 | 21.2 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.757 | 0.000 | 98 | 110661 | 20.0 | 21.1 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.774 | 7.774 | 0.000 | 95 | 89941 | 20.0 | 22.3 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 137125 | 20.0 | 20.9 | |
| 94 n-Butyl acrylate | 73 | 8.447 | 8.448 | -0.001 | 97 | 70283 | 20.0 | 21.6 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 93 | 157013 | 20.0 | 22.1 | |
| 96 Styrene | 104 | 8.489 | 8.489 | 0.000 | 95 | 226412 | 20.0 | 21.6 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 162017 | 20.0 | 20.6 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 96 | 42801 | 20.0 | 20.5 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 430910 | 20.0 | 24.1 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 91 | 126230 | 50.0 | 49.4 | |
| 101 Bromobenzene | 156 | 9.105 | 9.105 | 0.000 | 99 | 98455 | 20.0 | 19.8 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.146 | 0.000 | 98 | 94195 | 20.0 | 20.1 | |
| 103 N-Propylbenzene | 91 | 9.171 | 9.162 | 0.009 | 99 | 483489 | 20.0 | 22.0 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.187 | 0.000 | 98 | 26445 | 20.0 | 19.0 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.203 | 0.000 | 80 | 17530 | 20.0 | 20.0 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.253 | 0.000 | 97 | 346724 | 20.0 | 21.3 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.261 | 0.000 | 97 | 382296 | 20.0 | 20.8 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.310 | 9.310 | 0.000 | 93 | 391078 | 20.0 | 22.8 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.343 | 0.000 | 97 | 304013 | 20.0 | 20.3 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.392 | 0.000 | 89 | 148383 | 20.0 | 21.7 | |
| 111 tert-Butylbenzene | 119 | 9.540 | 9.532 | 0.008 | 94 | 337889 | 20.0 | 23.0 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.581 | 9.581 | 0.000 | 98 | 395378 | 20.0 | 22.2 | |
| 113 sec-Butylbenzene | 105 | 9.696 | 9.688 | 0.008 | 99 | 494514 | 20.0 | 23.0 | |
| 114 4-Isopropyltoluene | 119 | 9.795 | 9.779 | 0.016 | 97 | 425789 | 20.0 | 22.9 | |
| 115 1,3-Dichlorobenzene | 146 | 9.795 | 9.787 | 0.008 | 75 | 216817 | 20.0 | 21.9 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.844 | 9.836 | 0.008 | 95 | 204293 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.861 | 9.844 | 0.017 | 94 | 223910 | 20.0 | 21.7 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.869 | 9.861 | 0.008 | 98 | 417902 | 20.0 | 21.8 | |
| 119 Benzyl chloride | 91 | 9.959 | 9.943 | 0.016 | 99 | 207036 | 20.0 | 20.0 | |
| 120 2,3-Dihydroindene | 117 | 10.000 | 9.984 | 0.016 | 94 | 386128 | 20.0 | 21.2 | |
| 121 p-Diethylbenzene | 119 | 10.033 | 10.025 | 0.008 | 95 | 259917 | 20.0 | 22.3 | |
| 122 n-Butylbenzene | 92 | 10.050 | 10.042 | 0.008 | 96 | 227636 | 20.0 | 22.6 | |
| 123 1,2-Dichlorobenzene | 146 | 10.099 | 10.083 | 0.016 | 96 | 223686 | 20.0 | 22.1 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.502 | 10.477 | 0.025 | 97 | 428980 | 20.0 | 21.4 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.576 | 10.551 | 0.025 | 97 | 21662 | 20.0 | 20.7 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.650 | 10.625 | 0.025 | 98 | 178717 | 20.0 | 20.8 | |
| 127 1,2,4-Trichlorobenzene | 180 | 11.019 | 10.987 | 0.032 | 94 | 166008 | 20.0 | 23.0 | |
| 128 Hexachlorobutadiene | 225 | 11.077 | 11.052 | 0.025 | 92 | 68778 | 20.0 | 21.8 | |
| 129 Naphthalene | 128 | 11.175 | 11.143 | 0.032 | 99 | 360987 | 20.0 | 23.3 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.323 | 11.299 | 0.024 | 96 | 139752 | 20.0 | 23.2 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 42.6 | |
| S 132 Total BTEX | 1 | | | | 0 | | 100.0 | 107.0 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 40.0 | 43.0 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| ACROLEIN SP_00173 | Amount Added: 4.00 | Units: uL | |
| 7 Freons SS_00022 | Amount Added: 20.00 | Units: uL | |
| 8260 SP_00188 | Amount Added: 20.00 | Units: uL | |
| GAS C SP_00604 | Amount Added: 20.00 | Units: uL | |
| VOA6IS/SURR_00078 | Amount Added: 5.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 14:55:38 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43700.D

Injection Date: 16-Jan-2025 09:12:30 Instrument ID: CVOAMS6 Operator ID:

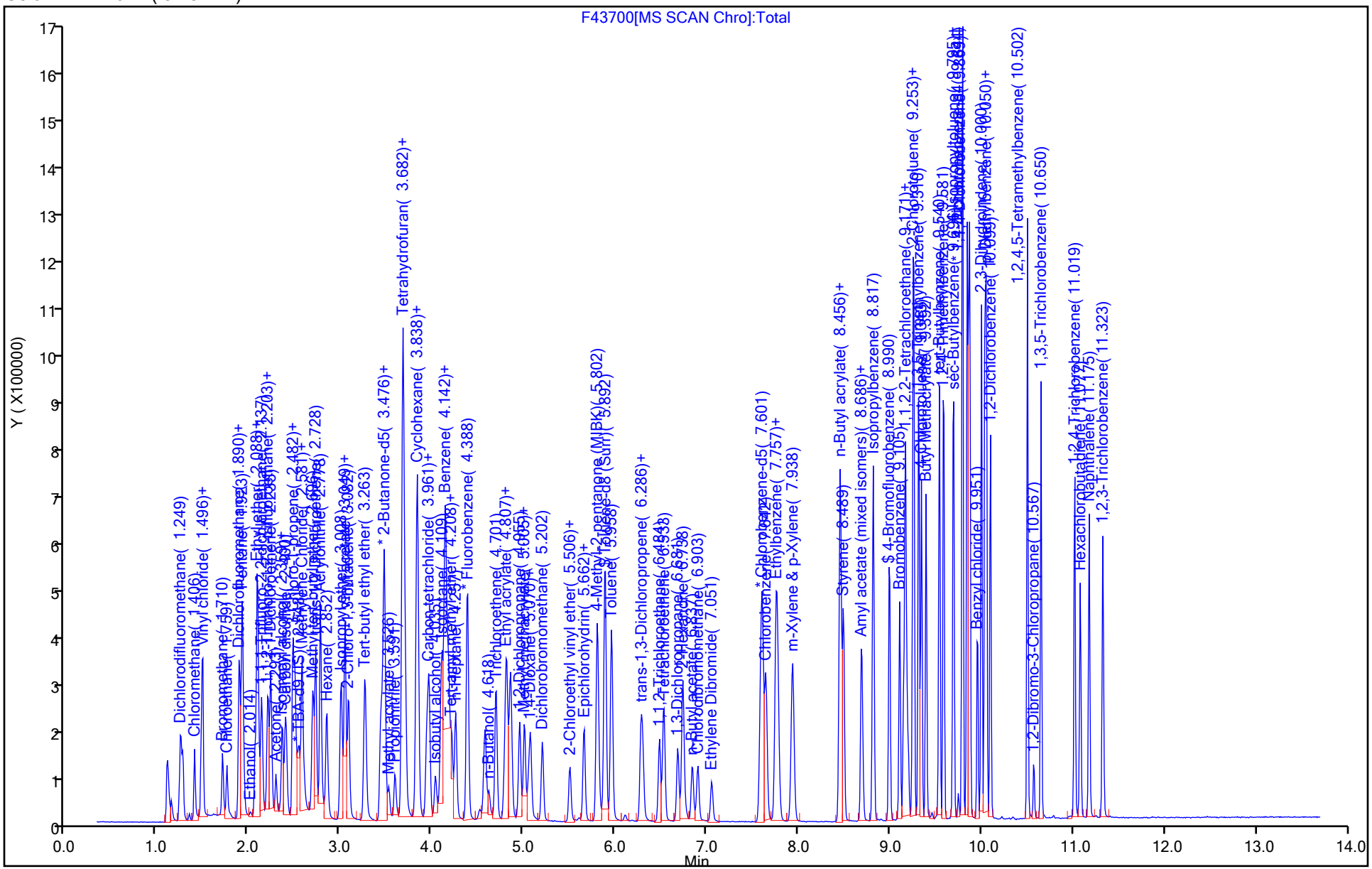
Lims ID: ICV Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

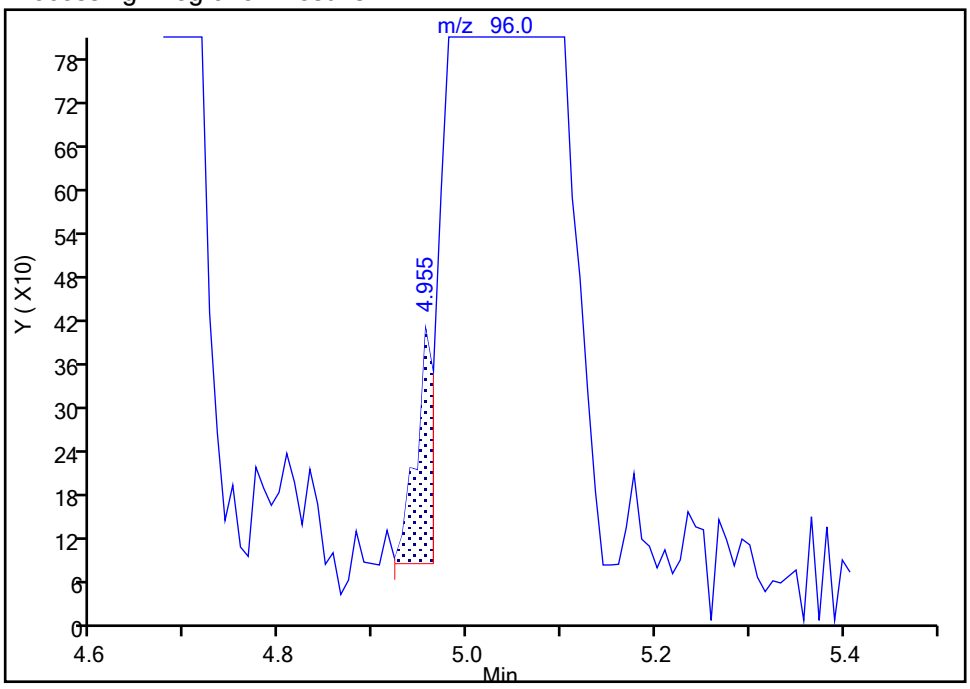
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43700.D
Injection Date: 16-Jan-2025 09:12:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## * 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

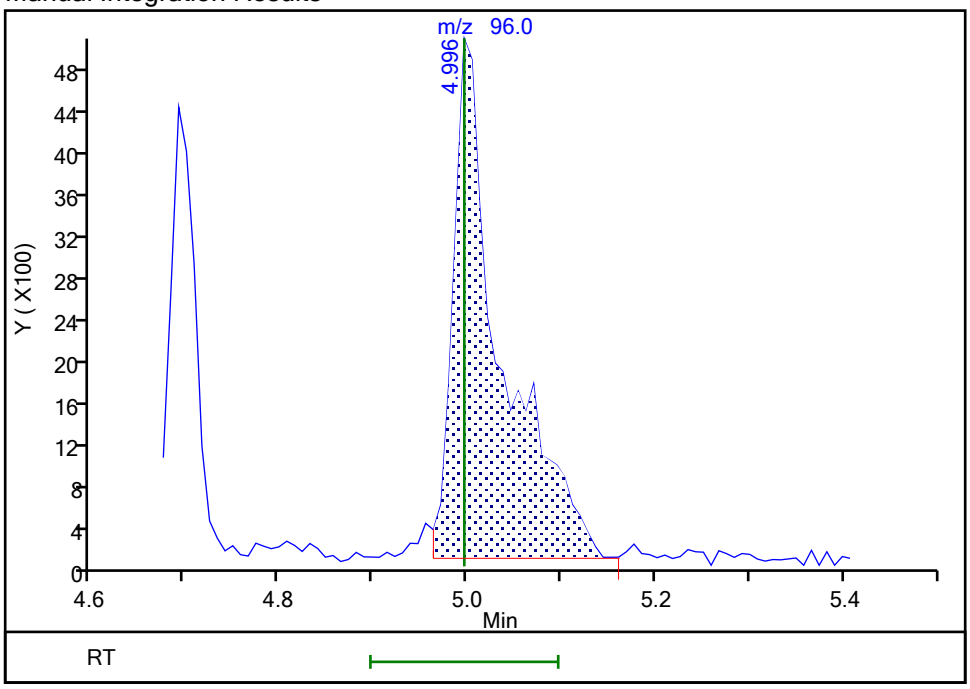
Processing Integration Results

RT: 4.96
Area: 443
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.00
Area: 17749
Amount: 1000.0000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:34:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

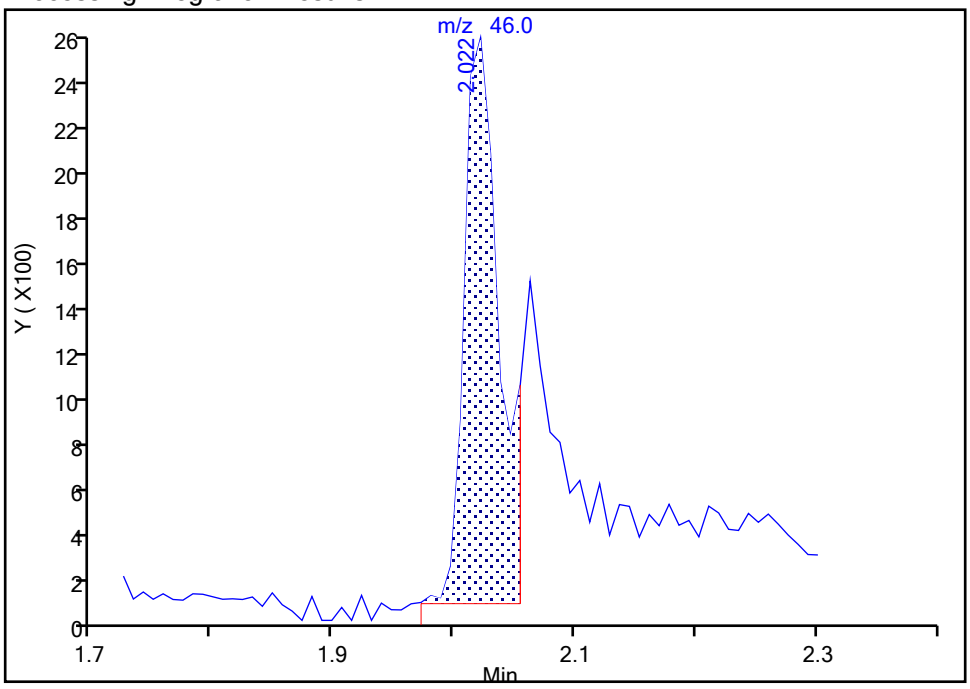
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43700.D
Injection Date: 16-Jan-2025 09:12:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Ethanol, CAS: 64-17-5

Signal: 1

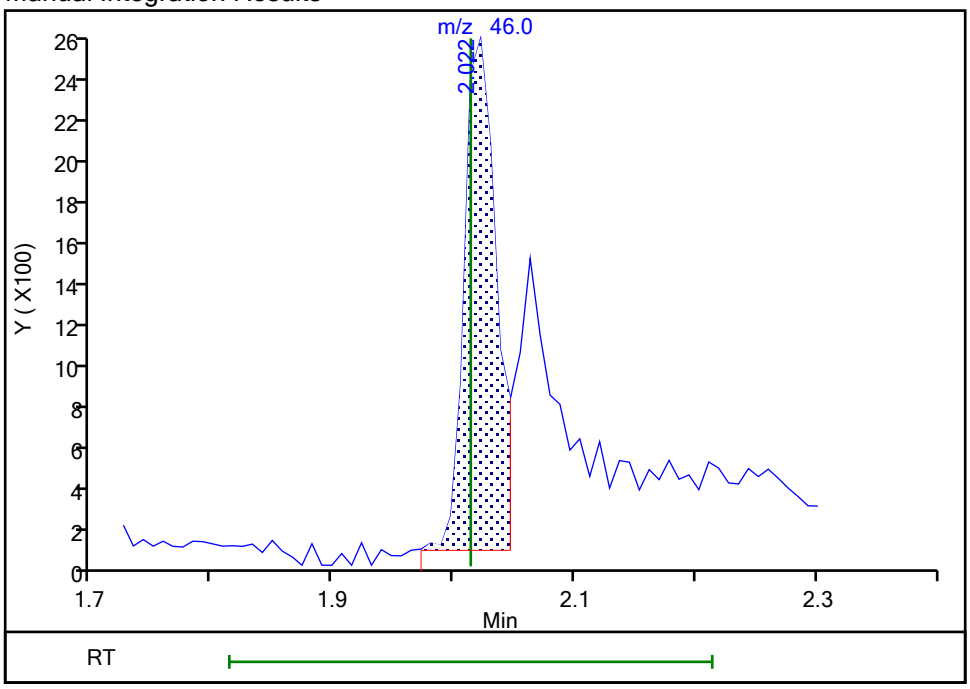
Processing Integration Results

RT: 2.02
Area: 5158
Amount: 1167.8856
Amount Units: ug/l




Manual Integration Results

RT: 2.02
Area: 4685
Amount: 1060.7879
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:37:16 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

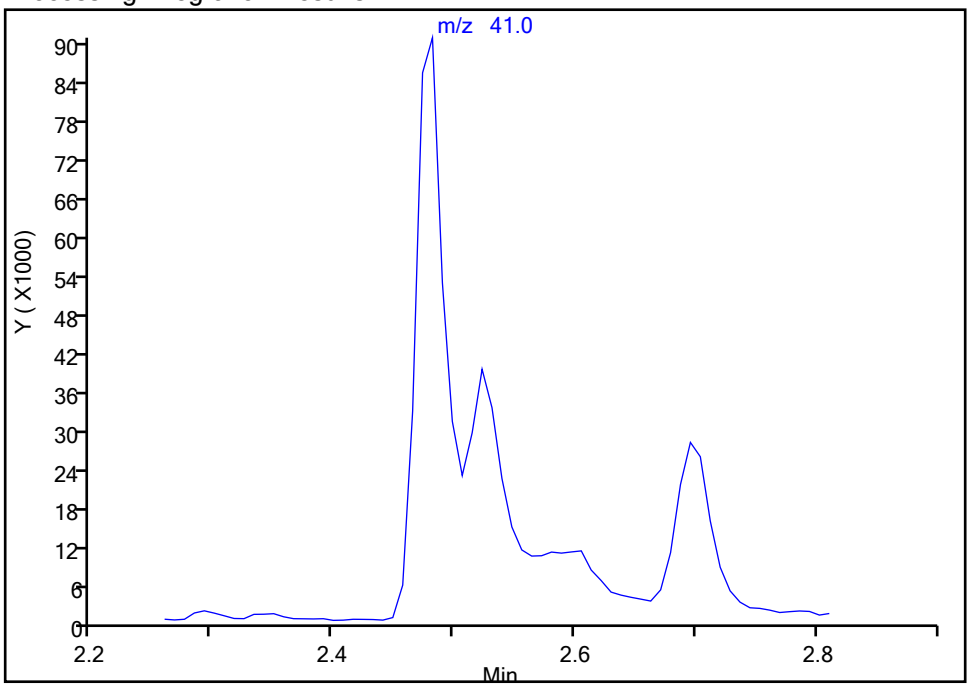
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43700.D
Injection Date: 16-Jan-2025 09:12:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Signal: 1

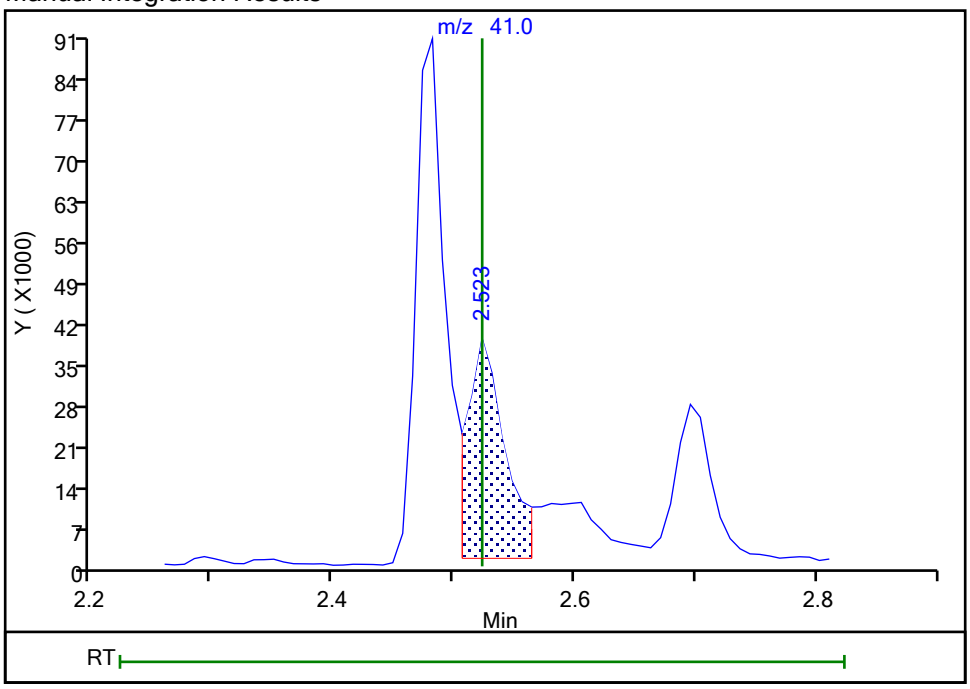
Not Detected
Expected RT: 2.52

Processing Integration Results




Manual Integration Results

RT: 2.52
Area: 84050
Amount: 219.0770
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 13:35:09 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024987/4 Calibration Date: 03/10/2025 07:27

Instrument ID: CVOAMS6 Calib Start Date: 01/16/2025 04:11

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/16/2025 06:11

Lab File ID: F45173.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 |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 0.6251 | 0.9354 | 0.1000 | 29.9 | 20.0 | 49.6* | 20.0 |
| Chloromethane | Ave | 0.6672 | 0.8022 | 0.1000 | 24.0 | 20.0 | 20.2* | 20.0 |
| Vinyl chloride | Ave | 0.5523 | 0.6616 | 0.1000 | 24.0 | 20.0 | 19.8 | 20.0 |
| Butadiene | Ave | 0.5739 | 0.7162 | | 25.0 | 20.0 | 24.8* | 20.0 |
| Bromomethane | Ave | 0.3712 | 0.3980 | 0.1000 | 21.4 | 20.0 | 7.2 | 50.0 |
| Chloroethane | Ave | 0.3645 | 0.3900 | 0.1000 | 21.4 | 20.0 | 7.0 | 50.0 |
| Dichlorofluoromethane | Ave | 1.053 | 1.089 | | 20.7 | 20.0 | 3.4 | 20.0 |
| Pentane | Ave | 0.9025 | 1.176 | | 52.1 | 40.0 | 30.3* | 20.0 |
| Trichlorofluoromethane | Ave | 0.6825 | 0.7456 | 0.1000 | 21.8 | 20.0 | 9.2 | 20.0 |
| Ethanol | Ave | 0.0776 | 0.2163 | | 2230 | 800 | 178.9* | 50.0 |
| Ethyl ether | Ave | 0.3649 | 0.3483 | | 19.1 | 20.0 | -4.5 | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.4228 | 0.4911 | | 23.2 | 20.0 | 16.2 | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.4284 | 0.5061 | | 23.6 | 20.0 | 18.1 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.7183 | 0.8803 | | 24.5 | 20.0 | 22.6* | 20.0 |
| Acrolein | Ave | 9.322 | 8.243 | | 35.4 | 40.0 | -11.6 | 50.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.5038 | 0.6326 | 0.1000 | 25.1 | 20.0 | 25.6* | 20.0 |
| 1,1-Dichloroethene | Ave | 0.5091 | 0.5275 | 0.1000 | 20.7 | 20.0 | 3.6 | 20.0 |
| Acetone | Ave | 17.92 | 19.54 | 0.0500 | 109 | 100 | 9.0 | 50.0 |
| Isopropyl alcohol | Ave | 2.361 | 2.395 | | 203 | 200 | 1.4 | 50.0 |
| Iodomethane | Ave | 0.9569 | 0.9286 | | 19.4 | 20.0 | -3.0 | 20.0 |
| Carbon disulfide | Ave | 1.641 | 1.926 | 0.1000 | 23.5 | 20.0 | 17.4 | 50.0 |
| Methyl acetate | Ave | 41.98 | 48.86 | 0.0500 | 46.5 | 40.0 | 16.4 | 20.0 |
| 3-Chloro-1-propene | Ave | 0.8539 | 1.058 | | 24.8 | 20.0 | 23.9* | 20.0 |
| Acetonitrile | Ave | 6.737 | 9.672 | | 287 | 200 | 43.6* | 20.0 |
| Cyclopentene | Ave | 1.024 | 1.556 | | 30.4 | 20.0 | 52.0* | 20.0 |
| Methylene Chloride | Ave | 0.5933 | 0.5698 | 0.1000 | 19.2 | 20.0 | -3.9 | 20.0 |
| 2-Methyl-2-propanol | Ave | 5.052 | 6.526 | | 258 | 200 | 29.2 | 50.0 |
| Methyl tert-butyl ether | Ave | 1.412 | 1.384 | 0.1000 | 19.6 | 20.0 | -2.0 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.5419 | 0.5193 | 0.1000 | 19.2 | 20.0 | -4.2 | 20.0 |
| Acrylonitrile | Ave | 0.1476 | 0.1365 | | 185 | 200 | -7.5 | 20.0 |
| Hexane | Ave | 0.2929 | 0.4745 | | 32.4 | 20.0 | 62.0* | 20.0 |
| Isopropyl ether | Ave | 1.376 | 1.642 | | 23.9 | 20.0 | 19.3 | 20.0 |
| Vinyl acetate | Ave | 0.0791 | 0.0726 | | 36.7 | 40.0 | -8.2 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.9134 | 0.9426 | 0.2000 | 20.6 | 20.0 | 3.2 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.4415 | 0.4472 | | 20.3 | 20.0 | 1.3 | 20.0 |
| Tert-butyl ethyl ether | Ave | 1.489 | 1.548 | | 20.8 | 20.0 | 4.0 | 20.0 |
| Ethyl acetate | Ave | 6.684 | 7.854 | | 47.0 | 40.0 | 17.5 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.1662 | 0.2014 | | 24.2 | 20.0 | 21.2* | 20.0 |
| 2-Butanone (MEK) | Ave | 0.4968 | 0.4488 | 0.0500 | 90.3 | 100 | -9.7 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024987/4 Calibration Date: 03/10/2025 07:27

Instrument ID: CVOAMS6 Calib Start Date: 01/16/2025 04:11

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/16/2025 06:11

Lab File ID: F45173.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 | 0.5697 | 0.5247 | 0.1000 | 18.4 | 20.0 | -7.9 | 20.0 |
| Methyl acrylate | Ave | 0.4300 | 0.4056 | | 18.9 | 20.0 | -5.7 | 20.0 |
| Propionitrile | Ave | 8.749 | 8.787 | | 201 | 200 | 0.4 | 20.0 |
| Tetrahydrofuran | Ave | 22.37 | 24.10 | | 43.1 | 40.0 | 7.7 | 20.0 |
| Chlorobromomethane | Ave | 0.2714 | 0.2419 | | 17.8 | 20.0 | -10.9 | 20.0 |
| Methacrylonitrile | Ave | 0.1539 | 0.1396 | | 181 | 200 | -9.3 | 20.0 |
| Chloroform | Ave | 0.8784 | 0.8562 | 0.2000 | 19.5 | 20.0 | -2.5 | 20.0 |
| Cyclohexane | Ave | 0.7009 | 0.9114 | 0.1000 | 26.0 | 20.0 | 30.0 | 50.0 |
| 1,1,1-Trichloroethane | Ave | 0.7704 | 0.8445 | 0.1000 | 21.9 | 20.0 | 9.6 | 20.0 |
| Carbon tetrachloride | Ave | 0.6308 | 0.7191 | 0.1000 | 22.8 | 20.0 | 14.0 | 20.0 |
| 1,1-Dichloropropene | Ave | 0.6391 | 0.6726 | | 21.0 | 20.0 | 5.2 | 20.0 |
| Isobutyl alcohol | Ave | 1.898 | 1.683 | | 443 | 500 | -11.3 | 50.0 |
| Isooctane | Ave | 1.660 | 2.099 | | 25.3 | 20.0 | 26.5* | 20.0 |
| Benzene | Ave | 2.845 | 2.717 | 0.5000 | 19.1 | 20.0 | -4.5 | 20.0 |
| Isopropyl acetate | Lin2 | | 0.1672 | | 21.7 | 20.0 | 8.4 | 20.0 |
| Tert-amyl methyl ether | Ave | 1.469 | 1.513 | | 20.6 | 20.0 | 3.0 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.5914 | 0.5798 | 0.1000 | 19.6 | 20.0 | -2.0 | 20.0 |
| n-Heptane | Ave | 0.2507 | 0.4154 | | 33.1 | 20.0 | 65.7* | 20.0 |
| n-Butanol | Ave | 1.497 | 1.371 | | 458 | 500 | -8.4 | 50.0 |
| Trichloroethene | Ave | 0.4908 | 0.4638 | 0.2000 | 18.9 | 20.0 | -5.5 | 20.0 |
| Ethyl acrylate | Ave | 1.018 | 1.446 | | 28.4 | 20.0 | 42.1* | 20.0 |
| Methylcyclohexane | Ave | 0.8055 | 1.019 | 0.1000 | 25.3 | 20.0 | 26.6 | 50.0 |
| 1,2-Dichloropropane | Ave | 0.4435 | 0.4739 | 0.1000 | 21.4 | 20.0 | 6.8 | 20.0 |
| Methyl methacrylate | Ave | 0.0920 | 0.0852 | | 37.0 | 40.0 | -7.4 | 20.0 |
| n-Propyl acetate | Ave | 0.4205 | 0.4212 | | 20.0 | 20.0 | 0.2 | 20.0 |
| 1,4-Dioxane | Ave | 1.844 | 2.074 | | 450 | 400 | 12.5 | 50.0 |
| Dibromomethane | Ave | 0.3013 | 0.2687 | | 17.8 | 20.0 | -10.8 | 20.0 |
| Dichlorobromomethane | Ave | 0.5853 | 0.5611 | 0.2000 | 19.2 | 20.0 | -4.1 | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.2138 | 0.2188 | | 20.5 | 20.0 | 2.3 | 20.0 |
| 2-Nitropropane | Ave | 0.0926 | 0.0817 | | 35.3 | 40.0 | -11.7 | 20.0 |
| Epichlorohydrin | Ave | 5.617 | 5.968 | | 425 | 400 | 6.2 | 20.0 |
| cis-1,3-Dichloropropene | Ave | 1.020 | 0.9855 | 0.2000 | 19.3 | 20.0 | -3.4 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 4.095 | 4.328 | 0.0500 | 106 | 100 | 5.7 | 50.0 |
| Toluene | Ave | 2.571 | 2.688 | 0.4000 | 20.9 | 20.0 | 4.5 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.8199 | 0.8000 | 0.1000 | 19.5 | 20.0 | -2.4 | 50.0 |
| Ethyl methacrylate | Ave | 0.7170 | 0.6902 | | 19.3 | 20.0 | -3.7 | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.4290 | 0.4363 | 0.1000 | 20.3 | 20.0 | 1.7 | 20.0 |
| Tetrachloroethene | Ave | 0.6363 | 0.6266 | 0.2000 | 19.7 | 20.0 | -1.5 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.8290 | 0.8484 | | 20.5 | 20.0 | 2.3 | 20.0 |
| 2-Hexanone | Ave | 2.918 | 2.596 | 0.0500 | 89.0 | 100 | -11.0 | 50.0 |
| n-Butyl acetate | Ave | 0.8280 | 0.7420 | | 17.9 | 20.0 | -10.4 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024987/4 Calibration Date: 03/10/2025 07:27

Instrument ID: CVOAMS6 Calib Start Date: 01/16/2025 04:11

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/16/2025 06:11

Lab File ID: F45173.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 |
|---|---|---|---|---|---|---|---|---|
| Chlorodibromomethane | Ave | 0.5692 | 0.5248 | 0.1000 | 18.4 | 20.0 | -7.8 | 50.0 |
| Ethylene Dibromide | Ave | 0.5379 | 0.4753 | 0.1000 | 17.7 | 20.0 | -11.6 | 20.0 |
| Chlorobenzene | Ave | 1.686 | 1.650 | 0.5000 | 19.6 | 20.0 | -2.1 | 20.0 |
| Ethylbenzene | Ave | 0.8854 | 0.9428 | 0.1000 | 21.3 | 20.0 | 6.5 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.6825 | 0.6636 | | 19.4 | 20.0 | -2.8 | 20.0 |
| m-Xylene & p-Xylene | Ave | 1.108 | 1.149 | 0.1000 | 20.7 | 20.0 | 3.7 | 20.0 |
| n-Butyl acrylate | Ave | 0.5500 | 0.4293 | | 15.6 | 20.0 | -21.9* | 20.0 |
| o-Xylene | Ave | 1.199 | 1.237 | 0.3000 | 20.6 | 20.0 | 3.1 | 20.0 |
| Styrene | Ave | 1.770 | 1.811 | 0.3000 | 20.5 | 20.0 | 2.3 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 1.920 | 1.824 | | 19.0 | 20.0 | -5.0 | 20.0 |
| Bromoform | Ave | 0.3522 | 0.3159 | 0.1000 | 17.9 | 20.0 | -10.3 | 20.0 |
| Isopropylbenzene | Ave | 3.027 | 3.028 | 0.1000 | 20.0 | 20.0 | 0.0 | 20.0 |
| Bromobenzene | Ave | 1.215 | 1.222 | | 20.1 | 20.0 | 0.6 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.146 | 1.141 | 0.3000 | 19.9 | 20.0 | -0.5 | 20.0 |
| N-Propylbenzene | Ave | 5.378 | 6.519 | | 24.2 | 20.0 | 21.2* | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.3402 | 0.3227 | | 19.0 | 20.0 | -5.1 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.2144 | 0.2672 | | 24.9 | 20.0 | 24.6* | 20.0 |
| 2-Chlorotoluene | Ave | 3.980 | 4.628 | | 23.3 | 20.0 | 16.3 | 20.0 |
| 4-Ethyltoluene | Ave | 4.488 | 5.283 | | 23.5 | 20.0 | 17.7 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 4.198 | 4.859 | | 23.2 | 20.0 | 15.8 | 20.0 |
| 4-Chlorotoluene | Ave | 3.674 | 4.080 | | 22.2 | 20.0 | 11.1 | 20.0 |
| Butyl Methacrylate | Ave | 1.670 | 1.653 | | 19.8 | 20.0 | -1.0 | 20.0 |
| tert-Butylbenzene | Ave | 3.588 | 3.811 | | 21.2 | 20.0 | 6.2 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 4.365 | 4.927 | | 22.6 | 20.0 | 12.9 | 20.0 |
| sec-Butylbenzene | Ave | 5.269 | 6.174 | | 23.4 | 20.0 | 17.2 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 2.426 | 2.499 | 0.6000 | 20.6 | 20.0 | 3.0 | 20.0 |
| 4-Isopropyltoluene | Ave | 4.559 | 5.374 | | 23.6 | 20.0 | 17.9 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 2.528 | 2.564 | 0.5000 | 20.3 | 20.0 | 1.4 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 4.695 | 5.371 | | 22.9 | 20.0 | 14.4 | 20.0 |
| Benzyl chloride | Ave | 2.540 | 2.335 | | 18.4 | 20.0 | -8.0 | 50.0 |
| Indan | Ave | 4.464 | 4.606 | | 20.6 | 20.0 | 3.2 | 20.0 |
| p-Diethylbenzene | Ave | 2.848 | 3.355 | | 23.6 | 20.0 | 17.8 | 20.0 |
| n-Butylbenzene | Ave | 2.460 | 2.877 | | 23.4 | 20.0 | 16.9 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 2.476 | 2.551 | 0.4000 | 20.6 | 20.0 | 3.0 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 4.906 | 5.407 | | 22.0 | 20.0 | 10.2 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.2565 | 0.2261 | 0.0500 | 17.6 | 20.0 | -11.8 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 2.105 | 2.235 | | 21.2 | 20.0 | 6.2 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 1.770 | 1.985 | 0.2000 | 22.4 | 20.0 | 12.2 | 20.0 |
| Hexachlorobutadiene | Ave | 0.7714 | 0.8681 | | 22.5 | 20.0 | 12.5 | 20.0 |
| Naphthalene | Ave | 3.787 | 3.969 | | 21.0 | 20.0 | 4.8 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 1.475 | 1.724 | | 23.4 | 20.0 | 16.9 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024987/4  Calibration Date: 03/10/2025 07:27

Instrument ID: CVOAMS6  Calib Start Date: 01/16/2025 04:11

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 01/16/2025 06:11

Lab File ID: F45173.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 |
|---|---|---|---|---|---|---|---|---|
| Dibromofluoromethane (Surr) | Ave | 0.2780 | 0.2647 | | 47.6 | 50.0 | -4.8 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.3012 | 0.3091 | | 51.3 | 50.0 | 2.6 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.359 | 1.457 | | 53.6 | 50.0 | 7.2 | 20.0 |
| 4-Bromofluorobenzene | Ave | 0.4320 | 0.4003 | | 46.3 | 50.0 | -7.3 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45173.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Mar-2025 07:27:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0187758-004
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub65

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 13:25:56 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: KG2Q Date: 10-Mar-2025 08:14:50

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.340 | 1.340 | 0.000 | 98 | 158720 | 20.0 | 29.9 | |
| 2 Chloromethane | 50 | 1.479 | 1.479 | 0.000 | 99 | 136117 | 20.0 | 24.0 | |
| 3 Vinyl chloride | 62 | 1.545 | 1.545 | 0.000 | 99 | 112255 | 20.0 | 24.0 | |
| 4 Butadiene | 54 | 1.553 | 1.553 | 0.000 | 97 | 121514 | 20.0 | 25.0 | |
| 5 Bromomethane | 94 | 1.775 | 1.775 | 0.000 | 99 | 67533 | 20.0 | 21.4 | |
| 6 Chloroethane | 64 | 1.808 | 1.808 | 0.000 | 100 | 66178 | 20.0 | 21.4 | |
| 7 Dichlorofluoromethane | 67 | 1.948 | 1.948 | 0.000 | 99 | 184720 | 20.0 | 20.7 | |
| 9 Pentane | 72 | 1.956 | 1.956 | 0.000 | 96 | 31530 | 40.0 | 52.1 | |
| 8 Trichlorofluoromethane | 101 | 1.973 | 1.973 | 0.000 | 100 | 126512 | 20.0 | 21.8 | |
| 10 Ethanol | 46 | 2.088 | 2.088 | 0.000 | 72 | 7555 | 800.0 | 2231.1 | |
| 11 Ethyl ether | 59 | 2.088 | 2.088 | 0.000 | 96 | 59105 | 20.0 | 19.1 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.112 | 2.112 | 0.000 | 97 | 83332 | 20.0 | 23.2 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.145 | 2.145 | 0.000 | 95 | 85871 | 20.0 | 23.6 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.178 | 2.178 | 0.000 | 94 | 149371 | 20.0 | 24.5 | |
| 16 Acrolein | 56 | 2.227 | 2.227 | 0.000 | 26 | 14397 | 40.0 | 35.4 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.252 | 2.252 | 0.000 | 96 | 107335 | 20.0 | 25.1 | |
| 17 1,1-Dichloroethene | 96 | 2.268 | 2.268 | 0.000 | 97 | 89509 | 20.0 | 20.7 | |
| 18 Acetone | 43 | 2.318 | 2.318 | 0.000 | 86 | 85300 | 100.0 | 109.0 | |
| 19 Isopropyl alcohol | 45 | 2.359 | 2.359 | 0.000 | 41 | 20910 | 200.0 | 202.9 | |
| 20 Iodomethane | 142 | 2.392 | 2.392 | 0.000 | 99 | 157554 | 20.0 | 19.4 | |
| 21 Carbon disulfide | 76 | 2.424 | 2.424 | 0.000 | 99 | 326874 | 20.0 | 23.5 | |
| 22 Methyl acetate | 43 | 2.498 | 2.498 | 0.000 | 99 | 85325 | 40.0 | 46.5 | |
| 32 Acetonitrile | 41 | 2.531 | 2.531 | 0.000 | 1 | 84460 | 200.0 | 287.1 | Ma |
| 23 3-Chloro-1-propene | 41 | 2.507 | 2.507 | 0.000 | 87 | 179477 | 20.0 | 24.8 | M |
| 24 Cyclopentene | 67 | 2.531 | 2.531 | 0.000 | 96 | 264002 | 20.0 | 30.4 | |
| * 25 TBA-d9 (IS) | 46 | 2.589 | 2.589 | 0.000 | 65 | 43662 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.605 | 2.605 | 0.000 | 94 | 96687 | 20.0 | 19.2 | |
| 27 2-Methyl-2-propanol | 59 | 2.630 | 2.630 | 0.000 | 91 | 56991 | 200.0 | 258.4 | a |
| 28 Methyl tert-butyl ether | 73 | 2.720 | 2.720 | 0.000 | 97 | 234810 | 20.0 | 19.6 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.753 | 2.753 | 0.000 | 98 | 88120 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 30 Acrylonitrile | 53 | 2.802 | 2.802 | 0.000 | 93 | 231673 | 200.0 | 185.0 | |
| 31 Hexane | 43 | 2.868 | 2.868 | 0.000 | 93 | 80509 | 20.0 | 32.4 | |
| 33 Isopropyl ether | 45 | 3.024 | 3.024 | 0.000 | 95 | 278527 | 20.0 | 23.9 | |
| 34 Vinyl acetate | 86 | 3.057 | 3.057 | 0.000 | 100 | 24642 | 40.0 | 36.7 | |
| 35 1,1-Dichloroethane | 63 | 3.074 | 3.074 | 0.000 | 99 | 159944 | 20.0 | 20.6 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.106 | 3.106 | 0.000 | 91 | 75876 | 20.0 | 20.3 | |
| 37 Tert-butyl ethyl ether | 59 | 3.287 | 3.287 | 0.000 | 89 | 262669 | 20.0 | 20.8 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 93 | 167528 | 250.0 | 250.0 | |
| 40 Ethyl acetate | 70 | 3.484 | 3.484 | 0.000 | 97 | 13717 | 40.0 | 47.0 | |
| 39 2,2-Dichloropropane | 97 | 3.493 | 3.493 | 0.000 | 96 | 34175 | 20.0 | 24.2 | |
| 42 2-Butanone (MEK) | 72 | 3.493 | 3.493 | 0.000 | 96 | 30072 | 100.0 | 90.3 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.493 | 3.493 | 0.000 | 93 | 89035 | 20.0 | 18.4 | |
| 43 Methyl acrylate | 55 | 3.534 | 3.534 | 0.000 | 98 | 47103 | 20.0 | 18.9 | a |
| 44 Propionitrile | 54 | 3.608 | 3.608 | 0.000 | 97 | 76735 | 200.0 | 200.9 | |
| 46 Tetrahydrofuran | 42 | 3.682 | 3.682 | 0.000 | 57 | 42089 | 40.0 | 43.1 | |
| 45 Chlorobromomethane | 128 | 3.690 | 3.690 | 0.000 | 91 | 41047 | 20.0 | 17.8 | |
| 47 Methacrylonitrile | 67 | 3.690 | 3.690 | 0.000 | 93 | 236933 | 200.0 | 181.4 | |
| 48 Chloroform | 83 | 3.723 | 3.723 | 0.000 | 99 | 145275 | 20.0 | 19.5 | |
| 49 Cyclohexane | 84 | 3.854 | 3.854 | 0.000 | 92 | 154644 | 20.0 | 26.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 84 | 112299 | 50.0 | 47.6 | |
| 51 1,1,1-Trichloroethane | 97 | 3.862 | 3.862 | 0.000 | 98 | 143298 | 20.0 | 21.9 | |
| 52 Carbon tetrachloride | 117 | 3.969 | 3.969 | 0.000 | 98 | 122012 | 20.0 | 22.8 | |
| 53 1,1-Dichloropropene | 75 | 3.977 | 3.977 | 0.000 | 97 | 114126 | 20.0 | 21.0 | |
| 54 Isobutyl alcohol | 43 | 4.051 | 4.051 | 0.000 | 90 | 36746 | 500.0 | 443.4 | |
| 134 Isooctane | 57 | 4.117 | 4.117 | 0.000 | 0 | 356167 | 20.0 | 25.3 | |
| 55 Benzene | 78 | 4.150 | 4.150 | 0.000 | 96 | 315530 | 20.0 | 19.1 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 90 | 131109 | 50.0 | 51.3 | |
| 57 Isopropyl acetate | 61 | 4.166 | 4.166 | 0.000 | 97 | 28364 | 20.0 | 21.7 | |
| 58 Tert-amyl methyl ether | 73 | 4.191 | 4.191 | 0.000 | 94 | 256659 | 20.0 | 20.6 | |
| 59 1,2-Dichloroethane | 62 | 4.224 | 4.224 | 0.000 | 97 | 98382 | 20.0 | 19.6 | |
| 60 n-Heptane | 57 | 4.265 | 4.265 | 0.000 | 91 | 70485 | 20.0 | 33.1 | |
| * 61 Fluorobenzene | 96 | 4.396 | 4.396 | 0.000 | 98 | 424188 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.627 | 4.627 | 0.000 | 90 | 29939 | 500.0 | 458.0 | |
| 63 Trichloroethene | 95 | 4.709 | 4.709 | 0.000 | 98 | 78691 | 20.0 | 18.9 | |
| 64 Ethyl acrylate | 55 | 4.824 | 4.824 | 0.000 | 90 | 245398 | 20.0 | 28.4 | |
| 65 Methylcyclohexane | 83 | 4.824 | 4.824 | 0.000 | 95 | 172961 | 20.0 | 25.3 | |
| 66 1,2-Dichloropropane | 63 | 4.963 | 4.963 | 0.000 | 93 | 80402 | 20.0 | 21.4 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 89 | 13719 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.013 | 5.013 | 0.000 | 90 | 28912 | 40.0 | 37.0 | |
| 70 n-Propyl acetate | 43 | 5.062 | 5.062 | 0.000 | 99 | 71475 | 20.0 | 20.0 | |
| 69 1,4-Dioxane | 88 | 5.070 | 5.070 | 0.000 | 29 | 11383 | 400.0 | 449.9 | |
| 71 Dibromomethane | 93 | 5.087 | 5.087 | 0.000 | 95 | 45588 | 20.0 | 17.8 | |
| 72 Dichlorobromomethane | 83 | 5.210 | 5.210 | 0.000 | 99 | 95202 | 20.0 | 19.2 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.506 | 5.506 | 0.000 | 80 | 37207 | 20.0 | 20.5 | |
| 74 2-Nitropropane | 41 | 5.514 | 5.514 | 0.000 | 81 | 27723 | 40.0 | 35.3 | |
| 75 Epichlorohydrin | 57 | 5.613 | 5.613 | 0.000 | 99 | 104236 | 400.0 | 425.0 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 92 | 114449 | 20.0 | 19.3 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.810 | 5.810 | 0.000 | 97 | 289997 | 100.0 | 105.7 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 422951 | 50.0 | 53.6 | |
| 79 Toluene | 91 | 5.966 | 5.966 | 0.000 | 93 | 312167 | 20.0 | 20.9 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.286 | 6.286 | 0.000 | 98 | 92903 | 20.0 | 19.5 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.303 | 0.000 | 90 | 80151 | 20.0 | 19.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 1,1,2-Trichloroethane | 83 | 6.492 | 6.492 | 0.000 | 95 | 50664 | 20.0 | 20.3 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 94 | 72773 | 20.0 | 19.7 | |
| 84 1,3-Dichloropropane | 76 | 6.689 | 6.689 | 0.000 | 95 | 98528 | 20.0 | 20.5 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 96 | 173968 | 100.0 | 89.0 | |
| 86 n-Butyl acetate | 43 | 6.845 | 6.845 | 0.000 | 98 | 86165 | 20.0 | 17.9 | |
| 87 Chlorodibromomethane | 129 | 6.911 | 6.911 | 0.000 | 98 | 60949 | 20.0 | 18.4 | |
| 88 Ethylene Dibromide | 107 | 7.059 | 7.059 | 0.000 | 98 | 55199 | 20.0 | 17.7 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 88 | 290331 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.650 | 7.650 | 0.000 | 96 | 191659 | 20.0 | 19.6 | |
| 91 Ethylbenzene | 106 | 7.765 | 7.765 | 0.000 | 99 | 109484 | 20.0 | 21.3 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.782 | 7.782 | 0.000 | 94 | 77065 | 20.0 | 19.4 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 133453 | 20.0 | 20.7 | |
| 94 n-Butyl acrylate | 73 | 8.456 | 8.456 | 0.000 | 96 | 49855 | 20.0 | 15.6 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 92 | 143606 | 20.0 | 20.6 | |
| 96 Styrene | 104 | 8.497 | 8.497 | 0.000 | 94 | 210326 | 20.0 | 20.5 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 125227 | 20.0 | 19.0 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 96 | 36690 | 20.0 | 17.9 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 351623 | 20.0 | 20.0 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 84 | 116205 | 50.0 | 46.3 | |
| 101 Bromobenzene | 156 | 9.113 | 9.113 | 0.000 | 97 | 83922 | 20.0 | 20.1 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.154 | 9.154 | 0.000 | 98 | 78345 | 20.0 | 19.9 | |
| 103 N-Propylbenzene | 91 | 9.179 | 9.179 | 0.000 | 99 | 447586 | 20.0 | 24.2 | |
| 104 1,2,3-Trichloropropane | 110 | 9.195 | 9.195 | 0.000 | 98 | 22152 | 20.0 | 19.0 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.212 | 9.212 | 0.000 | 79 | 18342 | 20.0 | 24.9 | |
| 106 2-Chlorotoluene | 91 | 9.261 | 9.261 | 0.000 | 96 | 317728 | 20.0 | 23.3 | |
| 107 4-Ethyltoluene | 105 | 9.269 | 9.269 | 0.000 | 98 | 362667 | 20.0 | 23.5 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.327 | 9.327 | 0.000 | 92 | 333600 | 20.0 | 23.2 | |
| 109 4-Chlorotoluene | 91 | 9.360 | 9.360 | 0.000 | 98 | 280121 | 20.0 | 22.2 | |
| 110 Butyl Methacrylate | 87 | 9.409 | 9.409 | 0.000 | 91 | 113465 | 20.0 | 19.8 | |
| 111 tert-Butylbenzene | 119 | 9.557 | 9.557 | 0.000 | 92 | 261625 | 20.0 | 21.2 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.606 | 9.606 | 0.000 | 98 | 338230 | 20.0 | 22.6 | |
| 113 sec-Butylbenzene | 105 | 9.713 | 9.713 | 0.000 | 99 | 423889 | 20.0 | 23.4 | |
| 114 4-Isopropyltoluene | 119 | 9.820 | 9.820 | 0.000 | 97 | 368918 | 20.0 | 23.6 | |
| 115 1,3-Dichlorobenzene | 146 | 9.820 | 9.820 | 0.000 | 71 | 171552 | 20.0 | 20.6 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.869 | 9.869 | 0.000 | 97 | 171635 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.885 | 9.885 | 0.000 | 93 | 176016 | 20.0 | 20.3 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.902 | 9.902 | 0.000 | 99 | 368712 | 20.0 | 22.9 | |
| 119 Benzyl chloride | 91 | 9.984 | 9.984 | 0.000 | 98 | 160335 | 20.0 | 18.4 | |
| 120 2,3-Dihydroindene | 117 | 10.033 | 10.033 | 0.000 | 94 | 316193 | 20.0 | 20.6 | |
| 121 p-Diethylbenzene | 119 | 10.074 | 10.074 | 0.000 | 93 | 230351 | 20.0 | 23.6 | a |
| 122 n-Butylbenzene | 92 | 10.091 | 10.091 | 0.000 | 98 | 197497 | 20.0 | 23.4 | |
| 123 1,2-Dichlorobenzene | 146 | 10.132 | 10.132 | 0.000 | 94 | 175132 | 20.0 | 20.6 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.551 | 10.551 | 0.000 | 97 | 371226 | 20.0 | 22.0 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.625 | 10.625 | 0.000 | 97 | 15526 | 20.0 | 17.6 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.707 | 10.707 | 0.000 | 97 | 153410 | 20.0 | 21.2 | |
| 127 1,2,4-Trichlorobenzene | 180 | 11.085 | 11.085 | 0.000 | 95 | 136297 | 20.0 | 22.4 | |
| 128 Hexachlorobutadiene | 225 | 11.151 | 11.151 | 0.000 | 92 | 59597 | 20.0 | 22.5 | a |
| 129 Naphthalene | 128 | 11.241 | 11.241 | 0.000 | 99 | 272489 | 20.0 | 21.0 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.397 | 11.397 | 0.000 | 95 | 118375 | 20.0 | 23.4 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.6 | |
| S 132 Total BTEX | 1 | | | | 0 | | 100.0 | 102.7 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 40.0 | 41.4 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00031 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00201 | Amount Added: | 20.00 | Units: uL | |
| GASES Li_00630 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00180 | Amount Added: | 4.00 | Units: uL | |
| VOA6IS/SURR_00079 | Amount Added: | 5.00 | Units: uL | Run Reagent |

Report Date: 10-Mar-2025 13:25:57 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45173.D

Injection Date: 10-Mar-2025 07:27:30 Instrument ID: CVOAMS6 Operator ID:

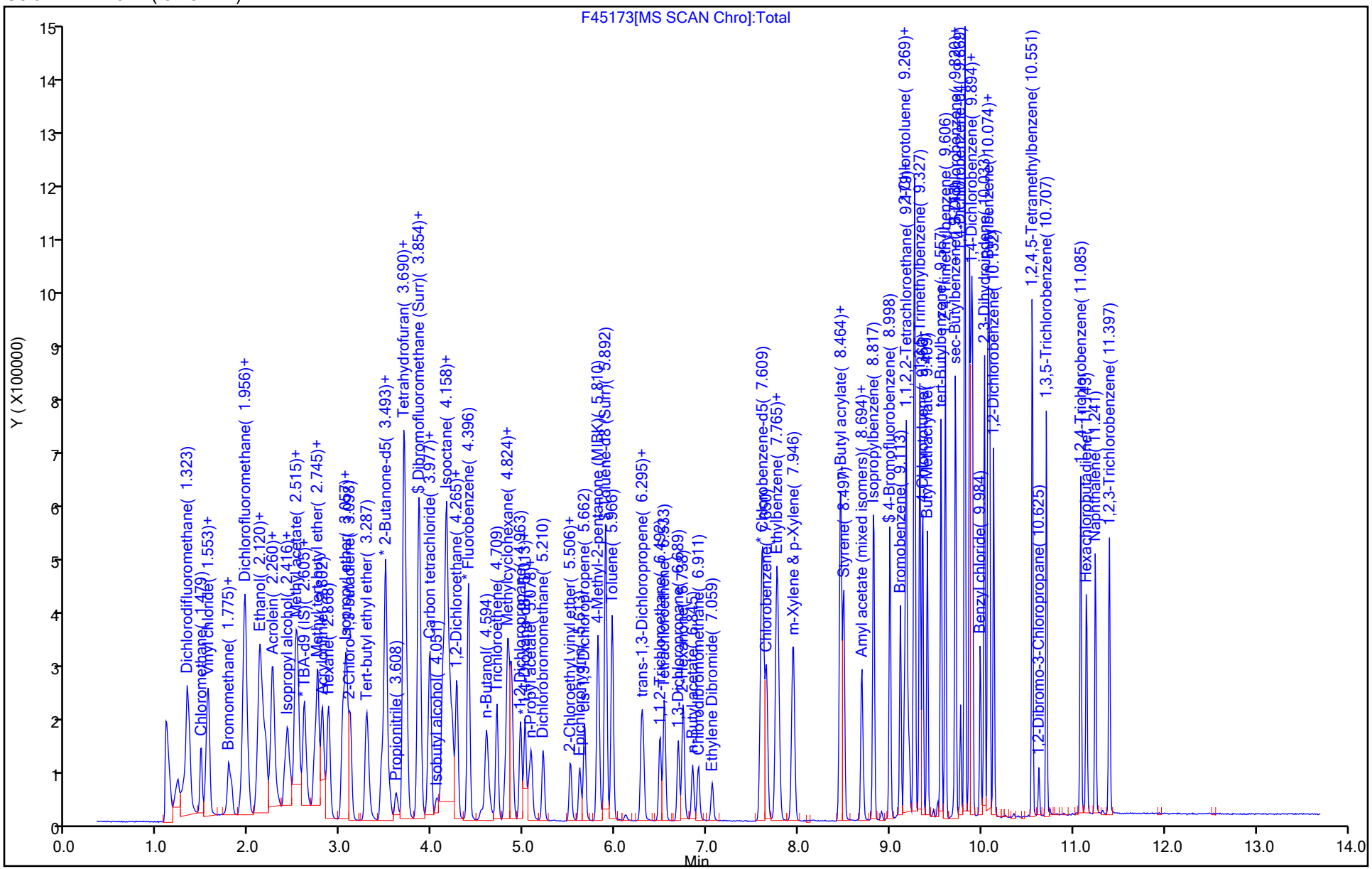
Lims ID: CCVIS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

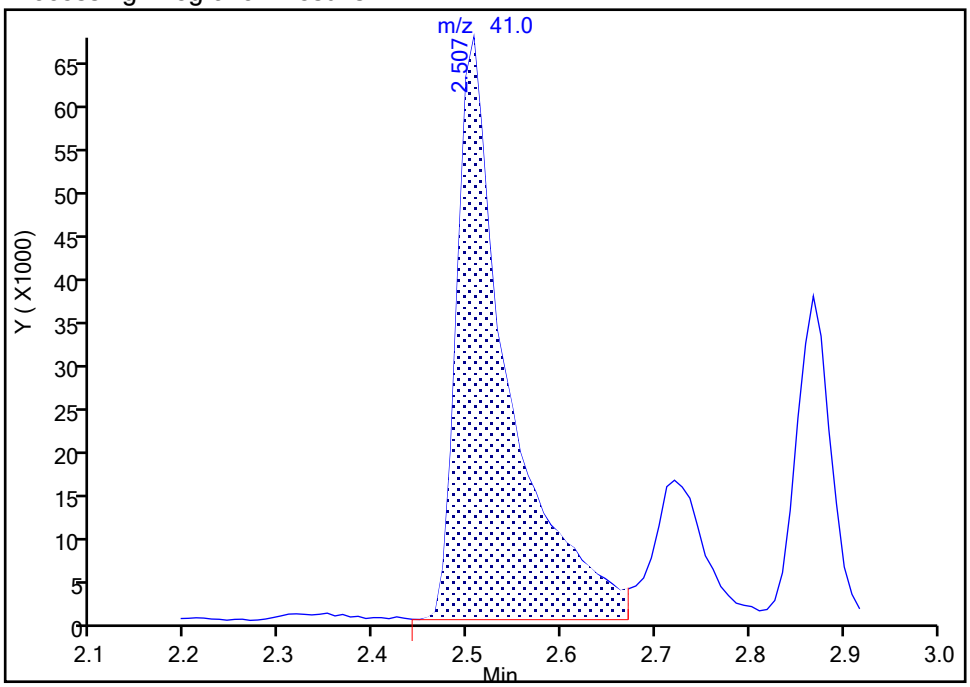
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45173.D
Injection Date: 10-Mar-2025 07:27:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 23 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

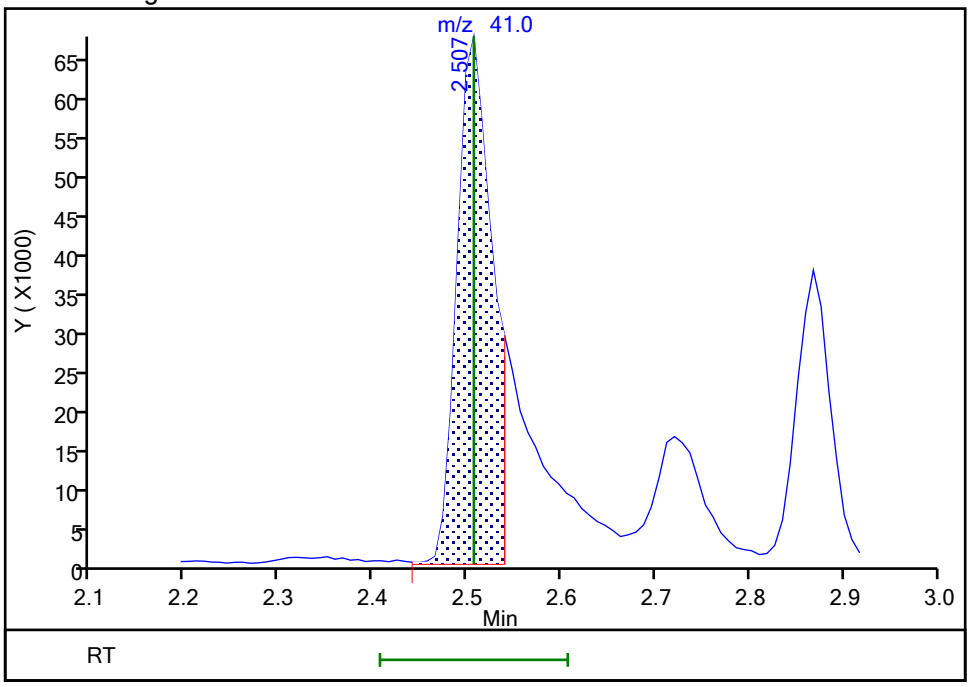
Processing Integration Results

RT: 2.51
Area: 258961
Amount: 35.746952
Amount Units: ug/l




Manual Integration Results

RT: 2.51
Area: 179477
Amount: 24.774988
Amount Units: ug/l




Reviewer: NN6A, 10-Mar-2025 13:24:52 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison

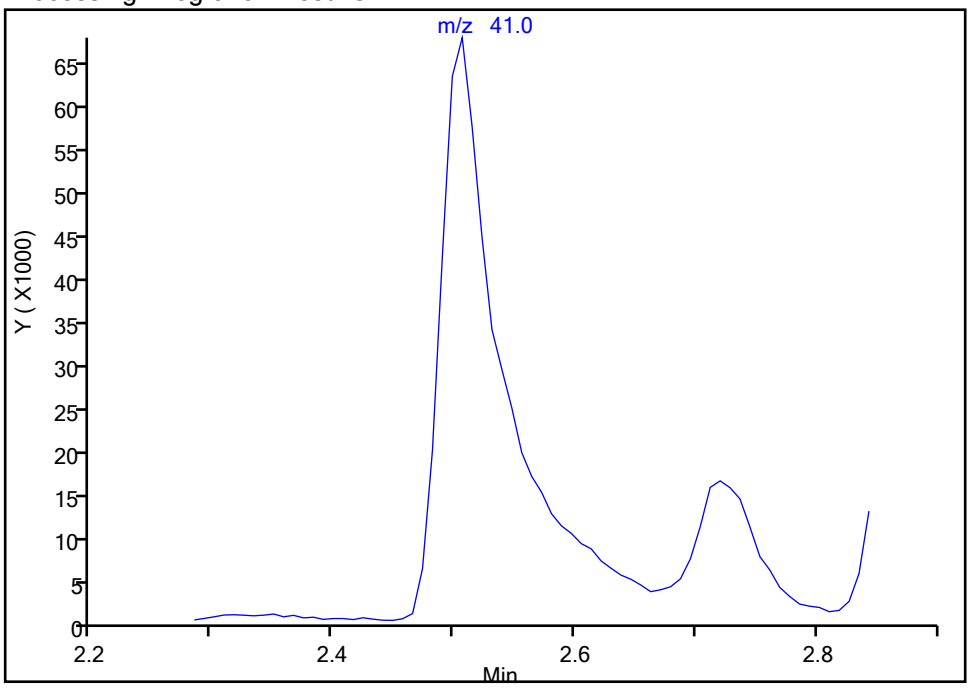
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45173.D
Injection Date: 10-Mar-2025 07:27:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Acetonitrile, CAS: 75-05-8

Signal: 1

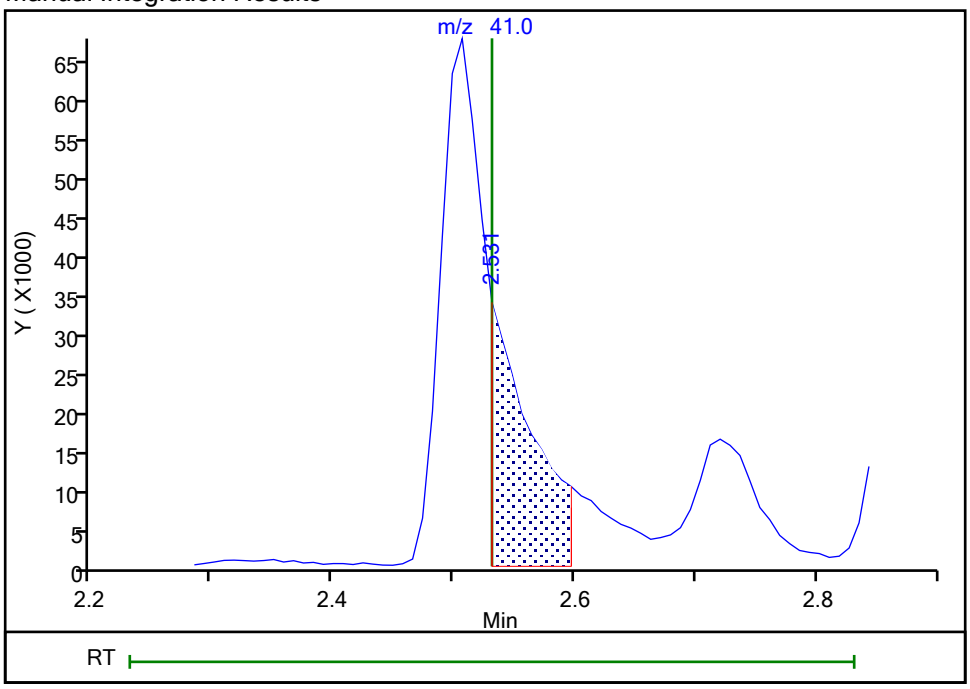
Not Detected
Expected RT: 2.53

Processing Integration Results




Manual Integration Results

RT: 2.53
Area: 84460
Amount: 287.1242
Amount Units: ug/l




Reviewer: NN6A, 10-Mar-2025 13:24:47 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

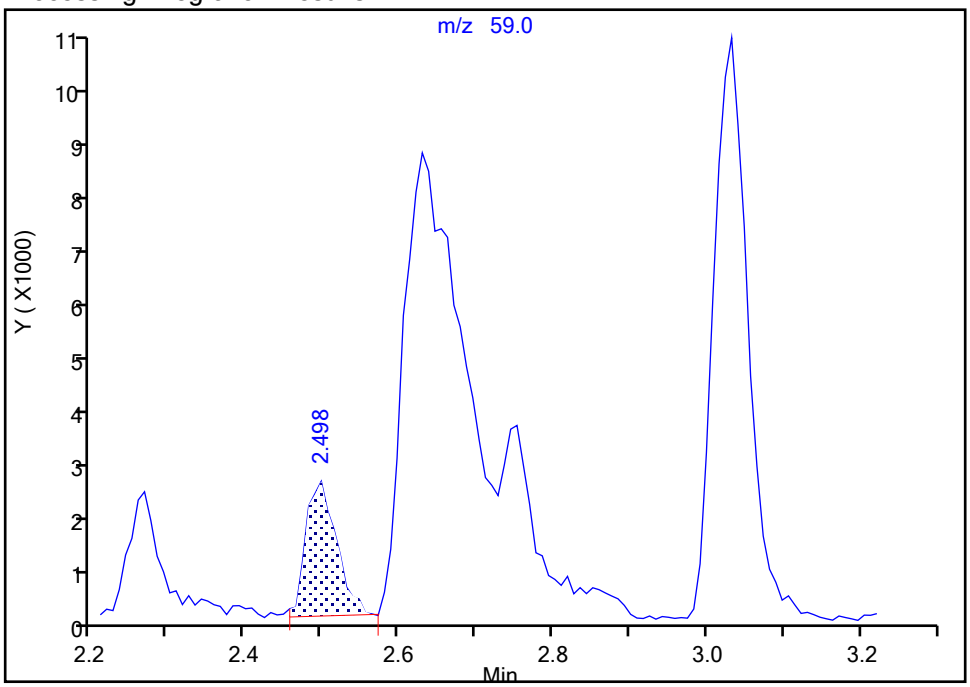
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45173.D
Injection Date: 10-Mar-2025 07:27:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

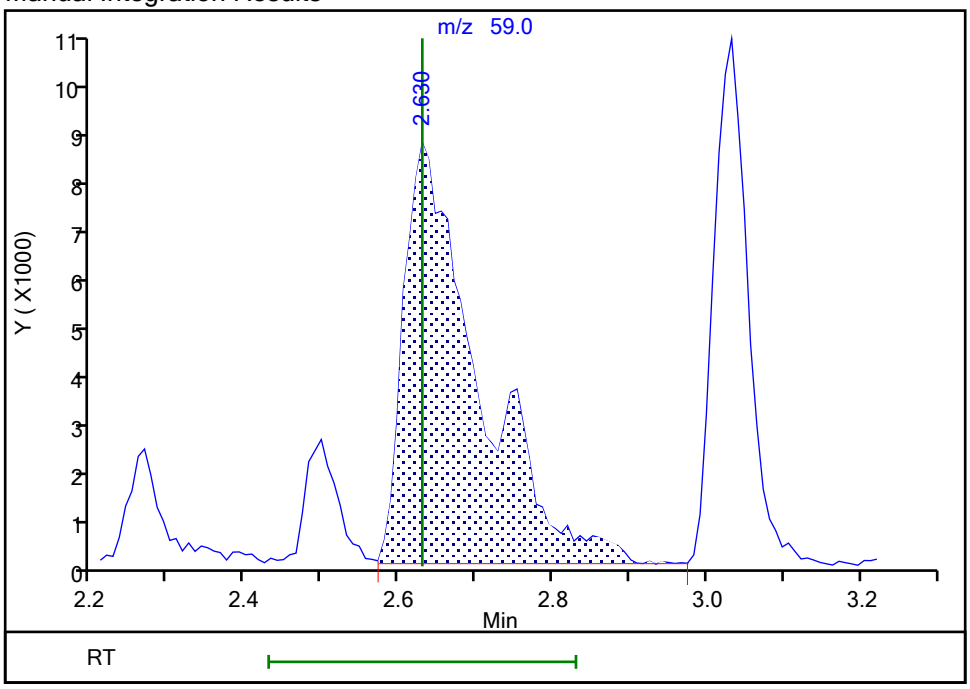
Processing Integration Results

RT: 2.50
Area: 6760
Amount: 30.647741
Amount Units: ug/l




Manual Integration Results

RT: 2.63
Area: 56991
Amount: 258.3795
Amount Units: ug/l




Reviewer: KG2Q, 10-Mar-2025 07:56:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

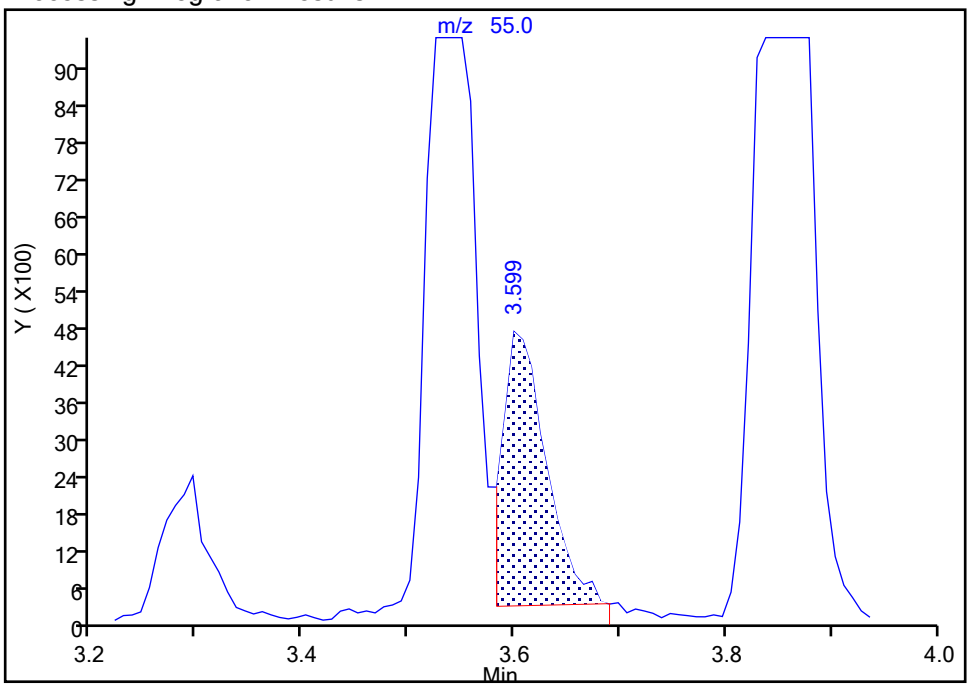
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45173.D
Injection Date: 10-Mar-2025 07:27:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 43 Methyl acrylate, CAS: 96-33-3

Signal: 1

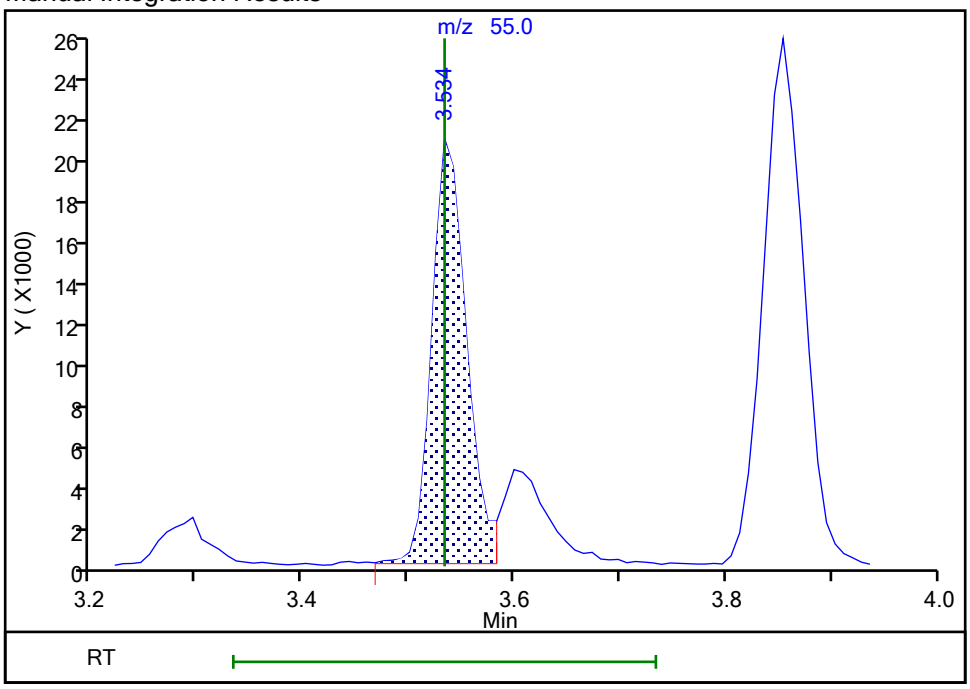
Processing Integration Results

RT: 3.60
Area: 12778
Amount: 5.117408
Amount Units: ug/l




Manual Integration Results

RT: 3.53
Area: 47103
Amount: 18.864085
Amount Units: ug/l




Reviewer: KG2Q, 10-Mar-2025 08:14:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

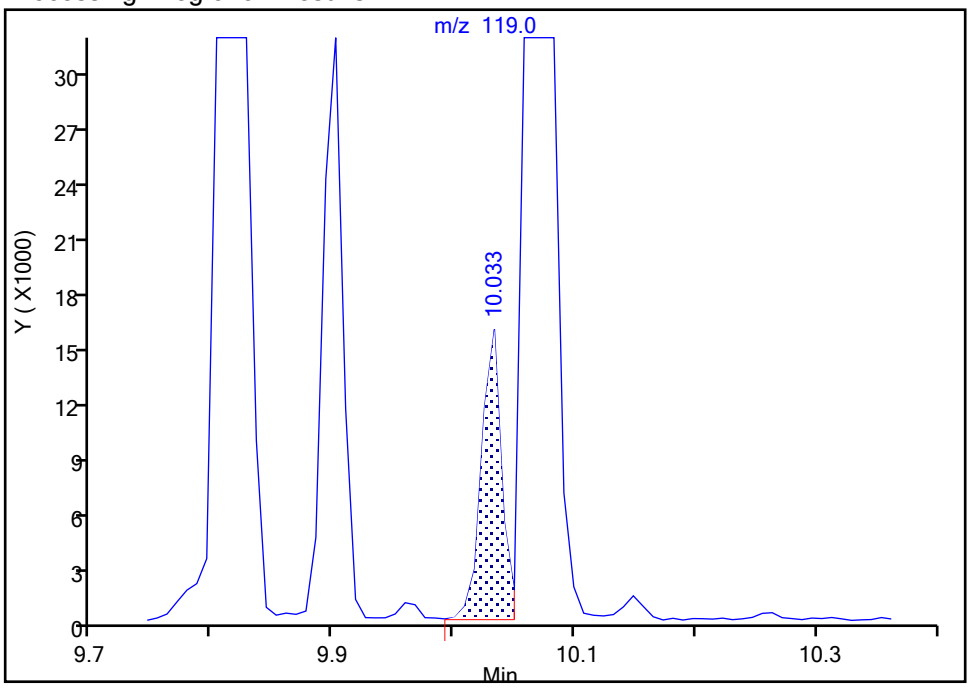
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45173.D
Injection Date: 10-Mar-2025 07:27:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 121 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

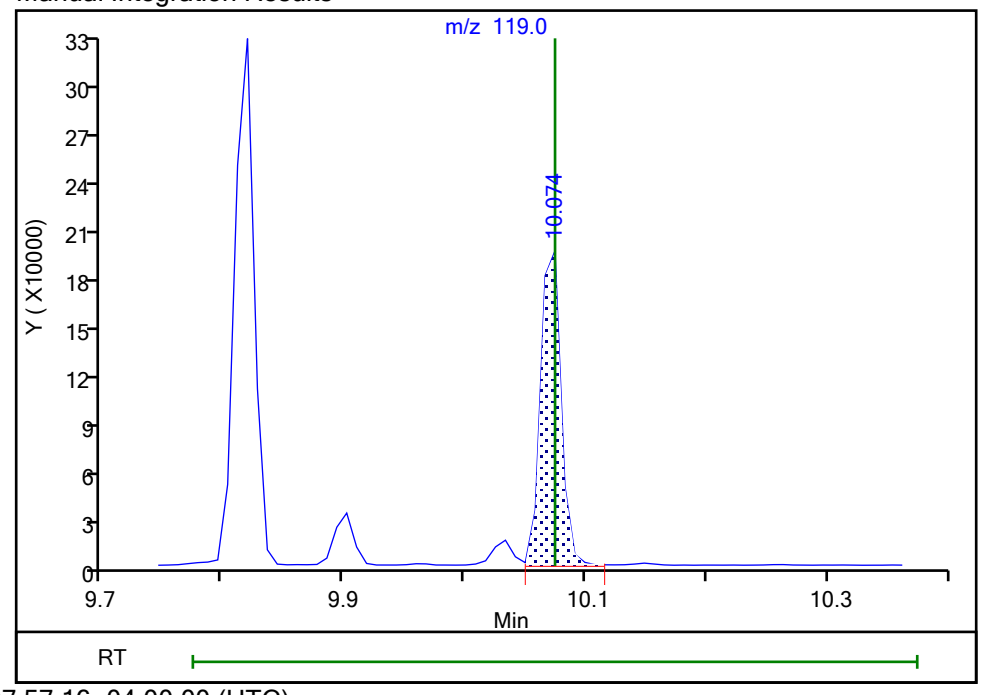
Processing Integration Results

RT: 10.03
Area: 18302
Amount: 1.871831
Amount Units: ug/l




Manual Integration Results

RT: 10.07
Area: 230351
Amount: 23.559073
Amount Units: ug/l




Reviewer: KG2Q, 10-Mar-2025 07:57:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

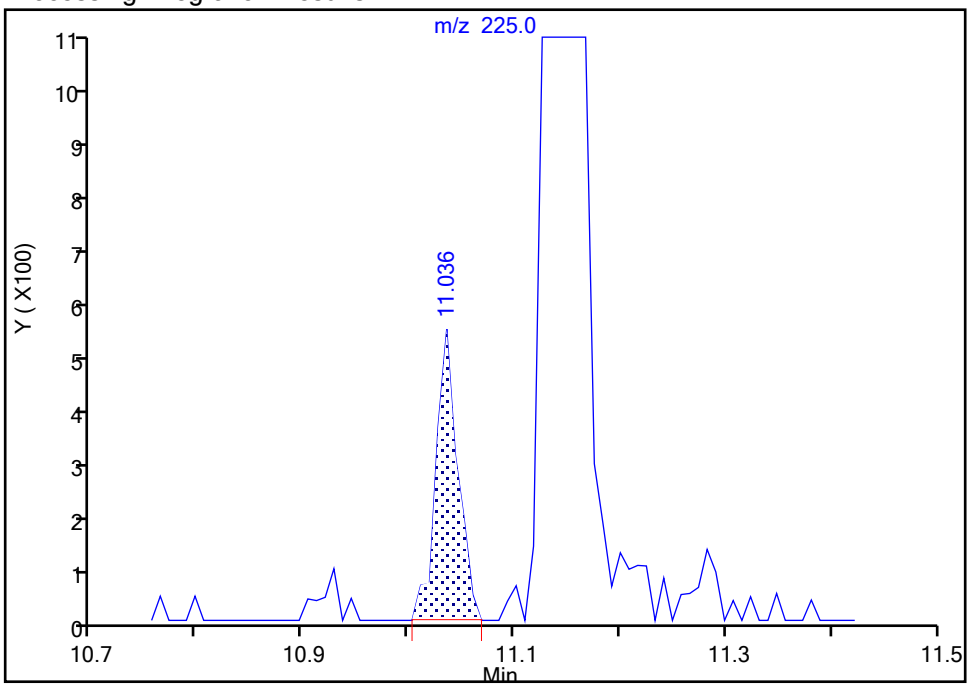
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45173.D
Injection Date: 10-Mar-2025 07:27:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 128 Hexachlorobutadiene, CAS: 87-68-3

Signal: 1

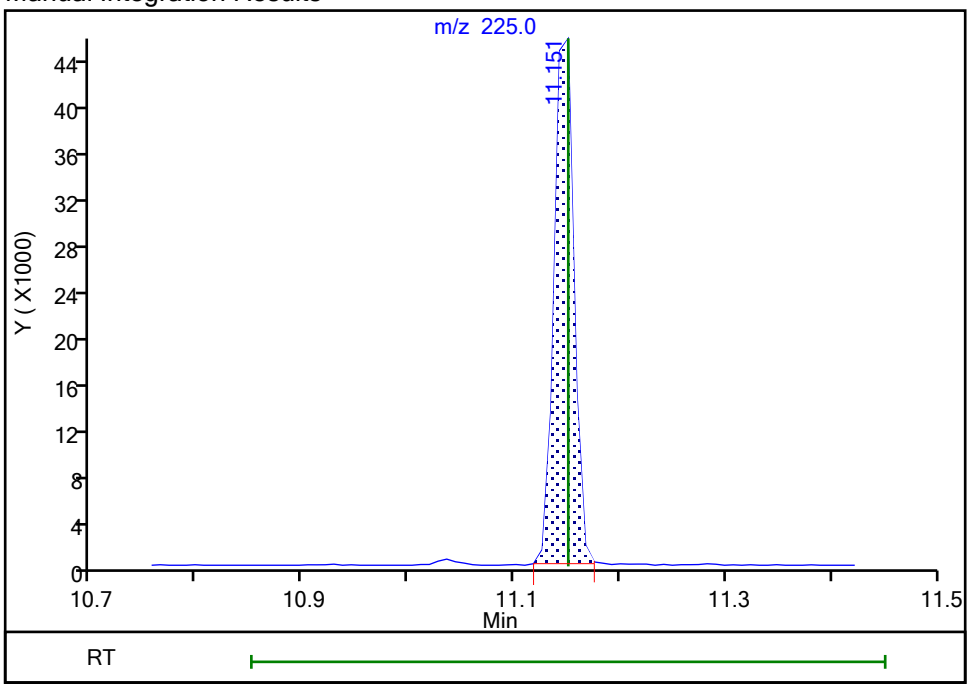
Processing Integration Results

RT: 11.04
Area: 762
Amount: 0.287754
Amount Units: ug/l




Manual Integration Results

RT: 11.15
Area: 59597
Amount: 22.505600
Amount Units: ug/l




Reviewer: KG2Q, 10-Mar-2025 07:57:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43683.D | | | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Sample Type: | BFB | | | | |
| Inject. Date: | 16-Jan-2025 03:31:30 | ALS Bottle#: | 99 | Worklist Smp#: | 1 |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | BFB | | | | |
| Misc. Info.: | 460-0185847-001 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS6 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\8260624W6.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 17-Jan-2025 14:55:32 | Calib Date: | 16-Jan-2025 06:11:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D | | | | |
| Column 1 : | Rtx-624 ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1693 | | | | |
| First Level Reviewer: HVW2 | | Date: | 16-Jan-2025 03:38:22 | | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|

$ 135 BFB

## Reagents:

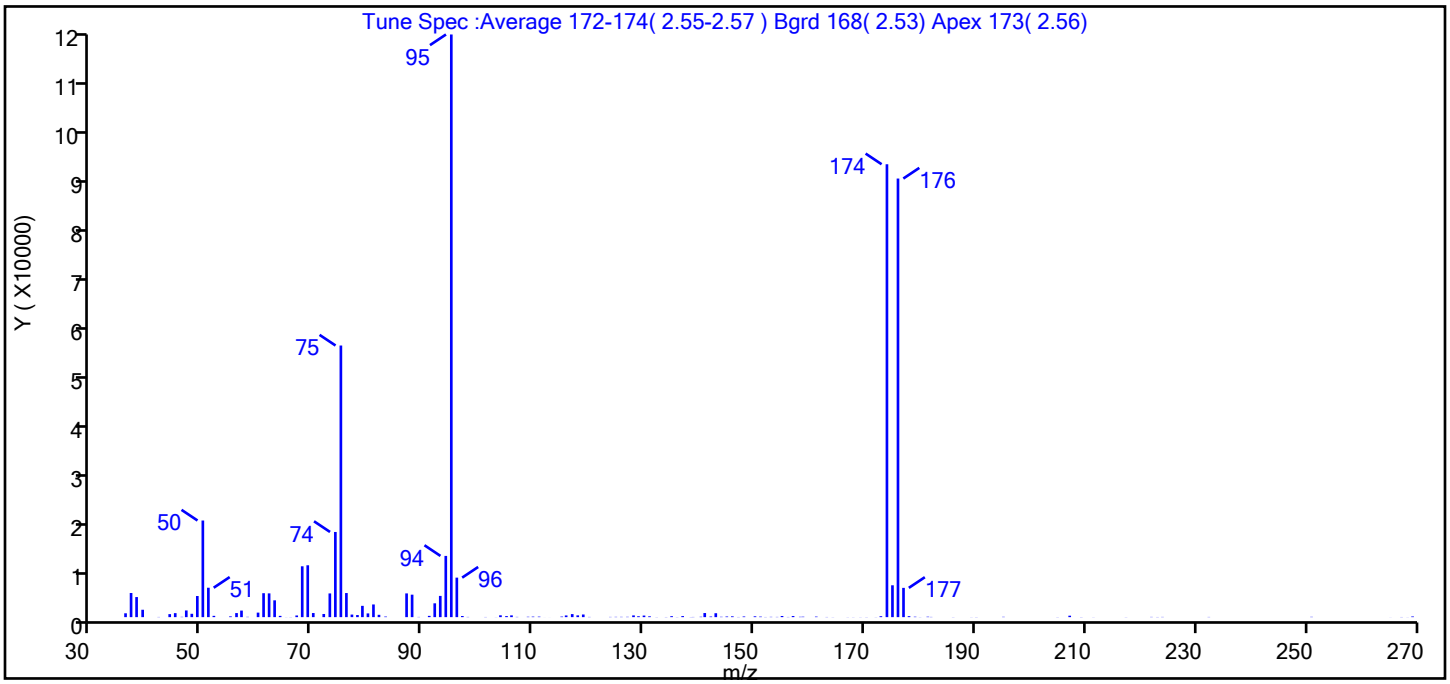
BFB_00038 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43683.D
Injection Date: 16-Jan-2025 03:31:30 Instrument ID: CVOAMS6
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 135 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | 50 to 200% of m/z 174 | 100.0 (128.7) |
| 96 | 5 to 9% of m/z 95 | 6.8 |
| 173 | <2% of m/z 174 | 0.2 (0.2) |
| 174 | 50 to 200% of m/z 95 | 77.7 |
| 175 | 5 to 9% of m/z 174 | 5.5 (7.0) |
| 176 | 95 to 105% of m/z 174 | 75.3 (96.8) |
| 177 | 5 to 10% of m/z 176 | 5.0 (6.7) |

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43683.D\8260624W6.rslt\spectra.d
Injection Date: 16-Jan-2025 03:31:30
Spectrum: Tune Spec :Average 172-174( 2.55-2.57 ) Bgrd 168( 2.53) Apex 173( 2.56)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 139

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 751 | 78.00 | 409 | 125.00 | 56 | 164.00 | 19 |
| 37.00 | 4703 | 79.00 | 2200 | 126.00 | 56 | 167.00 | 18 |
| 38.00 | 3913 | 80.00 | 729 | 127.00 | 62 | 168.00 | 18 |
| 39.00 | 1439 | 81.00 | 2472 | 128.00 | 337 | 169.00 | 19 |
| 42.00 | 37 | 82.00 | 454 | 129.00 | 172 | 170.00 | 23 |
| 44.00 | 586 | 83.00 | 115 | 130.00 | 307 | 172.00 | 19 |
| 45.00 | 780 | 87.00 | 4625 | 131.00 | 161 | 173.00 | 179 |
| 46.00 | 59 | 88.00 | 4378 | 132.00 | 22 | 174.00 | 88224 |
| 47.00 | 1303 | 89.00 | 40 | 134.00 | 29 | 175.00 | 6207 |
| 48.00 | 653 | 91.00 | 248 | 135.00 | 185 | 176.00 | 85440 |
| 49.00 | 4116 | 92.00 | 2694 | 136.00 | 23 | 177.00 | 5703 |
| 50.00 | 18824 | 93.00 | 4137 | 137.00 | 206 | 178.00 | 186 |
| 51.00 | 5730 | 94.00 | 11927 | 138.00 | 25 | 179.00 | 85 |
| 52.00 | 252 | 95.00 | 113504 | 139.00 | 38 | 180.00 | 20 |
| 55.00 | 150 | 96.00 | 7696 | 140.00 | 76 | 181.00 | 85 |
| 56.00 | 793 | 97.00 | 219 | 141.00 | 799 | 182.00 | 43 |
| 57.00 | 1279 | 98.00 | 41 | 142.00 | 120 | 186.00 | 21 |
| 58.00 | 59 | 101.00 | 33 | 143.00 | 765 | 189.00 | 17 |
| 60.00 | 880 | 103.00 | 14 | 144.00 | 70 | 190.00 | 24 |
| 61.00 | 4663 | 104.00 | 357 | 145.00 | 126 | 195.00 | 63 |
| 62.00 | 4630 | 105.00 | 206 | 146.00 | 157 | 205.00 | 23 |
| 63.00 | 3277 | 106.00 | 345 | 147.00 | 33 | 207.00 | 280 |
| 64.00 | 248 | 107.00 | 46 | 148.00 | 130 | 209.00 | 26 |
| 65.00 | 13 | 109.00 | 74 | 150.00 | 162 | 211.00 | 17 |
| 66.00 | 23 | 110.00 | 102 | 151.00 | 105 | 217.00 | 20 |
| 67.00 | 325 | 111.00 | 100 | 152.00 | 32 | 222.00 | 46 |
| 68.00 | 9906 | 112.00 | 6 | 153.00 | 57 | 223.00 | 31 |
| 69.00 | 10104 | 113.00 | 6 | 154.00 | 45 | 224.00 | 44 |
| 70.00 | 800 | 115.00 | 109 | 155.00 | 221 | 232.00 | 39 |
| 72.00 | 616 | 116.00 | 330 | 156.00 | 36 | 251.00 | 61 |
| 73.00 | 4620 | 117.00 | 594 | 157.00 | 215 | 265.00 | 11 |
| 74.00 | 16592 | 118.00 | 347 | 158.00 | 66 | 267.00 | 31 |
| 75.00 | 52912 | 119.00 | 516 | 159.00 | 86 | 268.00 | 15 |

Report Date: 17-Jan-2025 14:55:32 Chrom Revision: 2.3 17-Dec-2024 12:44:46
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43683.D\8260624W6.rslt\spectra.d
Injection Date: 16-Jan-2025 03:31:30
Spectrum: Tune Spec :Average 172-174( 2.55-2.57 ) Bgrd 168( 2.53) Apex 173( 2.56)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 139

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 76.00 | 4694 | 120.00 | 42 | 161.00 | 107 | 269.00 | 131 |
| 77.00 | 502 | 124.00 | 45 | 163.00 | 34 | | |

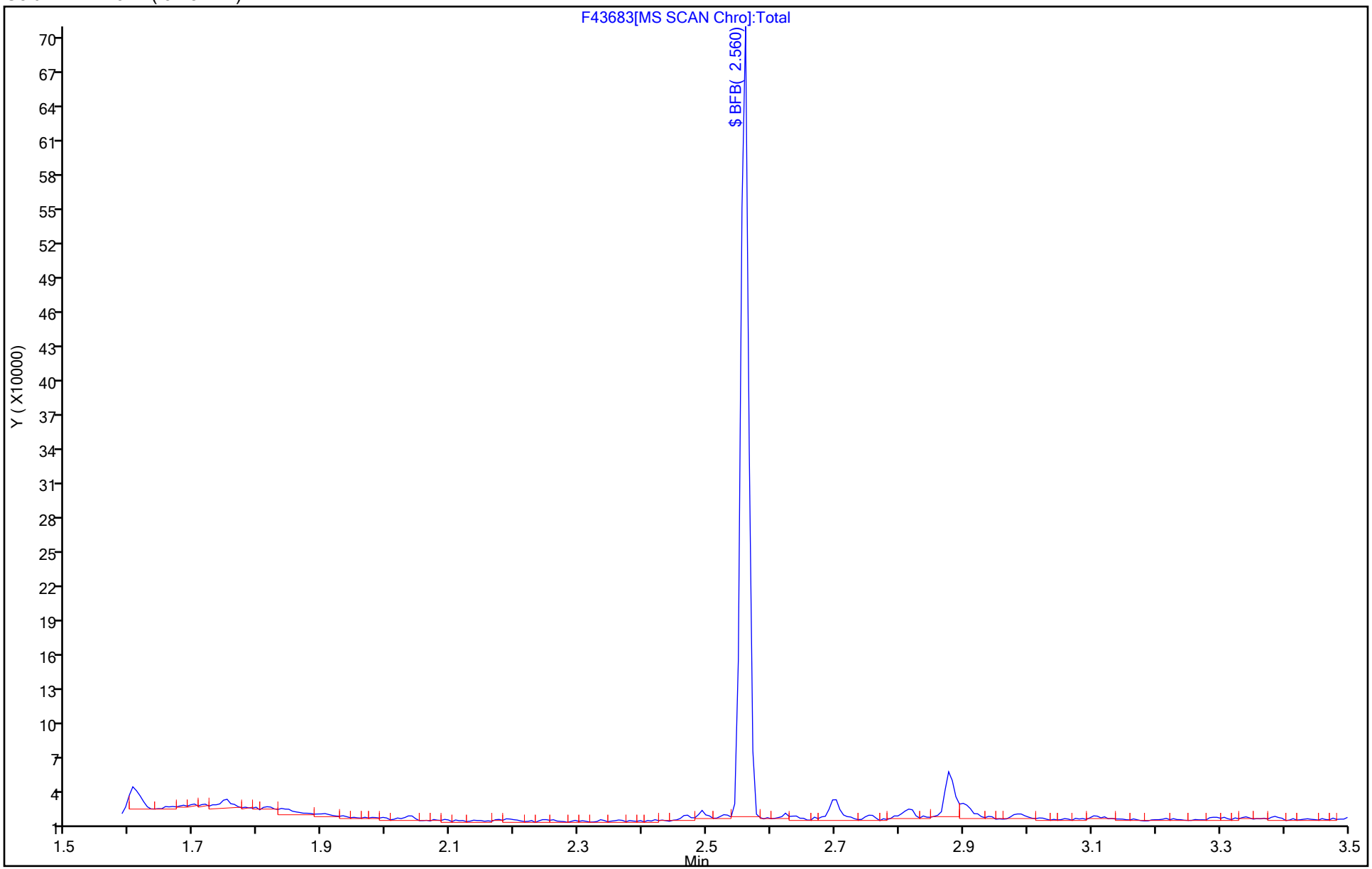
Report Date: 17-Jan-2025 14:55:32 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43683.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Jan-2025 03:31:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | BFB | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 99 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1024987/10

Matrix: Water | Lab File ID: F45179.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 09:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 93 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 95 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 107 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45179.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Mar-2025 09:40:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0187758-010
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 13:27:22 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: NN6A Date: 10-Mar-2025 13:27:22

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 18 Acetone | 43 | 2.326 | 2.318 | 0.008 | 69 | 4550 | | 5.05 | M |
| * 25 TBA-d9 (IS) | 46 | 2.564 | 2.589 | -0.025 | 99 | 50289 | 1000.0 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 90 | 193820 | 250.0 | 250.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 96 | 166202 | 50.0 | 47.6 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 93 | 179059 | 50.0 | 47.3 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.001 | 98 | 627994 | 50.0 | 50.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 36 | 15428 | 1000.0 | 1000.0 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 622099 | 50.0 | 53.7 | |
| * 89 Chlorobenzene-d5 | 117 | 7.609 | 7.609 | 0.000 | 89 | 426470 | 50.0 | 50.0 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 84 | 171450 | 50.0 | 46.5 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.853 | 9.869 | -0.016 | 99 | 258000 | 50.0 | 50.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

VOA6IS/SURR_00079 Amount Added: 5.00 Units: uL Run Reagent

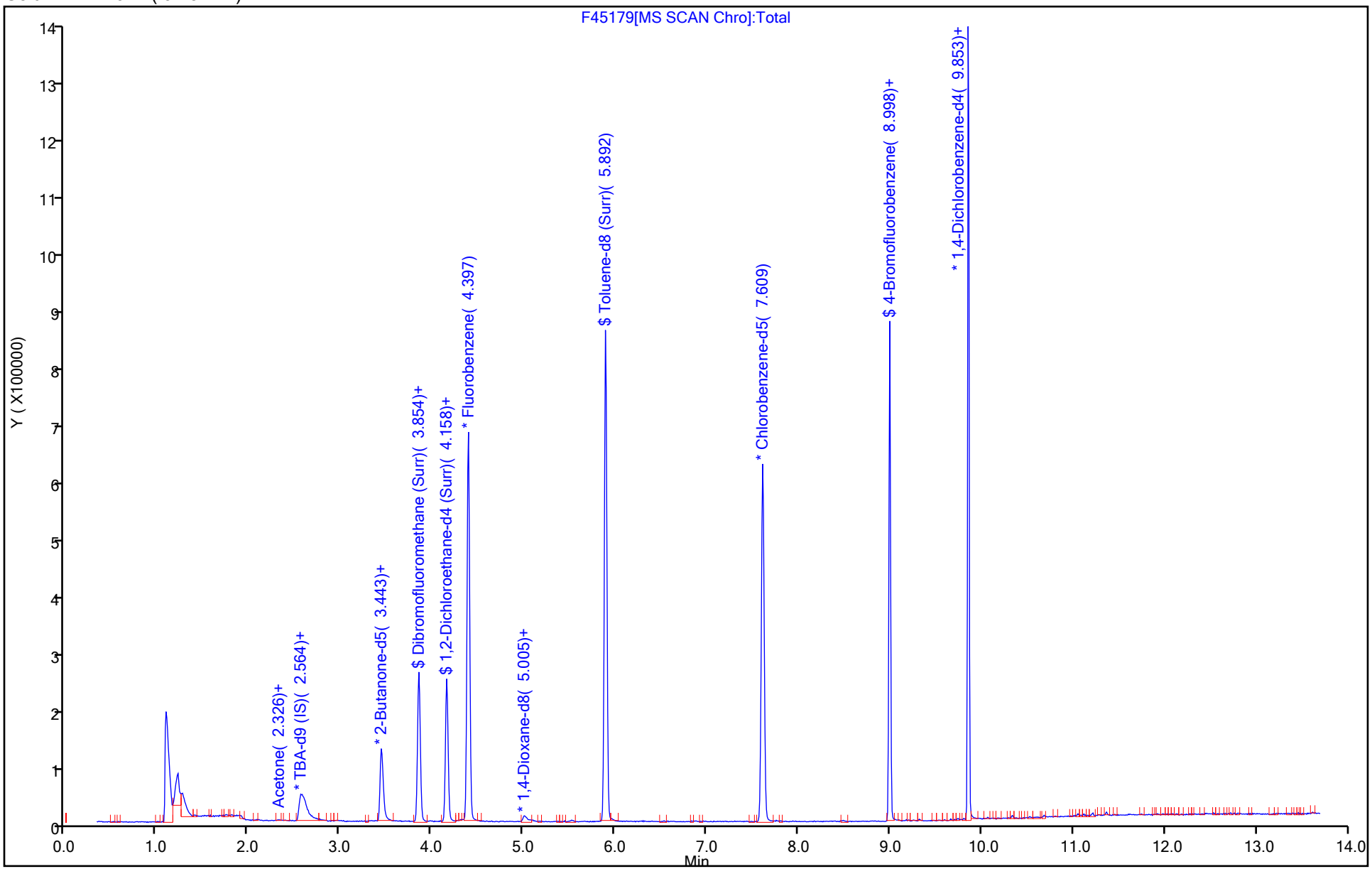
Report Date: 10-Mar-2025 13:27:24 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45179.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 09:40:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | MB | | | Worklist Smp#: | 10 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






03/13/2025

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45179.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Mar-2025 09:40:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0187758-010
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 13:27:22 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: NN6A Date: 10-Mar-2025 13:27:22

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 47.6 | 95.21 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.3 | 94.66 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 53.7 | 107.36 |
| $ 100 4-Bromofluorobenzene | 50.0 | 46.5 | 93.06 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1024987/6

Matrix: Water | Lab File ID: F45175.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 08:13

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) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 18.8 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 21.1 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 17.2 | | 1.0 | 0.22 |
| 108-88-3 | Toluene | 20.6 | | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 40.1 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 104 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 92 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 95 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 108 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45175.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Mar-2025 08:13:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0187758-006
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 13:26:42 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: KG2Q Date: 10-Mar-2025 10:32:13

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.348 | 1.340 | 0.008 | 96 | 154683 | 20.0 | 27.8 | |
| 2 Chloromethane | 50 | 1.488 | 1.479 | 0.009 | 100 | 127987 | 20.0 | 21.5 | |
| 3 Vinyl chloride | 62 | 1.562 | 1.545 | 0.017 | 99 | 106100 | 20.0 | 21.6 | |
| 4 Butadiene | 54 | 1.570 | 1.553 | 0.017 | 98 | 114952 | 20.0 | 22.5 | |
| 5 Bromomethane | 94 | 1.792 | 1.775 | 0.017 | 99 | 62882 | 20.0 | 19.0 | |
| 6 Chloroethane | 64 | 1.817 | 1.808 | 0.009 | 99 | 62684 | 20.0 | 19.3 | |
| 7 Dichlorofluoromethane | 67 | 1.964 | 1.948 | 0.016 | 99 | 196697 | 20.0 | 21.0 | |
| 9 Pentane | 72 | 1.956 | 1.956 | 0.000 | 96 | 32888 | 40.0 | 52.5 | |
| 8 Trichlorofluoromethane | 101 | 1.981 | 1.973 | 0.009 | 100 | 127307 | 20.0 | 20.9 | |
| 10 Ethanol | 46 | 2.063 | 2.088 | -0.025 | 68 | 9915 | 800.0 | 3017.6 | |
| 11 Ethyl ether | 59 | 2.096 | 2.088 | 0.008 | 97 | 59797 | 20.0 | 18.4 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.121 | 2.112 | 0.009 | 98 | 80343 | 20.0 | 21.3 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.145 | 2.145 | 0.000 | 94 | 79223 | 20.0 | 20.8 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.186 | 2.178 | 0.008 | 95 | 136209 | 20.0 | 21.3 | |
| 16 Acrolein | 56 | 2.244 | 2.227 | 0.017 | 93 | 14929 | 40.0 | 37.8 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.260 | 2.252 | 0.008 | 95 | 98320 | 20.0 | 21.9 | |
| 17 1,1-Dichloroethene | 96 | 2.277 | 2.268 | 0.009 | 98 | 85136 | 20.0 | 18.8 | |
| 18 Acetone | 43 | 2.318 | 2.318 | 0.000 | 87 | 85199 | 100.0 | 112.2 | |
| 19 Isopropyl alcohol | 45 | 2.375 | 2.359 | 0.016 | 98 | 22171 | 200.0 | 221.7 | |
| 20 Iodomethane | 142 | 2.408 | 2.392 | 0.016 | 99 | 150952 | 20.0 | 17.7 | |
| 21 Carbon disulfide | 76 | 2.433 | 2.424 | 0.009 | 99 | 358598 | 20.0 | 24.5 | M |
| 22 Methyl acetate | 43 | 2.507 | 2.498 | 0.009 | 98 | 87056 | 40.0 | 48.9 | |
| 23 3-Chloro-1-propene | 41 | 2.507 | 2.507 | 0.000 | 85 | 159012 | 20.0 | 20.9 | M |
| 32 Acetonitrile | 41 | 2.540 | 2.531 | 0.009 | 39 | 76346 | 200.0 | 267.5 | Ma |
| 24 Cyclopentene | 67 | 2.531 | 2.531 | 0.000 | 96 | 249317 | 20.0 | 27.3 | |
| * 25 TBA-d9 (IS) | 46 | 2.573 | 2.589 | -0.016 | 91 | 42365 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.614 | 2.605 | 0.009 | 94 | 94645 | 20.0 | 17.9 | |
| 27 2-Methyl-2-propanol | 59 | 2.622 | 2.630 | -0.008 | 34 | 52654 | 200.0 | 246.0 | a |
| 28 Methyl tert-butyl ether | 73 | 2.729 | 2.720 | 0.009 | 97 | 216905 | 20.0 | 17.2 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.753 | 2.753 | 0.000 | 98 | 86937 | 20.0 | 18.0 | |
| 30 Acrylonitrile | 53 | 2.803 | 2.802 | 0.001 | 94 | 233498 | 200.0 | 177.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Hexane | 43 | 2.877 | 2.868 | 0.009 | 93 | 78770 | 20.0 | 30.2 | |
| 33 Isopropyl ether | 45 | 3.033 | 3.024 | 0.009 | 94 | 261207 | 20.0 | 21.3 | |
| 34 Vinyl acetate | 86 | 3.066 | 3.057 | 0.009 | 100 | 24658 | 40.0 | 35.0 | |
| 35 1,1-Dichloroethane | 63 | 3.074 | 3.074 | 0.000 | 99 | 156044 | 20.0 | 19.2 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.107 | 3.106 | 0.001 | 92 | 75232 | 20.0 | 19.1 | |
| 37 Tert-butyl ethyl ether | 59 | 3.287 | 3.287 | 0.000 | 89 | 252379 | 20.0 | 19.0 | |
| * 38 2-Butanone-d5 | 46 | 3.452 | 3.443 | 0.009 | 94 | 173588 | 250.0 | 250.0 | |
| 40 Ethyl acetate | 70 | 3.493 | 3.484 | 0.009 | 83 | 13286 | 40.0 | 46.9 | |
| 39 2,2-Dichloropropane | 97 | 3.493 | 3.493 | 0.000 | 94 | 30823 | 20.0 | 20.8 | |
| 42 2-Butanone (MEK) | 72 | 3.501 | 3.493 | 0.008 | 96 | 30665 | 100.0 | 88.9 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.501 | 3.493 | 0.008 | 91 | 90041 | 20.0 | 17.7 | |
| 43 Methyl acrylate | 55 | 3.542 | 3.534 | 0.008 | 100 | 47100 | 20.0 | 18.5 | |
| 44 Propionitrile | 54 | 3.608 | 3.608 | 0.000 | 97 | 78884 | 200.0 | 212.8 | |
| 46 Tetrahydrofuran | 42 | 3.690 | 3.682 | 0.008 | 55 | 43371 | 40.0 | 45.8 | |
| 45 Chlorobromomethane | 128 | 3.690 | 3.690 | 0.000 | 91 | 40206 | 20.0 | 16.6 | |
| 47 Methacrylonitrile | 67 | 3.698 | 3.690 | 0.008 | 93 | 246399 | 200.0 | 179.7 | |
| 48 Chloroform | 83 | 3.723 | 3.723 | 0.000 | 99 | 146175 | 20.0 | 18.7 | |
| 49 Cyclohexane | 84 | 3.863 | 3.854 | 0.009 | 91 | 141686 | 20.0 | 22.7 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.863 | 3.854 | 0.009 | 96 | 117607 | 50.0 | 47.5 | |
| 51 1,1,1-Trichloroethane | 97 | 3.863 | 3.862 | 0.001 | 98 | 132329 | 20.0 | 19.3 | |
| 52 Carbon tetrachloride | 117 | 3.961 | 3.969 | -0.008 | 97 | 111678 | 20.0 | 19.9 | |
| 53 1,1-Dichloropropene | 75 | 3.986 | 3.977 | 0.009 | 96 | 113974 | 20.0 | 20.0 | |
| 54 Isobutyl alcohol | 43 | 4.052 | 4.051 | 0.001 | 97 | 40802 | 500.0 | 507.4 | |
| 134 Isooctane | 57 | 4.126 | 4.117 | 0.009 | 0 | 351361 | 20.0 | 23.8 | |
| 55 Benzene | 78 | 4.158 | 4.150 | 0.008 | 96 | 317103 | 20.0 | 18.8 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.167 | 4.158 | 0.009 | 96 | 138881 | 50.0 | 51.8 | |
| 57 Isopropyl acetate | 61 | 4.175 | 4.166 | 0.009 | 98 | 27258 | 20.0 | 19.7 | |
| 58 Tert-amyl methyl ether | 73 | 4.199 | 4.191 | 0.008 | 92 | 236190 | 20.0 | 18.0 | |
| 59 1,2-Dichloroethane | 62 | 4.232 | 4.224 | 0.008 | 98 | 101604 | 20.0 | 19.3 | |
| 60 n-Heptane | 57 | 4.273 | 4.265 | 0.008 | 92 | 67886 | 20.0 | 30.4 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.001 | 98 | 445467 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.627 | 4.627 | 0.000 | 88 | 26619 | 500.0 | 419.7 | |
| 63 Trichloroethene | 95 | 4.709 | 4.709 | 0.000 | 98 | 80827 | 20.0 | 18.5 | |
| 64 Ethyl acrylate | 55 | 4.824 | 4.824 | 0.000 | 99 | 237135 | 20.0 | 26.1 | |
| 65 Methylcyclohexane | 83 | 4.832 | 4.824 | 0.008 | 94 | 162121 | 20.0 | 22.6 | |
| 66 1,2-Dichloropropane | 63 | 4.964 | 4.963 | 0.001 | 92 | 79760 | 20.0 | 20.2 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 90 | 13848 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.021 | 5.013 | 0.008 | 89 | 29701 | 40.0 | 36.2 | |
| 70 n-Propyl acetate | 43 | 5.062 | 5.062 | 0.000 | 98 | 74080 | 20.0 | 19.8 | |
| 69 1,4-Dioxane | 88 | 5.062 | 5.070 | -0.008 | 28 | 10478 | 400.0 | 410.3 | |
| 71 Dibromomethane | 93 | 5.087 | 5.087 | 0.000 | 96 | 45899 | 20.0 | 17.1 | |
| 72 Dichlorobromomethane | 83 | 5.210 | 5.210 | 0.000 | 100 | 94637 | 20.0 | 18.1 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.514 | 5.506 | 0.008 | 75 | 37729 | 20.0 | 19.8 | |
| 74 2-Nitropropane | 41 | 5.514 | 5.514 | 0.000 | 79 | 28428 | 40.0 | 34.5 | |
| 75 Epichlorohydrin | 57 | 5.613 | 5.613 | 0.000 | 99 | 101674 | 400.0 | 427.2 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.670 | 5.662 | 0.008 | 93 | 119095 | 20.0 | 19.7 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.810 | 5.810 | 0.000 | 97 | 272309 | 100.0 | 95.8 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 435616 | 50.0 | 54.1 | |
| 79 Toluene | 91 | 5.966 | 5.966 | 0.000 | 93 | 314228 | 20.0 | 20.6 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.287 | 6.286 | 0.001 | 98 | 95126 | 20.0 | 19.6 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.303 | 0.000 | 89 | 77273 | 20.0 | 18.2 | |
| 82 1,1,2-Trichloroethane | 83 | 6.492 | 6.492 | 0.000 | 96 | 49504 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 93 | 73024 | 20.0 | 19.4 | |
| 84 1,3-Dichloropropane | 76 | 6.689 | 6.689 | 0.000 | 95 | 99194 | 20.0 | 20.2 | |
| 85 2-Hexanone | 43 | 6.739 | 6.738 | 0.000 | 97 | 167003 | 100.0 | 82.4 | |
| 86 n-Butyl acetate | 43 | 6.845 | 6.845 | 0.000 | 98 | 82195 | 20.0 | 16.8 | |
| 87 Chlorodibromomethane | 129 | 6.911 | 6.911 | 0.000 | 98 | 62302 | 20.0 | 18.5 | |
| 88 Ethylene Dibromide | 107 | 7.059 | 7.059 | 0.000 | 100 | 54120 | 20.0 | 17.0 | |
| * 89 Chlorobenzene-d5 | 117 | 7.610 | 7.609 | 0.001 | 88 | 296278 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.651 | 7.650 | 0.001 | 93 | 198708 | 20.0 | 19.9 | |
| 91 Ethylbenzene | 106 | 7.766 | 7.765 | 0.001 | 99 | 110949 | 20.0 | 21.1 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.782 | 7.782 | 0.000 | 94 | 72994 | 20.0 | 18.0 | |
| 93 m-Xylene & p-Xylene | 106 | 7.946 | 7.938 | 0.008 | 99 | 132904 | 20.0 | 20.2 | |
| 94 n-Butyl acrylate | 73 | 8.456 | 8.456 | 0.000 | 97 | 46392 | 20.0 | 14.2 | |
| 95 o-Xylene | 106 | 8.464 | 8.464 | 0.000 | 93 | 141315 | 20.0 | 19.9 | |
| 96 Styrene | 104 | 8.497 | 8.497 | 0.000 | 94 | 208159 | 20.0 | 19.8 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 113887 | 20.0 | 17.6 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 94 | 35391 | 20.0 | 17.0 | |
| 99 Isopropylbenzene | 105 | 8.826 | 8.817 | 0.009 | 96 | 344734 | 20.0 | 19.2 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 85 | 117972 | 50.0 | 46.1 | |
| 101 Bromobenzene | 156 | 9.113 | 9.113 | 0.000 | 97 | 80888 | 20.0 | 19.8 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.154 | 9.154 | 0.000 | 98 | 74960 | 20.0 | 19.4 | |
| 103 N-Propylbenzene | 91 | 9.179 | 9.179 | 0.000 | 99 | 438134 | 20.0 | 24.2 | |
| 104 1,2,3-Trichloropropane | 110 | 9.195 | 9.195 | 0.000 | 98 | 21213 | 20.0 | 18.5 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.212 | 9.212 | 0.000 | 77 | 17325 | 20.0 | 24.0 | |
| 106 2-Chlorotoluene | 91 | 9.261 | 9.261 | 0.000 | 96 | 307307 | 20.0 | 23.0 | |
| 107 4-Ethyltoluene | 105 | 9.269 | 9.269 | 0.000 | 97 | 360256 | 20.0 | 23.9 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.327 | 9.327 | 0.000 | 92 | 325005 | 20.0 | 23.0 | |
| 109 4-Chlorotoluene | 91 | 9.360 | 9.360 | 0.000 | 98 | 276961 | 20.0 | 22.4 | |
| 110 Butyl Methacrylate | 87 | 9.409 | 9.409 | 0.000 | 92 | 108809 | 20.0 | 19.4 | |
| 111 tert-Butylbenzene | 119 | 9.557 | 9.557 | 0.000 | 93 | 265059 | 20.0 | 22.0 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.606 | 9.606 | 0.000 | 98 | 332989 | 20.0 | 22.7 | |
| 113 sec-Butylbenzene | 105 | 9.721 | 9.713 | 0.008 | 98 | 418470 | 20.0 | 23.6 | |
| 114 4-Isopropyltoluene | 119 | 9.820 | 9.820 | 0.000 | 97 | 364352 | 20.0 | 23.8 | |
| 115 1,3-Dichlorobenzene | 146 | 9.820 | 9.820 | 0.000 | 70 | 167946 | 20.0 | 20.6 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.877 | 9.869 | 0.008 | 96 | 168199 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.886 | 9.885 | 0.001 | 93 | 172106 | 20.0 | 20.2 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.902 | 9.902 | 0.000 | 98 | 358310 | 20.0 | 22.7 | |
| 119 Benzyl chloride | 91 | 9.992 | 9.984 | 0.008 | 99 | 149675 | 20.0 | 17.5 | |
| 120 2,3-Dihydroindene | 117 | 10.033 | 10.033 | 0.000 | 94 | 299366 | 20.0 | 19.9 | |
| 121 p-Diethylbenzene | 119 | 10.075 | 10.074 | 0.001 | 87 | 227129 | 20.0 | 23.7 | |
| 122 n-Butylbenzene | 92 | 10.091 | 10.091 | 0.000 | 96 | 195613 | 20.0 | 23.6 | |
| 123 1,2-Dichlorobenzene | 146 | 10.140 | 10.132 | 0.008 | 94 | 166791 | 20.0 | 20.0 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.559 | 10.551 | 0.008 | 97 | 352921 | 20.0 | 21.4 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.633 | 10.625 | 0.008 | 97 | 14437 | 20.0 | 16.7 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.715 | 10.707 | 0.008 | 97 | 143558 | 20.0 | 20.3 | |
| 127 1,2,4-Trichlorobenzene | 180 | 11.085 | 11.085 | 0.000 | 93 | 128867 | 20.0 | 21.6 | |
| 128 Hexachlorobutadiene | 225 | 11.151 | 11.151 | 0.000 | 92 | 57139 | 20.0 | 22.0 | |
| 129 Naphthalene | 128 | 11.250 | 11.241 | 0.009 | 99 | 253341 | 20.0 | 19.9 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.398 | 11.397 | 0.001 | 95 | 109146 | 20.0 | 22.0 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 35.7 | |
| S 132 Total BTEX | 1 | | | | 0 | | 100.0 | 100.7 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 40.0 | 40.1 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00630 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00201 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00031 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00180 | Amount Added: | 4.00 | Units: uL | |
| VOA6IS/SURR_00079 | Amount Added: | 5.00 | Units: uL | Run Reagent |

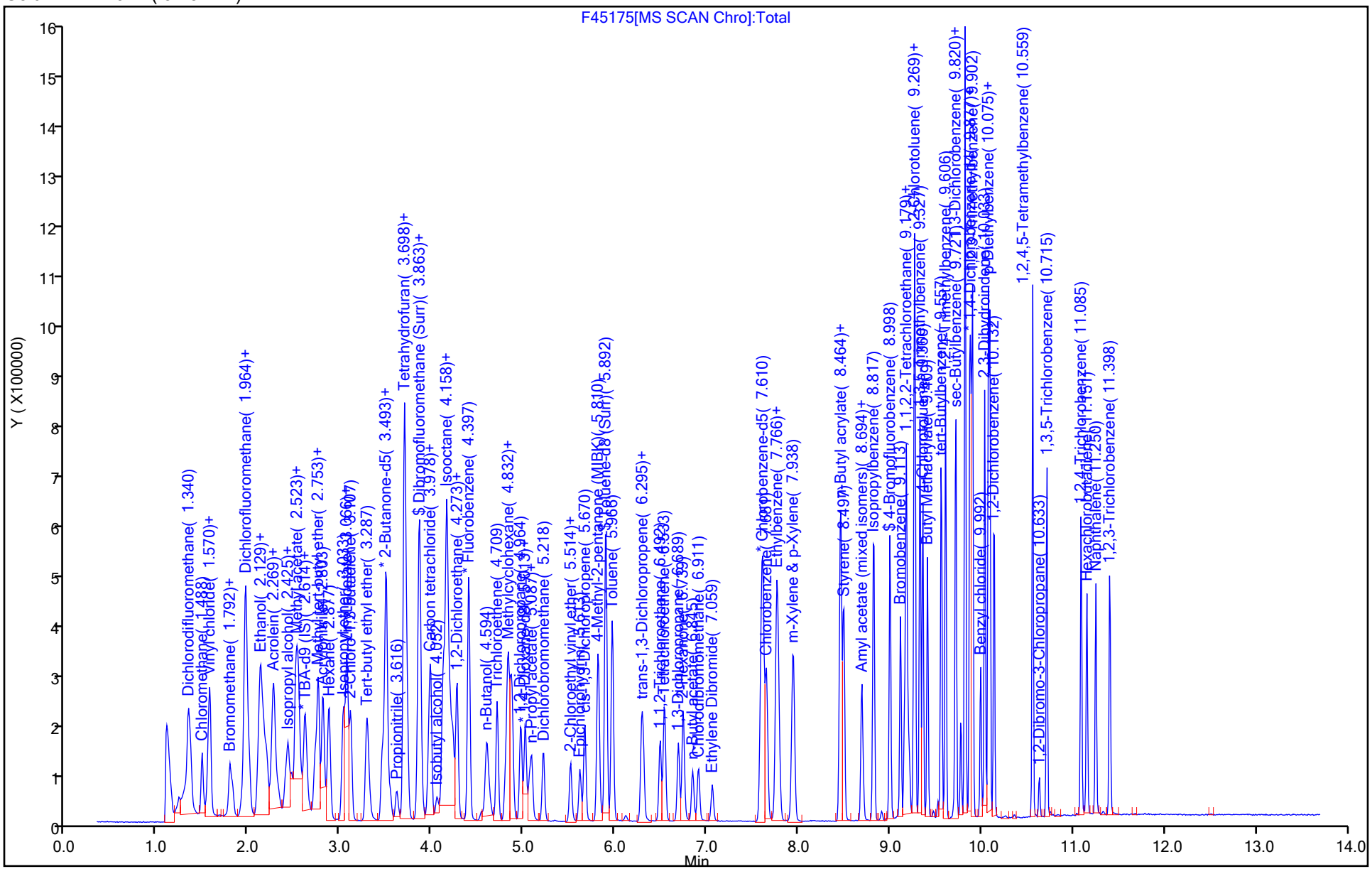
Report Date: 10-Mar-2025 13:26:44 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45175.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 08:13:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | LCS | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45175.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Mar-2025 08:13:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0187758-006
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 13:26:42 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: KG2Q Date: 10-Mar-2025 10:32:13

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 47.5 | 94.97 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.8 | 103.50 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 54.1 | 108.22 |
| $ 100 4-Bromofluorobenzene | 50.0 | 46.1 | 92.17 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1024987/24

Matrix: Water | Lab File ID: F45193.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 14:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 20.9 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 23.6 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 20.4 | | 1.0 | 0.22 |
| 108-88-3 | Toluene | 23.0 | | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 45.8 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 92 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 96 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 110 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45193.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Mar-2025 14:15:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLANK
Misc. Info.: 460-0187758-024
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 14:48:30 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: NN6A Date: 10-Mar-2025 14:48:30

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.340 | 1.340 | 0.000 | 99 | 158747 | 20.0 | 30.5 | |
| 2 Chloromethane | 50 | 1.471 | 1.479 | -0.008 | 100 | 128821 | 20.0 | 23.2 | |
| 3 Vinyl chloride | 62 | 1.545 | 1.545 | 0.000 | 99 | 107504 | 20.0 | 23.4 | |
| 4 Butadiene | 54 | 1.537 | 1.553 | -0.016 | 98 | 122969 | 20.0 | 25.8 | |
| 5 Bromomethane | 94 | 1.767 | 1.775 | -0.008 | 99 | 64613 | 20.0 | 20.9 | |
| 6 Chloroethane | 64 | 1.800 | 1.808 | -0.008 | 99 | 66173 | 20.0 | 21.8 | |
| 7 Dichlorofluoromethane | 67 | 1.940 | 1.948 | -0.008 | 99 | 189597 | 20.0 | 21.7 | |
| 9 Pentane | 72 | 1.956 | 1.956 | 0.000 | 96 | 31014 | 40.0 | 57.4 | |
| 8 Trichlorofluoromethane | 101 | 1.964 | 1.973 | -0.008 | 100 | 133644 | 20.0 | 23.5 | |
| 10 Ethanol | 46 | 2.088 | 2.088 | 0.000 | 69 | 7911 | 800.0 | 2348.1 | M |
| 11 Ethyl ether | 59 | 2.088 | 2.088 | 0.000 | 94 | 59694 | 20.0 | 19.7 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.112 | 2.112 | 0.000 | 92 | 84566 | 20.0 | 24.1 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.129 | 2.145 | -0.016 | 88 | 84373 | 20.0 | 23.7 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.170 | 2.178 | -0.008 | 94 | 143711 | 20.0 | 24.1 | |
| 16 Acrolein | 56 | 2.227 | 2.227 | 0.000 | 91 | 12231 | 40.0 | 30.2 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.244 | 2.252 | -0.008 | 95 | 104075 | 20.0 | 24.8 | |
| 17 1,1-Dichloroethene | 96 | 2.260 | 2.268 | -0.008 | 97 | 88580 | 20.0 | 20.9 | |
| 18 Acetone | 43 | 2.318 | 2.318 | 0.000 | 86 | 83178 | 100.0 | 106.8 | |
| 19 Isopropyl alcohol | 45 | 2.359 | 2.359 | 0.000 | 24 | 20725 | 200.0 | 202.1 | |
| 20 Iodomethane | 142 | 2.392 | 2.392 | 0.000 | 99 | 161367 | 20.0 | 20.3 | |
| 21 Carbon disulfide | 76 | 2.425 | 2.424 | 0.001 | 99 | 313756 | 20.0 | 23.0 | |
| 22 Methyl acetate | 43 | 2.490 | 2.498 | -0.008 | 99 | 88603 | 40.0 | 48.6 | |
| 23 3-Chloro-1-propene | 41 | 2.499 | 2.507 | -0.008 | 92 | 179014 | 20.0 | 25.2 | M |
| 32 Acetonitrile | 41 | 2.540 | 2.531 | 0.009 | 1 | 60847 | 200.0 | 207.9 | Ma |
| 24 Cyclopentene | 67 | 2.523 | 2.531 | -0.008 | 92 | 265620 | 20.0 | 31.2 | |
| * 25 TBA-d9 (IS) | 46 | 2.581 | 2.589 | -0.008 | 82 | 43441 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.597 | 2.605 | -0.008 | 96 | 99345 | 20.0 | 20.1 | |
| 27 2-Methyl-2-propanol | 59 | 2.622 | 2.630 | -0.008 | 40 | 59474 | 200.0 | 271.0 | a |
| 28 Methyl tert-butyl ether | 73 | 2.720 | 2.720 | 0.000 | 98 | 239289 | 20.0 | 20.4 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.745 | 2.753 | -0.008 | 98 | 89756 | 20.0 | 19.9 | |
| 30 Acrylonitrile | 53 | 2.794 | 2.802 | -0.008 | 93 | 234402 | 200.0 | 191.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Hexane | 43 | 2.868 | 2.868 | 0.000 | 94 | 79866 | 20.0 | 32.8 | |
| 33 Isopropyl ether | 45 | 3.024 | 3.024 | 0.000 | 95 | 285734 | 20.0 | 25.0 | |
| 34 Vinyl acetate | 86 | 3.049 | 3.057 | -0.008 | 100 | 19456 | 40.0 | 29.6 | |
| 35 1,1-Dichloroethane | 63 | 3.066 | 3.074 | -0.008 | 99 | 166083 | 20.0 | 21.9 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.098 | 3.106 | -0.008 | 93 | 77094 | 20.0 | 21.0 | |
| 37 Tert-butyl ethyl ether | 59 | 3.279 | 3.287 | -0.008 | 91 | 269537 | 20.0 | 21.8 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 95 | 149683 | 250.0 | 250.0 | |
| 40 Ethyl acetate | 70 | 3.485 | 3.484 | 0.001 | 97 | 12803 | 40.0 | 44.1 | |
| 39 2,2-Dichloropropane | 97 | 3.485 | 3.493 | -0.008 | 94 | 31112 | 20.0 | 22.5 | |
| 42 2-Butanone (MEK) | 72 | 3.493 | 3.493 | 0.000 | 96 | 30182 | 100.0 | 101.5 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.493 | 3.493 | 0.000 | 95 | 92976 | 20.0 | 19.6 | |
| 43 Methyl acrylate | 55 | 3.534 | 3.534 | 0.000 | 99 | 48262 | 20.0 | 20.2 | |
| 44 Propionitrile | 54 | 3.600 | 3.608 | -0.008 | 97 | 80681 | 200.0 | 212.3 | |
| 46 Tetrahydrofuran | 42 | 3.682 | 3.682 | 0.000 | 52 | 45106 | 40.0 | 46.4 | |
| 45 Chlorobromomethane | 128 | 3.682 | 3.690 | -0.008 | 89 | 42683 | 20.0 | 18.9 | |
| 47 Methacrylonitrile | 67 | 3.690 | 3.690 | 0.000 | 92 | 243688 | 200.0 | 190.4 | |
| 48 Chloroform | 83 | 3.715 | 3.723 | -0.008 | 99 | 151209 | 20.0 | 20.7 | |
| 49 Cyclohexane | 84 | 3.854 | 3.854 | 0.000 | 92 | 152637 | 20.0 | 26.2 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 82 | 111114 | 50.0 | 48.1 | |
| 51 1,1,1-Trichloroethane | 97 | 3.854 | 3.862 | -0.008 | 99 | 142653 | 20.0 | 22.3 | |
| 52 Carbon tetrachloride | 117 | 3.961 | 3.969 | -0.008 | 96 | 119256 | 20.0 | 22.7 | |
| 53 1,1-Dichloropropene | 75 | 3.978 | 3.977 | 0.001 | 96 | 115859 | 20.0 | 21.8 | |
| 54 Isobutyl alcohol | 43 | 4.043 | 4.051 | -0.008 | 92 | 33385 | 500.0 | 404.9 | |
| 134 Isooctane | 57 | 4.117 | 4.117 | 0.000 | 0 | 341250 | 20.0 | 24.7 | |
| 55 Benzene | 78 | 4.150 | 4.150 | 0.000 | 96 | 330010 | 20.0 | 20.9 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 92 | 124827 | 50.0 | 49.8 | |
| 57 Isopropyl acetate | 61 | 4.167 | 4.166 | 0.001 | 97 | 28235 | 20.0 | 22.1 | |
| 58 Tert-amyl methyl ether | 73 | 4.191 | 4.191 | 0.000 | 92 | 259968 | 20.0 | 21.3 | |
| 59 1,2-Dichloroethane | 62 | 4.224 | 4.224 | 0.000 | 97 | 102731 | 20.0 | 20.9 | |
| 60 n-Heptane | 57 | 4.265 | 4.265 | 0.000 | 92 | 66194 | 20.0 | 31.8 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.001 | 98 | 415755 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.627 | 4.627 | 0.000 | 89 | 27751 | 500.0 | 426.7 | |
| 63 Trichloroethene | 95 | 4.701 | 4.709 | -0.008 | 98 | 84397 | 20.0 | 20.7 | |
| 64 Ethyl acrylate | 55 | 4.824 | 4.824 | 0.000 | 98 | 244007 | 20.0 | 28.8 | |
| 65 Methylcyclohexane | 83 | 4.824 | 4.824 | 0.000 | 93 | 171474 | 20.0 | 25.6 | |
| 66 1,2-Dichloropropane | 63 | 4.964 | 4.963 | 0.001 | 93 | 86201 | 20.0 | 23.4 | |
| * 67 1,4-Dioxane-d8 | 96 | 4.996 | 5.005 | -0.009 | 52 | 13678 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.013 | 5.013 | 0.000 | 88 | 30259 | 40.0 | 39.5 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.062 | -0.008 | 99 | 78336 | 20.0 | 22.4 | |
| 69 1,4-Dioxane | 88 | 5.062 | 5.070 | -0.008 | 30 | 11630 | 400.0 | 461.1 | |
| 71 Dibromomethane | 93 | 5.079 | 5.087 | -0.008 | 95 | 46069 | 20.0 | 18.4 | |
| 72 Dichlorobromomethane | 83 | 5.210 | 5.210 | 0.000 | 99 | 96781 | 20.0 | 19.9 | |
| 73 2-Chloroethyl vinyl ether | 63 | 5.506 | 5.506 | 0.000 | 78 | 37913 | 20.0 | 21.3 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.514 | -0.008 | 77 | 26254 | 40.0 | 34.1 | |
| 75 Epichlorohydrin | 57 | 5.605 | 5.613 | -0.008 | 99 | 102843 | 400.0 | 421.4 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 93 | 110946 | 20.0 | 19.6 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.810 | 5.810 | 0.000 | 97 | 303348 | 100.0 | 123.7 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 416665 | 50.0 | 55.2 | |
| 79 Toluene | 91 | 5.958 | 5.966 | -0.008 | 93 | 327888 | 20.0 | 23.0 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.286 | -0.008 | 98 | 88558 | 20.0 | 19.4 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.303 | 0.000 | 90 | 83574 | 20.0 | 21.0 | |
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.492 | -0.008 | 94 | 50728 | 20.0 | 21.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 93 | 76148 | 20.0 | 21.5 | |
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.689 | -0.008 | 92 | 104173 | 20.0 | 22.6 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 96 | 180870 | 100.0 | 103.5 | |
| 86 n-Butyl acetate | 43 | 6.837 | 6.845 | -0.008 | 99 | 90594 | 20.0 | 19.7 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.911 | -0.008 | 98 | 60332 | 20.0 | 19.1 | |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.059 | -0.008 | 99 | 56954 | 20.0 | 19.1 | |
| * 89 Chlorobenzene-d5 | 117 | 7.601 | 7.609 | -0.008 | 89 | 277749 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.642 | 7.650 | -0.008 | 93 | 202624 | 20.0 | 21.6 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.765 | -0.008 | 99 | 115823 | 20.0 | 23.6 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.774 | 7.782 | -0.008 | 93 | 79145 | 20.0 | 20.9 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 141719 | 20.0 | 23.0 | |
| 94 n-Butyl acrylate | 73 | 8.448 | 8.456 | -0.008 | 97 | 51848 | 20.0 | 17.0 | |
| 95 o-Xylene | 106 | 8.456 | 8.464 | -0.008 | 93 | 151949 | 20.0 | 22.8 | |
| 96 Styrene | 104 | 8.489 | 8.497 | -0.008 | 95 | 218313 | 20.0 | 22.2 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 130716 | 20.0 | 20.5 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 95 | 35387 | 20.0 | 18.1 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 97 | 366035 | 20.0 | 21.8 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 86 | 110212 | 50.0 | 45.9 | |
| 101 Bromobenzene | 156 | 9.113 | 9.113 | 0.000 | 98 | 85925 | 20.0 | 21.3 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.154 | 9.154 | 0.000 | 98 | 77890 | 20.0 | 20.5 | |
| 103 N-Propylbenzene | 91 | 9.171 | 9.179 | -0.008 | 99 | 466172 | 20.0 | 26.1 | |
| 104 1,2,3-Trichloropropane | 110 | 9.195 | 9.195 | 0.000 | 98 | 22410 | 20.0 | 19.8 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.212 | 9.212 | 0.000 | 78 | 14673 | 20.0 | 20.6 | |
| 106 2-Chlorotoluene | 91 | 9.261 | 9.261 | 0.000 | 96 | 334803 | 20.0 | 25.3 | |
| 107 4-Ethyltoluene | 105 | 9.269 | 9.269 | 0.000 | 98 | 383680 | 20.0 | 25.7 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.327 | 9.327 | 0.000 | 93 | 348203 | 20.0 | 25.0 | |
| 109 4-Chlorotoluene | 91 | 9.351 | 9.360 | -0.009 | 98 | 282899 | 20.0 | 23.2 | |
| 110 Butyl Methacrylate | 87 | 9.409 | 9.409 | 0.000 | 91 | 116643 | 20.0 | 21.0 | |
| 111 tert-Butylbenzene | 119 | 9.557 | 9.557 | 0.000 | 93 | 271646 | 20.0 | 22.8 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.606 | 9.606 | 0.000 | 98 | 357724 | 20.0 | 24.7 | |
| 113 sec-Butylbenzene | 105 | 9.713 | 9.713 | 0.000 | 98 | 435130 | 20.0 | 24.9 | |
| 114 4-Isopropyltoluene | 119 | 9.812 | 9.820 | -0.008 | 97 | 383138 | 20.0 | 25.3 | |
| 115 1,3-Dichlorobenzene | 146 | 9.812 | 9.820 | -0.008 | 70 | 179921 | 20.0 | 22.3 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.869 | 9.869 | 0.000 | 95 | 166081 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.886 | 9.885 | 0.001 | 94 | 179205 | 20.0 | 21.3 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.894 | 9.902 | -0.008 | 98 | 377986 | 20.0 | 24.2 | |
| 119 Benzyl chloride | 91 | 9.984 | 9.984 | 0.000 | 99 | 135739 | 20.0 | 16.1 | |
| 120 2,3-Dihydroindene | 117 | 10.025 | 10.033 | -0.008 | 94 | 324226 | 20.0 | 21.9 | |
| 121 p-Diethylbenzene | 119 | 10.066 | 10.074 | -0.008 | 93 | 238677 | 20.0 | 25.2 | |
| 122 n-Butylbenzene | 92 | 10.083 | 10.091 | -0.008 | 97 | 203619 | 20.0 | 24.9 | |
| 123 1,2-Dichlorobenzene | 146 | 10.124 | 10.132 | -0.008 | 93 | 180112 | 20.0 | 21.9 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.543 | 10.551 | -0.008 | 97 | 378854 | 20.0 | 23.2 | |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.617 | 10.625 | -0.008 | 96 | 15322 | 20.0 | 18.0 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.691 | 10.707 | -0.016 | 97 | 159932 | 20.0 | 22.9 | |
| 127 1,2,4-Trichlorobenzene | 180 | 11.069 | 11.085 | -0.016 | 94 | 140466 | 20.0 | 23.9 | |
| 128 Hexachlorobutadiene | 225 | 11.126 | 11.151 | -0.025 | 92 | 59325 | 20.0 | 23.2 | |
| 129 Naphthalene | 128 | 11.225 | 11.241 | -0.016 | 99 | 416519 | 20.0 | 33.1 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.373 | 11.397 | -0.024 | 95 | 121254 | 20.0 | 24.8 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 39.5 | |
| S 132 Total BTEX | 1 | | | | 0 | | 100.0 | 113.2 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 40.0 | 45.8 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00630 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00201 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00031 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00180 | Amount Added: | 4.00 | Units: uL | |
| VOA6IS/SURR_00079 | Amount Added: | 5.00 | Units: uL | Run Reagent |

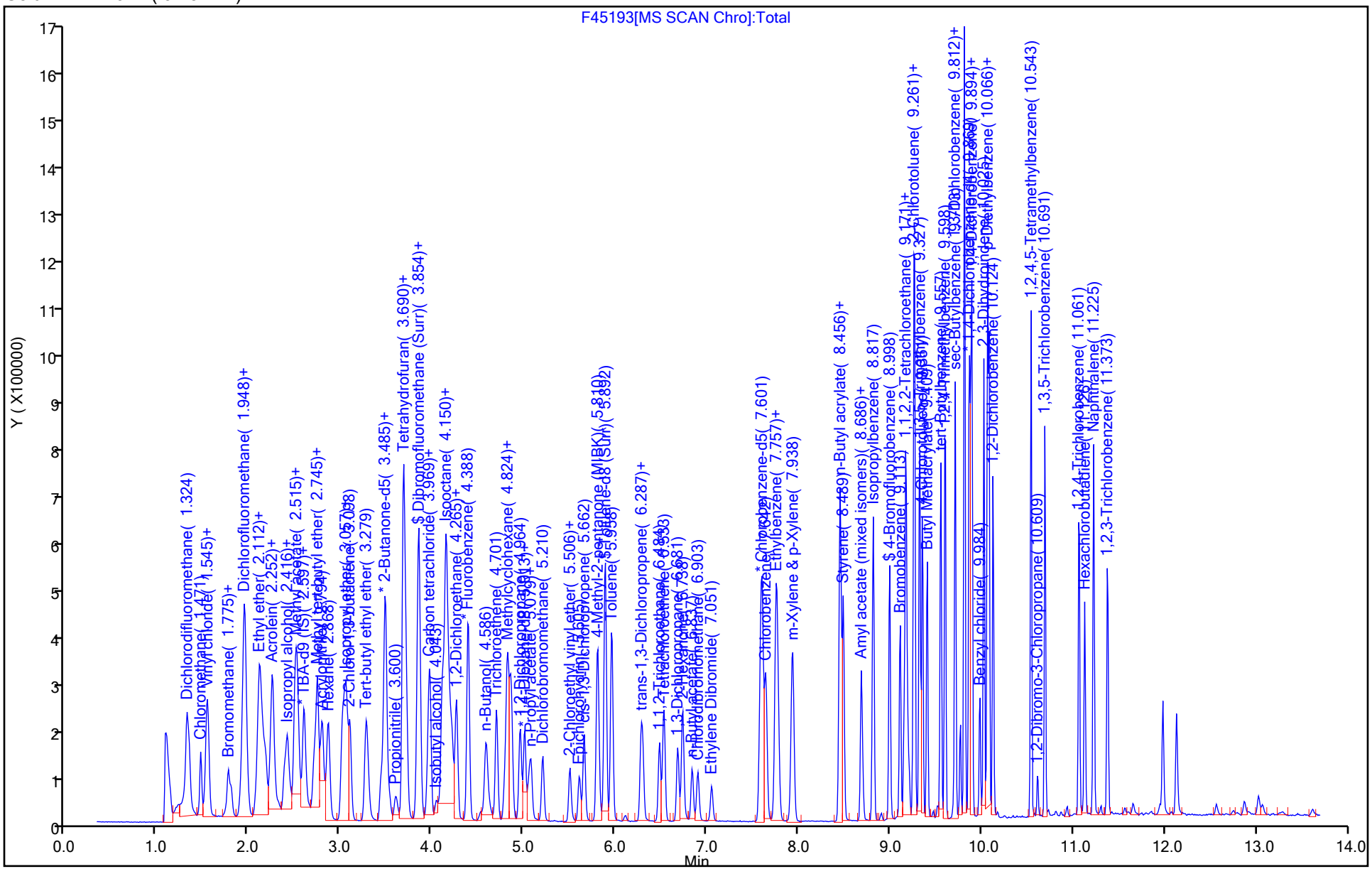
Report Date: 10-Mar-2025 14:48:31 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45193.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 14:15:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | LCSD | | | Worklist Smp#: | 24 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 23 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45193.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Mar-2025 14:15:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLANK
Misc. Info.: 460-0187758-024
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 14:48:30 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: NN6A Date: 10-Mar-2025 14:48:30

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.1 | 96.14 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.8 | 99.67 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 55.2 | 110.41 |
| $ 100 4-Bromofluorobenzene | 50.0 | 45.9 | 91.85 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-09S1 MS | Lab Sample ID: 460-321765-6 MS

Matrix: Water | Lab File ID: F45191.D

Analysis Method: 8260D | Date Collected: 03/04/2025 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 23.8 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 27.2 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 23.1 | | 1.0 | 0.22 |
| 108-88-3 | Toluene | 27.7 | | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 66.1 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 108 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 92 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 97 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 109 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45191.D
Lims ID: 460-321765-B-6 MS
Client ID: HHMW-09S1
Sample Type: MS
Inject. Date: 10-Mar-2025 13:36:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-6 MS
Misc. Info.: 460-0187758-022
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 14:46:56 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: NN6A Date: 10-Mar-2025 13:59:40

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.332 | 1.340 | -0.008 | 99 | 158945 | 20.0 | 37.8 | |
| 2 Chloromethane | 50 | 1.463 | 1.479 | -0.016 | 100 | 132850 | 20.0 | 29.6 | |
| 3 Vinyl chloride | 62 | 1.537 | 1.545 | -0.008 | 99 | 109562 | 20.0 | 29.5 | |
| 4 Butadiene | 54 | 1.529 | 1.553 | -0.024 | 98 | 122915 | 20.0 | 31.8 | |
| 5 Bromomethane | 94 | 1.767 | 1.775 | -0.008 | 99 | 64539 | 20.0 | 25.8 | |
| 6 Chloroethane | 64 | 1.792 | 1.808 | -0.016 | 100 | 63920 | 20.0 | 26.0 | |
| 7 Dichlorofluoromethane | 67 | 1.932 | 1.948 | -0.016 | 99 | 194611 | 20.0 | 27.4 | |
| 9 Pentane | 72 | 1.940 | 1.956 | -0.016 | 97 | 29911 | 40.0 | 62.9 | |
| 8 Trichlorofluoromethane | 101 | 1.956 | 1.973 | -0.016 | 99 | 137447 | 20.0 | 29.9 | |
| 10 Ethanol | 46 | 2.071 | 2.088 | -0.017 | 67 | 5638 | 800.0 | 1837.0 | M |
| 11 Ethyl ether | 59 | 2.079 | 2.088 | -0.009 | 97 | 55422 | 20.0 | 22.6 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.104 | 2.112 | -0.008 | 97 | 78187 | 20.0 | 27.5 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.129 | 2.145 | -0.016 | 94 | 81991 | 20.0 | 28.4 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.170 | 2.178 | -0.008 | 95 | 141646 | 20.0 | 29.3 | |
| 16 Acrolein | 56 | 2.219 | 2.227 | -0.008 | 35 | 11707 | 40.0 | 31.7 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.236 | 2.252 | -0.016 | 95 | 97761 | 20.0 | 28.8 | |
| 17 1,1-Dichloroethene | 96 | 2.260 | 2.268 | -0.008 | 97 | 81652 | 20.0 | 23.8 | |
| 18 Acetone | 43 | 2.309 | 2.318 | -0.009 | 78 | 78865 | 100.0 | 111.2 | |
| 19 Isopropyl alcohol | 45 | 2.351 | 2.359 | -0.008 | 50 | 20651 | 200.0 | 221.1 | |
| 20 Iodomethane | 142 | 2.383 | 2.392 | -0.009 | 99 | 147312 | 20.0 | 22.9 | |
| 21 Carbon disulfide | 76 | 2.416 | 2.424 | -0.008 | 99 | 284466 | 20.0 | 25.7 | |
| 22 Methyl acetate | 43 | 2.490 | 2.498 | -0.008 | 54 | 73374 | 40.0 | 44.2 | |
| 23 3-Chloro-1-propene | 41 | 2.498 | 2.507 | -0.009 | 88 | 161535 | 20.0 | 28.1 | M |
| 32 Acetonitrile | 41 | 2.531 | 2.531 | 0.000 | 26 | 58331 | 200.0 | 218.8 | Ma |
| 24 Cyclopentene | 67 | 2.523 | 2.531 | -0.008 | 94 | 245121 | 20.0 | 35.6 | |
| * 25 TBA-d9 (IS) | 46 | 2.564 | 2.589 | -0.025 | 99 | 39572 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.597 | 2.605 | -0.008 | 96 | 88799 | 20.0 | 22.2 | |
| 27 2-Methyl-2-propanol | 59 | 2.622 | 2.630 | -0.008 | 36 | 55057 | 200.0 | 275.4 | a |
| 28 Methyl tert-butyl ether | 73 | 2.712 | 2.720 | -0.008 | 97 | 219890 | 20.0 | 23.1 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.745 | 2.753 | -0.008 | 98 | 83462 | 20.0 | 22.9 | |
| 30 Acrylonitrile | 53 | 2.794 | 2.802 | -0.008 | 94 | 217219 | 200.0 | 218.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Hexane | 43 | 2.860 | 2.868 | -0.008 | 94 | 75041 | 20.0 | 38.0 | |
| 33 Isopropyl ether | 45 | 3.024 | 3.024 | 0.000 | 92 | 260475 | 20.0 | 28.1 | |
| 34 Vinyl acetate | 86 | 3.049 | 3.057 | -0.008 | 100 | 22812 | 40.0 | 42.8 | |
| 35 1,1-Dichloroethane | 63 | 3.065 | 3.074 | -0.009 | 99 | 153837 | 20.0 | 25.0 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.098 | 3.106 | -0.008 | 92 | 73712 | 20.0 | 24.8 | |
| 37 Tert-butyl ethyl ether | 59 | 3.279 | 3.287 | -0.008 | 89 | 248260 | 20.0 | 24.8 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 98 | 131727 | 250.0 | 250.0 | |
| 40 Ethyl acetate | 70 | 3.485 | 3.484 | 0.000 | 97 | 12769 | 40.0 | 48.3 | |
| 39 2,2-Dichloropropane | 97 | 3.485 | 3.493 | -0.009 | 96 | 30418 | 20.0 | 27.2 | |
| 42 2-Butanone (MEK) | 72 | 3.493 | 3.493 | 0.000 | 96 | 29312 | 100.0 | 112.0 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.485 | 3.493 | -0.009 | 97 | 85526 | 20.0 | 22.3 | |
| 43 Methyl acrylate | 55 | 3.534 | 3.534 | 0.000 | 98 | 43170 | 20.0 | 22.4 | |
| 44 Propionitrile | 54 | 3.600 | 3.608 | -0.008 | 97 | 76729 | 200.0 | 221.6 | |
| 46 Tetrahydrofuran | 42 | 3.673 | 3.682 | -0.009 | 53 | 41563 | 40.0 | 47.0 | |
| 45 Chlorobromomethane | 128 | 3.682 | 3.690 | -0.008 | 90 | 40069 | 20.0 | 21.9 | |
| 47 Methacrylonitrile | 67 | 3.690 | 3.690 | 0.000 | 92 | 227010 | 200.0 | 219.0 | |
| 48 Chloroform | 83 | 3.715 | 3.723 | -0.008 | 99 | 140393 | 20.0 | 23.7 | |
| 49 Cyclohexane | 84 | 3.846 | 3.854 | -0.008 | 91 | 141822 | 20.0 | 30.0 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.846 | 3.854 | -0.008 | 95 | 90427 | 50.0 | 48.3 | |
| 51 1,1,1-Trichloroethane | 97 | 3.854 | 3.862 | -0.008 | 98 | 136059 | 20.0 | 26.2 | |
| 52 Carbon tetrachloride | 117 | 3.953 | 3.969 | -0.016 | 96 | 112916 | 20.0 | 26.6 | |
| 53 1,1-Dichloropropene | 75 | 3.969 | 3.977 | -0.008 | 96 | 110243 | 20.0 | 25.6 | |
| 54 Isobutyl alcohol | 43 | 4.043 | 4.051 | -0.008 | 94 | 38862 | 500.0 | 517.4 | |
| 134 Isooctane | 57 | 4.109 | 4.117 | -0.008 | 0 | 314172 | 20.0 | 28.1 | |
| 55 Benzene | 78 | 4.142 | 4.150 | -0.008 | 97 | 303122 | 20.0 | 23.8 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.150 | 4.158 | -0.008 | 95 | 109676 | 50.0 | 54.1 | |
| 57 Isopropyl acetate | 61 | 4.167 | 4.166 | 0.000 | 97 | 27666 | 20.0 | 27.1 | |
| 58 Tert-amyl methyl ether | 73 | 4.183 | 4.191 | -0.008 | 92 | 246714 | 20.0 | 24.9 | |
| 59 1,2-Dichloroethane | 62 | 4.216 | 4.224 | -0.008 | 97 | 96536 | 20.0 | 24.2 | |
| 60 n-Heptane | 57 | 4.265 | 4.265 | 0.000 | 91 | 64970 | 20.0 | 38.5 | |
| * 61 Fluorobenzene | 96 | 4.388 | 4.396 | -0.008 | 98 | 336717 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.618 | 4.627 | -0.009 | 91 | 27707 | 500.0 | 467.7 | |
| 63 Trichloroethene | 95 | 4.701 | 4.709 | -0.008 | 97 | 76110 | 20.0 | 23.0 | |
| 64 Ethyl acrylate | 55 | 4.816 | 4.824 | -0.008 | 98 | 228254 | 20.0 | 33.3 | |
| 65 Methylcyclohexane | 83 | 4.816 | 4.824 | -0.008 | 94 | 159592 | 20.0 | 29.4 | |
| 66 1,2-Dichloropropane | 63 | 4.964 | 4.963 | 0.001 | 93 | 77708 | 20.0 | 26.0 | |
| * 67 1,4-Dioxane-d8 | 96 | 5.005 | 5.005 | 0.000 | 90 | 13479 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.013 | 5.013 | 0.000 | 88 | 28880 | 40.0 | 46.6 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.062 | -0.008 | 98 | 66520 | 20.0 | 23.5 | |
| 69 1,4-Dioxane | 88 | 5.046 | 5.070 | -0.024 | 30 | 11327 | 400.0 | 455.7 | |
| 71 Dibromomethane | 93 | 5.079 | 5.087 | -0.008 | 95 | 42206 | 20.0 | 20.8 | |
| 72 Dichlorobromomethane | 83 | 5.210 | 5.210 | 0.000 | 99 | 87275 | 20.0 | 22.1 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.514 | -0.008 | 99 | 23834 | 40.0 | 38.2 | |
| 75 Epichlorohydrin | 57 | 5.604 | 5.613 | -0.009 | 100 | 80021 | 400.0 | 360.0 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 93 | 104297 | 20.0 | 22.8 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.802 | 5.810 | -0.008 | 97 | 296090 | 100.0 | 137.2 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 332282 | 50.0 | 54.6 | |
| 79 Toluene | 91 | 5.958 | 5.966 | -0.008 | 94 | 318937 | 20.0 | 27.7 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.286 | -0.008 | 97 | 81949 | 20.0 | 22.3 | |
| 81 Ethyl methacrylate | 69 | 6.295 | 6.303 | -0.008 | 90 | 81323 | 20.0 | 25.3 | |
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.492 | -0.008 | 95 | 47674 | 20.0 | 24.8 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 95 | 70882 | 20.0 | 24.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.689 | -0.008 | 94 | 92332 | 20.0 | 24.9 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 96 | 175808 | 100.0 | 114.3 | |
| 86 n-Butyl acetate | 43 | 6.837 | 6.845 | -0.008 | 99 | 89661 | 20.0 | 24.2 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.911 | -0.008 | 98 | 56257 | 20.0 | 22.1 | |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.059 | -0.008 | 97 | 51169 | 20.0 | 21.2 | |
| * 89 Chlorobenzene-d5 | 117 | 7.601 | 7.609 | -0.008 | 88 | 224028 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.642 | 7.650 | -0.008 | 93 | 182123 | 20.0 | 24.1 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.765 | -0.008 | 99 | 108000 | 20.0 | 27.2 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.774 | 7.782 | -0.008 | 94 | 71837 | 20.0 | 23.5 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 160688 | 20.0 | 32.4 | |
| 94 n-Butyl acrylate | 73 | 8.448 | 8.456 | -0.008 | 97 | 52712 | 20.0 | 21.4 | |
| 95 o-Xylene | 106 | 8.456 | 8.464 | -0.008 | 93 | 181413 | 20.0 | 33.8 | |
| 96 Styrene | 104 | 8.489 | 8.497 | -0.008 | 95 | 255577 | 20.0 | 32.2 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 138630 | 20.0 | 26.5 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 95 | 32085 | 20.0 | 20.3 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 341847 | 20.0 | 25.2 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 89 | 89213 | 50.0 | 46.1 | |
| 101 Bromobenzene | 156 | 9.105 | 9.113 | -0.008 | 97 | 79392 | 20.0 | 24.0 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.154 | -0.008 | 98 | 75293 | 20.0 | 24.1 | |
| 103 N-Propylbenzene | 91 | 9.171 | 9.179 | -0.008 | 99 | 431018 | 20.0 | 29.4 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.195 | -0.008 | 97 | 21466 | 20.0 | 23.2 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.212 | -0.009 | 78 | 15366 | 20.0 | 26.3 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.261 | -0.008 | 96 | 304626 | 20.0 | 28.1 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.269 | -0.008 | 98 | 390188 | 20.0 | 31.9 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.319 | 9.327 | -0.008 | 93 | 350854 | 20.0 | 30.7 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.360 | -0.017 | 98 | 261481 | 20.0 | 26.2 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.409 | -0.017 | 91 | 111623 | 20.0 | 24.6 | |
| 111 tert-Butylbenzene | 119 | 9.540 | 9.557 | -0.017 | 94 | 253801 | 20.0 | 26.0 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.590 | 9.606 | -0.016 | 98 | 383689 | 20.0 | 32.3 | |
| 113 sec-Butylbenzene | 105 | 9.696 | 9.713 | -0.017 | 99 | 412856 | 20.0 | 28.8 | |
| 114 4-Isopropyltoluene | 119 | 9.795 | 9.820 | -0.025 | 97 | 357190 | 20.0 | 28.8 | |
| 115 1,3-Dichlorobenzene | 146 | 9.795 | 9.820 | -0.025 | 68 | 160827 | 20.0 | 24.4 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.844 | 9.869 | -0.025 | 97 | 136064 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.861 | 9.885 | -0.024 | 92 | 163936 | 20.0 | 23.8 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.877 | 9.902 | -0.025 | 98 | 422862 | 20.0 | 33.1 | |
| 119 Benzyl chloride | 91 | 9.959 | 9.984 | -0.025 | 99 | 142629 | 20.0 | 20.6 | a |
| 120 2,3-Dihydroindene | 117 | 10.001 | 10.033 | -0.032 | 94 | 321379 | 20.0 | 26.5 | a |
| 121 p-Diethylbenzene | 119 | 10.042 | 10.074 | -0.032 | 94 | 259387 | 20.0 | 33.5 | |
| 122 n-Butylbenzene | 92 | 10.058 | 10.091 | -0.033 | 97 | 187302 | 20.0 | 28.0 | |
| 123 1,2-Dichlorobenzene | 146 | 10.099 | 10.132 | -0.033 | 94 | 168873 | 20.0 | 25.1 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.510 | 10.551 | -0.041 | 97 | 398213 | 20.0 | 29.8 | a |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.584 | 10.625 | -0.041 | 94 | 14614 | 20.0 | 20.9 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.658 | 10.707 | -0.049 | 97 | 146330 | 20.0 | 25.5 | |
| 127 1,2,4-Trichlorobenzene | 180 | 11.028 | 11.085 | -0.057 | 94 | 131605 | 20.0 | 27.3 | |
| 128 Hexachlorobutadiene | 225 | 11.093 | 11.151 | -0.058 | 94 | 54963 | 20.0 | 26.2 | |
| 129 Naphthalene | 128 | 11.184 | 11.241 | -0.057 | 99 | 1518621 | 20.0 | 147.3 | |
| 130 1,2,3-Trichlorobenzene | 180 | 11.340 | 11.397 | -0.057 | 96 | 114935 | 20.0 | 28.6 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 45.2 | |
| S 132 Total BTEX | 1 | | | | 0 | | 100.0 | 144.8 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 40.0 | 66.1 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00630 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00201 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00031 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00180 | Amount Added: | 4.00 | Units: uL | |
| VOA6IS/SURR_00079 | Amount Added: | 5.00 | Units: uL | Run Reagent |

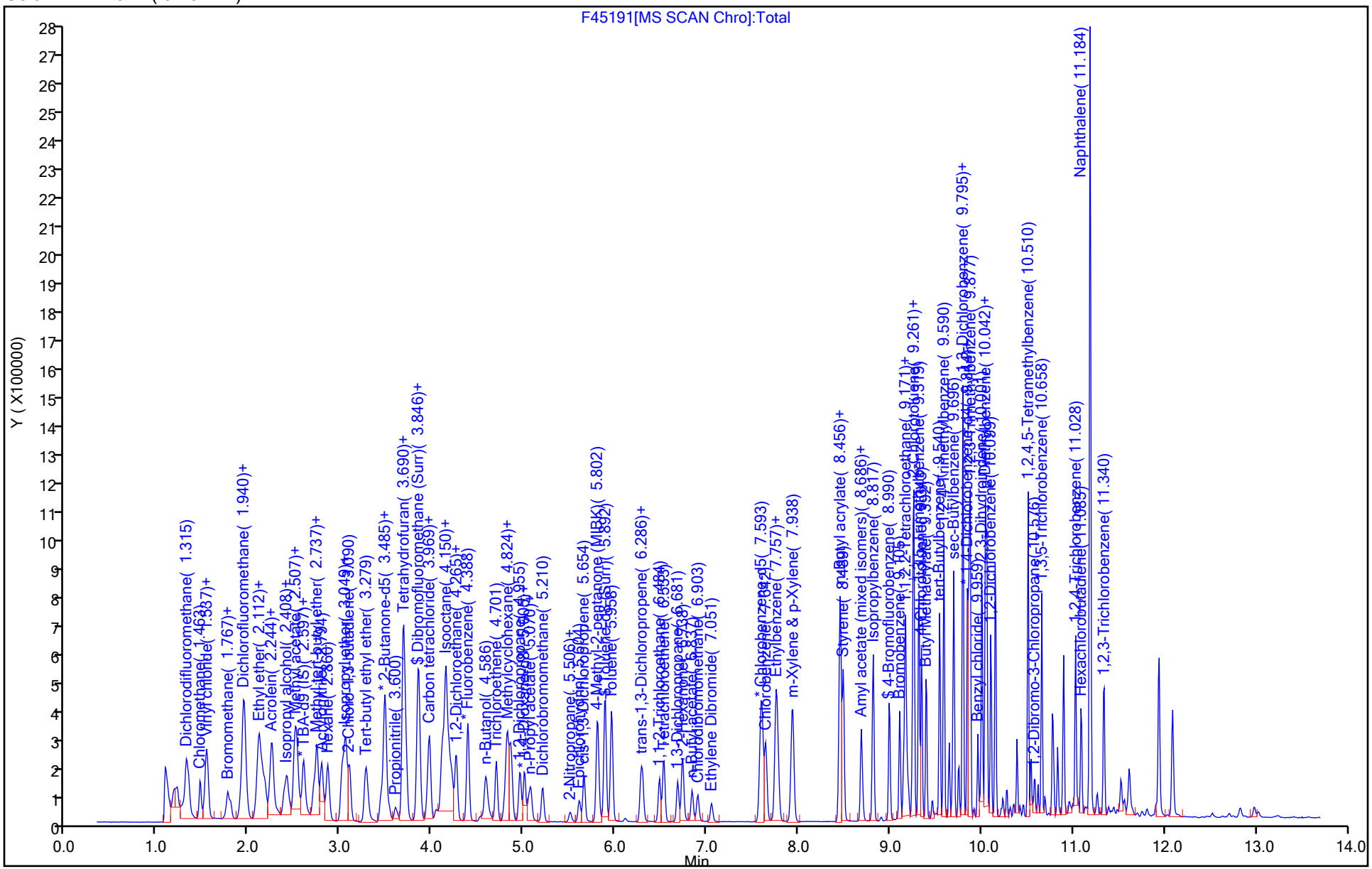
Report Date: 10-Mar-2025 14:47:04 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45191.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Mar-2025 13:36:30 | Instrument ID: | CVOAMS6 | Operator ID: | |
| Lims ID: | 460-321765-B-6 MS | | | Worklist Smp#: | 22 |
| Client ID: | HHMW-09S1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | 8260624W6 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45191.D
Lims ID: 460-321765-B-6 MS
Client ID: HHMW-09S1
Sample Type: MS
Inject. Date: 10-Mar-2025 13:36:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-6 MS
Misc. Info.: 460-0187758-022
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 14:46:56 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: NN6A Date: 10-Mar-2025 13:59:40

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.3 | 96.61 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 54.1 | 108.13 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 54.6 | 109.17 |
| $ 100 4-Bromofluorobenzene | 50.0 | 46.1 | 92.18 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-09S1 MSD | Lab Sample ID: 460-321765-6 MSD

Matrix: Water | Lab File ID: F45192.D

Analysis Method: 8260D | Date Collected: 03/04/2025 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/10/2025 13:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1024987 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS6

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 18.2 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 20.9 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 17.5 | | 1.0 | 0.22 |
| 108-88-3 | Toluene | 21.3 | | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 50.9 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 94 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 96 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 109 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45192.D
Lims ID: 460-321765-B-6 MSD
Client ID: HHMW-09S1
Sample Type: MSD
Inject. Date: 10-Mar-2025 13:55:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-6 MSD
Misc. Info.: 460-0187758-023
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 14:46:37 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: NN6A Date: 10-Mar-2025 14:46:37

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 1.340 | 1.340 | 0.000 | 93 | 161968 | 20.0 | 29.4 | |
| 2 Chloromethane | 50 | 1.471 | 1.479 | -0.008 | 100 | 130658 | 20.0 | 22.3 | |
| 3 Vinyl chloride | 62 | 1.545 | 1.545 | 0.000 | 98 | 110061 | 20.0 | 22.6 | |
| 4 Butadiene | 54 | 1.537 | 1.553 | -0.016 | 98 | 120191 | 20.0 | 23.8 | |
| 5 Bromomethane | 94 | 1.775 | 1.775 | 0.000 | 99 | 65135 | 20.0 | 19.9 | |
| 6 Chloroethane | 64 | 1.808 | 1.808 | 0.000 | 100 | 65203 | 20.0 | 20.3 | |
| 7 Dichlorofluoromethane | 67 | 1.948 | 1.948 | 0.000 | 99 | 198695 | 20.0 | 21.4 | |
| 9 Pentane | 72 | 1.956 | 1.956 | 0.000 | 97 | 30279 | 40.0 | 49.9 | |
| 8 Trichlorofluoromethane | 101 | 1.964 | 1.973 | -0.008 | 98 | 141003 | 20.0 | 23.5 | |
| 10 Ethanol | 46 | 2.071 | 2.088 | -0.017 | 34 | 4864 | 800.0 | 1270.8 | |
| 11 Ethyl ether | 59 | 2.088 | 2.088 | 0.000 | 94 | 55493 | 20.0 | 17.3 | |
| 12 2-Methyl-1,3-butadiene | 53 | 2.112 | 2.112 | 0.000 | 97 | 78736 | 20.0 | 21.2 | |
| 13 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.137 | 2.145 | -0.008 | 96 | 78491 | 20.0 | 20.8 | |
| 14 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.178 | 2.178 | 0.000 | 95 | 134101 | 20.0 | 21.2 | |
| 16 Acrolein | 56 | 2.227 | 2.227 | 0.000 | 26 | 11837 | 40.0 | 25.7 | |
| 15 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.244 | 2.252 | -0.008 | 95 | 99798 | 20.0 | 22.5 | |
| 17 1,1-Dichloroethene | 96 | 2.268 | 2.268 | 0.000 | 97 | 82750 | 20.0 | 18.5 | |
| 18 Acetone | 43 | 2.309 | 2.318 | -0.009 | 87 | 78427 | 100.0 | 88.7 | |
| 19 Isopropyl alcohol | 45 | 2.359 | 2.359 | 0.000 | 97 | 20809 | 200.0 | 178.6 | |
| 20 Iodomethane | 142 | 2.392 | 2.392 | 0.000 | 99 | 146619 | 20.0 | 17.4 | |
| 21 Carbon disulfide | 76 | 2.425 | 2.424 | 0.001 | 99 | 287582 | 20.0 | 19.9 | |
| 22 Methyl acetate | 43 | 2.498 | 2.498 | 0.000 | 99 | 79641 | 40.0 | 38.4 | |
| 23 3-Chloro-1-propene | 41 | 2.507 | 2.507 | 0.000 | 91 | 166170 | 20.0 | 22.1 | M |
| 32 Acetonitrile | 41 | 2.540 | 2.531 | 0.009 | 1 | 54774 | 200.0 | 164.7 | Ma |
| 24 Cyclopentene | 67 | 2.531 | 2.531 | 0.000 | 96 | 244205 | 20.0 | 27.1 | |
| * 25 TBA-d9 (IS) | 46 | 2.564 | 2.589 | -0.025 | 90 | 49351 | 1000.0 | 1000.0 | |
| 26 Methylene Chloride | 84 | 2.605 | 2.605 | 0.000 | 93 | 90328 | 20.0 | 17.3 | |
| 27 2-Methyl-2-propanol | 59 | 2.630 | 2.630 | 0.000 | 91 | 54811 | 200.0 | 219.9 | a |
| 28 Methyl tert-butyl ether | 73 | 2.720 | 2.720 | 0.000 | 97 | 217222 | 20.0 | 17.5 | |
| 29 trans-1,2-Dichloroethene | 96 | 2.753 | 2.753 | 0.000 | 98 | 82964 | 20.0 | 17.4 | |
| 30 Acrylonitrile | 53 | 2.803 | 2.802 | 0.000 | 94 | 216387 | 200.0 | 166.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Hexane | 43 | 2.868 | 2.868 | 0.000 | 93 | 72128 | 20.0 | 28.0 | |
| 33 Isopropyl ether | 45 | 3.024 | 3.024 | 0.000 | 93 | 262406 | 20.0 | 21.7 | |
| 34 Vinyl acetate | 86 | 3.057 | 3.057 | 0.000 | 100 | 22600 | 40.0 | 32.4 | |
| 35 1,1-Dichloroethane | 63 | 3.065 | 3.074 | -0.009 | 100 | 151728 | 20.0 | 18.9 | |
| 36 2-Chloro-1,3-butadiene | 88 | 3.107 | 3.106 | 0.001 | 91 | 72723 | 20.0 | 18.7 | |
| 37 Tert-butyl ethyl ether | 59 | 3.287 | 3.287 | 0.000 | 89 | 245822 | 20.0 | 18.8 | |
| * 38 2-Butanone-d5 | 46 | 3.443 | 3.443 | 0.000 | 93 | 168204 | 250.0 | 250.0 | |
| 40 Ethyl acetate | 70 | 3.485 | 3.484 | 0.000 | 97 | 11075 | 40.0 | 33.6 | |
| 39 2,2-Dichloropropane | 97 | 3.485 | 3.493 | -0.009 | 94 | 30520 | 20.0 | 20.9 | |
| 42 2-Butanone (MEK) | 72 | 3.485 | 3.493 | -0.009 | 96 | 28498 | 100.0 | 85.3 | |
| 41 cis-1,2-Dichloroethene | 96 | 3.493 | 3.493 | 0.000 | 95 | 86075 | 20.0 | 17.2 | |
| 43 Methyl acrylate | 55 | 3.534 | 3.534 | 0.000 | 100 | 42445 | 20.0 | 16.8 | |
| 44 Propionitrile | 54 | 3.600 | 3.608 | -0.008 | 97 | 74475 | 200.0 | 172.5 | |
| 46 Tetrahydrofuran | 42 | 3.682 | 3.682 | 0.000 | 56 | 40107 | 40.0 | 36.3 | |
| 45 Chlorobromomethane | 128 | 3.682 | 3.690 | -0.008 | 89 | 38167 | 20.0 | 16.0 | |
| 47 Methacrylonitrile | 67 | 3.690 | 3.690 | 0.000 | 92 | 229327 | 200.0 | 169.3 | |
| 48 Chloroform | 83 | 3.723 | 3.723 | 0.000 | 99 | 139356 | 20.0 | 18.0 | |
| 49 Cyclohexane | 84 | 3.854 | 3.854 | 0.000 | 91 | 142599 | 20.0 | 23.1 | |
| $ 50 Dibromofluoromethane (Surr) | 113 | 3.854 | 3.854 | 0.000 | 90 | 117944 | 50.0 | 48.2 | |
| 51 1,1,1-Trichloroethane | 97 | 3.854 | 3.862 | -0.008 | 83 | 131390 | 20.0 | 19.4 | |
| 52 Carbon tetrachloride | 117 | 3.961 | 3.969 | -0.008 | 97 | 113767 | 20.0 | 20.5 | |
| 53 1,1-Dichloropropene | 75 | 3.978 | 3.977 | 0.001 | 96 | 108001 | 20.0 | 19.2 | |
| 54 Isobutyl alcohol | 43 | 4.043 | 4.051 | -0.008 | 92 | 37506 | 500.0 | 400.4 | |
| 134 Isooctane | 57 | 4.117 | 4.117 | 0.000 | 0 | 319217 | 20.0 | 21.9 | |
| 55 Benzene | 78 | 4.150 | 4.150 | 0.000 | 96 | 303364 | 20.0 | 18.2 | |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 65 | 4.158 | 4.158 | 0.000 | 92 | 134758 | 50.0 | 50.8 | |
| 57 Isopropyl acetate | 61 | 4.167 | 4.166 | 0.001 | 97 | 26597 | 20.0 | 19.4 | |
| 58 Tert-amyl methyl ether | 73 | 4.191 | 4.191 | 0.000 | 92 | 247092 | 20.0 | 19.1 | |
| 59 1,2-Dichloroethane | 62 | 4.224 | 4.224 | 0.000 | 98 | 93760 | 20.0 | 18.0 | |
| 60 n-Heptane | 57 | 4.265 | 4.265 | 0.000 | 93 | 63232 | 20.0 | 28.7 | |
| * 61 Fluorobenzene | 96 | 4.397 | 4.396 | 0.001 | 98 | 440008 | 50.0 | 50.0 | |
| 62 n-Butanol | 56 | 4.627 | 4.627 | 0.000 | 88 | 27246 | 500.0 | 368.8 | |
| 63 Trichloroethene | 95 | 4.701 | 4.709 | -0.008 | 98 | 75688 | 20.0 | 17.5 | |
| 64 Ethyl acrylate | 55 | 4.824 | 4.824 | 0.000 | 83 | 228051 | 20.0 | 25.5 | |
| 65 Methylcyclohexane | 83 | 4.824 | 4.824 | 0.000 | 95 | 162241 | 20.0 | 22.9 | |
| 66 1,2-Dichloropropane | 63 | 4.964 | 4.963 | 0.001 | 93 | 76759 | 20.0 | 19.7 | |
| * 67 1,4-Dioxane-d8 | 96 | 4.996 | 5.005 | -0.009 | 91 | 14636 | 1000.0 | 1000.0 | |
| 68 Methyl methacrylate | 100 | 5.013 | 5.013 | 0.000 | 87 | 26721 | 40.0 | 33.0 | |
| 70 n-Propyl acetate | 43 | 5.054 | 5.062 | -0.008 | 98 | 68682 | 20.0 | 18.6 | |
| 69 1,4-Dioxane | 88 | 5.054 | 5.070 | -0.016 | 29 | 10758 | 400.0 | 398.6 | |
| 71 Dibromomethane | 93 | 5.079 | 5.087 | -0.008 | 94 | 42387 | 20.0 | 16.0 | |
| 72 Dichlorobromomethane | 83 | 5.210 | 5.210 | 0.000 | 100 | 87594 | 20.0 | 17.0 | |
| 74 2-Nitropropane | 41 | 5.506 | 5.514 | -0.008 | 98 | 23776 | 40.0 | 29.2 | |
| 75 Epichlorohydrin | 57 | 5.613 | 5.613 | 0.000 | 99 | 79361 | 400.0 | 286.3 | |
| 76 cis-1,3-Dichloropropene | 75 | 5.662 | 5.662 | 0.000 | 92 | 104300 | 20.0 | 17.4 | |
| 77 4-Methyl-2-pentanone (MIBK) | 43 | 5.810 | 5.810 | 0.000 | 96 | 299067 | 100.0 | 108.5 | |
| $ 78 Toluene-d8 (Surr) | 98 | 5.892 | 5.892 | 0.000 | 99 | 435043 | 50.0 | 54.6 | |
| 79 Toluene | 91 | 5.966 | 5.966 | 0.000 | 93 | 320698 | 20.0 | 21.3 | |
| 80 trans-1,3-Dichloropropene | 75 | 6.278 | 6.286 | -0.008 | 98 | 81398 | 20.0 | 16.9 | |
| 81 Ethyl methacrylate | 69 | 6.303 | 6.303 | 0.000 | 89 | 80572 | 20.0 | 19.1 | |
| 82 1,1,2-Trichloroethane | 83 | 6.484 | 6.492 | -0.008 | 95 | 48178 | 20.0 | 19.1 | |
| 83 Tetrachloroethene | 166 | 6.533 | 6.533 | 0.000 | 94 | 71038 | 20.0 | 19.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 1,3-Dichloropropane | 76 | 6.681 | 6.689 | -0.008 | 94 | 93840 | 20.0 | 19.3 | |
| 85 2-Hexanone | 43 | 6.738 | 6.738 | 0.000 | 96 | 176844 | 100.0 | 90.1 | |
| 86 n-Butyl acetate | 43 | 6.837 | 6.845 | -0.008 | 99 | 90421 | 20.0 | 18.6 | |
| 87 Chlorodibromomethane | 129 | 6.903 | 6.911 | -0.008 | 98 | 57172 | 20.0 | 17.1 | |
| 88 Ethylene Dibromide | 107 | 7.051 | 7.059 | -0.008 | 99 | 51759 | 20.0 | 16.4 | |
| * 89 Chlorobenzene-d5 | 117 | 7.601 | 7.609 | -0.008 | 89 | 293443 | 50.0 | 50.0 | |
| 90 Chlorobenzene | 112 | 7.642 | 7.650 | -0.008 | 93 | 183978 | 20.0 | 18.6 | |
| 91 Ethylbenzene | 106 | 7.757 | 7.765 | -0.008 | 99 | 108733 | 20.0 | 20.9 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.774 | 7.782 | -0.008 | 94 | 71540 | 20.0 | 17.9 | |
| 93 m-Xylene & p-Xylene | 106 | 7.938 | 7.938 | 0.000 | 99 | 162386 | 20.0 | 25.0 | |
| 94 n-Butyl acrylate | 73 | 8.448 | 8.456 | -0.008 | 98 | 51534 | 20.0 | 16.0 | |
| 95 o-Xylene | 106 | 8.456 | 8.464 | -0.008 | 93 | 182784 | 20.0 | 26.0 | |
| 96 Styrene | 104 | 8.489 | 8.497 | -0.008 | 95 | 253170 | 20.0 | 24.4 | |
| 97 Amyl acetate (mixed isomers) | 43 | 8.686 | 8.686 | 0.000 | 92 | 140721 | 20.0 | 20.9 | |
| 98 Bromoform | 173 | 8.702 | 8.702 | 0.000 | 94 | 32432 | 20.0 | 15.7 | |
| 99 Isopropylbenzene | 105 | 8.817 | 8.817 | 0.000 | 96 | 341861 | 20.0 | 19.2 | |
| $ 100 4-Bromofluorobenzene | 174 | 8.998 | 8.998 | 0.000 | 88 | 118645 | 50.0 | 46.8 | |
| 101 Bromobenzene | 156 | 9.105 | 9.113 | -0.008 | 96 | 77503 | 20.0 | 18.2 | |
| 102 1,1,2,2-Tetrachloroethane | 83 | 9.146 | 9.154 | -0.008 | 98 | 74999 | 20.0 | 18.6 | |
| 103 N-Propylbenzene | 91 | 9.171 | 9.179 | -0.008 | 99 | 435775 | 20.0 | 23.1 | |
| 104 1,2,3-Trichloropropane | 110 | 9.187 | 9.195 | -0.008 | 98 | 21389 | 20.0 | 17.9 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.203 | 9.212 | -0.009 | 79 | 14965 | 20.0 | 19.9 | |
| 106 2-Chlorotoluene | 91 | 9.253 | 9.261 | -0.008 | 96 | 304796 | 20.0 | 21.8 | |
| 107 4-Ethyltoluene | 105 | 9.261 | 9.269 | -0.008 | 98 | 394370 | 20.0 | 25.0 | |
| 108 1,3,5-Trimethylbenzene | 105 | 9.319 | 9.327 | -0.008 | 93 | 350052 | 20.0 | 23.8 | |
| 109 4-Chlorotoluene | 91 | 9.343 | 9.360 | -0.017 | 97 | 261091 | 20.0 | 20.3 | |
| 110 Butyl Methacrylate | 87 | 9.392 | 9.409 | -0.017 | 93 | 109675 | 20.0 | 18.7 | |
| 111 tert-Butylbenzene | 119 | 9.540 | 9.557 | -0.017 | 93 | 253750 | 20.0 | 20.2 | |
| 112 1,2,4-Trimethylbenzene | 105 | 9.590 | 9.606 | -0.016 | 98 | 380354 | 20.0 | 24.8 | |
| 113 sec-Butylbenzene | 105 | 9.696 | 9.713 | -0.017 | 99 | 409910 | 20.0 | 22.2 | |
| 114 4-Isopropyltoluene | 119 | 9.795 | 9.820 | -0.025 | 97 | 356526 | 20.0 | 22.3 | |
| 115 1,3-Dichlorobenzene | 146 | 9.795 | 9.820 | -0.025 | 69 | 162908 | 20.0 | 19.1 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.844 | 9.869 | -0.025 | 97 | 175445 | 50.0 | 50.0 | |
| 117 1,4-Dichlorobenzene | 146 | 9.861 | 9.885 | -0.024 | 94 | 161915 | 20.0 | 18.3 | |
| 118 1,2,3-Trimethylbenzene | 105 | 9.877 | 9.902 | -0.025 | 99 | 417619 | 20.0 | 25.3 | |
| 119 Benzyl chloride | 91 | 9.959 | 9.984 | -0.025 | 99 | 137476 | 20.0 | 15.4 | a |
| 120 2,3-Dihydroindene | 117 | 10.001 | 10.033 | -0.032 | 94 | 321303 | 20.0 | 20.5 | a |
| 121 p-Diethylbenzene | 119 | 10.042 | 10.074 | -0.032 | 94 | 257971 | 20.0 | 25.8 | |
| 122 n-Butylbenzene | 92 | 10.058 | 10.091 | -0.033 | 97 | 187388 | 20.0 | 21.7 | |
| 123 1,2-Dichlorobenzene | 146 | 10.099 | 10.132 | -0.033 | 95 | 169495 | 20.0 | 19.5 | |
| 124 1,2,4,5-Tetramethylbenzene | 119 | 10.510 | 10.551 | -0.041 | 97 | 404285 | 20.0 | 23.5 | a |
| 125 1,2-Dibromo-3-Chloropropane | 157 | 10.576 | 10.625 | -0.049 | 97 | 14890 | 20.0 | 16.5 | |
| 126 1,3,5-Trichlorobenzene | 180 | 10.658 | 10.707 | -0.049 | 97 | 146250 | 20.0 | 19.8 | |
| 127 1,2,4-Trichlorobenzene | 180 | 11.028 | 11.085 | -0.057 | 95 | 129396 | 20.0 | 20.8 | |
| 128 Hexachlorobutadiene | 225 | 11.085 | 11.151 | -0.066 | 92 | 53977 | 20.0 | 19.9 | |
| 129 Naphthalene | 128 | 11.184 | 11.241 | -0.057 | 99 | 1580075 | 20.0 | 118.9 | a |
| 130 1,2,3-Trichlorobenzene | 180 | 11.332 | 11.397 | -0.065 | 95 | 113970 | 20.0 | 22.0 | |
| S 131 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 34.6 | |
| S 132 Total BTEX | 1 | | | | 0 | | 100.0 | 111.3 | |
| S 133 Xylenes, Total | 100 | | | | 0 | | 40.0 | 50.9 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00630 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00201 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00031 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00180 | Amount Added: | 4.00 | Units: uL | |
| VOA6IS/SURR_00079 | Amount Added: | 5.00 | Units: uL | Run Reagent |

Report Date: 10-Mar-2025 14:46:38 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45192.D

Injection Date: 10-Mar-2025 13:55:30 Instrument ID: CVOAMS6 Operator ID:

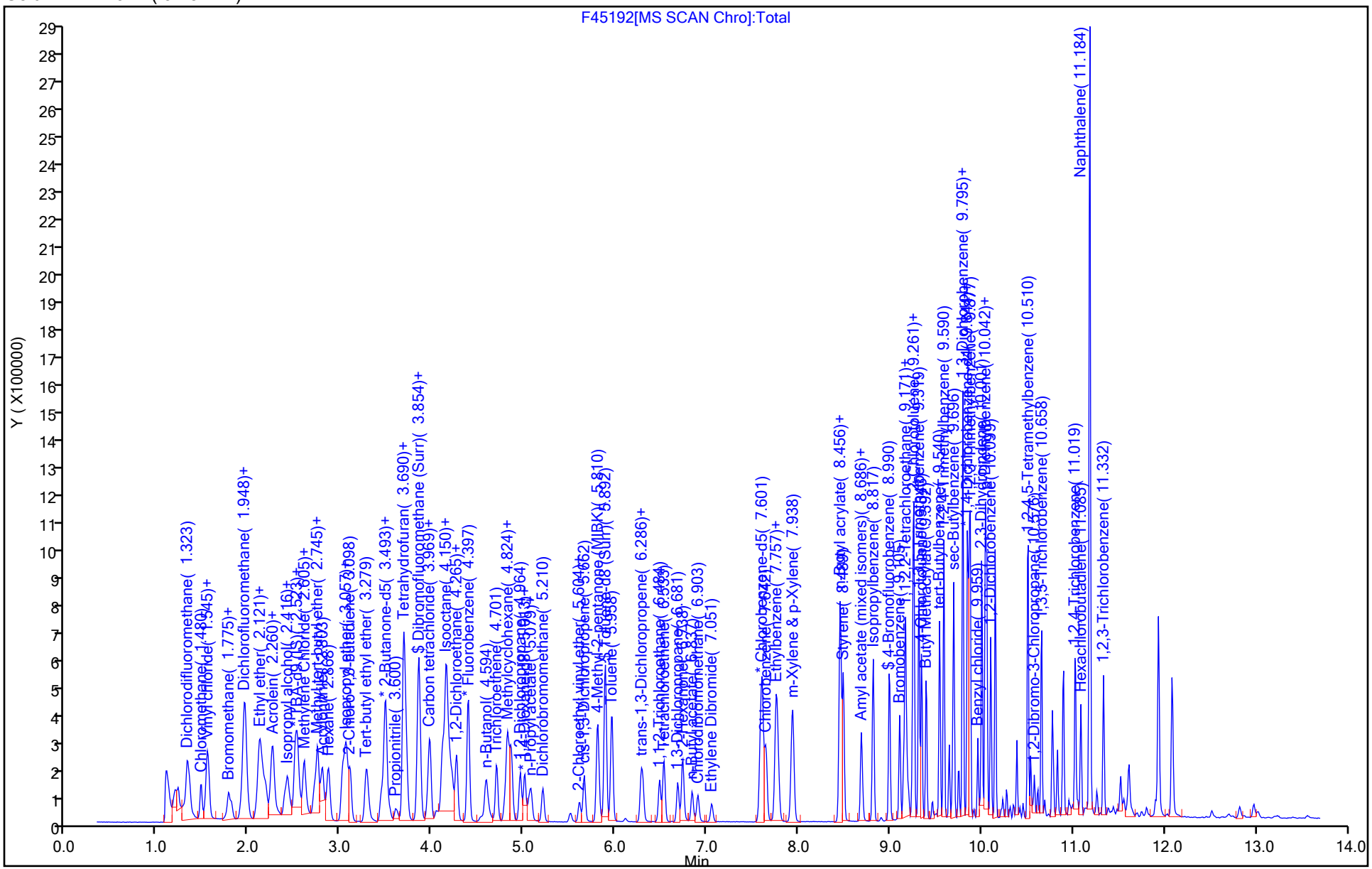
Lims ID: 460-321765-B-6 MSD Worklist Smp#: 23

Client ID: HHMW-09S1

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 22

Method: 8260624W6 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\F45192.D
Lims ID: 460-321765-B-6 MSD
Client ID: HHMW-09S1
Sample Type: MSD
Inject. Date: 10-Mar-2025 13:55:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-321765-B-6 MSD
Misc. Info.: 460-0187758-023
Operator ID: Instrument ID: CVOAMS6

Method: \\chromfs\Edison\ChromData\CVOAMS6\20250310-187758.b\8260624W6.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 10-Mar-2025 14:46:37 Calib Date: 16-Jan-2025 06:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20250116-185847.b\F43691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1637

First Level Reviewer: NN6A Date: 10-Mar-2025 14:46:37

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 50 Dibromofluoromethane (Surr) | 50.0 | 48.2 | 96.43 |
| $ 56 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.8 | 101.67 |
| $ 78 Toluene-d8 (Surr) | 50.0 | 54.6 | 109.12 |
| $ 100 4-Bromofluorobenzene | 50.0 | 46.8 | 93.59 |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 01/16/2025 03:31

Analysis Batch Number: 1016764 End Date: 01/16/2025 09:12

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-1016764/1 | | 01/16/2025 03:31 | 1 | F43683.D | Rtx-624 0.25(mm) |
| STD7 460-1016764/3 IC | | 01/16/2025 04:11 | 1 | F43685.D | Rtx-624 0.25(mm) |
| STD1 460-1016764/4 IC | | 01/16/2025 04:31 | 1 | F43686.D | Rtx-624 0.25(mm) |
| STD5 460-1016764/5 IC | | 01/16/2025 04:51 | 1 | F43687.D | Rtx-624 0.25(mm) |
| STD20 460-1016764/6 ICIS | | 01/16/2025 05:11 | 1 | F43688.D | Rtx-624 0.25(mm) |
| STD50 460-1016764/7 IC | | 01/16/2025 05:31 | 1 | F43689.D | Rtx-624 0.25(mm) |
| STD200 460-1016764/8 IC | | 01/16/2025 05:51 | 1 | F43690.D | Rtx-624 0.25(mm) |
| STD500 460-1016764/9 IC | | 01/16/2025 06:11 | 1 | F43691.D | Rtx-624 0.25(mm) |
| ICV 460-1016764/18 | | 01/16/2025 09:12 | 1 | F43700.D | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 03/10/2025 07:27

Analysis Batch Number: 1024987 End Date: 03/10/2025 17:52

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1024987/4 | | 03/10/2025 07:27 | 1 | F45173.D | Rtx-624 0.25(mm) |
| LCS 460-1024987/6 | | 03/10/2025 08:13 | 1 | F45175.D | Rtx-624 0.25(mm) |
| MB 460-1024987/10 | | 03/10/2025 09:40 | 1 | F45179.D | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 03/10/2025 09:59 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 03/10/2025 10:19 | 10 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 03/10/2025 10:58 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 03/10/2025 11:18 | 20 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 03/10/2025 11:37 | 5 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 03/10/2025 11:57 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 03/10/2025 12:17 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 03/10/2025 12:37 | 10 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 03/10/2025 12:56 | 10 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 03/10/2025 13:16 | 10 | | Rtx-624 0.25(mm) |
| 460-321765-6 MS | HHMW-09S1 MS | 03/10/2025 13:36 | 1 | F45191.D | Rtx-624 0.25(mm) |
| 460-321765-6 MSD | HHMW-09S1 MSD | 03/10/2025 13:55 | 1 | F45192.D | Rtx-624 0.25(mm) |
| LCSD 460-1024987/24 | | 03/10/2025 14:15 | 1 | F45193.D | Rtx-624 0.25(mm) |
| 460-321765-2 | FB-030425 | 03/10/2025 15:34 | 1 | F45197.D | Rtx-624 0.25(mm) |
| 460-321765-6 | HHMW-09S1 | 03/10/2025 15:54 | 1 | F45198.D | Rtx-624 0.25(mm) |
| 460-321765-3 | HHMW-05S2-R | 03/10/2025 16:13 | 1 | F45199.D | Rtx-624 0.25(mm) |
| 460-321765-4 | HHMW-19S1 | 03/10/2025 16:33 | 1 | F45200.D | Rtx-624 0.25(mm) |
| 460-321765-5 | MW-03 | 03/10/2025 16:52 | 1 | F45201.D | Rtx-624 0.25(mm) |
| 460-321765-7 | HHMW-14 | 03/10/2025 17:12 | 1 | F45202.D | Rtx-624 0.25(mm) |
| 460-321765-8 | DUP-01 | 03/10/2025 17:32 | 1 | F45203.D | Rtx-624 0.25(mm) |
| 460-321765-1 | TB-030425 | 03/10/2025 17:52 | 1 | F45204.D | Rtx-624 0.25(mm) |

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Batch Number: 1016764  Batch Start Date: 01/16/25 03:31  Batch Analyst: Boykin, Kenneth

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | 14DIOXINTER 00177 | 524FREONS 00029 | 7 Freons Hi 00023 | 7 Freons SS 00022 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1016764/1 | | 8260D | | | 5 mL | 5 mL | | | | |
| STD7 460-1016764/3 IC | | 8260D | | | 5 mL | 5 mL | | | | |
| STD1 460-1016764/4 IC | | 8260D | | | 5 mL | 5 mL | 30 uL | 10 uL | | |
| STD5 460-1016764/5 IC | | 8260D | | | 5 mL | 5 mL | | 10 uL | | |
| STD20 460-1016764/6 ICIS | | 8260D | | | 5 mL | 5 mL | | 20 uL | | |
| STD50 460-1016764/7 IC | | 8260D | | | 5 mL | 5 mL | | 50 uL | | |
| STD200 460-1016764/8 IC | | 8260D | | | 5 mL | 5 mL | | | 20 uL | |
| STD500 460-1016764/9 IC | | 8260D | | | 5 mL | 5 mL | | | 50 uL | |
| ICV 460-1016764/18 | | 8260D | | | 5 mL | 5 mL | | | | 20 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260 SP 00188 | 8260MIX1COMB 00199 | ACROLEIN SP 00173 | ACROLEIN W 00178 | ACRY/EPIH MIX 00133 | BFB 00038 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1016764/1 | | 8260D | | | | | | | | 1 uL |
| STD7 460-1016764/3 IC | | 8260D | | | | | | | 20 uL | |
| STD1 460-1016764/4 IC | | 8260D | | | | 10 uL | | 4 uL | | |
| STD5 460-1016764/5 IC | | 8260D | | | | 10 uL | | 4 uL | | |
| STD20 460-1016764/6 ICIS | | 8260D | | | | 20 uL | | 4 uL | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Batch Number: 1016764  Batch Start Date: 01/16/25 03:31  Batch Analyst: Boykin, Kenneth

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260 SP 00188 | 8260MIX1COMB 00199 | ACROLEIN SP 00173 | ACROLEIN W 00178 | ACRY/EPIH MIX 00133 | BFB 00038 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD50 460-1016764/7 IC | | 8260D | | | | 50 uL | | 10 uL | | |
| STD200 460-1016764/8 IC | | 8260D | | | | | | 20 uL | | |
| STD500 460-1016764/9 IC | | 8260D | | | | | | 40 uL | | |
| ICV 460-1016764/18 | | 8260D | | | 20 uL | | 4 uL | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | Ethanol mix 00097 | GAS C SP 00604 | GAS Hi 00487 | GASES Li 00621 | MIX 2 Hi 00157 | MIX I Hi 00184 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1016764/1 | | 8260D | | | | | | | | |
| STD7 460-1016764/3 IC | | 8260D | | | | | | 2.5 uL | | |
| STD1 460-1016764/4 IC | | 8260D | | | | | | 10 uL | | |
| STD5 460-1016764/5 IC | | 8260D | | | | | | 10 uL | | |
| STD20 460-1016764/6 ICIS | | 8260D | | | | | | 20 uL | | |
| STD50 460-1016764/7 IC | | 8260D | | | | | | 50 uL | | |
| STD200 460-1016764/8 IC | | 8260D | | | 20 uL | | 20 uL | | 20 uL | 20 uL |
| STD500 460-1016764/9 IC | | 8260D | | | 50 uL | | 50 uL | | 50 uL | 50 uL |
| ICV 460-1016764/18 | | 8260D | | | | 20 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.: 460-321765-1

SDG No.:

Batch Number: 1016764  Batch Start Date: 01/16/25 03:31  Batch Analyst: Boykin, Kenneth

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | VMTBA500 00059 | VOA6IS/SURR 00078 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1016764/1 | | 8260D | | | | | | | | |
| STD7 460-1016764/3 IC | | 8260D | | | 2 uL | 5 uL | | | | |
| STD1 460-1016764/4 IC | | 8260D | | | | 5 uL | | | | |
| STD5 460-1016764/5 IC | | 8260D | | | | 5 uL | | | | |
| STD20 460-1016764/6 ICIS | | 8260D | | | | 5 uL | | | | |
| STD50 460-1016764/7 IC | | 8260D | | | | 5 uL | | | | |
| STD200 460-1016764/8 IC | | 8260D | | | | 5 uL | | | | |
| STD500 460-1016764/9 IC | | 8260D | | | | 5 uL | | | | |
| ICV 460-1016764/18 | | 8260D | | | | 5 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.: 460-321765-1

SDG No.:

Batch Number: 1024987  Batch Start Date: 03/10/25 07:27  Batch Analyst: Moroney, Christopher J

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | Initial pH | 524FREONS 00031 | 8260MIX1COMB 00201 | ACROLEIN W 00180 |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1024987/4 | | 8260D | | | 5 mL | 5 mL | | 20 uL | 20 uL | 4 uL |
| LCS 460-1024987/6 | | 8260D | | | 5 mL | 5 mL | | 20 uL | 20 uL | 4 uL |
| MB 460-1024987/10 | | 8260D | | | 5 mL | 5 mL | | | | |
| 460-321765-B-6 MS | HHMW-09S1 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | 20 uL | 20 uL | 4 uL |
| 460-321765-B-6 MSD | HHMW-09S1 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | 20 uL | 20 uL | 4 uL |
| LCSD 460-1024987/24 | | 8260D | | | 5 mL | 5 mL | | 20 uL | 20 uL | 4 uL |
| 460-321765-B-2 | FB-030425 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | | |
| 460-321765-B-6 | HHMW-09S1 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | | |
| 460-321765-B-3 | HHMW-05S2-R | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | | |
| 460-321765-B-4 | HHMW-19S1 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | | |
| 460-321765-B-5 | MW-03 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | | |
| 460-321765-B-7 | HHMW-14 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | | |
| 460-321765-B-8 | DUP-01 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | | |
| 460-321765-B-1 | TB-030425 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | GASES Li 00630 | VOA6IS/SURR 00079 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1024987/4 | | 8260D | | | 20 uL | 5 uL | | | | |
| LCS 460-1024987/6 | | 8260D | | | 20 uL | 5 uL | | | | |
| MB 460-1024987/10 | | 8260D | | | | 5 uL | | | | |
| 460-321765-B-6 MS | HHMW-09S1 | 8260D | Water | T | 20 uL | 5 uL | | | | |
| 460-321765-B-6 MSD | HHMW-09S1 | 8260D | Water | T | 20 uL | 5 uL | | | | |
| LCSD 460-1024987/24 | | 8260D | | | 20 uL | 5 uL | | | | |
| 460-321765-B-2 | FB-030425 | 8260D | Water | T | | 5 uL | | | | |
| 460-321765-B-6 | HHMW-09S1 | 8260D | Water | T | | 5 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.: 460-321765-1

SDG No.:

Batch Number: 1024987  Batch Start Date: 03/10/25 07:27  Batch Analyst: Moroney, Christopher J

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | GASES Li 00630 | VOA6IS/SURR 00079 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 460-321765-B-3 | HHMW-05S2-R | 8260D | Water | T | | 5 uL | | | | |
| 460-321765-B-4 | HHMW-19S1 | 8260D | Water | T | | 5 uL | | | | |
| 460-321765-B-5 | MW-03 | 8260D | Water | T | | 5 uL | | | | |
| 460-321765-B-7 | HHMW-14 | 8260D | Water | T | | 5 uL | | | | |
| 460-321765-B-8 | DUP-01 | 8260D | Water | T | | 5 uL | | | | |
| 460-321765-B-1 | TB-030425 | 8260D | Water | T | | 5 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.

# 8270E

## Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

| Client Sample ID | Lab Sample ID | NBZ # | FBP # | TPHL # |
|---|---|---|---|---|
| FB-030425 | 460-321765-2 | 59 | 56 | 17 |
| HHMW-05S2-R | 460-321765-3 | 75 | 70 | 24 |
| HHMW-19S1 | 460-321765-4 | 73 | 68 | 19 |
| MW-03 | 460-321765-5 | 73 | 68 | 24 |
| HHMW-09S1 | 460-321765-6 | 74 | 67 | 18 |
| HHMW-14 | 460-321765-7 | 71 | 66 | 22 |
| DUP-01 | 460-321765-8 | 76 | 74 | 22 |
| | MB 460-1024840/1-A | 87 | 89 | 67 |
| | LCS 460-1024840/2-A | 84 | 85 | 64 |
| | LCSD 460-1024840/3-A | 85 | 84 | 65 |
| HHMW-09S1 MS | 460-321765-6 MS | 78 | 76 | 35 |
| HHMW-09S1 MSD | 460-321765-6 MSD | 72 | 66 | 26 |

| | QC LIMITS |
|---|---|
| NBZ = Nitrobenzene-d5 (Surr) | 51-145 |
| FBP = 2-Fluorobiphenyl | 46-139 |
| TPHL = Terphenyl-d14 (Surr) | 13-159 |

# Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M348488.D

Lab ID: LCS 460-1024840/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 57.6 | 72 | 42-134 | |
| Acenaphthene | 80.0 | 65.2 | 82 | 62-127 | |
| Acenaphthylene | 80.0 | 70.7 | 88 | 58-122 | |
| Anthracene | 80.0 | 67.3 | 84 | 67-127 | |
| Benzo[a]anthracene | 80.0 | 68.0 | 85 | 71-131 | |
| Benzo[a]pyrene | 80.0 | 74.2 | 93 | 75-148 | |
| Benzo[b]fluoranthene | 80.0 | 70.8 | 88 | 70-140 | |
| Benzo[g,h,i]perylene | 80.0 | 61.4 | 77 | 52-143 | |
| Benzo[k]fluoranthene | 80.0 | 70.2 | 88 | 71-140 | |
| Chrysene | 80.0 | 64.6 | 81 | 70-132 | |
| Dibenz(a,h)anthracene | 80.0 | 61.7 | 77 | 53-150 | |
| Fluoranthene | 80.0 | 71.7 | 90 | 69-137 | |
| Fluorene | 80.0 | 68.2 | 85 | 67-125 | |
| Indeno[1,2,3-cd]pyrene | 80.0 | 62.0 | 77 | 59-150 | |
| Naphthalene | 80.0 | 65.9 | 82 | 39-126 | |
| Phenanthrene | 80.0 | 66.1 | 83 | 68-126 | |
| Pyrene | 80.0 | 62.6 | 78 | 60-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M348489.D

Lab ID: LCSD 460-1024840/3-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 57.2 | 71 | 1 | 30 | 42-134 | |
| Acenaphthene | 80.0 | 65.9 | 82 | 1 | 30 | 62-127 | |
| Acenaphthylene | 80.0 | 70.1 | 88 | 1 | 30 | 58-122 | |
| Anthracene | 80.0 | 68.1 | 85 | 1 | 30 | 67-127 | |
| Benzo[a]anthracene | 80.0 | 67.8 | 85 | 0 | 30 | 71-131 | |
| Benzo[a]pyrene | 80.0 | 76.0 | 95 | 2 | 30 | 75-148 | |
| Benzo[b]fluoranthene | 80.0 | 71.6 | 90 | 1 | 30 | 70-140 | |
| Benzo[g,h,i]perylene | 80.0 | 62.5 | 78 | 2 | 30 | 52-143 | |
| Benzo[k]fluoranthene | 80.0 | 71.9 | 90 | 2 | 30 | 71-140 | |
| Chrysene | 80.0 | 64.6 | 81 | 0 | 30 | 70-132 | |
| Dibenz(a,h)anthracene | 80.0 | 62.0 | 77 | 0 | 30 | 53-150 | |
| Fluoranthene | 80.0 | 71.3 | 89 | 1 | 30 | 69-137 | |
| Fluorene | 80.0 | 67.5 | 84 | 1 | 30 | 67-125 | |
| Indeno[1,2,3-cd]pyrene | 80.0 | 61.7 | 77 | 0 | 30 | 59-150 | |
| Naphthalene | 80.0 | 65.6 | 82 | 0 | 30 | 39-126 | |
| Phenanthrene | 80.0 | 65.7 | 82 | 1 | 30 | 68-126 | |
| Pyrene | 80.0 | 61.0 | 76 | 3 | 30 | 60-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M348537.D

Lab ID: 460-321765-6 MS Client ID: HHMW-09S1 MS

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | MS CONCENTRATION (ug/L) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 40.0 | 10 U | 35.3 | 88 | 42-134 | |
| Acenaphthene | 40.0 | 10 U | 42.3 | 106 | 62-127 | |
| Acenaphthylene | 40.0 | 1.1 J | 47.2 | 115 | 58-122 | |
| Anthracene | 40.0 | 10 U | 44.4 | 111 | 67-127 | |
| Benzo[a]anthracene | 40.0 | 1.0 U | 43.7 | 109 | 71-131 | |
| Benzo[a]pyrene | 40.0 | 1.7 | 51.7 | 125 | 75-148 | |
| Benzo[b]fluoranthene | 40.0 | 0.99 J | 45.7 | 112 | 70-140 | |
| Benzo[g,h,i]perylene | 40.0 | 1.4 J | 49.7 | 121 | 52-143 | |
| Benzo[k]fluoranthene | 40.0 | 1.0 U | 45.4 | 114 | 71-140 | |
| Chrysene | 40.0 | 2.0 U | 43.0 | 107 | 70-132 | |
| Dibenz(a,h)anthracene | 40.0 | 1.0 U | 45.0 | 112 | 53-150 | |
| Fluoranthene | 40.0 | 10 U | 46.9 | 117 | 69-137 | |
| Fluorene | 40.0 | 10 U | 44.3 | 111 | 67-125 | |
| Indeno[1,2,3-cd]pyrene | 40.0 | 1.0 J | 47.7 | 117 | 59-150 | |
| Naphthalene | 40.0 | 2.0 U | 40.8 | 102 | 39-126 | |
| Phenanthrene | 40.0 | 10 U | 42.1 | 105 | 68-126 | |
| Pyrene | 40.0 | 10 U | 40.0 | 100 | 60-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M348538.D

Lab ID: 460-321765-6 MSD Client ID: HHMW-09S1 MSD

| COMPOUND | SPIKE ADDED (ug/L) | MSD CONCENTRATION (ug/L) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 40.0 | 29.8 | 74 | 17 | 30 | 42-134 | |
| Acenaphthene | 40.0 | 34.9 | 87 | 19 | 30 | 62-127 | |
| Acenaphthylene | 40.0 | 39.2 | 95 | 19 | 30 | 58-122 | |
| Anthracene | 40.0 | 33.7 | 84 | 27 | 30 | 67-127 | |
| Benzo[a]anthracene | 40.0 | 33.1 | 83 | 28 | 30 | 71-131 | |
| Benzo[a]pyrene | 40.0 | 38.7 | 93 | 29 | 30 | 75-148 | |
| Benzo[b]fluoranthene | 40.0 | 34.0 | 83 | 29 | 30 | 70-140 | |
| Benzo[g,h,i]perylene | 40.0 | 36.8 | 88 | 30 | 30 | 52-143 | |
| Benzo[k]fluoranthene | 40.0 | 33.0 | 83 | 32 | 30 | 71-140 | * |
| Chrysene | 40.0 | 32.3 | 81 | 28 | 30 | 70-132 | |
| Dibenz(a,h)anthracene | 40.0 | 32.0 | 80 | 34 | 30 | 53-150 | * |
| Fluoranthene | 40.0 | 34.3 | 86 | 31 | 30 | 69-137 | * |
| Fluorene | 40.0 | 34.5 | 86 | 25 | 30 | 67-125 | |
| Indeno[1,2,3-cd]pyrene | 40.0 | 35.8 | 87 | 28 | 30 | 59-150 | |
| Naphthalene | 40.0 | 35.6 | 89 | 14 | 30 | 39-126 | |
| Phenanthrene | 40.0 | 33.0 | 82 | 24 | 30 | 68-126 | |
| Pyrene | 40.0 | 30.1 | 75 | 28 | 30 | 60-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab File ID: M348490.D Lab Sample ID: MB 460-1024840/1-A

Matrix: Water Date Extracted: 03/08/2025 10:26

Instrument ID: CBNAMS17 Date Analyzed: 03/08/2025 12:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1024840/2-A | M348488.D | 03/08/2025 11:45 |
| | LCSD 460-1024840/3-A | M348489.D | 03/08/2025 12:13 |
| FB-030425 | 460-321765-2 | M348527.D | 03/09/2025 16:15 |
| HHMW-05S2-R | 460-321765-3 | M348528.D | 03/09/2025 16:36 |
| HHMW-19S1 | 460-321765-4 | M348529.D | 03/09/2025 16:58 |
| HHMW-14 | 460-321765-7 | M348530.D | 03/09/2025 17:18 |
| DUP-01 | 460-321765-8 | M348531.D | 03/09/2025 17:39 |
| HHMW-09S1 | 460-321765-6 | M348536.D | 03/09/2025 19:25 |
| HHMW-09S1 MS | 460-321765-6 MS | M348537.D | 03/09/2025 19:45 |
| HHMW-09S1 MSD | 460-321765-6 MSD | M348538.D | 03/09/2025 20:07 |
| MW-03 | 460-321765-5 | M348541.D | 03/09/2025 21:10 |

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab File ID: M348215.D  DFTPP Injection Date: 02/28/2025

Instrument ID: CBNAMS17  DFTPP Injection Time: 06:09

Analysis Batch No.: 1023441

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2% of m/z 69 | 0.9 (1.8) 1 |
| 69 | Present | 48.5 |
| 70 | Less than 2% of m/z 69 | 0.2 (0.4) 1 |
| 197 | Less than 2% of m/z 198 | 0.0 |
| 198 | Base Peak | 100.0 |
| 199 | 5-9% of m/z 198 | 6.5 |
| 365 | Greater than 1% of Base Peak | 3.2 |
| 441 | Less than 150% of m/z 443 | 23.4 (87.2) 3 |
| 442 | Present | 135.5 |
| 443 | 15-24% of m/z 442 | 26.9 (19.9) 2 |

1-Value is % mass 69  2-Value is % mass 442  3-Value is % mass 443

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 |
|---|---|---|---|---|
| | ICIS 460-1023441/2 | M348216.D | 02/28/2025 | 6:24 |
| | STD24 460-1023441/3 | M348217.D | 02/28/2025 | 6:44 |
| | STD16 460-1023441/4 | M348218.D | 02/28/2025 | 7:06 |
| | STD4 460-1023441/5 | M348219.D | 02/28/2025 | 7:27 |
| | STD2 460-1023441/6 | M348220.D | 02/28/2025 | 7:47 |
| | STD1 460-1023441/7 | M348221.D | 02/28/2025 | 8:09 |
| | STD04 460-1023441/8 | M348222.D | 02/28/2025 | 8:30 |
| | STD01 460-1023441/10 | M348224.D | 02/28/2025 | 9:11 |
| | STD02 460-1023441/11 | M348225.D | 02/28/2025 | 9:34 |
| | ICV 460-1023441/12 | M348226.D | 02/28/2025 | 10:18 |

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

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Sample No.: ICIS 460-1023441/2 Date Analyzed: 02/28/2025 06:24

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M348216.D Heated Purge: (Y/N) N

Calibration ID: 100327

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 490201 | 3.82 | 1821934 | 5.07 | 903683 | 6.76 |
| UPPER LIMIT | | 980402 | 4.32 | 3643868 | 5.57 | 1807366 | 7.26 |
| LOWER LIMIT | | 245101 | 3.32 | 910967 | 4.57 | 451842 | 6.26 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1023441/12 | | 478146 | 3.82 | 1789172 | 5.07 | 902442 | 6.76 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Sample No.: ICIS 460-1023441/2 Date Analyzed: 02/28/2025 06:24

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M348216.D Heated Purge: (Y/N) N

Calibration ID: 100327

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 1455740 | 8.16 | 834014 | 10.72 | 891605 | 12.50 |
| UPPER LIMIT | | 2911480 | 8.66 | 1668028 | 11.22 | 1783210 | 13.00 |
| LOWER LIMIT | | 727870 | 7.66 | 417007 | 10.22 | 445803 | 12.00 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1023441/12 | | 1470902 | 8.17 | 875842 | 10.72 | 936327 | 12.50 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Sample No.: CCVIS 460-1024844/2 Date Analyzed: 03/08/2025 11:03

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M348486.D Heated Purge: (Y/N) N

Calibration ID: 100327

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 535466 | 3.80 | 1954238 | 5.04 | 961045 | 6.73 |
| UPPER LIMIT | | 1070932 | 4.30 | 3908476 | 5.54 | 1922090 | 7.23 |
| LOWER LIMIT | | 267733 | 3.30 | 977119 | 4.54 | 480523 | 6.23 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1024840/2-A | | 595978 | 3.79 | 2158999 | 5.04 | 1078079 | 6.73 |
| LCSD 460-1024840/3-A | | 561673 | 3.79 | 2015174 | 5.04 | 1021228 | 6.73 |
| MB 460-1024840/1-A | | 581278 | 3.79 | 2172432 | 5.04 | 1107279 | 6.73 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Sample No.: CCVIS 460-1024844/2 Date Analyzed: 03/08/2025 11:03

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M348486.D Heated Purge: (Y/N) N

Calibration ID: 100327

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 1676133 | 8.14 | 1165646 | 10.69 | 1147370 | 12.46 |
| UPPER LIMIT | | 3352266 | 8.64 | 2331292 | 11.19 | 2294740 | 12.96 |
| LOWER LIMIT | | 838067 | 7.64 | 582823 | 10.19 | 573685 | 11.96 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1024840/2-A | | 1859693 | 8.14 | 1287226 | 10.69 | 1317693 | 12.46 |
| LCSD 460-1024840/3-A | | 1751041 | 8.14 | 1176211 | 10.69 | 1193244 | 12.46 |
| MB 460-1024840/1-A | | 1980499 | 8.13 | 1336671 | 10.69 | 1319015 | 12.46 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Sample No.: CCVIS 460-1024950/2 Date Analyzed: 03/09/2025 13:56

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M348521.D Heated Purge: (Y/N) N

Calibration ID: 100327

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 453352 | 3.79 | 1684852 | 5.04 | 841072 | 6.73 |
| UPPER LIMIT | | 906704 | 4.29 | 3369704 | 5.54 | 1682144 | 7.23 |
| LOWER LIMIT | | 226676 | 3.29 | 842426 | 4.54 | 420536 | 6.23 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| 460-321765-2 | FB-030425 | 734553 | 3.79 | 2834795 | 5.04 | 1419601 | 6.73 |
| 460-321765-3 | HHMW-05S2-R | 608463 | 3.78 | 2285265 | 5.04 | 1149999 | 6.72 |
| 460-321765-4 | HHMW-19S1 | 650233 | 3.79 | 2399069 | 5.04 | 1206544 | 6.73 |
| 460-321765-7 | HHMW-14 | 605521 | 3.79 | 2278481 | 5.04 | 1166199 | 6.72 |
| 460-321765-8 | DUP-01 | 534345 | 3.79 | 2001711 | 5.04 | 1026497 | 6.73 |
| 460-321765-6 | HHMW-09S1 | 507131 | 3.78 | 1882627 | 5.04 | 916607 | 6.72 |
| 460-321765-6 MS | HHMW-09S1 MS | 521369 | 3.79 | 1913110 | 5.04 | 909826 | 6.73 |
| 460-321765-6 MSD | HHMW-09S1 MSD | 515058 | 3.79 | 1888744 | 5.04 | 912023 | 6.73 |
| 460-321765-5 | MW-03 | 545281 | 3.79 | 2019668 | 5.04 | 1018075 | 6.73 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Sample No.: CCVIS 460-1024950/2 Date Analyzed: 03/09/2025 13:56

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M348521.D Heated Purge: (Y/N) N

Calibration ID: 100327

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 1467467 | 8.13 | 1016257 | 10.69 | 1091503 | 12.45 |
| UPPER LIMIT | | 2934934 | 8.63 | 2032514 | 11.19 | 2183006 | 12.95 |
| LOWER LIMIT | | 733734 | 7.63 | 508129 | 10.19 | 545752 | 11.95 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| 460-321765-2 | FB-030425 | 2465271 | 8.13 | 1670810 | 10.69 | 1660402 | 12.45 |
| 460-321765-3 | HHMW-05S2-R | 1990830 | 8.13 | 1328559 | 10.68 | 1360774 | 12.45 |
| 460-321765-4 | HHMW-19S1 | 2106660 | 8.13 | 1397462 | 10.69 | 1424137 | 12.45 |
| 460-321765-7 | HHMW-14 | 2024388 | 8.13 | 1405411 | 10.68 | 1410243 | 12.45 |
| 460-321765-8 | DUP-01 | 1764632 | 8.13 | 1171355 | 10.68 | 1201936 | 12.45 |
| 460-321765-6 | HHMW-09S1 | 1547607 | 8.13 | 1019977 | 10.68 | 1069377 | 12.45 |
| 460-321765-6 MS | HHMW-09S1 MS | 1544783 | 8.13 | 1084980 | 10.69 | 1229984 | 12.45 |
| 460-321765-6 MSD | HHMW-09S1 MSD | 1513798 | 8.13 | 1040446 | 10.68 | 1215261 | 12.45 |
| 460-321765-5 | MW-03 | 1708955 | 8.13 | 1144932 | 10.69 | 1300314 | 12.45 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: FB-030425 | Lab Sample ID: 460-321765-2

Matrix: Water | Lab File ID: M348527.D

Analysis Method: 8270E | Date Collected: 03/04/2025 11:30

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 16:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 56 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 59 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 17 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348527.D
Lims ID: 460-321765-E-2-A
Client ID: FB-030425
Sample Type: Client
Inject. Date: 09-Mar-2025 16:15:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-008
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 14:51:39 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 14:51:39

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.790 | 3.789 | 0.002 | 94 | 734553 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.336 | 4.339 | -0.003 | 85 | 791303 | 5.87 | |
| * 38 Naphthalene-d8 | 136 | 5.035 | 5.036 | -0.001 | 99 | 2834795 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.098 | 6.098 | 0.000 | 97 | 1522903 | 5.65 | |
| * 64 Acenaphthene-d10 | 164 | 6.727 | 6.728 | -0.001 | 96 | 1419601 | 8.00 | |
| * 88 Phenanthrene-d10 | 188 | 8.133 | 8.133 | 0.000 | 99 | 2465271 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 9.669 | 9.672 | -0.003 | 98 | 456340 | 1.70 | |
| * 103 Chrysene-d12 | 240 | 10.685 | 10.686 | -0.001 | 99 | 1670810 | 8.00 | |
| * 110 Perylene-d12 | 264 | 12.453 | 12.452 | 0.001 | 98 | 1660402 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 14:51:40 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348527.D

Injection Date: 09-Mar-2025 16:15:30 Instrument ID: CBNAMS17

Lims ID: 460-321765-E-2-A Lab Sample ID: 460-321765-2

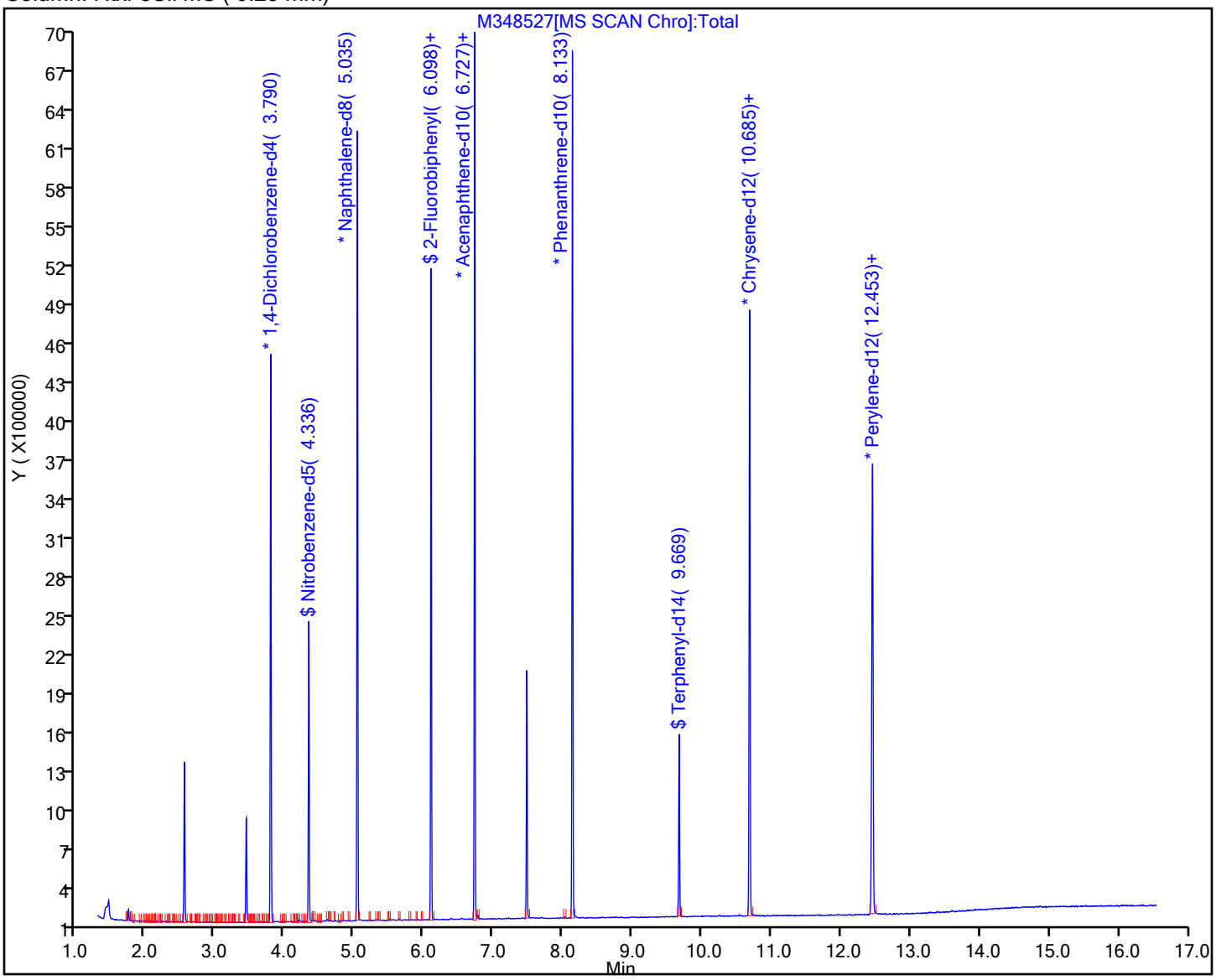
Client ID: FB-030425

Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348527.D | | | | |
| Lims ID: | 460-321765-E-2-A | | | | |
| Client ID: | FB-030425 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 09-Mar-2025 16:15:30 | ALS Bottle#: | 8 | Worklist Smp#: | 8 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0187747-008 | | | | |
| Operator ID: | | Instrument ID: | CBNAMS17 | | |
| Method: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m | | | | |
| Limit Group: | SV 8270E ICAL | | | | |
| Last Update: | 10-Mar-2025 14:51:39 | Calib Date: | 28-Feb-2025 09:34:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D | | | | |
| Column 1 : | Rtxi-5Sil MS ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1610 | | | | |

First Level Reviewer: C8UP Date: 10-Mar-2025 14:51:39

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 5.87 | 58.72 |
| $ 53 2-Fluorobiphenyl | 10.0 | 5.65 | 56.49 |
| $ 97 Terphenyl-d14 | 10.0 | 1.70 | 17.03 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-05S2-R | Lab Sample ID: 460-321765-3

Matrix: Water | Lab File ID: M348528.D

Analysis Method: 8270E | Date Collected: 03/04/2025 09:40

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 16:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 70 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 75 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 24 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348528.D
Lims ID: 460-321765-E-3-A
Client ID: HHMW-05S2-R
Sample Type: Client
Inject. Date: 09-Mar-2025 16:36:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-009
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 14:53:01 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 14:53:01

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.784 | 3.789 | -0.004 | 95 | 608463 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.336 | 4.339 | -0.003 | 84 | 815363 | 7.51 | |
| * 38 Naphthalene-d8 | 136 | 5.035 | 5.036 | -0.001 | 99 | 2285265 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.098 | 6.098 | 0.000 | 97 | 1528087 | 7.00 | |
| * 64 Acenaphthene-d10 | 164 | 6.724 | 6.728 | -0.004 | 95 | 1149999 | 8.00 | |
| * 88 Phenanthrene-d10 | 188 | 8.133 | 8.133 | 0.000 | 99 | 1990830 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 9.670 | 9.672 | -0.002 | 98 | 509955 | 2.39 | |
| * 103 Chrysene-d12 | 240 | 10.684 | 10.686 | -0.002 | 99 | 1328559 | 8.00 | |
| * 110 Perylene-d12 | 264 | 12.452 | 12.452 | 0.000 | 98 | 1360774 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 14:53:01 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348528.D

Injection Date: 09-Mar-2025 16:36:30 Instrument ID: CBNAMS17

Lims ID: 460-321765-E-3-A Lab Sample ID: 460-321765-3

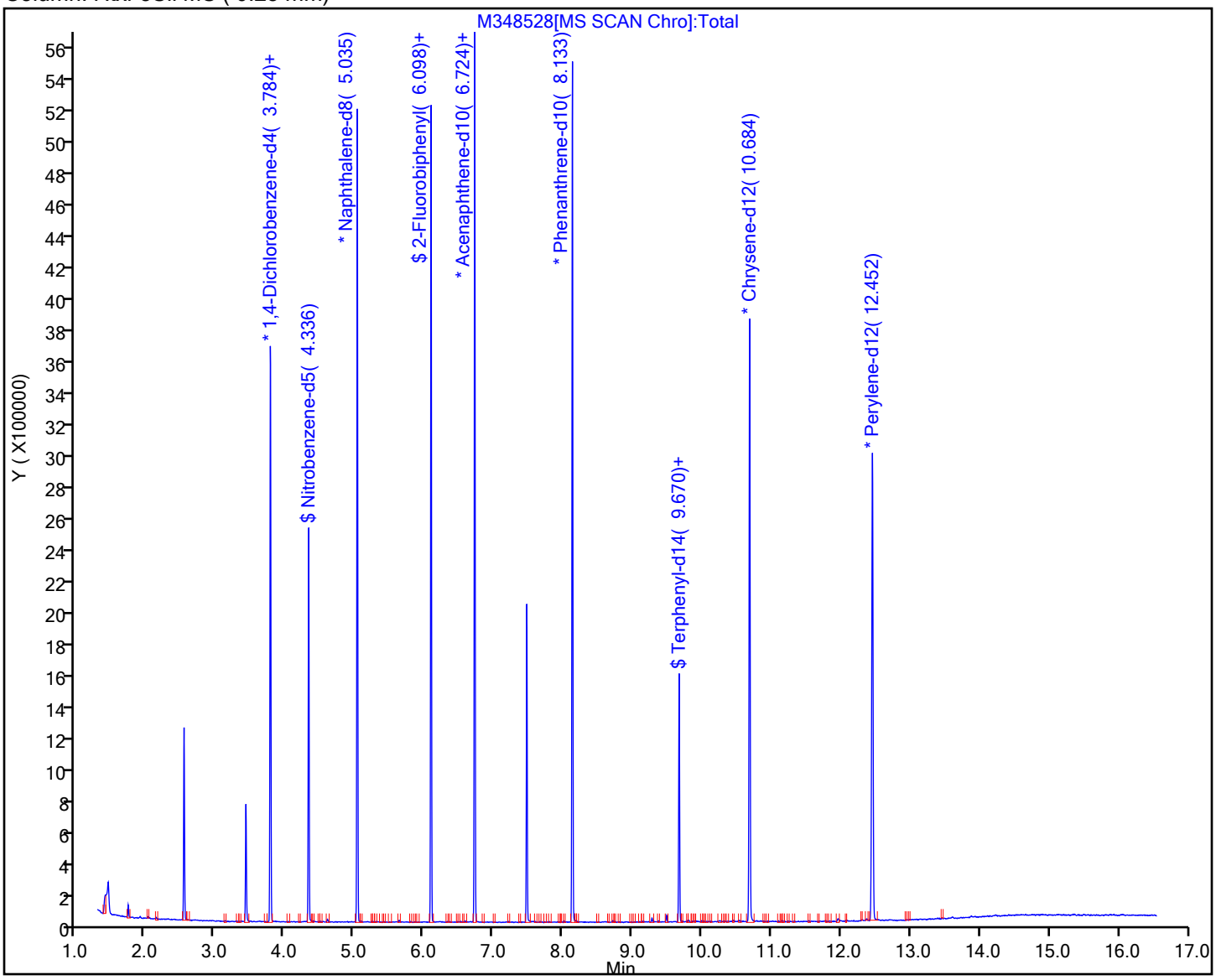
Client ID: HHMW-05S2-R

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348528.D | | | | |
| Lims ID: | 460-321765-E-3-A | | | | |
| Client ID: | HHMW-05S2-R | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 09-Mar-2025 16:36:30 | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0187747-009 | | | | |
| Operator ID: | | Instrument ID: | CBNAMS17 | | |
| Method: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m | | | | |
| Limit Group: | SV 8270E ICAL | | | | |
| Last Update: | 10-Mar-2025 14:53:01 | Calib Date: | 28-Feb-2025 09:34:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D | | | | |
| Column 1 : | Rtxi-5Sil MS ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1610 | | | | |

First Level Reviewer: C8UP Date: 10-Mar-2025 14:53:01

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.51 | 75.05 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.00 | 69.97 |
| $ 97 Terphenyl-d14 | 10.0 | 2.39 | 23.93 |

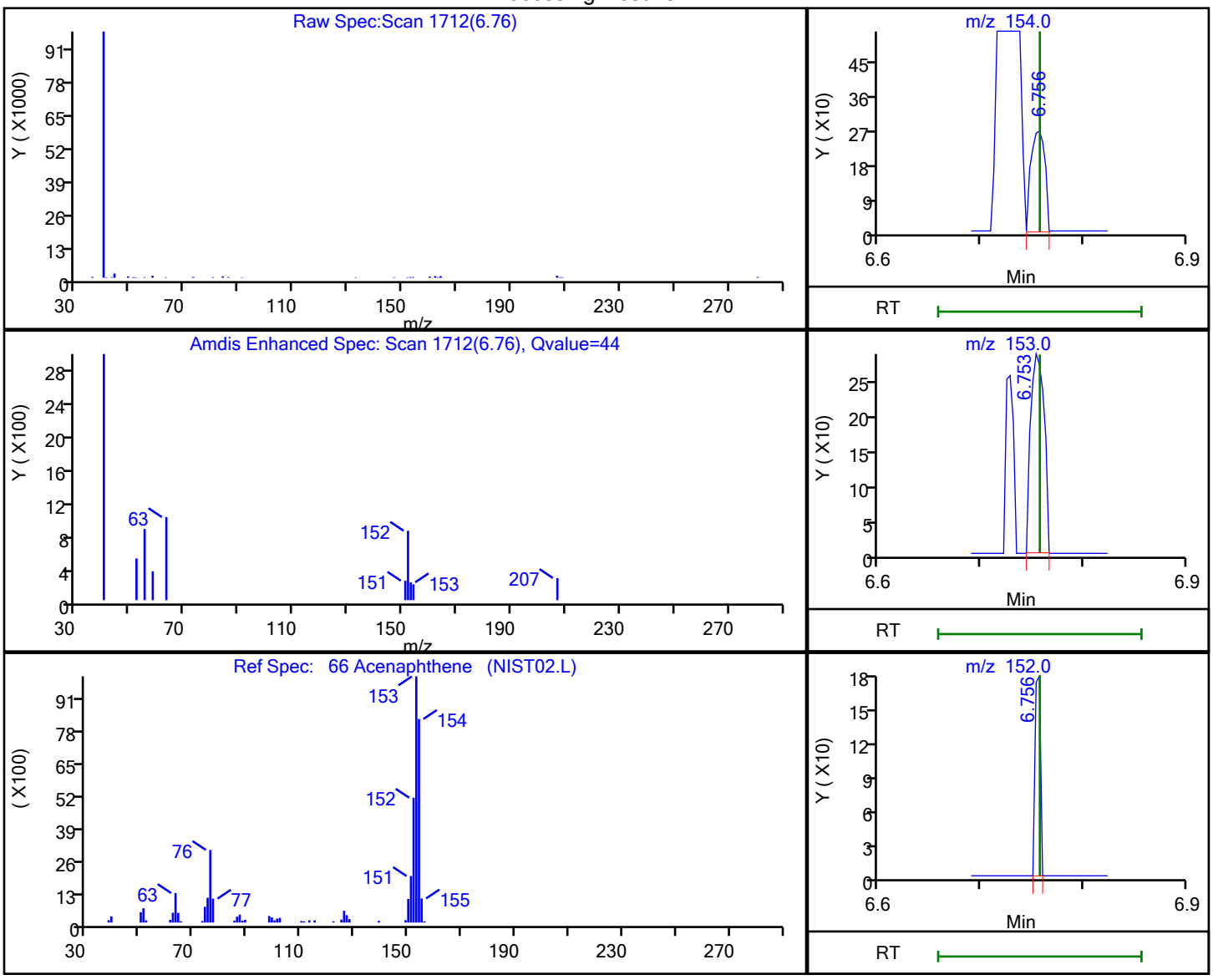
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348528.D | | | | |
| Injection Date: | 09-Mar-2025 16:36:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-3-A | Lab Sample ID: | 460-321765-3 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 66 Acenaphthene, CAS: 83-32-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.76 | 154.00 | 250 | 0.001535 |
| 6.75 | 153.00 | 264 | |
| 6.76 | 152.00 | 64 | |

Reviewer: C8UP, 10-Mar-2025 14:51:49 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

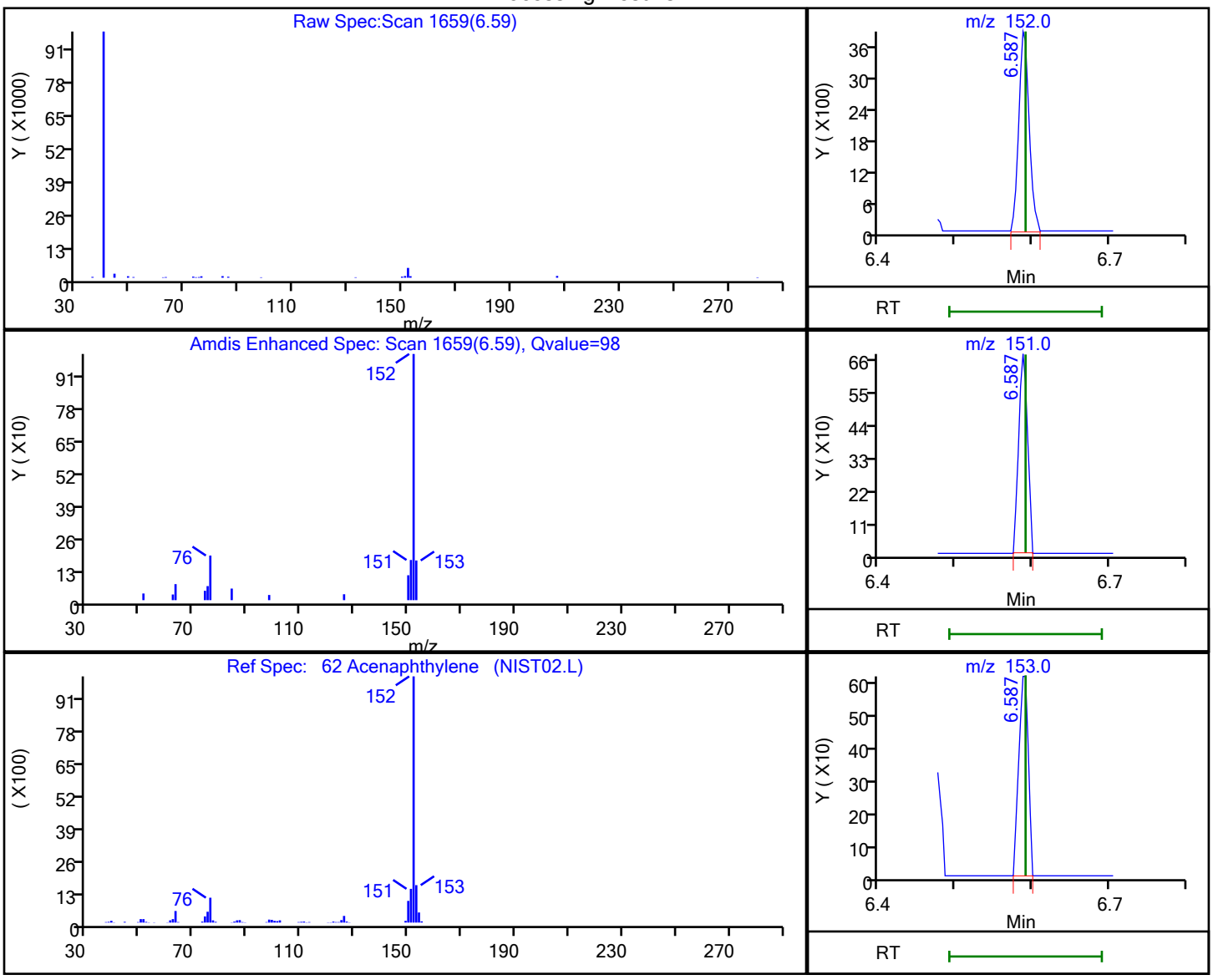
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348528.D | | | | |
| Injection Date: | 09-Mar-2025 16:36:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-3-A | Lab Sample ID: | 460-321765-3 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.59 | 152.00 | 3675 | 0.013604 |
| 6.59 | 151.00 | 551 | |
| 6.59 | 153.00 | 538 | |

Reviewer: C8UP, 10-Mar-2025 14:51:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

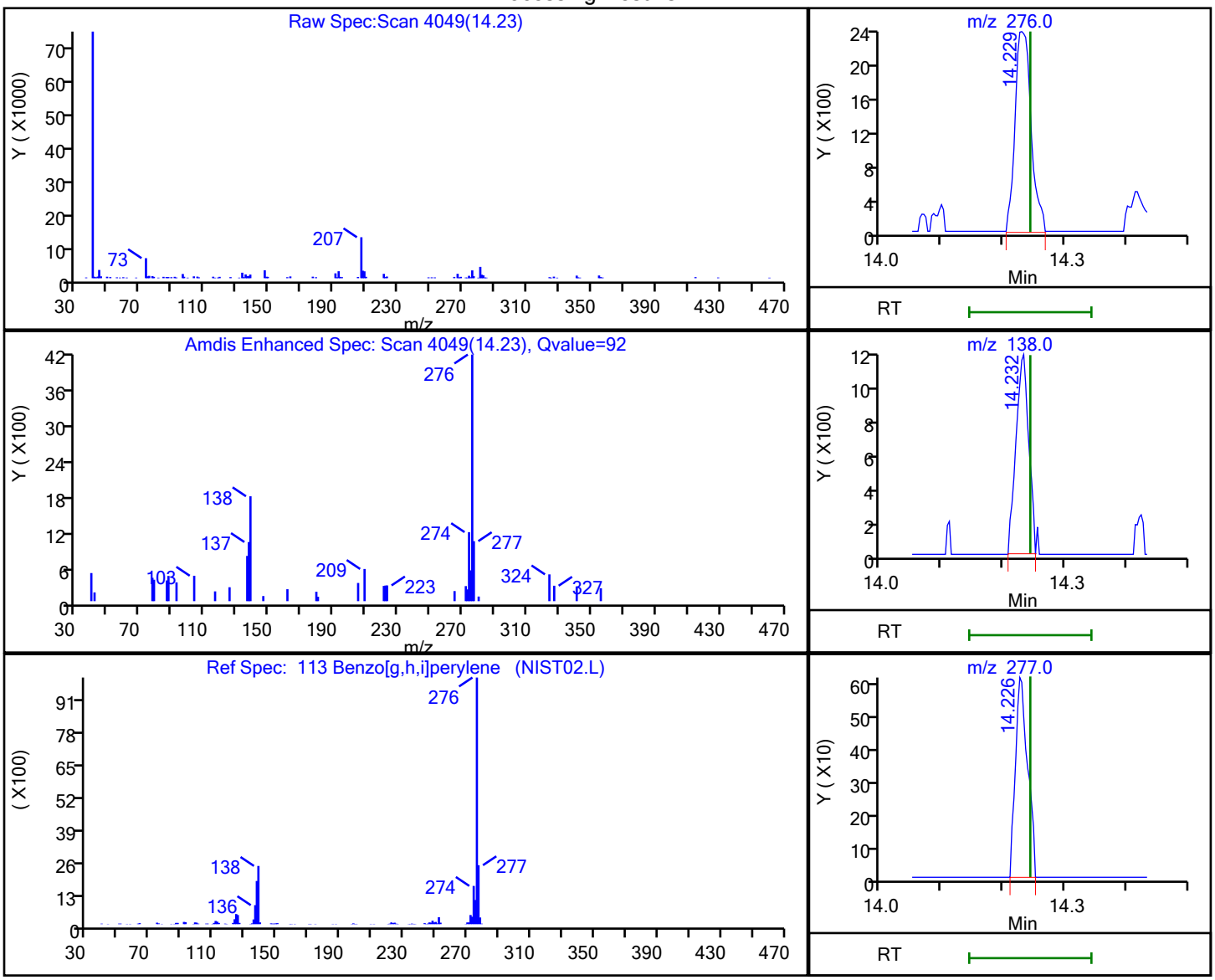
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348528.D | | | | |
| Injection Date: | 09-Mar-2025 16:36:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-3-A | Lab Sample ID: | 460-321765-3 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 113 Benzo[g,h,i]perylene, CAS: 191-24-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 14.23 | 276.00 | 4291 | 0.020162 |
| 14.23 | 138.00 | 1630 | |
| 14.23 | 277.00 | 852 | |

Reviewer: C8UP, 10-Mar-2025 14:51:54 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-19S1 | Lab Sample ID: 460-321765-4

Matrix: Water | Lab File ID: M348529.D

Analysis Method: 8270E | Date Collected: 03/04/2025 09:55

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 16:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 21 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 4.1 | J | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.5 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 68 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 73 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 19 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348529.D
Lims ID: 460-321765-E-4-A
Client ID: HHMW-19S1
Sample Type: Client
Inject. Date: 09-Mar-2025 16:58:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-010
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 14:53:35 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 14:53:35

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.790 | 3.789 | 0.002 | 94 | 650233 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.337 | 4.339 | -0.002 | 84 | 830082 | 7.28 | |
| * 38 Naphthalene-d8 | 136 | 5.037 | 5.036 | 0.001 | 99 | 2399069 | 8.00 | |
| 39 Naphthalene | 128 | 5.056 | 5.058 | -0.002 | 99 | 99563 | 0.3123 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.096 | 6.098 | -0.002 | 97 | 1552548 | 6.78 | |
| * 64 Acenaphthene-d10 | 164 | 6.727 | 6.728 | -0.001 | 96 | 1206544 | 8.00 | |
| 66 Acenaphthene | 154 | 6.756 | 6.757 | -0.001 | 96 | 452670 | 2.65 | |
| 74 Fluorene | 166 | 7.246 | 7.249 | -0.004 | 95 | 101623 | 0.5134 | |
| * 88 Phenanthrene-d10 | 188 | 8.131 | 8.133 | -0.002 | 99 | 2106660 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 9.668 | 9.672 | -0.004 | 98 | 419411 | 1.87 | |
| * 103 Chrysene-d12 | 240 | 10.685 | 10.686 | -0.001 | 99 | 1397462 | 8.00 | |
| * 110 Perylene-d12 | 264 | 12.450 | 12.452 | -0.002 | 97 | 1424137 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

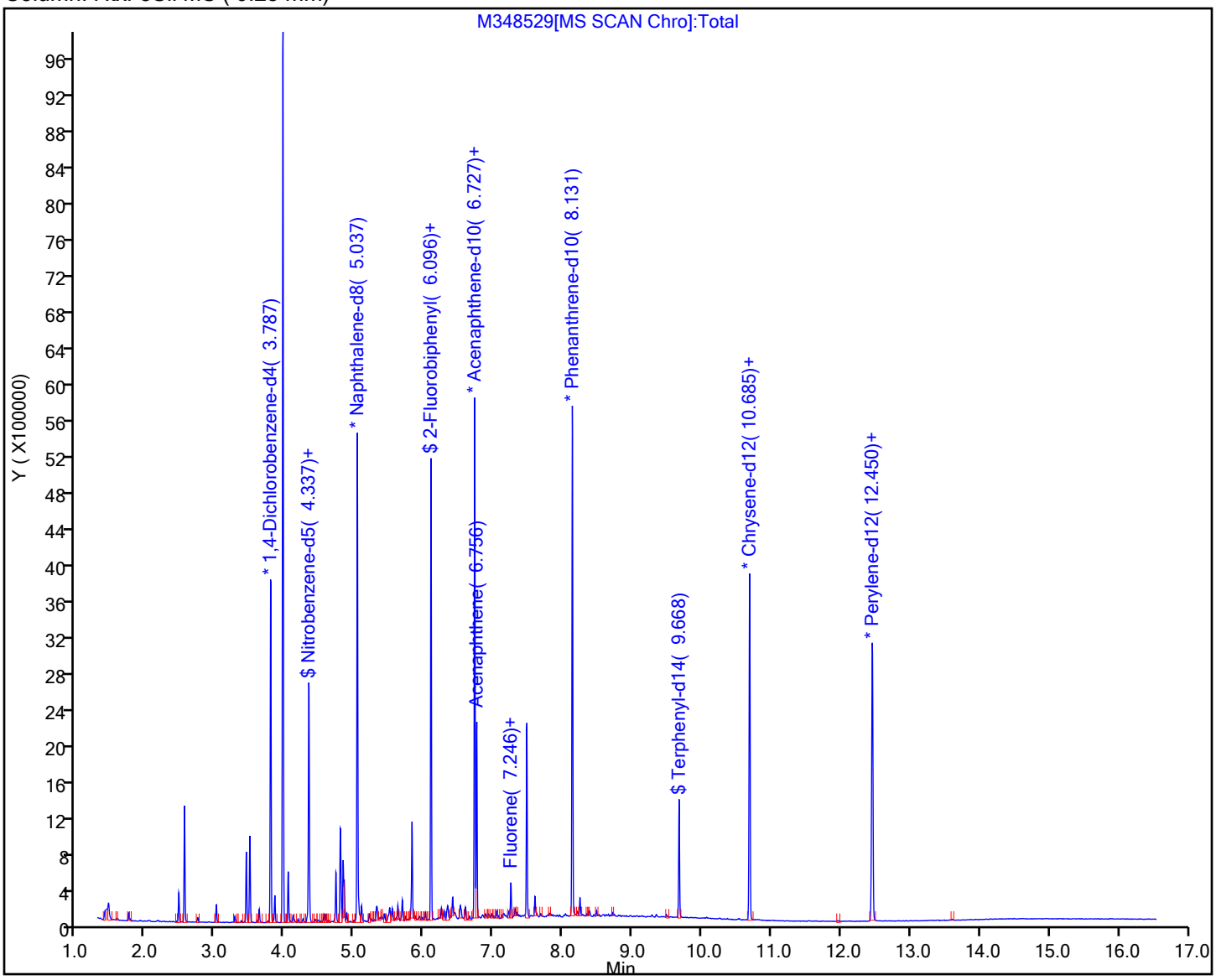
Report Date: 10-Mar-2025 14:53:36 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348529.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 16:58:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-4-A | Lab Sample ID: | 460-321765-4 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348529.D | | | | |
| Lims ID: | 460-321765-E-4-A | | | | |
| Client ID: | HHMW-19S1 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 09-Mar-2025 16:58:30 | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0187747-010 | | | | |
| Operator ID: | | Instrument ID: | CBNAMS17 | | |
| Method: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m | | | | |
| Limit Group: | SV 8270E ICAL | | | | |
| Last Update: | 10-Mar-2025 14:53:35 | Calib Date: | 28-Feb-2025 09:34:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D | | | | |
| Column 1 : | Rtxi-5Sil MS ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1610 | | | | |

First Level Reviewer: C8UP Date: 10-Mar-2025 14:53:35

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.28 | 72.78 |
| $ 53 2-Fluorobiphenyl | 10.0 | 6.78 | 67.76 |
| $ 97 Terphenyl-d14 | 10.0 | 1.87 | 18.71 |

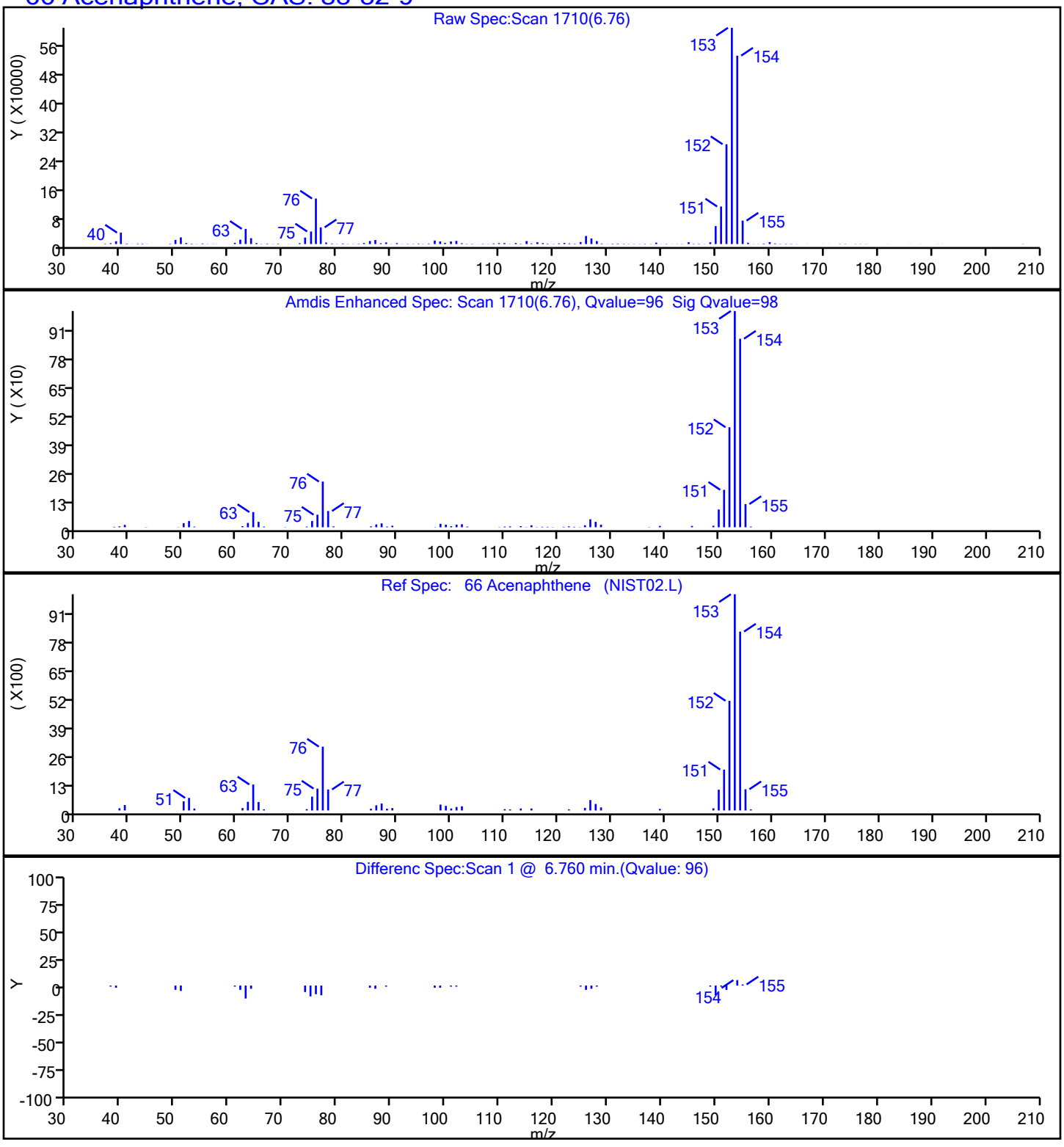
Report Date: 10-Mar-2025 14:53:36 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348529.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 16:58:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-4-A | Lab Sample ID: | 460-321765-4 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

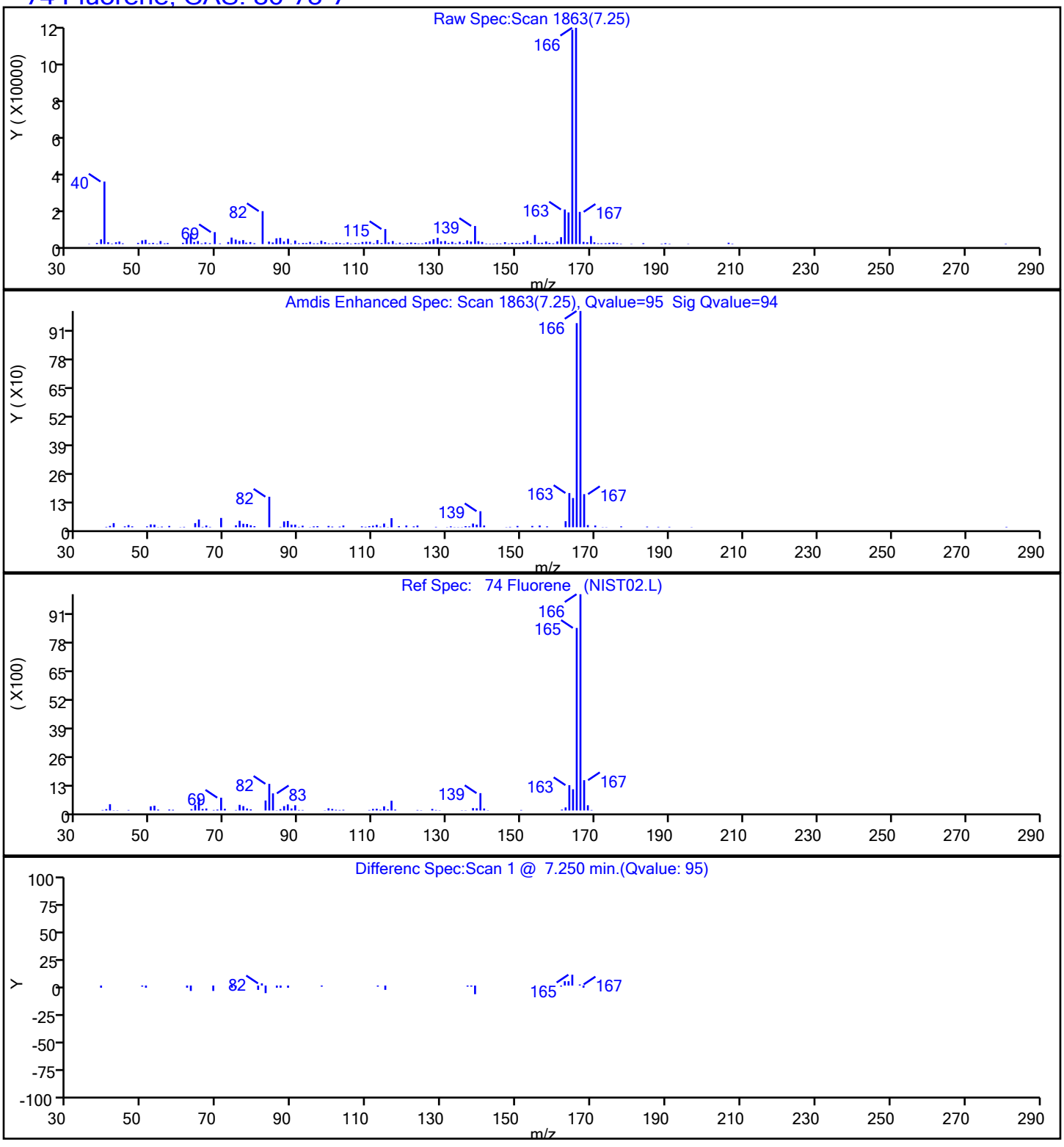
## 66 Acenaphthene, CAS: 83-32-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348529.D | | | | |
| Injection Date: | 09-Mar-2025 16:58:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-4-A | Lab Sample ID: | 460-321765-4 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 74 Fluorene, CAS: 86-73-7



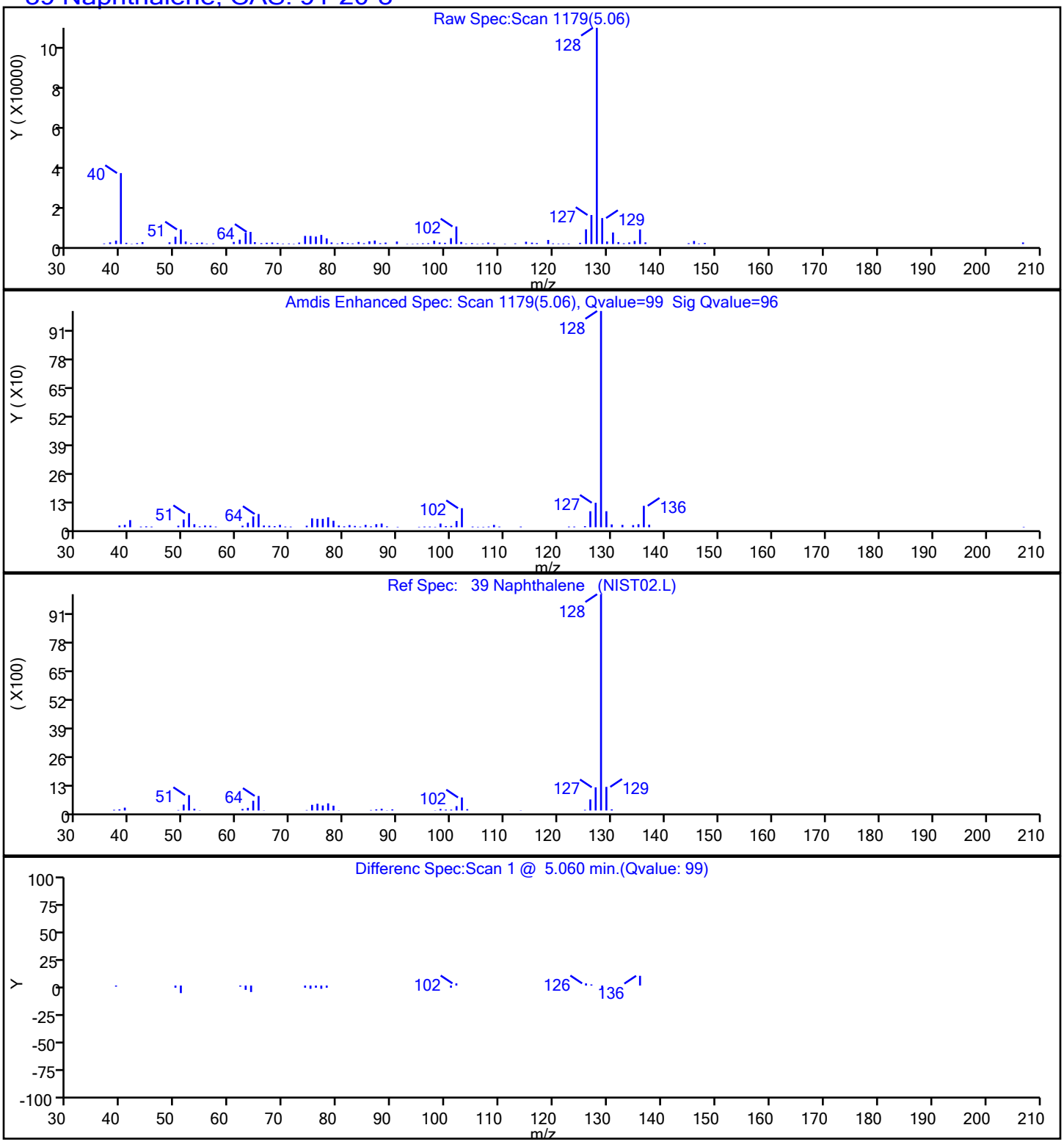
Report Date: 10-Mar-2025 14:53:36 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348529.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 16:58:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-4-A | Lab Sample ID: | 460-321765-4 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3



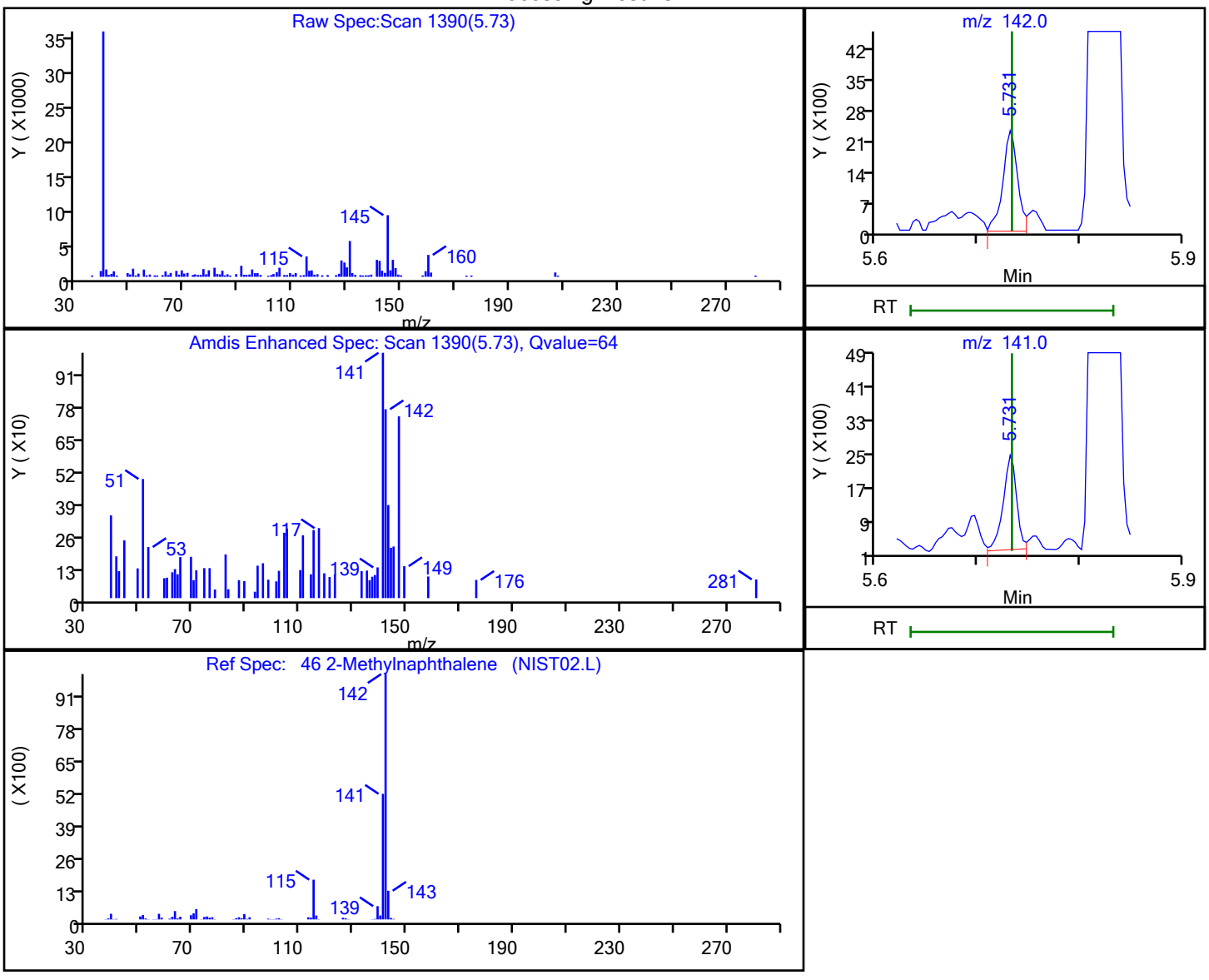
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348529.D | | | | |
| Injection Date: | 09-Mar-2025 16:58:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-4-A | Lab Sample ID: | 460-321765-4 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.73 | 142.00 | 2291 | 0.010981 |
| 5.73 | 141.00 | 2113 | |

Reviewer: C8UP, 10-Mar-2025 14:53:11 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

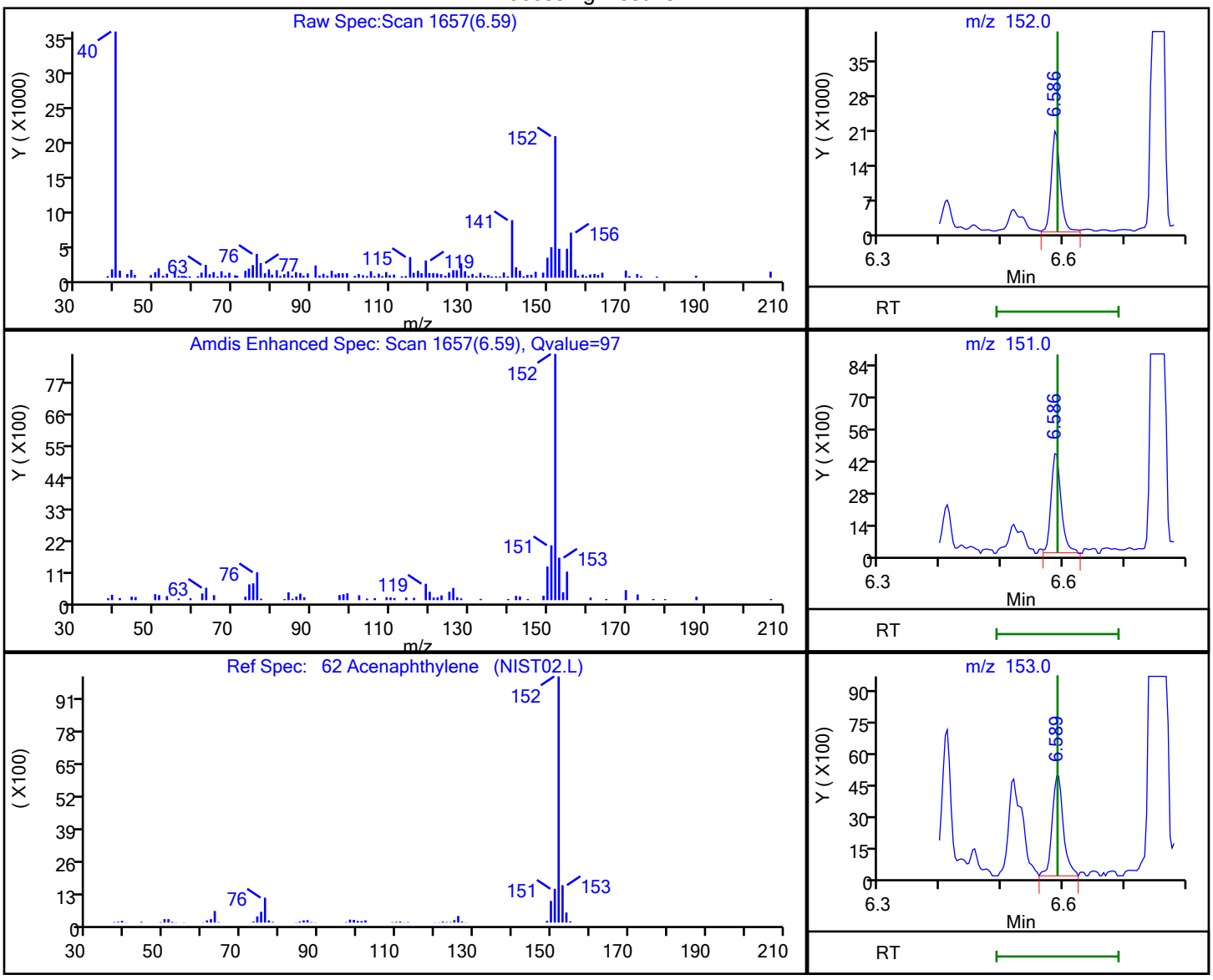
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348529.D | | | | |
| Injection Date: | 09-Mar-2025 16:58:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-4-A | Lab Sample ID: | 460-321765-4 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.59 | 152.00 | 20565 | 0.072562 |
| 6.59 | 151.00 | 5167 | |
| 6.59 | 153.00 | 6154 | |

Reviewer: C8UP, 10-Mar-2025 14:53:13 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: MW-03 | Lab Sample ID: 460-321765-5

Matrix: Water | Lab File ID: M348541.D

Analysis Method: 8270E | Date Collected: 03/04/2025 10:50

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 21:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 26 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 9.4 | J | 10 | 0.82 |
| 120-12-7 | Anthracene | 3.8 | J | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 15 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 24 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 17 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 16 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 6.3 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 14 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 2.3 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 23 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 1.6 | J | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 12 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 4.6 | J | 10 | 1.3 |
| 129-00-0 | Pyrene | 32 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 68 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 73 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 24 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D
Lims ID: 460-321765-E-5-A
Client ID: MW-03
Sample Type: Client
Inject. Date: 09-Mar-2025 21:10:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-022
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 15:07:29 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 15:08:02

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.786 | 3.789 | -0.002 | 94 | 545281 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.336 | 4.339 | -0.003 | 89 | 701254 | 7.30 | |
| * 38 Naphthalene-d8 | 136 | 5.036 | 5.036 | 0.000 | 99 | 2019668 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.098 | 6.098 | 0.000 | 97 | 1308226 | 6.77 | |
| 62 Acenaphthylene | 152 | 6.588 | 6.587 | -0.002 | 98 | 279543 | 1.17 | |
| * 64 Acenaphthene-d10 | 164 | 6.726 | 6.728 | -0.002 | 95 | 1018075 | 8.00 | |
| 66 Acenaphthene | 154 | 6.754 | 6.757 | -0.003 | 96 | 473471 | 3.28 | |
| 74 Fluorene | 166 | 7.248 | 7.246 | -0.002 | 89 | 34373 | 0.2058 | |
| * 88 Phenanthrene-d10 | 188 | 8.131 | 8.133 | -0.002 | 99 | 1708955 | 8.00 | |
| 89 Phenanthrene | 178 | 8.153 | 8.156 | -0.003 | 98 | 130622 | 0.5758 | |
| 90 Anthracene | 178 | 8.201 | 8.204 | -0.003 | 99 | 106786 | 0.4688 | |
| 93 Fluoranthene | 202 | 9.277 | 9.281 | -0.004 | 97 | 591562 | 2.92 | |
| 95 Pyrene | 202 | 9.489 | 9.488 | 0.000 | 96 | 941697 | 3.99 | |
| $ 97 Terphenyl-d14 | 244 | 9.669 | 9.672 | -0.003 | 98 | 440482 | 2.40 | |
| 102 Benzo[a]anthracene | 228 | 10.673 | 10.673 | -0.003 | 99 | 339085 | 1.84 | a |
| * 103 Chrysene-d12 | 240 | 10.686 | 10.686 | 0.000 | 99 | 1144932 | 8.00 | |
| 104 Chrysene | 228 | 10.711 | 10.711 | -0.004 | 98 | 304656 | 1.72 | a |
| 107 Benzo[b]fluoranthene | 252 | 11.959 | 11.957 | 0.000 | 98 | 371995 | 2.08 | |
| 108 Benzo[k]fluoranthene | 252 | 11.988 | 11.988 | -0.006 | 98 | 148001 | 0.7867 | M |
| 109 Benzo[a]pyrene | 252 | 12.374 | 12.374 | -0.001 | 95 | 481142 | 2.99 | a |
| * 110 Perylene-d12 | 264 | 12.454 | 12.452 | 0.002 | 98 | 1300314 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.884 | 13.889 | -0.007 | 97 | 311964 | 1.55 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.926 | 13.937 | -0.013 | 97 | 56832 | 0.2840 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.235 | 14.241 | -0.008 | 95 | 415315 | 2.04 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

Injection Date: 09-Mar-2025 21:10:30 Instrument ID: CBNAMS17

Lims ID: 460-321765-E-5-A Lab Sample ID: 460-321765-5

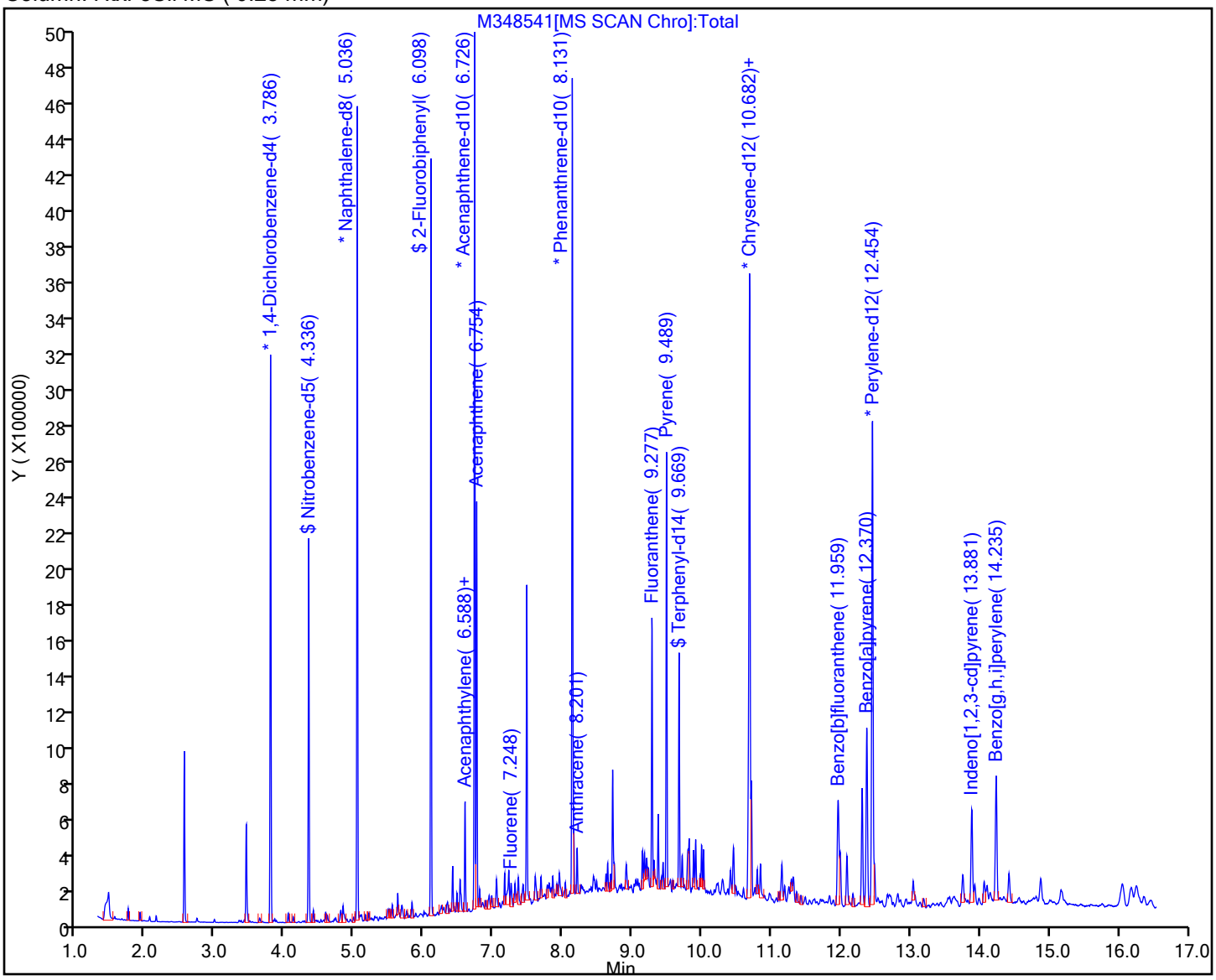
Client ID: MW-03

Operator ID: ALS Bottle#: 22 Worklist Smp#: 22

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D
Lims ID: 460-321765-E-5-A
Client ID: MW-03
Sample Type: Client
Inject. Date: 09-Mar-2025 21:10:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-022
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 15:07:29 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

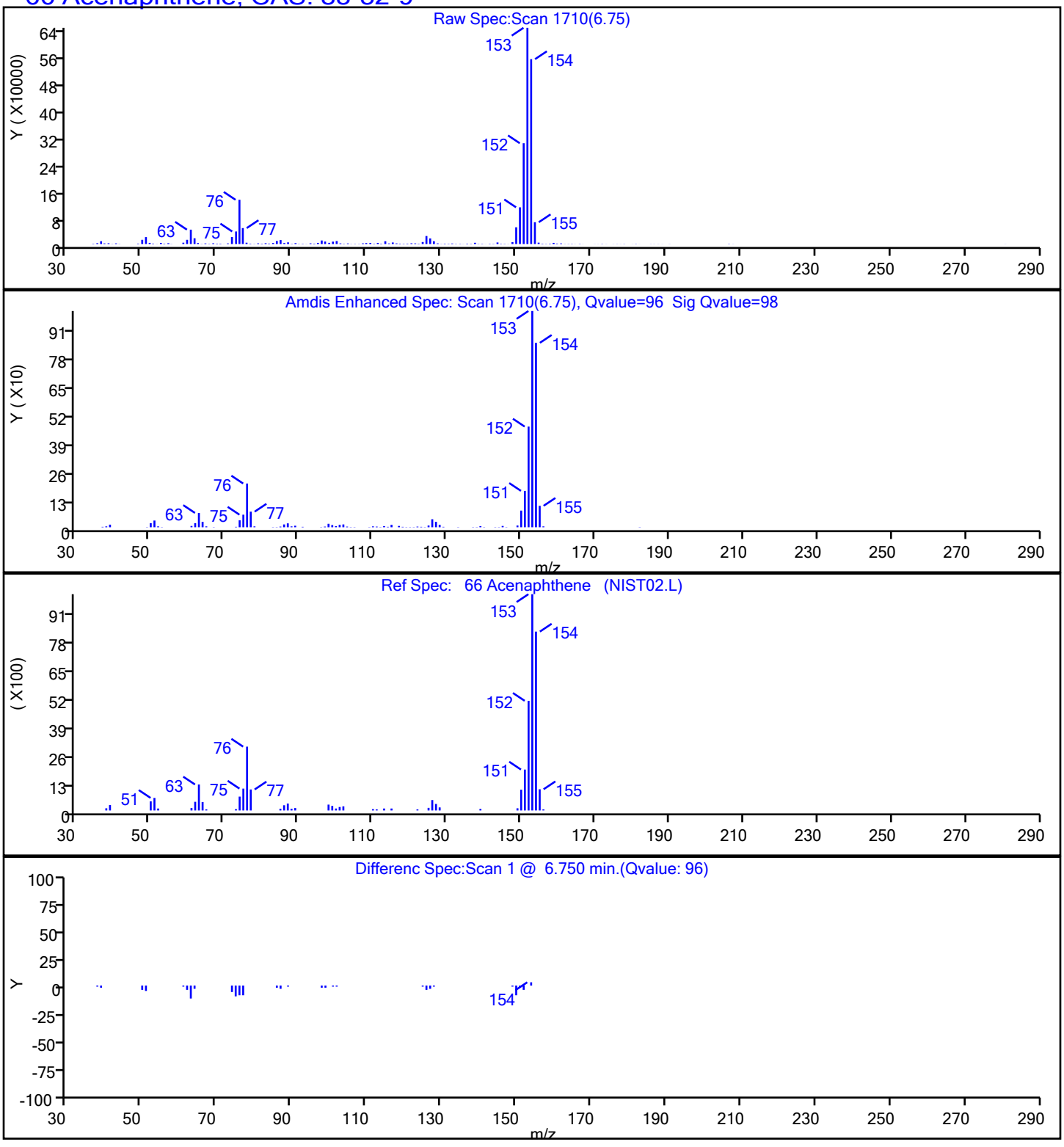
First Level Reviewer: C8UP Date: 10-Mar-2025 15:08:02

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.30 | 73.04 |
| $ 53 2-Fluorobiphenyl | 10.0 | 6.77 | 67.67 |
| $ 97 Terphenyl-d14 | 10.0 | 2.40 | 23.99 |

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 66 Acenaphthene, CAS: 83-32-9



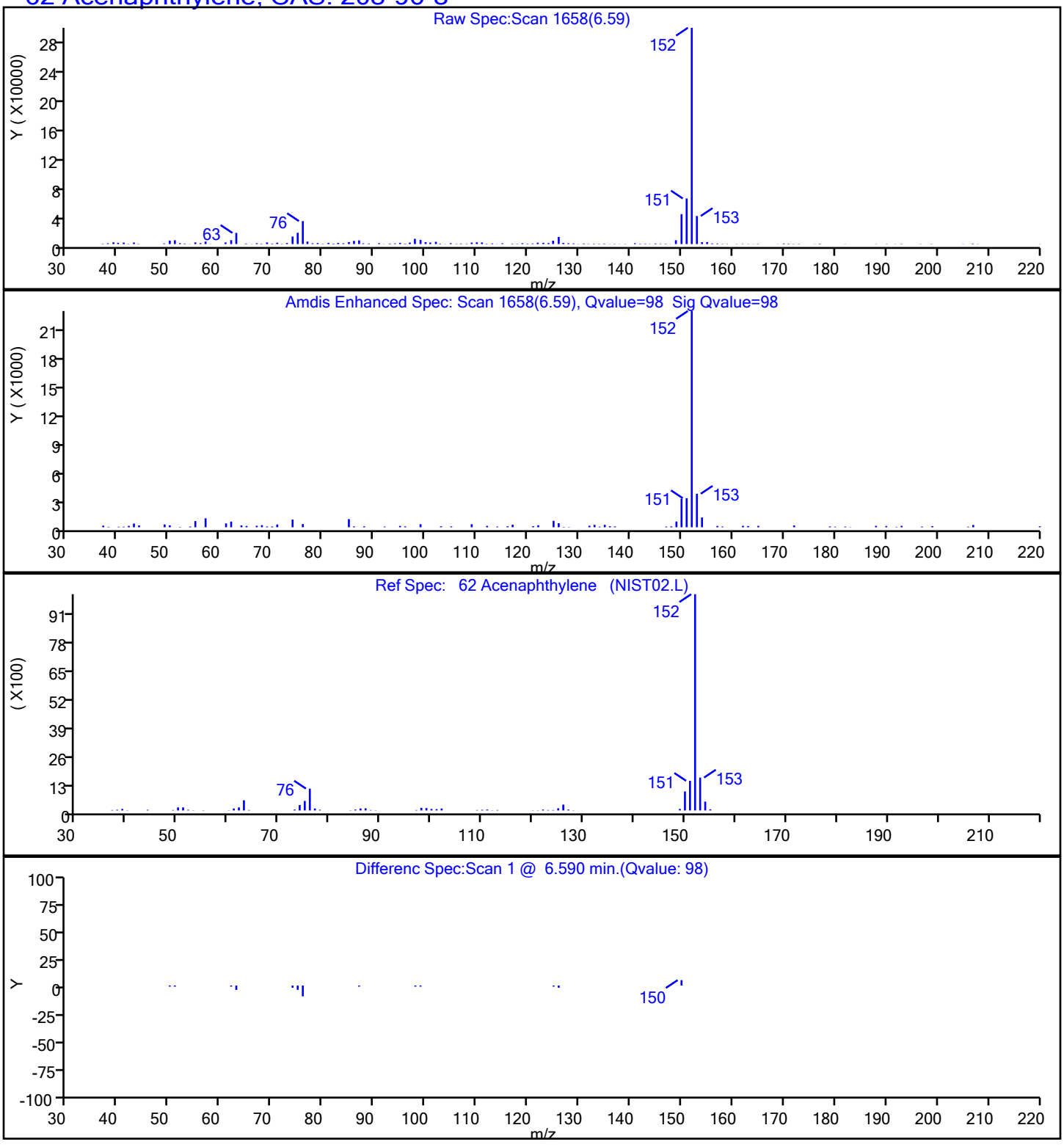
Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

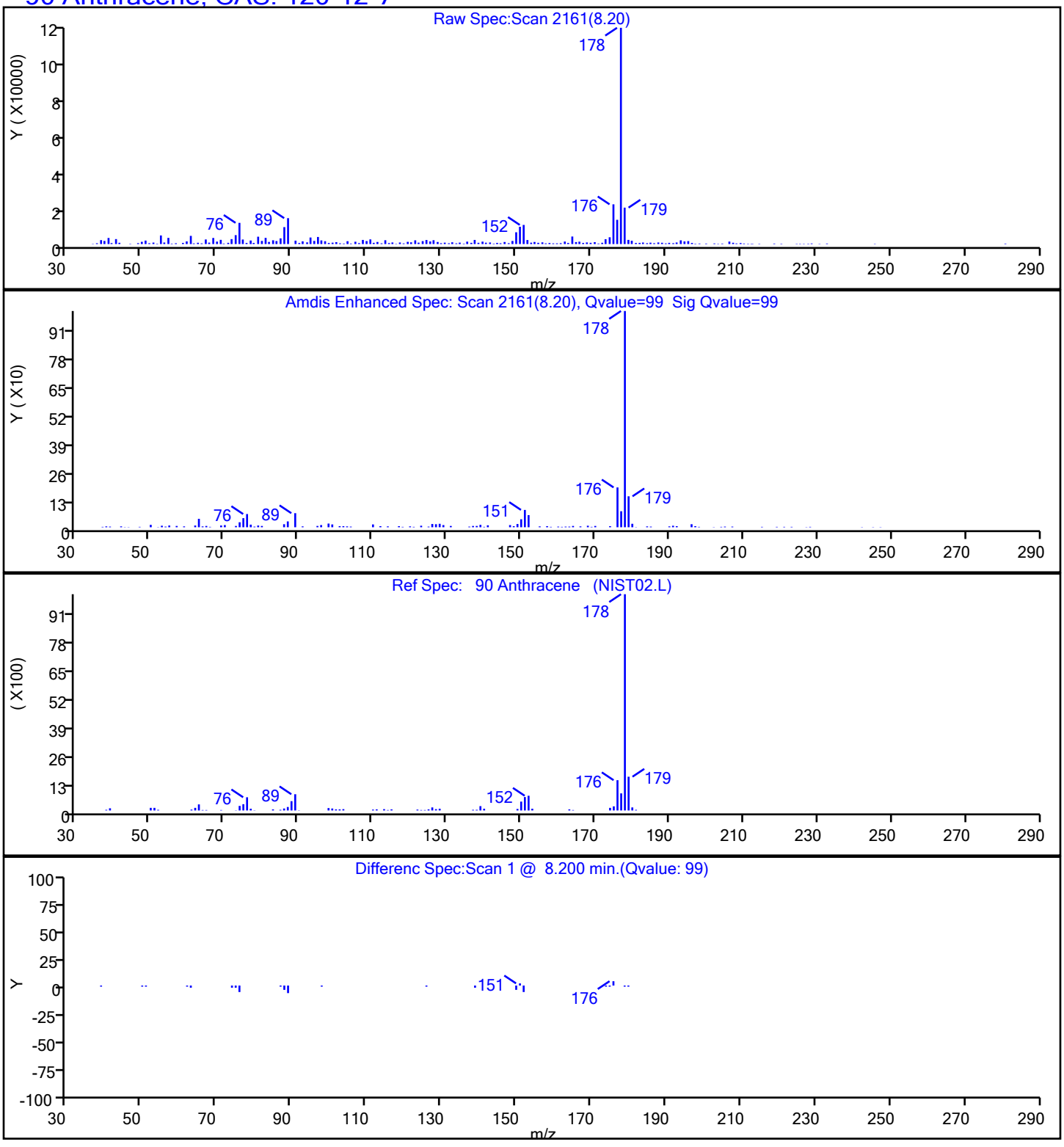
## 62 Acenaphthylene, CAS: 208-96-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7



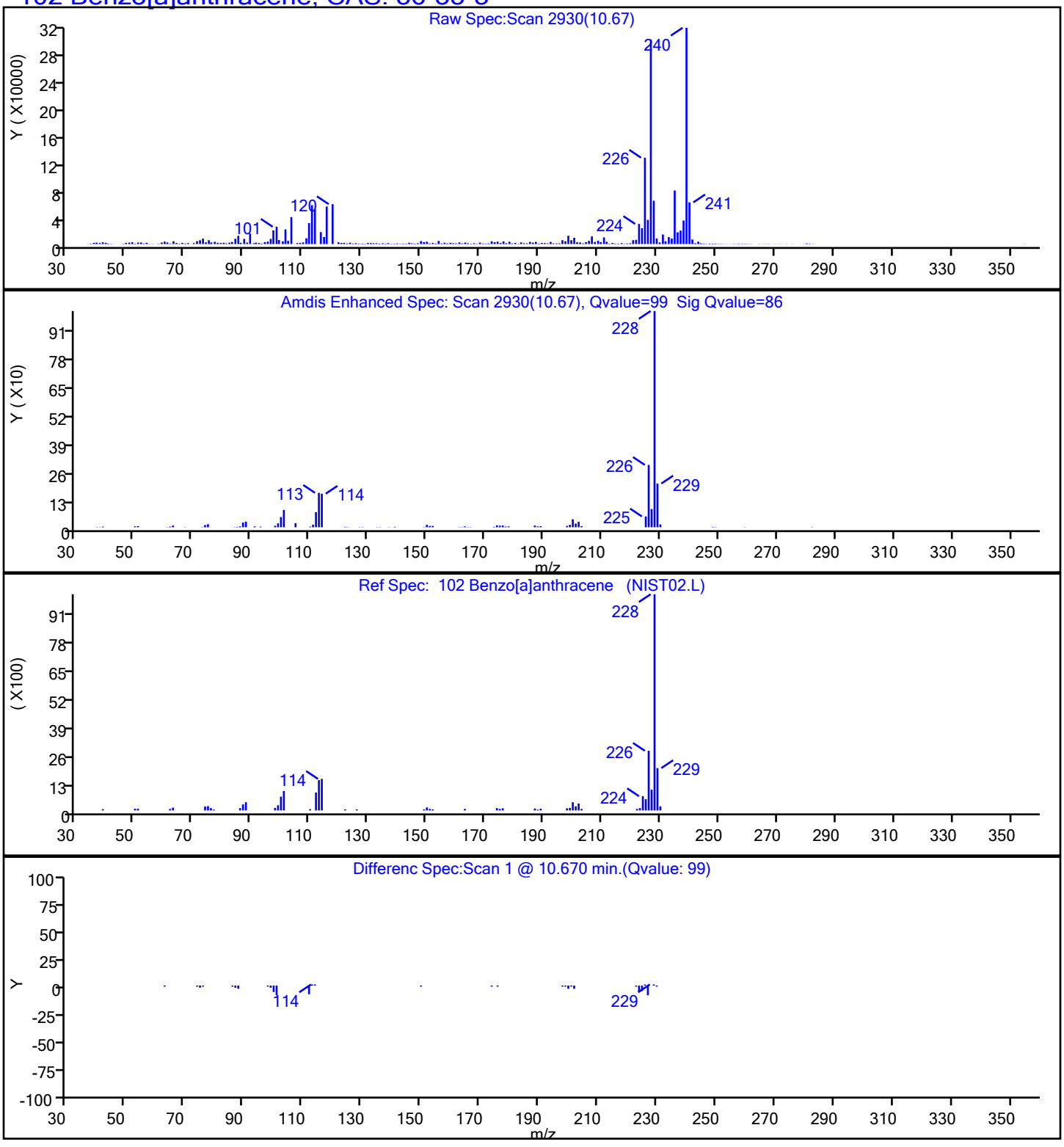
Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3



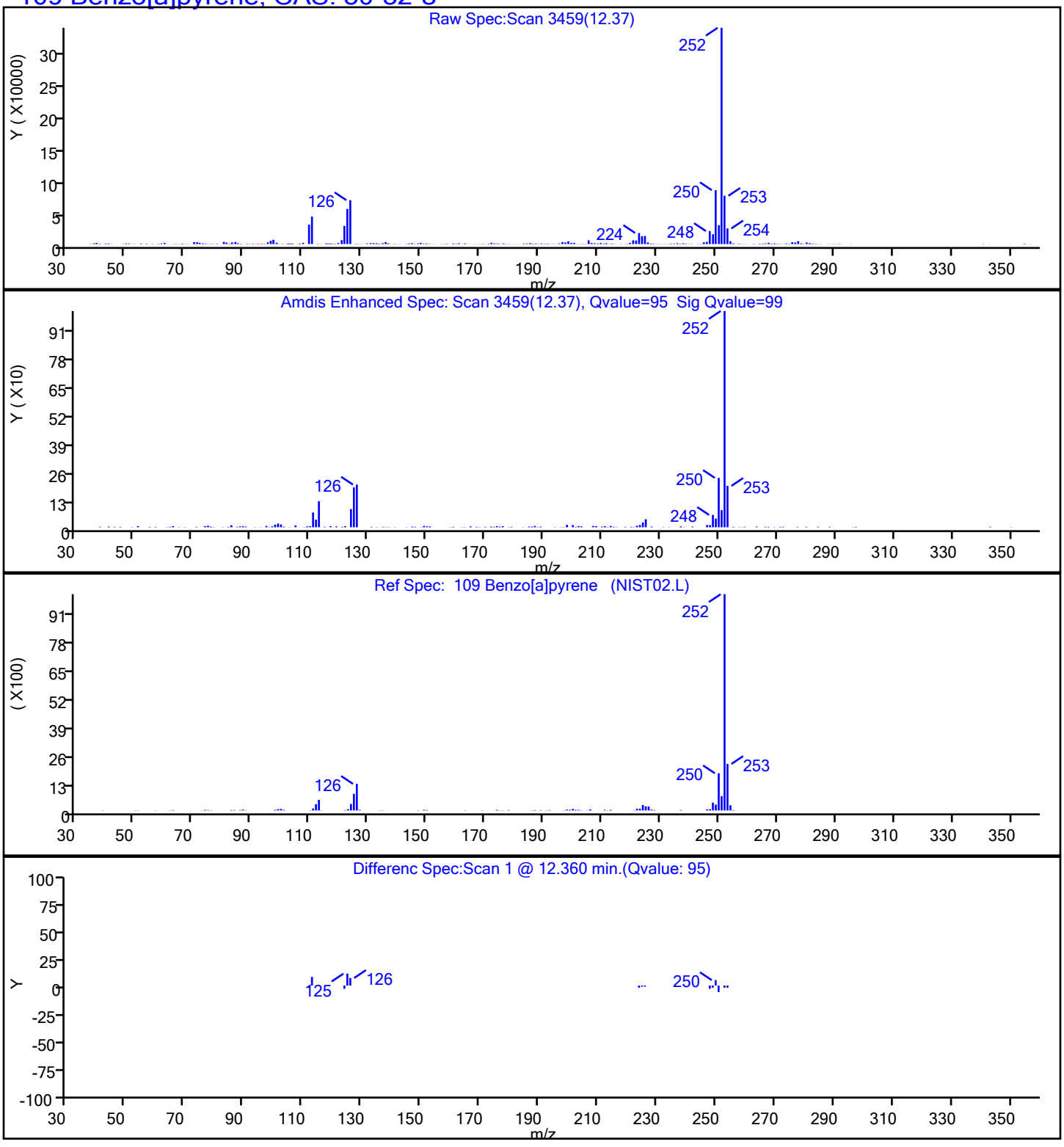
Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

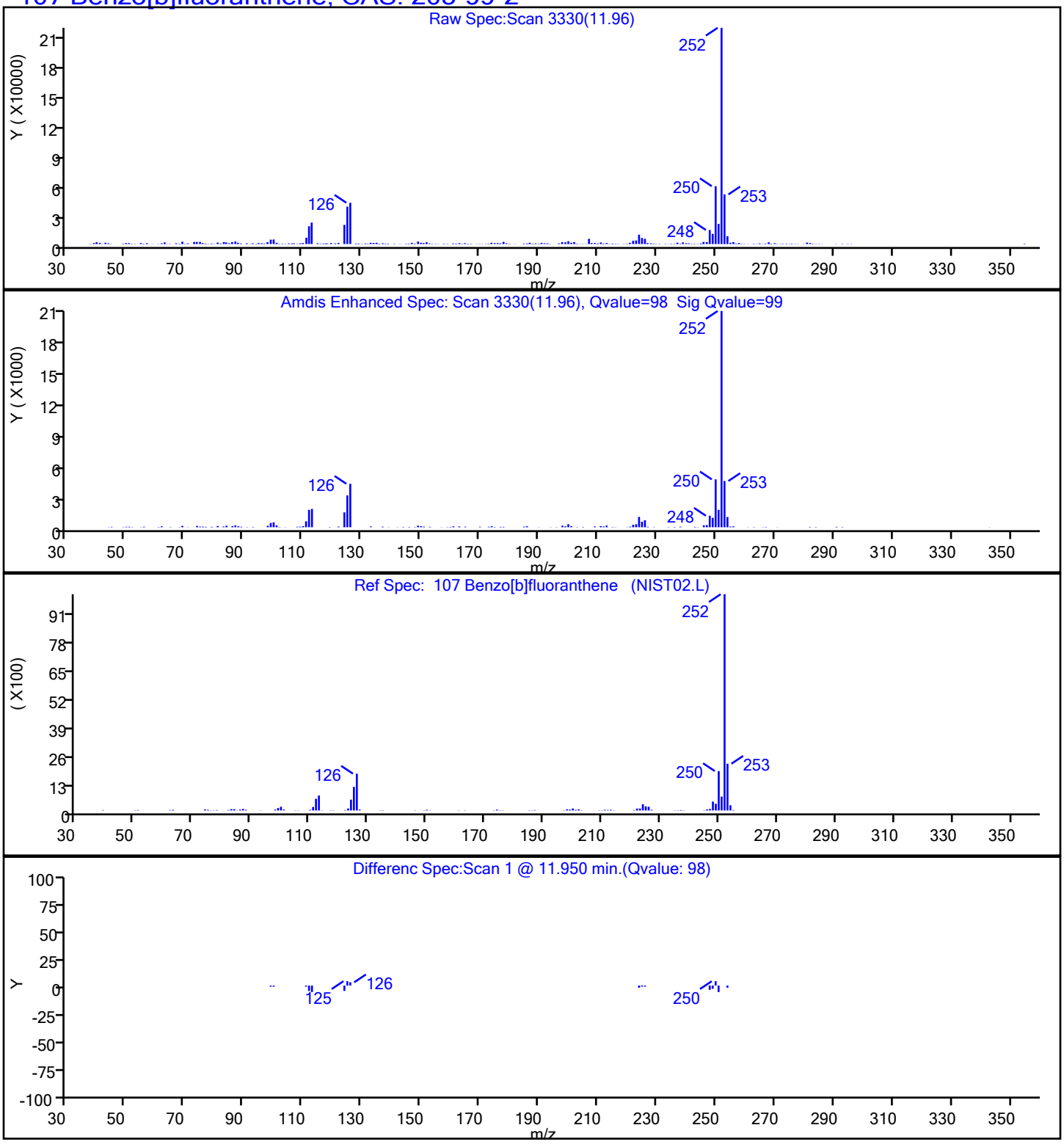
## 109 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[b]fluoranthene, CAS: 205-99-2



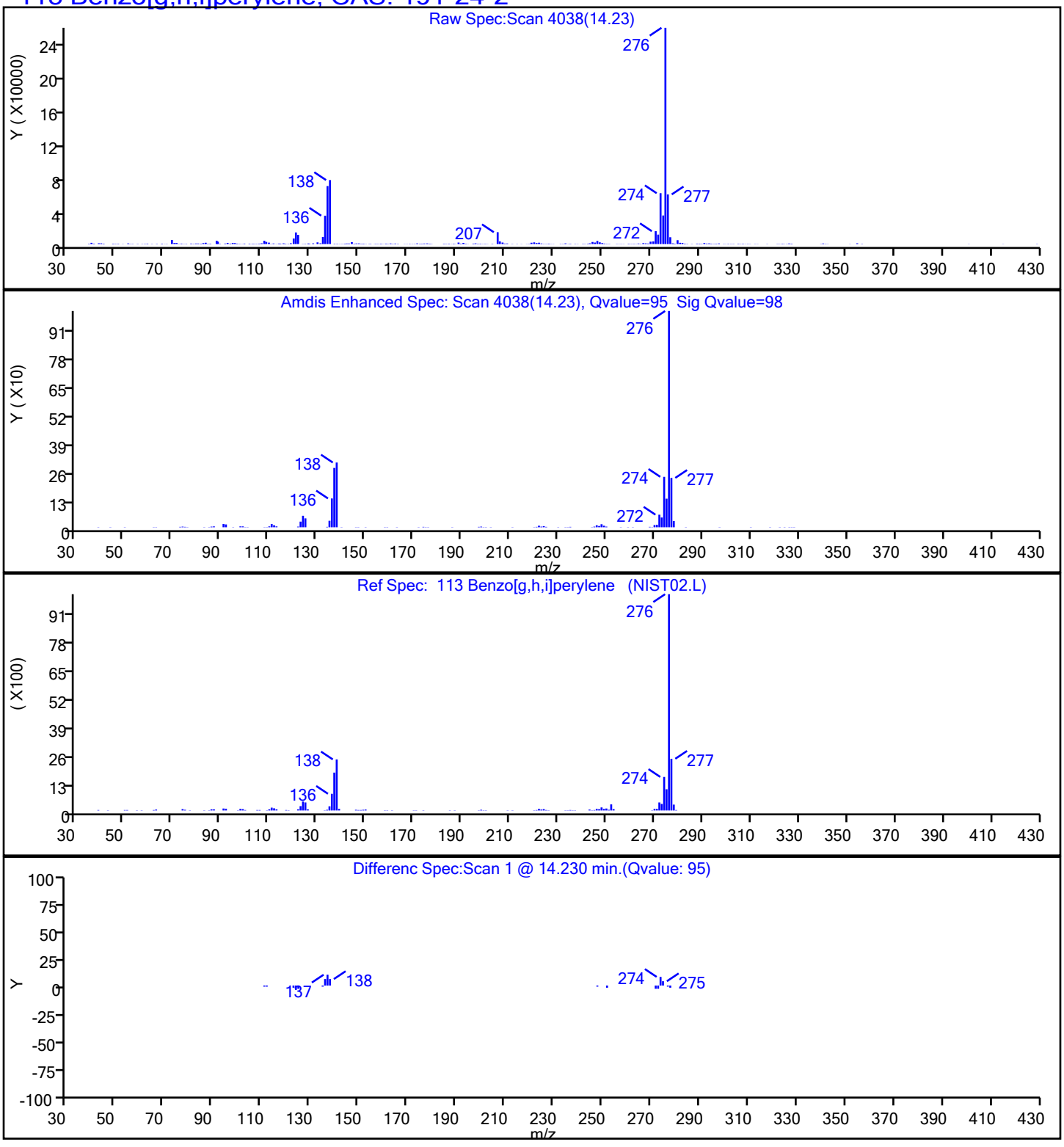
Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 113 Benzo[g,h,i]perylene, CAS: 191-24-2



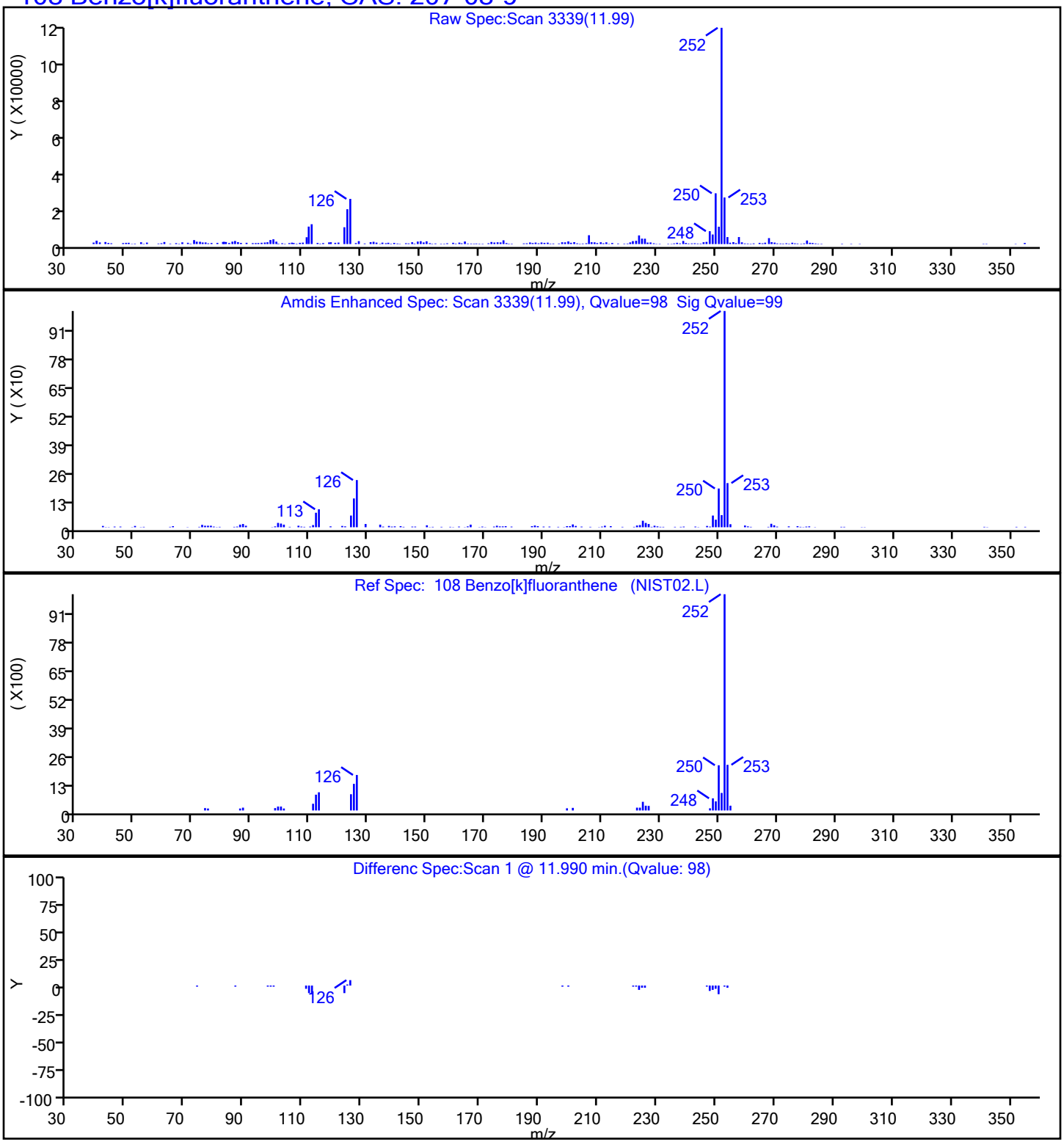
Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[k]fluoranthene, CAS: 207-08-9



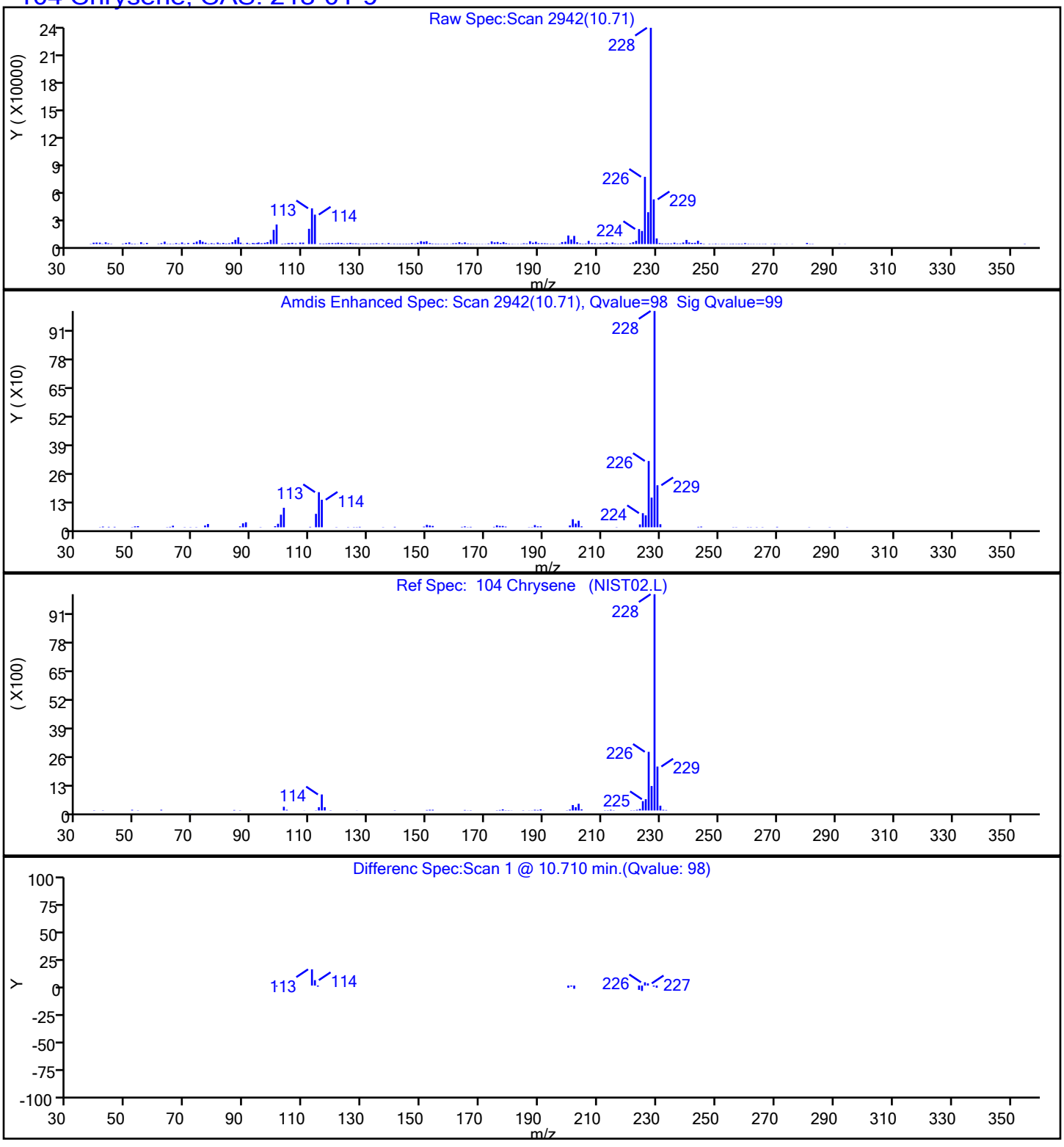
Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

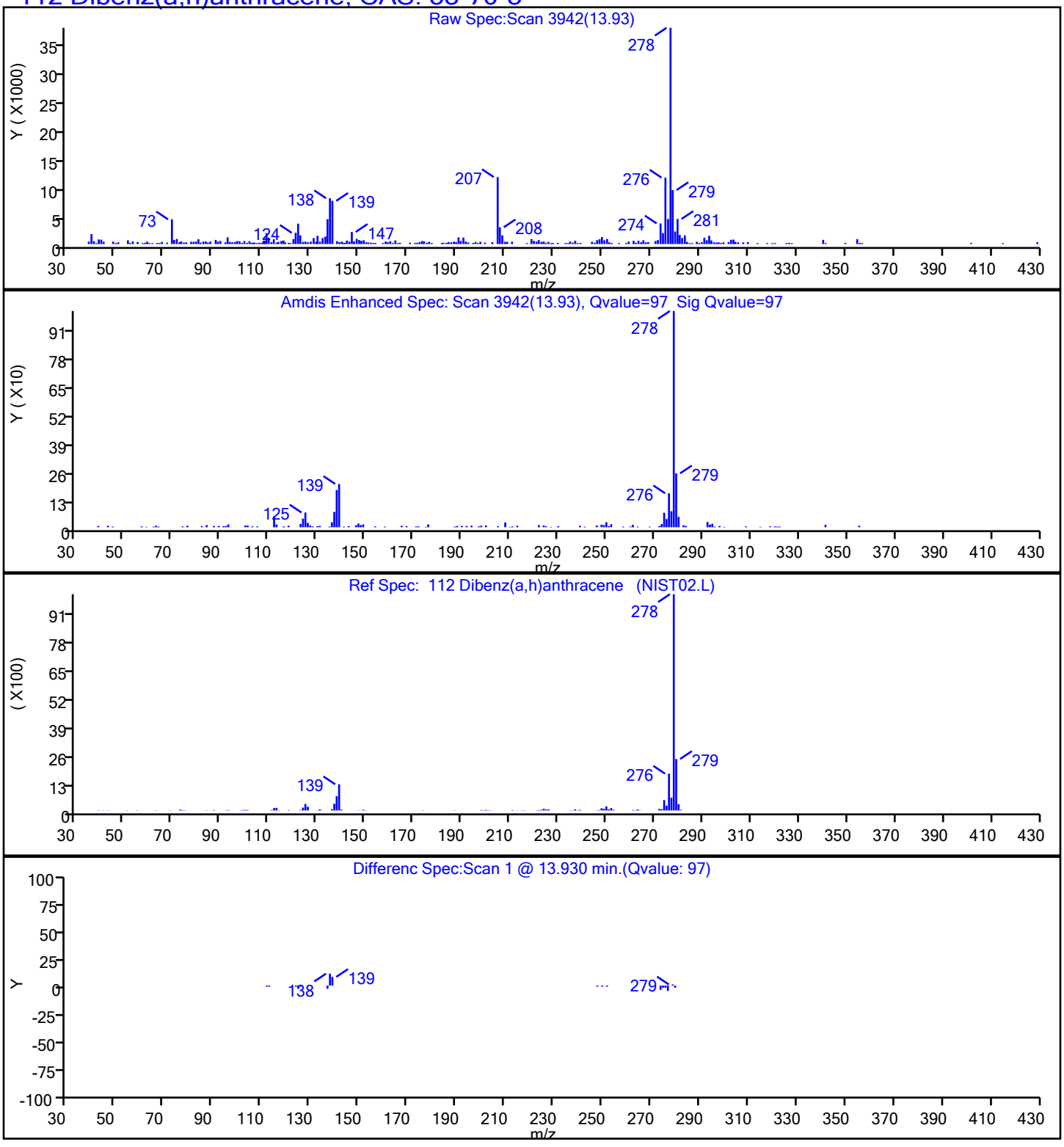
## 104 Chrysene, CAS: 218-01-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

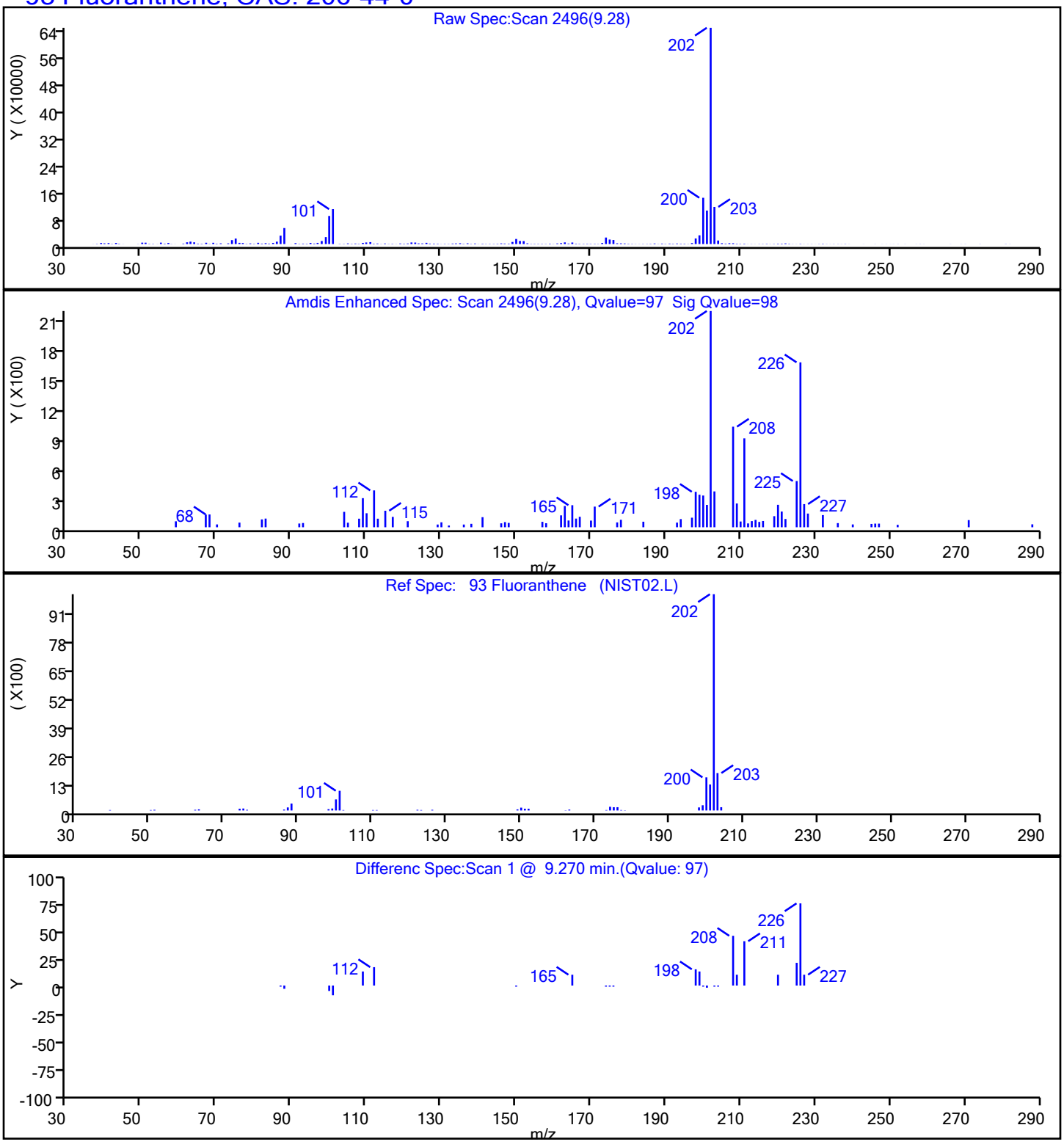
## 112 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

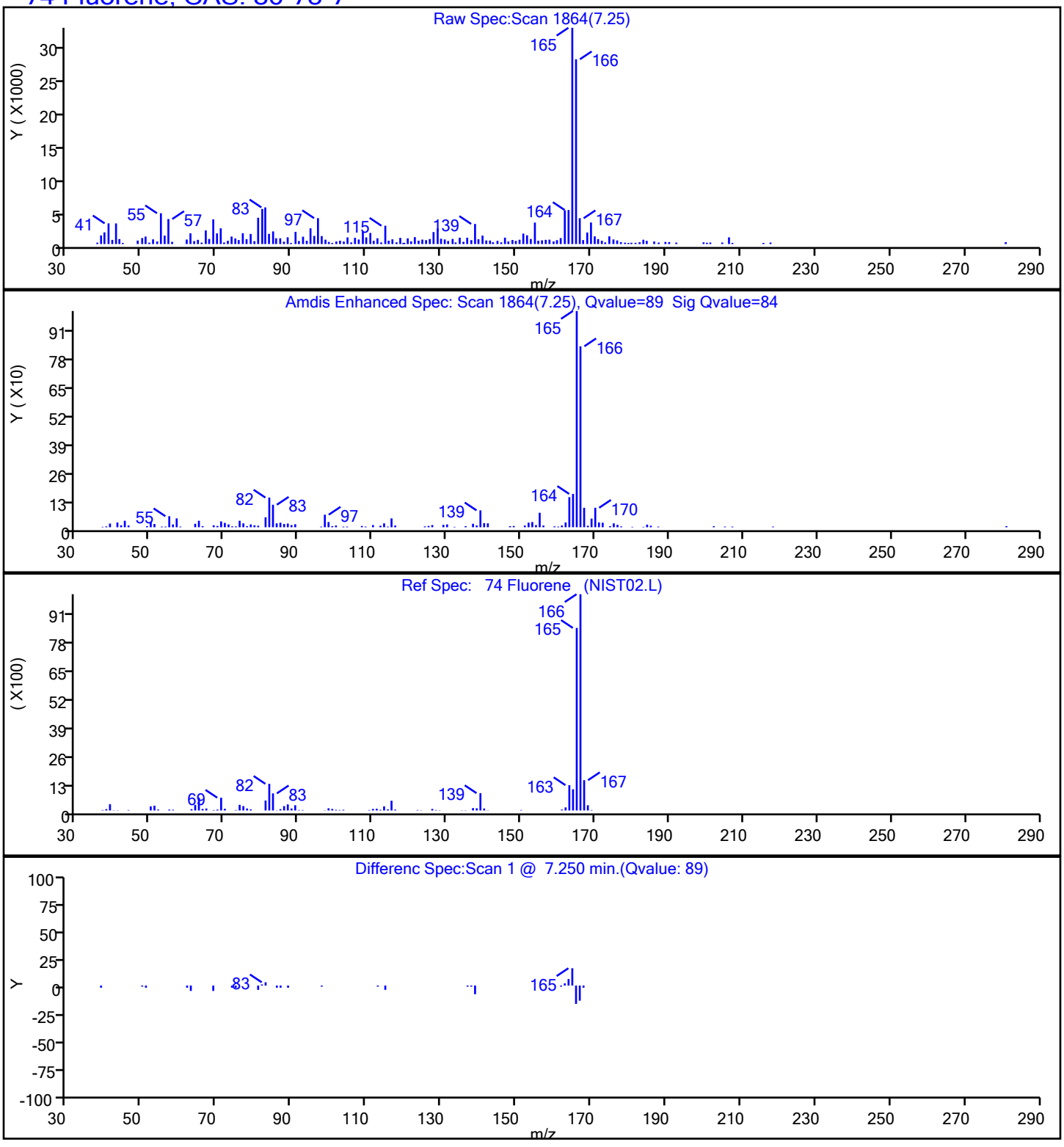
## 93 Fluoranthene, CAS: 206-44-0



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

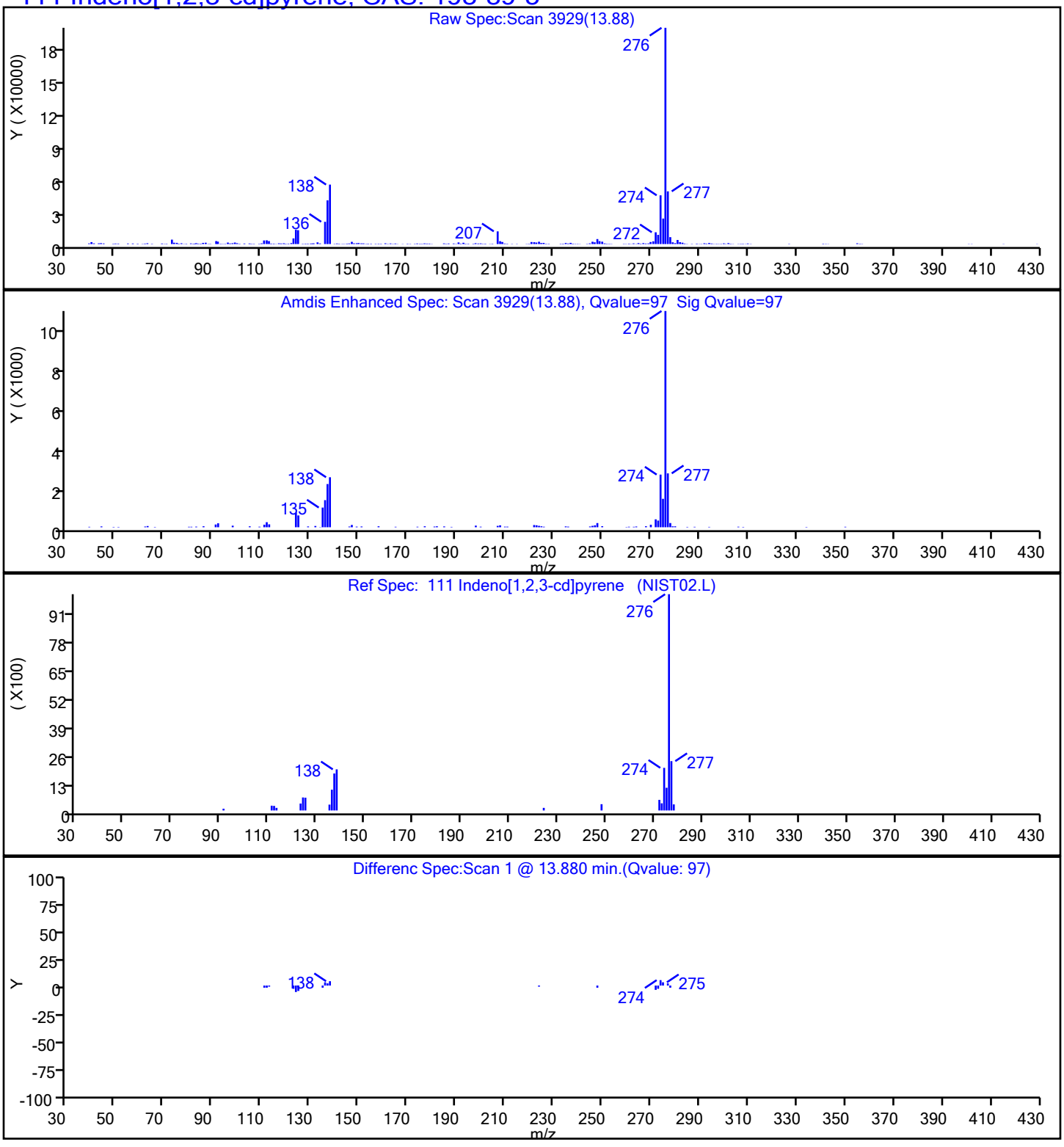
## 74 Fluorene, CAS: 86-73-7



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 111 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



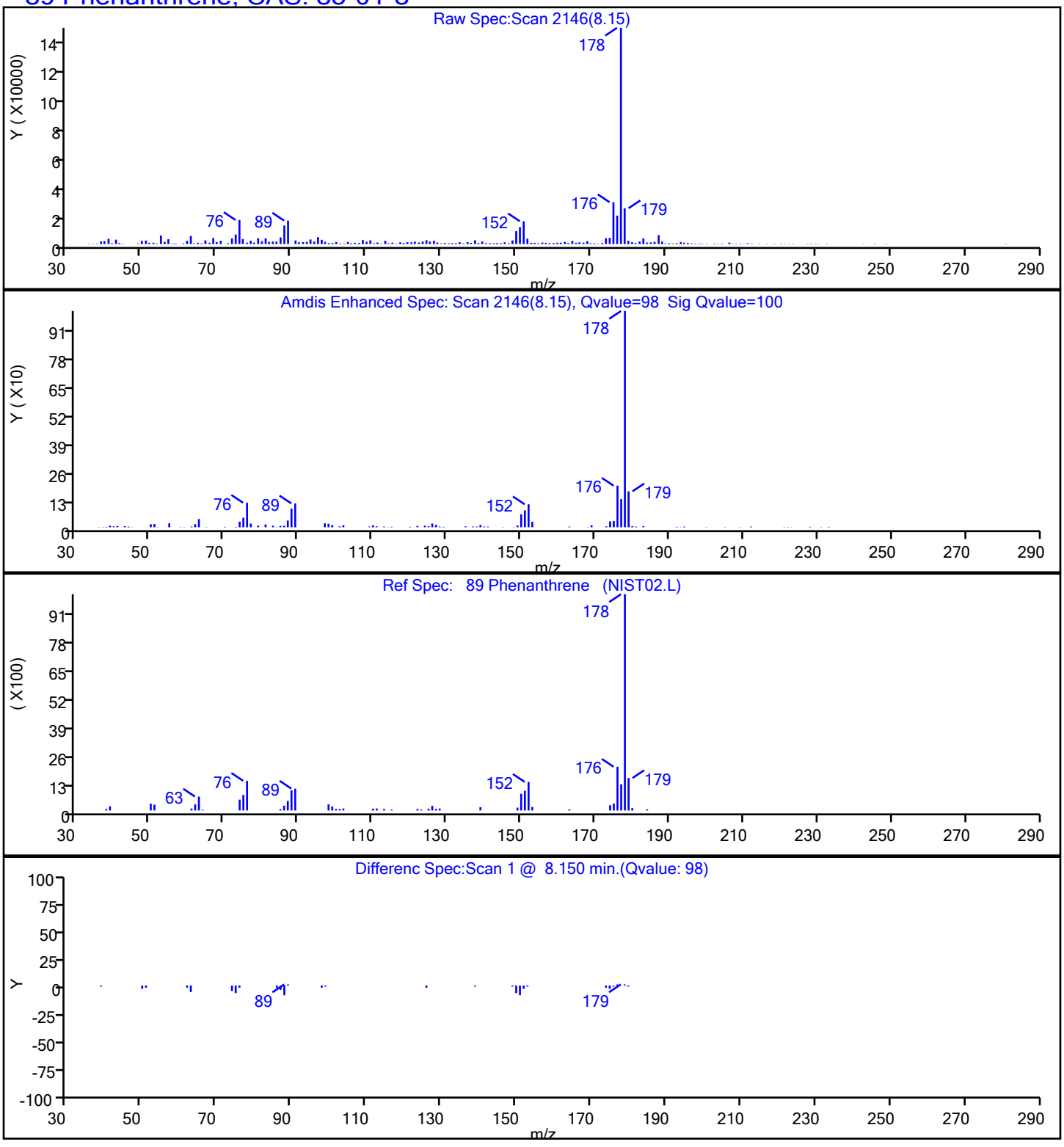
Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8



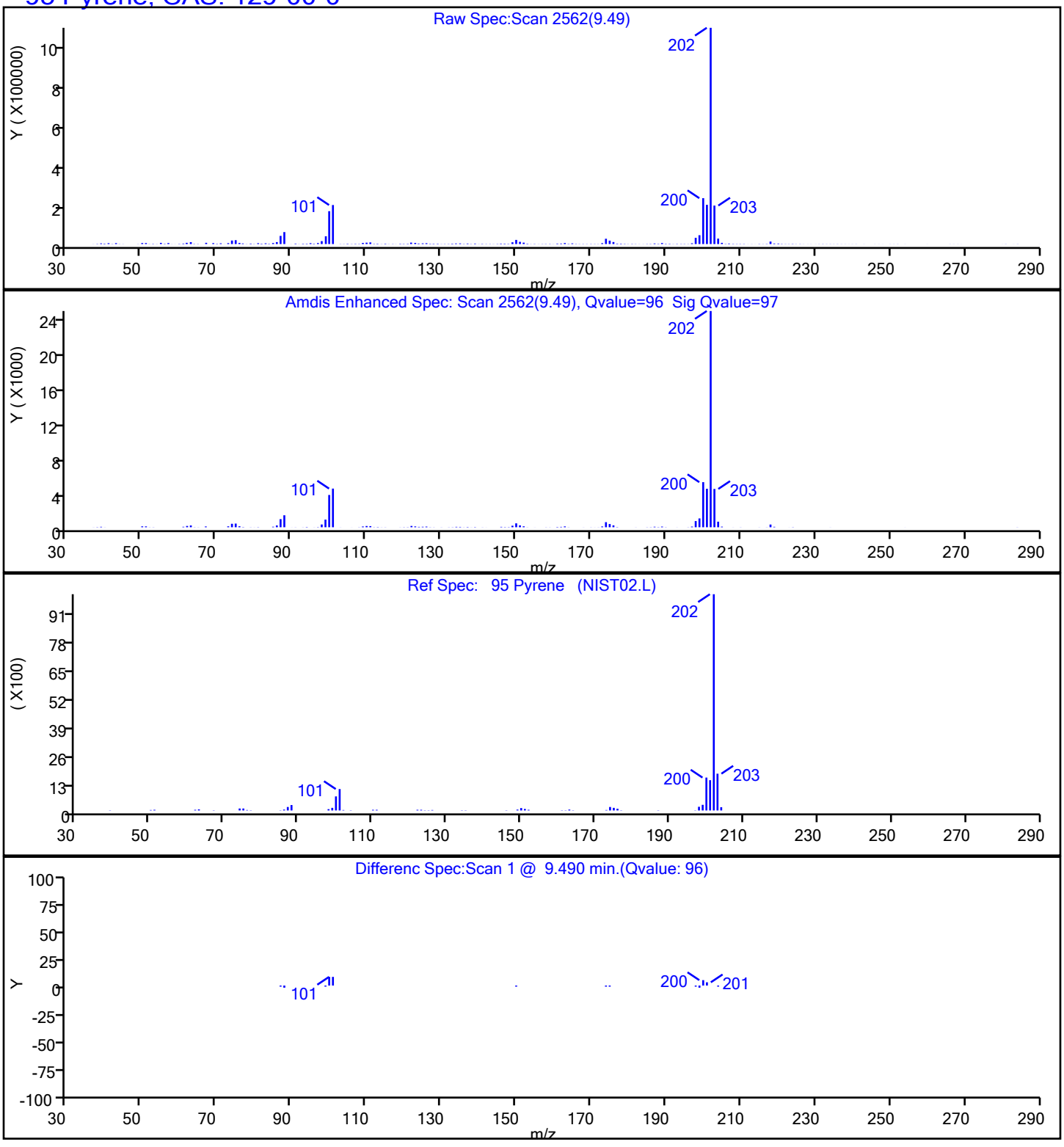
Report Date: 10-Mar-2025 15:08:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0



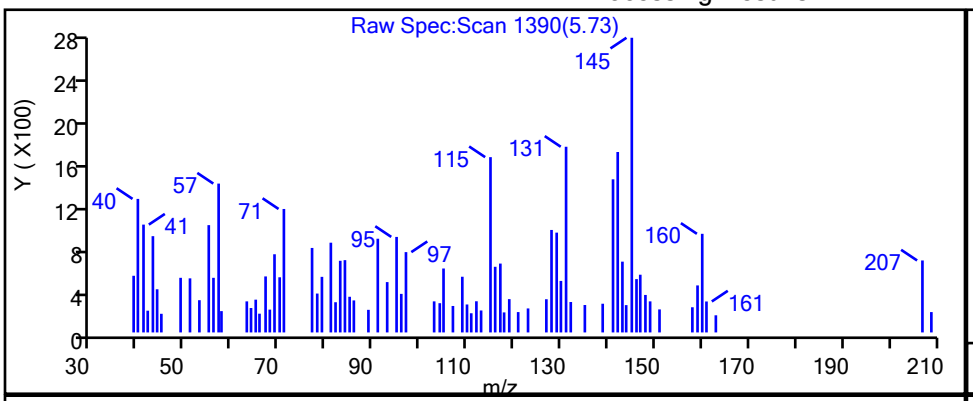
User Disabled Compound Report

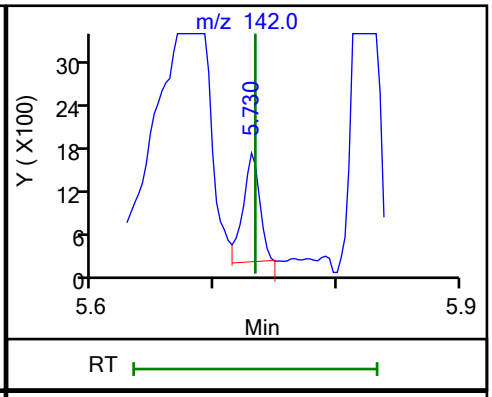
Eurofins Edison

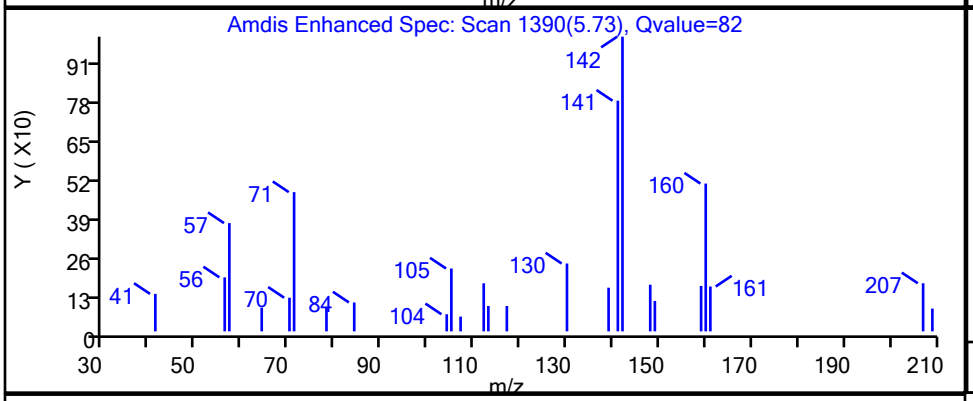
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

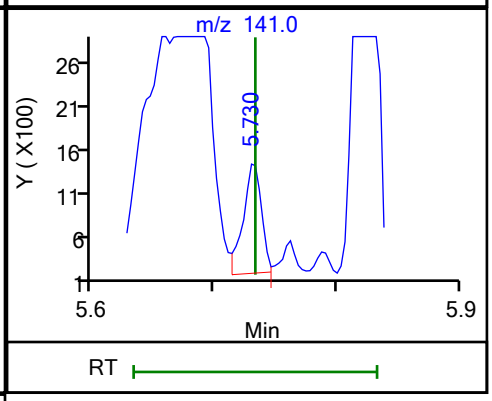
## 46 2-Methylnaphthalene, CAS: 91-57-6

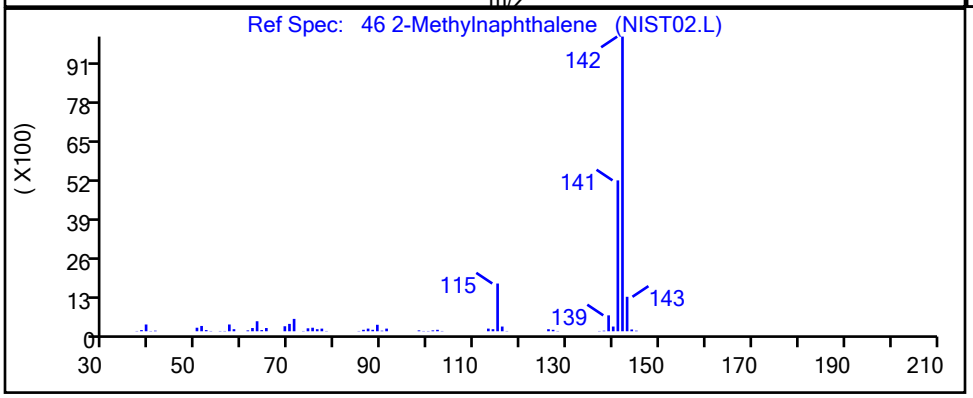
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.73 | 142.00 | 1475 | 0.008398 |
| 5.73 | 141.00 | 1320 | |

Reviewer: C8UP, 10-Mar-2025 15:06:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

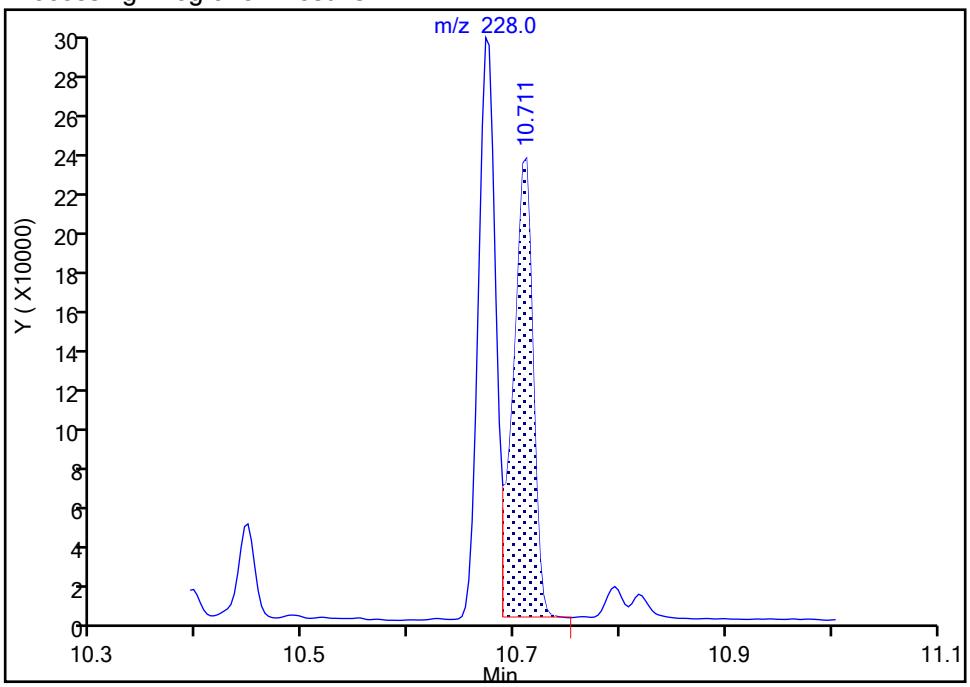
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

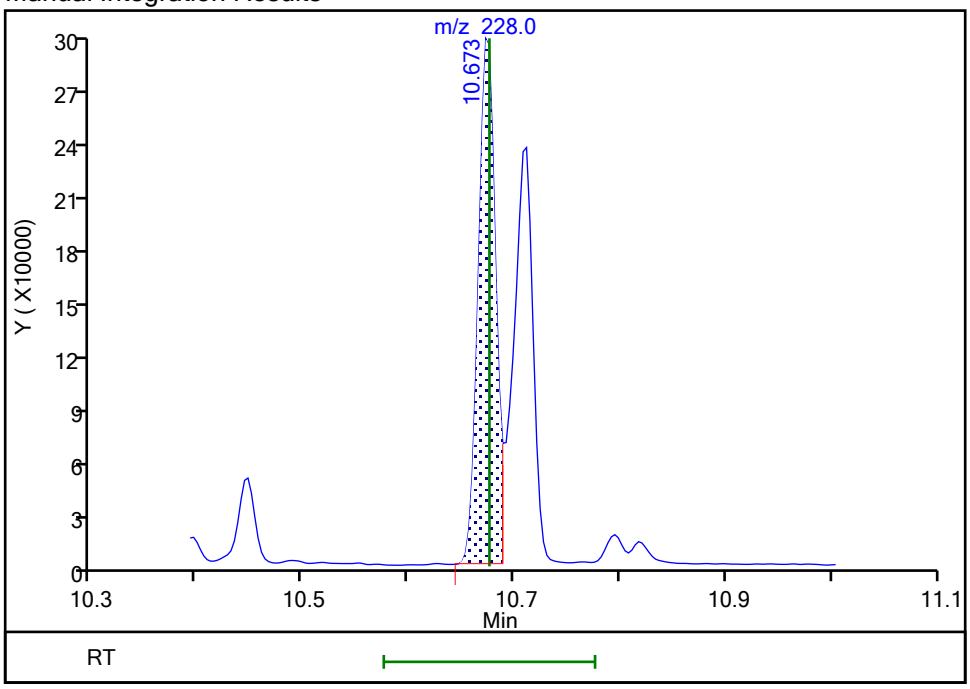
Processing Integration Results

RT: 10.71
Area: 304656
Amount: 1.656589
Amount Units: ug/ml




Manual Integration Results

RT: 10.67
Area: 339085
Amount: 1.843799
Amount Units: ug/ml




Reviewer: C8UP, 10-Mar-2025 15:06:35 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

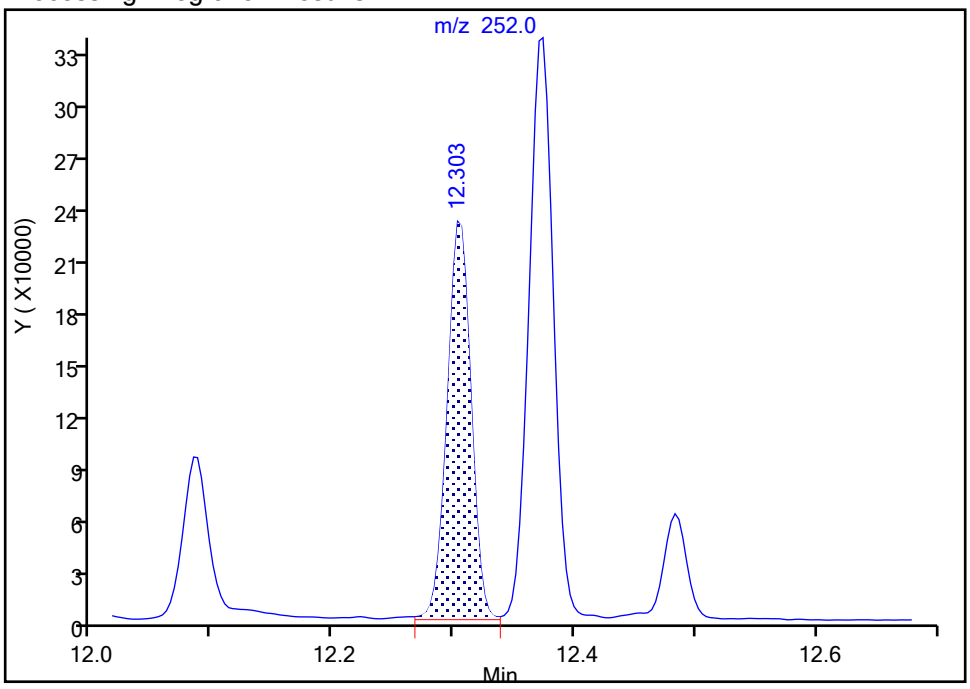
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

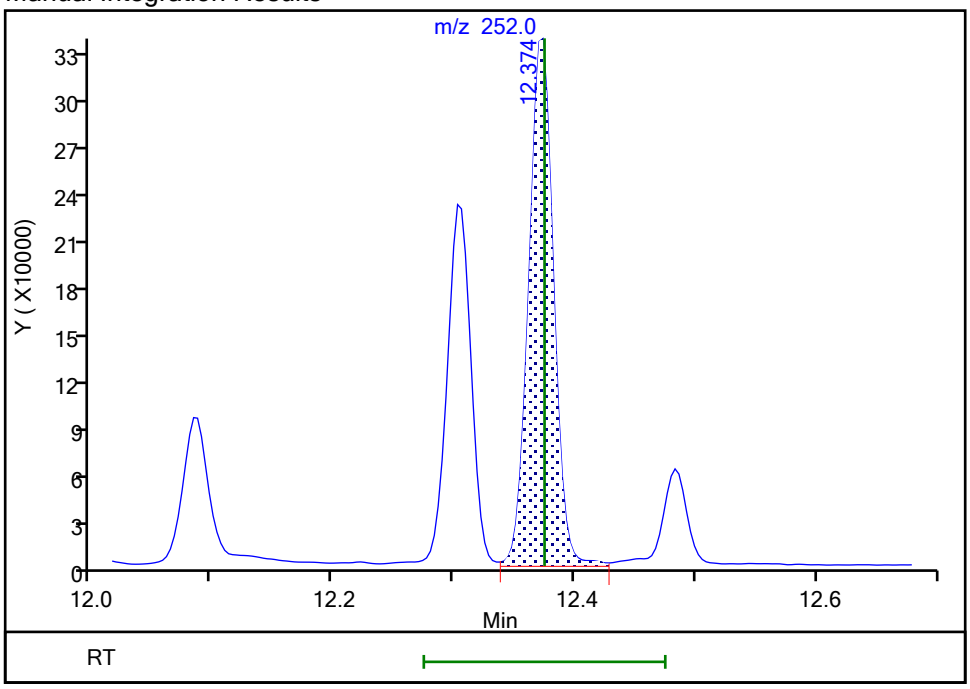
Processing Integration Results

RT: 12.30
Area: 318281
Amount: 1.977039
Amount Units: ug/ml




Manual Integration Results

RT: 12.37
Area: 481142
Amount: 2.988669
Amount Units: ug/ml




Reviewer: C8UP, 10-Mar-2025 15:07:08 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

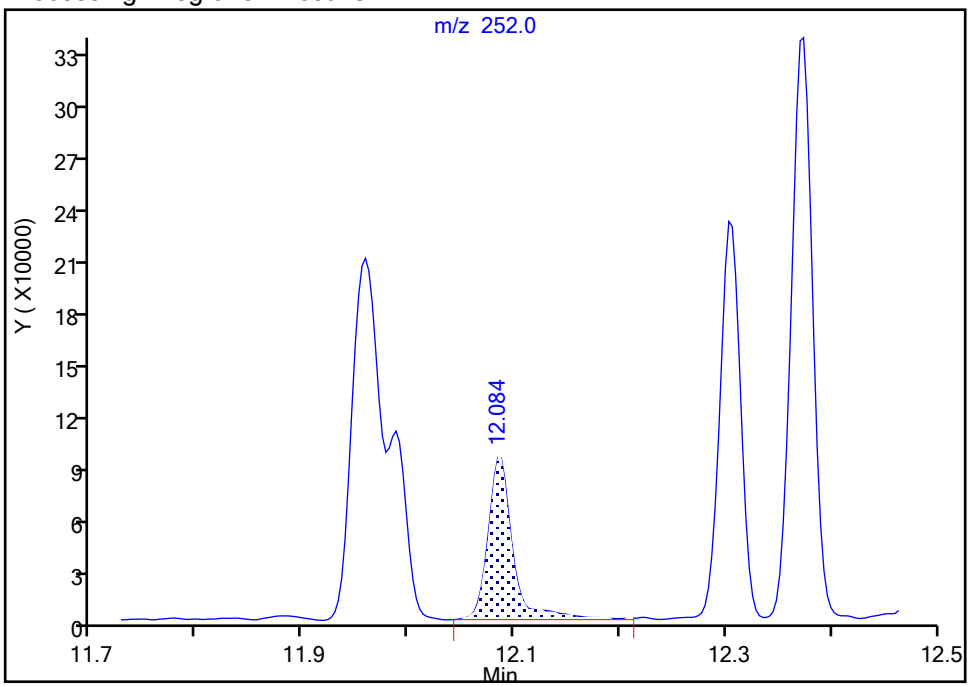
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

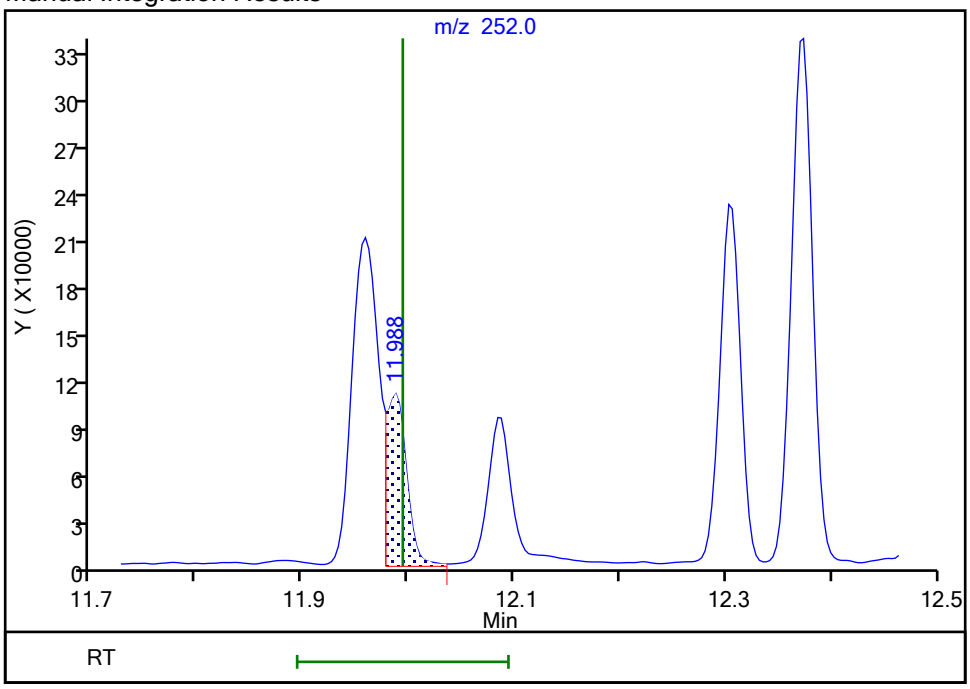
Processing Integration Results

RT: 12.08
Area: 154469
Amount: 0.821105
Amount Units: ug/ml




Manual Integration Results

RT: 11.99
Area: 148001
Amount: 0.786723
Amount Units: ug/ml




Reviewer: C8UP, 10-Mar-2025 15:07:01 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

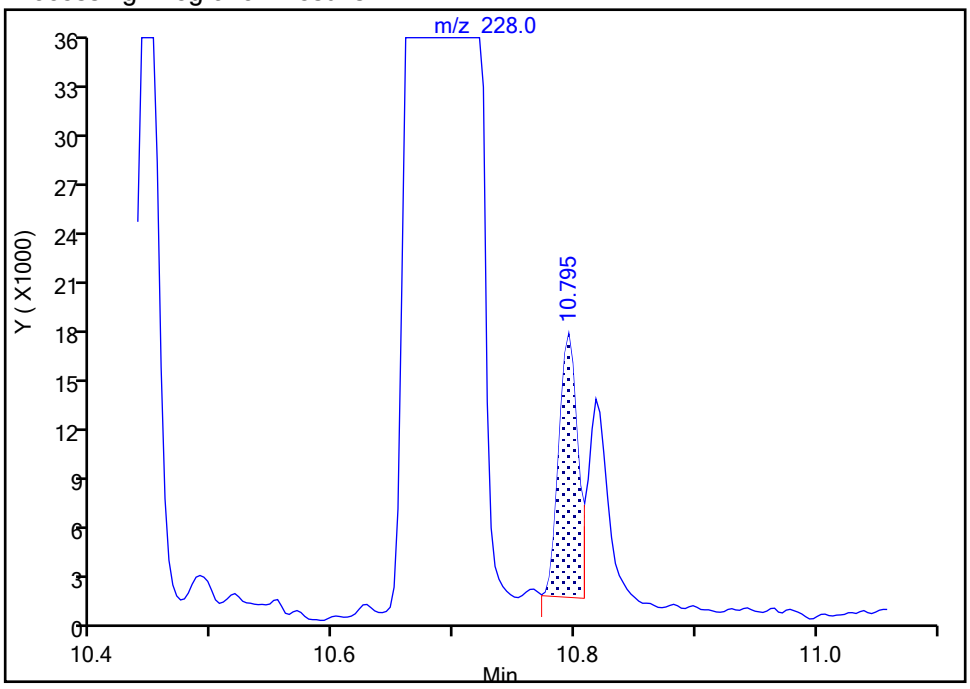
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Signal: 1

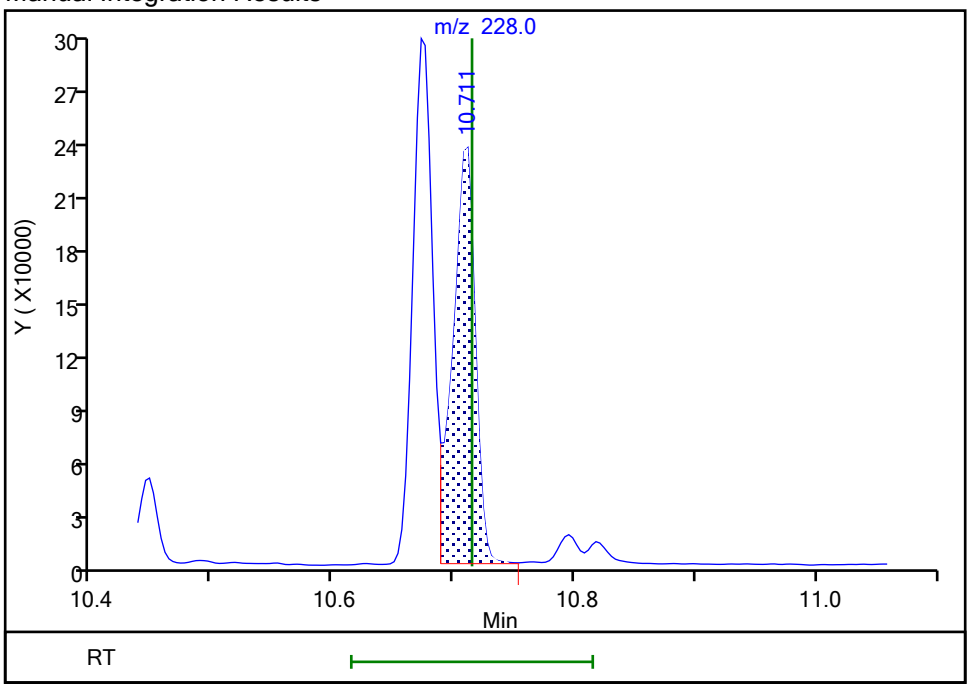
Processing Integration Results

RT: 10.79
Area: 17268
Amount: 0.097266
Amount Units: ug/ml




Manual Integration Results

RT: 10.71
Area: 304656
Amount: 1.716040
Amount Units: ug/ml




Reviewer: C8UP, 10-Mar-2025 15:06:39 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Split Peak

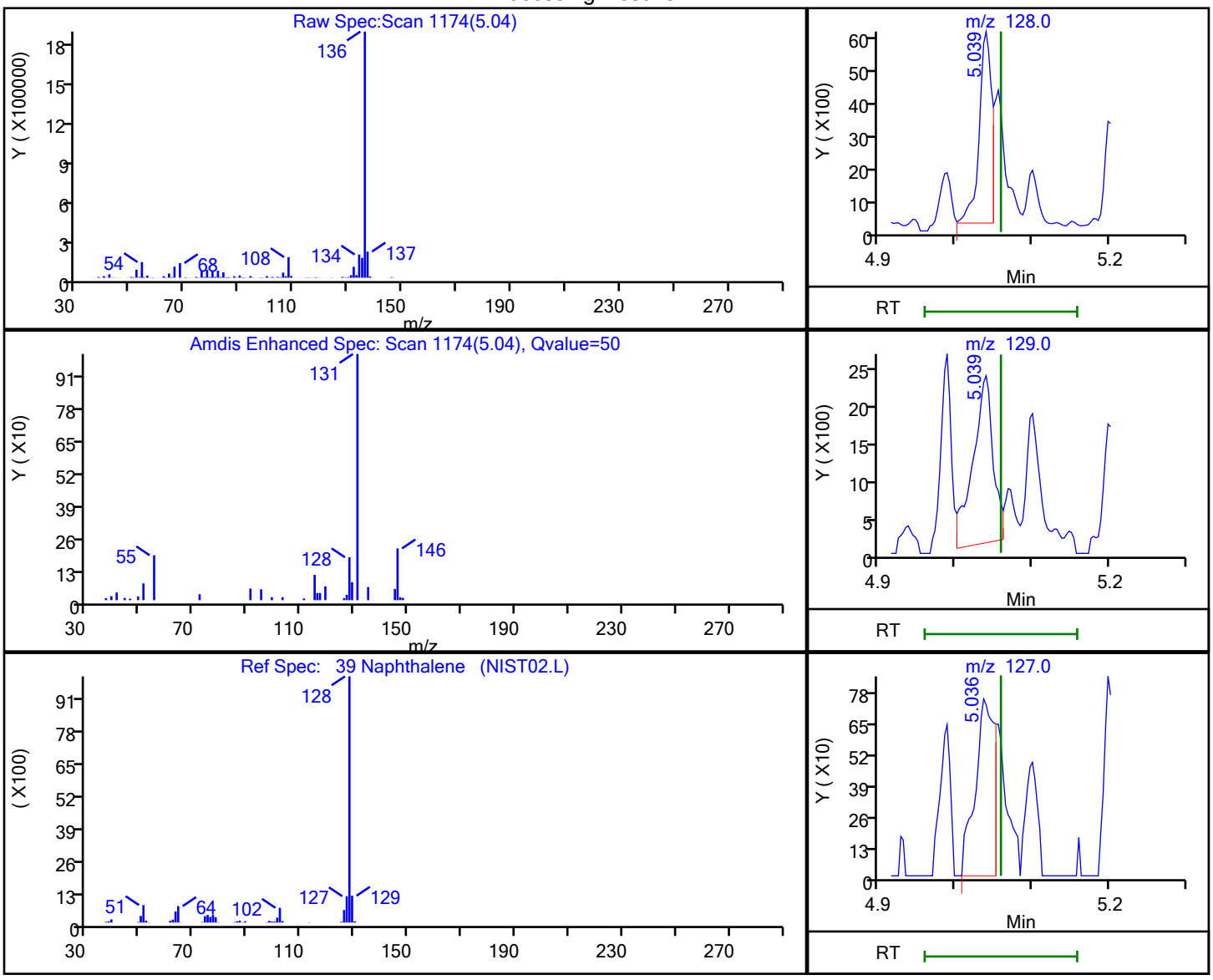
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348541.D | | | | |
| Injection Date: | 09-Mar-2025 21:10:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-5-A | Lab Sample ID: | 460-321765-5 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.04 | 128.00 | 6752 | 0.025160 |
| 5.04 | 129.00 | 4126 | |
| 5.04 | 127.00 | 1303 | |

Reviewer: C8UP, 10-Mar-2025 15:06:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-09S1 | Lab Sample ID: 460-321765-6

Matrix: Water | Lab File ID: M348536.D

Analysis Method: 8270E | Date Collected: 03/04/2025 12:30

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 19:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 1.1 | J | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.7 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 0.99 | J | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 1.4 | J | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 1.0 | J | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 67 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 74 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 18 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D
Lims ID: 460-321765-E-6-A
Client ID: HHMW-09S1
Sample Type: Client
Inject. Date: 09-Mar-2025 19:25:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-017
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 15:01:01 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 15:01:01

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.538 | 2.545 | -0.007 | 97 | 323876 | 3.85 | |
| $ 6 Phenol-d5 | 99 | 3.432 | 3.443 | -0.011 | 0 | 262564 | 2.42 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.783 | 3.789 | -0.005 | 95 | 507131 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.332 | 4.339 | -0.007 | 86 | 660186 | 7.38 | |
| * 38 Naphthalene-d8 | 136 | 5.035 | 5.036 | -0.001 | 99 | 1882627 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.096 | 6.098 | -0.002 | 97 | 1163483 | 6.68 | |
| 62 Acenaphthylene | 152 | 6.585 | 6.587 | -0.005 | 98 | 28966 | 0.1345 | |
| * 64 Acenaphthene-d10 | 164 | 6.723 | 6.728 | -0.005 | 96 | 916607 | 8.00 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.476 | 7.477 | -0.001 | 92 | 221029 | 7.67 | |
| * 88 Phenanthrene-d10 | 188 | 8.133 | 8.133 | 0.000 | 99 | 1547607 | 8.00 | |
| 81 1-Naphthylamine | 143 | 8.168 | 8.248 | -0.084 | 58 | 380 | NC | |
| 82 2-Naphthylamine | 143 | 8.537 | 8.541 | -0.007 | 52 | 675 | NC | |
| $ 97 Terphenyl-d14 | 244 | 9.667 | 9.672 | -0.005 | 98 | 286884 | 1.75 | |
| * 103 Chrysene-d12 | 240 | 10.682 | 10.686 | -0.004 | 99 | 1019977 | 8.00 | |
| 107 Benzo[b]fluoranthene | 252 | 11.957 | 11.957 | -0.002 | 93 | 18171 | 0.1234 | |
| 109 Benzo[a]pyrene | 252 | 12.368 | 12.375 | -0.007 | 96 | 27496 | 0.2077 | |
| * 110 Perylene-d12 | 264 | 12.451 | 12.452 | -0.001 | 98 | 1069377 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.879 | 13.889 | -0.012 | 96 | 21061 | 0.1273 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.229 | 14.241 | -0.014 | 95 | 29951 | 0.1791 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated

## Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 15:01:01 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D

Injection Date: 09-Mar-2025 19:25:30 Instrument ID: CBNAMS17

Lims ID: 460-321765-E-6-A Lab Sample ID: 460-321765-6

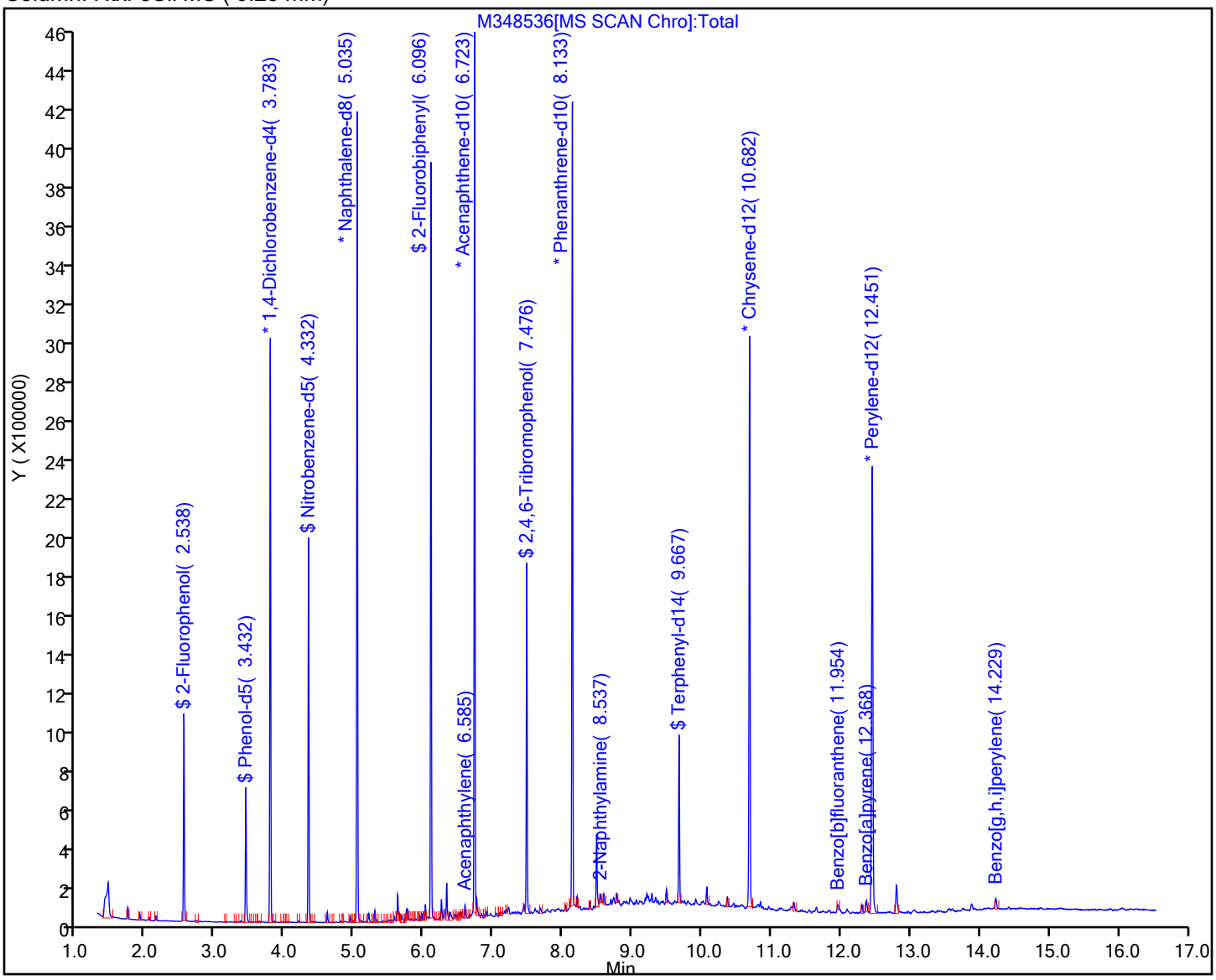
Client ID: HHMW-09S1

Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D
Lims ID: 460-321765-E-6-A
Client ID: HHMW-09S1
Sample Type: Client
Inject. Date: 09-Mar-2025 19:25:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-017
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 15:01:01 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 15:01:01

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 3.85 | 38.46 |
| $ 6 Phenol-d5 | 10.0 | 2.42 | 24.23 |
| $ 28 Nitrobenzene-d5 | 10.0 | 7.38 | 73.76 |
| $ 53 2-Fluorobiphenyl | 10.0 | 6.68 | 66.84 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 7.67 | 76.68 |
| $ 97 Terphenyl-d14 | 10.0 | 1.75 | 17.54 |

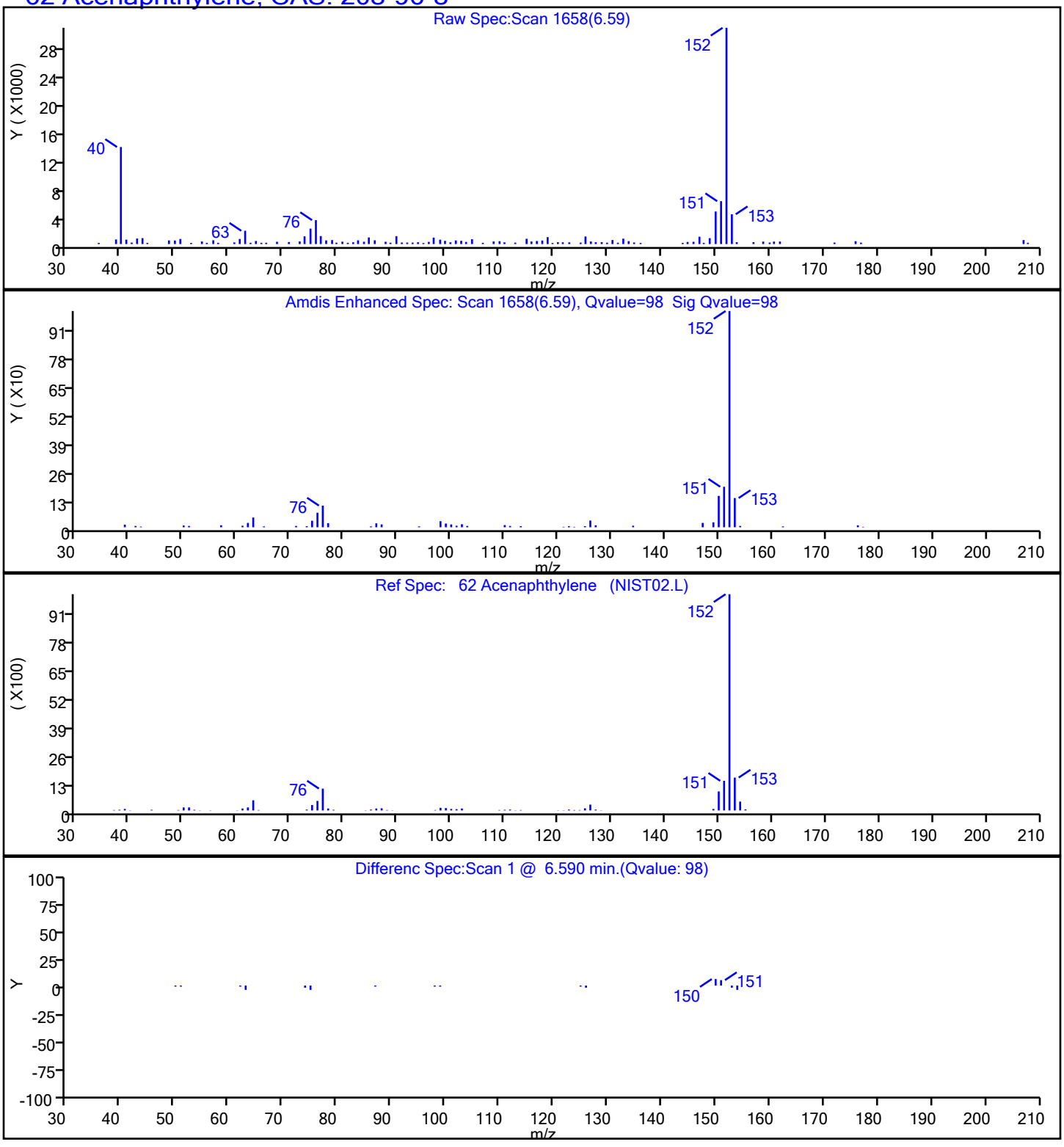
Report Date: 10-Mar-2025 15:01:01 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8



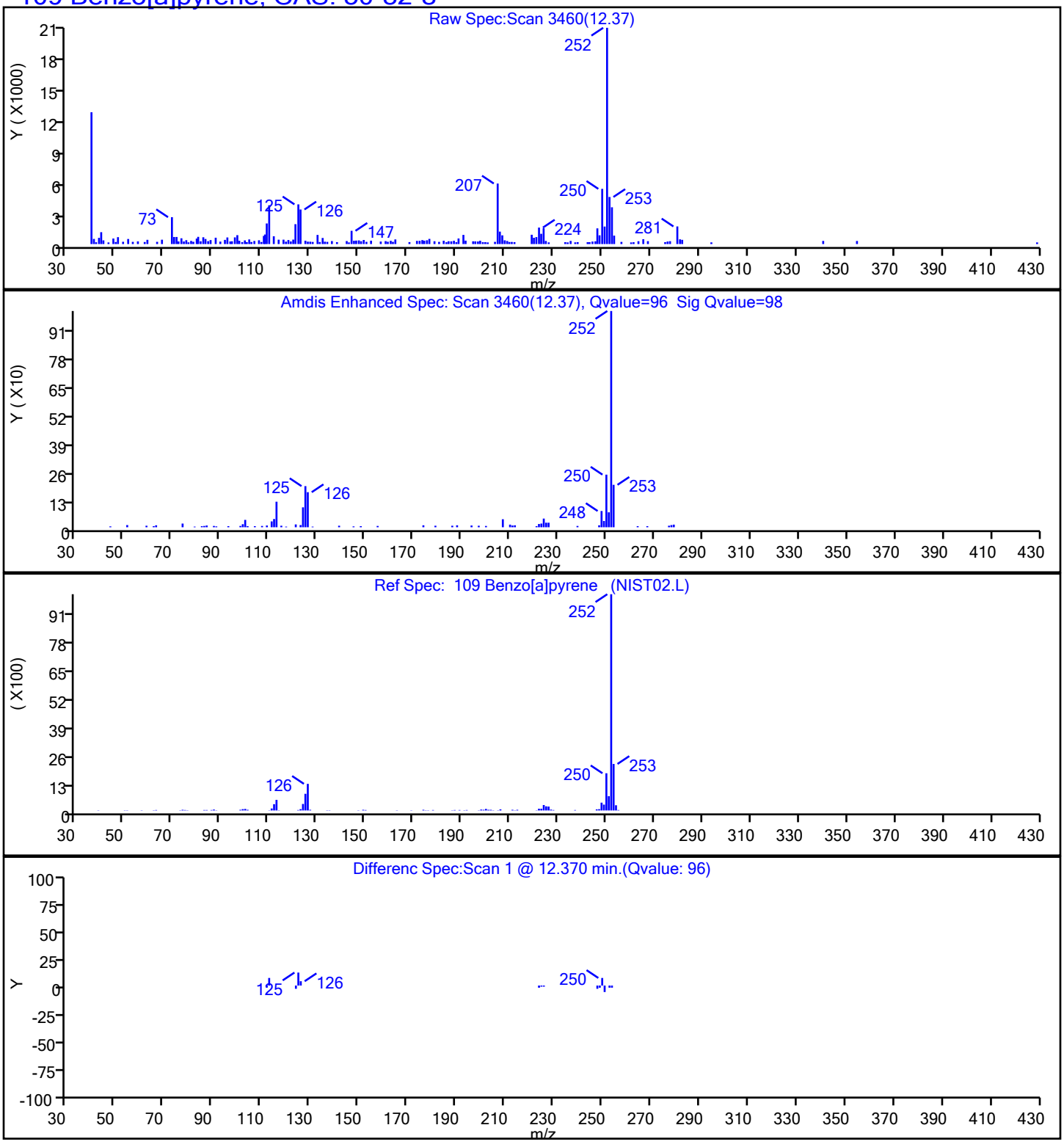
Report Date: 10-Mar-2025 15:01:02 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

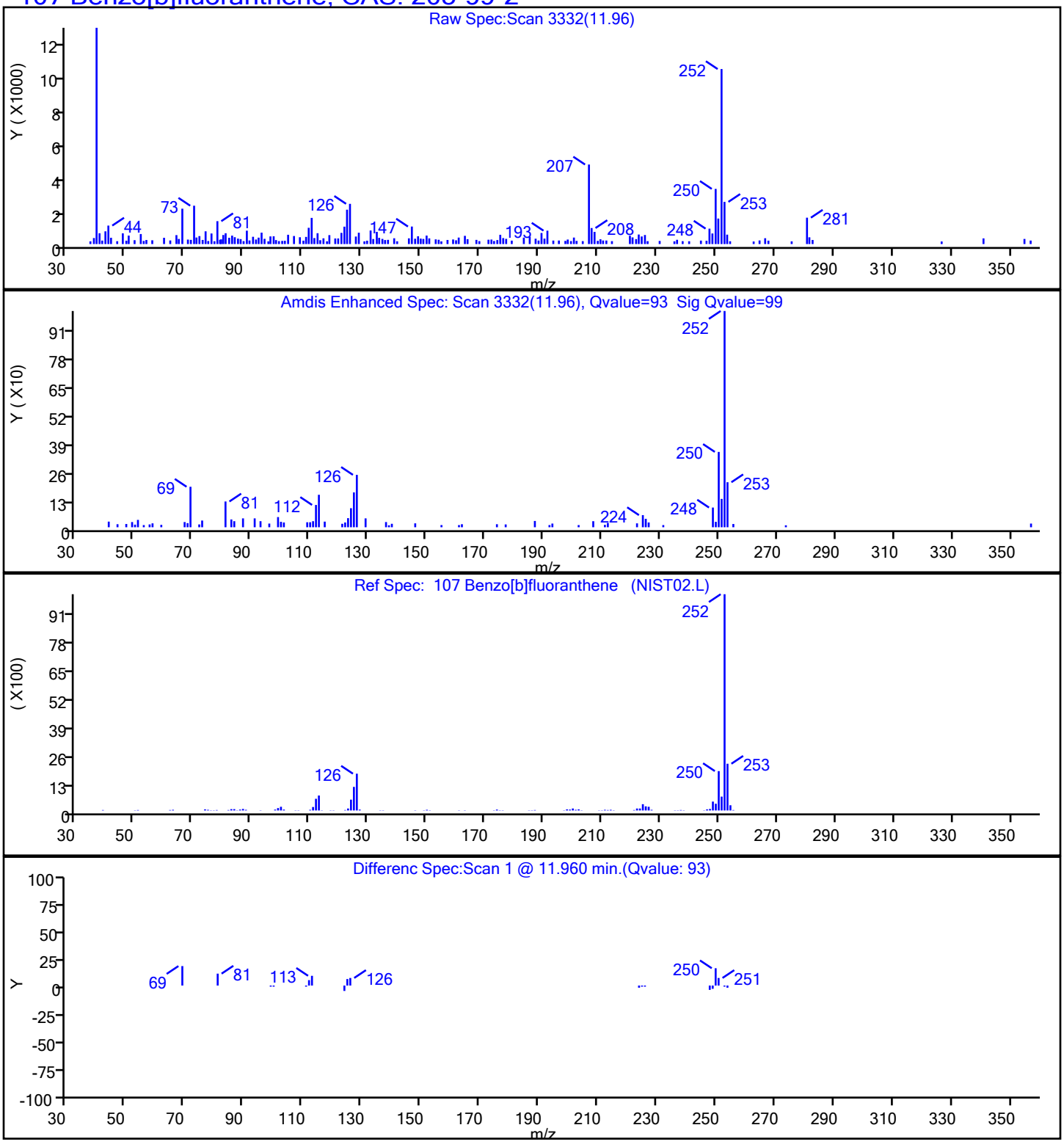
## 109 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D | | | | |
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[b]fluoranthene, CAS: 205-99-2



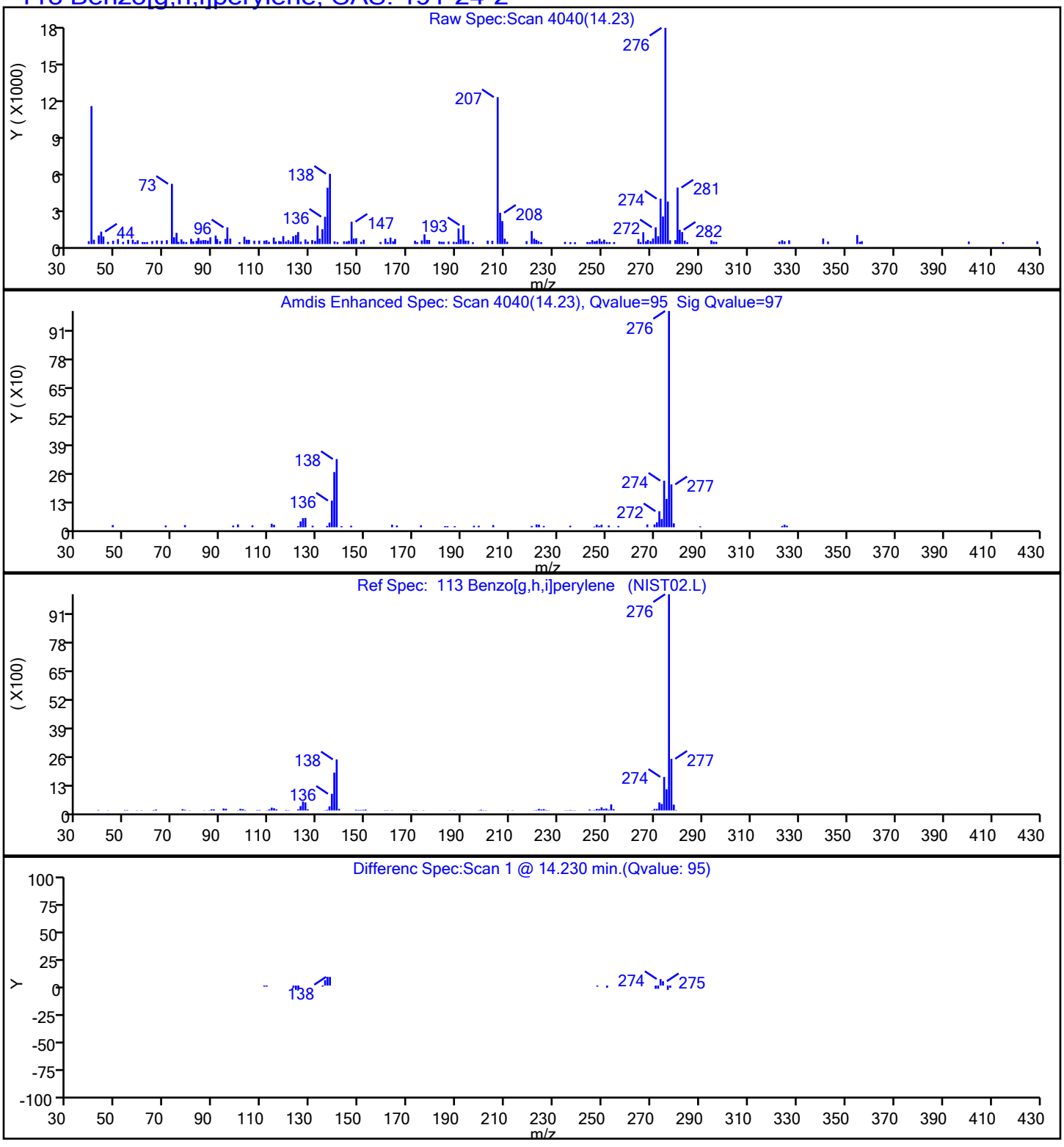
Report Date: 10-Mar-2025 15:01:02 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

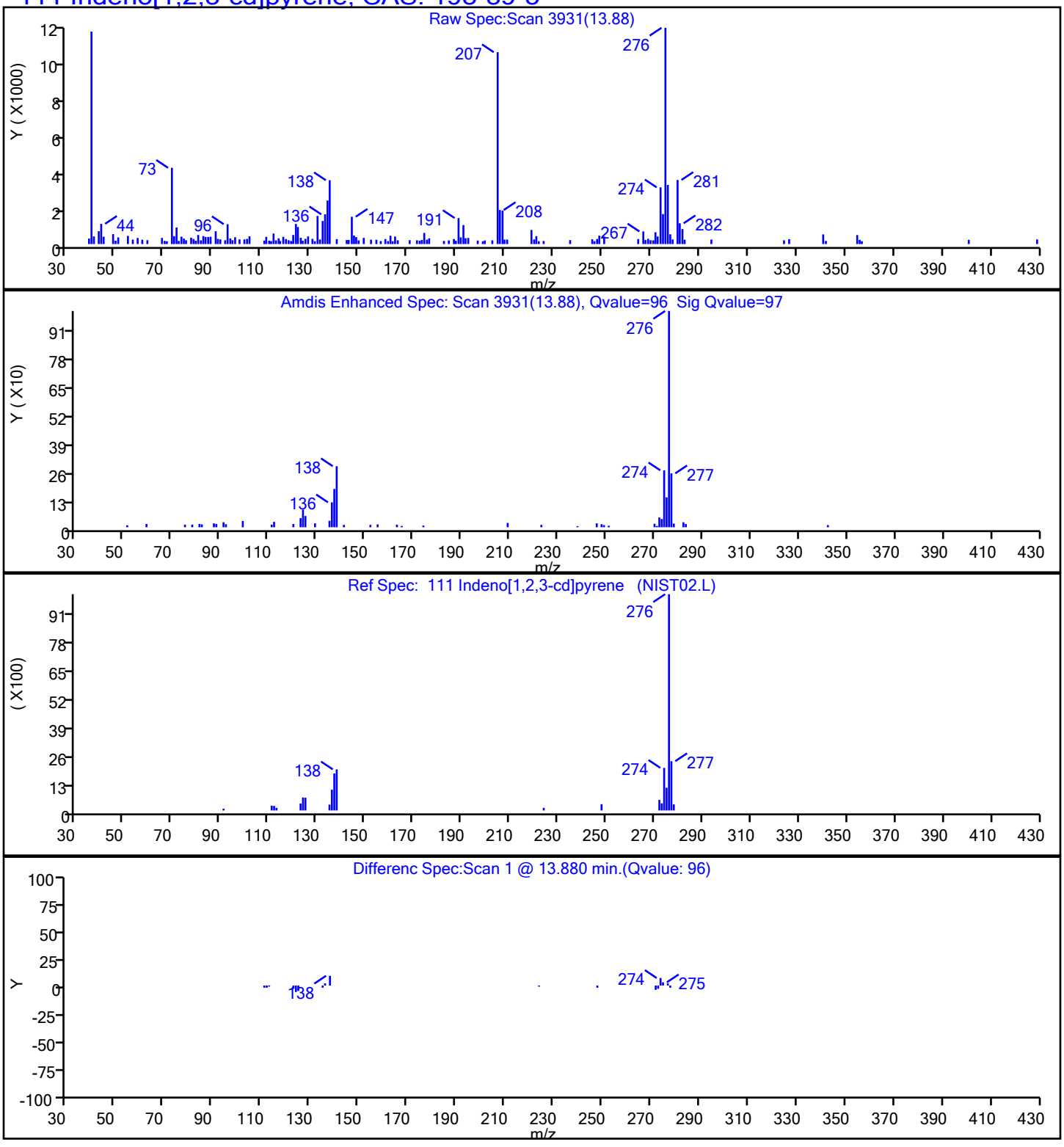
## 113 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D | | | | |
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 111 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



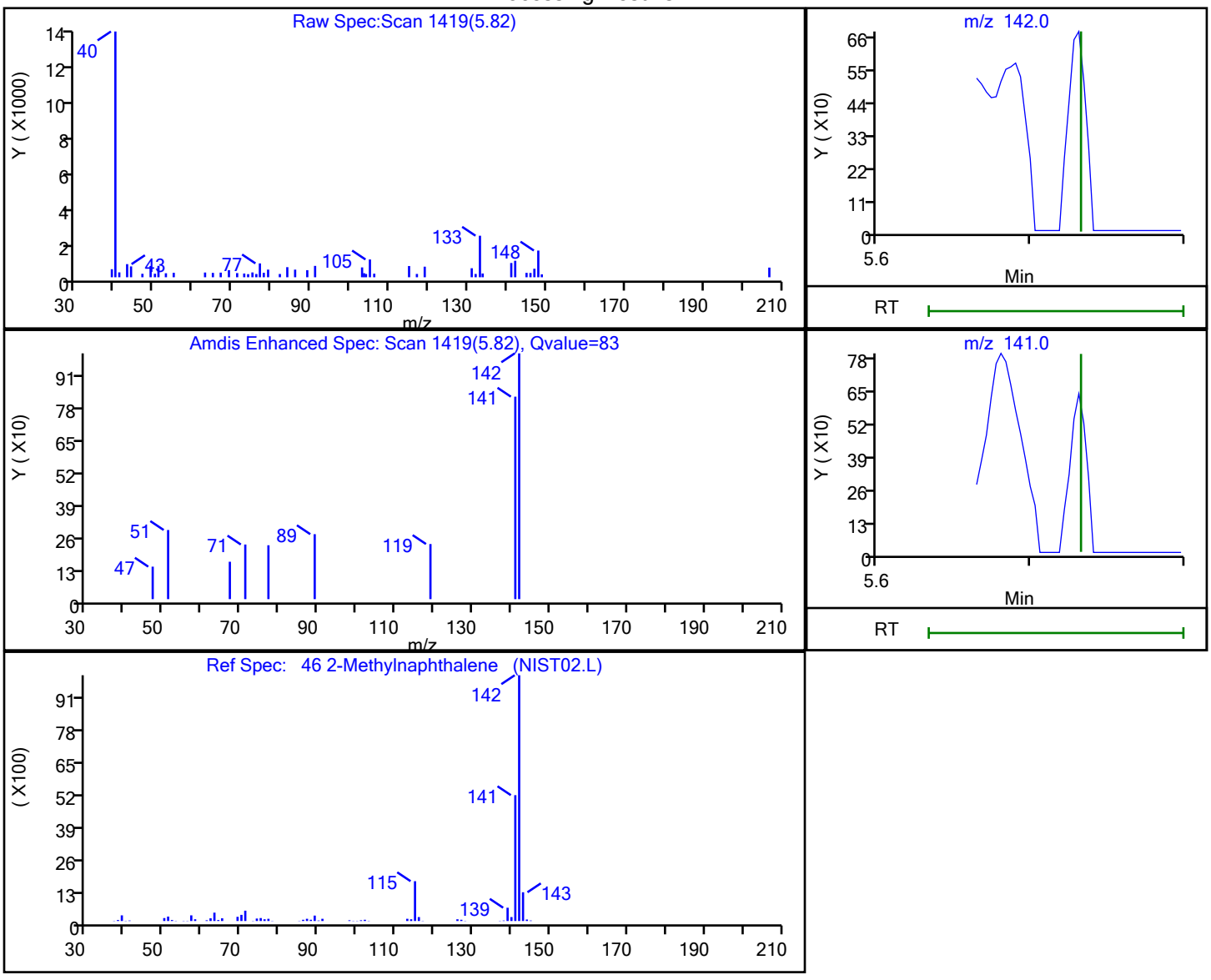
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D | | | | |
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.82 | 142.00 | 658 | 0.004019 |
| 5.82 | 141.00 | 636 | |

Reviewer: C8UP, 10-Mar-2025 14:59:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

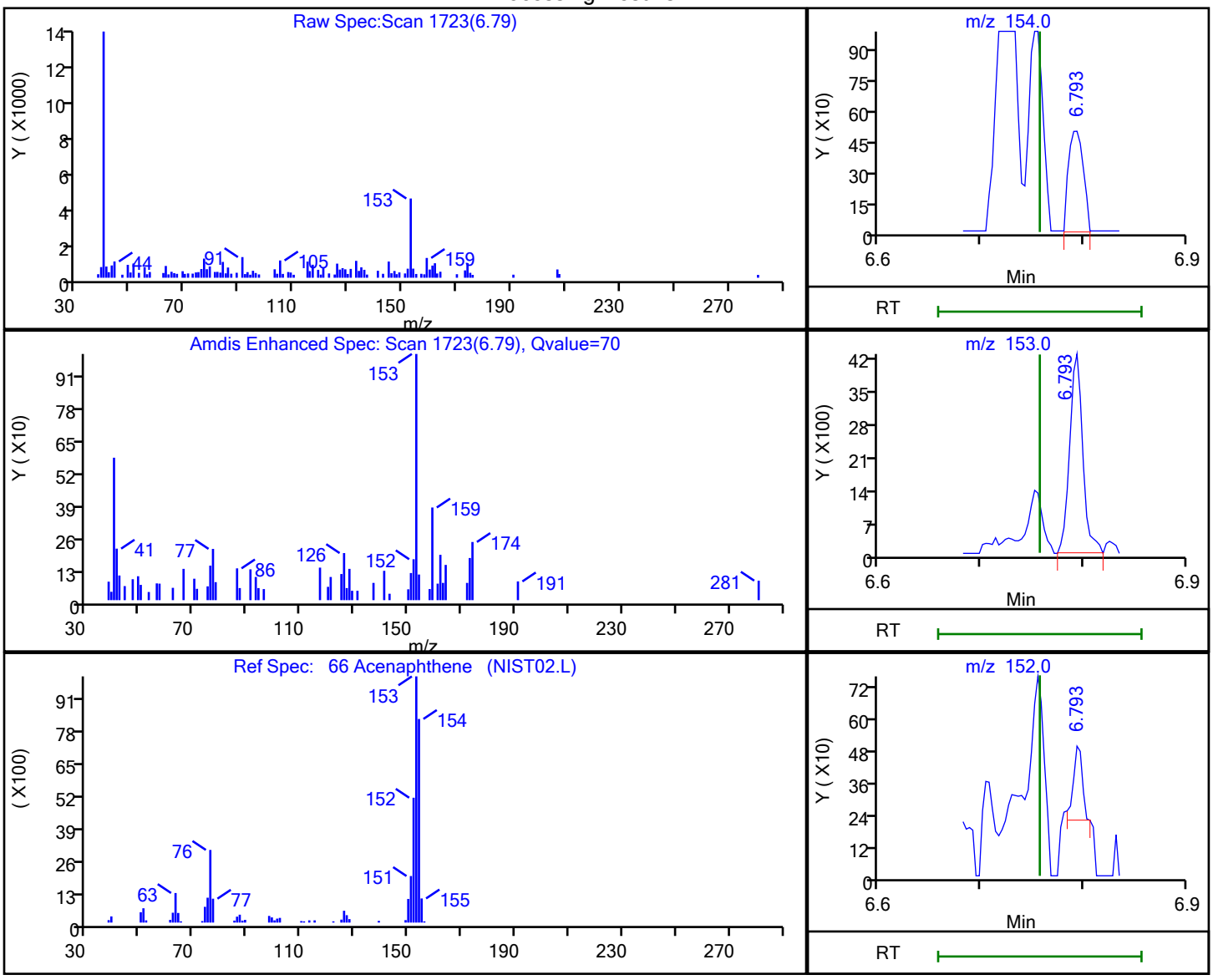
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D | | | | |
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 66 Acenaphthene, CAS: 83-32-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.79 | 154.00 | 497 | 0.003828 |
| 6.79 | 153.00 | 3860 | |
| 6.79 | 152.00 | 173 | |

Reviewer: C8UP, 10-Mar-2025 14:59:56 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

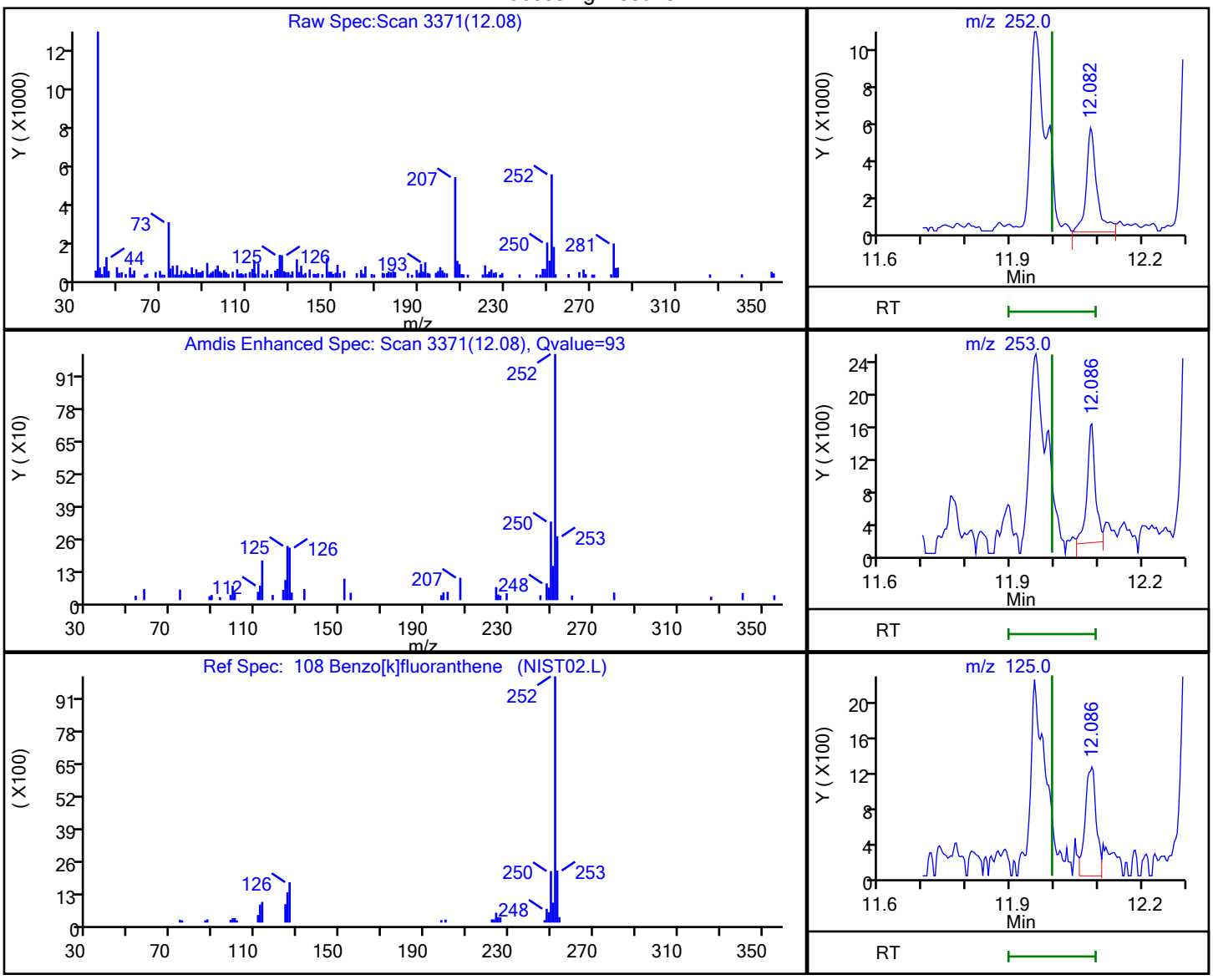
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D | | | | |
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[k]fluoranthene, CAS: 207-08-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.08 | 252.00 | 8694 | 0.056195 |
| 12.09 | 253.00 | 1942 | |
| 12.09 | 125.00 | 2178 | |

Reviewer: C8UP, 10-Mar-2025 15:00:38 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

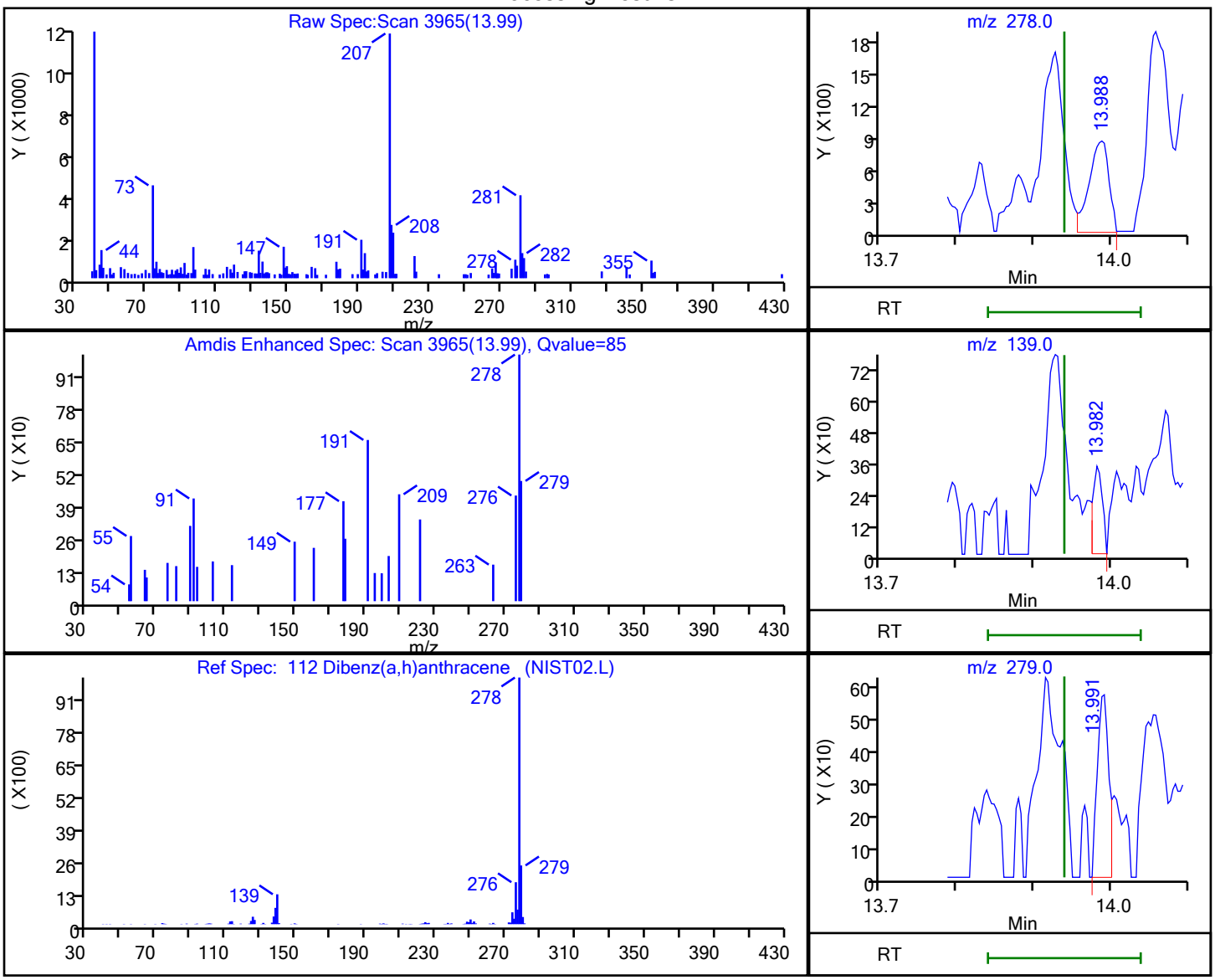
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D | | | | |
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 112 Dibenz(a,h)anthracene, CAS: 53-70-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.99 | 278.00 | 1503 | 0.009132 |
| 13.98 | 139.00 | 292 | |
| 13.99 | 279.00 | 598 | |

Reviewer: C8UP, 10-Mar-2025 15:00:47 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

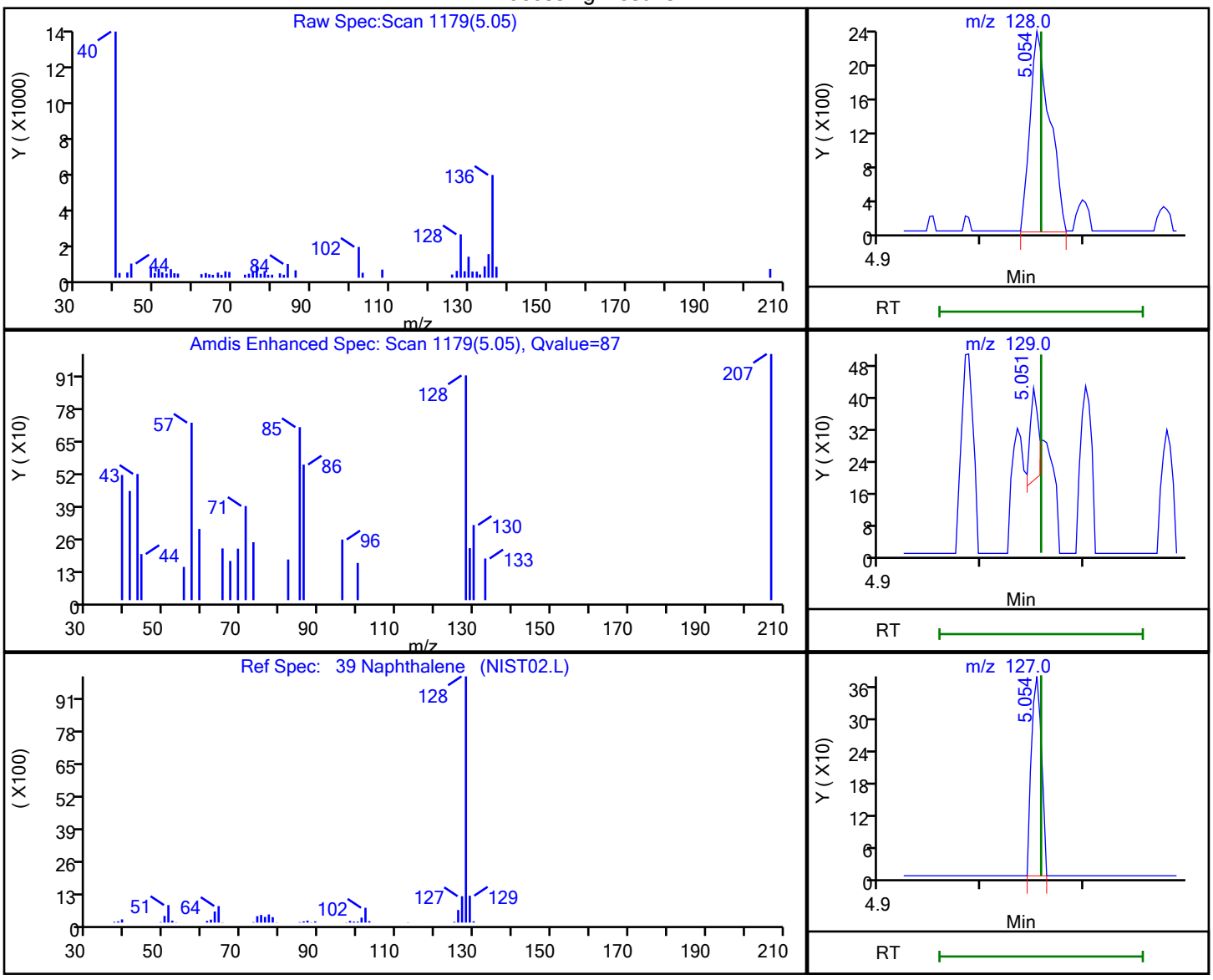
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348536.D | | | | |
| Injection Date: | 09-Mar-2025 19:25:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-6-A | Lab Sample ID: | 460-321765-6 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.05 | 128.00 | 3198 | 0.012784 |
| 5.05 | 129.00 | 126 | |
| 5.05 | 127.00 | 259 | |

Reviewer: C8UP, 10-Mar-2025 14:59:38 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-14 | Lab Sample ID: 460-321765-7

Matrix: Water | Lab File ID: M348530.D

Analysis Method: 8270E | Date Collected: 03/04/2025 12:50

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 17:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 0.87 | J | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 66 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 71 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 22 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348530.D
Lims ID: 460-321765-E-7-A
Client ID: HHMW-14
Sample Type: Client
Inject. Date: 09-Mar-2025 17:18:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-011
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 14:54:11 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 14:54:11

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.786 | 3.789 | -0.002 | 94 | 605521 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.336 | 4.339 | -0.003 | 85 | 770128 | 7.11 | |
| * 38 Naphthalene-d8 | 136 | 5.035 | 5.036 | -0.001 | 99 | 2278481 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.098 | 6.098 | 0.000 | 97 | 1465161 | 6.62 | |
| * 64 Acenaphthene-d10 | 164 | 6.724 | 6.728 | -0.004 | 98 | 1166199 | 8.00 | |
| * 88 Phenanthrene-d10 | 188 | 8.133 | 8.133 | -0.001 | 99 | 2024388 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 9.669 | 9.672 | -0.003 | 98 | 486537 | 2.16 | |
| * 103 Chrysene-d12 | 240 | 10.682 | 10.686 | -0.004 | 99 | 1405411 | 8.00 | |
| 109 Benzo[a]pyrene | 252 | 12.367 | 12.375 | -0.008 | 96 | 19092 | 0.1093 | |
| * 110 Perylene-d12 | 264 | 12.451 | 12.452 | -0.001 | 97 | 1410243 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

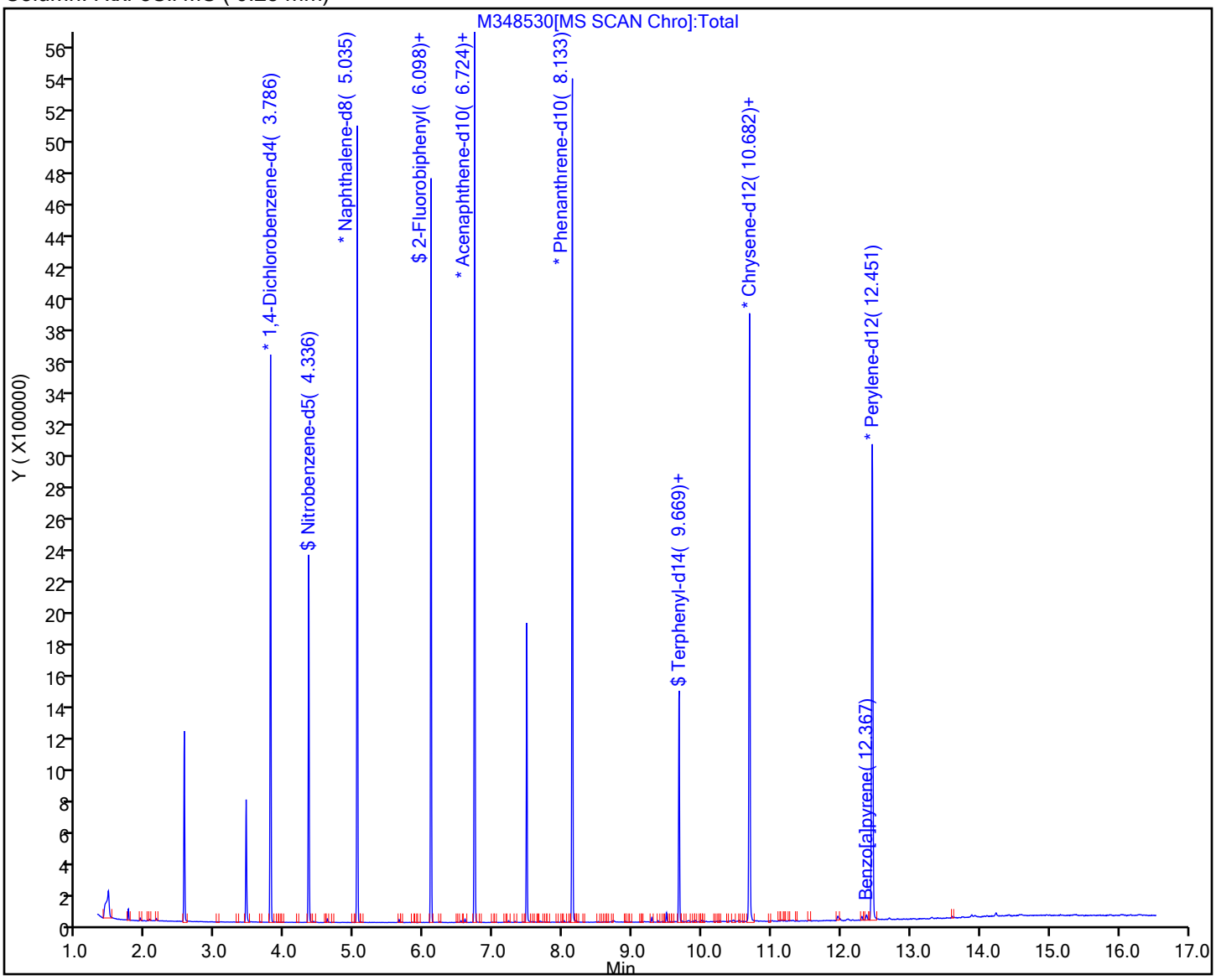
Report Date: 10-Mar-2025 14:54:12 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348530.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 17:18:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-7-A | Lab Sample ID: | 460-321765-7 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 11 | Worklist Smp#: | 11 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348530.D
Lims ID: 460-321765-E-7-A
Client ID: HHMW-14
Sample Type: Client
Inject. Date: 09-Mar-2025 17:18:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-011
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 14:54:11 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 14:54:11

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.11 | 71.10 |
| $ 53 2-Fluorobiphenyl | 10.0 | 6.62 | 66.16 |
| $ 97 Terphenyl-d14 | 10.0 | 2.16 | 21.58 |

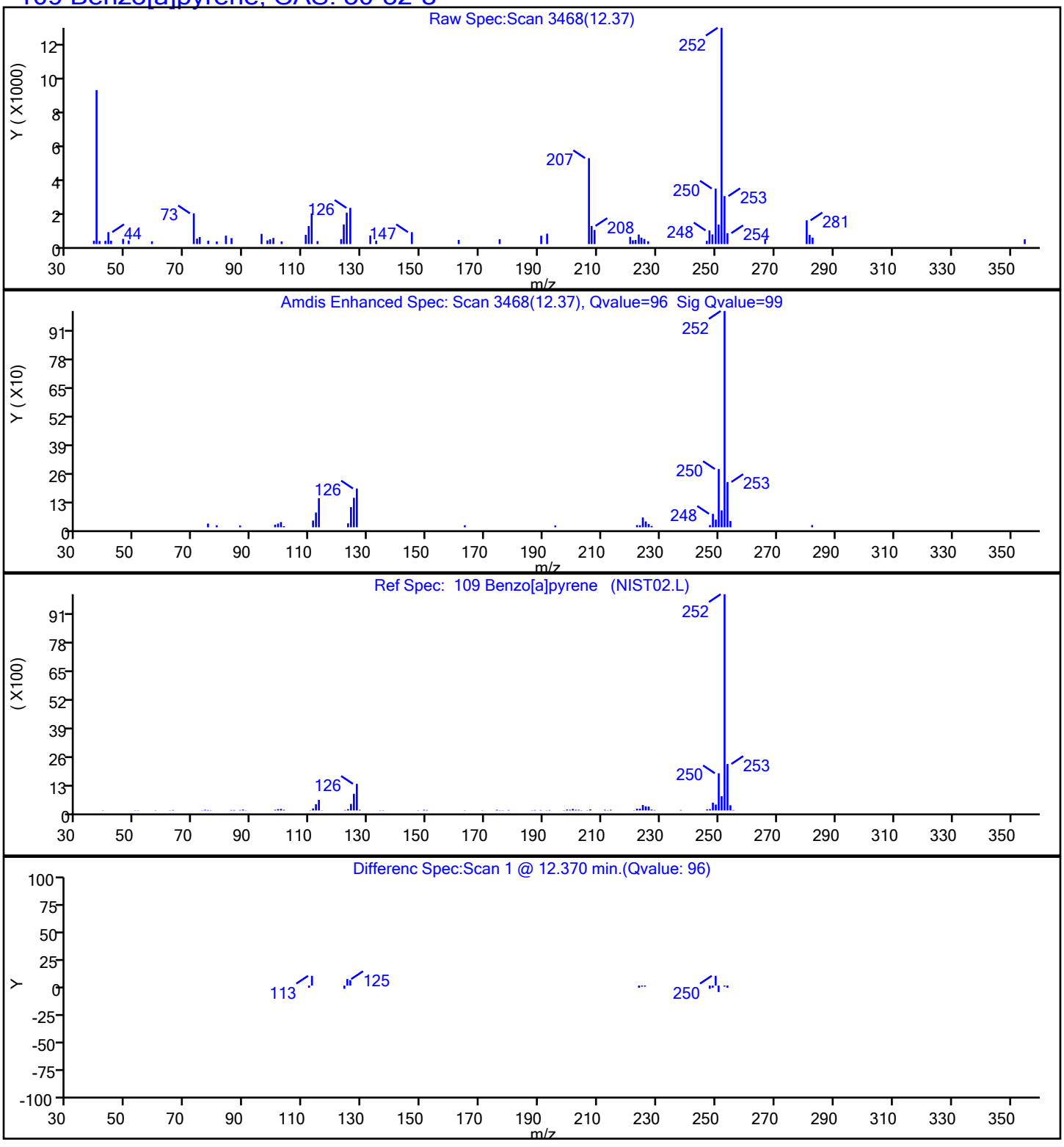
Report Date: 10-Mar-2025 14:54:12 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348530.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 17:18:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-7-A | Lab Sample ID: | 460-321765-7 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 11 | Worklist Smp#: | 11 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8



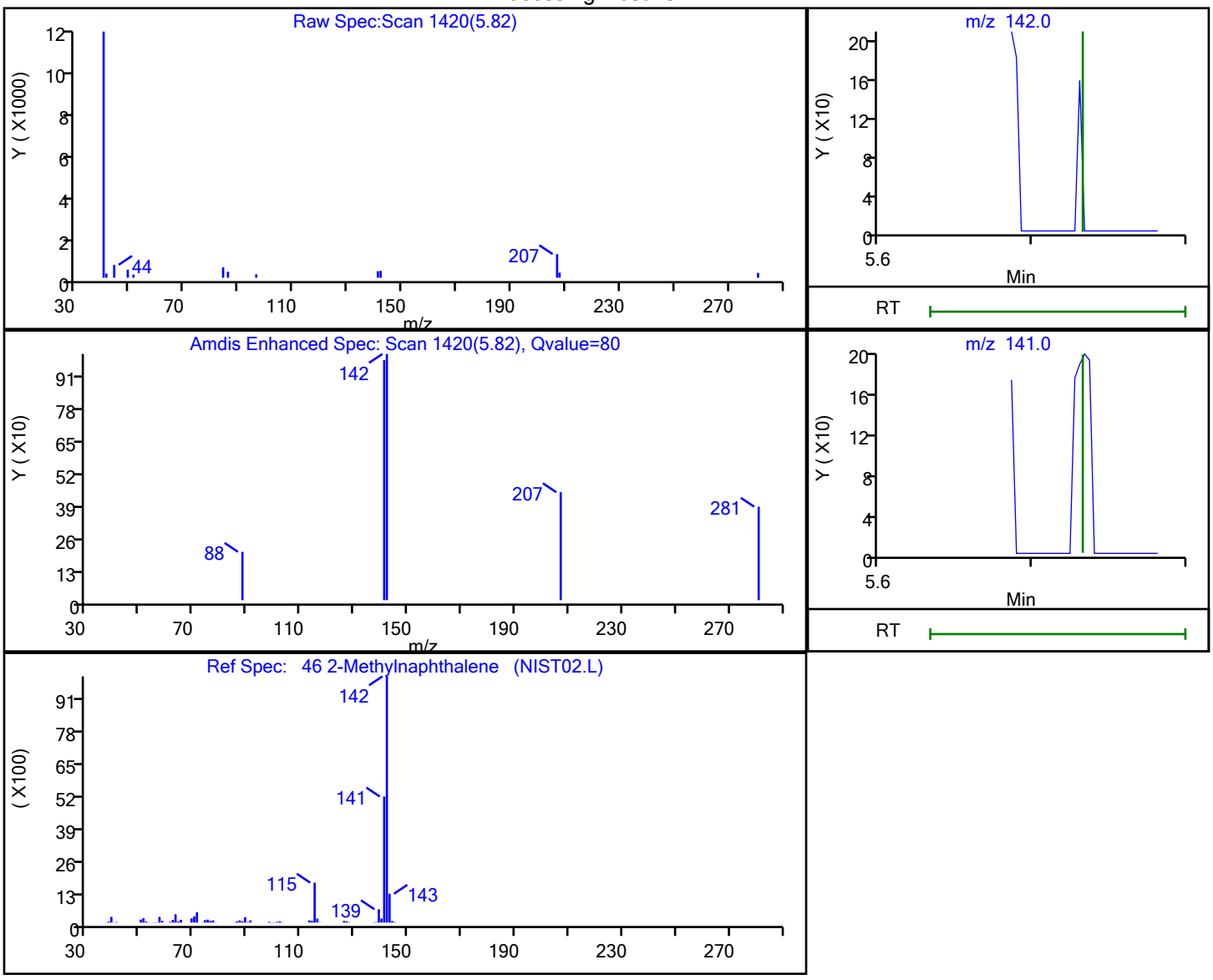
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348530.D | | | | |
| Injection Date: | 09-Mar-2025 17:18:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-7-A | Lab Sample ID: | 460-321765-7 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 11 | Worklist Smp#: | 11 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.82 | 142.00 | 190 | 0.000959 |
| 5.82 | 141.00 | 200 | |

Reviewer: C8UP, 10-Mar-2025 14:53:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

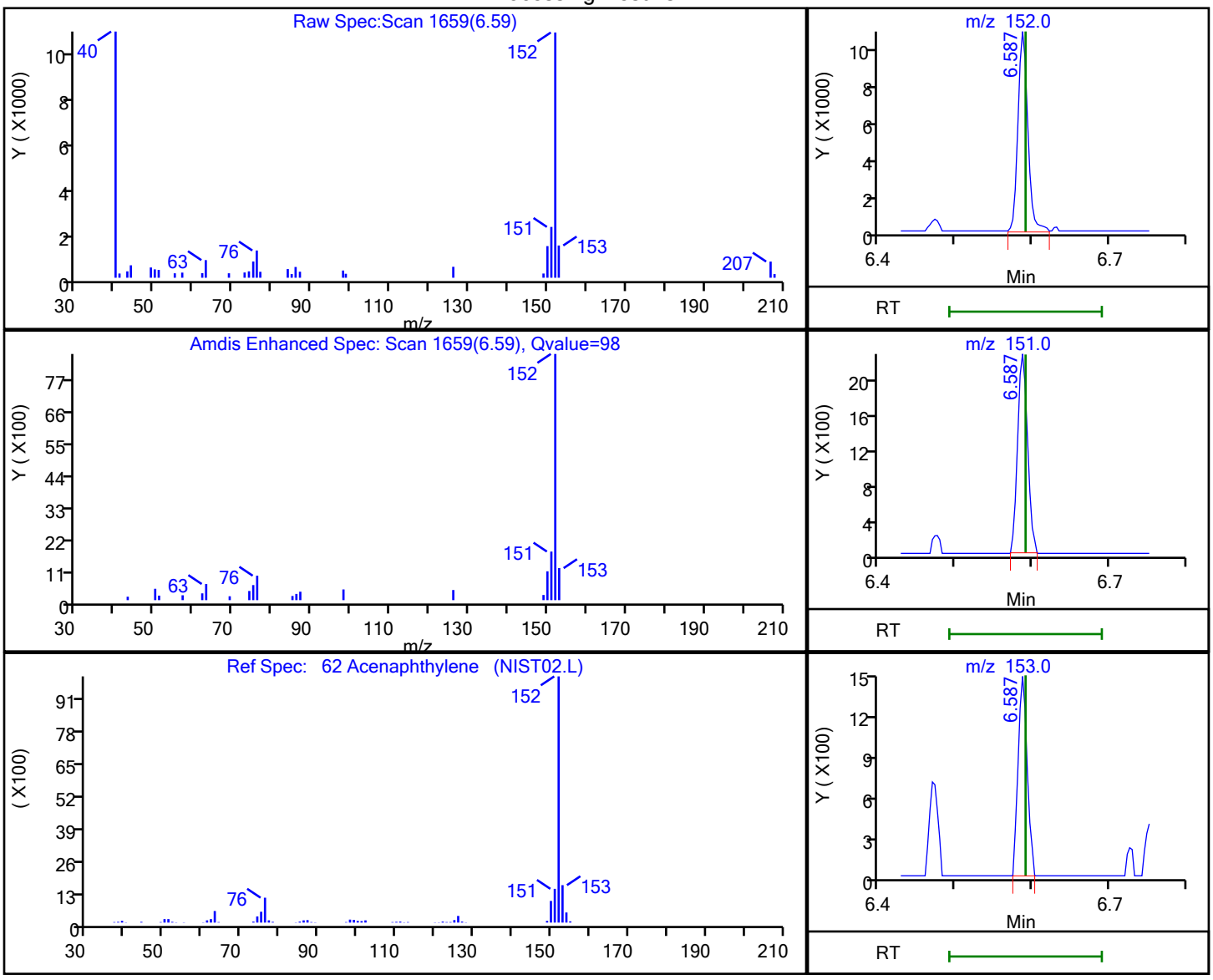
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348530.D | | | | |
| Injection Date: | 09-Mar-2025 17:18:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-7-A | Lab Sample ID: | 460-321765-7 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 11 | Worklist Smp#: | 11 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.59 | 152.00 | 9721 | 0.035486 |
| 6.59 | 151.00 | 2050 | |
| 6.59 | 153.00 | 1186 | |

Reviewer: C8UP, 10-Mar-2025 14:53:43 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

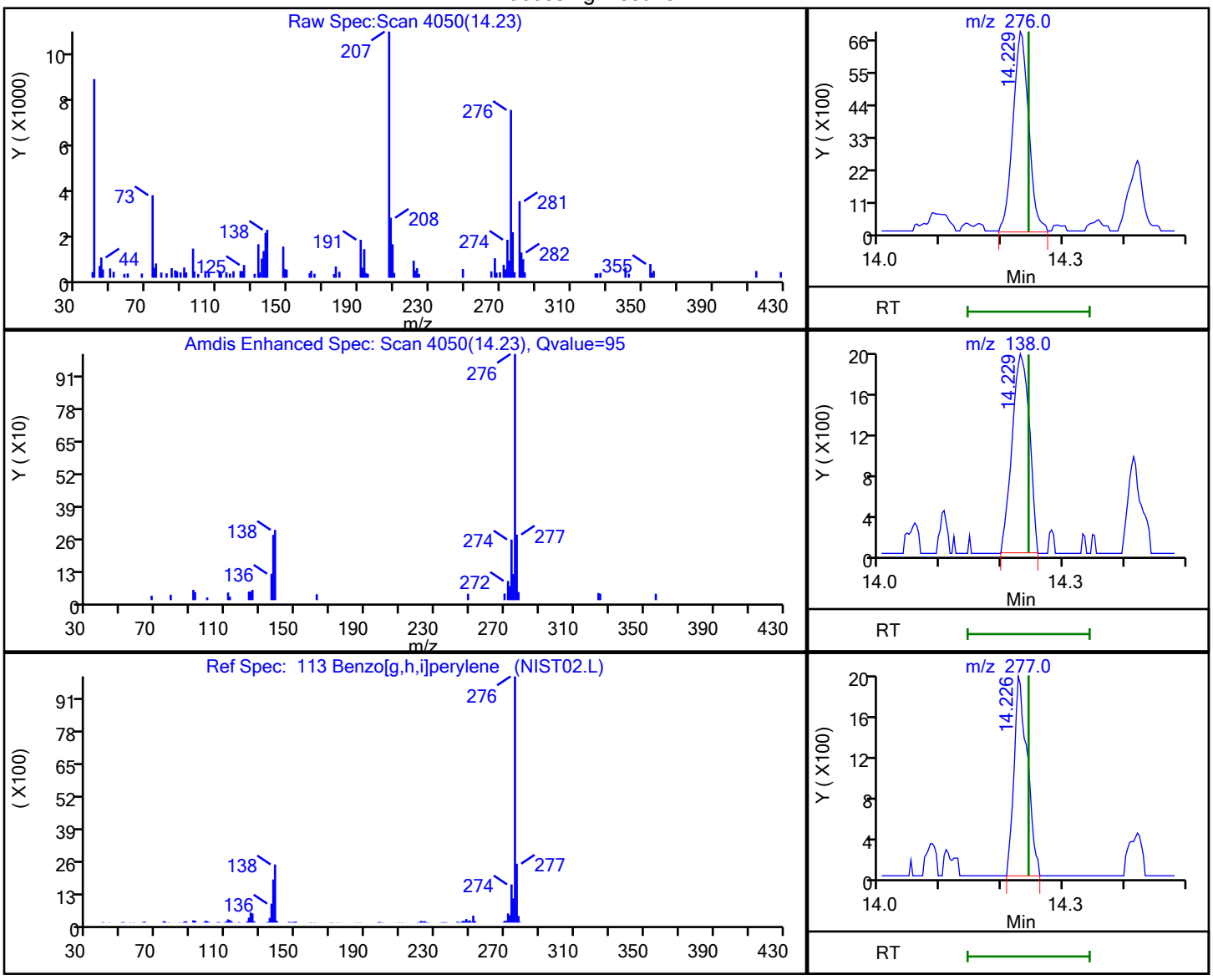
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348530.D | | | | |
| Injection Date: | 09-Mar-2025 17:18:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-7-A | Lab Sample ID: | 460-321765-7 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 11 | Worklist Smp#: | 11 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 113 Benzo[g,h,i]perylene, CAS: 191-24-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 14.23 | 276.00 | 12235 | 0.055472 |
| 14.23 | 138.00 | 3882 | |
| 14.23 | 277.00 | 2944 | |

Reviewer: C8UP, 10-Mar-2025 14:53:58 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: DUP-01 | Lab Sample ID: 460-321765-8

Matrix: Water | Lab File ID: M348531.D

Analysis Method: 8270E | Date Collected: 03/04/2025 00:00

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 17:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 20 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 4.0 | J | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.8 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 74 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 76 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 22 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348531.D
Lims ID: 460-321765-E-8-A
Client ID: DUP-01
Sample Type: Client
Inject. Date: 09-Mar-2025 17:39:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-012
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 14:54:42 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 14:54:58

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.787 | 3.789 | -0.001 | 94 | 534345 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.336 | 4.339 | -0.003 | 83 | 727477 | 7.64 | |
| * 38 Naphthalene-d8 | 136 | 5.036 | 5.036 | 0.000 | 99 | 2001711 | 8.00 | |
| 39 Naphthalene | 128 | 5.055 | 5.057 | -0.003 | 99 | 93052 | 0.3498 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.095 | 6.098 | -0.003 | 97 | 1436215 | 7.37 | |
| * 64 Acenaphthene-d10 | 164 | 6.726 | 6.728 | -0.002 | 96 | 1026497 | 8.00 | |
| 66 Acenaphthene | 154 | 6.755 | 6.757 | -0.002 | 96 | 369196 | 2.54 | |
| 74 Fluorene | 166 | 7.245 | 7.249 | -0.005 | 94 | 83156 | 0.4938 | |
| * 88 Phenanthrene-d10 | 188 | 8.133 | 8.133 | 0.000 | 99 | 1764632 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 9.669 | 9.672 | -0.003 | 98 | 409429 | 2.18 | |
| * 103 Chrysene-d12 | 240 | 10.682 | 10.686 | -0.004 | 99 | 1171355 | 8.00 | |
| * 110 Perylene-d12 | 264 | 12.449 | 12.452 | -0.003 | 99 | 1201936 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

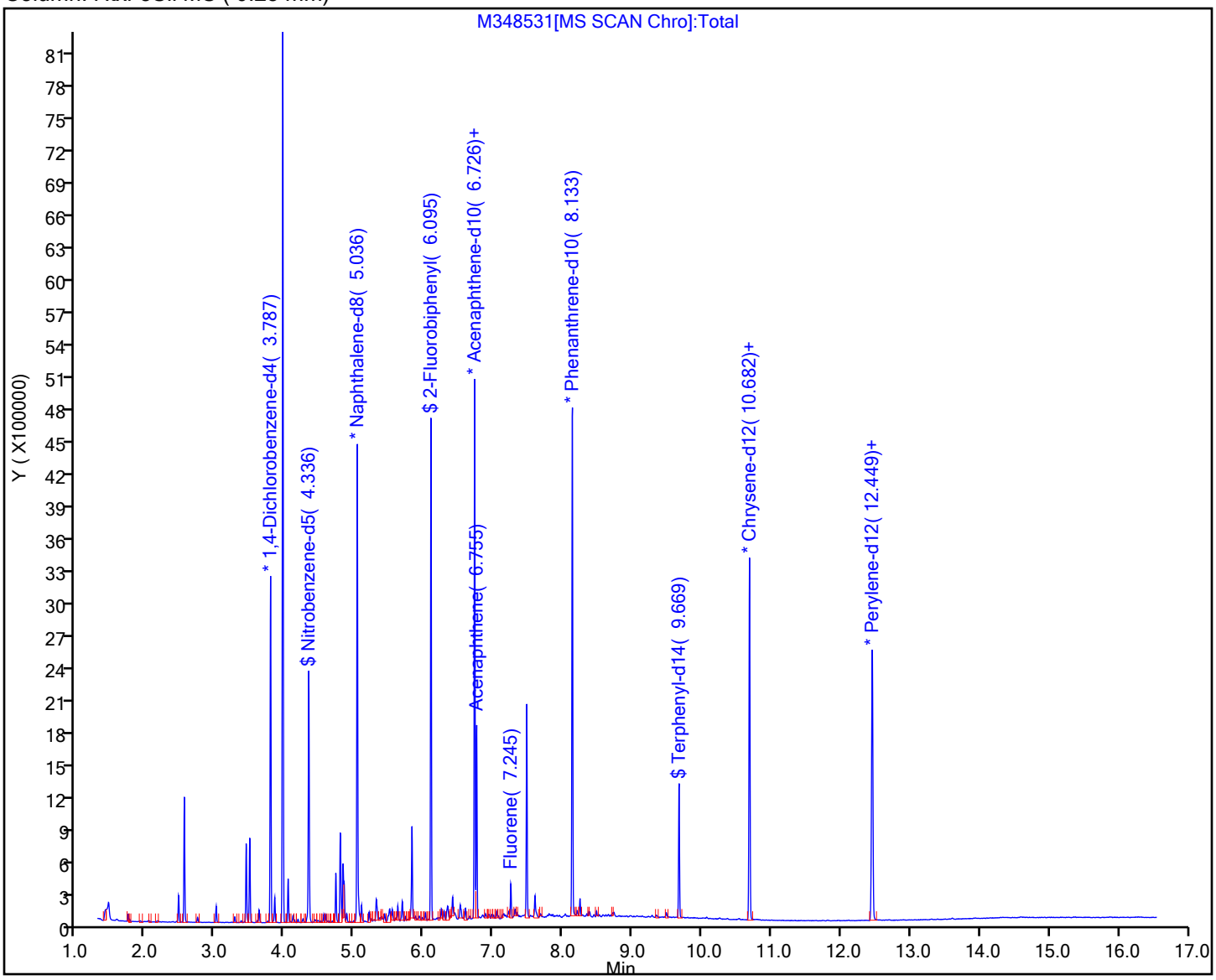
Report Date: 10-Mar-2025 14:54:58 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348531.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 17:39:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-8-A | Lab Sample ID: | 460-321765-8 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 12 | Worklist Smp#: | 12 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348531.D
Lims ID: 460-321765-E-8-A
Client ID: DUP-01
Sample Type: Client
Inject. Date: 09-Mar-2025 17:39:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-012
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 14:54:42 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 14:54:58

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.64 | 76.45 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.37 | 73.68 |
| $ 97 Terphenyl-d14 | 10.0 | 2.18 | 21.79 |

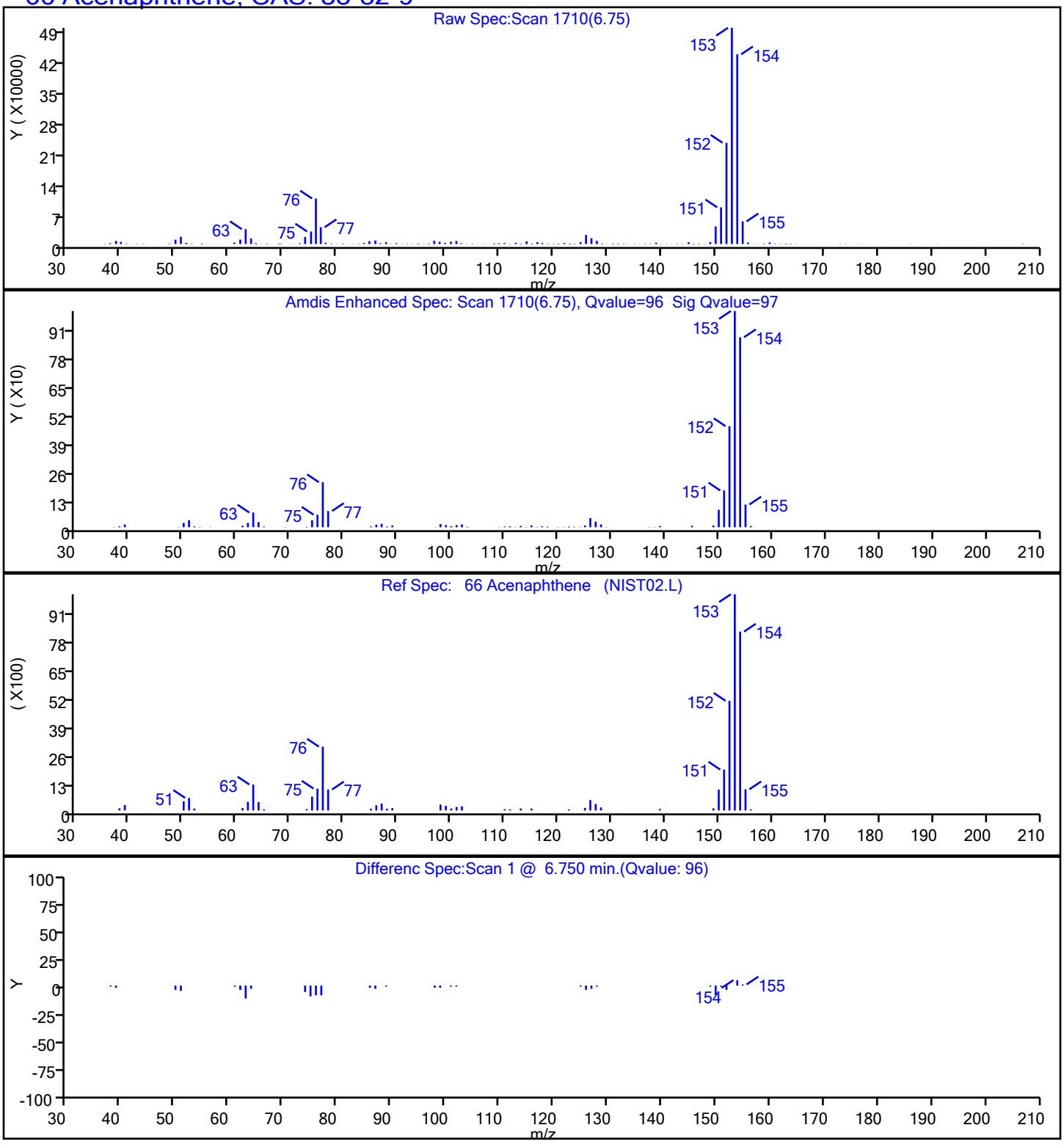
Report Date: 10-Mar-2025 14:54:58 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348531.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 17:39:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-8-A | Lab Sample ID: | 460-321765-8 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 12 | Worklist Smp#: | 12 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 66 Acenaphthene, CAS: 83-32-9



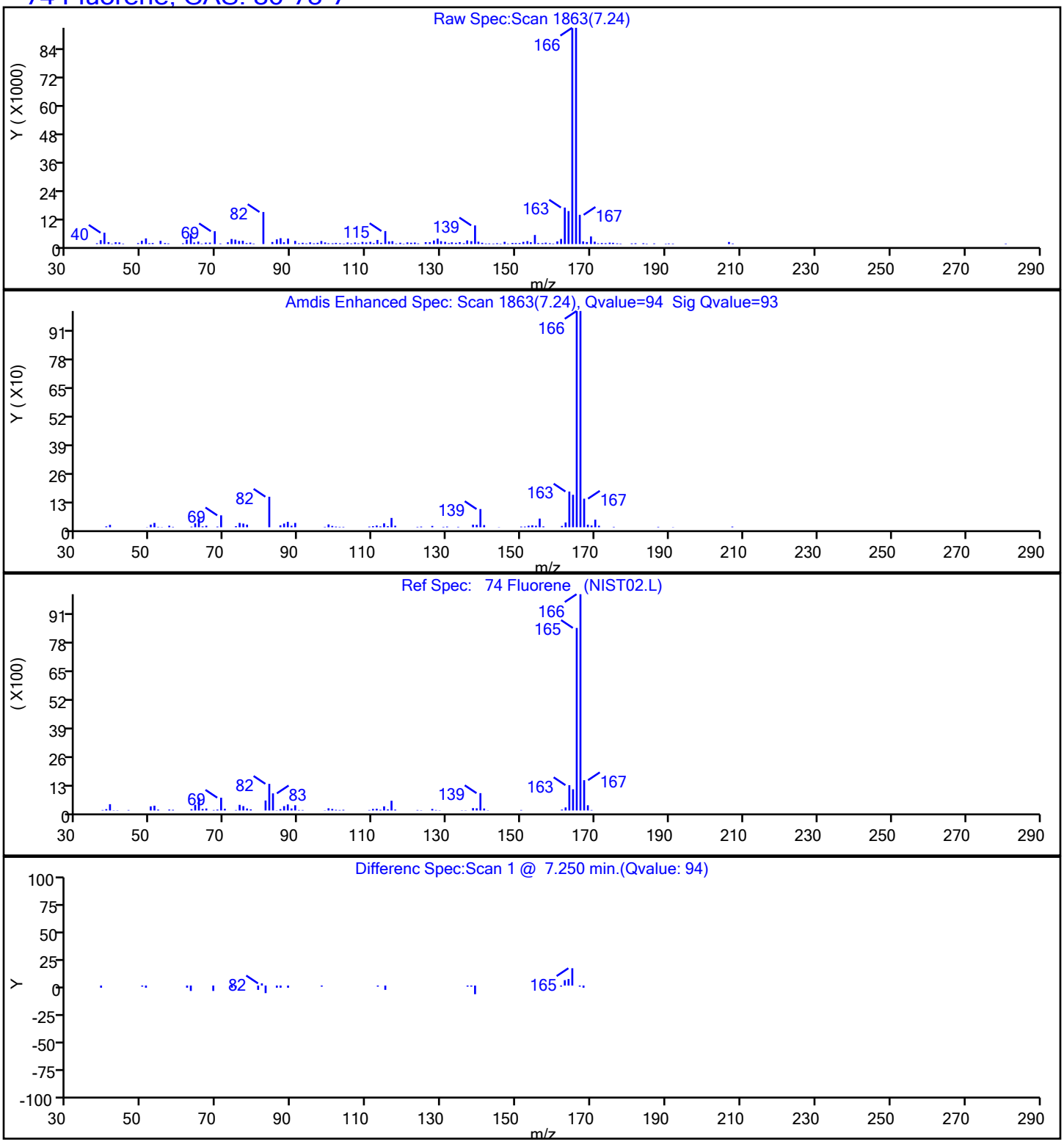
Report Date: 10-Mar-2025 14:54:59 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348531.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 17:39:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-8-A | Lab Sample ID: | 460-321765-8 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 12 | Worklist Smp#: | 12 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 74 Fluorene, CAS: 86-73-7



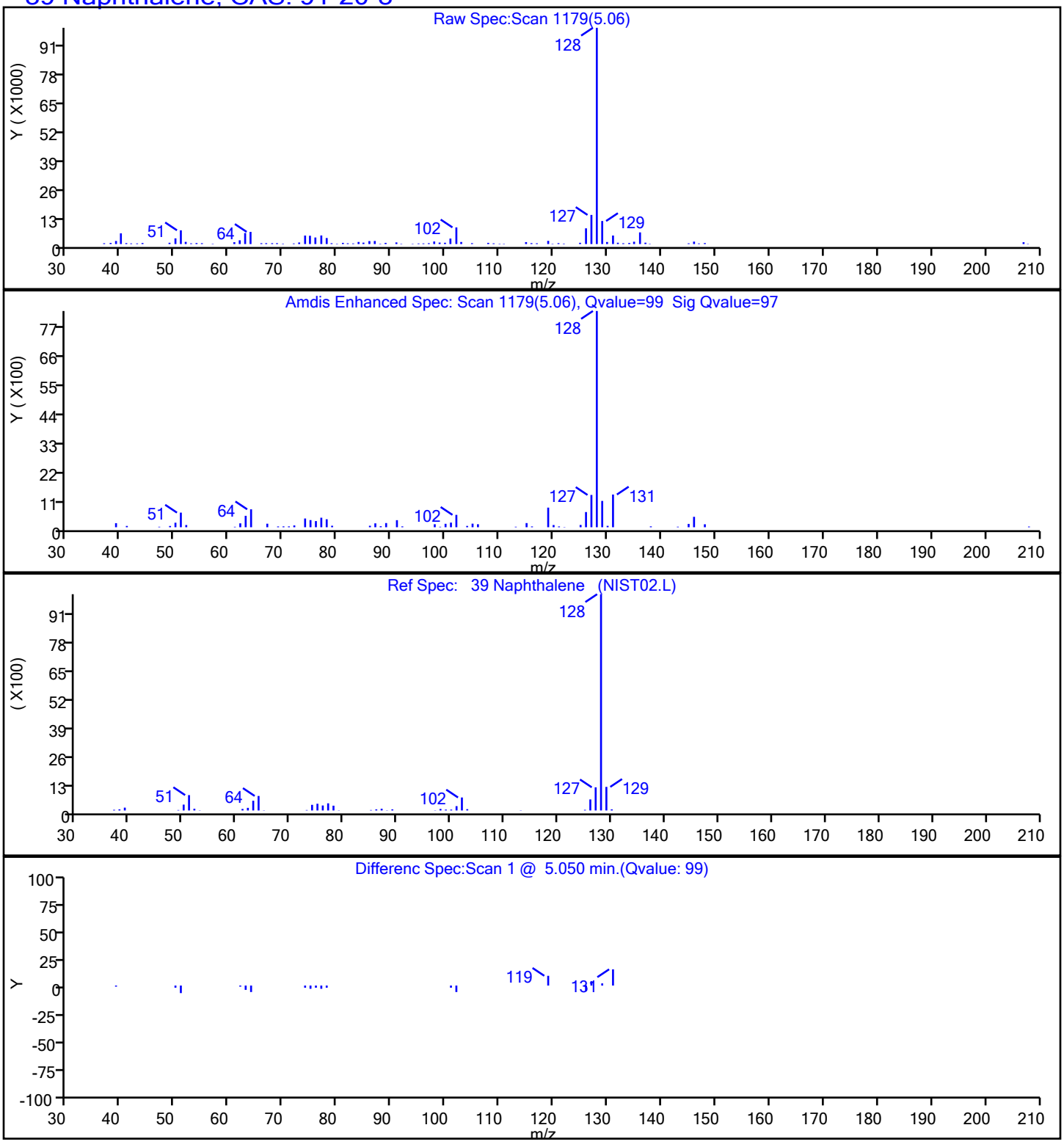
Report Date: 10-Mar-2025 14:54:58 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348531.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Mar-2025 17:39:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-8-A | Lab Sample ID: | 460-321765-8 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 12 | Worklist Smp#: | 12 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3



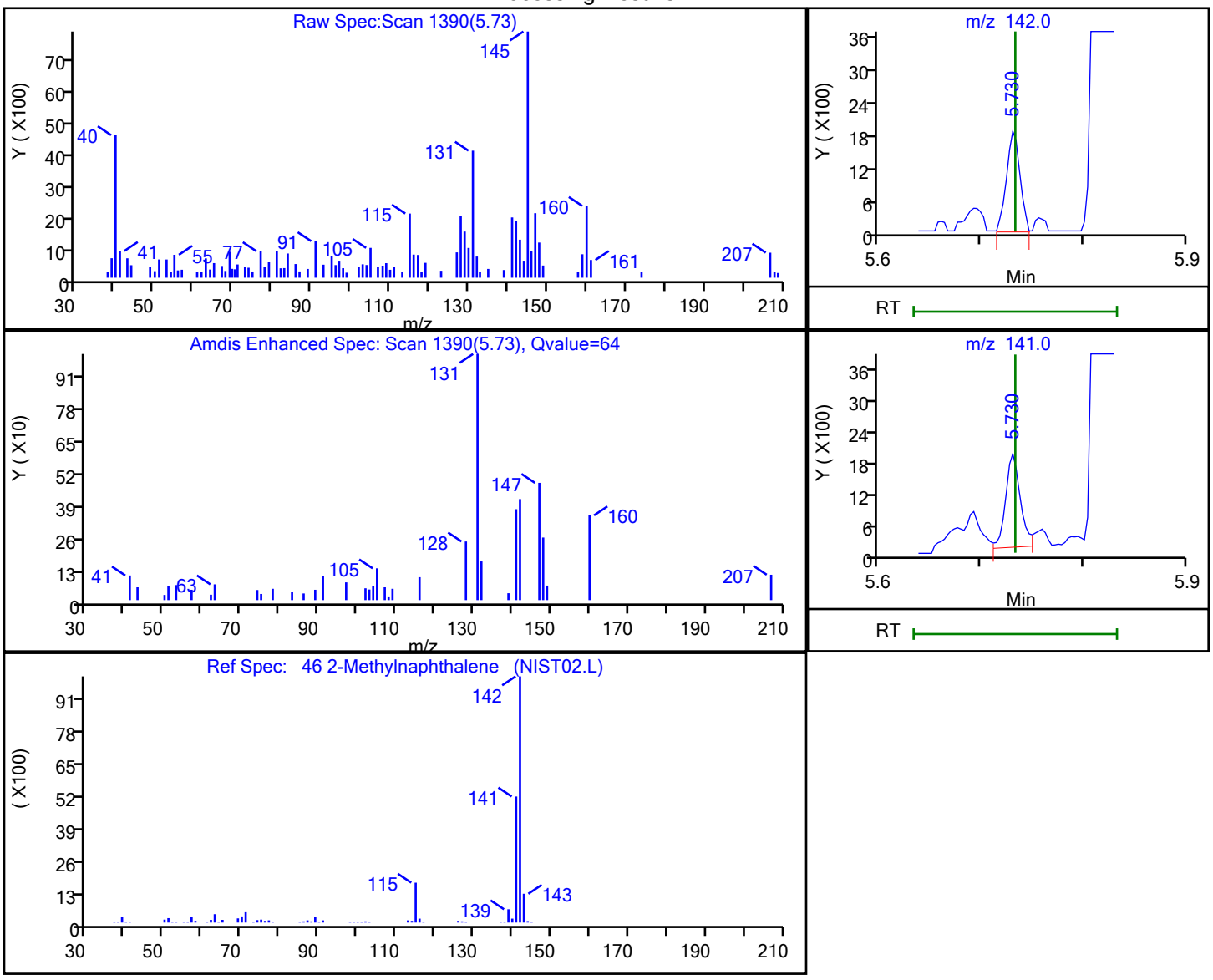
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348531.D | | | | |
| Injection Date: | 09-Mar-2025 17:39:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-8-A | Lab Sample ID: | 460-321765-8 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 12 | Worklist Smp#: | 12 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.73 | 142.00 | 1657 | 0.009519 |
| 5.73 | 141.00 | 1852 | |

Reviewer: C8UP, 10-Mar-2025 14:54:19 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

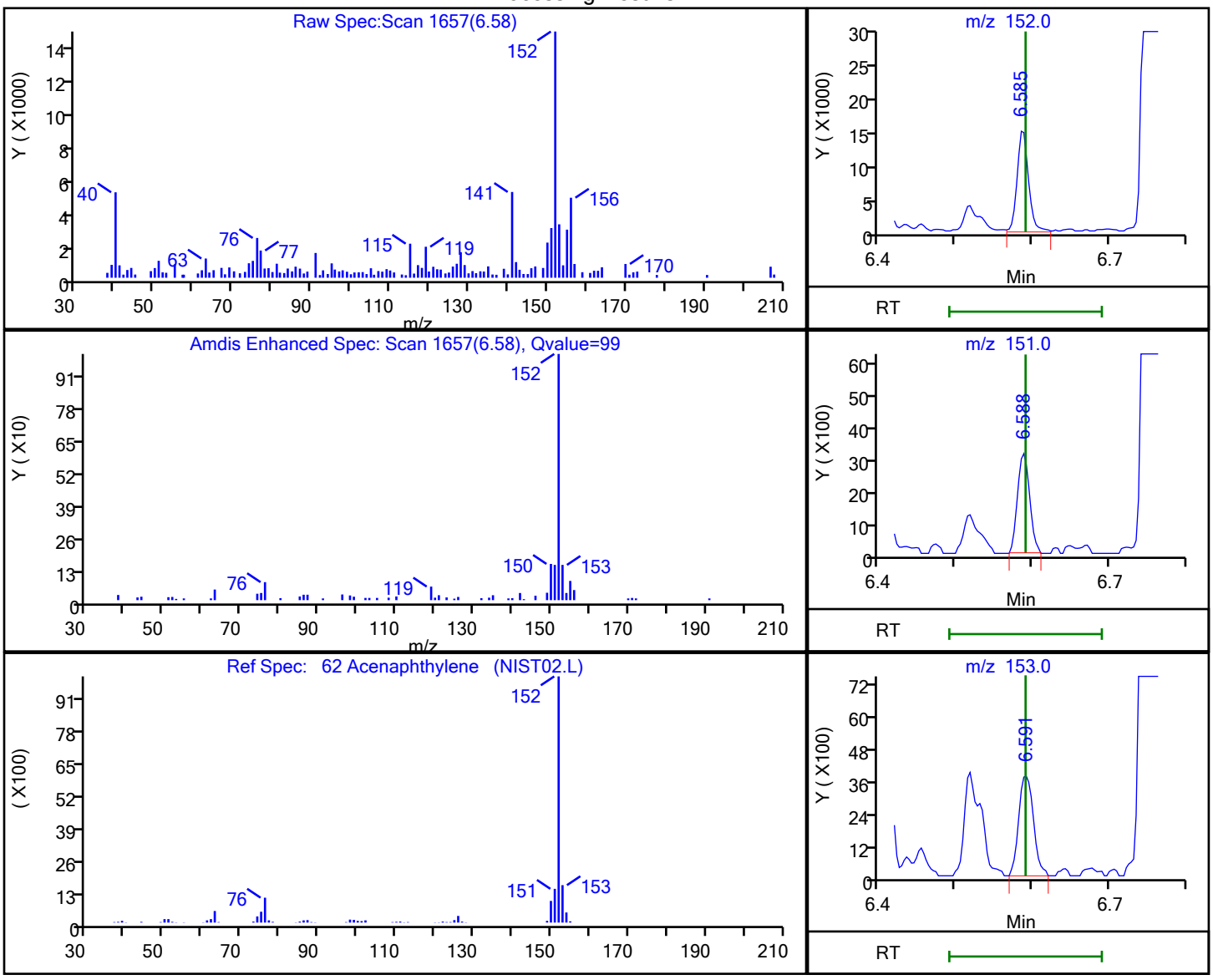
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348531.D | | | | |
| Injection Date: | 09-Mar-2025 17:39:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | 460-321765-E-8-A | Lab Sample ID: | 460-321765-8 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 12 | Worklist Smp#: | 12 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.58 | 152.00 | 15178 | 0.062948 |
| 6.59 | 151.00 | 3509 | |
| 6.59 | 153.00 | 5013 | |

Reviewer: C8UP, 10-Mar-2025 14:54:20 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 Calibration End Date: 02/28/2025 09:34 Calibration ID: 100327

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD01 460-1023441/10 | M348224.D |
| Level 2 | STD02 460-1023441/11 | M348225.D |
| Level 3 | STD04 460-1023441/8 | M348222.D |
| Level 4 | STD1 460-1023441/7 | M348221.D |
| Level 5 | STD2 460-1023441/6 | M348220.D |
| Level 6 | STD4 460-1023441/5 | M348219.D |
| Level 7 | ICIS 460-1023441/2 | M348216.D |
| Level 8 | STD16 460-1023441/4 | M348218.D |
| Level 9 | STD24 460-1023441/3 | M348217.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 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,4-Dioxane | 0.5097 0.5403 | 0.5500 0.5461 | 0.5074 | 0.5219 0.5395 | 0.5179 | Ave | | 0.529 1 | | | 0.0100 | 3.2 | | 20.0 | | | |
| N-Nitrosodimethylamine | 0.8164 | 0.8799 | 0.8030 | 0.7975 0.8741 | 0.7989 | Ave | | 0.828 3 | | | 0.0100 | 4.6 | | 20.0 | | | |
| Pyridine | 0.9333 1.2298 | 1.0798 1.2346 | 1.1996 | 1.2217 1.2662 | 1.2122 | Ave | | 1.172 1 | | | 0.0100 | 9.5 | | 20.0 | | | |
| Benzaldehyde | 1.1235 | 1.0329 +++++ | 1.0475 +++++ | 1.1188 +++++ | 1.1156 | Ave | | 1.087 7 | | | 0.0100 | 4.0 | | 20.0 | | | |
| Phenol | 1.8720 | 1.9200 | 1.8149 | 1.8324 1.9004 | 1.7664 | Ave | | 1.851 0 | | | 0.8000 | 3.1 | | 20.0 | | | |
| Aniline | 1.5567 2.0429 | 1.7838 2.0386 | 1.9926 | 1.9462 2.1080 | 1.9875 | Ave | | 1.932 1 | | | 0.0100 | 9.3 | | 20.0 | | | |
| Bis(2-chloroethyl)ether | 1.3305 1.3512 | 1.3277 1.3845 | 1.3027 | 1.3350 1.3865 | 1.3540 | Ave | | 1.346 5 | | | 0.7000 | 2.1 | | 20.0 | | | |
| 2-Chlorophenol | 1.4009 | 1.4323 | 1.3808 | 1.3754 1.4566 | 1.3586 | Ave | | 1.400 8 | | | 0.8000 | 2.7 | | 20.0 | | | |
| n-Decane | 1.1022 | 1.1783 | 1.0417 | 1.0714 1.0970 | 1.0708 | Ave | | 1.093 6 | | | 0.0100 | 4.3 | | 20.0 | | | |
| 1,3-Dichlorobenzene | 1.5546 | 1.5561 1.5501 | 1.4996 | 1.5244 1.5550 | 1.5005 | Ave | | 1.534 3 | | | 0.0100 | 1.7 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 1.5452 | 1.5151 1.5596 | 1.5012 | 1.5347 1.5751 | 1.5195 | Ave | | 1.535 8 | | | 0.0100 | 1.7 | | 20.0 | | | |
| Benzyl alcohol | 0.8991 | 0.9190 | 0.8858 | 0.8295 0.9369 | 0.8662 | Ave | | 0.889 4 | | | 0.0100 | 4.3 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 Calibration End Date: 02/28/2025 09:34 Calibration ID: 100327

| 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 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichlorobenzene | 1.5106 | 1.4711 1.4864 | 1.4351 | 1.4796 1.5145 | 1.4781 | Ave | | 1.4822 | | | 0.0100 | 1.8 | | 20.0 | | | |
| 2-Methylphenol | 1.2228 | 1.2303 | 1.1908 | 1.1725 1.2434 | 1.1748 | Ave | | 1.2058 | | | 0.7000 | 2.5 | | 20.0 | | | |
| 2,2'-oxybis[1-chloropropane] | 1.5138 | 1.5904 | 1.4171 | 1.5009 1.4886 | 1.4890 | Ave | | 1.5000 | | | 0.0100 | 3.7 | | 20.0 | | | |
| N-Methylaniline | 1.2361 2.0555 | 1.8787 2.1184 | 2.0791 | 2.0138 2.2021 | 2.0018 | Ave | | 1.9482 | | | 0.0100 | 15.5 | | 20.0 | | | |
| Acetophenone | 1.9829 | 1.9494 | 1.8755 | 1.8942 1.9602 | 1.8938 | Ave | | 1.9260 | | | 0.0100 | 2.3 | | 20.0 | | | |
| N-Nitrosodi-n-propylamine | 0.8476 0.9634 | 0.8465 0.9707 | 0.9041 | 0.9296 0.9325 | 0.9224 | Ave | | 0.9146 | | | 0.5000 | 5.1 | | 20.0 | | | |
| 3 & 4 Methylphenol | 1.3283 | 1.3364 | 1.2779 | 1.2857 1.3350 | 1.2944 | Ave | | 1.3096 | | | 0.0100 | 2.0 | | 20.0 | | | |
| 4-Methylphenol | 1.3145 | 1.3276 | 1.2703 | 1.2805 1.3280 | 1.2920 | Ave | | 1.3022 | | | 0.6000 | 1.9 | | 20.0 | | | |
| Hexachloroethane | 0.5371 0.5794 | 0.5929 0.5724 | 0.5445 | 0.5765 0.5819 | 0.5805 | Ave | | 0.5706 | | | 0.3000 | 3.4 | | 20.0 | | | |
| Nitrobenzene | 0.5674 0.7182 | 0.6230 0.6966 | 0.6745 | 0.6680 0.6974 | 0.6786 | Ave | | 0.6655 | | | 0.2000 | 7.3 | | 20.0 | | | |
| n,n'-Dimethylaniline | 1.9503 2.1483 | 1.9687 2.1195 | 2.0881 | 2.0602 2.1668 | 2.1549 | Ave | | 2.0821 | | | 0.0100 | 4.0 | | 20.0 | | | |
| Isophorone | 0.6478 | 0.5590 0.6755 | 0.6471 | 0.6062 0.6578 | 0.6365 | Ave | | 0.6329 | | | 0.4000 | 6.1 | | 20.0 | | | |
| 2-Nitrophenol | 0.1968 | 0.2003 | 0.1960 | 0.1694 0.2004 | 0.1841 | Ave | | 0.1912 | | | 0.1000 | 6.4 | | 20.0 | | | |
| 2,4-Dimethylphenol | 0.2550 | 0.2640 | 0.2642 | 0.2457 0.2748 | 0.2473 | Ave | | 0.2585 | | | 0.2000 | 4.3 | | 20.0 | | | |
| Bis(2-chloroethoxy)methane | 0.4305 | 0.4454 | 0.4242 | 0.4099 0.4320 | 0.4262 | Ave | | 0.4280 | | | 0.3000 | 2.7 | | 20.0 | | | |
| Benzoic acid | 0.1749 | 0.1982 | 0.2198 | 0.1138 0.2243 | 0.1511 | Lin2 | -0.110 | 0.2164 | | | 0.0100 | | | | 0.9950 | | 0.9900 |
| 2,4-Dichlorophenol | 0.2870 | 0.2906 | 0.2833 | 0.2669 0.2988 | 0.2694 | Ave | | 0.2827 | | | 0.2000 | 4.4 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 0.2912 0.3116 | 0.3053 0.3125 | 0.3058 | 0.3081 0.3143 | 0.3063 | Ave | | 0.3069 | | | 0.0100 | 2.3 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 Calibration End Date: 02/28/2025 09:34 Calibration ID: 100327

| 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 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Naphthalene | 1.0398 1.0653 | 1.0965 1.0909 | 1.0346 | 1.0456 1.0694 | 1.0620 | Ave | | 1.0630 | | | 0.7000 | 2.1 | | 20.0 | | | |
| 4-Chloroaniline | 0.3345 0.4262 | 0.3794 0.4289 | 0.4204 | 0.4102 0.4272 | 0.4070 | Ave | | 0.4042 | | | 0.0100 | 8.0 | | 20.0 | | | |
| 2,6-Dichlorophenol | 0.2817 | 0.2886 | 0.2829 | 0.2715 0.2942 | 0.2768 | Ave | | 0.2826 | | | | 2.9 | | 20.0 | | | |
| Hexachlorobutadiene | 0.1683 0.1586 | 0.1607 0.1612 | 0.1611 | 0.1625 0.1674 | 0.1601 | Ave | | 0.1625 | | | 0.0100 | 2.2 | | 20.0 | | | |
| Caprolactam | 0.1177 | 0.0780 0.1245 | 0.0884 0.1224 | 0.1078 0.1221 | 0.1170 | Ave | | 0.1097 | | | 0.0100 | 15.8 | | 20.0 | | | |
| 4-Chloro-3-methylphenol | 0.2818 | 0.2893 | 0.2761 | 0.2558 0.2815 | 0.2722 | Ave | | 0.2761 | | | 0.2000 | 4.2 | | 20.0 | | | |
| 2-Methylnaphthalene | 0.6982 | 0.7051 0.7017 | 0.6850 | 0.6817 0.6989 | 0.6993 | Ave | | 0.6957 | | | 0.4000 | 1.3 | | 20.0 | | | |
| 1-Methylnaphthalene | 0.6451 | 0.6621 0.6375 | 0.6200 | 0.6267 0.6425 | 0.6283 | Ave | | 0.6375 | | | 0.0100 | 2.2 | | 20.0 | | | |
| Hexachlorocyclopentadiene | 0.3531 | 0.3098 | 0.3587 | 0.3232 0.3783 | 0.3437 | Ave | | 0.3445 | | | 0.0500 | 7.2 | | 20.0 | | | |
| 1,2,4,5-Tetrachlorobenzene | 0.5797 | 0.5872 | 0.5947 | 0.5510 0.6207 | 0.5619 | Ave | | 0.5825 | | | 0.0100 | 4.2 | | 20.0 | | | |
| 2-tertbutyl-4-methylphenol | 0.3887 | 0.2942 0.3957 | 0.4006 | 0.3704 0.4108 | 0.3779 | Ave | | 0.3769 | | | 0.0100 | 10.3 | | 20.0 | | | |
| 2,4,6-Trichlorophenol | 0.3871 | 0.2968 0.3926 | 0.3921 | 0.3513 0.4121 | 0.3669 | Ave | | 0.3713 | | | 0.2000 | 10.3 | | 20.0 | | | |
| 2,4,5-Trichlorophenol | 0.4100 | 0.4110 | 0.4136 | 0.3693 0.4349 | 0.3777 | Ave | | 0.4027 | | | 0.2000 | 6.1 | | 20.0 | | | |
| 1,1'-Biphenyl | 1.4586 1.6009 | 1.5113 1.6653 | 1.6182 | 1.5603 1.6683 | 1.5676 | Ave | | 1.5813 | | | 0.0100 | 4.6 | | 20.0 | | | |
| 2-Chloronaphthalene | 1.2348 | 1.2407 | 1.2233 | 1.1942 1.2827 | 1.1987 | Ave | | 1.2291 | | | 0.8000 | 2.6 | | 20.0 | | | |
| Phenyl ether | 0.8648 | 0.8605 | 0.8755 | 0.8546 0.8964 | 0.8531 | Ave | | 0.8675 | | | 0.0100 | 1.9 | | 20.0 | | | |
| 2-Nitroaniline | 0.3953 | 0.3972 | 0.3868 | 0.3495 0.3983 | 0.3814 | Ave | | 0.3847 | | | 0.0100 | 4.8 | | 20.0 | | | |
| 1,3-Dimethylnaphthalene | 0.9727 | 0.9808 | 1.0009 | 0.9566 1.0366 | 0.9805 | Ave | | 0.9880 | | | 0.0100 | 2.8 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 Calibration End Date: 02/28/2025 09:34 Calibration ID: 100327

| 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 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Coumarin | 0.2312 | 0.2209 | 0.2206 | 0.2129 0.2219 | 0.2318 | Ave | | 0.2232 | | | 0.0100 | 3.2 | | 20.0 | | | |
| Dimethyl phthalate | 1.3086 | 1.3103 | 1.2843 | 1.2672 1.3233 | 1.3153 | Ave | | 1.3015 | | | 0.0100 | 1.6 | | 20.0 | | | |
| 2,6-Dinitrotoluene | 0.3072 | 0.2375 0.3010 | 0.2956 | 0.2610 0.3068 | 0.2884 | Ave | | 0.2853 | | | 0.2000 | 9.3 | | 20.0 | | | |
| Acenaphthylene | 1.8683 | 1.9162 | 1.8804 | 1.8231 1.9367 | 1.8503 | Ave | | 1.8792 | | | 0.9000 | 2.2 | | 20.0 | | | |
| 3-Nitroaniline | 0.3397 | 0.3388 | 0.3422 | 0.2984 0.3443 | 0.3233 | Ave | | 0.3311 | | | 0.0100 | 5.3 | | 20.0 | | | |
| Acenaphthene | 1.1367 | 1.1399 | 1.1246 | 1.1188 1.1580 | 1.1200 | Ave | | 1.1330 | | | 0.9000 | 1.3 | | 20.0 | | | |
| 3,5-di-tert-butyl-4-hydroxytol | 0.6974 | 0.8568 | 0.8481 | 0.8206 0.9301 | 0.5657 | Ave | | 0.7865 | | | 0.0100 | 16.8 | | 20.0 | | | |
| 2,4-Dinitrophenol | 0.0402 0.1799 | 0.1871 | 0.0830 0.1934 | 0.1213 0.2032 | 0.1502 | Qua1 | -0.040 | 0.1700 | 0.0007356 | | | | | | 0.9990 | | 0.9900 |
| 4-Nitrophenol | 0.1940 | 0.1978 | 0.1964 | 0.1561 0.2005 | 0.1820 | Ave | | 0.1878 | | | 0.0100 | 8.9 | | 20.0 | | | |
| Dibenzofuran | 1.7189 | 1.7253 | 1.6809 | 1.6610 1.7139 | 1.6565 | Ave | | 1.6928 | | | 0.8000 | 1.8 | | 20.0 | | | |
| 2,4-Dinitrotoluene | 0.3883 | 0.2839 0.3862 | 0.3851 | 0.3561 0.3874 | 0.3793 | Ave | | 0.3666 | | | 0.2000 | 10.4 | | 20.0 | | | |
| 2,3,4,6-Tetrachlorophenol | 0.3166 | 0.3134 | 0.3178 | 0.2848 0.3238 | 0.3003 | Ave | | 0.3094 | | | 0.0100 | 4.6 | | 20.0 | | | |
| Diethyl phthalate | 1.2670 | 1.2623 | 1.2520 | 1.6014 1.2581 | 1.2446 | Ave | | 1.3142 | | | 0.0100 | 10.7 | | 20.0 | | | |
| n-Octadecane | 0.4677 | 0.5329 | 0.4969 | 0.4323 0.5397 | 0.4484 | Ave | | 0.4863 | | | 0.0100 | 9.1 | | 20.0 | | | |
| Fluorene | 1.3374 | 1.2729 1.3334 | 1.3020 | 1.3030 1.3199 | 1.3188 | Ave | | 1.3125 | | | 0.9000 | 1.7 | | 20.0 | | | |
| 4-Chlorophenyl phenyl ether | 0.5971 | 0.5893 | 0.5735 | 0.5874 0.5928 | 0.5787 | Ave | | 0.5865 | | | 0.4000 | 1.5 | | 20.0 | | | |
| 4-Nitroaniline | 0.3073 | 0.2978 | 0.2939 | 0.2517 0.3028 | 0.2854 | Ave | | 0.2898 | | | 0.0100 | 7.0 | | 20.0 | | | |
| 4,6-Dinitro-2-methylphenol | 0.1347 | 0.1364 | 0.1380 | 0.1051 0.1499 | 0.1207 | Ave | | 0.1308 | | | 0.0100 | 12.0 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 Calibration End Date: 02/28/2025 09:34 Calibration ID: 100327

| 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 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| N-Nitrosodiphenylamine | 0.5518 | 0.5758 | 0.5619 | 0.5213 0.5955 | 0.5314 | Ave | | 0.5563 | | | 0.0100 | 5.0 | | 20.0 | | | |
| 1,2-Diphenylhydrazine | 0.5854 0.7890 | 0.6605 0.8416 | 0.7969 | 0.7166 0.8497 | 0.7531 | Ave | | 0.7491 | | | 0.0100 | 12.2 | | 20.0 | | | |
| Azobenzene | 0.7890 | 0.8416 | 0.7978 | 0.7164 0.8505 | 0.7531 | Ave | | 0.7914 | | | | 6.5 | | 20.0 | | | |
| 4-Bromophenyl phenyl ether | 0.2093 | 0.2151 | 0.2144 | 0.1951 0.2286 | 0.2028 | Ave | | 0.2109 | | | 0.1000 | 5.4 | | 20.0 | | | |
| Hexachlorobenzene | 0.2543 0.2590 | 0.2725 0.2641 | 0.2562 | 0.2494 0.2858 | 0.2541 | Ave | | 0.2619 | | | 0.1000 | 4.6 | | 20.0 | | | |
| Atrazine | 0.1786 | 0.1300 0.1802 | 0.1472 0.1898 | 0.1643 0.2005 | 0.1733 | Ave | | 0.1705 | | | 0.0100 | 13.4 | | 20.0 | | | |
| Pentachlorophenol | 0.1548 | 0.1642 | 0.1688 | 0.1241 0.1838 | 0.1392 | Ave | | 0.1558 | | | 0.0500 | 13.8 | | 20.0 | | | |
| Pentachloronitrobenzene | 0.0818 | 0.0806 | 0.0825 | 0.0741 0.0893 | 0.0781 | Ave | | 0.0811 | | | 0.0100 | 6.3 | | 20.0 | | | |
| Phenanthrene | 1.0617 | 1.0812 | 1.0480 | 1.0461 1.0927 | 1.0415 | Ave | | 1.0619 | | | 0.7000 | 2.0 | | 20.0 | | | |
| Anthracene | 1.0816 | 1.0946 | 1.0801 | 0.9802 1.1224 | 1.0388 | Ave | | 1.0663 | | | 0.7000 | 4.7 | | 20.0 | | | |
| Carbazole | 0.9476 | 0.9405 | 0.9297 | 0.8596 0.9874 | 0.9110 | Ave | | 0.9293 | | | 0.0100 | 4.6 | | 20.0 | | | |
| Di-n-butyl phthalate | 1.1147 | 1.1293 | 1.1579 | 0.9586 1.2094 | 1.0446 | Ave | | 1.1024 | | | 0.0100 | 8.1 | | 20.0 | | | |
| Fluoranthene | 0.9900 | 0.8882 0.9519 | 0.9504 | 0.8932 1.0165 | 0.9453 | Ave | | 0.9479 | | | 0.6000 | 4.9 | | 20.0 | | | |
| Benzidine | 0.4023 | 0.2837 | 0.2666 0.4128 | 0.3263 0.4193 | 0.3635 | Ave | | 0.3535 | | | 0.0100 | 17.7 | | 20.0 | | | |
| Pyrene | 1.6960 | 1.5579 1.7017 | 1.6176 | 1.6721 1.6105 | 1.6983 | Ave | | 1.6506 | | | 0.6000 | 3.4 | | 20.0 | | | |
| Bisphenol-A | 0.4742 | 0.5142 | 0.5316 | 0.3402 0.5612 | 0.4273 | Ave | | 0.4748 | | | | 17.0 | | 20.0 | | | |
| Butyl benzyl phthalate | 0.6412 | 0.6535 | 0.6549 | 0.5113 0.6788 | 0.5723 | Ave | | 0.6187 | | | 0.0100 | 10.3 | | 20.0 | | | |
| 2,3,7,8-TCDD | | 0.1971 | | | | Ave | | 0.1971 | | | 0.0100 | | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 Calibration End Date: 02/28/2025 09:34 Calibration ID: 100327

| 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<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Carbamazepine | 0.4082 | 0.4724 | 0.5074 | 0.2947<br>0.5657 | 0.3054 | Lin1 | -0.374 | 0.5474 | | | 0.0100 | | | | 0.9940 | | 0.9900 |
| 3,3'-Dichlorobenzidine | 0.4602 | 0.2427<br>0.4676 | 0.5354 | 0.3724<br>0.5202 | 0.4012 | Lin2 | -0.050 | 0.4785 | | | 0.0100 | | | | 0.9900 | | 0.9900 |
| Benzo[a]anthracene | 1.3310<br>1.2920 | 1.2266<br>1.3207 | 1.3042 | 1.2333<br>1.3377 | 1.2346 | Ave | | 1.2850 | | | 0.8000 | 3.6 | | 20.0 | | | |
| Chrysene | 1.2448 | 1.2733<br>1.2441 | 1.2117 | 1.2106<br>1.2485 | 1.2505 | Ave | | 1.2405 | | | 0.7000 | 1.8 | | 20.0 | | | |
| Bis(2-ethylhexyl) phthalate | 0.8636 | 0.4705<br>0.9416 | 0.9421 | 0.6598<br>0.9771 | 0.7740 | Lin2 | -0.092 | 0.8953 | | | 0.0100 | | | | 0.9900 | | 0.9900 |
| Di-n-octyl phthalate | 1.2837 | 1.3879 | 1.4405 | 0.9074<br>1.5026 | 1.1099 | Ave | | 1.2720 | | | 0.0100 | 17.7 | | 20.0 | | | |
| Benzo[b]fluoranthene | 0.9564<br>1.1544 | 1.0150<br>1.1770 | 1.1480 | 1.0579<br>1.1826 | 1.1242 | Ave | | 1.1019 | | | 0.7000 | 7.5 | | 20.0 | | | |
| Benzo[k]fluoranthene | 1.0464<br>1.2091 | 1.0948<br>1.1859 | 1.1843 | 1.1279<br>1.2253 | 1.1855 | Ave | | 1.1574 | | | 0.7000 | 5.3 | | 20.0 | | | |
| Benzo[a]pyrene | 0.8260<br>1.0403 | 0.8389<br>1.0829 | 1.0737 | 0.9278<br>1.1337 | 1.0004 | Ave | | 0.9905 | | | 0.7000 | 11.6 | | 20.0 | | | |
| Indeno[1,2,3-cd]pyrene | 1.0710<br>1.2366 | 1.0695<br>1.3081 | 1.3477 | 1.1379<br>1.5490 | 1.1840 | Ave | | 1.2380 | | | 0.5000 | 13.1 | | 20.0 | | | |
| Dibenz(a,h)anthracene | 1.0837<br>1.2197 | 1.1515<br>1.2731 | 1.2601 | 1.1649<br>1.4971 | 1.1997 | Ave | | 1.2312 | | | 0.4000 | 10.0 | | 20.0 | | | |
| Benzo[g,h,i]perylene | 1.1440<br>1.2210 | 1.1374<br>1.3028 | 1.3154 | 1.1616<br>1.5519 | 1.1754 | Ave | | 1.2512 | | | 0.5000 | 11.2 | | 20.0 | | | |
| 2-Fluorophenol (Surr) | 1.3282 | 1.1451<br>1.3901 | 1.4321 | 1.2457<br>1.4789 | 1.2779 | Ave | | 1.3283 | | | 0.0100 | 8.7 | | 20.0 | | | |
| Phenol-d5 (Surr) | 1.4500<br>1.7538 | 1.4671<br>1.8283 | 1.8764 | 1.6605<br>1.9057 | 1.7348 | Ave | | 1.7096 | | | 0.0100 | 10.2 | | 20.0 | | | |
| Nitrobenzene-d5 (Surr) | 0.3266<br>0.3841 | 0.3489<br>0.4089 | 0.4113 | 0.3700<br>0.4136 | 0.3792 | Ave | | 0.3803 | | | 0.0100 | 8.2 | | 20.0 | | | |
| 2-Fluorobiphenyl | 1.4657<br>1.5002 | 1.4294<br>1.5506 | 1.6330 | 1.4477<br>1.6336 | 1.4938 | Ave | | 1.5192 | | | 0.0100 | 5.2 | | 20.0 | | | |
| 2,4,6-Tribromophenol (Surr) | 0.2556 | 0.1929<br>0.2575 | 0.2824 | 0.2436<br>0.2757 | 0.2535 | Ave | | 0.2516 | | | 0.0100 | 11.6 | | 20.0 | | | |
| Terphenyl-d14 (Surr) | 1.1433<br>1.2872 | 1.2355<br>1.3442 | 1.3543 | 1.2553<br>1.3277 | 1.3176 | Ave | | 1.2831 | | | 0.0100 | 5.5 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 | Calibration End Date: 02/28/2025 09:34 | Calibration ID: 100327

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD01 460-1023441/10 | M348224.D |
| Level 2 | STD02 460-1023441/11 | M348225.D |
| Level 3 | STD04 460-1023441/8 | M348222.D |
| Level 4 | STD1 460-1023441/7 | M348221.D |
| Level 5 | STD2 460-1023441/6 | M348220.D |
| Level 6 | STD4 460-1023441/5 | M348219.D |
| Level 7 | ICIS 460-1023441/2 | M348216.D |
| Level 8 | STD16 460-1023441/4 | M348218.D |
| Level 9 | STD24 460-1023441/3 | M348217.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 |
| 1,4-Dioxane | DCBd4 | Ave | 3148<br>132837 | 6654<br>334625 | 539816 | 33919<br>796070 | 65485 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| N-Nitrosodimethylamine | DCBd4 | Ave | 200718 | 539179 | 854283 | 51834<br>1289764 | 101024 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Pyridine | DCBd4 | Ave | 11528<br>604719 | 26126<br>1513053 | 2552263 | 158805<br>3736365 | 306556 | 0.200<br>8.00 | 0.400<br>20.0 | 32.0 | 2.00<br>48.0 | 4.00 |
| Benzaldehyde | DCBd4 | Ave | 220978 | 12496<br>+++++ | 27359<br>+++++ | 72716<br>+++++ | 141062 | 3.20 | 0.200<br>+++++ | 0.400<br>+++++ | 1.00<br>+++++ | 2.00 |
| Phenol | DCBd4 | Ave | 460242 | 1176458 | 1930720 | 119093<br>2804018 | 223362 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Aniline | DCBd4 | Ave | 9614<br>502261 | 21580<br>1249167 | 2119820 | 126493<br>3110362 | 251321 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Bis(2-chloroethyl)ether | DCBd4 | Ave | 8217<br>332211 | 16062<br>848377 | 1385884 | 86765<br>2045685 | 171209 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Chlorophenol | DCBd4 | Ave | 344424 | 877635 | 1468902 | 89393<br>2149179 | 171792 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| n-Decane | DCBd4 | Ave | 270991 | 722034 | 1108149 | 69634<br>1618657 | 135402 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | 382208 | 18825<br>949821 | 1595268 | 99074<br>2294294 | 189731 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | 379917 | 18329<br>955676 | 1596965 | 99749<br>2323947 | 192138 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzyl alcohol | DCBd4 | Ave | 221056 | 563144 | 942316 | 53912<br>1382340 | 109534 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | 371391 | 17796<br>910768 | 1526716 | 96166<br>2234667 | 186904 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Methylphenol | DCBd4 | Ave | 300629 | 753855 | 1266769 | 76206<br>1834560 | 148555 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,2'-oxybis[1-chloropropane] | DCBd4 | Ave | | | | 97549 | 188278 | | | | 1.00 | 2.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 | Calibration End Date: 02/28/2025 09:34 | Calibration ID: 100327

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 372175 | 974528 | 1507584 | 2196372 | | 4.00 | 10.0 | 16.0 | 24.0 | |
| N-Methylaniline | DCBd4 | Ave | 7634<br>505371 | 22727<br>1298069 | 2211820 | 130882<br>3249118 | 253125 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Acetophenone | DCBd4 | Ave | 487523 | 1194524 | 1995161 | 123111<br>2892198 | 239470 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| N-Nitrosodi-n-propylamine | DCBd4 | Ave | 5235<br>236855 | 10240<br>594769 | 961850 | 60420<br>1375951 | 116635 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 3 & 4 Methylphenol | DCBd4 | Ave | 326569 | 818874 | 1359442 | 83565<br>1969752 | 163680 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Methylphenol | DCBd4 | Ave | 323188 | 813479 | 1351393 | 83225<br>1959495 | 163378 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Hexachloroethane | DCBd4 | Ave | 3317<br>142448 | 7172<br>350758 | 579208 | 37466<br>858551 | 73401 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Nitrobenzene | DCBd4 | Ave | 3504<br>176567 | 7537<br>426842 | 717500 | 43417<br>1029021 | 85810 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| n,n'-Dimethylaniline | DCBd4 | Ave | 12045<br>528183 | 23816<br>1298747 | 2221320 | 133898<br>3197109 | 272491 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Isophorone | NPT | Ave | 611918 | 25966<br>1538399 | 2543539 | 152425<br>3638087 | 307538 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Nitrophenol | NPT | Ave | 185940 | 456185 | 770217 | 42587<br>1108300 | 88925 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4-Dimethylphenol | NPT | Ave | 240899 | 601260 | 1038468 | 61771<br>1519535 | 119499 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Bis(2-chloroethoxy)methane | NPT | Ave | 406650 | 1014305 | 1667462 | 103072<br>2389350 | 205910 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzoic acid | NPT | Lin2 | 165170 | 451451 | 864035 | 28627<br>1240437 | 73026 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4-Dichlorophenol | NPT | Ave | 271086 | 661842 | 1113622 | 67113<br>1652269 | 130139 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,2,4-Trichlorobenzene | NPT | Ave | 6901<br>294369 | 14182<br>711580 | 1202039 | 77467<br>1738445 | 147979 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Naphthalene | NPT | Ave | 24640<br>1006243 | 50933<br>2484480 | 4066386 | 262928<br>5914373 | 513111 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Chloroaniline | NPT | Ave | 7926<br>402545 | 17622<br>976806 | 1652419 | 103144<br>2362770 | 196639 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,6-Dichlorophenol | NPT | Ave | 266122 | 657335 | 1112057 | 68273<br>1627202 | 133741 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Hexachlorobutadiene | NPT | Ave | 3989<br>149809 | 7464<br>367019 | 633028 | 40852<br>925674 | 77346 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Caprolactam | NPT | Ave | 88920 | 3622<br>113417 | 8661<br>144310 | 27108<br>180015 | 56533 | 3.20 | 0.200<br>4.00 | 0.400<br>4.80 | 1.00<br>6.40 | 2.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 | Calibration End Date: 02/28/2025 09:34 | Calibration ID: 100327

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| 4-Chloro-3-methylphenol | NPT | Ave | 266181 | 658770 | 1085386 | 64322<br>1556783 | 131527 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Methylnaphthalene | NPT | Ave | 659511 | 32752<br>1598170 | 2692218 | 171419<br>3865020 | 337852 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1-Methylnaphthalene | NPT | Ave | 609329 | 30757<br>1451842 | 2436953 | 157578<br>3553243 | 303556 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Hexachlorocyclopentadiene | ANT | Ave | 169304 | 349951 | 691812 | 42002<br>1001804 | 86644 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,2,4,5-Tetrachlorobenzene | ANT | Ave | 277967 | 663308 | 1147140 | 71598<br>1643668 | 141663 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-tertbutyl-4-methylphenol | NPT | Ave | 367142 | 13668<br>901225 | 1574388 | 93142<br>2271701 | 182590 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4,6-Trichlorophenol | ANT | Ave | 185588 | 7248<br>443511 | 756275 | 45654<br>1091443 | 92512 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4,5-Trichlorophenol | ANT | Ave | 196565 | 464242 | 797830 | 47984<br>1151844 | 95217 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,1'-Biphenyl | ANT | Ave | 17919<br>767616 | 36901<br>1881178 | 3121160 | 202762<br>4418129 | 395205 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Chloronaphthalene | ANT | Ave | 592054 | 1401502 | 2359524 | 155179<br>3397048 | 302215 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Phenyl ether | ANT | Ave | 414640 | 971998 | 1688669 | 111054<br>2373806 | 215072 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Nitroaniline | ANT | Ave | 189517 | 448643 | 745974 | 45411<br>1054680 | 96158 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,3-Dimethylnaphthalene | ANT | Ave | 466411 | 1107920 | 1930437 | 124303<br>2745081 | 247202 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Coumarin | NPT | Ave | 218385 | 503011 | 866976 | 53523<br>1227446 | 111982 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Dimethyl phthalate | ANT | Ave | 627442 | 1480069 | 2477054 | 164673<br>3504477 | 331599 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,6-Dinitrotoluene | ANT | Ave | 147319 | 5798<br>340001 | 570108 | 33915<br>812455 | 72704 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Acenaphthylene | ANT | Ave | 895813 | 2164552 | 3626935 | 236903<br>5128977 | 466492 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 3-Nitroaniline | ANT | Ave | 162893 | 382718 | 660011 | 38778<br>911736 | 81508 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Acenaphthene | ANT | Ave | 545047 | 1287631 | 2169087 | 145391<br>3066756 | 282360 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 3,5-di-tert-butyl-4-hydroxytol | ANT | Ave | 334410 | 967877 | 1635768 | 106632<br>2463241 | 142609 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4-Dinitrophenol | ANT | Qua1 | 987 | | 8572 | 31531 | 75731 | 0.200 | | 0.800 | 2.00 | 4.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 | Calibration End Date: 02/28/2025 09:34 | Calibration ID: 100327

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 172532 | 422618 | 746243 | 1076139 | | 8.00 | 20.0 | 32.0 | 48.0 | |
| 4-Nitrophenol | ANT | Ave | 186047 | 446761 | 757785 | 40578<br>1061853 | 91778 | 8.00 | 20.0 | 32.0 | 2.00<br>48.0 | 4.00 |
| Dibenzofuran | ANT | Ave | 824196 | 1948867 | 3242137 | 215840<br>4538982 | 417623 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4-Dinitrotoluene | ANT | Ave | 186191 | 6933<br>436258 | 742739 | 46279<br>1026019 | 95615 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,3,4,6-Tetrachlorophenol | ANT | Ave | 151819 | 353974 | 612912 | 37006<br>857583 | 75712 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Diethyl phthalate | ANT | Ave | 607512 | 1425849 | 2414775 | 208094<br>3331693 | 313781 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| n-Octadecane | PHN | Ave | 381163 | 969631 | 1535825 | 97121<br>2199914 | 194389 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Fluorene | ANT | Ave | 641260 | 31079<br>1506186 | 2511344 | 169320<br>3495313 | 332490 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Chlorophenyl phenyl ether | ANT | Ave | 286320 | 665624 | 1106086 | 76325<br>1570004 | 145908 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Nitroaniline | ANT | Ave | 147341 | 336357 | 566825 | 32702<br>801985 | 71943 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4,6-Dinitro-2-methylphenol | PHN | Ave | 219636 | 496278 | 853040 | 47219<br>1222093 | 104676 | 8.00 | 20.0 | 32.0 | 2.00<br>48.0 | 4.00 |
| N-Nitrosodiphenylamine | PHN | Ave | 449719 | 1047787 | 1736862 | 117108<br>2427368 | 230355 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,2-Diphenylhydrazine | PHN | Ave | 12819<br>643082 | 28411<br>1531384 | 2463193 | 160970<br>3463533 | 326476 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Azobenzene | PHN | Ave | 643082 | 1531431 | 2465879 | 160937<br>3466573 | 326476 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Bromophenyl phenyl ether | PHN | Ave | 170613 | 391393 | 662617 | 43833<br>931833 | 87913 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Hexachlorobenzene | PHN | Ave | 5568<br>211112 | 11721<br>480646 | 791861 | 56017<br>1164911 | 110164 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Atrazine | PHN | Ave | 116463 | 5591<br>131158 | 13396<br>176016 | 36905<br>217898 | 75130 | 3.20 | 0.200<br>4.00 | 0.400<br>4.80 | 1.00<br>6.40 | 2.00 |
| Pentachlorophenol | PHN | Ave | 252381 | 597463 | 1043236 | 55761<br>1498610 | 120678 | 8.00 | 20.0 | 32.0 | 2.00<br>48.0 | 4.00 |
| Pentachloronitrobenzene | PHN | Ave | 66639 | 146626 | 255133 | 16640<br>364116 | 33873 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Phenanthrene | PHN | Ave | 865366 | 1967348 | 3239216 | 235003<br>4453851 | 451497 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Anthracene | PHN | Ave | 881528 | 1991773 | 3338518 | 220190<br>4574812 | 450305 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 | Calibration End Date: 02/28/2025 09:34 | Calibration ID: 100327

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Carbazole | PHN | Ave | 772358 | 1711473 | 2873649 | 193104<br>4024532 | 394919 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Di-n-butyl phthalate | PHN | Ave | 908529 | 2054882 | 3578983 | 215343<br>4929629 | 452817 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Fluoranthene | PHN | Ave | 806886 | 38205<br>1732213 | 2937517 | 200651<br>4143319 | 409774 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzidine | PHN | Ave | 327856 | 516269 | 24265<br>1276045 | 73304<br>1709237 | 157588 | 4.00 | 10.0 | 0.400<br>16.0 | 1.00<br>24.0 | 2.00 |
| Pyrene | CRY | Ave | 805948 | 38166<br>1774007 | 2980668 | 211700<br>4164725 | 421534 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Bisphenol-A | CRY | Ave | 225345 | 536110 | 979540 | 43077<br>1451245 | 106054 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Butyl benzyl phthalate | CRY | Ave | 304715 | 681314 | 1206719 | 64737<br>1755207 | 142052 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,3,7,8-TCDD | CRY | Ave | | 2055 | | | | | 0.100 | | | |
| Carbamazepine | CRY | Lin1 | 193984 | 492535 | 935023 | 37316<br>1462977 | 75804 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 3,3'-Dichlorobenzidine | CRY | Lin2 | 218666 | 5946<br>487489 | 986486 | 47152<br>1345197 | 99584 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[a]anthracene | CRY | Ave | 16706<br>613932 | 30050<br>1376885 | 2403051 | 156144<br>3459166 | 306435 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Chrysene | CRY | Ave | 591509 | 31193<br>1296947 | 2232745 | 153268<br>3228645 | 310379 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Bis(2-ethylhexyl) phthalate | CRY | Lin2 | 410373 | 11526<br>981603 | 1736015 | 83534<br>2526576 | 192101 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Di-n-octyl phthalate | PRY | Ave | 600377 | 1546865 | 2836337 | 109961<br>4290092 | 266086 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[b]fluoranthene | PRY | Ave | 11641<br>539915 | 24069<br>1311819 | 2260295 | 128196<br>3376473 | 269512 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[k]fluoranthene | PRY | Ave | 12737<br>565464 | 25961<br>1321644 | 2331863 | 136682<br>3498587 | 284213 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[a]pyrene | PRY | Ave | 10054<br>486537 | 19893<br>1206916 | 2114077 | 112431<br>3236856 | 239834 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Indeno[1,2,3-cd]pyrene | PRY | Ave | 13036<br>578355 | 25361<br>1457839 | 2653482 | 137892<br>4422638 | 283853 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Dibenz(a,h)anthracene | PRY | Ave | 13191<br>570436 | 27305<br>1418879 | 2481138 | 141164<br>4274544 | 287614 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[g,h,i]perylene | PRY | Ave | 13925<br>571028 | 26972<br>1451935 | 2590008 | 140765<br>4430914 | 281806 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Fluorophenol (Surr) | DCBd4 | Ave | | 13853 | | 80963 | 161594 | | 0.200 | | 1.00 | 2.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-321765-1 | Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 | Calibration End Date: 02/28/2025 09:34 | Calibration ID: 100327

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 326562 | 851812 | 1523517 | 2182088 | | 4.00 | 10.0 | 16.0 | 24.0 | |
| Phenol-d5 (Surr) | DCBd4 | Ave | 8955<br>431191 | 17748<br>1120323 | 1996132 | 107920<br>2811789 | 219369 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Nitrobenzene-d5 (Surr) | NPT | Ave | 7739<br>362838 | 16207<br>931147 | 1616684 | 93033<br>2287576 | 183192 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Fluorobiphenyl | ANT | Ave | 18007<br>719307 | 34901<br>1751564 | 3149699 | 188121<br>4326078 | 376607 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4,6-Tribromophenol (Surr) | ANT | Ave | 122554 | 4710<br>290818 | 544696 | 31654<br>730250 | 63900 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Terphenyl-d14 (Surr) | CRY | Ave | 14350<br>611669 | 30268<br>1401375 | 2495430 | 158929<br>3433352 | 327037 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD

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

Lab Name: Eurofins Edison Job No.: 460-321765-1 Analy Batch No.: 1023441

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2025 06:24 Calibration End Date: 02/28/2025 09:34 Calibration ID: 100327

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD01 460-1023441/10 | M348224.D |
| Level 2 | STD02 460-1023441/11 | M348225.D |
| Level 3 | STD04 460-1023441/8 | M348222.D |
| Level 4 | STD1 460-1023441/7 | M348221.D |
| Level 5 | STD2 460-1023441/6 | M348220.D |
| Level 6 | STD4 460-1023441/5 | M348219.D |
| Level 7 | ICIS 460-1023441/2 | M348216.D |
| Level 8 | STD16 460-1023441/4 | M348218.D |
| Level 9 | STD24 460-1023441/3 | M348217.D |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # LVL 9 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 LVL 9 | LVL 4 | LVL 5 | LVL 6 |
| Benzoic acid | | | | 3.7 | | | | | | 30 | | |
| Carbamazepine | | | | 22.1 | | | | | | 30 | | |
| 3,3'-Dichlorobenzidine | | 3.3 | | | | | | 30 | | | | |
| Bis(2-ethylhexyl) phthalate | | 3.8 | | | | | | 30 | | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348216.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 28-Feb-2025 06:24:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:24:41 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 11:22:42

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.382 | 1.382 | 0.000 | 92 | 334625 | 10.0 | 10.3 | |
| 2 N-Nitrosodimethylamine | 74 | 1.564 | 1.564 | 0.000 | 99 | 539179 | 10.0 | 10.6 | |
| 3 Pyridine | 79 | 1.590 | 1.590 | 0.000 | 97 | 1513053 | 20.0 | 21.1 | |
| $ 4 2-Fluorophenol | 112 | 2.574 | 2.574 | 0.000 | 98 | 851812 | 10.0 | 10.5 | |
| 5 Benzaldehyde | 77 | 3.385 | 3.385 | 0.000 | 97 | 132169 | 4.00 | 1.98 | |
| $ 6 Phenol-d5 | 99 | 3.471 | 3.471 | 0.000 | 0 | 1120323 | 10.0 | 10.7 | |
| 7 Phenol | 94 | 3.484 | 3.484 | 0.000 | 96 | 1176458 | 10.0 | 10.4 | |
| 8 Aniline | 93 | 3.497 | 3.497 | 0.000 | 96 | 1249167 | 10.0 | 10.6 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.567 | 3.567 | 0.000 | 98 | 848377 | 10.0 | 10.3 | |
| 10 Benzonitrile | 103 | 3.580 | 3.580 | 0.000 | 97 | 1672034 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.612 | 3.612 | 0.000 | 98 | 877635 | 10.0 | 10.2 | |
| 13 n-Decane | 43 | 3.676 | 3.676 | 0.000 | 88 | 722034 | 10.0 | 10.8 | |
| 14 1,3-Dichlorobenzene | 146 | 3.762 | 3.762 | 0.000 | 97 | 949821 | 10.0 | 10.1 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.820 | 3.820 | 0.000 | 95 | 490201 | 8.00 | 8.00 | |
| 16 1,4-Dichlorobenzene | 146 | 3.836 | 3.836 | 0.000 | 95 | 955676 | 10.0 | 10.2 | |
| 17 Benzyl alcohol | 108 | 3.967 | 3.967 | 0.000 | 94 | 563144 | 10.0 | 10.3 | |
| 19 1,2-Dichlorobenzene | 146 | 3.983 | 3.983 | 0.000 | 97 | 910768 | 10.0 | 10.0 | |
| 20 2-Methylphenol | 108 | 4.085 | 4.085 | 0.000 | 93 | 753855 | 10.0 | 10.2 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.101 | 4.101 | 0.000 | 96 | 974528 | 10.0 | 10.6 | a |
| 24 N-Methylaniline | 106 | 4.216 | 4.216 | 0.000 | 98 | 1298069 | 10.0 | 10.9 | |
| 26 Acetophenone | 105 | 4.226 | 4.226 | 0.000 | 94 | 1194524 | 10.0 | 10.1 | |
| 25 N-Nitrosodi-n-propylamine | 70 | 4.232 | 4.232 | 0.000 | 80 | 594769 | 10.0 | 10.6 | |
| 22 4-Methylphenol | 108 | 4.245 | 4.245 | 0.000 | 95 | 813479 | 10.0 | 10.2 | |
| 23 3 & 4 Methylphenol | 108 | 4.245 | 4.245 | 0.000 | 0 | 818874 | 10.0 | 10.2 | |
| 27 Hexachloroethane | 117 | 4.312 | 4.312 | 0.000 | 96 | 350758 | 10.0 | 10.0 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.370 | 4.370 | 0.000 | 84 | 931147 | 10.0 | 10.8 | |
| 29 Nitrobenzene | 123 | 4.389 | 4.389 | 0.000 | 99 | 426842 | 10.0 | 10.5 | |
| 30 n,n'-Dimethylaniline | 120 | 4.395 | 4.395 | 0.000 | 94 | 1298747 | 10.0 | 10.2 | |
| 31 Isophorone | 82 | 4.628 | 4.628 | 0.000 | 98 | 1538399 | 10.0 | 10.7 | |
| 32 2-Nitrophenol | 139 | 4.699 | 4.699 | 0.000 | 97 | 456185 | 10.0 | 10.5 | |
| 33 2,4-Dimethylphenol | 122 | 4.766 | 4.766 | 0.000 | 92 | 601260 | 10.0 | 10.2 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.859 | 4.859 | 0.000 | 98 | 1014305 | 10.0 | 10.4 | |
| 34 Benzoic acid | 122 | 4.871 | 4.871 | 0.000 | 86 | 451451 | 10.0 | 9.67 | |
| 36 2,4-Dichlorophenol | 162 | 4.939 | 4.939 | 0.000 | 98 | 661842 | 10.0 | 10.3 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.015 | 5.015 | 0.000 | 94 | 711580 | 10.0 | 10.2 | |
| * 38 Naphthalene-d8 | 136 | 5.067 | 5.067 | 0.000 | 99 | 1821934 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.086 | 5.086 | 0.000 | 99 | 2484480 | 10.0 | 10.3 | |
| 40 4-Chloroaniline | 127 | 5.156 | 5.156 | 0.000 | 97 | 976806 | 10.0 | 10.6 | |
| 41 2,6-Dichlorophenol | 162 | 5.159 | 5.159 | 0.000 | 98 | 657335 | 10.0 | 10.2 | |
| 42 Hexachlorobutadiene | 225 | 5.220 | 5.220 | 0.000 | 96 | 367019 | 10.0 | 9.92 | |
| 44 Caprolactam | 55 | 5.476 | 5.476 | 0.000 | 93 | 113417 | 4.00 | 4.54 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.645 | 5.645 | 0.000 | 96 | 658770 | 10.0 | 10.5 | |
| 46 2-Methylnaphthalene | 142 | 5.764 | 5.764 | 0.000 | 84 | 1598170 | 10.0 | 10.1 | |
| 47 1-Methylnaphthalene | 142 | 5.856 | 5.856 | 0.000 | 92 | 1451842 | 10.0 | 10.0 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.920 | 5.920 | 0.000 | 96 | 349951 | 10.0 | 8.99 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.927 | 5.927 | 0.000 | 97 | 663308 | 10.0 | 10.1 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.988 | 5.988 | 0.000 | 91 | 901225 | 10.0 | 10.5 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.042 | 6.042 | 0.000 | 90 | 443511 | 10.0 | 10.6 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.074 | 6.074 | 0.000 | 97 | 464242 | 10.0 | 10.2 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.128 | 6.128 | 0.000 | 97 | 1751564 | 10.0 | 10.2 | |
| 54 1,1'-Biphenyl | 154 | 6.218 | 6.218 | 0.000 | 97 | 1881178 | 10.0 | 10.5 | |
| 55 2-Chloronaphthalene | 162 | 6.228 | 6.228 | 0.000 | 99 | 1401502 | 10.0 | 10.1 | |
| 56 Phenyl ether | 170 | 6.324 | 6.324 | 0.000 | 87 | 971998 | 10.0 | 9.92 | |
| 57 2-Nitroaniline | 65 | 6.336 | 6.336 | 0.000 | 95 | 448643 | 10.0 | 10.3 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.442 | 6.442 | 0.000 | 91 | 1107920 | 10.0 | 9.93 | |
| 60 Coumarin | 146 | 6.528 | 6.528 | 0.000 | 81 | 503011 | 10.0 | 9.90 | |
| 59 Dimethyl phthalate | 163 | 6.532 | 6.532 | 0.000 | 98 | 1480069 | 10.0 | 10.1 | |
| 61 2,6-Dinitrotoluene | 165 | 6.580 | 6.580 | 0.000 | 96 | 340001 | 10.0 | 10.5 | |
| 62 Acenaphthylene | 152 | 6.618 | 6.618 | 0.000 | 97 | 2164552 | 10.0 | 10.2 | |
| 63 3-Nitroaniline | 138 | 6.733 | 6.733 | 0.000 | 97 | 382718 | 10.0 | 10.2 | |
| * 64 Acenaphthene-d10 | 164 | 6.756 | 6.756 | 0.000 | 95 | 903683 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.788 | 6.788 | 0.000 | 96 | 1287631 | 10.0 | 10.1 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.810 | 6.810 | 0.000 | 97 | 967877 | 10.0 | 10.9 | |
| 67 2,4-Dinitrophenol | 184 | 6.832 | 6.832 | 0.000 | 96 | 422618 | 20.0 | 20.4 | |
| 68 4-Nitrophenol | 65 | 6.916 | 6.916 | 0.000 | 87 | 446761 | 20.0 | 21.1 | |
| 70 Dibenzofuran | 168 | 6.954 | 6.954 | 0.000 | 97 | 1948867 | 10.0 | 10.2 | |
| 69 2,4-Dinitrotoluene | 165 | 6.961 | 6.961 | 0.000 | 96 | 436258 | 10.0 | 10.5 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.079 | 7.079 | 0.000 | 94 | 353974 | 10.0 | 10.1 | |
| 72 Diethyl phthalate | 149 | 7.213 | 7.213 | 0.000 | 98 | 1425849 | 10.0 | 9.60 | |
| 73 n-Octadecane | 57 | 7.242 | 7.242 | 0.000 | 90 | 969631 | 10.0 | 11.0 | |
| 74 Fluorene | 166 | 7.281 | 7.281 | 0.000 | 94 | 1506186 | 10.0 | 10.2 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.297 | 7.297 | 0.000 | 89 | 665624 | 10.0 | 10.0 | |
| 76 4-Nitroaniline | 138 | 7.313 | 7.313 | 0.000 | 89 | 336357 | 10.0 | 10.3 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.345 | 7.345 | 0.000 | 87 | 496278 | 20.0 | 20.8 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.412 | 7.412 | 0.000 | 70 | 1047787 | 10.0 | 10.4 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.444 | 7.444 | 0.000 | 50 | 1531384 | 10.0 | 11.2 | |
| 131 Azobenzene | 77 | 7.444 | 7.444 | 0.000 | 96 | 1531431 | 10.0 | 10.6 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.508 | 7.508 | 0.000 | 92 | 290818 | 10.0 | 10.2 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.757 | 7.757 | 0.000 | 92 | 391393 | 10.0 | 10.2 | |
| 84 Hexachlorobenzene | 284 | 7.799 | 7.799 | 0.000 | 96 | 480646 | 10.0 | 10.1 | |
| 85 Atrazine | 200 | 7.936 | 7.936 | 0.000 | 92 | 131158 | 4.00 | 4.23 | |
| 86 Pentachlorophenol | 266 | 7.994 | 7.994 | 0.000 | 95 | 597463 | 20.0 | 21.1 | |
| 87 Pentachloronitrobenzene | 237 | 8.007 | 8.007 | 0.000 | 89 | 146626 | 10.0 | 9.94 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.164 | 8.164 | 0.000 | 99 | 1455740 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.186 | 8.186 | 0.000 | 98 | 1967348 | 10.0 | 10.2 | |
| 90 Anthracene | 178 | 8.234 | 8.234 | 0.000 | 98 | 1991773 | 10.0 | 10.3 | |
| 91 Carbazole | 167 | 8.397 | 8.397 | 0.000 | 96 | 1711473 | 10.0 | 10.1 | |
| 92 Di-n-butyl phthalate | 149 | 8.772 | 8.772 | 0.000 | 99 | 2054882 | 10.0 | 10.2 | |
| 93 Fluoranthene | 202 | 9.312 | 9.312 | 0.000 | 97 | 1732213 | 10.0 | 10.0 | |
| 94 Benzidine | 184 | 9.462 | 9.462 | 0.000 | 99 | 516269 | 10.0 | 8.03 | M |
| 95 Pyrene | 202 | 9.520 | 9.520 | 0.000 | 96 | 1774007 | 10.0 | 10.3 | |
| 96 Bisphenol-A | 213 | 9.609 | 9.609 | 0.000 | 98 | 536110 | 10.0 | 10.8 | |
| $ 97 Terphenyl-d14 | 244 | 9.702 | 9.702 | 0.000 | 97 | 1401375 | 10.0 | 10.5 | |
| 98 Butyl benzyl phthalate | 149 | 10.195 | 10.195 | 0.000 | 97 | 681314 | 10.0 | 10.6 | |
| 99 2,3,7,8-TCDD | 320 | 10.246 | 10.246 | 0.000 | 90 | 2055 | 0.1000 | 0.1000 | |
| 100 Carbamazepine | 193 | 10.269 | 10.269 | 0.000 | 93 | 492535 | 10.0 | 9.31 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.710 | 10.710 | 0.000 | 98 | 487489 | 10.0 | 9.88 | |
| 102 Benzo[a]anthracene | 228 | 10.713 | 10.713 | 0.000 | 100 | 1376885 | 10.0 | 10.3 | |
| * 103 Chrysene-d12 | 240 | 10.723 | 10.723 | 0.000 | 99 | 834014 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.752 | 10.752 | 0.000 | 97 | 1296947 | 10.0 | 10.0 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.835 | 10.835 | 0.000 | 86 | 981603 | 10.0 | 10.6 | |
| 106 Di-n-octyl phthalate | 149 | 11.631 | 11.631 | 0.000 | 96 | 1546865 | 10.0 | 10.9 | |
| 107 Benzo[b]fluoranthene | 252 | 12.005 | 12.005 | 0.000 | 97 | 1311819 | 10.0 | 10.7 | |
| 108 Benzo[k]fluoranthene | 252 | 12.041 | 12.041 | 0.000 | 98 | 1321644 | 10.0 | 10.2 | |
| 109 Benzo[a]pyrene | 252 | 12.428 | 12.428 | 0.000 | 96 | 1206916 | 10.0 | 10.9 | |
| * 110 Perylene-d12 | 264 | 12.501 | 12.501 | 0.000 | 98 | 891605 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.951 | 13.951 | 0.000 | 97 | 1457839 | 10.0 | 10.6 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.996 | 13.996 | 0.000 | 96 | 1418879 | 10.0 | 10.3 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.306 | 14.306 | 0.000 | 95 | 1451935 | 10.0 | 10.4 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:24:43 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348216.D

Injection Date: 28-Feb-2025 06:24:30 Instrument ID: CBNAMS17

Lims ID: ICIS

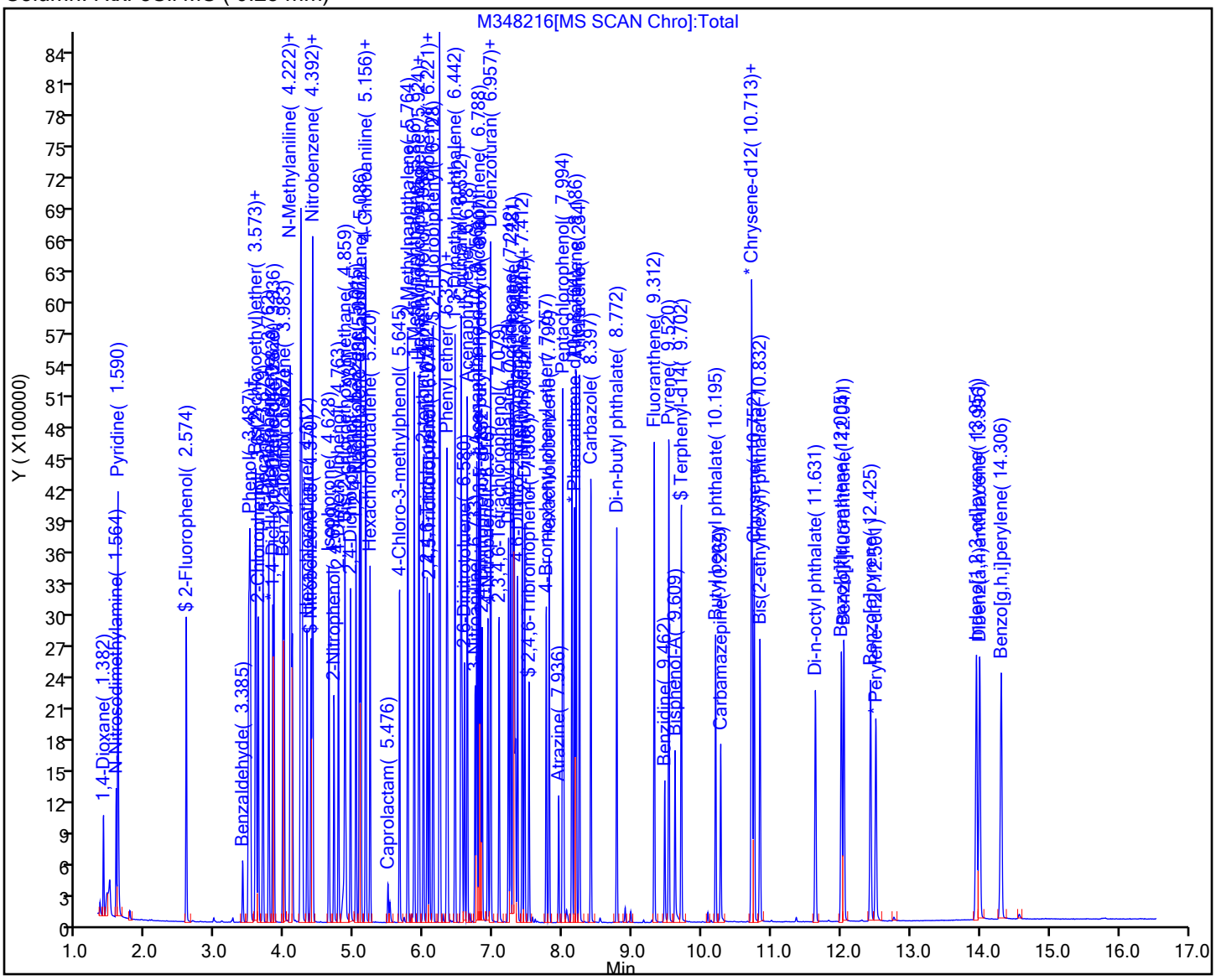
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Resolution Report

Eurofins Edison

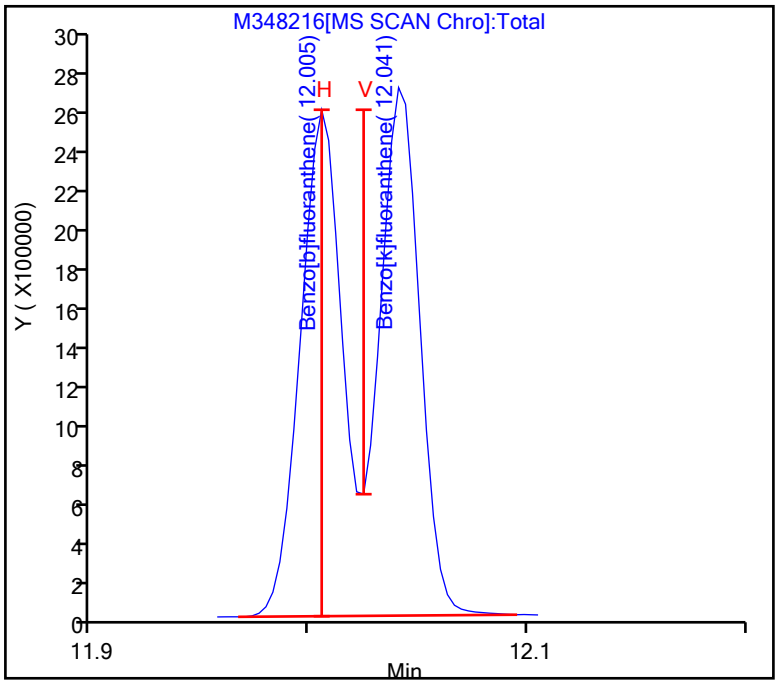
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348216.D
Injection Date: 28-Feb-2025 06:24:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 1955273
H(Smaller Peak Height) = 2575840

%Resolution = 75.9, Min. Resolution > 50.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

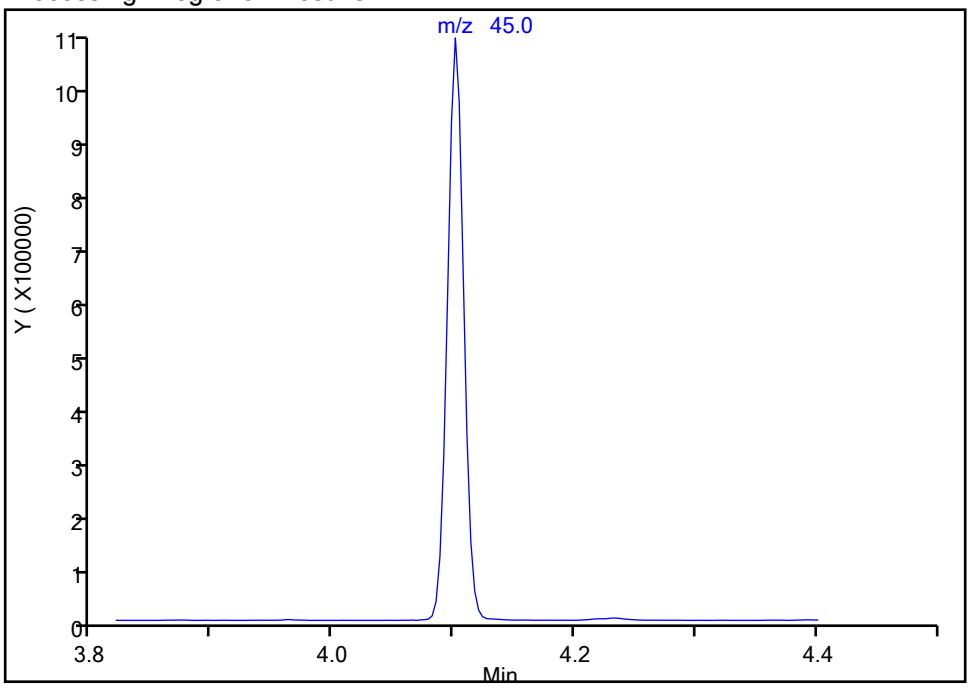
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348216.D
Injection Date: 28-Feb-2025 06:24:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 21 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

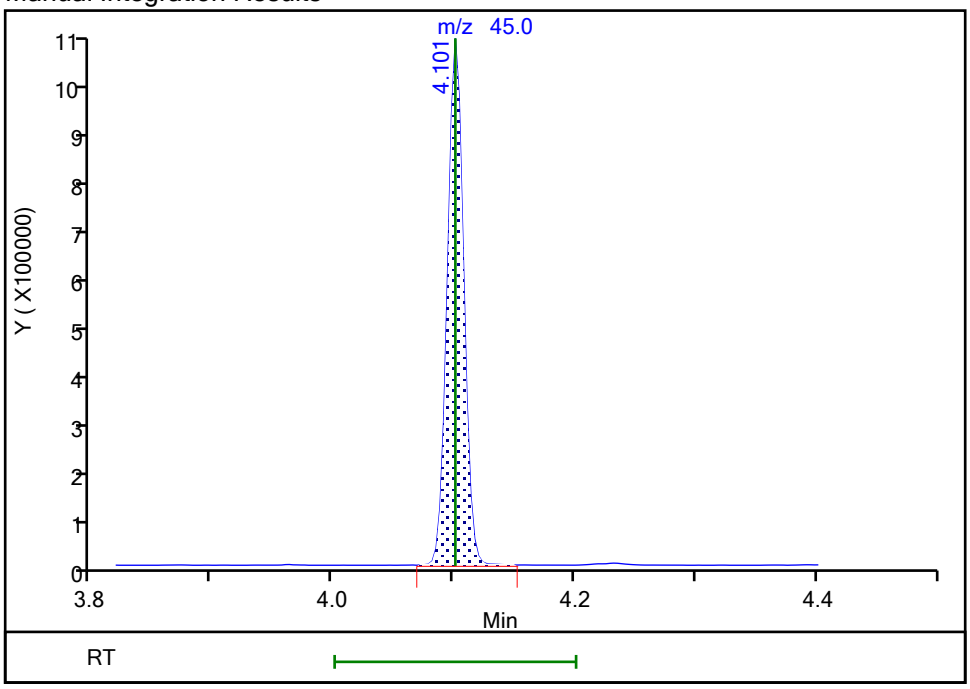
Not Detected
Expected RT: 4.10

Processing Integration Results




Manual Integration Results

RT: 4.10
Area: 974528
Amount: 10.603048
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 06:46:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

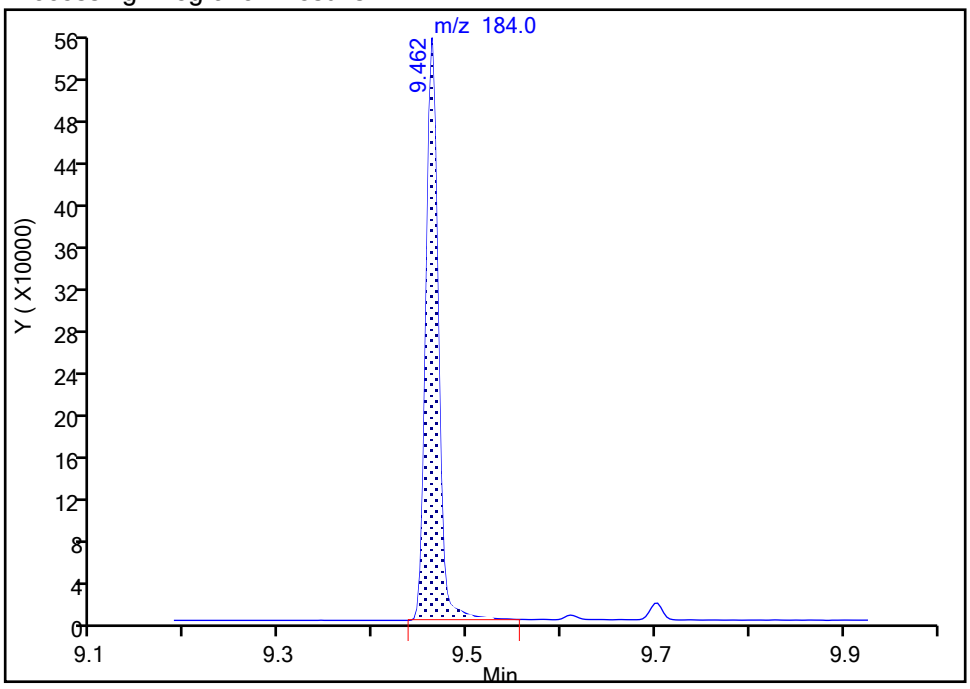
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348216.D
Injection Date: 28-Feb-2025 06:24:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

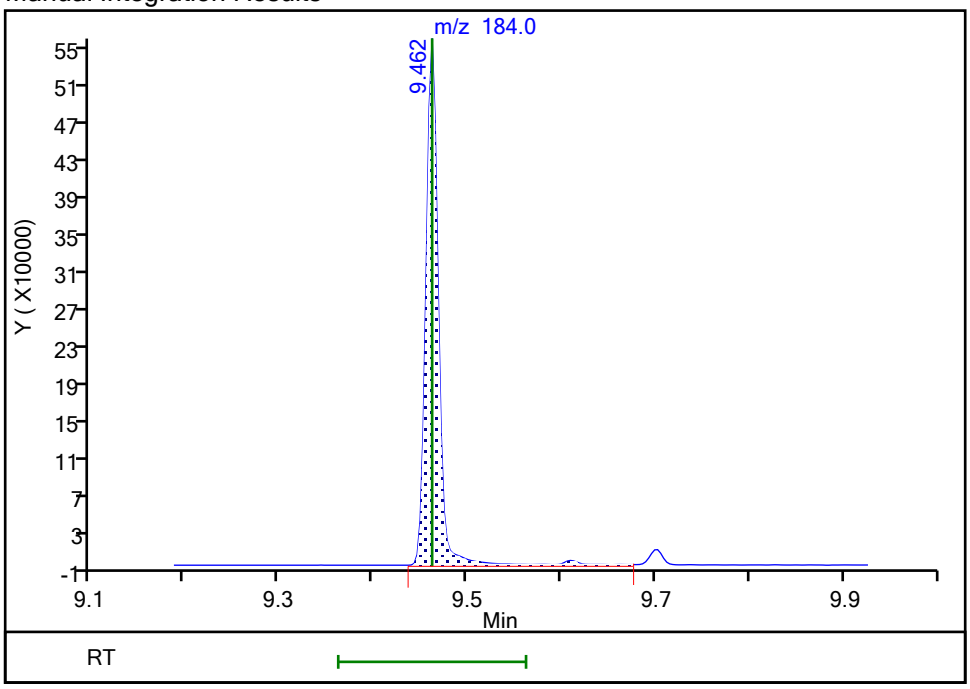
Processing Integration Results

RT: 9.46
Area: 507191
Amount: 7.939382
Amount Units: ug/ml




Manual Integration Results

RT: 9.46
Area: 516269
Amount: 8.025455
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:05:32 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348217.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 28-Feb-2025 06:44:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-003
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:24:46 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 07:06:18

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.379 | 1.382 | -0.003 | 91 | 796070 | 24.0 | 24.5 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.567 | 1.564 | 0.003 | 99 | 1289764 | 24.0 | 25.3 | |
| | 3 Pyridine | 79 | 1.590 | 1.590 | 0.000 | 98 | 3736365 | 48.0 | 51.9 | |
| $ | 4 2-Fluorophenol | 112 | 2.577 | 2.574 | 0.003 | 97 | 2182088 | 24.0 | 26.7 | |
| | 5 Benzaldehyde | 77 | 3.388 | 3.385 | 0.003 | 97 | 356947 | 6.40 | 5.34 | |
| $ | 6 Phenol-d5 | 99 | 3.481 | 3.471 | 0.010 | 0 | 2811789 | 24.0 | 26.8 | |
| | 7 Phenol | 94 | 3.494 | 3.484 | 0.010 | 96 | 2804018 | 24.0 | 24.6 | |
| | 8 Aniline | 93 | 3.500 | 3.497 | 0.003 | 96 | 3110362 | 24.0 | 26.2 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.577 | 3.567 | 0.010 | 98 | 2045685 | 24.0 | 24.7 | |
| | 10 Benzonitrile | 103 | 3.590 | 3.580 | 0.010 | 97 | 4187221 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.615 | 3.612 | 0.003 | 99 | 2149179 | 24.0 | 25.0 | |
| | 13 n-Decane | 43 | 3.679 | 3.676 | 0.003 | 86 | 1618657 | 24.0 | 24.1 | |
| | 14 1,3-Dichlorobenzene | 146 | 3.766 | 3.762 | 0.004 | 97 | 2294294 | 24.0 | 24.3 | |
| * | 15 1,4-Dichlorobenzene-d4 | 152 | 3.820 | 3.820 | 0.000 | 95 | 491824 | 8.00 | 8.00 | |
| | 16 1,4-Dichlorobenzene | 146 | 3.839 | 3.836 | 0.003 | 96 | 2323947 | 24.0 | 24.6 | |
| | 17 Benzyl alcohol | 108 | 3.973 | 3.967 | 0.006 | 96 | 1382340 | 24.0 | 25.3 | |
| | 19 1,2-Dichlorobenzene | 146 | 3.983 | 3.983 | 0.000 | 97 | 2234667 | 24.0 | 24.5 | |
| | 20 2-Methylphenol | 108 | 4.092 | 4.085 | 0.007 | 91 | 1834560 | 24.0 | 24.7 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.105 | 4.101 | 0.004 | 95 | 2196372 | 24.0 | 23.8 | |
| | 24 N-Methylaniline | 106 | 4.223 | 4.216 | 0.007 | 97 | 3249118 | 24.0 | 27.1 | a |
| | 26 Acetophenone | 105 | 4.232 | 4.226 | 0.006 | 92 | 2892198 | 24.0 | 24.4 | |
| | 25 N-Nitrosodi-n-propylamine | 70 | 4.242 | 4.232 | 0.010 | 83 | 1375951 | 24.0 | 24.5 | |
| | 22 4-Methylphenol | 108 | 4.255 | 4.245 | 0.010 | 97 | 1959495 | 24.0 | 24.5 | |
| | 23 3 & 4 Methylphenol | 108 | 4.255 | 4.245 | 0.010 | 0 | 1969752 | 24.0 | 24.5 | |
| | 27 Hexachloroethane | 117 | 4.316 | 4.312 | 0.004 | 97 | 858551 | 24.0 | 24.5 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.373 | 4.370 | 0.003 | 85 | 2287576 | 24.0 | 26.1 | |
| | 29 Nitrobenzene | 123 | 4.396 | 4.389 | 0.007 | 99 | 1029021 | 24.0 | 25.2 | |
| | 30 n,n'-Dimethylaniline | 120 | 4.399 | 4.395 | 0.004 | 92 | 3197109 | 24.0 | 25.0 | |
| | 31 Isophorone | 82 | 4.635 | 4.628 | 0.007 | 98 | 3638087 | 24.0 | 24.9 | |
| | 32 2-Nitrophenol | 139 | 4.703 | 4.699 | 0.004 | 96 | 1108300 | 24.0 | 25.2 | |
| | 33 2,4-Dimethylphenol | 122 | 4.770 | 4.766 | 0.004 | 93 | 1519535 | 24.0 | 25.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.862 | 4.859 | 0.003 | 97 | 2389350 | 24.0 | 24.2 | |
| 34 Benzoic acid | 122 | 4.914 | 4.871 | 0.043 | 90 | 1240437 | 24.0 | 25.4 | |
| 36 2,4-Dichlorophenol | 162 | 4.943 | 4.939 | 0.003 | 98 | 1652269 | 24.0 | 25.4 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.019 | 5.015 | 0.004 | 94 | 1738445 | 24.0 | 24.6 | |
| * 38 Naphthalene-d8 | 136 | 5.067 | 5.067 | 0.000 | 99 | 1843458 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.090 | 5.086 | 0.004 | 99 | 5914373 | 24.0 | 24.1 | |
| 40 4-Chloroaniline | 127 | 5.160 | 5.156 | 0.004 | 97 | 2362770 | 24.0 | 25.4 | |
| 41 2,6-Dichlorophenol | 162 | 5.160 | 5.159 | 0.001 | 97 | 1627202 | 24.0 | 25.0 | |
| 42 Hexachlorobutadiene | 225 | 5.221 | 5.220 | 0.001 | 97 | 925674 | 24.0 | 24.7 | |
| 44 Caprolactam | 55 | 5.557 | 5.476 | 0.081 | 94 | 180015 | 6.40 | 7.12 | M |
| 45 4-Chloro-3-methylphenol | 107 | 5.649 | 5.645 | 0.004 | 95 | 1556783 | 24.0 | 24.5 | |
| 46 2-Methylnaphthalene | 142 | 5.765 | 5.764 | 0.001 | 85 | 3865020 | 24.0 | 24.1 | |
| 47 1-Methylnaphthalene | 142 | 5.857 | 5.856 | 0.001 | 92 | 3553243 | 24.0 | 24.2 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.921 | 5.920 | 0.001 | 97 | 1001804 | 24.0 | 26.4 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.928 | 5.927 | 0.001 | 98 | 1643668 | 24.0 | 25.6 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.989 | 5.988 | 0.001 | 91 | 2271701 | 24.0 | 26.2 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.046 | 6.042 | 0.004 | 90 | 1091443 | 24.0 | 26.6 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.075 | 6.074 | 0.001 | 98 | 1151844 | 24.0 | 25.9 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.130 | 6.128 | 0.002 | 97 | 4326078 | 24.0 | 25.8 | |
| 54 1,1'-Biphenyl | 154 | 6.223 | 6.218 | 0.005 | 96 | 4418129 | 24.0 | 25.3 | |
| 55 2-Chloronaphthalene | 162 | 6.229 | 6.228 | 0.001 | 97 | 3397048 | 24.0 | 25.0 | |
| 56 Phenyl ether | 170 | 6.328 | 6.324 | 0.004 | 85 | 2373806 | 24.0 | 24.8 | |
| 57 2-Nitroaniline | 65 | 6.341 | 6.336 | 0.005 | 96 | 1054680 | 24.0 | 24.8 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.447 | 6.442 | 0.005 | 92 | 2745081 | 24.0 | 25.2 | |
| 60 Coumarin | 146 | 6.533 | 6.528 | 0.005 | 82 | 1227446 | 24.0 | 23.9 | |
| 59 Dimethyl phthalate | 163 | 6.539 | 6.532 | 0.007 | 99 | 3504477 | 24.0 | 24.4 | |
| 61 2,6-Dinitrotoluene | 165 | 6.584 | 6.580 | 0.004 | 96 | 812455 | 24.0 | 25.8 | |
| 62 Acenaphthylene | 152 | 6.623 | 6.618 | 0.005 | 98 | 5128977 | 24.0 | 24.7 | |
| 63 3-Nitroaniline | 138 | 6.738 | 6.733 | 0.005 | 96 | 911736 | 24.0 | 25.0 | |
| * 64 Acenaphthene-d10 | 164 | 6.757 | 6.756 | 0.001 | 94 | 882754 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.789 | 6.788 | 0.001 | 95 | 3066756 | 24.0 | 24.5 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.812 | 6.810 | 0.002 | 97 | 2463241 | 24.0 | 28.4 | |
| 67 2,4-Dinitrophenol | 184 | 6.841 | 6.832 | 0.009 | 96 | 1076139 | 48.0 | 47.7 | |
| 68 4-Nitrophenol | 65 | 6.924 | 6.916 | 0.008 | 87 | 1061853 | 48.0 | 51.2 | |
| 70 Dibenzofuran | 168 | 6.959 | 6.954 | 0.005 | 97 | 4538982 | 24.0 | 24.3 | |
| 69 2,4-Dinitrotoluene | 165 | 6.965 | 6.961 | 0.005 | 97 | 1026019 | 24.0 | 25.4 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.081 | 7.079 | 0.002 | 95 | 857583 | 24.0 | 25.1 | |
| 72 Diethyl phthalate | 149 | 7.218 | 7.213 | 0.005 | 98 | 3331693 | 24.0 | 23.0 | |
| 73 n-Octadecane | 57 | 7.247 | 7.242 | 0.005 | 89 | 2199914 | 24.0 | 26.6 | |
| 74 Fluorene | 166 | 7.282 | 7.281 | 0.002 | 93 | 3495313 | 24.0 | 24.1 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.299 | 7.297 | 0.001 | 90 | 1570004 | 24.0 | 24.3 | |
| 76 4-Nitroaniline | 138 | 7.327 | 7.313 | 0.014 | 85 | 801985 | 24.0 | 25.1 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.353 | 7.345 | 0.008 | 90 | 1222093 | 48.0 | 55.0 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.417 | 7.412 | 0.005 | 78 | 2427368 | 24.0 | 25.7 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.449 | 7.444 | 0.005 | 50 | 3463533 | 24.0 | 27.2 | |
| 131 Azobenzene | 77 | 7.449 | 7.444 | 0.005 | 96 | 3466573 | 24.0 | 25.8 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.510 | 7.508 | 0.002 | 92 | 730250 | 24.0 | 26.3 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.760 | 7.757 | 0.003 | 93 | 931833 | 24.0 | 26.0 | |
| 84 Hexachlorobenzene | 284 | 7.801 | 7.799 | 0.002 | 95 | 1164911 | 24.0 | 26.2 | |
| 85 Atrazine | 200 | 7.939 | 7.936 | 0.003 | 93 | 217898 | 6.40 | 7.53 | |
| 86 Pentachlorophenol | 266 | 7.997 | 7.994 | 0.003 | 95 | 1498610 | 48.0 | 56.6 | |
| 87 Pentachloronitrobenzene | 237 | 8.009 | 8.007 | 0.002 | 90 | 364116 | 24.0 | 26.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.163 | 8.164 | -0.001 | 99 | 1358687 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.189 | 8.186 | 0.003 | 98 | 4453851 | 24.0 | 24.7 | |
| 90 Anthracene | 178 | 8.237 | 8.234 | 0.003 | 98 | 4574812 | 24.0 | 25.3 | |
| 91 Carbazole | 167 | 8.400 | 8.397 | 0.003 | 96 | 4024532 | 24.0 | 25.5 | |
| 92 Di-n-butyl phthalate | 149 | 8.771 | 8.772 | -0.001 | 99 | 4929629 | 24.0 | 26.3 | |
| 93 Fluoranthene | 202 | 9.312 | 9.312 | 0.000 | 97 | 4143319 | 24.0 | 25.7 | |
| 94 Benzidine | 184 | 9.462 | 9.462 | 0.000 | 99 | 1709237 | 24.0 | 28.5 | M |
| 95 Pyrene | 202 | 9.523 | 9.520 | 0.003 | 96 | 4164725 | 24.0 | 23.4 | |
| 96 Bisphenol-A | 213 | 9.613 | 9.609 | 0.004 | 98 | 1451245 | 24.0 | 28.4 | |
| $ 97 Terphenyl-d14 | 244 | 9.703 | 9.702 | 0.001 | 97 | 3433352 | 24.0 | 24.8 | |
| 98 Butyl benzyl phthalate | 149 | 10.196 | 10.195 | 0.001 | 96 | 1755207 | 24.0 | 26.3 | |
| 100 Carbamazepine | 193 | 10.273 | 10.269 | 0.004 | 94 | 1462977 | 24.0 | 25.5 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.711 | 10.710 | 0.001 | 98 | 1345197 | 24.0 | 26.2 | |
| 102 Benzo[a]anthracene | 228 | 10.714 | 10.713 | 0.001 | 100 | 3459166 | 24.0 | 25.0 | |
| * 103 Chrysene-d12 | 240 | 10.724 | 10.723 | 0.001 | 99 | 861974 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.753 | 10.752 | 0.001 | 97 | 3228645 | 24.0 | 24.2 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.833 | 10.835 | -0.002 | 87 | 2526576 | 24.0 | 26.3 | |
| 106 Di-n-octyl phthalate | 149 | 11.630 | 11.631 | -0.001 | 96 | 4290092 | 24.0 | 28.4 | |
| 107 Benzo[b]fluoranthene | 252 | 12.011 | 12.005 | 0.006 | 98 | 3376473 | 24.0 | 25.8 | |
| 108 Benzo[k]fluoranthene | 252 | 12.046 | 12.041 | 0.005 | 99 | 3498587 | 24.0 | 25.4 | |
| 109 Benzo[a]pyrene | 252 | 12.430 | 12.428 | 0.002 | 96 | 3236856 | 24.0 | 27.5 | |
| * 110 Perylene-d12 | 264 | 12.501 | 12.501 | 0.000 | 98 | 951730 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.960 | 13.951 | 0.009 | 99 | 4422638 | 24.0 | 30.0 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.005 | 13.996 | 0.009 | 96 | 4274544 | 24.0 | 29.2 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.322 | 14.306 | 0.016 | 98 | 4430914 | 24.0 | 29.8 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 49.2 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL9_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:24:48 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348217.D

Injection Date: 28-Feb-2025 06:44:30 Instrument ID: CBNAMS17

Lims ID: STD24

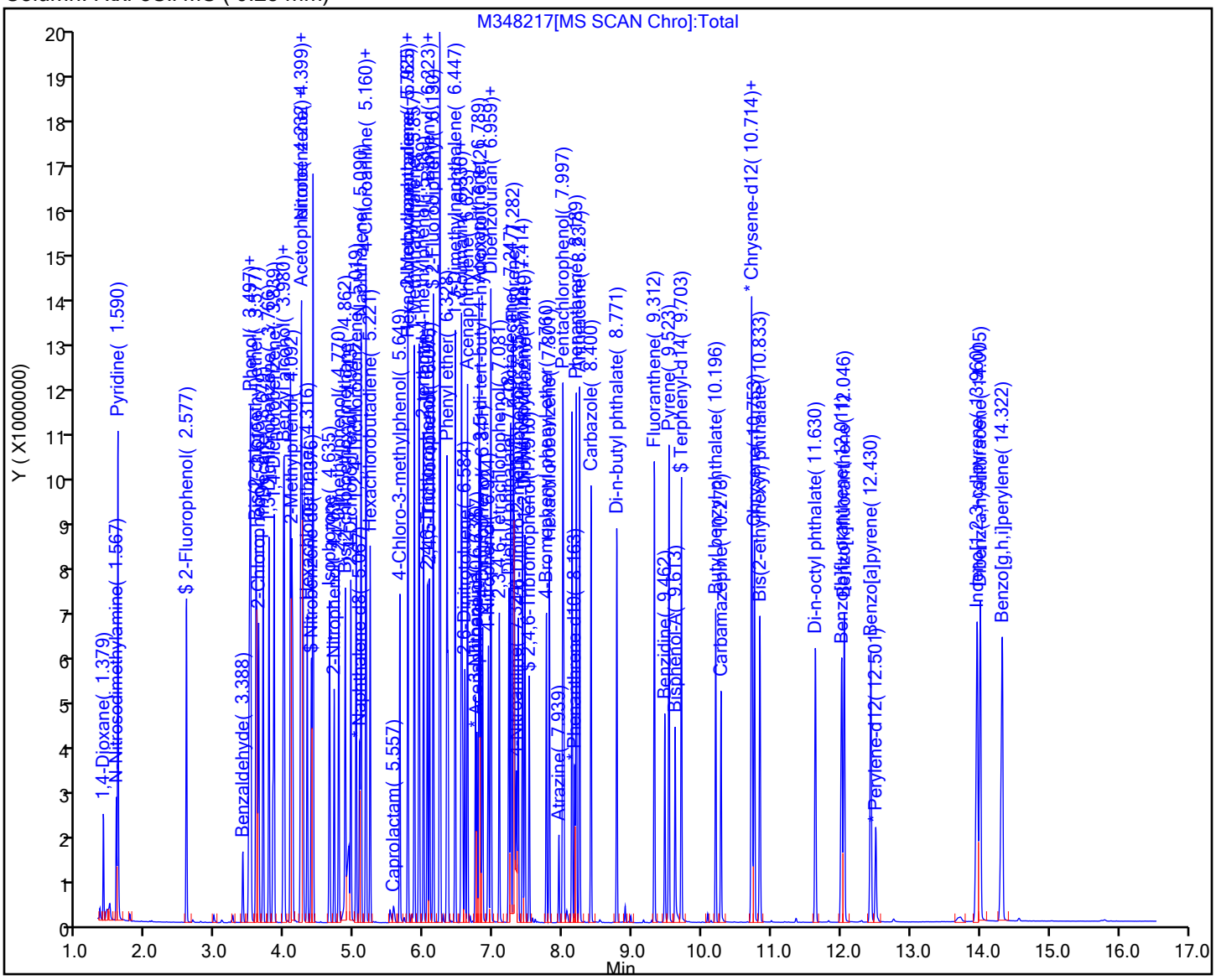
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

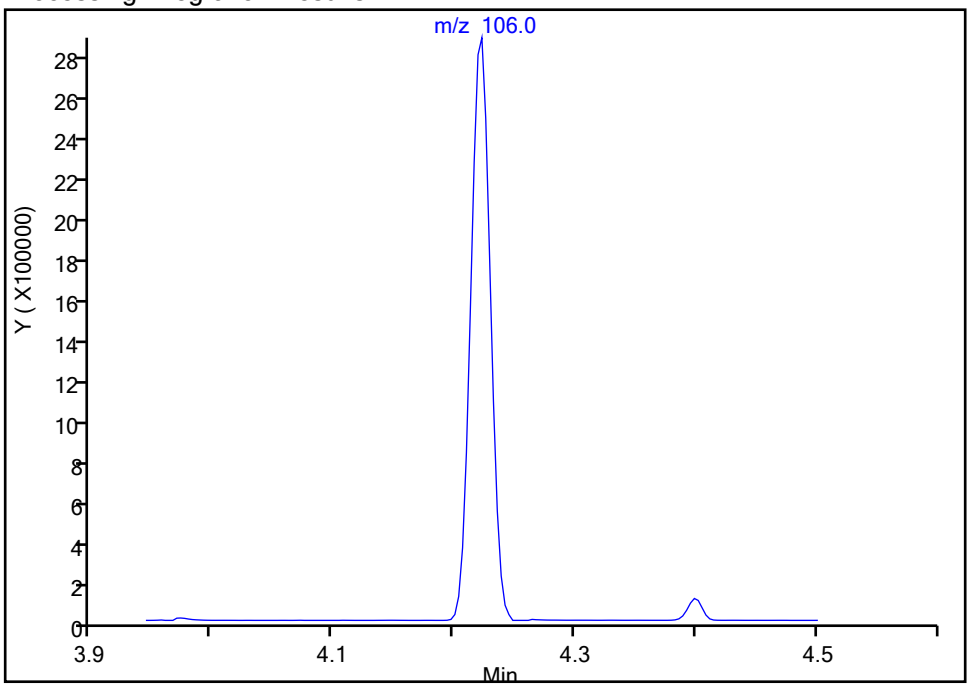
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348217.D
Injection Date: 28-Feb-2025 06:44:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 N-Methylaniline, CAS: 100-61-8

Signal: 1

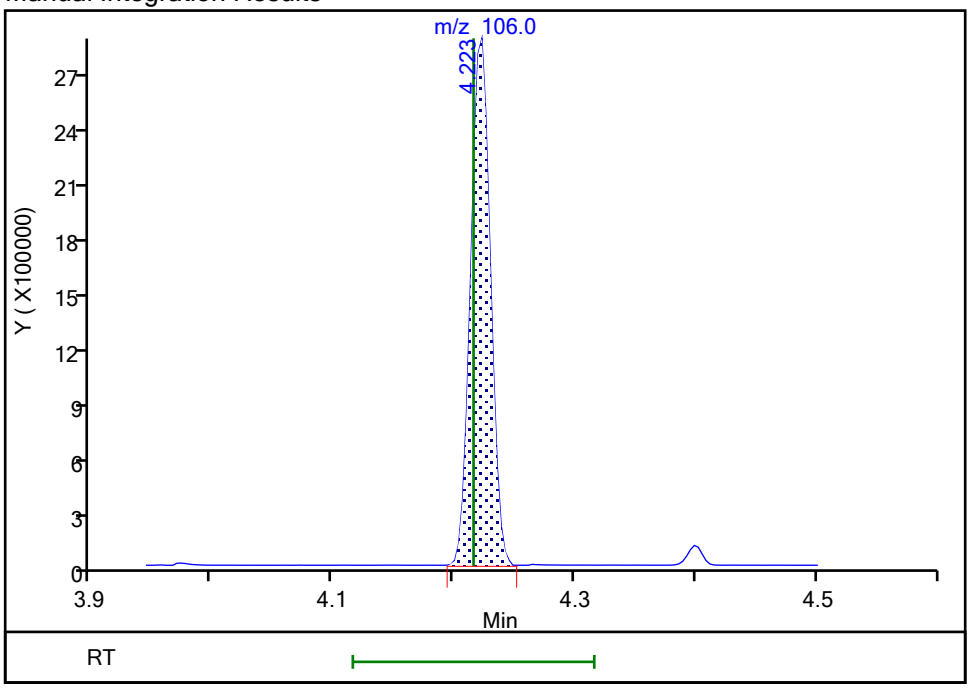
Not Detected
Expected RT: 4.22

Processing Integration Results




Manual Integration Results

RT: 4.22
Area: 3249118
Amount: 27.127961
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 07:05:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

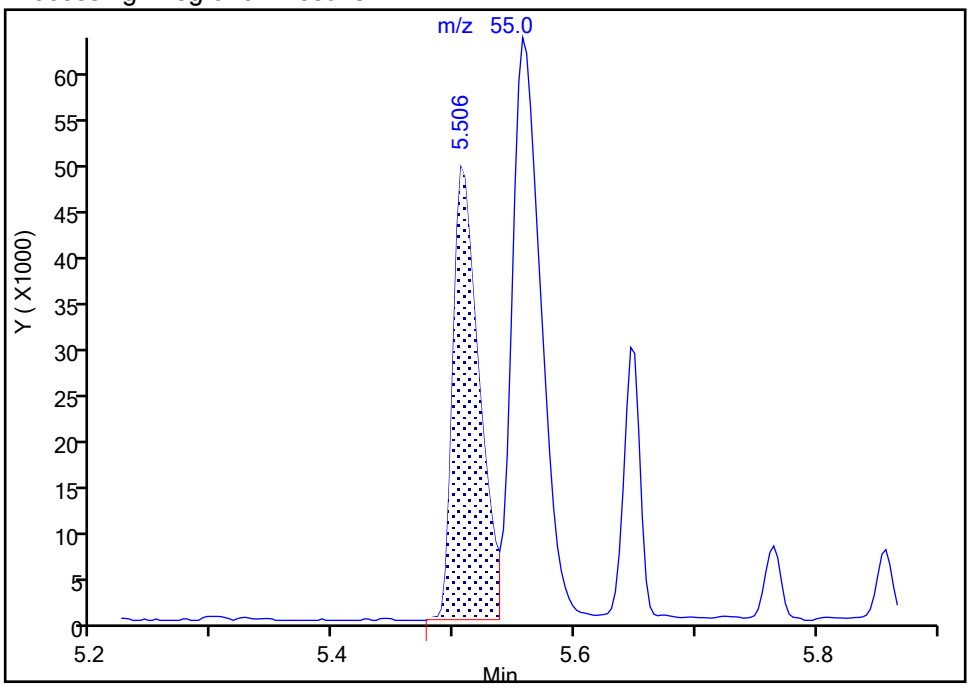
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348217.D
Injection Date: 28-Feb-2025 06:44:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 44 Caprolactam, CAS: 105-60-2

Signal: 1

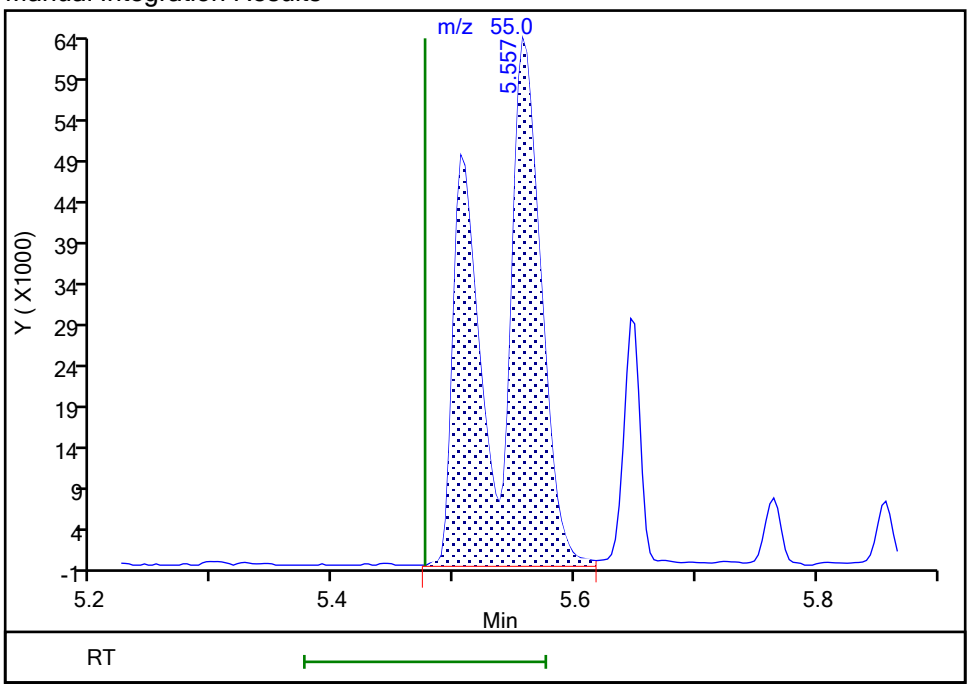
Processing Integration Results

RT: 5.51
Area: 74644
Amount: 6.400000
Amount Units: ug/ml




Manual Integration Results

RT: 5.56
Area: 180015
Amount: 7.119479
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 07:06:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

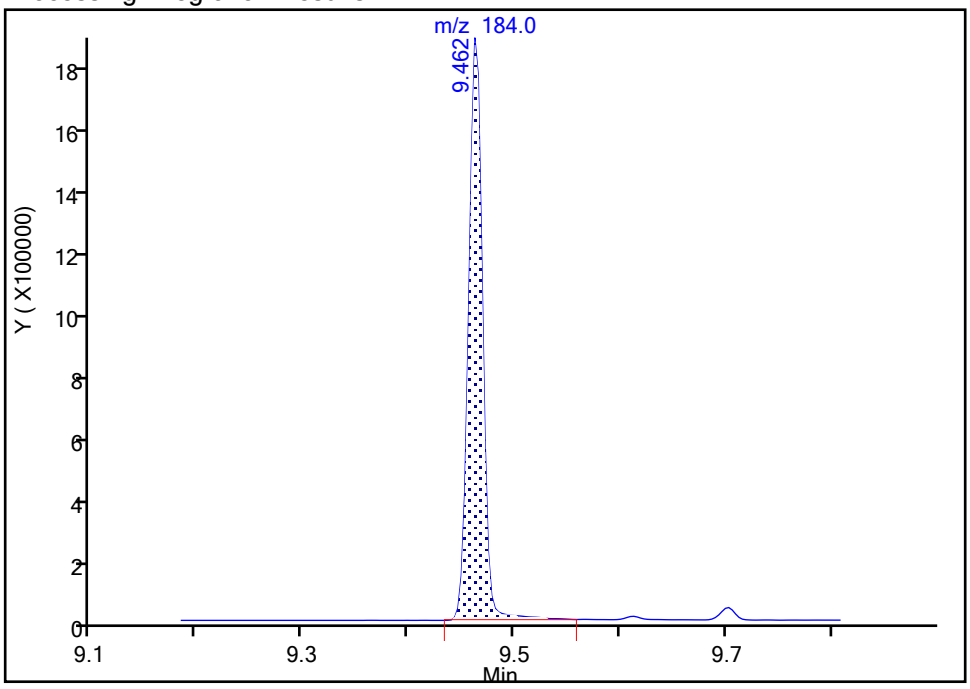
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348217.D
Injection Date: 28-Feb-2025 06:44:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

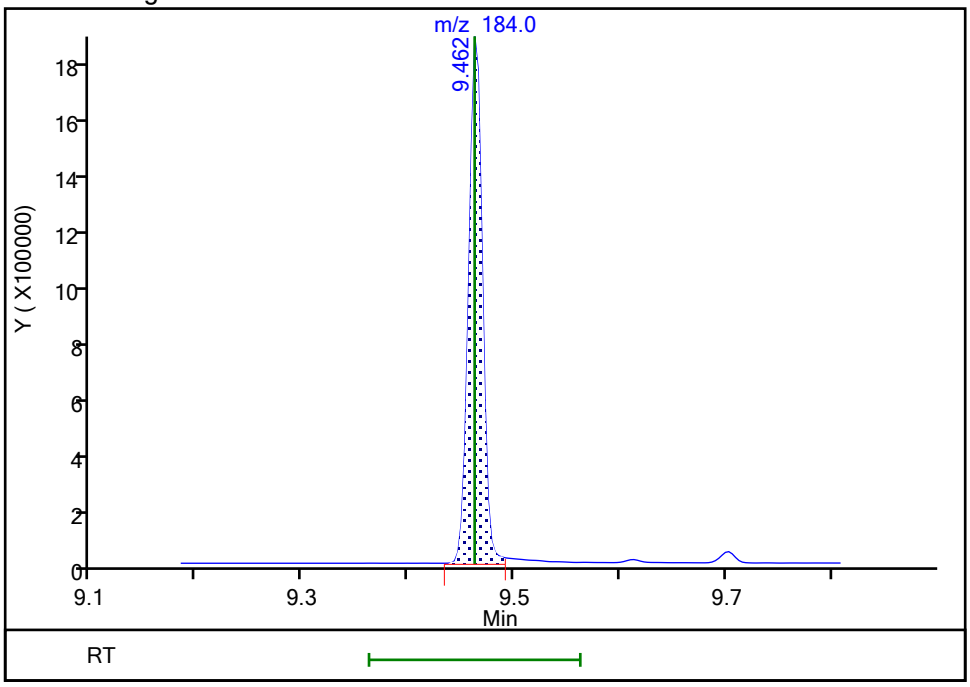
Processing Integration Results

RT: 9.46
Area: 1744709
Amount: 23.761067
Amount Units: ug/ml




Manual Integration Results

RT: 9.46
Area: 1709237
Amount: 28.468217
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:05:49 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348218.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 28-Feb-2025 07:06:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-004
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:24:51 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 07:26:32

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.379 | 1.382 | -0.003 | 91 | 539816 | 16.0 | 15.3 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.564 | 1.564 | 0.000 | 99 | 854283 | 16.0 | 15.5 | |
| | 3 Pyridine | 79 | 1.587 | 1.590 | -0.003 | 98 | 2552263 | 32.0 | 32.7 | |
| $ | 4 2-Fluorophenol | 112 | 2.570 | 2.574 | -0.004 | 97 | 1523517 | 16.0 | 17.3 | |
| | 5 Benzaldehyde | 77 | 3.382 | 3.385 | -0.003 | 96 | 298532 | 4.80 | 4.13 | |
| $ | 6 Phenol-d5 | 99 | 3.471 | 3.471 | 0.000 | 0 | 1996132 | 16.0 | 17.6 | |
| | 7 Phenol | 94 | 3.484 | 3.484 | 0.000 | 96 | 1930720 | 16.0 | 15.7 | |
| | 8 Aniline | 93 | 3.493 | 3.497 | -0.004 | 96 | 2119820 | 16.0 | 16.5 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.567 | 3.567 | 0.000 | 98 | 1385884 | 16.0 | 15.5 | |
| | 10 Benzonitrile | 103 | 3.580 | 3.580 | 0.000 | 97 | 2851728 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.609 | 3.612 | -0.004 | 99 | 1468902 | 16.0 | 15.8 | |
| | 13 n-Decane | 43 | 3.676 | 3.676 | 0.000 | 86 | 1108149 | 16.0 | 15.2 | |
| | 14 1,3-Dichlorobenzene | 146 | 3.759 | 3.762 | -0.003 | 97 | 1595268 | 16.0 | 15.6 | |
| * | 15 1,4-Dichlorobenzene-d4 | 152 | 3.816 | 3.820 | -0.004 | 94 | 531910 | 8.00 | 8.00 | |
| | 16 1,4-Dichlorobenzene | 146 | 3.832 | 3.836 | -0.004 | 95 | 1596965 | 16.0 | 15.6 | |
| | 17 Benzyl alcohol | 108 | 3.967 | 3.967 | 0.000 | 95 | 942316 | 16.0 | 15.9 | |
| | 19 1,2-Dichlorobenzene | 146 | 3.979 | 3.983 | -0.004 | 97 | 1526716 | 16.0 | 15.5 | |
| | 20 2-Methylphenol | 108 | 4.085 | 4.085 | 0.000 | 93 | 1266769 | 16.0 | 15.8 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.101 | 4.101 | 0.000 | 95 | 1507584 | 16.0 | 15.1 | a |
| | 24 N-Methylaniline | 106 | 4.216 | 4.216 | 0.000 | 97 | 2211820 | 16.0 | 17.1 | a |
| | 26 Acetophenone | 105 | 4.226 | 4.226 | 0.000 | 93 | 1995161 | 16.0 | 15.6 | |
| | 25 N-Nitrosodi-n-propylamine | 70 | 4.235 | 4.232 | 0.003 | 86 | 961850 | 16.0 | 15.8 | |
| | 22 4-Methylphenol | 108 | 4.245 | 4.245 | 0.000 | 96 | 1351393 | 16.0 | 15.6 | |
| | 23 3 & 4 Methylphenol | 108 | 4.245 | 4.245 | 0.000 | 0 | 1359442 | 16.0 | 15.6 | |
| | 27 Hexachloroethane | 117 | 4.312 | 4.312 | 0.000 | 97 | 579208 | 16.0 | 15.3 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.370 | 4.370 | 0.000 | 86 | 1616684 | 16.0 | 17.3 | |
| | 29 Nitrobenzene | 123 | 4.389 | 4.389 | 0.000 | 99 | 717500 | 16.0 | 16.2 | |
| | 30 n,n'-Dimethylaniline | 120 | 4.395 | 4.395 | 0.000 | 93 | 2221320 | 16.0 | 16.0 | |
| | 31 Isophorone | 82 | 4.628 | 4.628 | 0.000 | 98 | 2543539 | 16.0 | 16.4 | |
| | 32 2-Nitrophenol | 139 | 4.702 | 4.699 | 0.003 | 97 | 770217 | 16.0 | 16.4 | |
| | 33 2,4-Dimethylphenol | 122 | 4.766 | 4.766 | 0.000 | 92 | 1038468 | 16.0 | 16.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.859 | 4.859 | 0.000 | 97 | 1667462 | 16.0 | 15.9 | |
| 34 Benzoic acid | 122 | 4.894 | 4.871 | 0.023 | 88 | 864035 | 16.0 | 16.8 | |
| 36 2,4-Dichlorophenol | 162 | 4.939 | 4.939 | 0.000 | 97 | 1113622 | 16.0 | 16.0 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.019 | 5.015 | 0.004 | 94 | 1202039 | 16.0 | 15.9 | |
| * 38 Naphthalene-d8 | 136 | 5.067 | 5.067 | 0.000 | 99 | 1965212 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.089 | 5.086 | 0.003 | 99 | 4066386 | 16.0 | 15.6 | |
| 40 4-Chloroaniline | 127 | 5.156 | 5.156 | 0.000 | 98 | 1652419 | 16.0 | 16.6 | |
| 41 2,6-Dichlorophenol | 162 | 5.159 | 5.159 | 0.000 | 98 | 1112057 | 16.0 | 16.0 | |
| 42 Hexachlorobutadiene | 225 | 5.220 | 5.220 | 0.000 | 97 | 633028 | 16.0 | 15.9 | |
| 44 Caprolactam | 55 | 5.492 | 5.476 | 0.016 | 93 | 144310 | 4.80 | 5.35 | M |
| 45 4-Chloro-3-methylphenol | 107 | 5.645 | 5.645 | 0.000 | 95 | 1085386 | 16.0 | 16.0 | |
| 46 2-Methylnaphthalene | 142 | 5.764 | 5.764 | 0.000 | 85 | 2692218 | 16.0 | 15.8 | |
| 47 1-Methylnaphthalene | 142 | 5.857 | 5.856 | 0.001 | 92 | 2436953 | 16.0 | 15.6 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.921 | 5.920 | 0.001 | 97 | 691812 | 16.0 | 16.7 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.927 | 5.927 | 0.000 | 98 | 1147140 | 16.0 | 16.3 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.988 | 5.988 | 0.000 | 92 | 1574388 | 16.0 | 17.0 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.042 | 6.042 | 0.000 | 90 | 756275 | 16.0 | 16.9 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.074 | 6.074 | 0.000 | 98 | 797830 | 16.0 | 16.4 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.129 | 6.128 | 0.001 | 97 | 3149699 | 16.0 | 17.2 | |
| 54 1,1'-Biphenyl | 154 | 6.221 | 6.218 | 0.003 | 96 | 3121160 | 16.0 | 16.4 | |
| 55 2-Chloronaphthalene | 162 | 6.228 | 6.228 | 0.000 | 99 | 2359524 | 16.0 | 15.9 | |
| 56 Phenyl ether | 170 | 6.327 | 6.324 | 0.003 | 86 | 1688669 | 16.0 | 16.1 | |
| 57 2-Nitroaniline | 65 | 6.340 | 6.336 | 0.004 | 94 | 745974 | 16.0 | 16.1 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.442 | 6.442 | 0.000 | 92 | 1930437 | 16.0 | 16.2 | |
| 60 Coumarin | 146 | 6.532 | 6.528 | 0.004 | 81 | 866976 | 16.0 | 15.8 | |
| 59 Dimethyl phthalate | 163 | 6.535 | 6.532 | 0.003 | 98 | 2477054 | 16.0 | 15.8 | |
| 61 2,6-Dinitrotoluene | 165 | 6.583 | 6.580 | 0.003 | 96 | 570108 | 16.0 | 16.6 | |
| 62 Acenaphthylene | 152 | 6.622 | 6.618 | 0.004 | 98 | 3626935 | 16.0 | 16.0 | |
| 63 3-Nitroaniline | 138 | 6.737 | 6.733 | 0.004 | 97 | 660011 | 16.0 | 16.5 | |
| * 64 Acenaphthene-d10 | 164 | 6.756 | 6.756 | 0.000 | 95 | 964390 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.788 | 6.788 | 0.000 | 95 | 2169087 | 16.0 | 15.9 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.810 | 6.810 | 0.000 | 97 | 1635768 | 16.0 | 17.3 | |
| 67 2,4-Dinitrophenol | 184 | 6.836 | 6.832 | 0.004 | 96 | 746243 | 32.0 | 32.2 | |
| 68 4-Nitrophenol | 65 | 6.919 | 6.916 | 0.003 | 89 | 757785 | 32.0 | 33.5 | |
| 70 Dibenzofuran | 168 | 6.955 | 6.954 | 0.001 | 98 | 3242137 | 16.0 | 15.9 | |
| 69 2,4-Dinitrotoluene | 165 | 6.961 | 6.961 | 0.001 | 93 | 742739 | 16.0 | 16.8 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.079 | 7.079 | 0.000 | 95 | 612912 | 16.0 | 16.4 | |
| 72 Diethyl phthalate | 149 | 7.217 | 7.213 | 0.004 | 98 | 2414775 | 16.0 | 15.2 | |
| 73 n-Octadecane | 57 | 7.246 | 7.242 | 0.004 | 88 | 1535825 | 16.0 | 16.3 | |
| 74 Fluorene | 166 | 7.281 | 7.281 | 0.001 | 94 | 2511344 | 16.0 | 15.9 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.297 | 7.297 | 0.000 | 90 | 1106086 | 16.0 | 15.6 | |
| 76 4-Nitroaniline | 138 | 7.320 | 7.313 | 0.007 | 87 | 566825 | 16.0 | 16.2 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.348 | 7.345 | 0.003 | 89 | 853040 | 32.0 | 33.8 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.412 | 7.412 | 0.000 | 70 | 1736862 | 16.0 | 16.2 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.448 | 7.444 | 0.004 | 50 | 2463193 | 16.0 | 17.0 | |
| 131 Azobenzene | 77 | 7.448 | 7.444 | 0.004 | 96 | 2465879 | 16.0 | 16.1 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.508 | 7.508 | 0.000 | 91 | 544696 | 16.0 | 18.0 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.758 | 7.757 | 0.001 | 92 | 662617 | 16.0 | 16.3 | |
| 84 Hexachlorobenzene | 284 | 7.800 | 7.799 | 0.001 | 96 | 791861 | 16.0 | 15.7 | |
| 85 Atrazine | 200 | 7.937 | 7.936 | 0.001 | 93 | 176016 | 4.80 | 5.34 | |
| 86 Pentachlorophenol | 266 | 7.995 | 7.994 | 0.001 | 96 | 1043236 | 32.0 | 34.7 | |
| 87 Pentachloronitrobenzene | 237 | 8.008 | 8.007 | 0.001 | 90 | 255133 | 16.0 | 16.3 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.165 | 8.164 | 0.001 | 99 | 1545414 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.187 | 8.186 | 0.001 | 98 | 3239216 | 16.0 | 15.8 | |
| 90 Anthracene | 178 | 8.235 | 8.234 | 0.001 | 98 | 3338518 | 16.0 | 16.2 | |
| 91 Carbazole | 167 | 8.401 | 8.397 | 0.004 | 96 | 2873649 | 16.0 | 16.0 | |
| 92 Di-n-butyl phthalate | 149 | 8.772 | 8.772 | 0.000 | 99 | 3578983 | 16.0 | 16.8 | |
| 93 Fluoranthene | 202 | 9.313 | 9.312 | 0.001 | 97 | 2937517 | 16.0 | 16.0 | |
| 94 Benzidine | 184 | 9.463 | 9.462 | 0.001 | 99 | 1276045 | 16.0 | 18.7 | M |
| 95 Pyrene | 202 | 9.521 | 9.520 | 0.001 | 96 | 2980668 | 16.0 | 15.7 | |
| 96 Bisphenol-A | 213 | 9.611 | 9.609 | 0.001 | 98 | 979540 | 16.0 | 17.9 | |
| $ 97 Terphenyl-d14 | 244 | 9.700 | 9.702 | -0.002 | 97 | 2495430 | 16.0 | 16.9 | |
| 98 Butyl benzyl phthalate | 149 | 10.193 | 10.195 | -0.002 | 97 | 1206719 | 16.0 | 16.9 | |
| 100 Carbamazepine | 193 | 10.270 | 10.269 | 0.001 | 93 | 935023 | 16.0 | 15.5 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.712 | 10.710 | 0.002 | 99 | 986486 | 16.0 | 18.0 | |
| 102 Benzo[a]anthracene | 228 | 10.712 | 10.713 | -0.001 | 100 | 2403051 | 16.0 | 16.2 | |
| * 103 Chrysene-d12 | 240 | 10.721 | 10.723 | -0.002 | 98 | 921308 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.750 | 10.752 | -0.002 | 98 | 2232745 | 16.0 | 15.6 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.830 | 10.835 | -0.005 | 86 | 1736015 | 16.0 | 16.9 | |
| 106 Di-n-octyl phthalate | 149 | 11.630 | 11.631 | -0.001 | 96 | 2836337 | 16.0 | 18.1 | |
| 107 Benzo[b]fluoranthene | 252 | 12.007 | 12.005 | 0.002 | 98 | 2260295 | 16.0 | 16.7 | |
| 108 Benzo[k]fluoranthene | 252 | 12.043 | 12.041 | 0.002 | 99 | 2331863 | 16.0 | 16.4 | |
| 109 Benzo[a]pyrene | 252 | 12.427 | 12.428 | -0.001 | 95 | 2114077 | 16.0 | 17.3 | |
| * 110 Perylene-d12 | 264 | 12.500 | 12.501 | -0.001 | 98 | 984479 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.953 | 13.951 | 0.002 | 98 | 2653482 | 16.0 | 17.4 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.001 | 13.996 | 0.005 | 96 | 2481138 | 16.0 | 16.4 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.312 | 14.306 | 0.006 | 96 | 2590008 | 16.0 | 16.8 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 31.4 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL8_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:24:53 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348218.D

Injection Date: 28-Feb-2025 07:06:30 Instrument ID: CBNAMS17

Lims ID: STD16

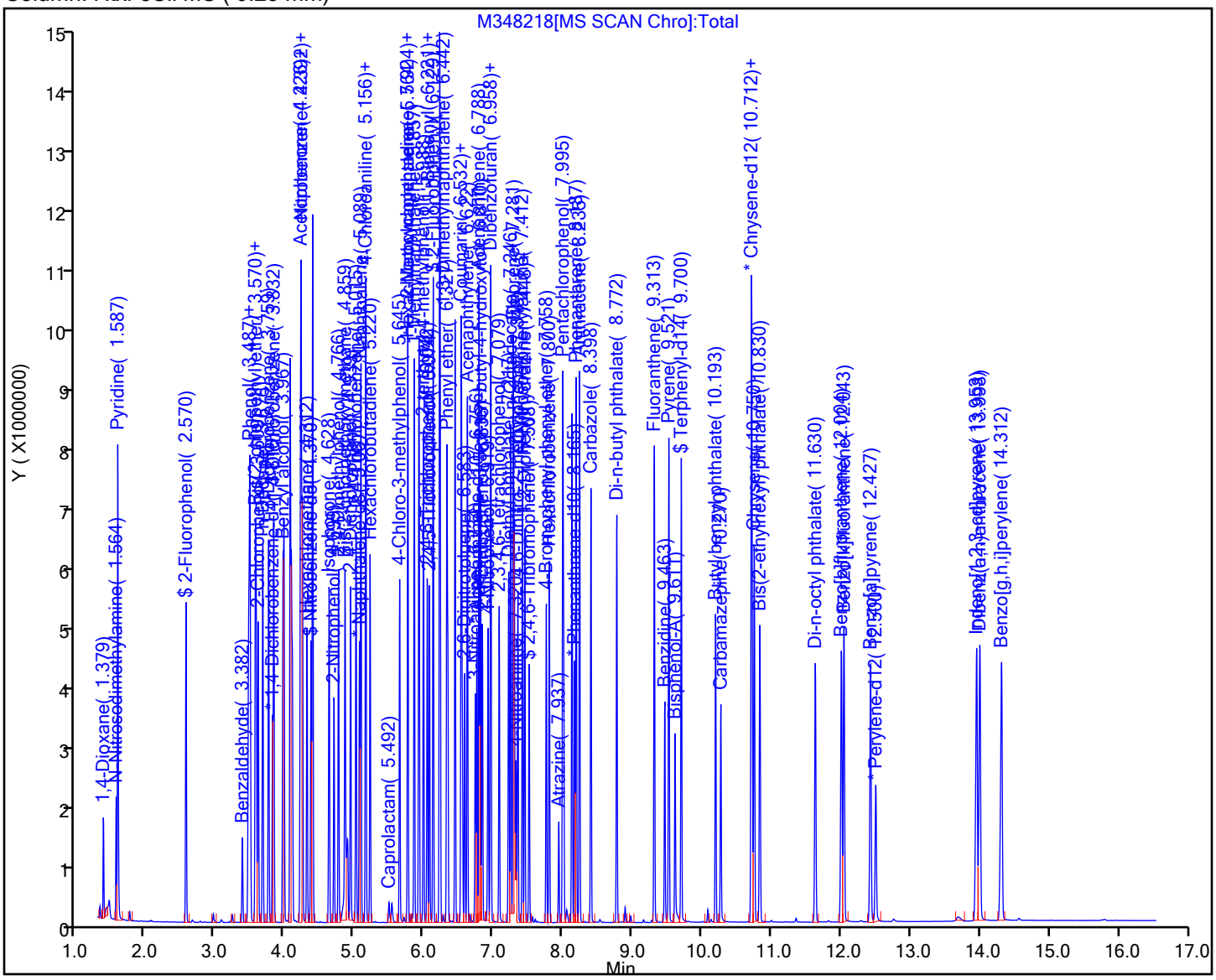
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

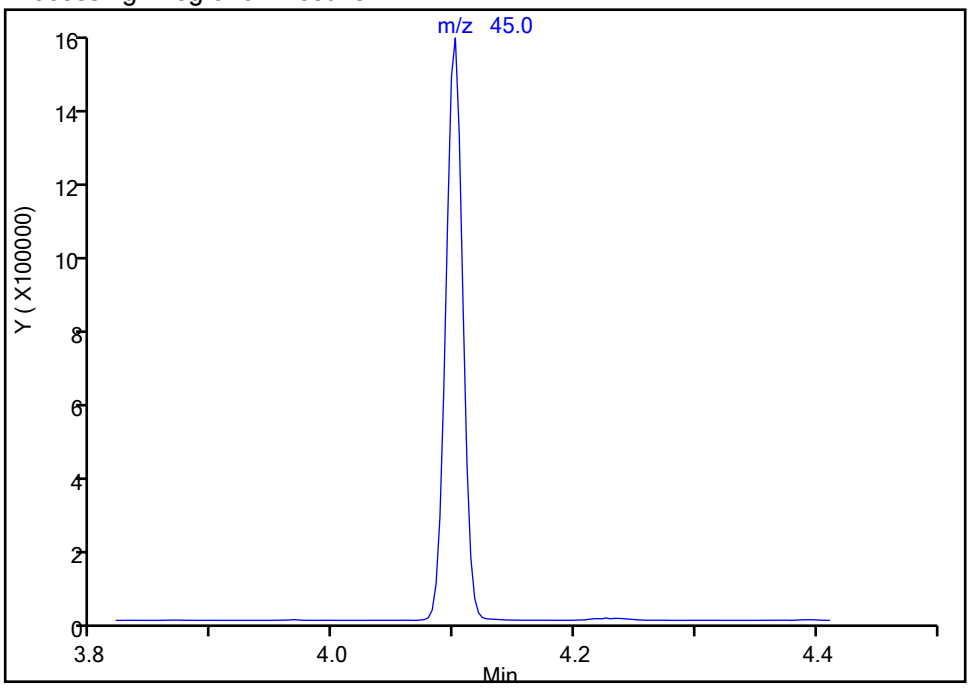
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348218.D
Injection Date: 28-Feb-2025 07:06:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 21 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

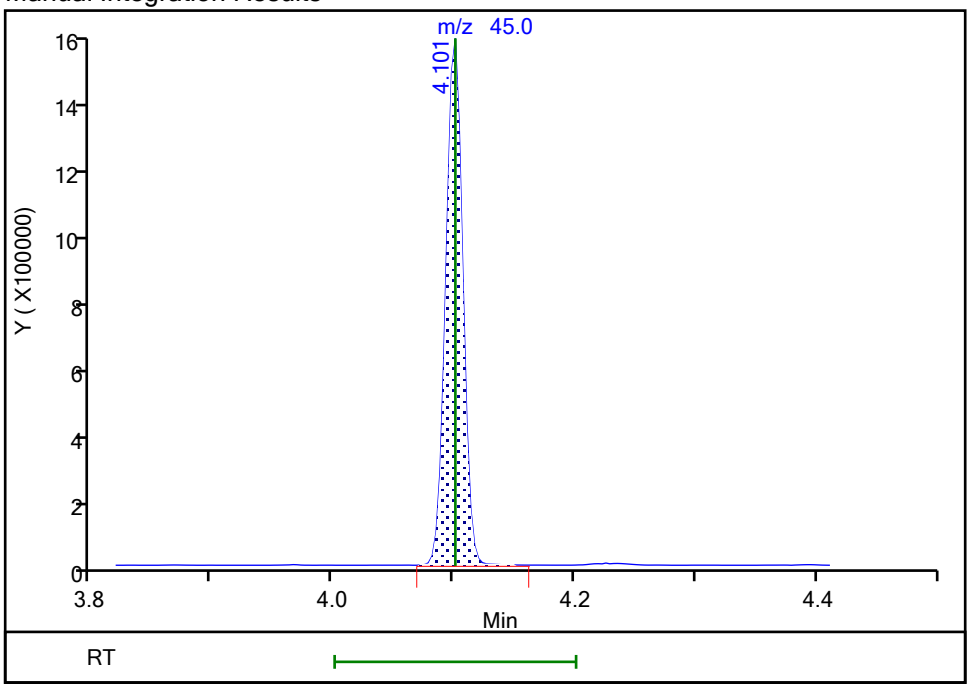
Not Detected
Expected RT: 4.10

Processing Integration Results




Manual Integration Results

RT: 4.10
Area: 1507584
Amount: 15.116594
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 07:25:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

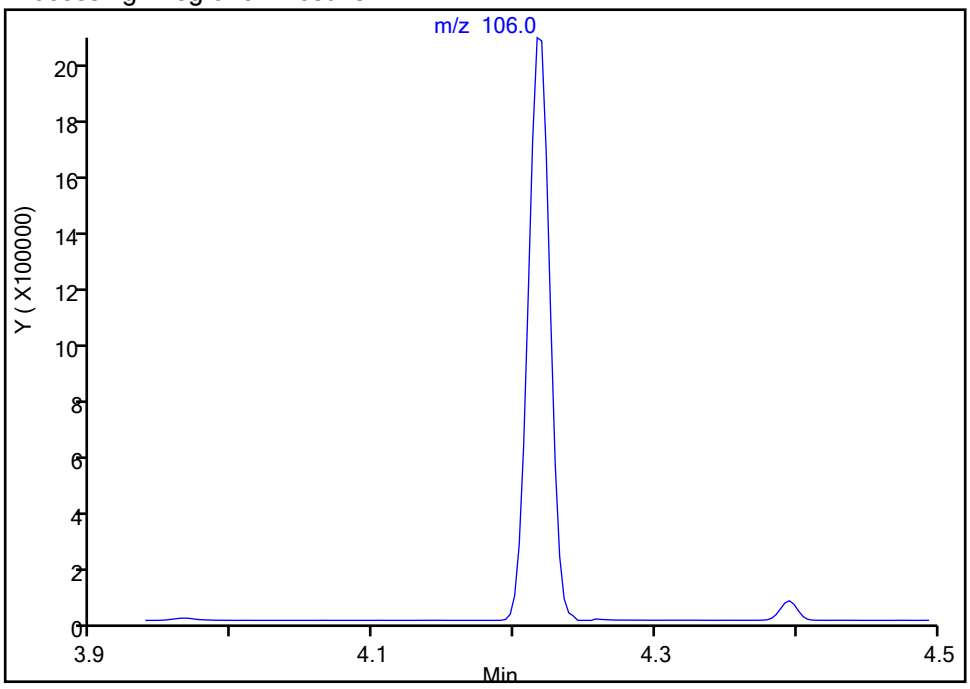
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348218.D
Injection Date: 28-Feb-2025 07:06:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 N-Methylaniline, CAS: 100-61-8

Signal: 1

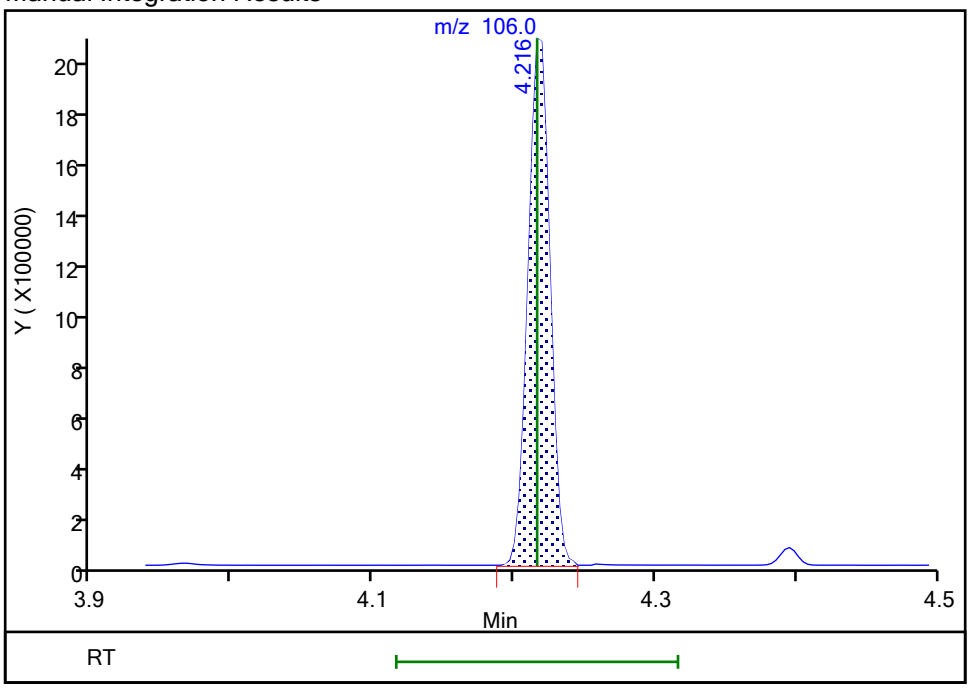
Not Detected
Expected RT: 4.22

Processing Integration Results




Manual Integration Results

RT: 4.22
Area: 2211820
Amount: 17.075483
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 07:25:46 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

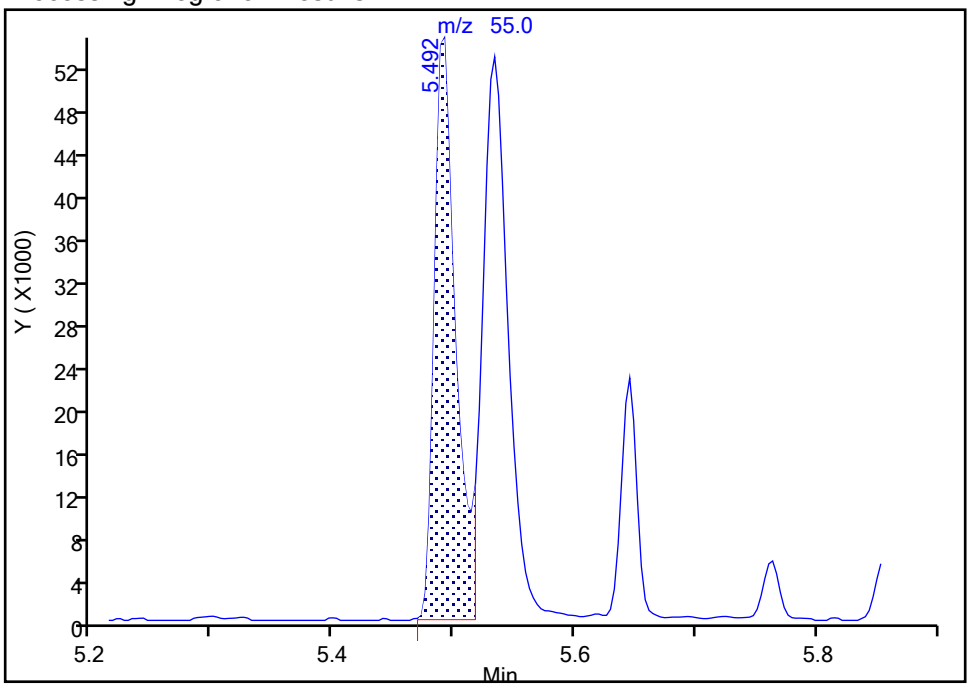
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348218.D
Injection Date: 28-Feb-2025 07:06:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 44 Caprolactam, CAS: 105-60-2

Signal: 1

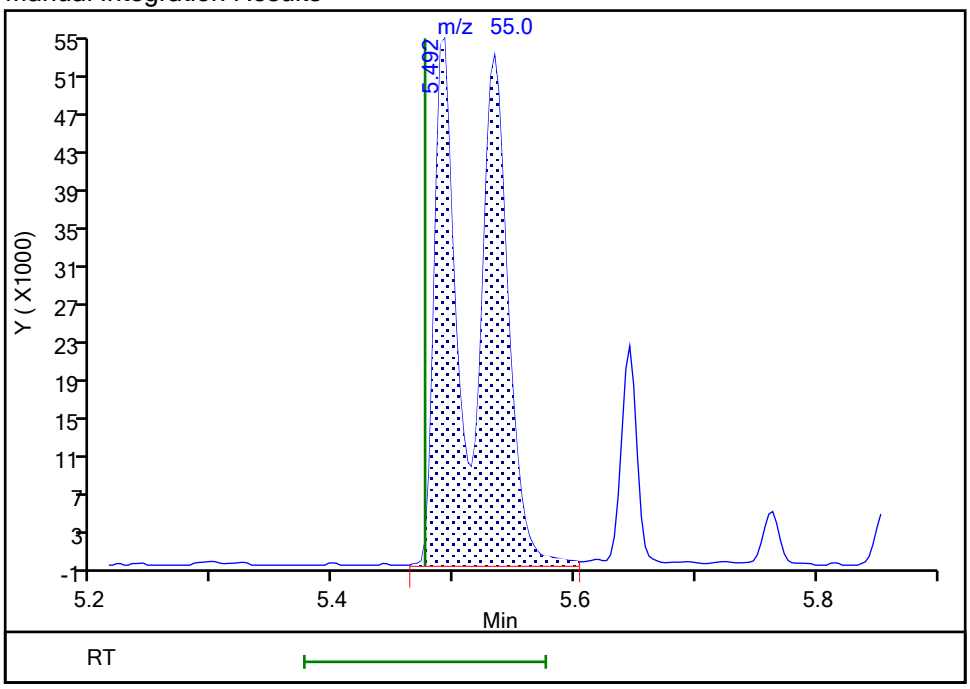
Processing Integration Results

RT: 5.49
Area: 68057
Amount: 2.731471
Amount Units: ug/ml




Manual Integration Results

RT: 5.49
Area: 144310
Amount: 5.353771
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 07:25:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

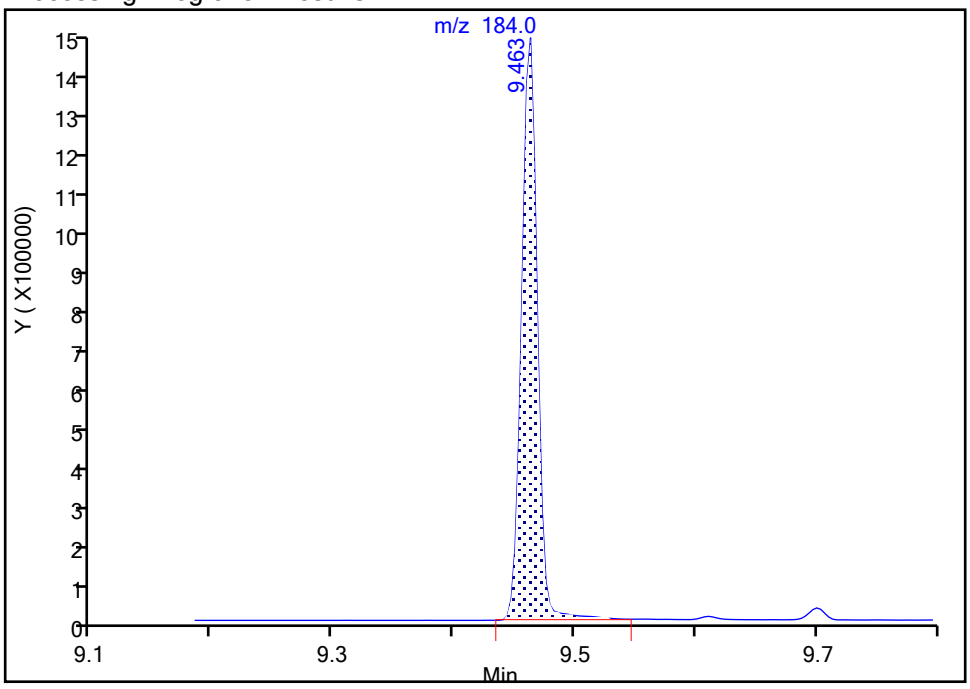
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348218.D
Injection Date: 28-Feb-2025 07:06:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

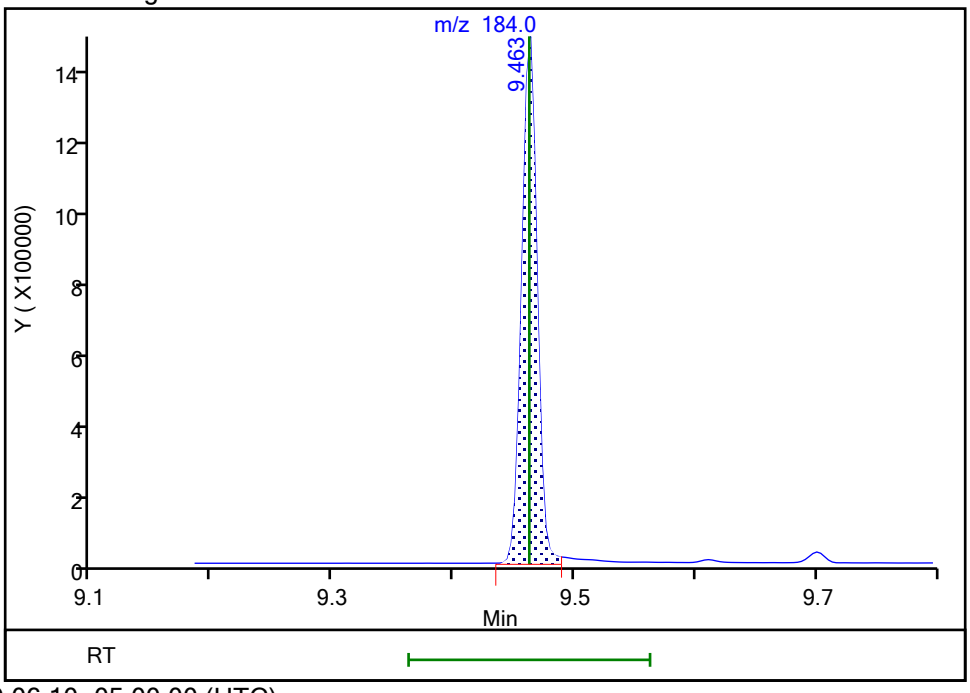
Processing Integration Results

RT: 9.46
Area: 1302888
Amount: 19.240575
Amount Units: ug/ml




Manual Integration Results

RT: 9.46
Area: 1276045
Amount: 18.685235
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:06:10 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348219.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 28-Feb-2025 07:27:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-005
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:24:57 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 07:49:30

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.382 | 1.382 | 0.000 | 89 | 132837 | 4.00 | 4.08 | |
| 2 N-Nitrosodimethylamine | 74 | 1.564 | 1.564 | 0.000 | 99 | 200718 | 4.00 | 3.94 | |
| 3 Pyridine | 79 | 1.590 | 1.590 | 0.000 | 98 | 604719 | 8.00 | 8.39 | |
| $ 4 2-Fluorophenol | 112 | 2.573 | 2.574 | -0.001 | 97 | 326562 | 4.00 | 4.00 | |
| 5 Benzaldehyde | 77 | 3.385 | 3.385 | 0.000 | 97 | 220978 | 3.20 | 3.31 | |
| $ 6 Phenol-d5 | 99 | 3.468 | 3.471 | -0.003 | 0 | 431191 | 4.00 | 4.10 | |
| 7 Phenol | 94 | 3.481 | 3.484 | -0.003 | 96 | 460242 | 4.00 | 4.05 | |
| 8 Aniline | 93 | 3.493 | 3.497 | -0.004 | 98 | 502261 | 4.00 | 4.23 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.564 | 3.567 | -0.003 | 98 | 332211 | 4.00 | 4.01 | |
| 10 Benzonitrile | 103 | 3.573 | 3.580 | -0.007 | 97 | 665755 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.608 | 3.612 | -0.004 | 98 | 344424 | 4.00 | 4.00 | |
| 13 n-Decane | 43 | 3.676 | 3.676 | 0.000 | 86 | 270991 | 4.00 | 4.03 | |
| 14 1,3-Dichlorobenzene | 146 | 3.759 | 3.762 | -0.003 | 97 | 382208 | 4.00 | 4.05 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.819 | 3.820 | -0.001 | 94 | 491724 | 8.00 | 8.00 | |
| 16 1,4-Dichlorobenzene | 146 | 3.835 | 3.836 | -0.001 | 95 | 379917 | 4.00 | 4.02 | |
| 17 Benzyl alcohol | 108 | 3.963 | 3.967 | -0.004 | 95 | 221056 | 4.00 | 4.04 | |
| 19 1,2-Dichlorobenzene | 146 | 3.982 | 3.983 | -0.001 | 97 | 371391 | 4.00 | 4.08 | |
| 20 2-Methylphenol | 108 | 4.081 | 4.085 | -0.004 | 92 | 300629 | 4.00 | 4.06 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.101 | 4.101 | 0.000 | 96 | 372175 | 4.00 | 4.04 | a |
| 24 N-Methylaniline | 106 | 4.216 | 4.216 | 0.000 | 98 | 505371 | 4.00 | 4.22 | |
| 26 Acetophenone | 105 | 4.222 | 4.226 | -0.004 | 94 | 487523 | 4.00 | 4.12 | |
| 25 N-Nitrosodi-n-propylamine | 70 | 4.228 | 4.232 | -0.004 | 79 | 236855 | 4.00 | 4.21 | |
| 22 4-Methylphenol | 108 | 4.238 | 4.245 | -0.007 | 97 | 323188 | 4.00 | 4.04 | |
| 23 3 & 4 Methylphenol | 108 | 4.238 | 4.245 | -0.007 | 0 | 326569 | 4.00 | 4.06 | |
| 27 Hexachloroethane | 117 | 4.312 | 4.312 | 0.000 | 97 | 142448 | 4.00 | 4.06 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.366 | 4.370 | -0.004 | 84 | 362838 | 4.00 | 4.04 | |
| 29 Nitrobenzene | 123 | 4.385 | 4.389 | -0.004 | 99 | 176567 | 4.00 | 4.32 | |
| 30 n,n'-Dimethylaniline | 120 | 4.392 | 4.395 | -0.003 | 94 | 528183 | 4.00 | 4.13 | |
| 31 Isophorone | 82 | 4.625 | 4.628 | -0.003 | 98 | 611918 | 4.00 | 4.09 | |
| 32 2-Nitrophenol | 139 | 4.698 | 4.699 | -0.001 | 97 | 185940 | 4.00 | 4.12 | |
| 33 2,4-Dimethylphenol | 122 | 4.762 | 4.766 | -0.004 | 92 | 240899 | 4.00 | 3.95 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.855 | 4.859 | -0.004 | 97 | 406650 | 4.00 | 4.02 | |
| 34 Benzoic acid | 122 | 4.842 | 4.871 | -0.029 | 85 | 165170 | 4.00 | 3.74 | |
| 36 2,4-Dichlorophenol | 162 | 4.935 | 4.939 | -0.004 | 98 | 271086 | 4.00 | 4.06 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.015 | 5.015 | 0.000 | 94 | 294369 | 4.00 | 4.06 | |
| * 38 Naphthalene-d8 | 136 | 5.066 | 5.067 | -0.001 | 99 | 1889189 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.085 | 5.086 | -0.001 | 99 | 1006243 | 4.00 | 4.01 | |
| 40 4-Chloroaniline | 127 | 5.152 | 5.156 | -0.004 | 98 | 402545 | 4.00 | 4.22 | |
| 41 2,6-Dichlorophenol | 162 | 5.155 | 5.159 | -0.004 | 98 | 266122 | 4.00 | 3.99 | |
| 42 Hexachlorobutadiene | 225 | 5.219 | 5.220 | -0.001 | 96 | 149809 | 4.00 | 3.90 | |
| 44 Caprolactam | 55 | 5.465 | 5.476 | -0.011 | 92 | 88920 | 3.20 | 3.43 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.641 | 5.645 | -0.004 | 96 | 266181 | 4.00 | 4.08 | |
| 46 2-Methylnaphthalene | 142 | 5.759 | 5.764 | -0.005 | 85 | 659511 | 4.00 | 4.01 | |
| 47 1-Methylnaphthalene | 142 | 5.852 | 5.856 | -0.004 | 92 | 609329 | 4.00 | 4.05 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.916 | 5.920 | -0.004 | 97 | 169304 | 4.00 | 4.10 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.922 | 5.927 | -0.005 | 97 | 277967 | 4.00 | 3.98 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.986 | 5.988 | -0.002 | 91 | 367142 | 4.00 | 4.12 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.041 | 6.042 | -0.001 | 90 | 185588 | 4.00 | 4.17 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.073 | 6.074 | -0.001 | 98 | 196565 | 4.00 | 4.07 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.124 | 6.128 | -0.004 | 97 | 719307 | 4.00 | 3.95 | |
| 54 1,1'-Biphenyl | 154 | 6.217 | 6.218 | -0.001 | 96 | 767616 | 4.00 | 4.05 | |
| 55 2-Chloronaphthalene | 162 | 6.223 | 6.228 | -0.005 | 99 | 592054 | 4.00 | 4.02 | |
| 56 Phenyl ether | 170 | 6.322 | 6.324 | -0.002 | 87 | 414640 | 4.00 | 3.99 | |
| 57 2-Nitroaniline | 65 | 6.332 | 6.336 | -0.004 | 96 | 189517 | 4.00 | 4.11 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.441 | 6.442 | -0.001 | 92 | 466411 | 4.00 | 3.94 | |
| 60 Coumarin | 146 | 6.524 | 6.528 | -0.004 | 82 | 218385 | 4.00 | 4.14 | |
| 59 Dimethyl phthalate | 163 | 6.527 | 6.532 | -0.005 | 98 | 627442 | 4.00 | 4.02 | |
| 61 2,6-Dinitrotoluene | 165 | 6.575 | 6.580 | -0.005 | 96 | 147319 | 4.00 | 4.31 | |
| 62 Acenaphthylene | 152 | 6.616 | 6.618 | -0.002 | 97 | 895813 | 4.00 | 3.98 | |
| 63 3-Nitroaniline | 138 | 6.728 | 6.733 | -0.005 | 97 | 162893 | 4.00 | 4.10 | |
| * 64 Acenaphthene-d10 | 164 | 6.754 | 6.756 | -0.002 | 96 | 958958 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.786 | 6.788 | -0.002 | 95 | 545047 | 4.00 | 4.01 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.805 | 6.810 | -0.005 | 97 | 334410 | 4.00 | 3.55 | |
| 67 2,4-Dinitrophenol | 184 | 6.831 | 6.832 | -0.001 | 96 | 172532 | 8.00 | 8.39 | |
| 68 4-Nitrophenol | 65 | 6.908 | 6.916 | -0.008 | 87 | 186047 | 8.00 | 8.26 | |
| 70 Dibenzofuran | 168 | 6.952 | 6.954 | -0.002 | 97 | 824196 | 4.00 | 4.06 | |
| 69 2,4-Dinitrotoluene | 165 | 6.956 | 6.961 | -0.004 | 95 | 186191 | 4.00 | 4.24 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.077 | 7.079 | -0.002 | 94 | 151819 | 4.00 | 4.09 | |
| 72 Diethyl phthalate | 149 | 7.208 | 7.213 | -0.005 | 98 | 607512 | 4.00 | 3.86 | |
| 73 n-Octadecane | 57 | 7.240 | 7.242 | -0.002 | 89 | 381163 | 4.00 | 3.85 | |
| 74 Fluorene | 166 | 7.275 | 7.281 | -0.005 | 93 | 641260 | 4.00 | 4.08 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.295 | 7.297 | -0.002 | 90 | 286320 | 4.00 | 4.07 | |
| 76 4-Nitroaniline | 138 | 7.304 | 7.313 | -0.009 | 90 | 147341 | 4.00 | 4.24 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.339 | 7.345 | -0.006 | 89 | 219636 | 8.00 | 8.24 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.407 | 7.412 | -0.005 | 70 | 449719 | 4.00 | 3.97 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.442 | 7.444 | -0.002 | 50 | 643082 | 4.00 | 4.21 | |
| 131 Azobenzene | 77 | 7.442 | 7.444 | -0.002 | 96 | 643082 | 4.00 | 3.99 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.506 | 7.508 | -0.002 | 92 | 122554 | 4.00 | 4.06 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.755 | 7.757 | -0.002 | 92 | 170613 | 4.00 | 3.97 | |
| 84 Hexachlorobenzene | 284 | 7.797 | 7.799 | -0.002 | 96 | 211112 | 4.00 | 3.96 | |
| 85 Atrazine | 200 | 7.934 | 7.936 | -0.002 | 93 | 116463 | 3.20 | 3.35 | |
| 86 Pentachlorophenol | 266 | 7.992 | 7.994 | -0.002 | 95 | 252381 | 8.00 | 7.95 | |
| 87 Pentachloronitrobenzene | 237 | 8.001 | 8.007 | -0.006 | 90 | 66639 | 4.00 | 4.03 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.161 | 8.164 | -0.003 | 99 | 1630092 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.184 | 8.186 | -0.002 | 98 | 865366 | 4.00 | 4.00 | |
| 90 Anthracene | 178 | 8.232 | 8.234 | -0.002 | 98 | 881528 | 4.00 | 4.06 | |
| 91 Carbazole | 167 | 8.395 | 8.397 | -0.002 | 96 | 772358 | 4.00 | 4.08 | |
| 92 Di-n-butyl phthalate | 149 | 8.769 | 8.772 | -0.003 | 99 | 908529 | 4.00 | 4.04 | |
| 93 Fluoranthene | 202 | 9.309 | 9.312 | -0.003 | 97 | 806886 | 4.00 | 4.18 | |
| 94 Benzidine | 184 | 9.459 | 9.462 | -0.003 | 99 | 327856 | 4.00 | 4.55 | M |
| 95 Pyrene | 202 | 9.516 | 9.520 | -0.004 | 96 | 805948 | 4.00 | 4.11 | |
| 96 Bisphenol-A | 213 | 9.609 | 9.609 | 0.000 | 98 | 225345 | 4.00 | 4.00 | |
| $ 97 Terphenyl-d14 | 244 | 9.699 | 9.702 | -0.003 | 97 | 611669 | 4.00 | 4.01 | |
| 98 Butyl benzyl phthalate | 149 | 10.191 | 10.195 | -0.004 | 97 | 304715 | 4.00 | 4.15 | |
| 100 Carbamazepine | 193 | 10.262 | 10.269 | -0.007 | 92 | 193984 | 4.00 | 3.67 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.706 | 10.710 | -0.004 | 97 | 218666 | 4.00 | 3.95 | |
| 102 Benzo[a]anthracene | 228 | 10.709 | 10.713 | -0.004 | 99 | 613932 | 4.00 | 4.02 | |
| * 103 Chrysene-d12 | 240 | 10.719 | 10.723 | -0.004 | 98 | 950383 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.745 | 10.752 | -0.008 | 98 | 591509 | 4.00 | 4.01 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.831 | 10.835 | -0.004 | 86 | 410373 | 4.00 | 3.96 | |
| 106 Di-n-octyl phthalate | 149 | 11.627 | 11.631 | -0.004 | 96 | 600377 | 4.00 | 4.04 | |
| 107 Benzo[b]fluoranthene | 252 | 11.998 | 12.005 | -0.007 | 98 | 539915 | 4.00 | 4.19 | |
| 108 Benzo[k]fluoranthene | 252 | 12.033 | 12.041 | -0.008 | 99 | 565464 | 4.00 | 4.18 | |
| 109 Benzo[a]pyrene | 252 | 12.417 | 12.428 | -0.011 | 97 | 486537 | 4.00 | 4.20 | |
| * 110 Perylene-d12 | 264 | 12.497 | 12.501 | -0.004 | 98 | 935369 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.939 | 13.951 | -0.012 | 97 | 578355 | 4.00 | 4.00 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.987 | 13.996 | -0.009 | 96 | 570436 | 4.00 | 3.96 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.294 | 14.306 | -0.012 | 95 | 571028 | 4.00 | 3.90 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 8.11 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL6_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:24:58 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348219.D

Injection Date: 28-Feb-2025 07:27:30 Instrument ID: CBNAMS17

Lims ID: STD4

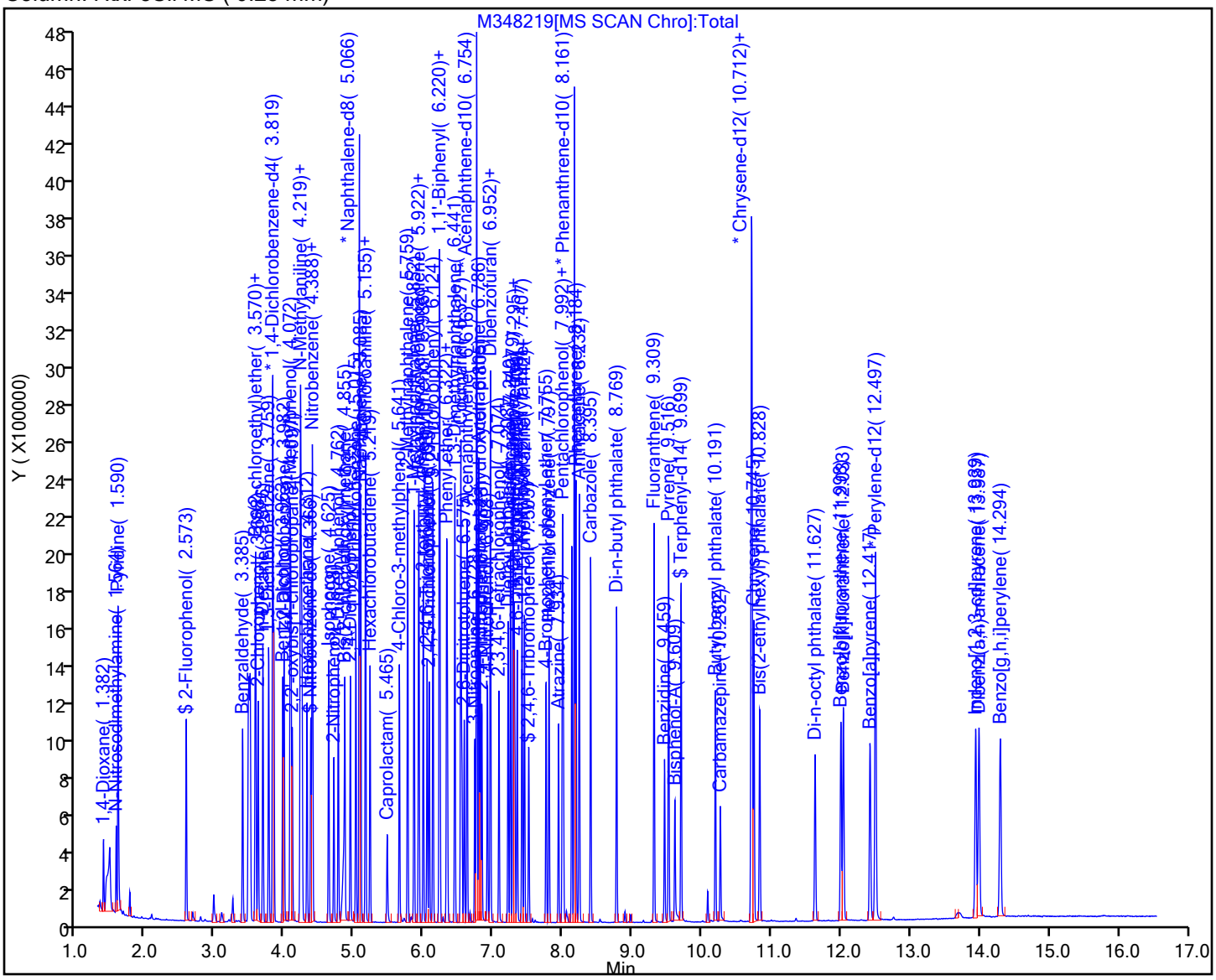
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

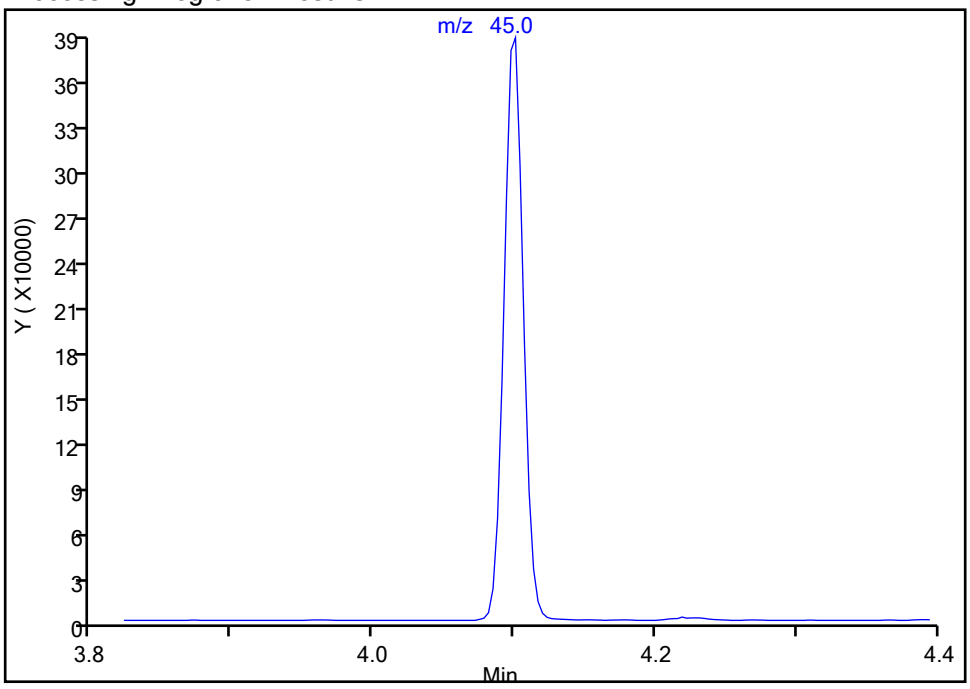
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348219.D
Injection Date: 28-Feb-2025 07:27:30 Instrument ID: CBNAMS17
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 21 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

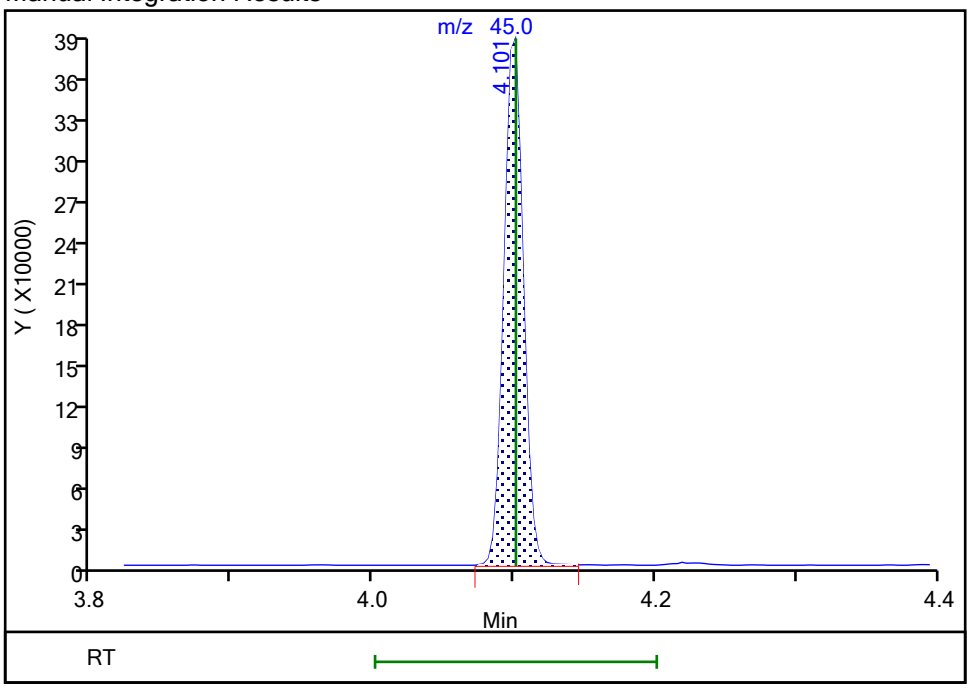
Not Detected
Expected RT: 4.10

Processing Integration Results




Manual Integration Results

RT: 4.10
Area: 372175
Amount: 4.036792
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 07:49:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

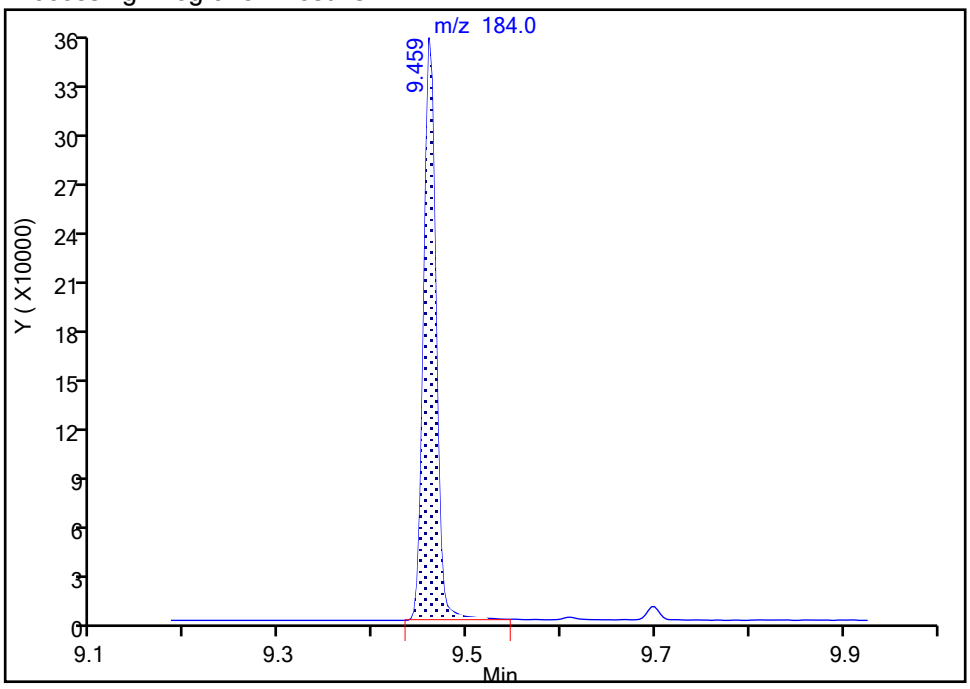
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348219.D
Injection Date: 28-Feb-2025 07:27:30 Instrument ID: CBNAMS17
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

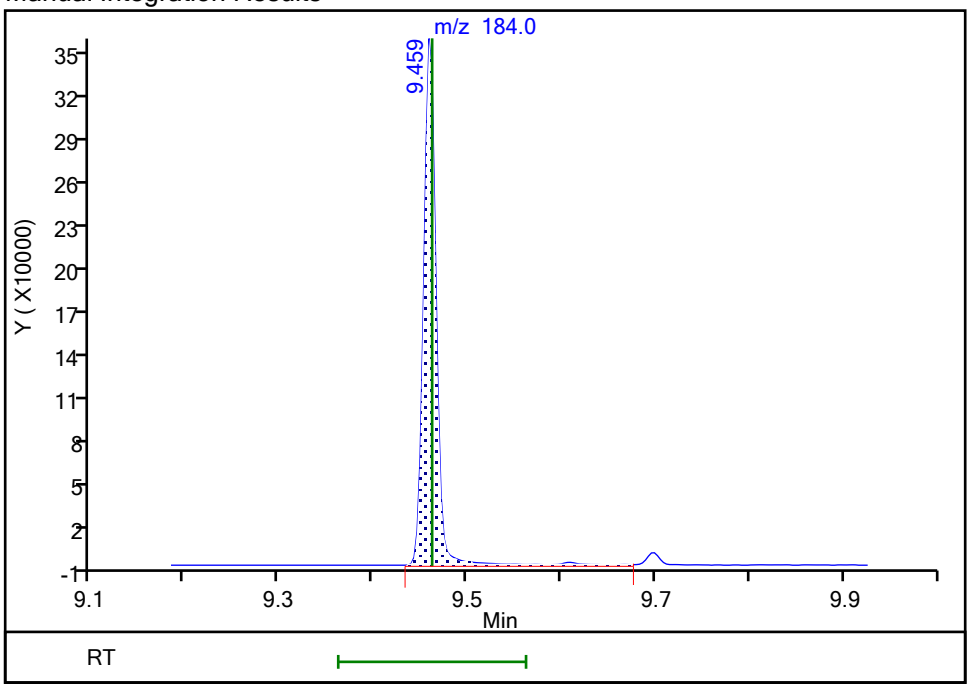
Processing Integration Results

RT: 9.46
Area: 322590
Amount: 4.866807
Amount Units: ug/ml




Manual Integration Results

RT: 9.46
Area: 327856
Amount: 4.551436
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:06:35 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348220.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Feb-2025 07:47:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-006
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:25:02 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 08:09:11

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.385 | 1.382 | 0.003 | 91 | 65485 | 2.00 | 1.96 | |
| 2 N-Nitrosodimethylamine | 74 | 1.567 | 1.564 | 0.003 | 100 | 101024 | 2.00 | 1.93 | |
| 3 Pyridine | 79 | 1.596 | 1.590 | 0.006 | 98 | 306556 | 4.00 | 4.14 | |
| $ 4 2-Fluorophenol | 112 | 2.573 | 2.574 | -0.001 | 97 | 161594 | 2.00 | 1.92 | |
| 5 Benzaldehyde | 77 | 3.385 | 3.385 | 0.000 | 96 | 141062 | 2.00 | 2.05 | |
| $ 6 Phenol-d5 | 99 | 3.464 | 3.471 | -0.007 | 0 | 219369 | 2.00 | 2.03 | |
| 7 Phenol | 94 | 3.477 | 3.484 | -0.007 | 96 | 223362 | 2.00 | 1.91 | |
| 8 Aniline | 93 | 3.493 | 3.497 | -0.004 | 98 | 251321 | 2.00 | 2.06 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.563 | 3.567 | -0.004 | 98 | 171209 | 2.00 | 2.01 | |
| 10 Benzonitrile | 103 | 3.570 | 3.580 | -0.010 | 97 | 340332 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.608 | 3.612 | -0.004 | 98 | 171792 | 2.00 | 1.94 | |
| 13 n-Decane | 43 | 3.675 | 3.676 | -0.001 | 86 | 135402 | 2.00 | 1.96 | |
| 14 1,3-Dichlorobenzene | 146 | 3.758 | 3.762 | -0.004 | 97 | 189731 | 2.00 | 1.96 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.819 | 3.820 | -0.001 | 95 | 505797 | 8.00 | 8.00 | |
| 16 1,4-Dichlorobenzene | 146 | 3.835 | 3.836 | -0.001 | 96 | 192138 | 2.00 | 1.98 | |
| 17 Benzyl alcohol | 108 | 3.963 | 3.967 | -0.004 | 95 | 109534 | 2.00 | 1.95 | |
| 19 1,2-Dichlorobenzene | 146 | 3.982 | 3.983 | -0.001 | 97 | 186904 | 2.00 | 1.99 | |
| 20 2-Methylphenol | 108 | 4.081 | 4.085 | -0.004 | 92 | 148555 | 2.00 | 1.95 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.100 | 4.101 | -0.001 | 96 | 188278 | 2.00 | 1.99 | a |
| 24 N-Methylaniline | 106 | 4.212 | 4.216 | -0.004 | 98 | 253125 | 2.00 | 2.06 | |
| 26 Acetophenone | 105 | 4.219 | 4.226 | -0.007 | 93 | 239470 | 2.00 | 1.97 | |
| 25 N-Nitrosodi-n-propylamine | 70 | 4.228 | 4.232 | -0.004 | 80 | 116635 | 2.00 | 2.02 | |
| 22 4-Methylphenol | 108 | 4.238 | 4.245 | -0.007 | 93 | 163378 | 2.00 | 1.98 | |
| 23 3 & 4 Methylphenol | 108 | 4.238 | 4.245 | -0.007 | 0 | 163680 | 2.00 | 1.98 | |
| 27 Hexachloroethane | 117 | 4.311 | 4.312 | -0.001 | 96 | 73401 | 2.00 | 2.03 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.366 | 4.370 | -0.004 | 88 | 183192 | 2.00 | 1.99 | |
| 29 Nitrobenzene | 123 | 4.385 | 4.389 | -0.004 | 97 | 85810 | 2.00 | 2.04 | |
| 30 n,n'-Dimethylaniline | 120 | 4.391 | 4.395 | -0.004 | 93 | 272491 | 2.00 | 2.07 | |
| 31 Isophorone | 82 | 4.621 | 4.628 | -0.007 | 98 | 307538 | 2.00 | 2.01 | |
| 32 2-Nitrophenol | 139 | 4.698 | 4.699 | -0.001 | 96 | 88925 | 2.00 | 1.93 | |
| 33 2,4-Dimethylphenol | 122 | 4.762 | 4.766 | -0.004 | 92 | 119499 | 2.00 | 1.91 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.854 | 4.859 | -0.005 | 97 | 205910 | 2.00 | 1.99 | |
| 34 Benzoic acid | 122 | 4.822 | 4.871 | -0.049 | 84 | 73026 | 2.00 | 1.91 | |
| 36 2,4-Dichlorophenol | 162 | 4.934 | 4.939 | -0.005 | 98 | 130139 | 2.00 | 1.91 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.014 | 5.015 | -0.001 | 95 | 147979 | 2.00 | 2.00 | |
| * 38 Naphthalene-d8 | 136 | 5.065 | 5.067 | -0.002 | 99 | 1932544 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.085 | 5.086 | -0.001 | 99 | 513111 | 2.00 | 2.00 | |
| 40 4-Chloroaniline | 127 | 5.152 | 5.156 | -0.004 | 98 | 196639 | 2.00 | 2.01 | |
| 41 2,6-Dichlorophenol | 162 | 5.155 | 5.159 | -0.004 | 97 | 133741 | 2.00 | 1.96 | |
| 42 Hexachlorobutadiene | 225 | 5.219 | 5.220 | -0.001 | 96 | 77346 | 2.00 | 1.97 | |
| 44 Caprolactam | 55 | 5.458 | 5.476 | -0.018 | 93 | 56533 | 2.00 | 2.13 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.640 | 5.645 | -0.005 | 96 | 131527 | 2.00 | 1.97 | |
| 46 2-Methylnaphthalene | 142 | 5.762 | 5.764 | -0.002 | 85 | 337852 | 2.00 | 2.01 | |
| 47 1-Methylnaphthalene | 142 | 5.851 | 5.856 | -0.005 | 92 | 303556 | 2.00 | 1.97 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.919 | 5.920 | -0.001 | 97 | 86644 | 2.00 | 2.00 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.922 | 5.927 | -0.005 | 98 | 141663 | 2.00 | 1.93 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.986 | 5.988 | -0.002 | 91 | 182590 | 2.00 | 2.01 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.040 | 6.042 | -0.002 | 89 | 92512 | 2.00 | 1.98 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.072 | 6.074 | -0.002 | 97 | 95217 | 2.00 | 1.88 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.126 | 6.128 | -0.002 | 97 | 376607 | 2.00 | 1.97 | |
| 54 1,1'-Biphenyl | 154 | 6.216 | 6.218 | -0.002 | 96 | 395205 | 2.00 | 1.98 | |
| 55 2-Chloronaphthalene | 162 | 6.226 | 6.228 | -0.002 | 99 | 302215 | 2.00 | 1.95 | |
| 56 Phenyl ether | 170 | 6.321 | 6.324 | -0.003 | 88 | 215072 | 2.00 | 1.97 | |
| 57 2-Nitroaniline | 65 | 6.331 | 6.336 | -0.005 | 96 | 96158 | 2.00 | 1.98 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.440 | 6.442 | -0.002 | 92 | 247202 | 2.00 | 1.98 | |
| 60 Coumarin | 146 | 6.523 | 6.528 | -0.005 | 81 | 111982 | 2.00 | 2.08 | |
| 59 Dimethyl phthalate | 163 | 6.526 | 6.532 | -0.006 | 98 | 331599 | 2.00 | 2.02 | |
| 61 2,6-Dinitrotoluene | 165 | 6.574 | 6.580 | -0.006 | 96 | 72704 | 2.00 | 2.02 | |
| 62 Acenaphthylene | 152 | 6.616 | 6.618 | -0.002 | 98 | 466492 | 2.00 | 1.97 | |
| 63 3-Nitroaniline | 138 | 6.727 | 6.733 | -0.006 | 97 | 81508 | 2.00 | 1.95 | |
| * 64 Acenaphthene-d10 | 164 | 6.753 | 6.756 | -0.003 | 95 | 1008453 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.785 | 6.788 | -0.003 | 96 | 282360 | 2.00 | 1.98 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.807 | 6.810 | -0.003 | 97 | 142609 | 2.00 | 1.44 | |
| 67 2,4-Dinitrophenol | 184 | 6.827 | 6.832 | -0.005 | 96 | 75731 | 4.00 | 3.71 | |
| 68 4-Nitrophenol | 65 | 6.907 | 6.916 | -0.009 | 86 | 91778 | 4.00 | 3.88 | |
| 70 Dibenzofuran | 168 | 6.951 | 6.954 | -0.003 | 96 | 417623 | 2.00 | 1.96 | |
| 69 2,4-Dinitrotoluene | 165 | 6.955 | 6.961 | -0.005 | 93 | 95615 | 2.00 | 2.07 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.076 | 7.079 | -0.003 | 94 | 75712 | 2.00 | 1.94 | |
| 72 Diethyl phthalate | 149 | 7.204 | 7.213 | -0.009 | 98 | 313781 | 2.00 | 1.89 | |
| 73 n-Octadecane | 57 | 7.239 | 7.242 | -0.003 | 88 | 194389 | 2.00 | 1.84 | |
| 74 Fluorene | 166 | 7.277 | 7.281 | -0.003 | 93 | 332490 | 2.00 | 2.01 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.293 | 7.297 | -0.004 | 90 | 145908 | 2.00 | 1.97 | |
| 76 4-Nitroaniline | 138 | 7.303 | 7.313 | -0.010 | 91 | 71943 | 2.00 | 1.97 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.335 | 7.345 | -0.010 | 87 | 104676 | 4.00 | 3.69 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.405 | 7.412 | -0.007 | 70 | 230355 | 2.00 | 1.91 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.441 | 7.444 | -0.003 | 51 | 326476 | 2.00 | 2.01 | |
| 131 Azobenzene | 77 | 7.441 | 7.444 | -0.003 | 97 | 326476 | 2.00 | 1.90 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.505 | 7.508 | -0.004 | 91 | 63900 | 2.00 | 2.01 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.754 | 7.757 | -0.003 | 92 | 87913 | 2.00 | 1.92 | |
| 84 Hexachlorobenzene | 284 | 7.795 | 7.799 | -0.004 | 96 | 110164 | 2.00 | 1.94 | |
| 85 Atrazine | 200 | 7.933 | 7.936 | -0.003 | 93 | 75130 | 2.00 | 2.03 | |
| 86 Pentachlorophenol | 266 | 7.990 | 7.994 | -0.004 | 95 | 120678 | 4.00 | 3.57 | |
| 87 Pentachloronitrobenzene | 237 | 8.000 | 8.007 | -0.007 | 89 | 33873 | 2.00 | 1.93 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.160 | 8.164 | -0.004 | 99 | 1734012 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.182 | 8.186 | -0.004 | 98 | 451497 | 2.00 | 1.96 | |
| 90 Anthracene | 178 | 8.230 | 8.234 | -0.004 | 98 | 450305 | 2.00 | 1.95 | |
| 91 Carbazole | 167 | 8.393 | 8.397 | -0.004 | 96 | 394919 | 2.00 | 1.96 | |
| 92 Di-n-butyl phthalate | 149 | 8.770 | 8.772 | -0.002 | 99 | 452817 | 2.00 | 1.90 | |
| 93 Fluoranthene | 202 | 9.307 | 9.312 | -0.005 | 97 | 409774 | 2.00 | 1.99 | |
| 94 Benzidine | 184 | 9.460 | 9.462 | -0.002 | 99 | 157588 | 2.00 | 2.06 | M |
| 95 Pyrene | 202 | 9.518 | 9.520 | -0.002 | 96 | 421534 | 2.00 | 2.06 | |
| 96 Bisphenol-A | 213 | 9.607 | 9.609 | -0.002 | 98 | 106054 | 2.00 | 1.80 | |
| $ 97 Terphenyl-d14 | 244 | 9.697 | 9.702 | -0.005 | 97 | 327037 | 2.00 | 2.05 | |
| 98 Butyl benzyl phthalate | 149 | 10.189 | 10.195 | -0.006 | 97 | 142052 | 2.00 | 1.85 | |
| 100 Carbamazepine | 193 | 10.263 | 10.269 | -0.006 | 93 | 75804 | 2.00 | 1.80 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.707 | 10.710 | -0.003 | 69 | 99584 | 2.00 | 1.78 | |
| 102 Benzo[a]anthracene | 228 | 10.707 | 10.713 | -0.006 | 100 | 306435 | 2.00 | 1.92 | |
| * 103 Chrysene-d12 | 240 | 10.716 | 10.723 | -0.007 | 99 | 992830 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.745 | 10.752 | -0.007 | 97 | 310379 | 2.00 | 2.02 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.828 | 10.835 | -0.007 | 86 | 192101 | 2.00 | 1.83 | |
| 106 Di-n-octyl phthalate | 149 | 11.627 | 11.631 | -0.004 | 96 | 266086 | 2.00 | 1.75 | |
| 107 Benzo[b]fluoranthene | 252 | 11.995 | 12.005 | -0.010 | 98 | 269512 | 2.00 | 2.04 | |
| 108 Benzo[k]fluoranthene | 252 | 12.033 | 12.041 | -0.008 | 98 | 284213 | 2.00 | 2.05 | |
| 109 Benzo[a]pyrene | 252 | 12.417 | 12.428 | -0.011 | 95 | 239834 | 2.00 | 2.02 | |
| * 110 Perylene-d12 | 264 | 12.497 | 12.501 | -0.004 | 98 | 958989 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.936 | 13.951 | -0.015 | 99 | 283853 | 2.00 | 1.91 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.984 | 13.996 | -0.012 | 97 | 287614 | 2.00 | 1.95 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.288 | 14.306 | -0.018 | 98 | 281806 | 2.00 | 1.88 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 3.93 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

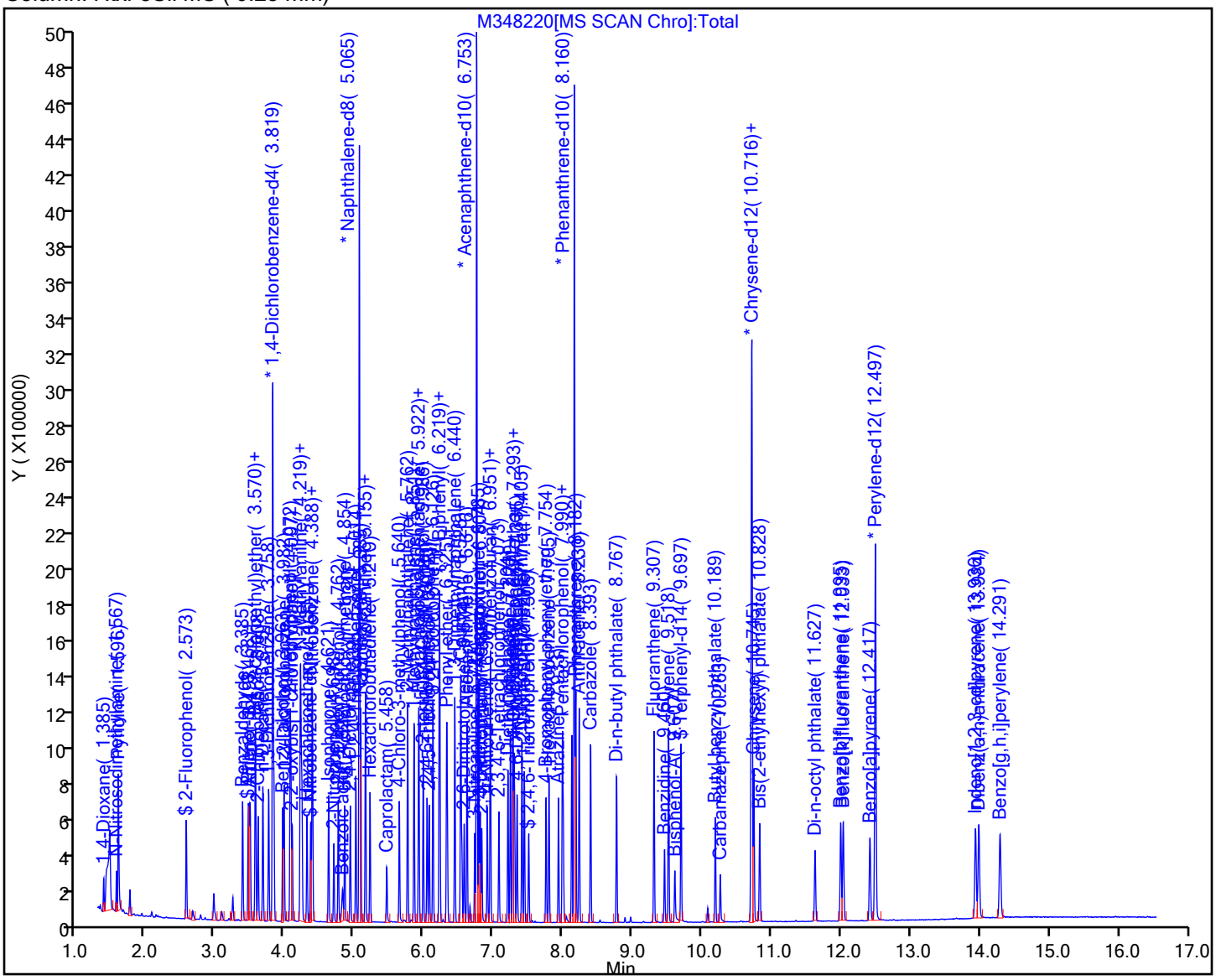
## Reagents:

SV_BNAL5_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:25:03 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348220.D
Injection Date: 28-Feb-2025 07:47:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

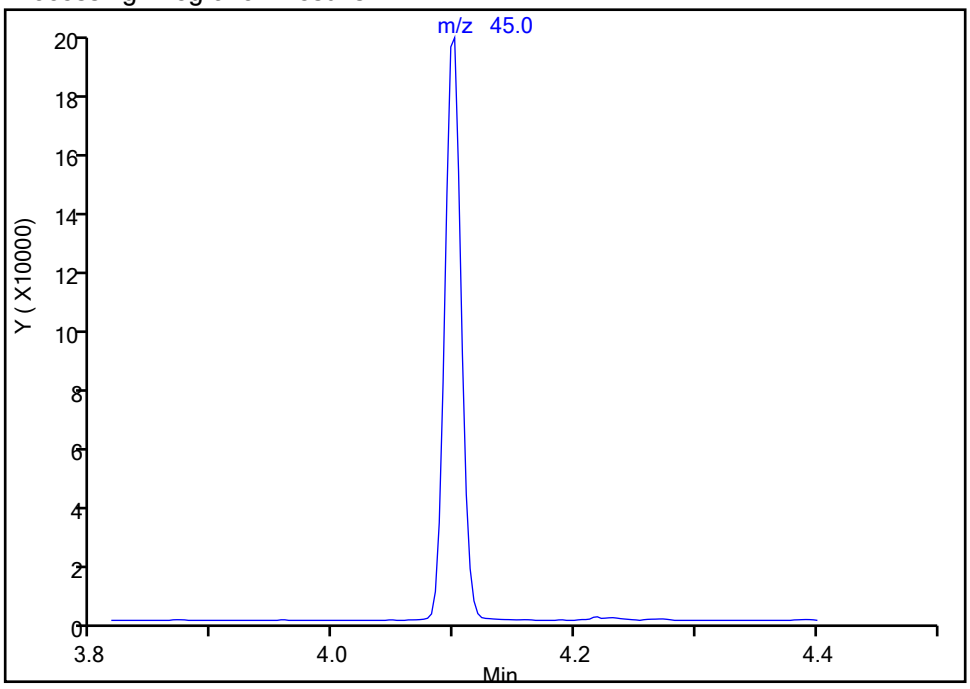
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348220.D
Injection Date: 28-Feb-2025 07:47:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 21 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

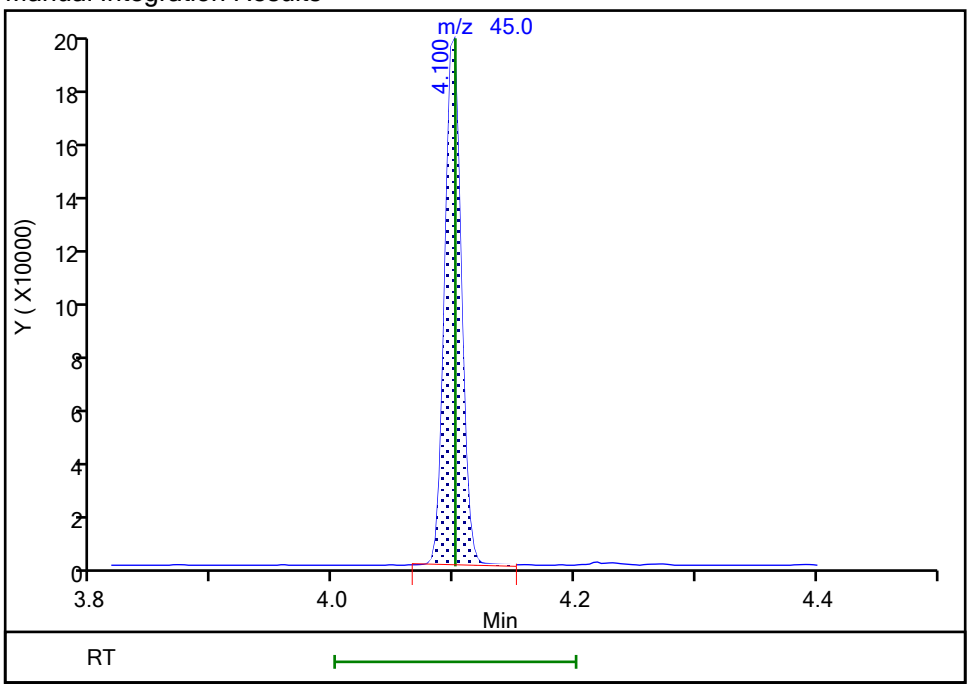
Not Detected
Expected RT: 4.10

Processing Integration Results




Manual Integration Results

RT: 4.10
Area: 188278
Amount: 1.985336
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 08:09:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

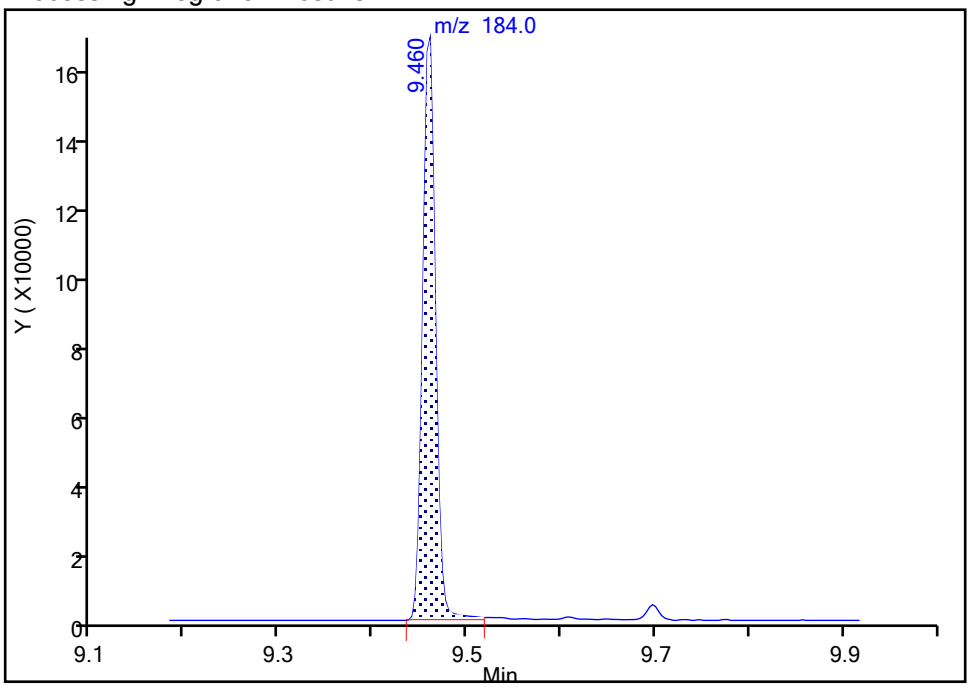
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348220.D
Injection Date: 28-Feb-2025 07:47:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

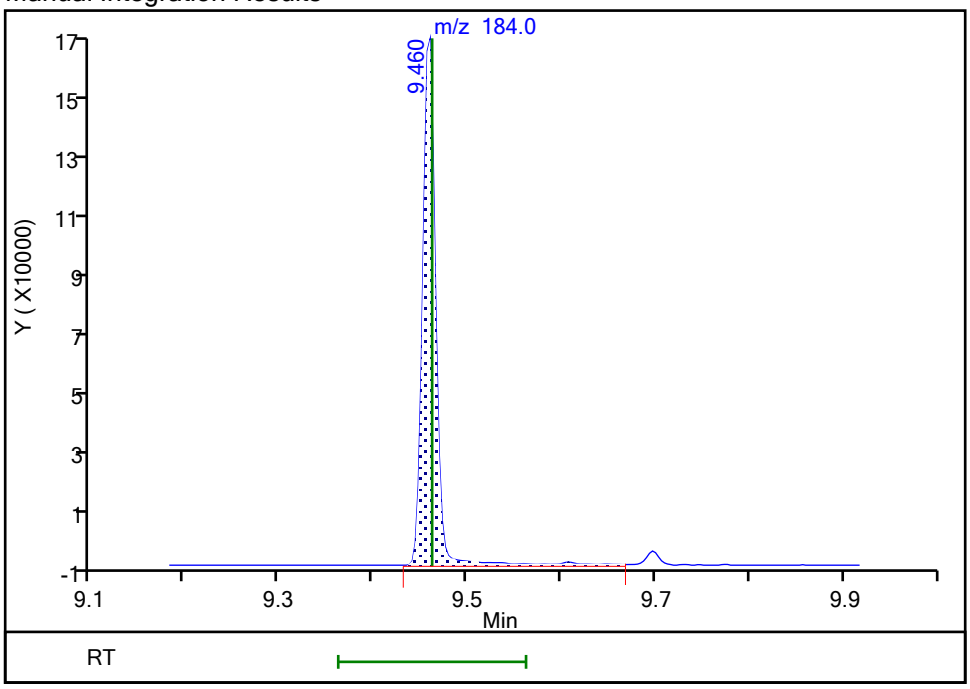
Processing Integration Results

RT: 9.46
Area: 153394
Amount: 2.171130
Amount Units: ug/ml




Manual Integration Results

RT: 9.46
Area: 157588
Amount: 2.056593
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:06:59 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348221.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Feb-2025 08:09:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-007
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:25:07 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 08:29:27

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.385 | 1.382 | 0.003 | 90 | 33919 | 1.00 | 0.9863 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.571 | 1.564 | 0.007 | 100 | 51834 | 1.00 | 0.9628 | |
| | 3 Pyridine | 79 | 1.596 | 1.590 | 0.006 | 98 | 158805 | 2.00 | 2.08 | |
| $ | 4 2-Fluorophenol | 112 | 2.573 | 2.574 | -0.001 | 98 | 80963 | 1.00 | 0.9378 | |
| | 5 Benzaldehyde | 77 | 3.381 | 3.385 | -0.004 | 97 | 72716 | 1.00 | 1.03 | |
| $ | 6 Phenol-d5 | 99 | 3.464 | 3.471 | -0.007 | 0 | 107920 | 1.00 | 0.9713 | |
| | 7 Phenol | 94 | 3.477 | 3.484 | -0.007 | 95 | 119093 | 1.00 | 0.9899 | |
| | 8 Aniline | 93 | 3.493 | 3.497 | -0.004 | 97 | 126493 | 1.00 | 1.01 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.563 | 3.567 | -0.004 | 96 | 86765 | 1.00 | 0.99 | |
| | 10 Benzonitrile | 103 | 3.570 | 3.580 | -0.010 | 98 | 171990 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.605 | 3.612 | -0.007 | 99 | 89393 | 1.00 | 0.9819 | |
| | 13 n-Decane | 43 | 3.675 | 3.676 | -0.001 | 86 | 69634 | 1.00 | 0.9797 | |
| | 14 1,3-Dichlorobenzene | 146 | 3.758 | 3.762 | -0.004 | 97 | 99074 | 1.00 | 0.99 | |
| * | 15 1,4-Dichlorobenzene-d4 | 152 | 3.816 | 3.820 | -0.004 | 95 | 519952 | 8.00 | 8.00 | |
| | 16 1,4-Dichlorobenzene | 146 | 3.835 | 3.836 | -0.001 | 95 | 99749 | 1.00 | 1.00 | |
| | 17 Benzyl alcohol | 108 | 3.960 | 3.967 | -0.007 | 96 | 53912 | 1.00 | 0.9326 | |
| | 19 1,2-Dichlorobenzene | 146 | 3.979 | 3.983 | -0.004 | 97 | 96166 | 1.00 | 1.00 | |
| | 20 2-Methylphenol | 108 | 4.081 | 4.085 | -0.004 | 91 | 76206 | 1.00 | 0.9724 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.097 | 4.101 | -0.004 | 96 | 97549 | 1.00 | 1.00 | |
| | 24 N-Methylaniline | 106 | 4.212 | 4.216 | -0.004 | 99 | 130882 | 1.00 | 1.03 | |
| | 26 Acetophenone | 105 | 4.218 | 4.226 | -0.008 | 93 | 123111 | 1.00 | 0.9835 | |
| | 25 N-Nitrosodi-n-propylamine | 70 | 4.225 | 4.232 | -0.007 | 79 | 60420 | 1.00 | 1.02 | |
| | 22 4-Methylphenol | 108 | 4.238 | 4.245 | -0.007 | 95 | 83225 | 1.00 | 0.9834 | |
| | 23 3 & 4 Methylphenol | 108 | 4.238 | 4.245 | -0.007 | 0 | 83565 | 1.00 | 0.9818 | |
| | 27 Hexachloroethane | 117 | 4.311 | 4.312 | -0.001 | 96 | 37466 | 1.00 | 1.01 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.362 | 4.370 | -0.008 | 83 | 93033 | 1.00 | 0.9728 | |
| | 29 Nitrobenzene | 123 | 4.381 | 4.389 | -0.008 | 100 | 43417 | 1.00 | 1.00 | |
| | 30 n,n'-Dimethylaniline | 120 | 4.391 | 4.395 | -0.004 | 96 | 133898 | 1.00 | 0.9895 | |
| | 31 Isophorone | 82 | 4.621 | 4.628 | -0.007 | 98 | 152425 | 1.00 | 0.9579 | |
| | 32 2-Nitrophenol | 139 | 4.698 | 4.699 | -0.001 | 96 | 42587 | 1.00 | 0.8860 | |
| | 33 2,4-Dimethylphenol | 122 | 4.761 | 4.766 | -0.005 | 92 | 61771 | 1.00 | 0.9503 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.854 | 4.859 | -0.005 | 98 | 103072 | 1.00 | 0.9576 | |
| 34 Benzoic acid | 122 | 4.813 | 4.871 | -0.058 | 86 | 28627 | 1.00 | 1.04 | |
| 36 2,4-Dichlorophenol | 162 | 4.934 | 4.939 | -0.005 | 97 | 67113 | 1.00 | 0.9443 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.014 | 5.015 | -0.001 | 94 | 77467 | 1.00 | 1.00 | |
| * 38 Naphthalene-d8 | 136 | 5.065 | 5.067 | -0.002 | 99 | 2011597 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.084 | 5.086 | -0.002 | 99 | 262928 | 1.00 | 0.9837 | |
| 40 4-Chloroaniline | 127 | 5.151 | 5.156 | -0.005 | 98 | 103144 | 1.00 | 1.01 | |
| 41 2,6-Dichlorophenol | 162 | 5.154 | 5.159 | -0.005 | 98 | 68273 | 1.00 | 0.9606 | |
| 42 Hexachlorobutadiene | 225 | 5.218 | 5.220 | -0.002 | 95 | 40852 | 1.00 | 1.00 | |
| 44 Caprolactam | 55 | 5.455 | 5.476 | -0.021 | 92 | 27108 | 1.00 | 0.9825 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.640 | 5.645 | -0.005 | 95 | 64322 | 1.00 | 0.9264 | |
| 46 2-Methylnaphthalene | 142 | 5.758 | 5.764 | -0.006 | 85 | 171419 | 1.00 | 0.9799 | |
| 47 1-Methylnaphthalene | 142 | 5.854 | 5.856 | -0.002 | 92 | 157578 | 1.00 | 0.9831 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.918 | 5.920 | -0.002 | 97 | 42002 | 1.00 | 0.9383 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.921 | 5.927 | -0.006 | 97 | 71598 | 1.00 | 0.9458 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.985 | 5.988 | -0.003 | 91 | 93142 | 1.00 | 0.9828 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.039 | 6.042 | -0.003 | 90 | 45654 | 1.00 | 0.9462 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.071 | 6.074 | -0.003 | 97 | 47984 | 1.00 | 0.9169 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.126 | 6.128 | -0.002 | 97 | 188121 | 1.00 | 0.9529 | |
| 54 1,1'-Biphenyl | 154 | 6.215 | 6.218 | -0.003 | 96 | 202762 | 1.00 | 0.9867 | |
| 55 2-Chloronaphthalene | 162 | 6.222 | 6.228 | -0.006 | 99 | 155179 | 1.00 | 0.9716 | |
| 56 Phenyl ether | 170 | 6.321 | 6.324 | -0.003 | 87 | 111054 | 1.00 | 0.9852 | |
| 57 2-Nitroaniline | 65 | 6.330 | 6.336 | -0.006 | 97 | 45411 | 1.00 | 0.9083 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.439 | 6.442 | -0.003 | 91 | 124303 | 1.00 | 0.9682 | |
| 60 Coumarin | 146 | 6.522 | 6.528 | -0.006 | 80 | 53523 | 1.00 | 0.9536 | |
| 59 Dimethyl phthalate | 163 | 6.525 | 6.532 | -0.007 | 98 | 164673 | 1.00 | 0.9737 | |
| 61 2,6-Dinitrotoluene | 165 | 6.573 | 6.580 | -0.007 | 97 | 33915 | 1.00 | 0.9146 | |
| 62 Acenaphthylene | 152 | 6.615 | 6.618 | -0.003 | 97 | 236903 | 1.00 | 0.9701 | |
| 63 3-Nitroaniline | 138 | 6.727 | 6.733 | -0.006 | 97 | 38778 | 1.00 | 0.9012 | |
| * 64 Acenaphthene-d10 | 164 | 6.752 | 6.756 | -0.004 | 96 | 1039579 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.784 | 6.788 | -0.004 | 96 | 145391 | 1.00 | 0.9875 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.807 | 6.810 | -0.003 | 97 | 106632 | 1.00 | 1.04 | |
| 67 2,4-Dinitrophenol | 184 | 6.826 | 6.832 | -0.006 | 95 | 31531 | 2.00 | 1.65 | |
| 68 4-Nitrophenol | 65 | 6.906 | 6.916 | -0.010 | 87 | 40578 | 2.00 | 1.66 | |
| 70 Dibenzofuran | 168 | 6.950 | 6.954 | -0.004 | 97 | 215840 | 1.00 | 0.9812 | |
| 69 2,4-Dinitrotoluene | 165 | 6.954 | 6.961 | -0.006 | 92 | 46279 | 1.00 | 0.9714 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.075 | 7.079 | -0.004 | 95 | 37006 | 1.00 | 0.9203 | |
| 72 Diethyl phthalate | 149 | 7.203 | 7.213 | -0.010 | 98 | 208094 | 1.00 | 1.22 | |
| 73 n-Octadecane | 57 | 7.241 | 7.242 | -0.001 | 89 | 97121 | 1.00 | 0.8890 | |
| 74 Fluorene | 166 | 7.276 | 7.281 | -0.004 | 93 | 169320 | 1.00 | 0.99 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.292 | 7.297 | -0.005 | 90 | 76325 | 1.00 | 1.00 | |
| 76 4-Nitroaniline | 138 | 7.302 | 7.313 | -0.011 | 88 | 32702 | 1.00 | 0.8684 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.337 | 7.345 | -0.008 | 88 | 47219 | 2.00 | 1.61 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.404 | 7.412 | -0.008 | 69 | 117108 | 1.00 | 0.9371 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.439 | 7.444 | -0.005 | 50 | 160970 | 1.00 | 0.9566 | |
| 131 Azobenzene | 77 | 7.439 | 7.444 | -0.005 | 97 | 160937 | 1.00 | 0.9053 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.503 | 7.508 | -0.005 | 92 | 31654 | 1.00 | 0.9682 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.753 | 7.757 | -0.005 | 91 | 43833 | 1.00 | 0.9253 | |
| 84 Hexachlorobenzene | 284 | 7.794 | 7.799 | -0.005 | 96 | 56017 | 1.00 | 0.9521 | |
| 85 Atrazine | 200 | 7.931 | 7.936 | -0.005 | 92 | 36905 | 1.00 | 0.9636 | |
| 86 Pentachlorophenol | 266 | 7.989 | 7.994 | -0.005 | 95 | 55761 | 2.00 | 1.59 | |
| 87 Pentachloronitrobenzene | 237 | 8.002 | 8.007 | -0.005 | 87 | 16640 | 1.00 | 0.9137 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.162 | 8.164 | -0.002 | 98 | 1797100 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.181 | 8.186 | -0.005 | 97 | 235003 | 1.00 | 0.9852 | |
| 90 Anthracene | 178 | 8.229 | 8.234 | -0.005 | 98 | 220190 | 1.00 | 0.9193 | |
| 91 Carbazole | 167 | 8.395 | 8.397 | -0.002 | 96 | 193104 | 1.00 | 0.9250 | |
| 92 Di-n-butyl phthalate | 149 | 8.769 | 8.772 | -0.003 | 99 | 215343 | 1.00 | 0.8696 | |
| 93 Fluoranthene | 202 | 9.308 | 9.312 | -0.004 | 97 | 200651 | 1.00 | 0.9423 | |
| 94 Benzidine | 184 | 9.459 | 9.462 | -0.003 | 99 | 73304 | 1.00 | 0.9231 | M |
| 95 Pyrene | 202 | 9.516 | 9.520 | -0.004 | 96 | 211700 | 1.00 | 1.01 | |
| 96 Bisphenol-A | 213 | 9.609 | 9.609 | 0.000 | 98 | 43077 | 1.00 | 0.7166 | |
| $ 97 Terphenyl-d14 | 244 | 9.698 | 9.702 | -0.004 | 97 | 158929 | 1.00 | 0.9783 | |
| 98 Butyl benzyl phthalate | 149 | 10.190 | 10.195 | -0.005 | 96 | 64737 | 1.00 | 0.8265 | |
| 100 Carbamazepine | 193 | 10.261 | 10.269 | -0.008 | 93 | 37316 | 1.00 | 1.22 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.705 | 10.710 | -0.005 | 95 | 47152 | 1.00 | 0.8834 | |
| 102 Benzo[a]anthracene | 228 | 10.708 | 10.713 | -0.005 | 100 | 156144 | 1.00 | 0.9597 | |
| * 103 Chrysene-d12 | 240 | 10.717 | 10.723 | -0.006 | 99 | 1012874 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.743 | 10.752 | -0.009 | 97 | 153268 | 1.00 | 0.9759 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.830 | 10.835 | -0.005 | 86 | 83534 | 1.00 | 0.8395 | |
| 106 Di-n-octyl phthalate | 149 | 11.625 | 11.631 | -0.006 | 96 | 109961 | 1.00 | 0.7134 | |
| 107 Benzo[b]fluoranthene | 252 | 11.996 | 12.005 | -0.009 | 97 | 128196 | 1.00 | 0.9600 | |
| 108 Benzo[k]fluoranthene | 252 | 12.031 | 12.041 | -0.010 | 99 | 136682 | 1.00 | 0.9745 | |
| 109 Benzo[a]pyrene | 252 | 12.418 | 12.428 | -0.010 | 95 | 112431 | 1.00 | 0.9367 | |
| * 110 Perylene-d12 | 264 | 12.498 | 12.501 | -0.003 | 98 | 969430 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.936 | 13.951 | -0.015 | 98 | 137892 | 1.00 | 0.9192 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.981 | 13.996 | -0.015 | 97 | 141164 | 1.00 | 0.9461 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.288 | 14.306 | -0.018 | 96 | 140765 | 1.00 | 0.9284 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 1.95 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

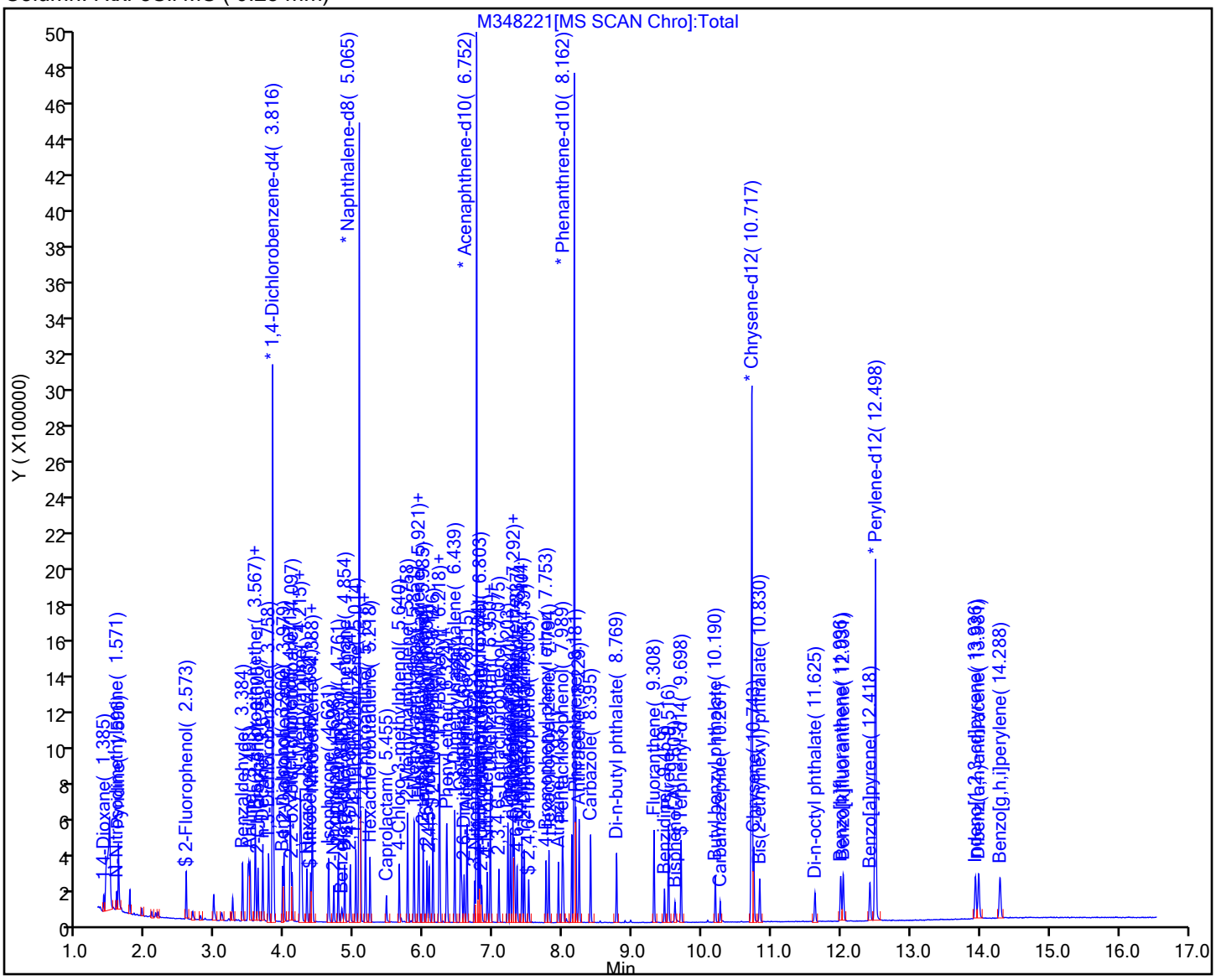
## Reagents:

SV_BNAL4_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:25:08 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348221.D
Injection Date: 28-Feb-2025 08:09:30 Instrument ID: CBNAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

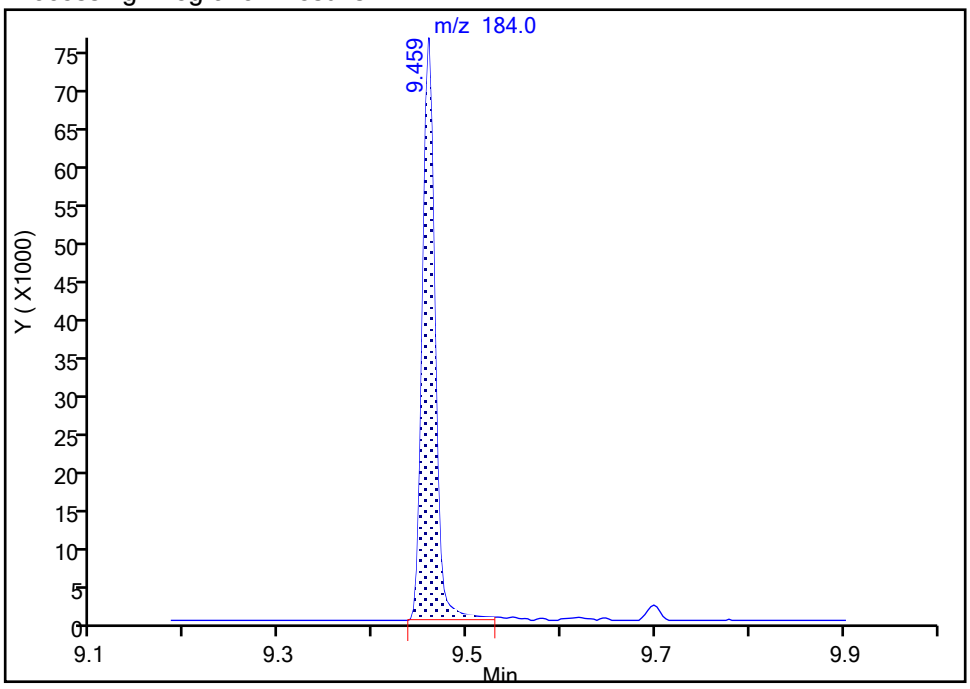
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348221.D
Injection Date: 28-Feb-2025 08:09:30 Instrument ID: CBNAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

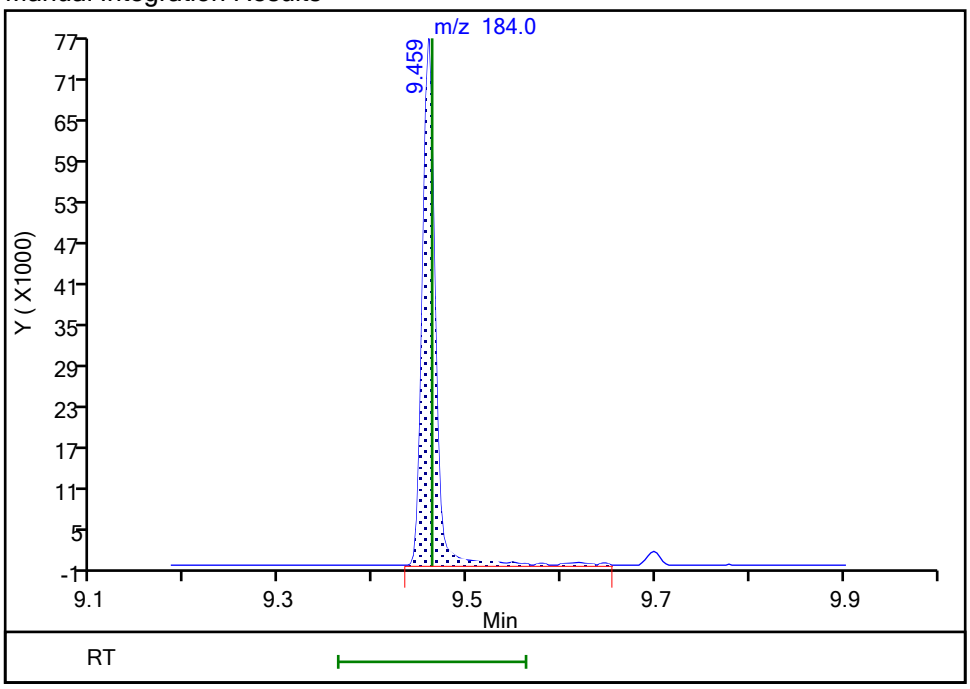
Processing Integration Results

RT: 9.46
Area: 71526
Amount: 0.875939
Amount Units: ug/ml




Manual Integration Results

RT: 9.46
Area: 73304
Amount: 0.923066
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:07:24 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348222.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Feb-2025 08:30:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-008
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:25:12 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 08:50:47

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 Benzaldehyde | 77 | 3.384 | 3.385 | -0.001 | 95 | 27359 | 0.4000 | 0.3852 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.819 | 3.820 | -0.001 | 96 | 522384 | 8.00 | 8.00 | |
| * 38 Naphthalene-d8 | 136 | 5.064 | 5.067 | -0.003 | 99 | 1959278 | 8.00 | 8.00 | |
| 44 Caprolactam | 55 | 5.451 | 5.476 | -0.025 | 91 | 8661 | 0.4000 | 0.3223 | |
| * 64 Acenaphthene-d10 | 164 | 6.754 | 6.756 | -0.002 | 96 | 1032493 | 8.00 | 8.00 | |
| 67 2,4-Dinitrophenol | 184 | 6.828 | 6.832 | -0.004 | 94 | 8572 | 0.8000 | 0.6221 | |
| 85 Atrazine | 200 | 7.930 | 7.936 | -0.006 | 93 | 13396 | 0.4000 | 0.3454 | |
| * 88 Phenanthrene-d10 | 188 | 8.160 | 8.164 | -0.004 | 99 | 1820095 | 8.00 | 8.00 | |
| 94 Benzidine | 184 | 9.460 | 9.462 | -0.002 | 99 | 24265 | 0.4000 | 0.3017 | M |
| * 103 Chrysene-d12 | 240 | 10.715 | 10.723 | -0.008 | 99 | 1015172 | 8.00 | 8.00 | |
| * 110 Perylene-d12 | 264 | 12.498 | 12.501 | -0.003 | 97 | 985865 | 8.00 | 8.00 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

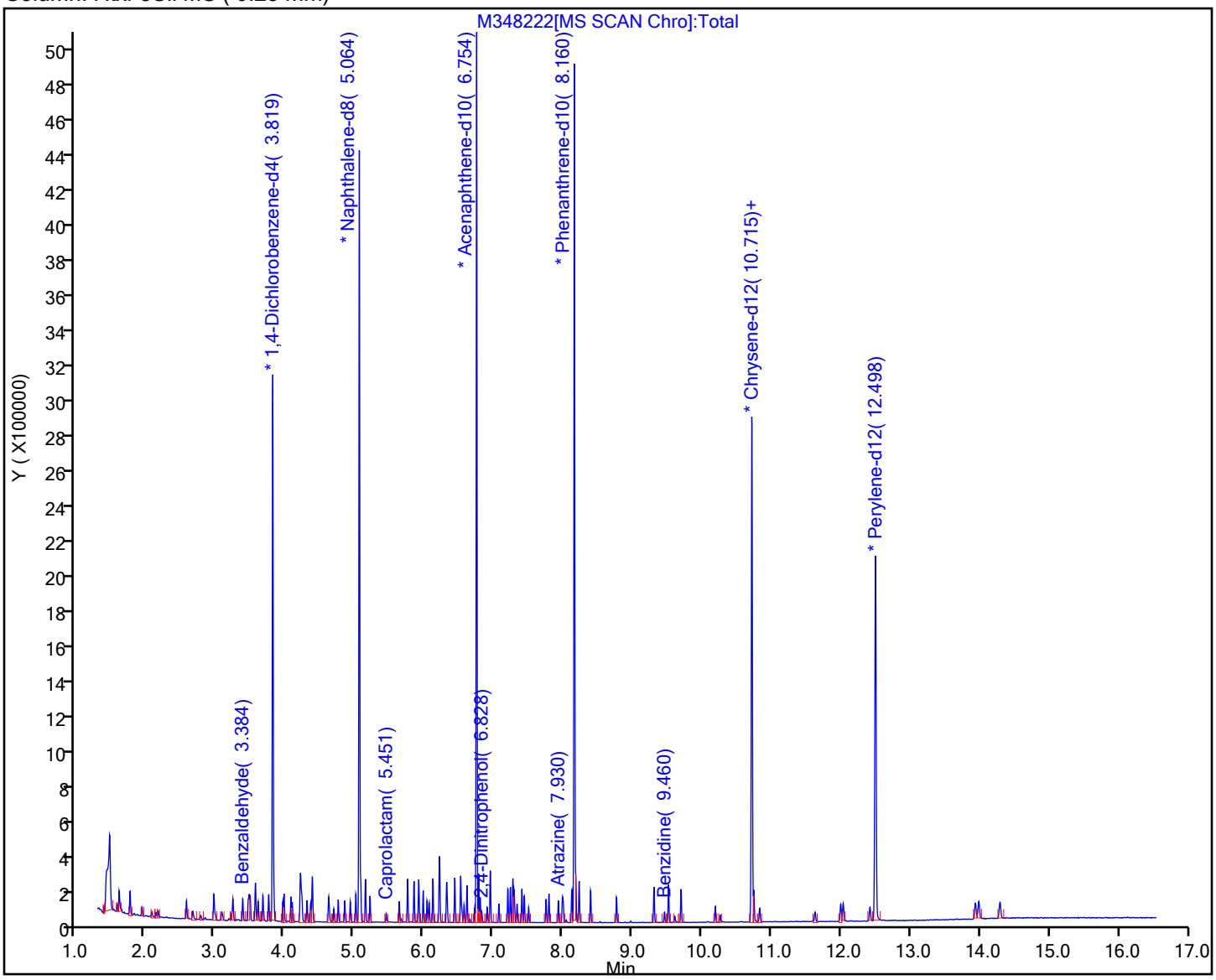
## Reagents:

SV_BNAL3_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:25:12 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348222.D
Injection Date: 28-Feb-2025 08:30:30 Instrument ID: CBNAMS17
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

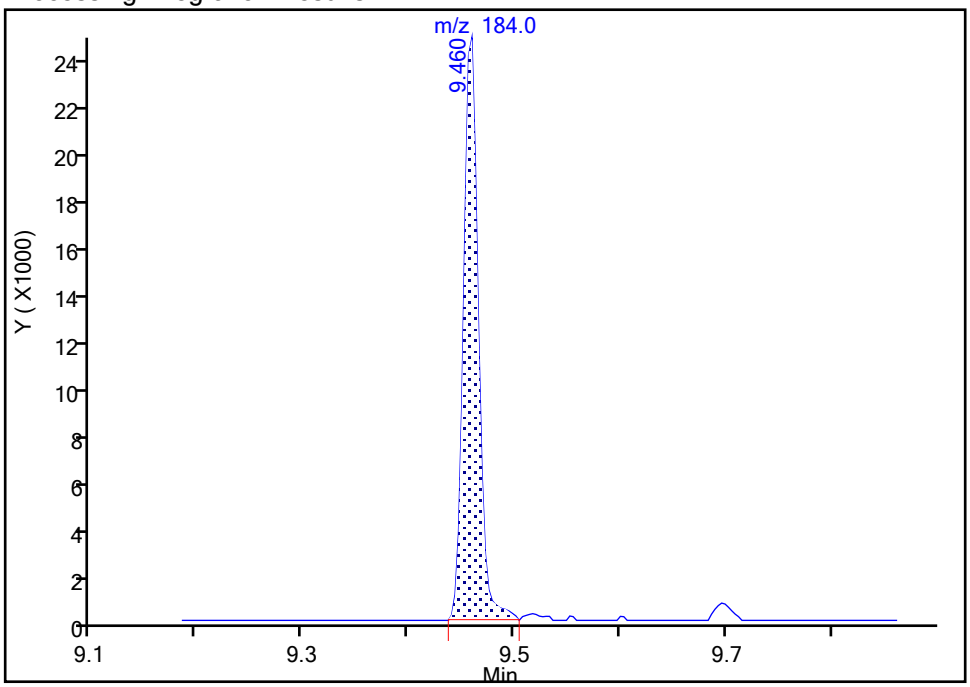
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348222.D
Injection Date: 28-Feb-2025 08:30:30 Instrument ID: CBNAMS17
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

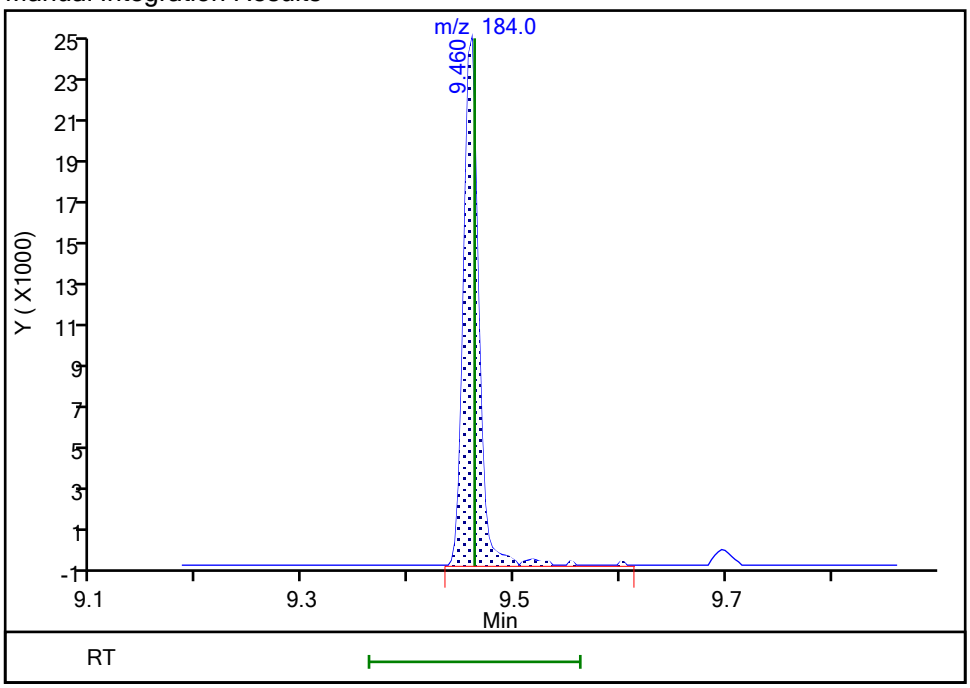
Processing Integration Results

RT: 9.46
Area: 23764
Amount: 0.134978
Amount Units: ug/ml




Manual Integration Results

RT: 9.46
Area: 24265
Amount: 0.301692
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:07:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348224.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Feb-2025 09:11:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-010
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:25:14 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 09:39:26

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.392 | 1.382 | 0.010 | 89 | 3148 | 0.1000 | 0.0963 | |
| 3 Pyridine | 79 | 1.622 | 1.590 | 0.032 | 98 | 11528 | 0.2000 | 0.1592 | |
| $ 6 Phenol-d5 | 99 | 3.464 | 3.471 | -0.007 | 0 | 8955 | 0.1000 | 0.0848 | |
| 8 Aniline | 93 | 3.496 | 3.497 | -0.001 | 95 | 9614 | 0.1000 | 0.0806 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.566 | 3.567 | -0.001 | 97 | 8217 | 0.1000 | 0.0988 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.818 | 3.820 | -0.002 | 94 | 494084 | 8.00 | 8.00 | |
| 24 N-Methylaniline | 106 | 4.214 | 4.216 | -0.002 | 98 | 7634 | 0.1000 | 0.0634 | |
| 25 N-Nitrosodi-n-propylamine | 70 | 4.227 | 4.232 | -0.005 | 75 | 5235 | 0.1000 | 0.0927 | |
| 27 Hexachloroethane | 117 | 4.310 | 4.312 | -0.002 | 94 | 3317 | 0.1000 | 0.0941 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.364 | 4.370 | -0.006 | 82 | 7739 | 0.1000 | 0.0859 | |
| 29 Nitrobenzene | 123 | 4.383 | 4.389 | -0.006 | 95 | 3504 | 0.1000 | 0.0853 | |
| 30 n,n'-Dimethylaniline | 120 | 4.390 | 4.395 | -0.005 | 94 | 12045 | 0.1000 | 0.0937 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.015 | 5.015 | 0.000 | 94 | 6901 | 0.1000 | 0.0949 | |
| * 38 Naphthalene-d8 | 136 | 5.063 | 5.067 | -0.004 | 99 | 1895822 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.086 | 5.086 | 0.000 | 97 | 24640 | 0.1000 | 0.0978 | |
| 40 4-Chloroaniline | 127 | 5.153 | 5.156 | -0.003 | 94 | 7926 | 0.1000 | 0.0827 | |
| 42 Hexachlorobutadiene | 225 | 5.217 | 5.220 | -0.003 | 94 | 3989 | 0.1000 | 0.1036 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.123 | 6.128 | -0.005 | 98 | 18007 | 0.1000 | 0.0965 | |
| 54 1,1'-Biphenyl | 154 | 6.216 | 6.218 | -0.002 | 96 | 17919 | 0.1000 | 0.0922 | |
| * 64 Acenaphthene-d10 | 164 | 6.752 | 6.756 | -0.004 | 96 | 982828 | 8.00 | 8.00 | |
| 67 2,4-Dinitrophenol | 184 | 6.829 | 6.832 | -0.003 | 85 | 987 | 0.2000 | 0.2801 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.439 | 7.444 | -0.005 | 49 | 12819 | 0.1000 | 0.0781 | |
| 84 Hexachlorobenzene | 284 | 7.793 | 7.799 | -0.006 | 94 | 5568 | 0.1000 | 0.0971 | |
| * 88 Phenanthrene-d10 | 188 | 8.161 | 8.164 | -0.003 | 99 | 1751895 | 8.00 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 9.696 | 9.702 | -0.006 | 96 | 14350 | 0.1000 | 0.0891 | |
| 102 Benzo[a]anthracene | 228 | 10.705 | 10.713 | -0.008 | 98 | 16706 | 0.1000 | 0.1036 | |
| * 103 Chrysene-d12 | 240 | 10.715 | 10.723 | -0.008 | 99 | 1004094 | 8.00 | 8.00 | |
| 107 Benzo[b]fluoranthene | 252 | 11.996 | 12.005 | -0.009 | 97 | 11641 | 0.1000 | 0.0868 | |
| 108 Benzo[k]fluoranthene | 252 | 12.031 | 12.041 | -0.010 | 98 | 12737 | 0.1000 | 0.0904 | |
| 109 Benzo[a]pyrene | 252 | 12.414 | 12.428 | -0.014 | 97 | 10054 | 0.1000 | 0.0834 | |
| * 110 Perylene-d12 | 264 | 12.494 | 12.501 | -0.007 | 98 | 973751 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.932 | 13.951 | -0.019 | 98 | 13036 | 0.1000 | 0.0865 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.983 | 13.996 | -0.013 | 96 | 13191 | 0.1000 | 0.0880 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.284 | 14.306 | -0.022 | 94 | 13925 | 0.1000 | 0.0914 | |

## QC Flag Legend

Processing Flags

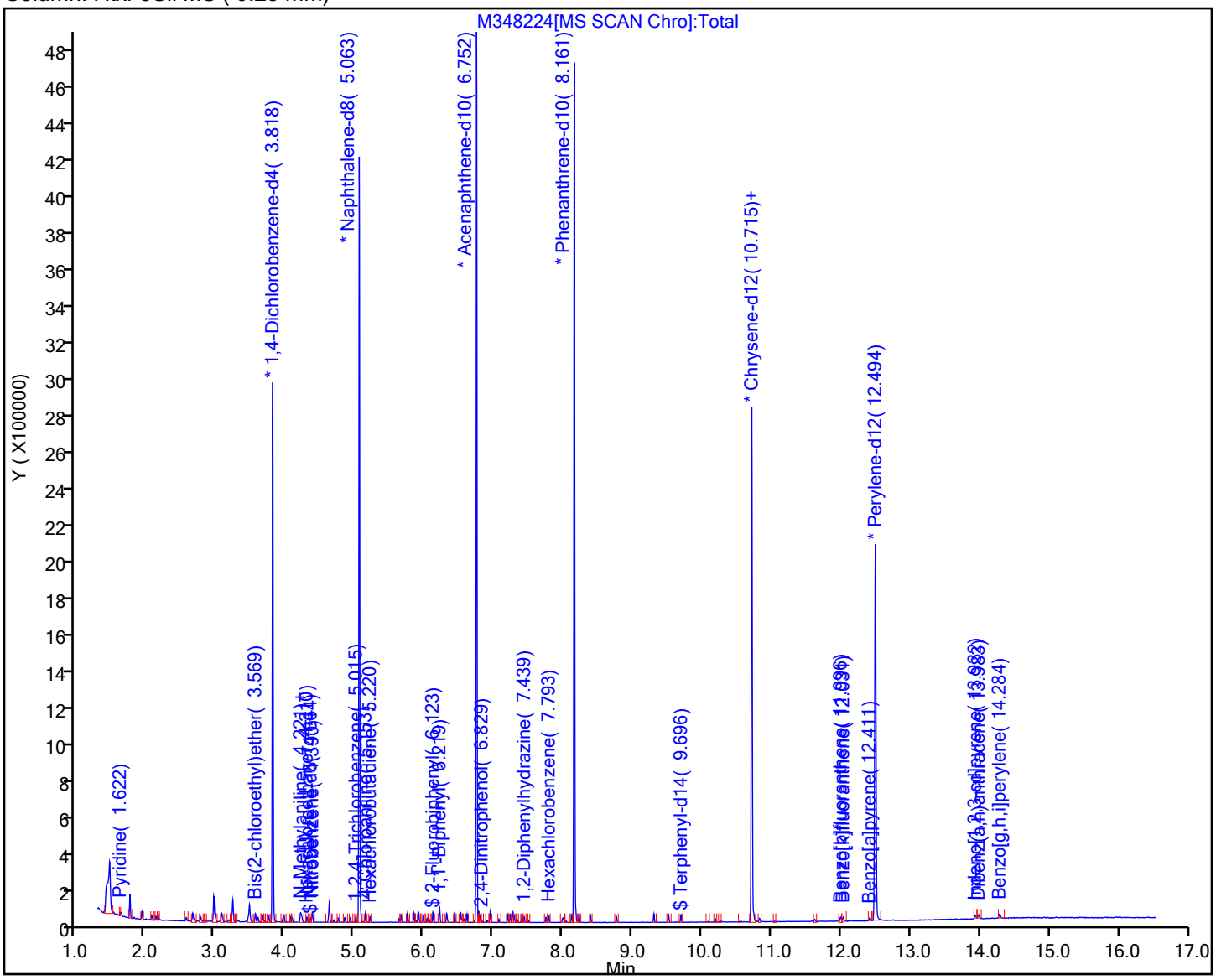
## Reagents:

SV_BNAL1_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:25:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348224.D
Injection Date: 28-Feb-2025 09:11:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Feb-2025 09:34:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-011
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:25:17 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 09:56:00

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.389 | 1.382 | 0.007 | 91 | 6654 | 0.2000 | 0.2079 | |
| | 3 Pyridine | 79 | 1.612 | 1.590 | 0.022 | 96 | 26126 | 0.4000 | 0.3685 | |
| $ | 4 2-Fluorophenol | 112 | 2.576 | 2.574 | 0.002 | 98 | 13853 | 0.2000 | 0.1724 | |
| | 5 Benzaldehyde | 77 | 3.387 | 3.385 | 0.002 | 95 | 12496 | 0.2000 | 0.1899 | |
| $ | 6 Phenol-d5 | 99 | 3.464 | 3.471 | -0.007 | 0 | 17748 | 0.2000 | 0.1716 | |
| | 8 Aniline | 93 | 3.496 | 3.497 | -0.001 | 97 | 21580 | 0.2000 | 0.1847 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.566 | 3.567 | -0.001 | 98 | 16062 | 0.2000 | 0.1972 | |
| | 14 1,3-Dichlorobenzene | 146 | 3.761 | 3.762 | -0.001 | 97 | 18825 | 0.2000 | 0.2028 | |
| * | 15 1,4-Dichlorobenzene-d4 | 152 | 3.818 | 3.820 | -0.002 | 94 | 483898 | 8.00 | 8.00 | |
| | 16 1,4-Dichlorobenzene | 146 | 3.834 | 3.836 | -0.002 | 95 | 18329 | 0.2000 | 0.1973 | |
| | 19 1,2-Dichlorobenzene | 146 | 3.981 | 3.983 | -0.002 | 96 | 17796 | 0.2000 | 0.1985 | |
| | 24 N-Methylaniline | 106 | 4.214 | 4.216 | -0.002 | 95 | 22727 | 0.2000 | 0.1929 | |
| | 25 N-Nitrosodi-n-propylamine | 70 | 4.227 | 4.232 | -0.005 | 79 | 10240 | 0.2000 | 0.1851 | |
| | 27 Hexachloroethane | 117 | 4.310 | 4.312 | -0.002 | 94 | 7172 | 0.2000 | 0.2078 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.364 | 4.370 | -0.006 | 83 | 16207 | 0.2000 | 0.1835 | |
| | 29 Nitrobenzene | 123 | 4.383 | 4.389 | -0.006 | 95 | 7537 | 0.2000 | 0.1872 | |
| | 30 n,n'-Dimethylaniline | 120 | 4.390 | 4.395 | -0.005 | 96 | 23816 | 0.2000 | 0.1891 | |
| | 31 Isophorone | 82 | 4.623 | 4.628 | -0.005 | 98 | 25966 | 0.2000 | 0.1767 | |
| | 37 1,2,4-Trichlorobenzene | 180 | 5.016 | 5.015 | 0.001 | 95 | 14182 | 0.2000 | 0.1990 | |
| * | 38 Naphthalene-d8 | 136 | 5.063 | 5.067 | -0.004 | 99 | 1858100 | 8.00 | 8.00 | |
| | 39 Naphthalene | 128 | 5.086 | 5.086 | 0.000 | 98 | 50933 | 0.2000 | 0.2063 | |
| | 40 4-Chloroaniline | 127 | 5.153 | 5.156 | -0.003 | 97 | 17622 | 0.2000 | 0.1877 | |
| | 42 Hexachlorobutadiene | 225 | 5.220 | 5.220 | 0.000 | 95 | 7464 | 0.2000 | 0.1978 | |
| | 44 Caprolactam | 55 | 5.453 | 5.476 | -0.023 | 91 | 3622 | 0.2000 | 0.1421 | |
| | 46 2-Methylnaphthalene | 142 | 5.760 | 5.764 | -0.004 | 85 | 32752 | 0.2000 | 0.2027 | |
| | 47 1-Methylnaphthalene | 142 | 5.852 | 5.856 | -0.004 | 93 | 30757 | 0.2000 | 0.2077 | |
| | 50 2-tertbutyl-4-methylphenol | 149 | 5.983 | 5.988 | -0.005 | 93 | 13668 | 0.2000 | 0.1561 | |
| | 51 2,4,6-Trichlorophenol | 196 | 6.041 | 6.042 | -0.001 | 91 | 7248 | 0.2000 | 0.1599 | |
| $ | 53 2-Fluorobiphenyl | 172 | 6.124 | 6.128 | -0.004 | 97 | 34901 | 0.2000 | 0.1882 | |
| | 54 1,1'-Biphenyl | 154 | 6.216 | 6.218 | -0.002 | 96 | 36901 | 0.2000 | 0.1911 | |
| | 61 2,6-Dinitrotoluene | 165 | 6.574 | 6.580 | -0.006 | 95 | 5798 | 0.2000 | 0.1664 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 64 Acenaphthene-d10 | 164 | 6.753 | 6.756 | -0.003 | 96 | 976673 | 8.00 | 8.00 | |
| 69 2,4-Dinitrotoluene | 165 | 6.954 | 6.961 | -0.006 | 91 | 6933 | 0.2000 | 0.1549 | |
| 74 Fluorene | 166 | 7.277 | 7.281 | -0.003 | 93 | 31079 | 0.2000 | 0.1940 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.440 | 7.444 | -0.004 | 50 | 28411 | 0.2000 | 0.1764 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.503 | 7.508 | -0.005 | 90 | 4710 | 0.2000 | 0.1533 | |
| 84 Hexachlorobenzene | 284 | 7.794 | 7.799 | -0.005 | 95 | 11721 | 0.2000 | 0.2081 | |
| 85 Atrazine | 200 | 7.931 | 7.936 | -0.005 | 92 | 5591 | 0.2000 | 0.1525 | |
| * 88 Phenanthrene-d10 | 188 | 8.161 | 8.164 | -0.003 | 99 | 1720499 | 8.00 | 8.00 | |
| 93 Fluoranthene | 202 | 9.307 | 9.312 | -0.005 | 96 | 38205 | 0.2000 | 0.1874 | |
| 95 Pyrene | 202 | 9.518 | 9.520 | -0.002 | 96 | 38166 | 0.2000 | 0.1888 | |
| $ 97 Terphenyl-d14 | 244 | 9.697 | 9.702 | -0.005 | 97 | 30268 | 0.2000 | 0.1926 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.706 | 10.710 | -0.004 | 64 | 5946 | 0.2000 | 0.2065 | |
| 102 Benzo[a]anthracene | 228 | 10.706 | 10.713 | -0.007 | 99 | 30050 | 0.2000 | 0.1909 | |
| * 103 Chrysene-d12 | 240 | 10.716 | 10.723 | -0.007 | 99 | 979935 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.745 | 10.752 | -0.007 | 97 | 31193 | 0.2000 | 0.2053 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.828 | 10.835 | -0.007 | 88 | 11526 | 0.2000 | 0.2076 | |
| 107 Benzo[b]fluoranthene | 252 | 11.997 | 12.005 | -0.008 | 94 | 24069 | 0.2000 | 0.1842 | |
| 108 Benzo[k]fluoranthene | 252 | 12.032 | 12.041 | -0.009 | 98 | 25961 | 0.2000 | 0.1892 | |
| 109 Benzo[a]pyrene | 252 | 12.418 | 12.428 | -0.010 | 95 | 19893 | 0.2000 | 0.1694 | |
| * 110 Perylene-d12 | 264 | 12.495 | 12.501 | -0.006 | 98 | 948520 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.933 | 13.951 | -0.018 | 97 | 25361 | 0.2000 | 0.1728 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.981 | 13.996 | -0.015 | 96 | 27305 | 0.2000 | 0.1870 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.288 | 14.306 | -0.018 | 95 | 26972 | 0.2000 | 0.1818 | |

## QC Flag Legend

Processing Flags

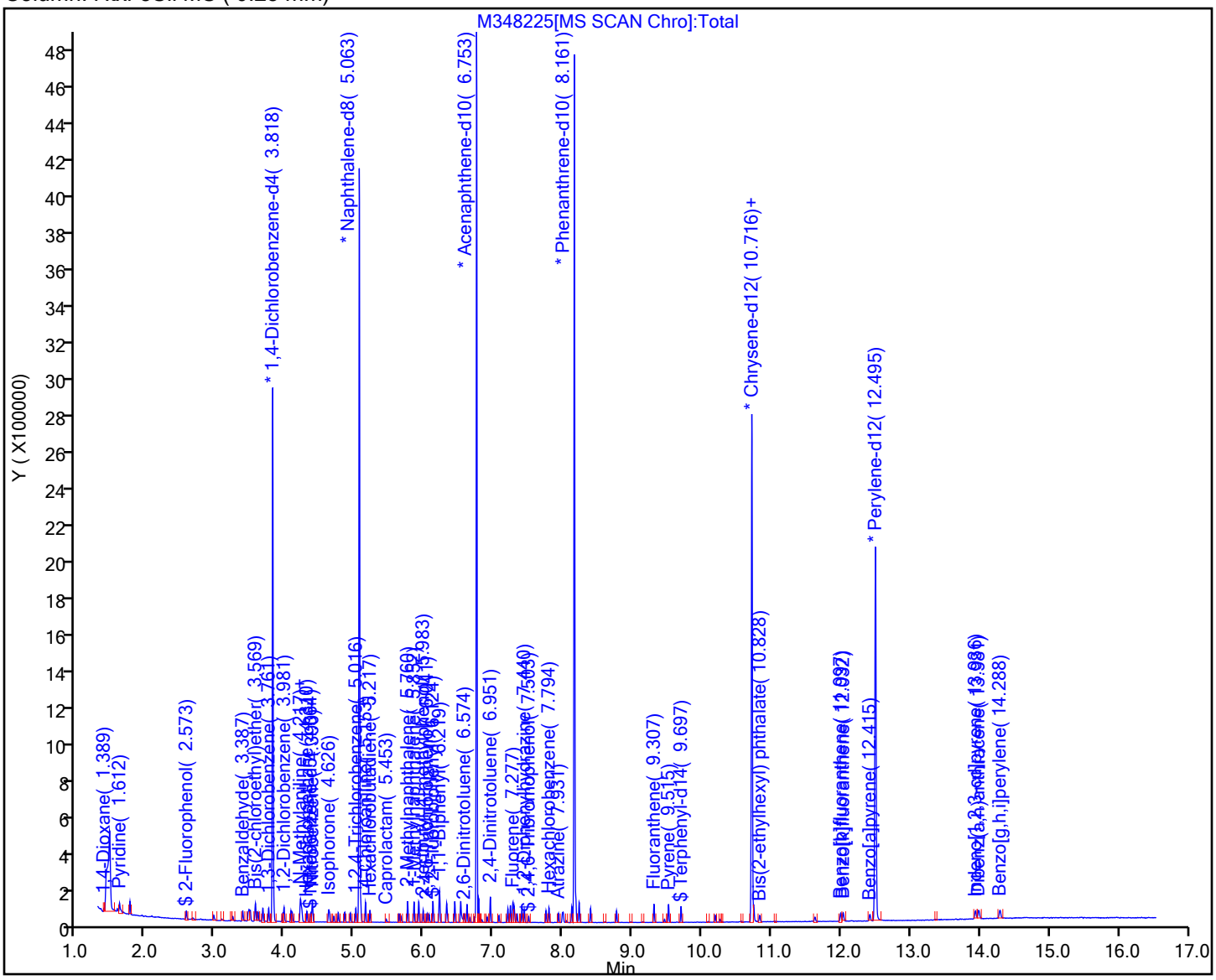
## Reagents:

SV_BNAL2_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:25:18 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D
Injection Date: 28-Feb-2025 09:34:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

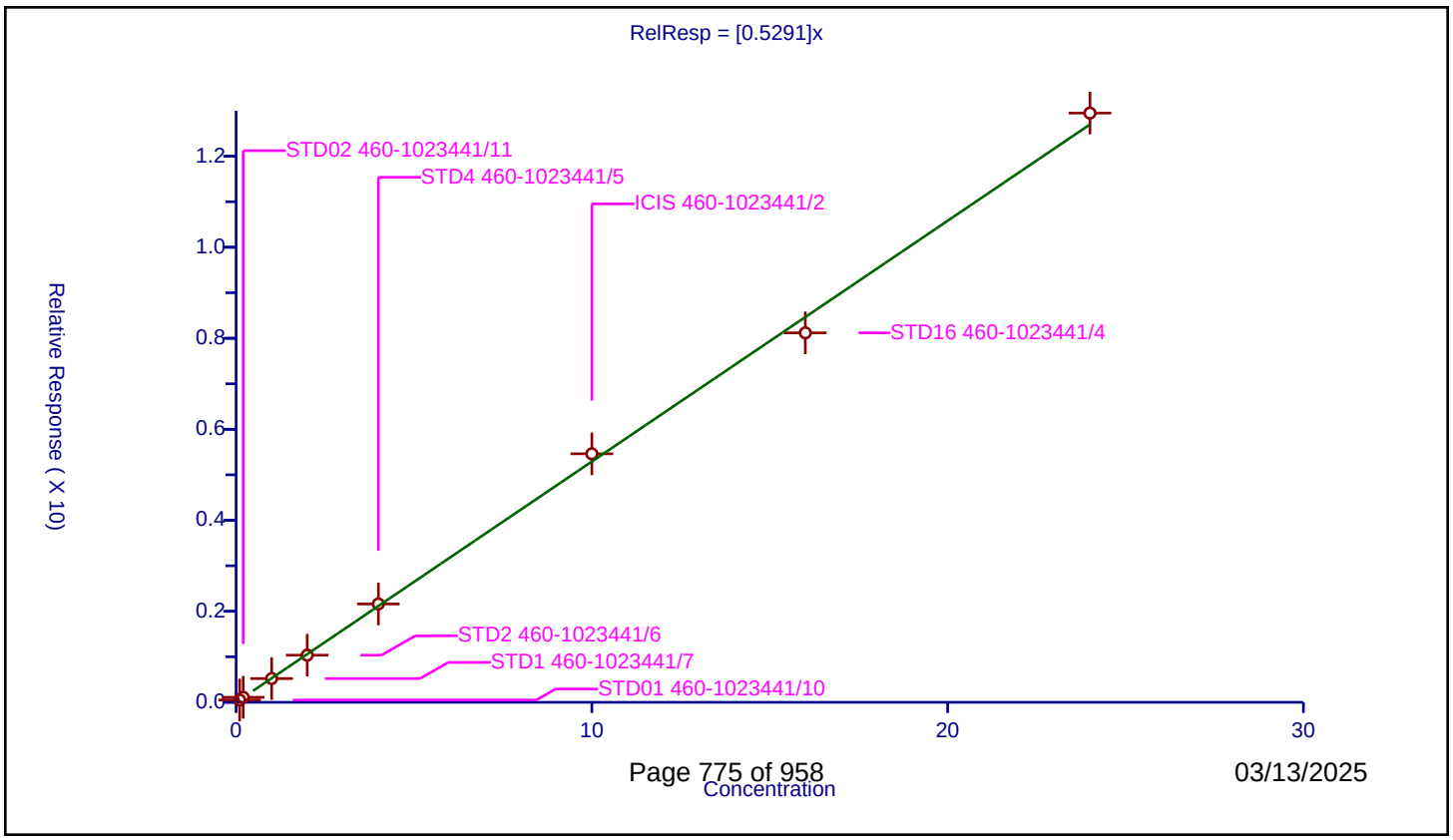
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5291 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.050971 | 8.0 | 494084.0 | 0.509711 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.110007 | 8.0 | 483898.0 | 0.550033 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.521879 | 8.0 | 519952.0 | 0.521879 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 1.035751 | 8.0 | 505797.0 | 0.517876 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 2.161164 | 8.0 | 491724.0 | 0.540291 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 5.461025 | 8.0 | 490201.0 | 0.546103 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 8.118907 | 8.0 | 531910.0 | 0.507432 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 12.94886 | 8.0 | 491824.0 | 0.539536 | Y |



## Calibration / N-Nitrosodimethylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

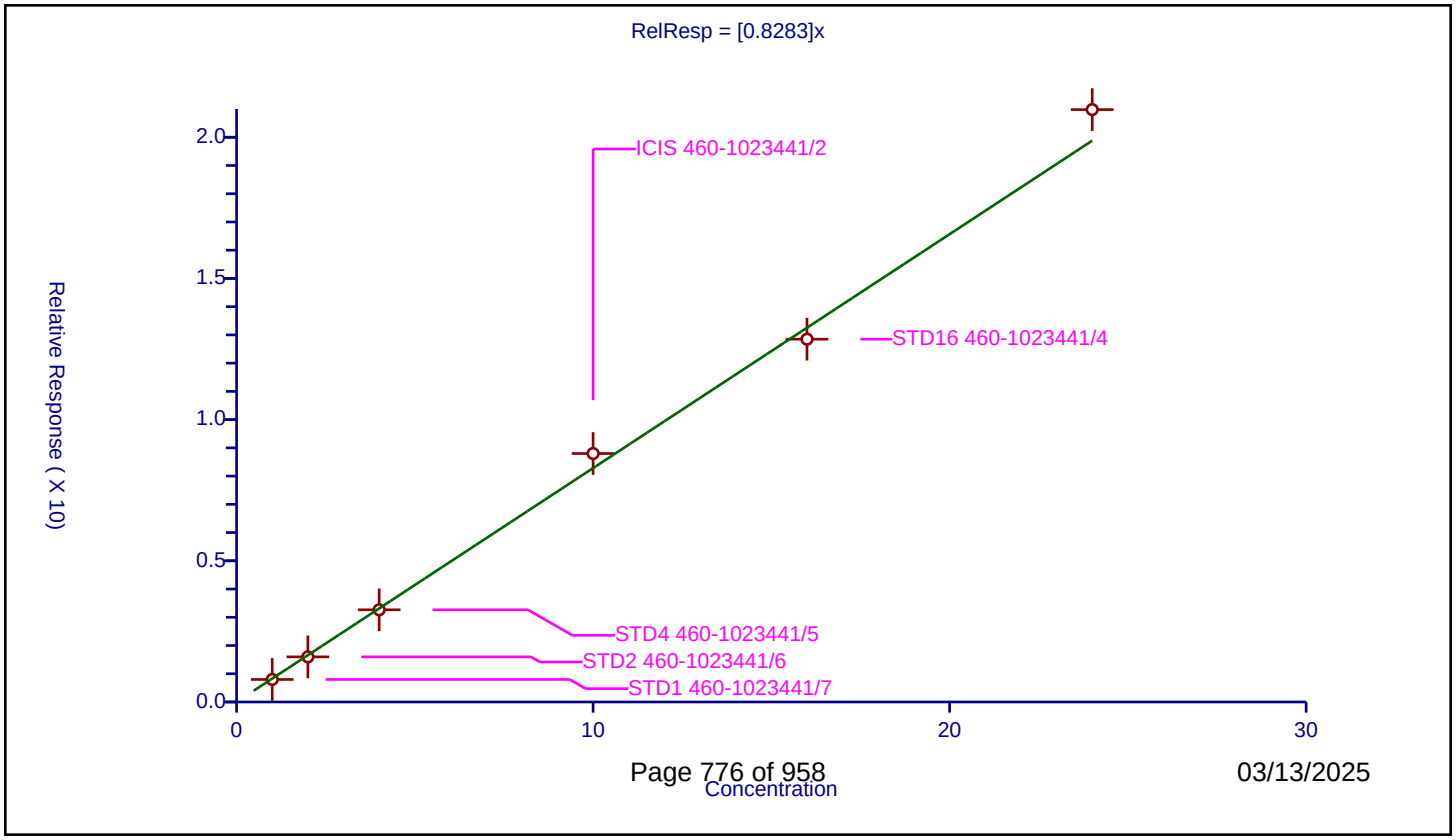
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8283 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.79752 | 8.0 | 519952.0 | 0.79752 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.597858 | 8.0 | 505797.0 | 0.798929 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 3.265539 | 8.0 | 491724.0 | 0.816385 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 8.799313 | 8.0 | 490201.0 | 0.879931 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 12.848535 | 8.0 | 531910.0 | 0.803033 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 20.979277 | 8.0 | 491824.0 | 0.874137 | Y |



## Calibration / Pyridine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

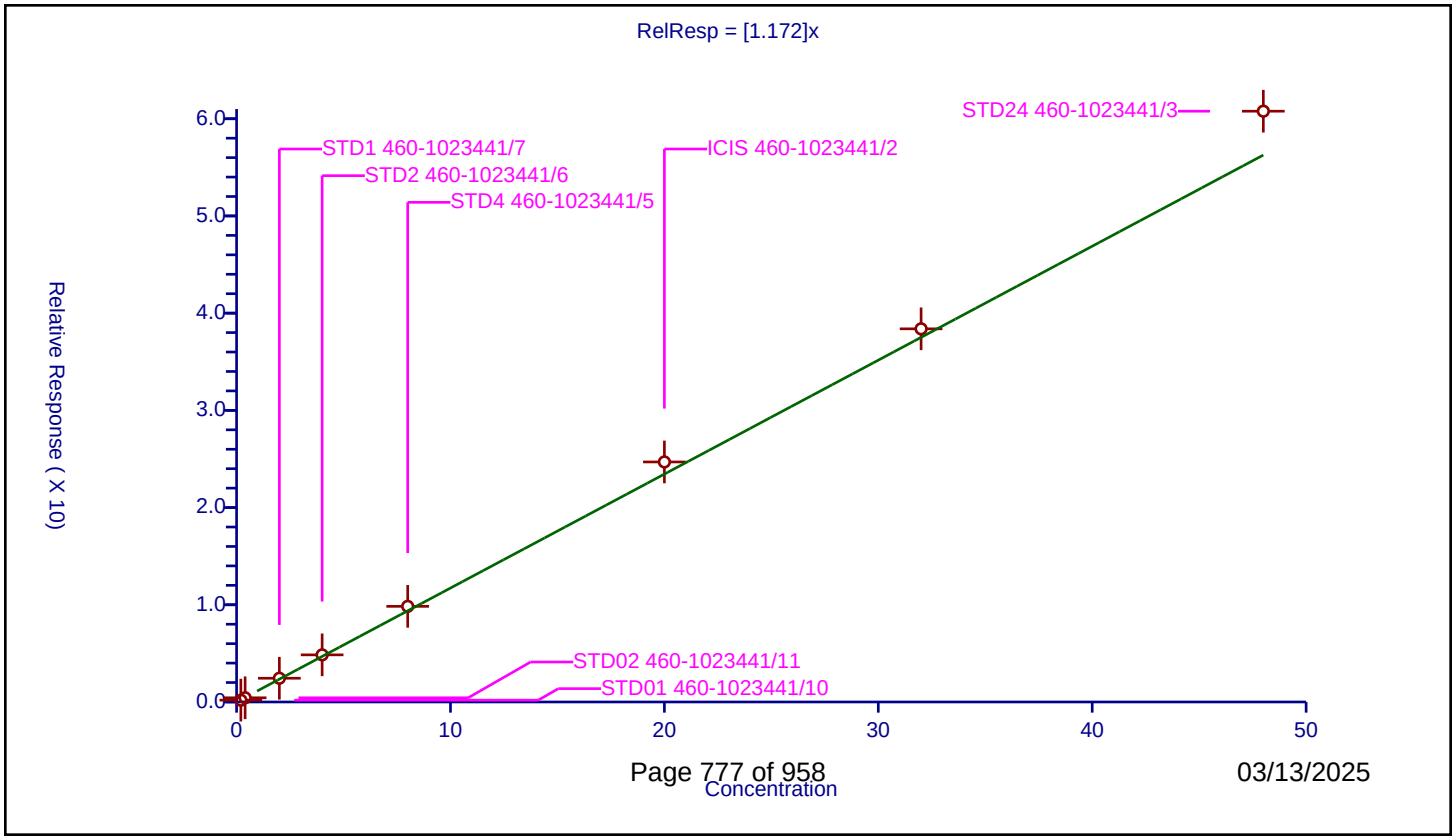
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.172 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.2 | 0.186657 | 8.0 | 494084.0 | 0.933283 | Y |
| 2 | STD02 460-1023441/11 | 0.4 | 0.431926 | 8.0 | 483898.0 | 1.079814 | Y |
| 3 | STD1 460-1023441/7 | 2.0 | 2.443379 | 8.0 | 519952.0 | 1.22169 | Y |
| 4 | STD2 460-1023441/6 | 4.0 | 4.84868 | 8.0 | 505797.0 | 1.21217 | Y |
| 5 | STD4 460-1023441/5 | 8.0 | 9.838348 | 8.0 | 491724.0 | 1.229794 | Y |
| 6 | ICIS 460-1023441/2 | 20.0 | 24.692777 | 8.0 | 490201.0 | 1.234639 | Y |
| 7 | STD16 460-1023441/4 | 32.0 | 38.386389 | 8.0 | 531910.0 | 1.199575 | Y |
| 8 | STD24 460-1023441/3 | 48.0 | 60.775643 | 8.0 | 491824.0 | 1.266159 | Y |






03/13/2025

## Calibration / 2-Fluorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

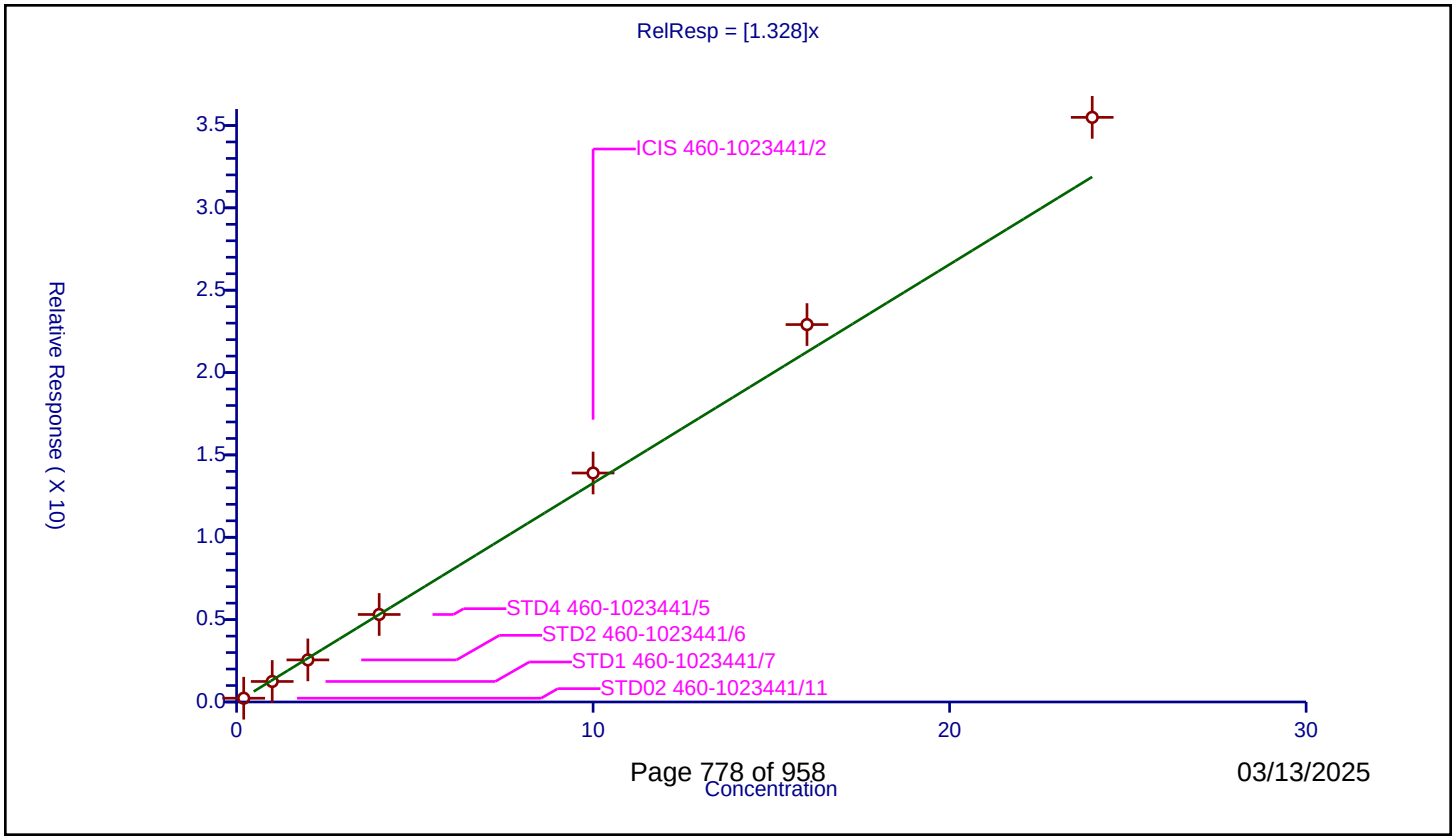
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.328 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.229023 | 8.0 | 483898.0 | 1.145117 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 1.2457 | 8.0 | 519952.0 | 1.2457 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 2.555871 | 8.0 | 505797.0 | 1.277936 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 5.312932 | 8.0 | 491724.0 | 1.328233 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 13.901432 | 8.0 | 490201.0 | 1.390143 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 22.913906 | 8.0 | 531910.0 | 1.432119 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 35.493803 | 8.0 | 491824.0 | 1.478908 | Y |



## Calibration / Benzaldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

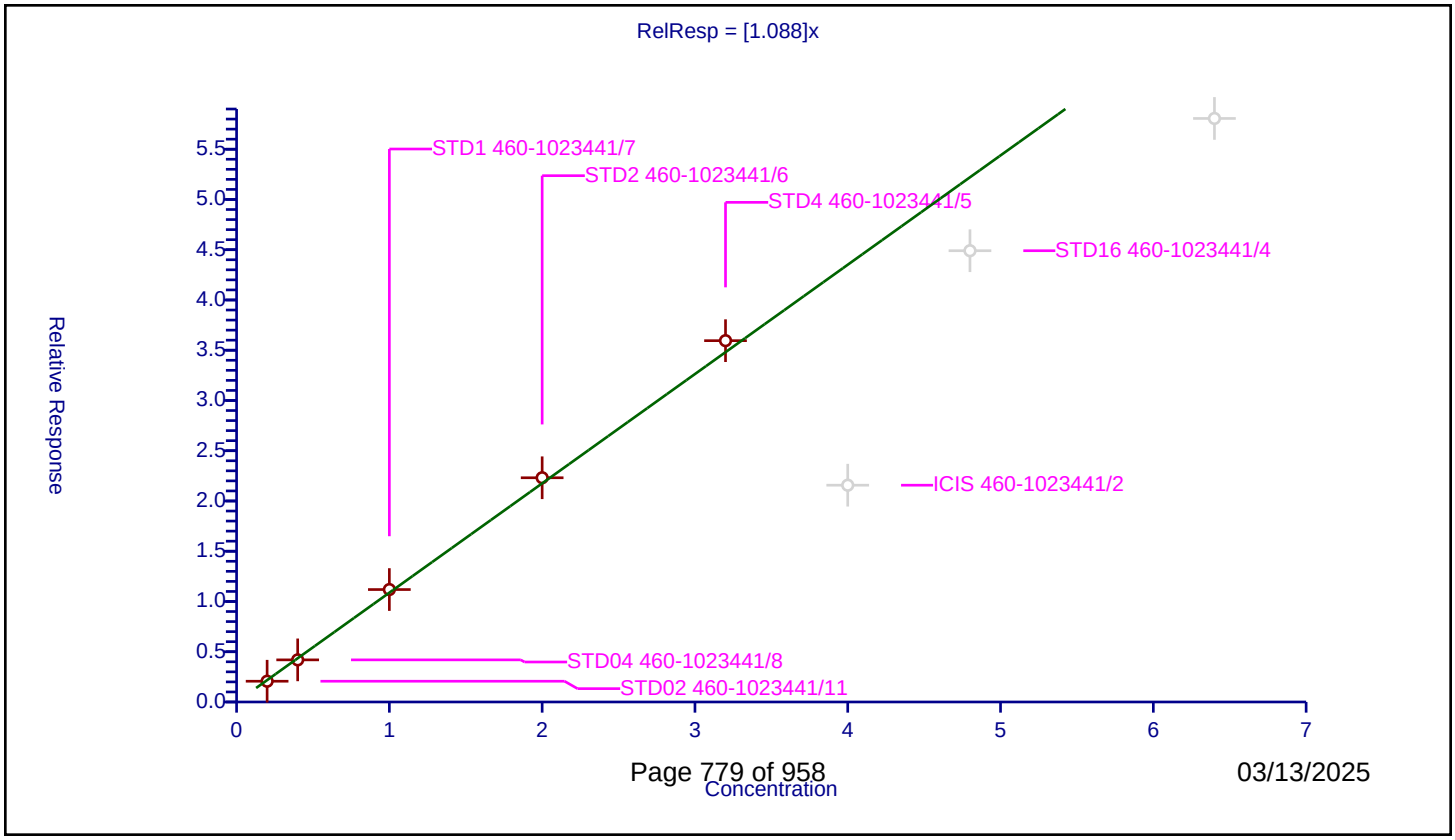
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.088 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.206589 | 8.0 | 483898.0 | 1.032945 | Y |
| 2 | STD04 460-1023441/8 | 0.4 | 0.418987 | 8.0 | 522384.0 | 1.047467 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.118811 | 8.0 | 519952.0 | 1.118811 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.231124 | 8.0 | 505797.0 | 1.115562 | Y |
| 5 | STD4 460-1023441/5 | 3.2 | 3.595155 | 8.0 | 491724.0 | 1.123486 | Y |
| 6 | ICIS 460-1023441/2 | 4.0 | 2.156976 | 8.0 | 490201.0 | 0.539244 | N |
| 7 | STD16 460-1023441/4 | 4.8 | 4.489963 | 8.0 | 531910.0 | 0.935409 | N |
| 8 | STD24 460-1023441/3 | 6.4 | 5.806093 | 8.0 | 491824.0 | 0.907202 | N |



## Calibration / Phenol-d5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

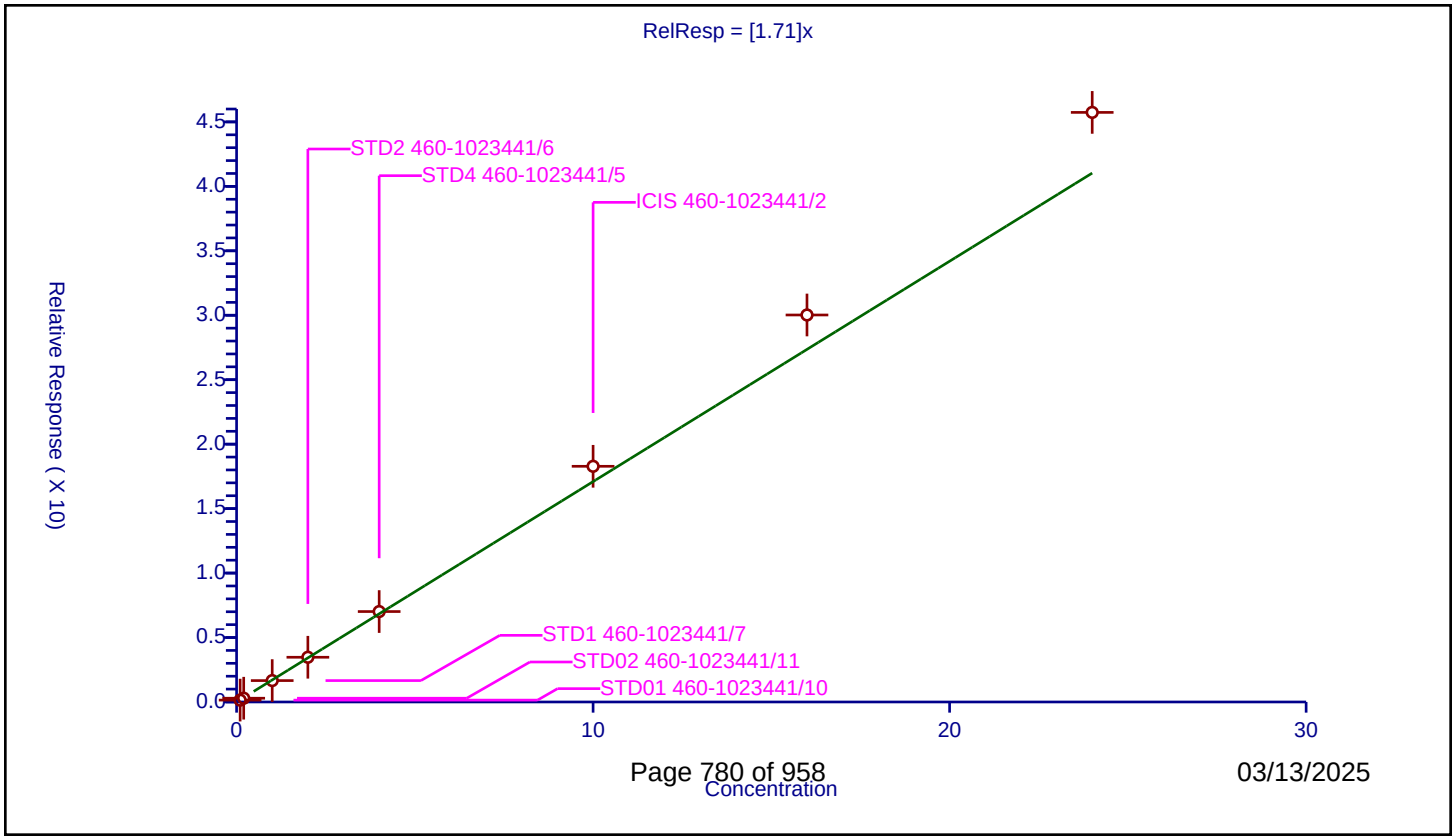
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.71 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.144996 | 8.0 | 494084.0 | 1.449956 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.293417 | 8.0 | 483898.0 | 1.467086 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.660461 | 8.0 | 519952.0 | 1.660461 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 3.469677 | 8.0 | 505797.0 | 1.734838 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 7.015171 | 8.0 | 491724.0 | 1.753793 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 18.283488 | 8.0 | 490201.0 | 1.828349 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 30.022101 | 8.0 | 531910.0 | 1.876381 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 45.736507 | 8.0 | 491824.0 | 1.905688 | Y |



## Calibration / Phenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

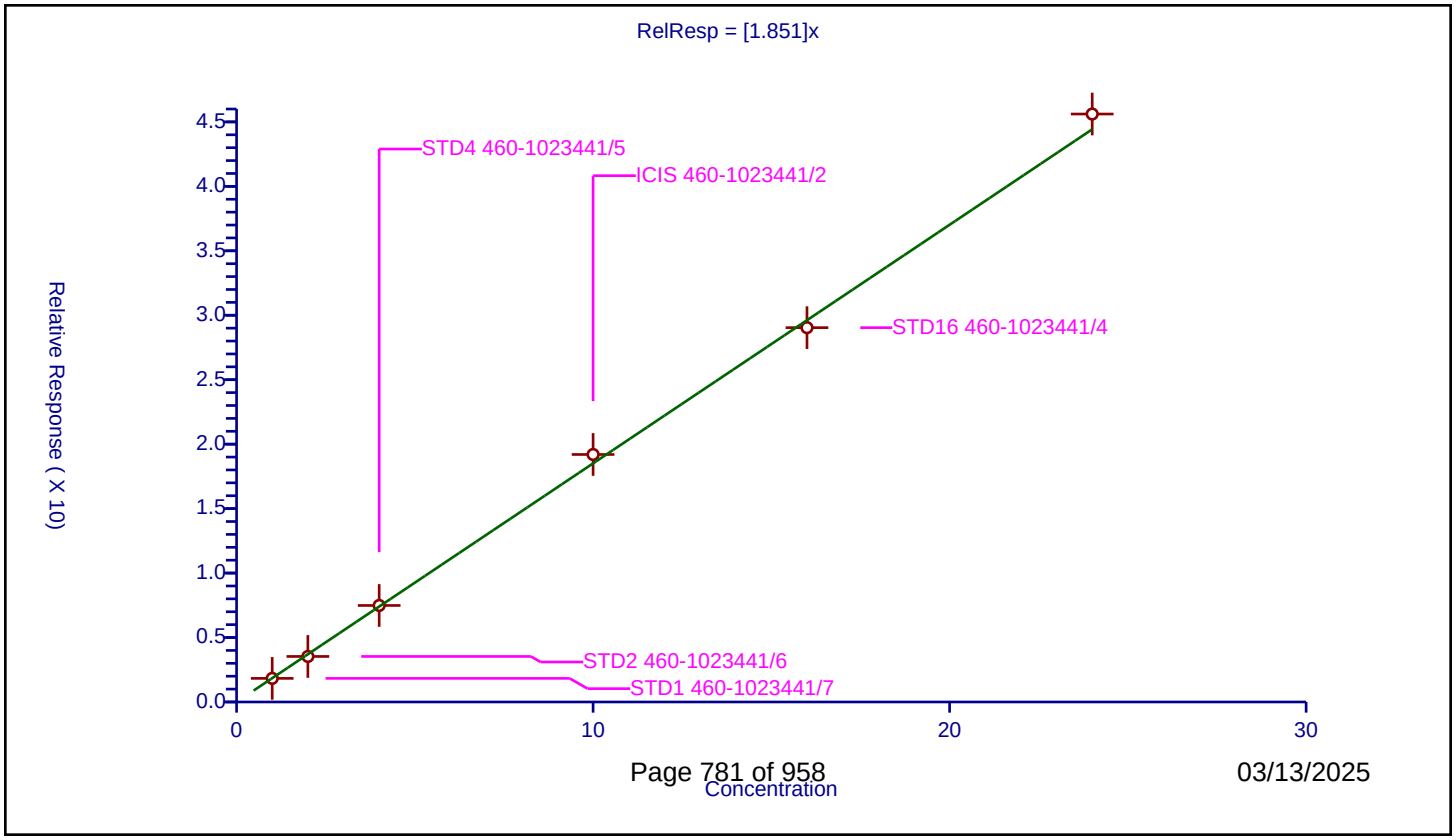
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.851 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.832369 | 8.0 | 519952.0 | 1.832369 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 3.532832 | 8.0 | 505797.0 | 1.766416 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 7.48781 | 8.0 | 491724.0 | 1.871953 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 19.199602 | 8.0 | 490201.0 | 1.91996 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 29.038296 | 8.0 | 531910.0 | 1.814893 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 45.610104 | 8.0 | 491824.0 | 1.900421 | Y |



## Calibration / Aniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

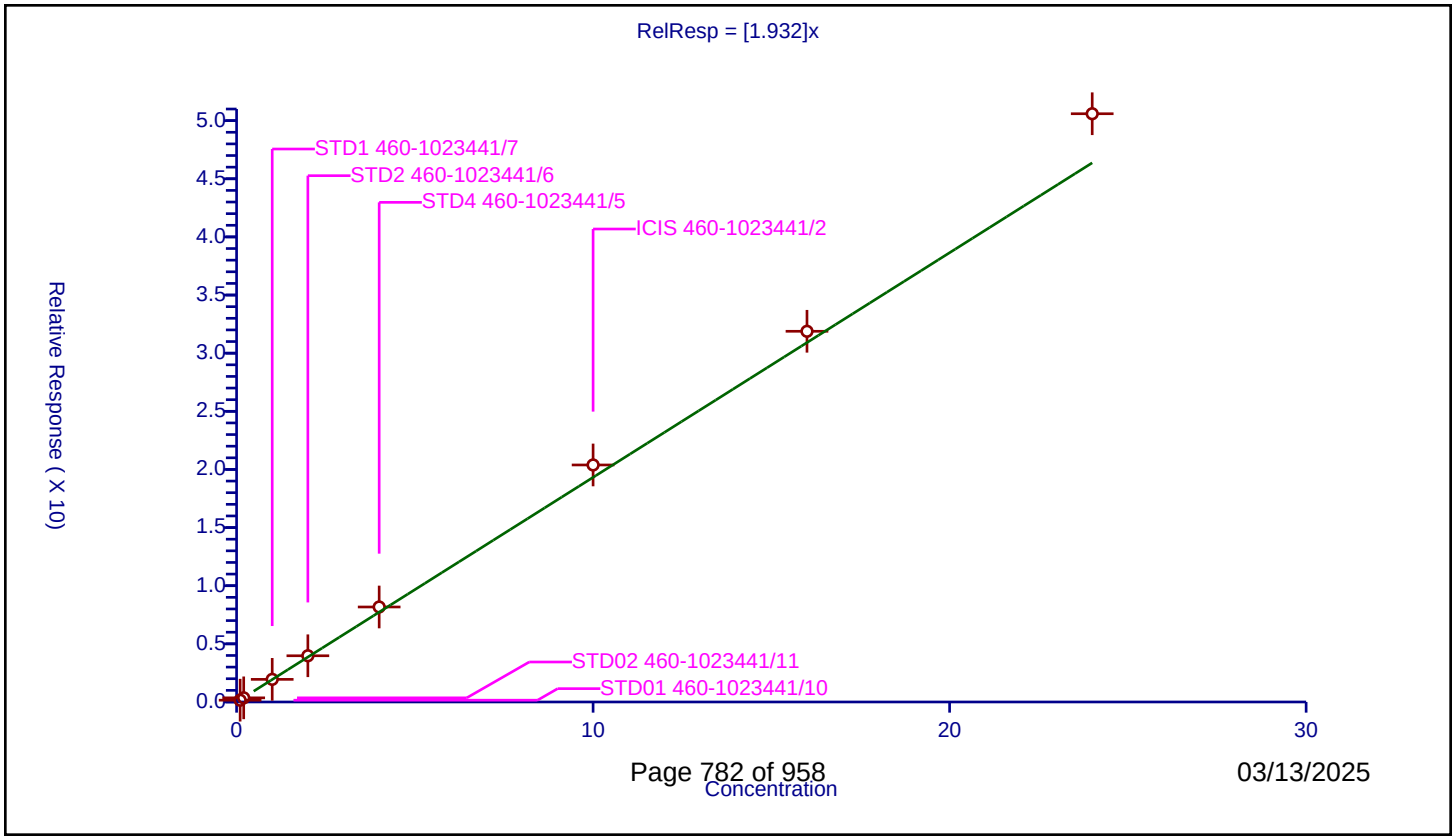
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.932 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.155666 | 8.0 | 494084.0 | 1.556658 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.356769 | 8.0 | 483898.0 | 1.783847 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.946226 | 8.0 | 519952.0 | 1.946226 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 3.975049 | 8.0 | 505797.0 | 1.987525 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 8.17143 | 8.0 | 491724.0 | 2.042857 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 20.386201 | 8.0 | 490201.0 | 2.03862 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 31.882386 | 8.0 | 531910.0 | 1.992649 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 50.59309 | 8.0 | 491824.0 | 2.108045 | Y |



## Calibration / Bis(2-chloroethyl)ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

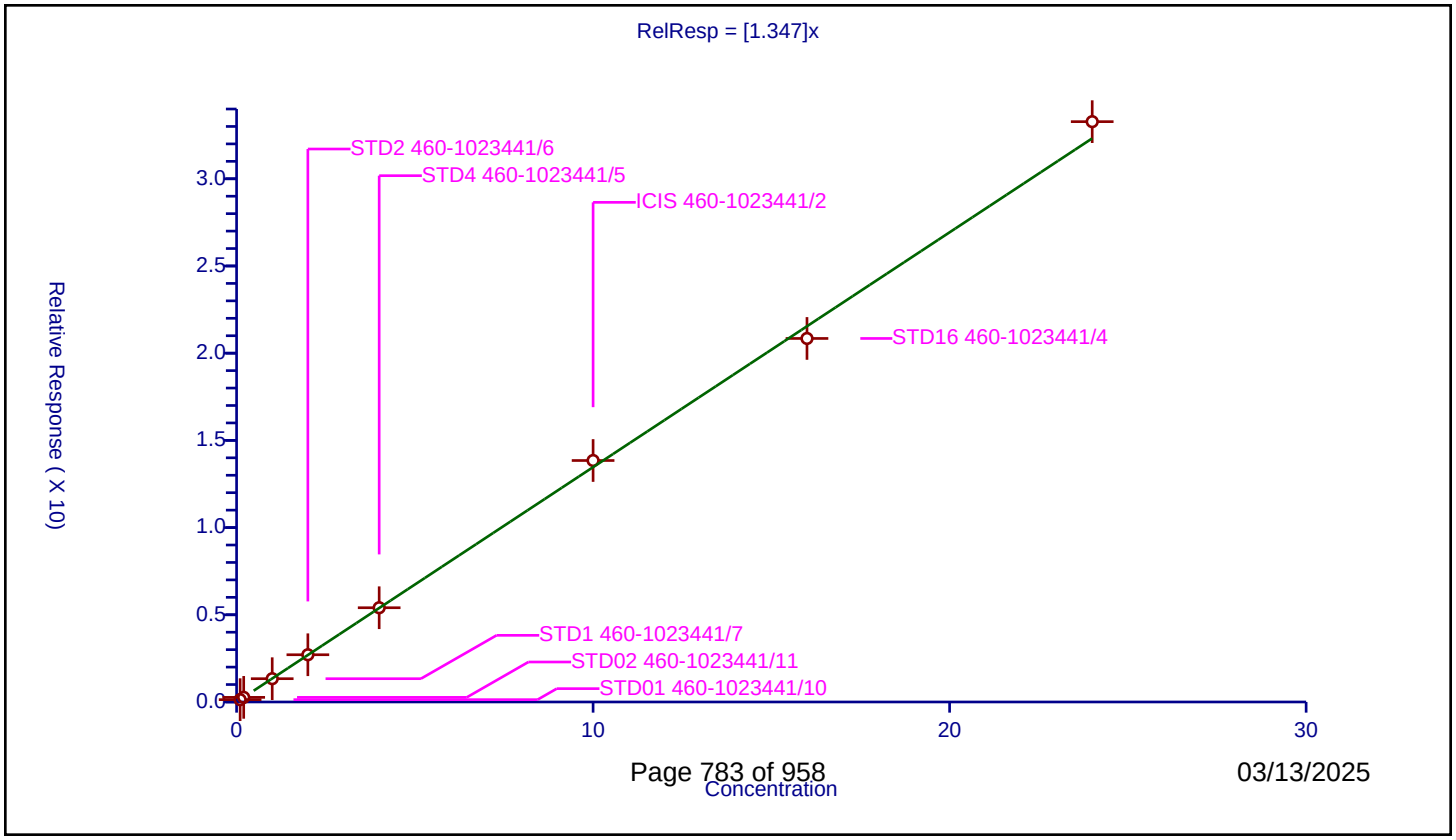
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.347 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.133046 | 8.0 | 494084.0 | 1.330462 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.265544 | 8.0 | 483898.0 | 1.327718 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.334969 | 8.0 | 519952.0 | 1.334969 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.707948 | 8.0 | 505797.0 | 1.353974 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 5.404837 | 8.0 | 491724.0 | 1.351209 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 13.845374 | 8.0 | 490201.0 | 1.384537 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 20.843887 | 8.0 | 531910.0 | 1.302743 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 33.275074 | 8.0 | 491824.0 | 1.386461 | Y |



## Calibration / 2-Chlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

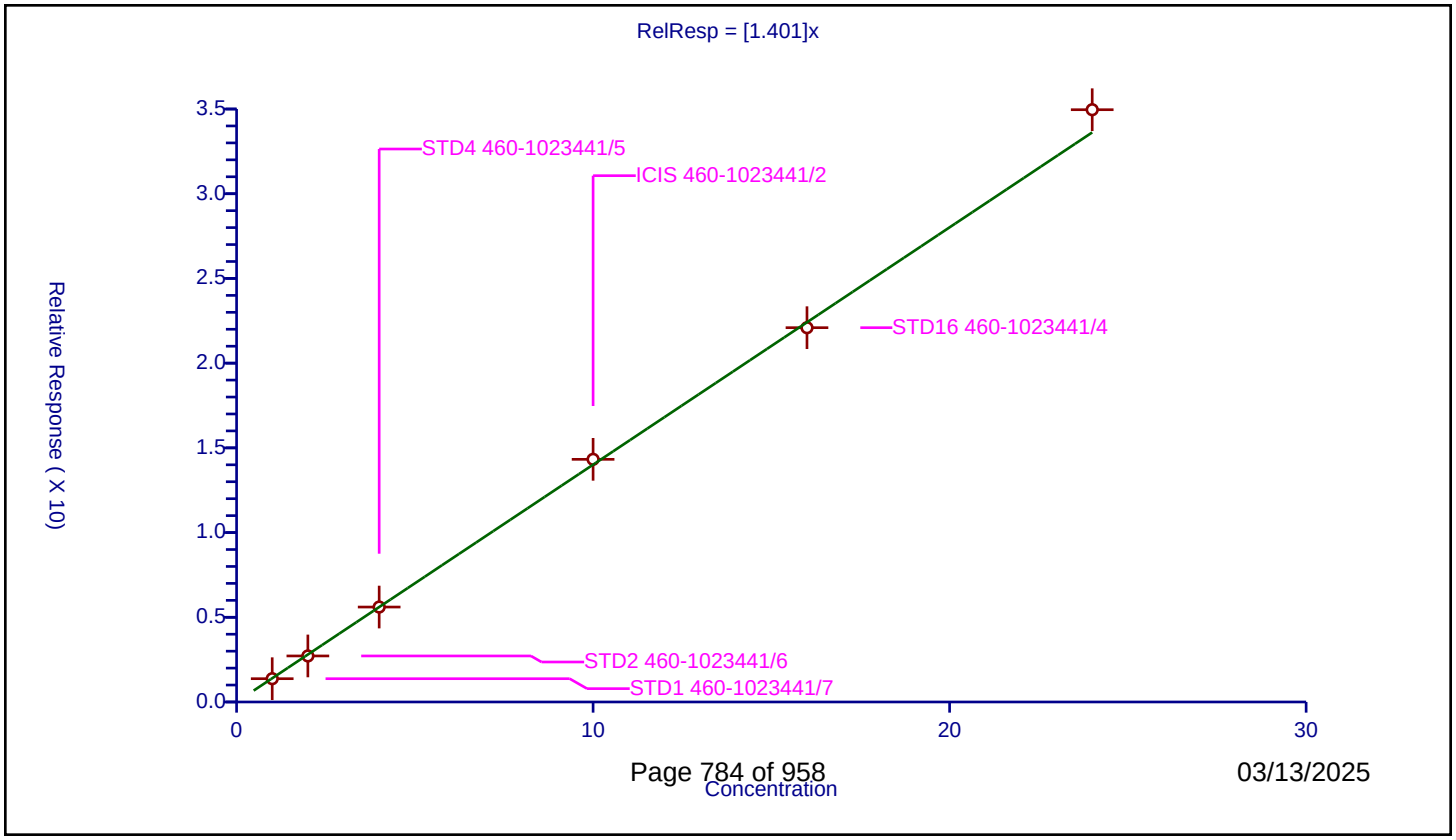
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.401 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.375404 | 8.0 | 519952.0 | 1.375404 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.717169 | 8.0 | 505797.0 | 1.358585 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 5.603534 | 8.0 | 491724.0 | 1.400883 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 14.322859 | 8.0 | 490201.0 | 1.432286 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 22.092489 | 8.0 | 531910.0 | 1.380781 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 34.958505 | 8.0 | 491824.0 | 1.456604 | Y |



## Calibration / n-Decane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

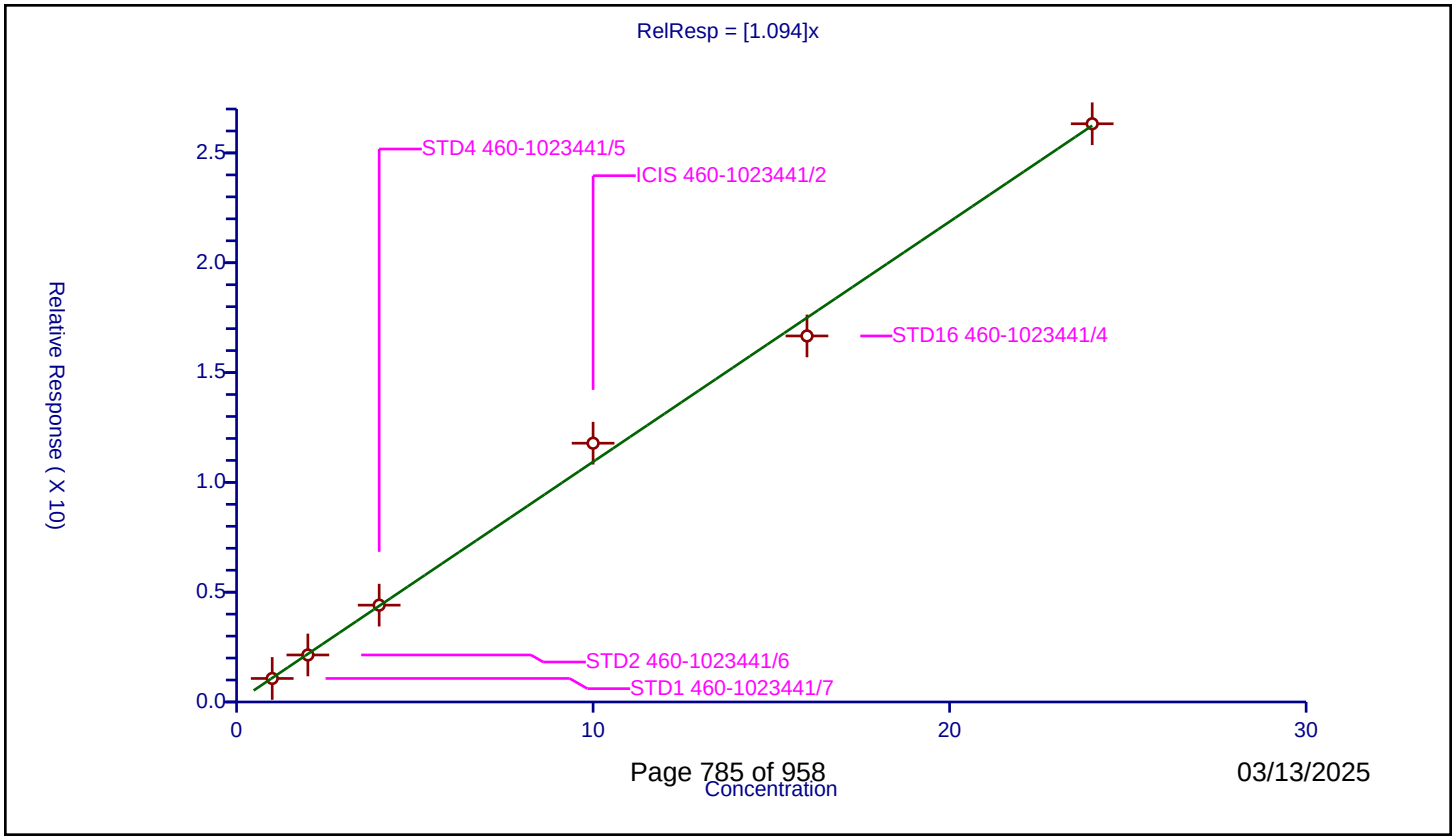
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.094 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.071391 | 8.0 | 519952.0 | 1.071391 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.141602 | 8.0 | 505797.0 | 1.070801 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 4.408831 | 8.0 | 491724.0 | 1.102208 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 11.783477 | 8.0 | 490201.0 | 1.178348 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 16.666714 | 8.0 | 531910.0 | 1.04167 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 26.329045 | 8.0 | 491824.0 | 1.097044 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

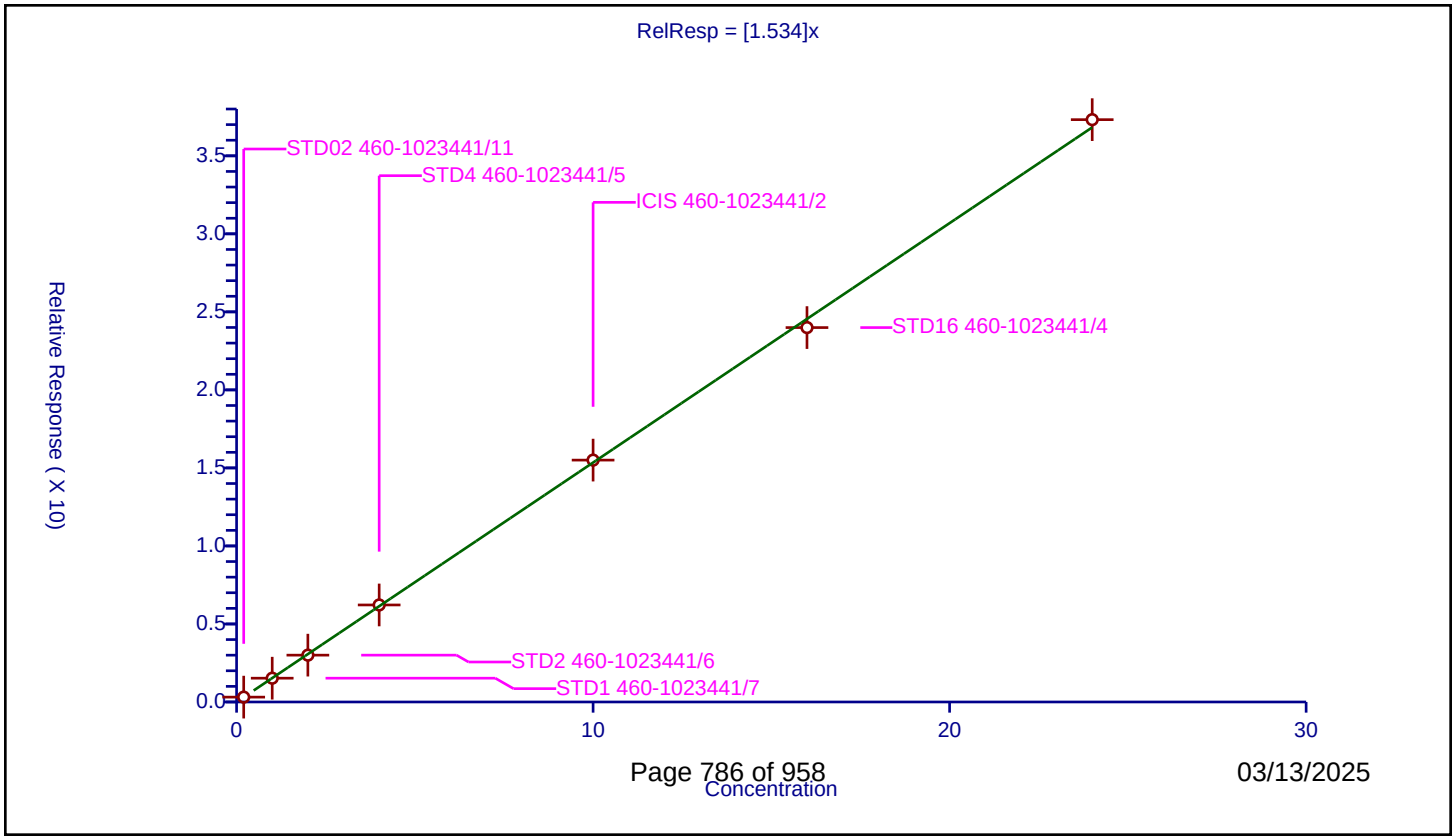
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.534 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.311223 | 8.0 | 483898.0 | 1.556113 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 1.524356 | 8.0 | 519952.0 | 1.524356 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 3.000904 | 8.0 | 505797.0 | 1.500452 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 6.218253 | 8.0 | 491724.0 | 1.554563 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 15.500923 | 8.0 | 490201.0 | 1.550092 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 23.993051 | 8.0 | 531910.0 | 1.499566 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 37.318943 | 8.0 | 491824.0 | 1.554956 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

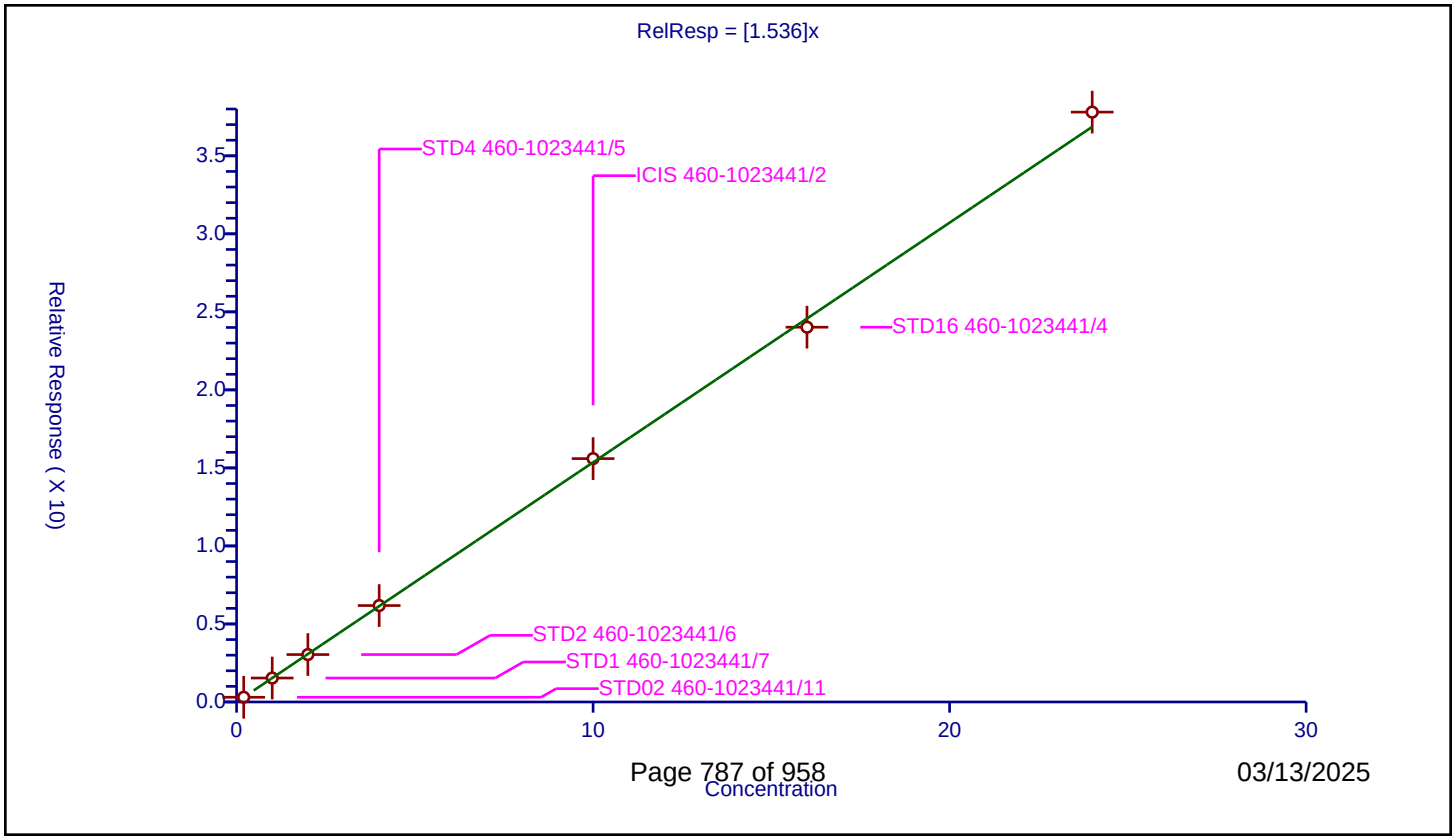
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.536 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.303023 | 8.0 | 483898.0 | 1.515113 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 1.534742 | 8.0 | 519952.0 | 1.534742 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 3.038974 | 8.0 | 505797.0 | 1.519487 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 6.18098 | 8.0 | 491724.0 | 1.545245 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 15.596476 | 8.0 | 490201.0 | 1.559648 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 24.018575 | 8.0 | 531910.0 | 1.501161 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 37.801279 | 8.0 | 491824.0 | 1.575053 | Y |



## Calibration / Benzyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

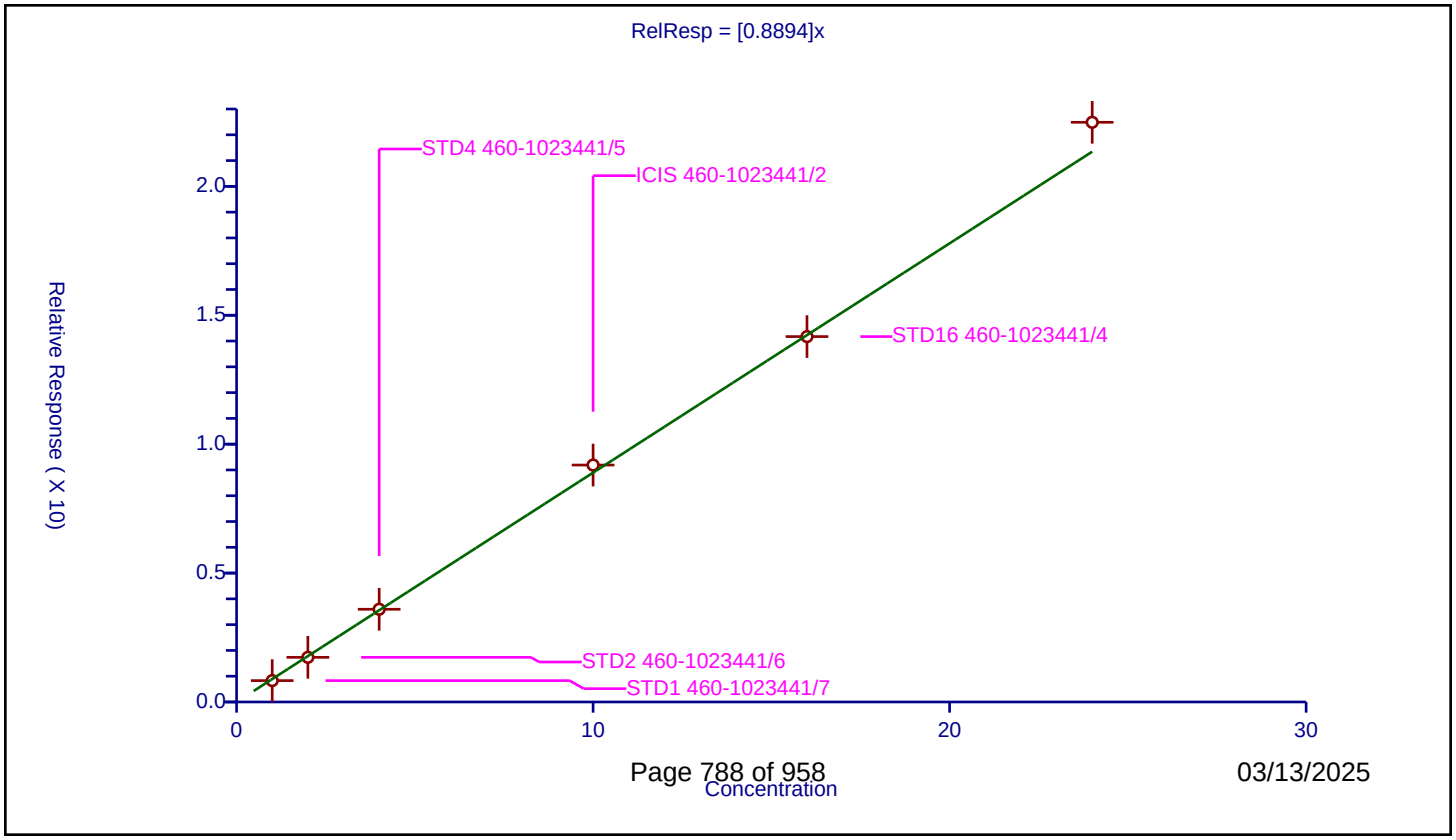
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8894 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.829492 | 8.0 | 519952.0 | 0.829492 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.732458 | 8.0 | 505797.0 | 0.866229 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 3.596424 | 8.0 | 491724.0 | 0.899106 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 9.190418 | 8.0 | 490201.0 | 0.919042 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 14.172563 | 8.0 | 531910.0 | 0.885785 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 22.485117 | 8.0 | 491824.0 | 0.93688 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

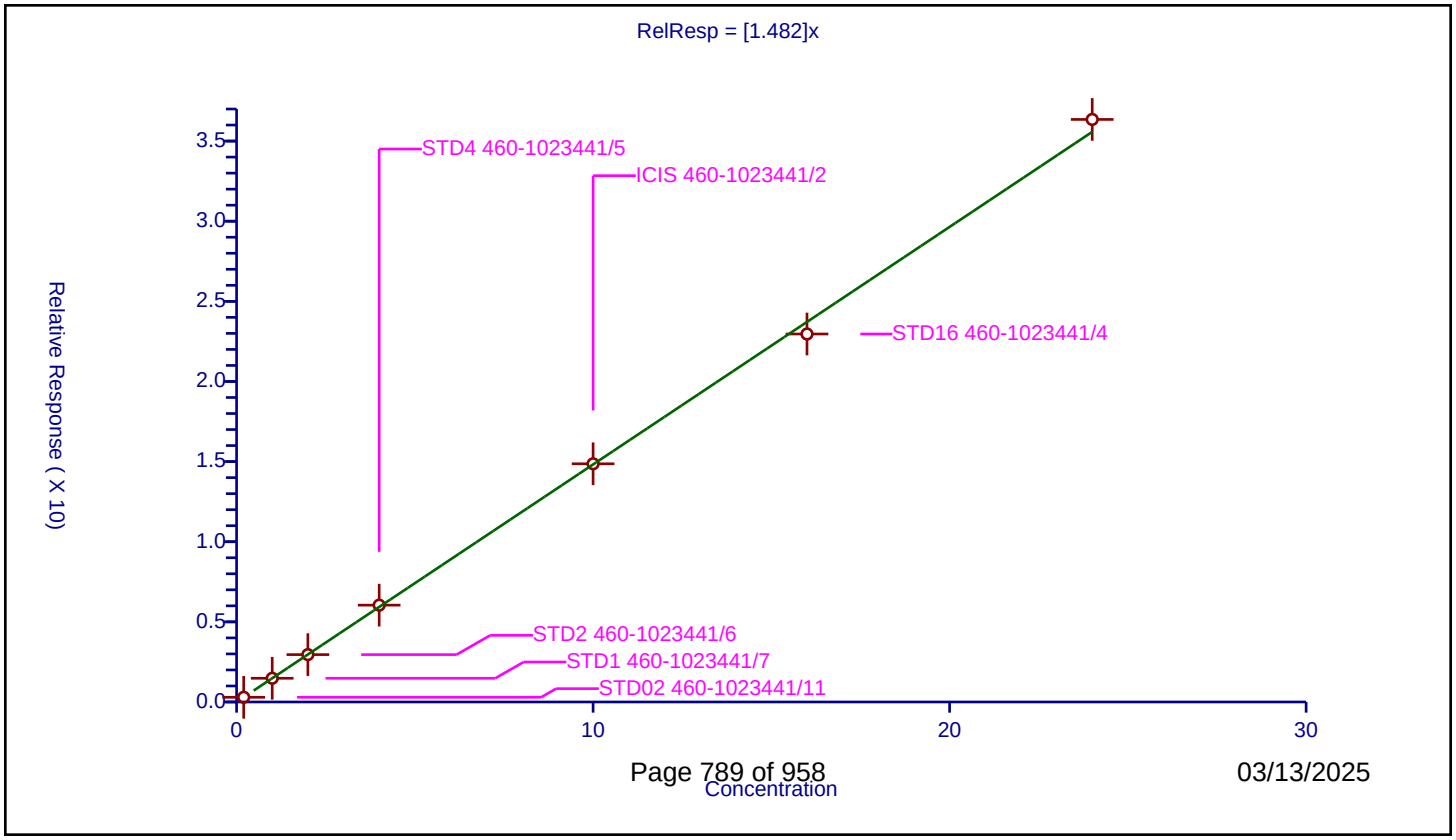
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.482 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.294211 | 8.0 | 483898.0 | 1.471054 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 1.479614 | 8.0 | 519952.0 | 1.479614 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 2.95619 | 8.0 | 505797.0 | 1.478095 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 6.042268 | 8.0 | 491724.0 | 1.510567 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 14.863585 | 8.0 | 490201.0 | 1.486358 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 22.96202 | 8.0 | 531910.0 | 1.435126 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 36.349052 | 8.0 | 491824.0 | 1.514544 | Y |



## Calibration / 2-Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

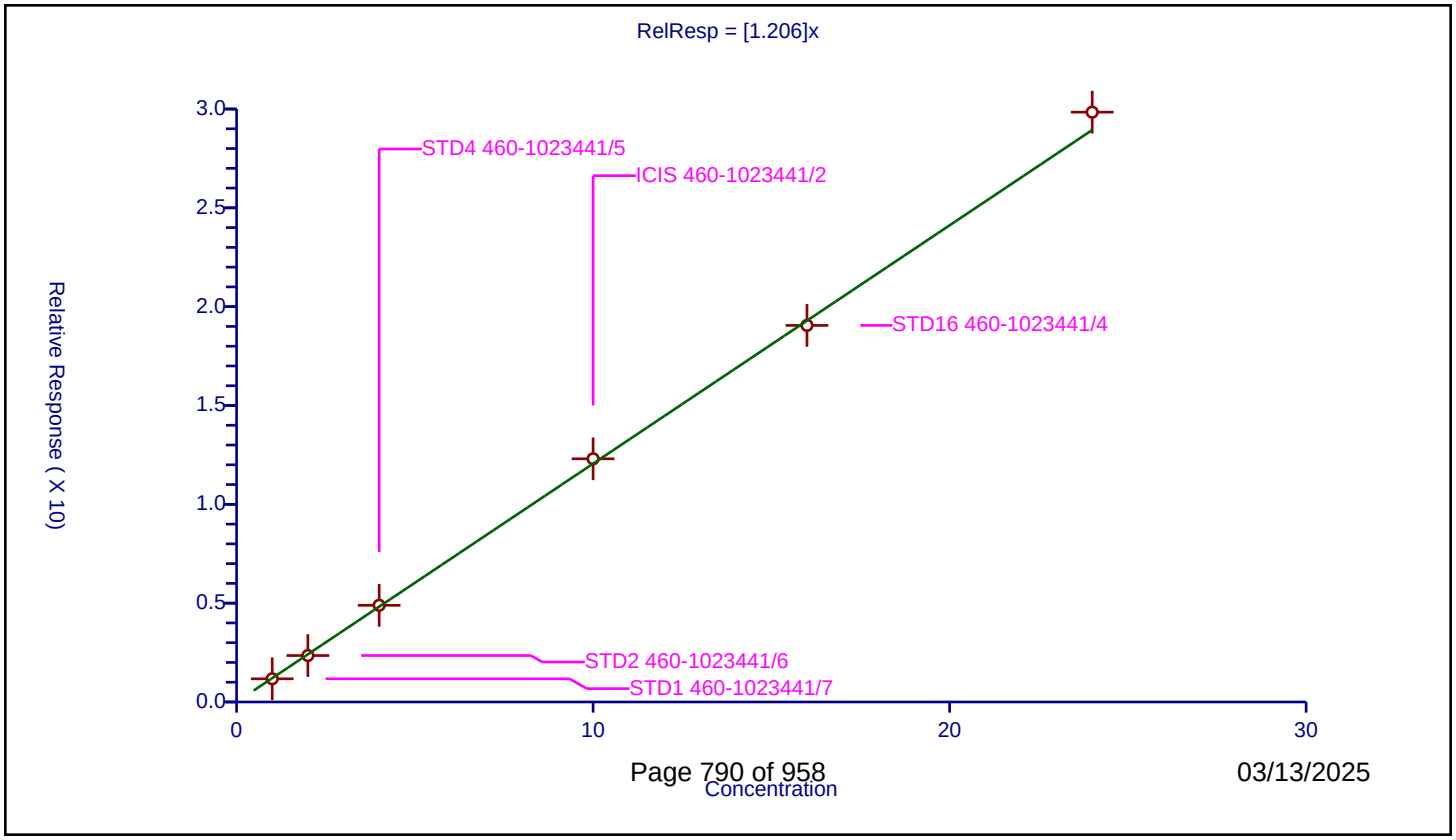
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.206 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.172508 | 8.0 | 519952.0 | 1.172508 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.349638 | 8.0 | 505797.0 | 1.174819 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 4.89102 | 8.0 | 491724.0 | 1.222755 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 12.30279 | 8.0 | 490201.0 | 1.230279 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 19.052381 | 8.0 | 531910.0 | 1.190774 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 29.840919 | 8.0 | 491824.0 | 1.243372 | Y |



## Calibration / 2,2'-oxybis[1-chloropropane]

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

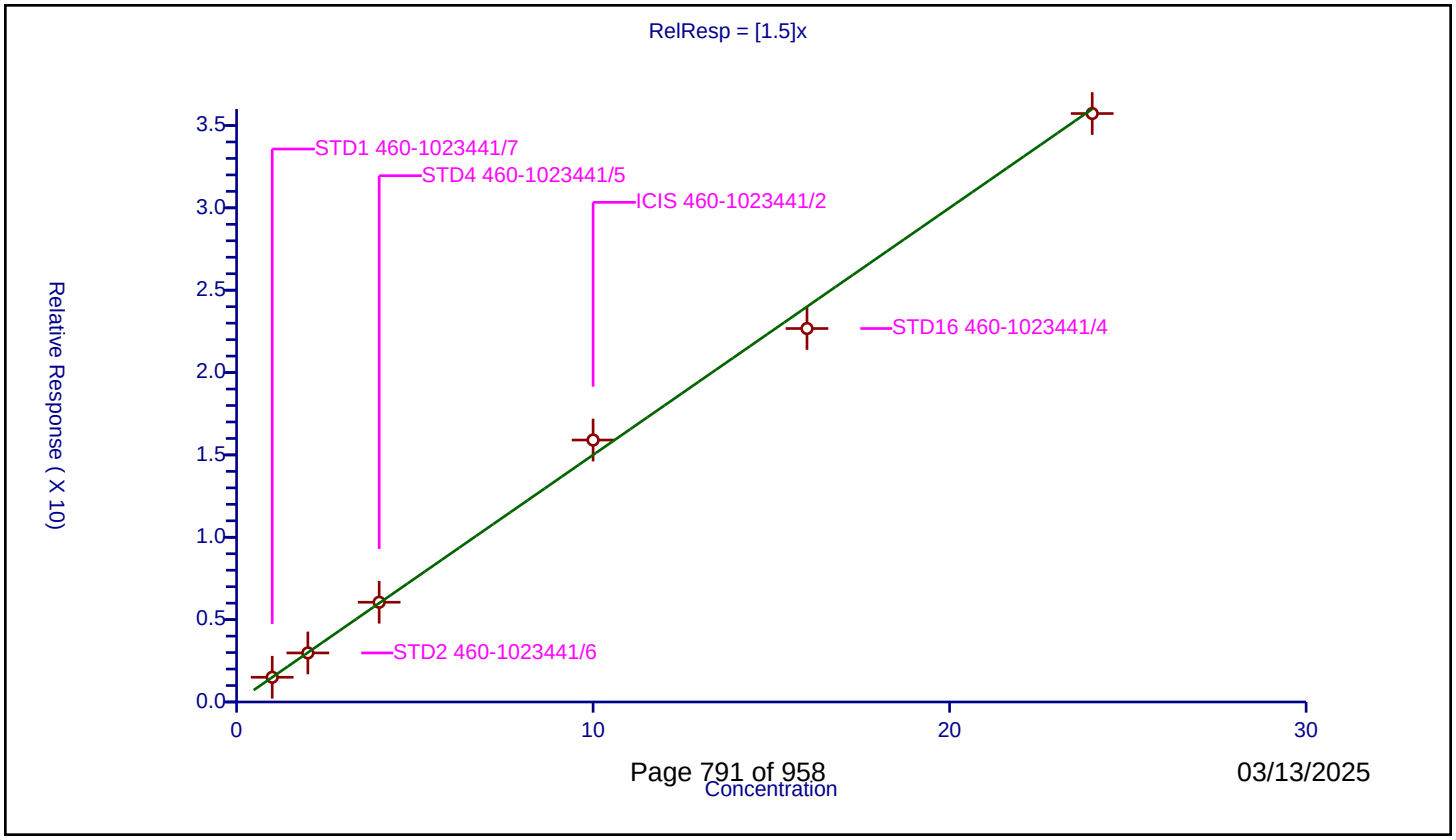
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.5 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.500892 | 8.0 | 519952.0 | 1.500892 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.977922 | 8.0 | 505797.0 | 1.488961 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 6.055023 | 8.0 | 491724.0 | 1.513756 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 15.904137 | 8.0 | 490201.0 | 1.590414 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 22.674272 | 8.0 | 531910.0 | 1.417142 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 35.726146 | 8.0 | 491824.0 | 1.488589 | Y |



## Calibration / N-Methylaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

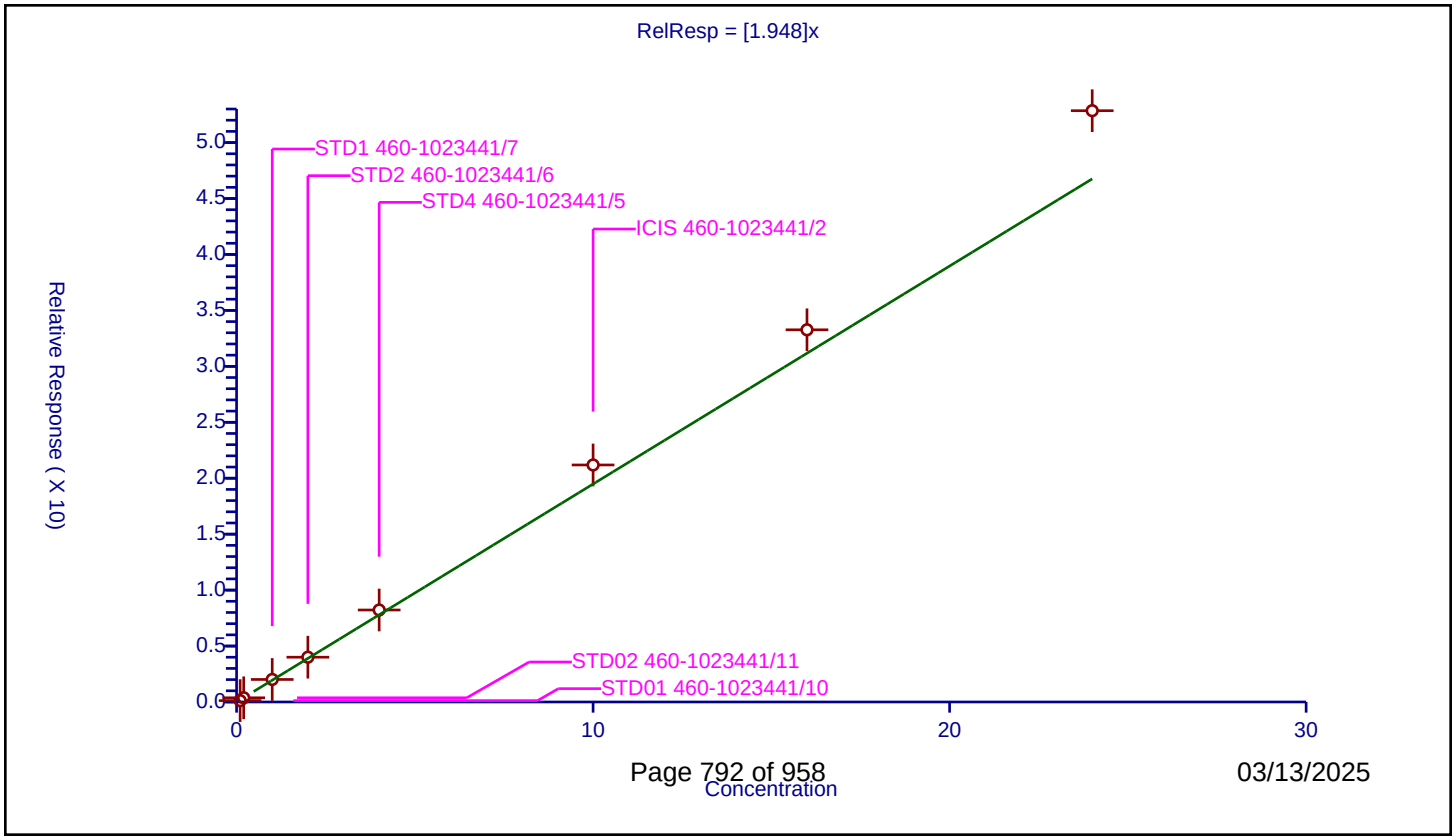
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.948 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.123607 | 8.0 | 494084.0 | 1.236065 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.375732 | 8.0 | 483898.0 | 1.87866 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 2.013755 | 8.0 | 519952.0 | 2.013755 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 4.003582 | 8.0 | 505797.0 | 2.001791 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 8.222027 | 8.0 | 491724.0 | 2.055507 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 21.184273 | 8.0 | 490201.0 | 2.118427 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 33.266079 | 8.0 | 531910.0 | 2.07913 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 52.850093 | 8.0 | 491824.0 | 2.202087 | Y |



## Calibration / Acetophenone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

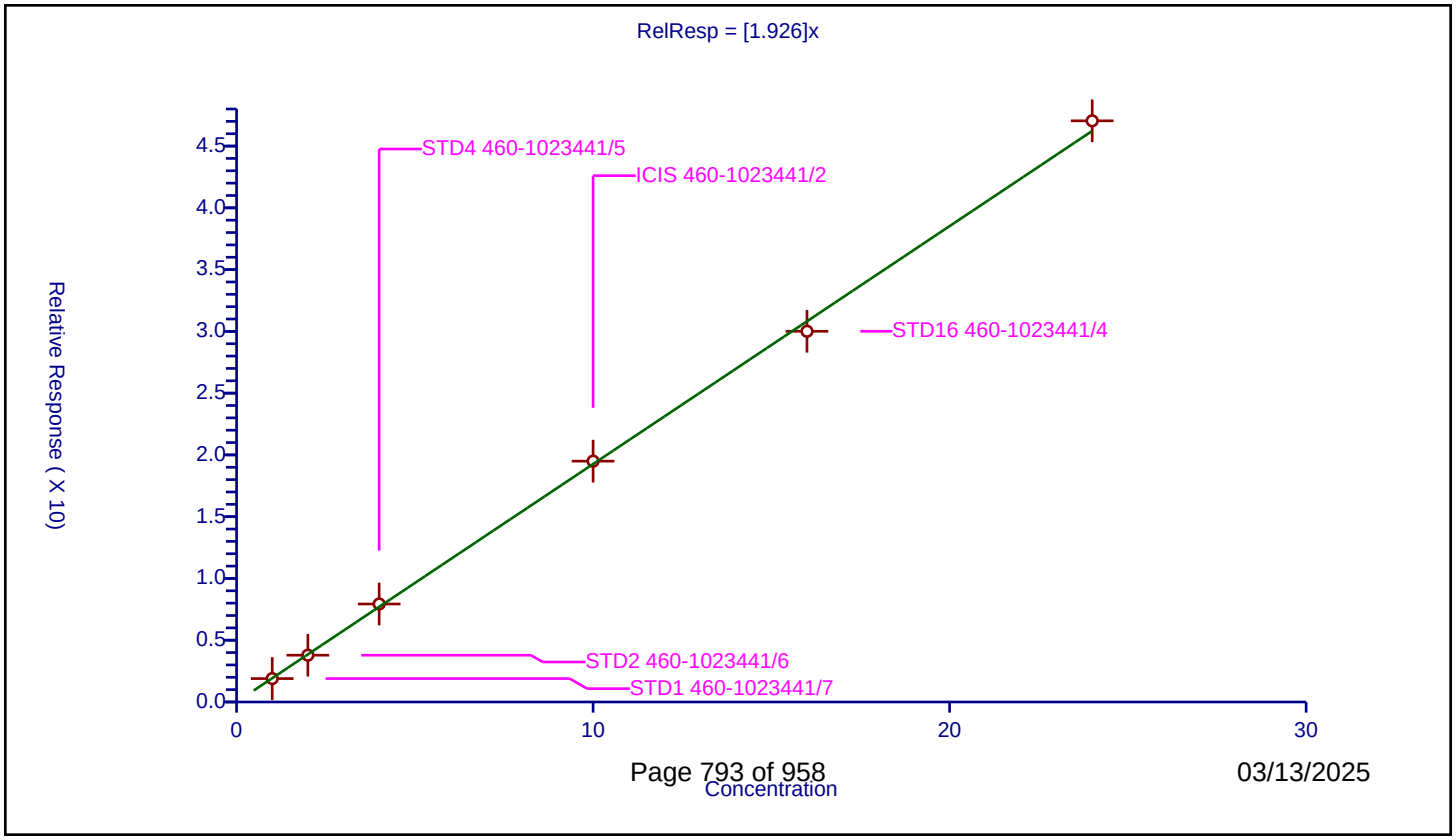
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.926 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.89419 | 8.0 | 519952.0 | 1.89419 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 3.787606 | 8.0 | 505797.0 | 1.893803 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 7.931653 | 8.0 | 491724.0 | 1.982913 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 19.494436 | 8.0 | 490201.0 | 1.949444 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 30.007498 | 8.0 | 531910.0 | 1.875469 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 47.044439 | 8.0 | 491824.0 | 1.960185 | Y |



## Calibration / N-Nitrosodi-n-propylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

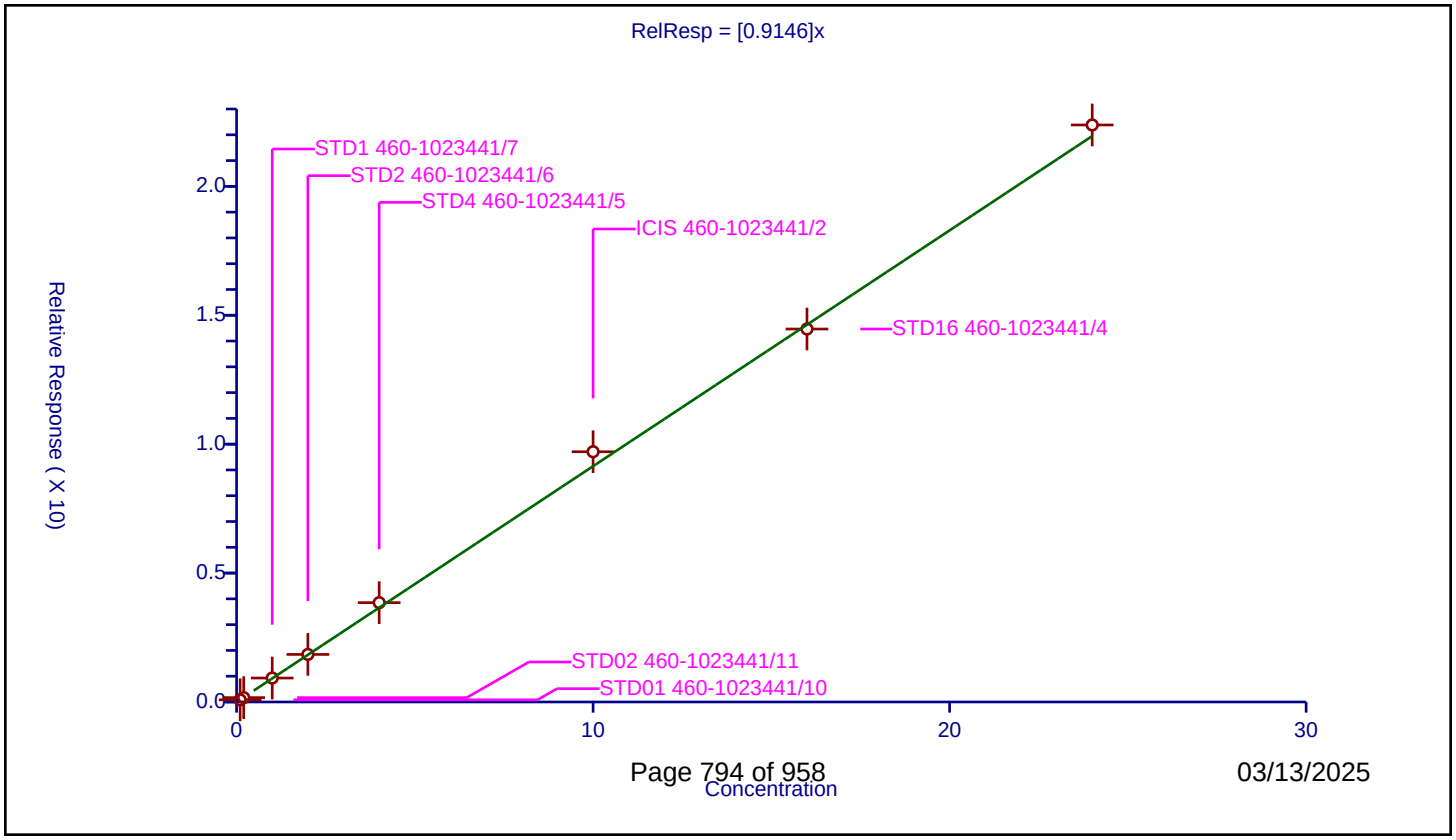
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9146 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.084763 | 8.0 | 494084.0 | 0.847629 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.169292 | 8.0 | 483898.0 | 0.846459 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.929624 | 8.0 | 519952.0 | 0.929624 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 1.844772 | 8.0 | 505797.0 | 0.922386 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 3.853463 | 8.0 | 491724.0 | 0.963366 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 9.706533 | 8.0 | 490201.0 | 0.970653 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 14.466357 | 8.0 | 531910.0 | 0.904147 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 22.381193 | 8.0 | 491824.0 | 0.93255 | Y |



## Calibration

## / 3 & 4 Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

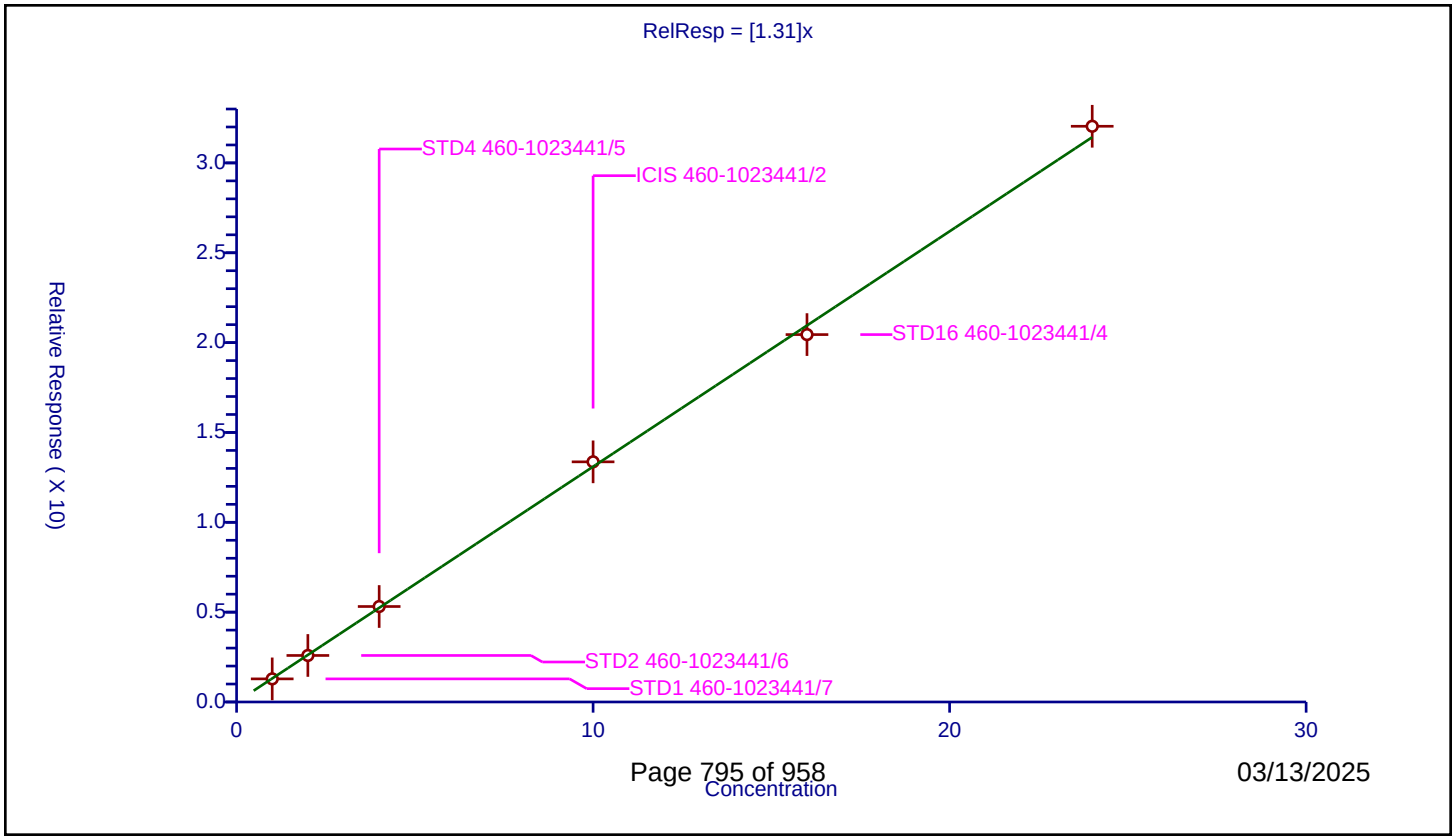
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.31 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.285734 | 8.0 | 519952.0 | 1.285734 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.588865 | 8.0 | 505797.0 | 1.294432 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 5.313046 | 8.0 | 491724.0 | 1.328261 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 13.36389 | 8.0 | 490201.0 | 1.336389 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 20.446196 | 8.0 | 531910.0 | 1.277887 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 32.039949 | 8.0 | 491824.0 | 1.334998 | Y |



## Calibration / 4-Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

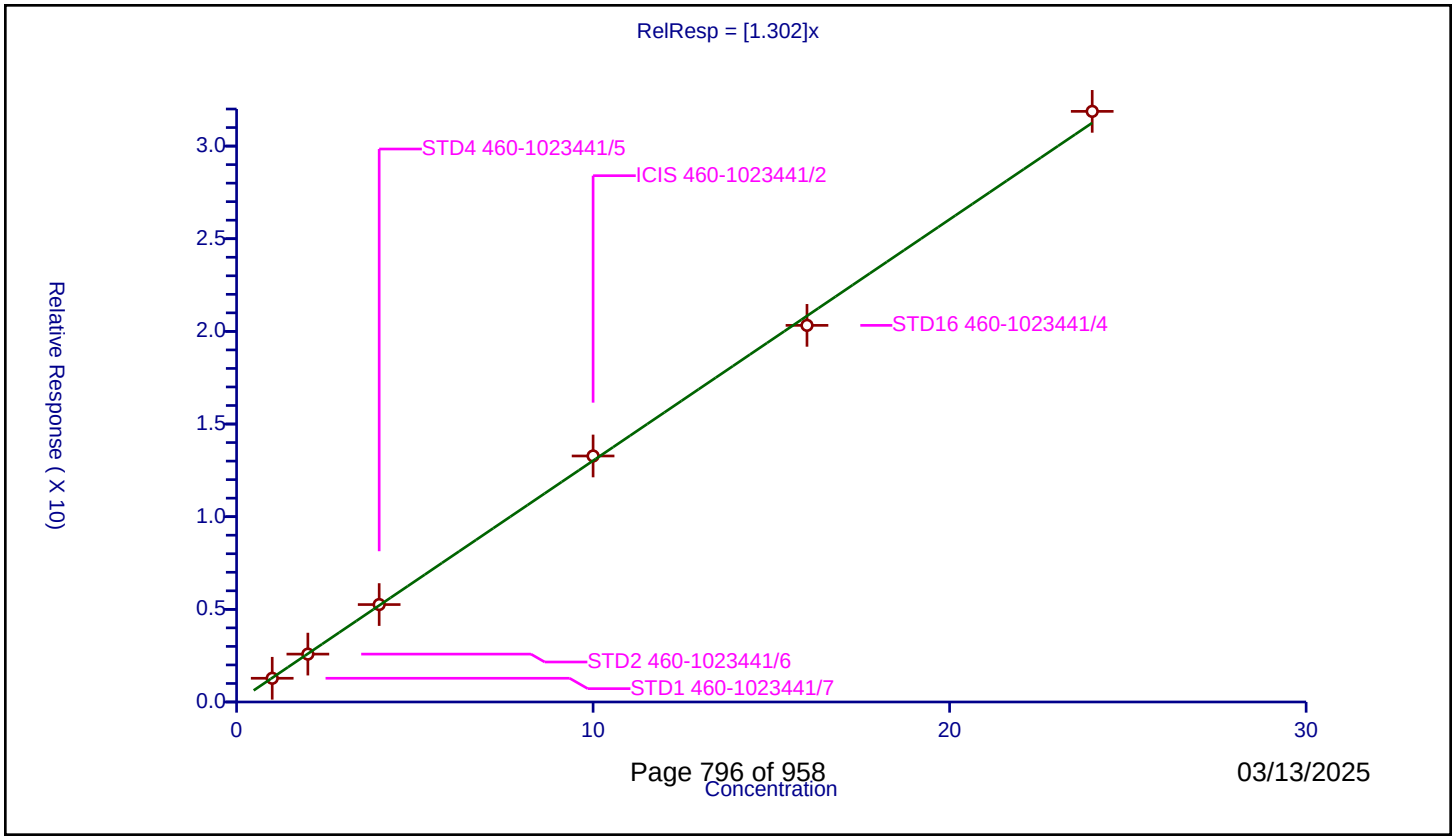
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.302 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.280503 | 8.0 | 519952.0 | 1.280503 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.584088 | 8.0 | 505797.0 | 1.292044 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 5.258039 | 8.0 | 491724.0 | 1.31451 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 13.275844 | 8.0 | 490201.0 | 1.327584 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 20.325138 | 8.0 | 531910.0 | 1.270321 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 31.873109 | 8.0 | 491824.0 | 1.328046 | Y |



## Calibration / Hexachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

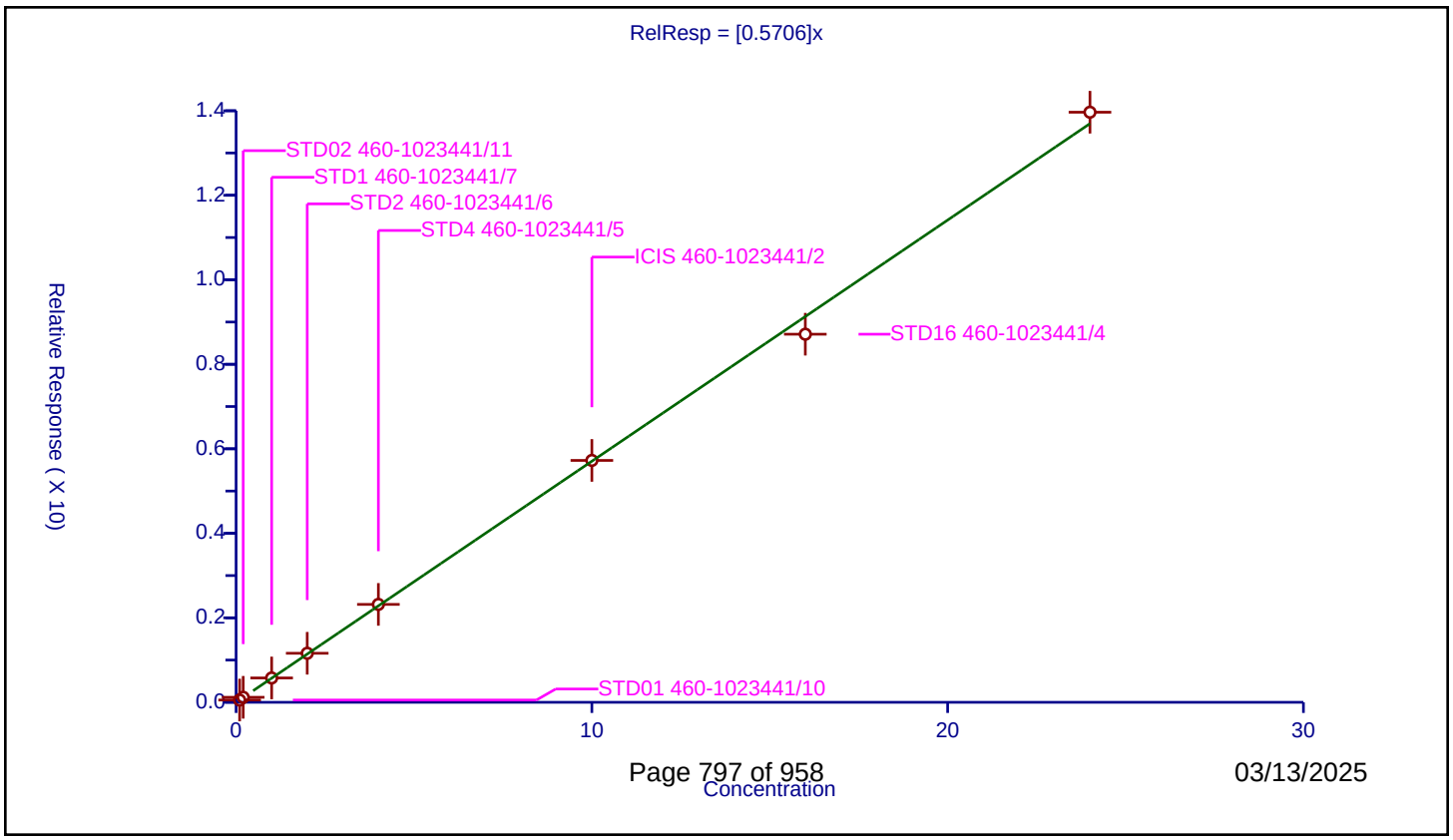
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5706 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.053707 | 8.0 | 494084.0 | 0.537075 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.11857 | 8.0 | 483898.0 | 0.592852 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.576453 | 8.0 | 519952.0 | 0.576453 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 1.160956 | 8.0 | 505797.0 | 0.580478 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 2.317528 | 8.0 | 491724.0 | 0.579382 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 5.724313 | 8.0 | 490201.0 | 0.572431 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 8.711368 | 8.0 | 531910.0 | 0.544461 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 13.965175 | 8.0 | 491824.0 | 0.581882 | Y |



## Calibration / Nitrobenzene-d5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

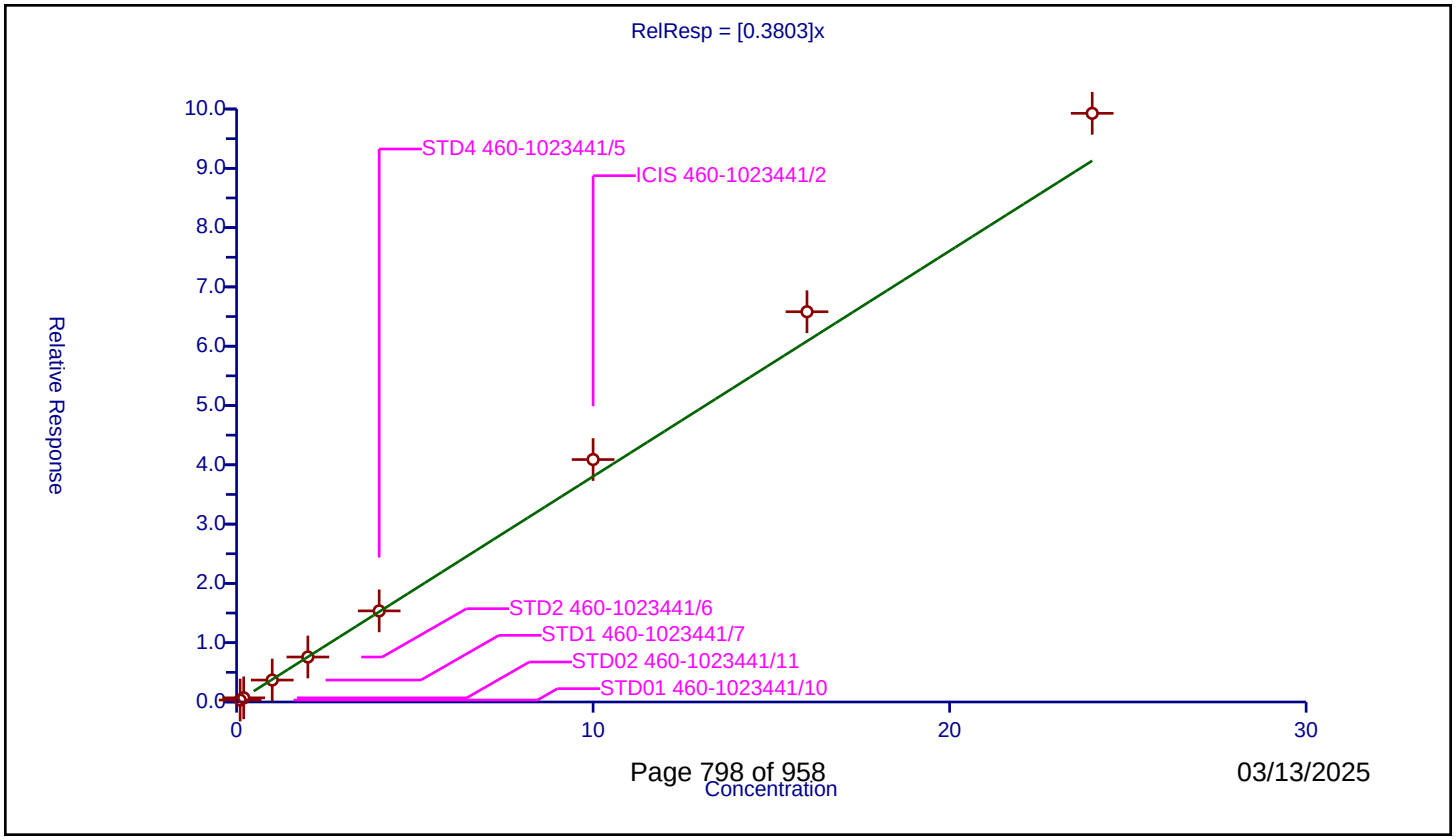
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3803 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.032657 | 8.0 | 1895822.0 | 0.326571 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.069779 | 8.0 | 1858100.0 | 0.348894 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.369987 | 8.0 | 2011597.0 | 0.369987 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 0.758345 | 8.0 | 1932544.0 | 0.379173 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 1.536482 | 8.0 | 1889189.0 | 0.38412 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 4.088609 | 8.0 | 1821934.0 | 0.408861 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 6.58121 | 8.0 | 1965212.0 | 0.411326 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 9.927326 | 8.0 | 1843458.0 | 0.413639 | Y |



## Calibration / Nitrobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

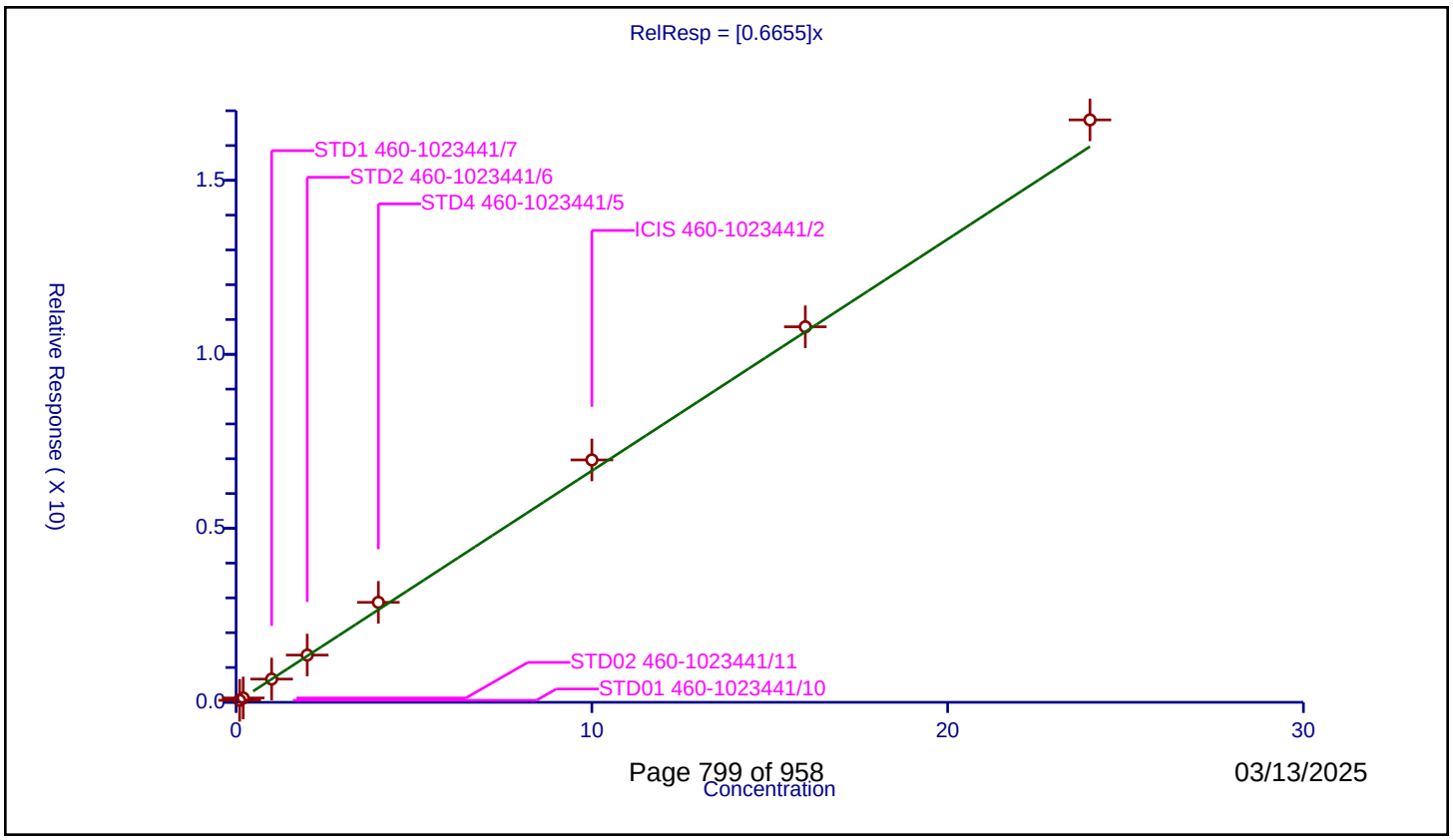
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6655 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.056735 | 8.0 | 494084.0 | 0.567353 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.124605 | 8.0 | 483898.0 | 0.623024 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.668016 | 8.0 | 519952.0 | 0.668016 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 1.357224 | 8.0 | 505797.0 | 0.678612 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 2.87262 | 8.0 | 491724.0 | 0.718155 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 6.965992 | 8.0 | 490201.0 | 0.696599 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 10.791299 | 8.0 | 531910.0 | 0.674456 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 16.738036 | 8.0 | 491824.0 | 0.697418 | Y |



## Calibration / n,n'-Dimethylaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

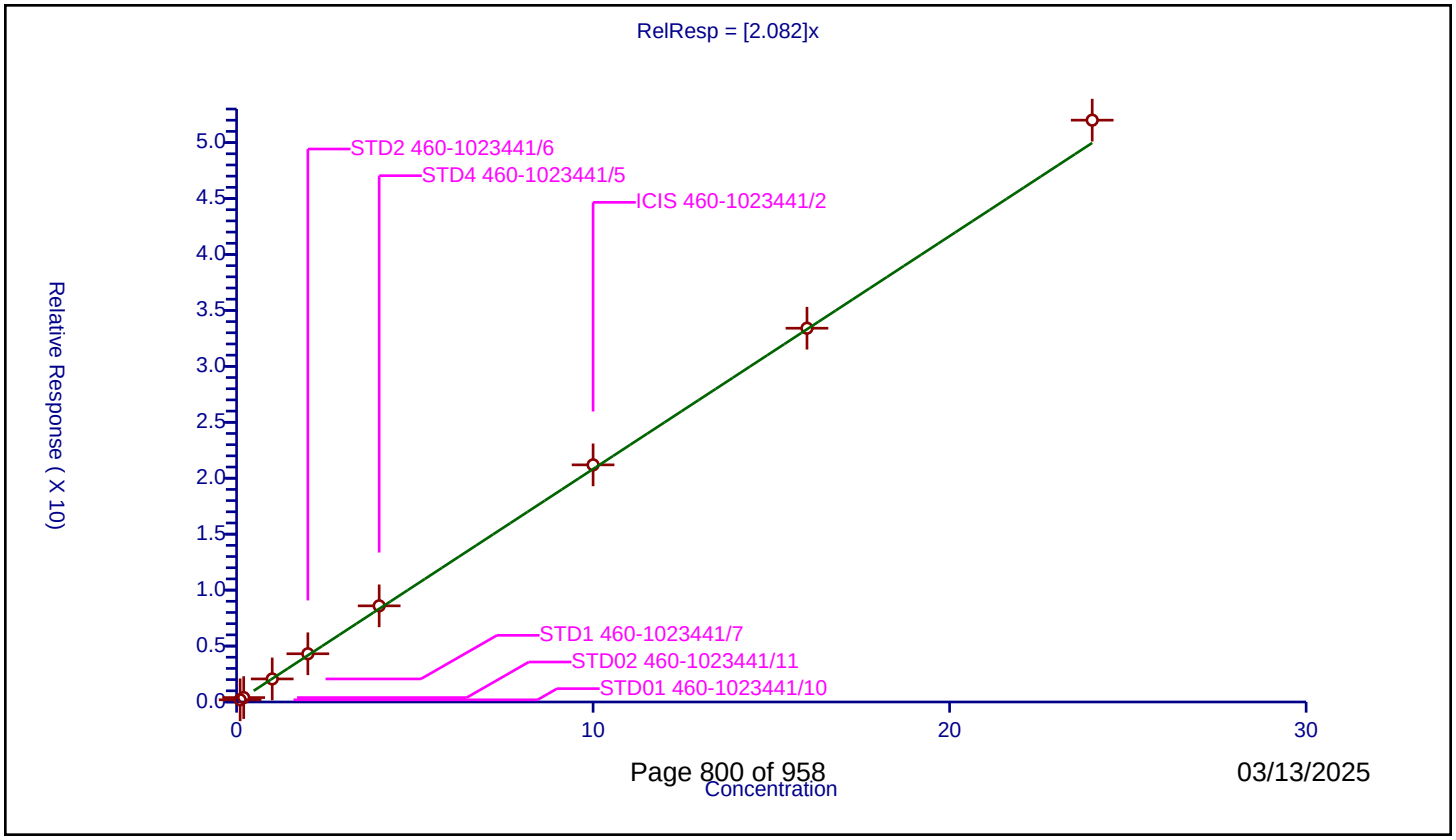
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.082 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.195028 | 8.0 | 494084.0 | 1.950276 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.393736 | 8.0 | 483898.0 | 1.968679 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 2.060159 | 8.0 | 519952.0 | 2.060159 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 4.309887 | 8.0 | 505797.0 | 2.154944 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 8.593162 | 8.0 | 491724.0 | 2.148291 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 21.195338 | 8.0 | 490201.0 | 2.119534 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 33.40896 | 8.0 | 531910.0 | 2.08806 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 52.004115 | 8.0 | 491824.0 | 2.166838 | Y |



## Calibration / Isophorone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

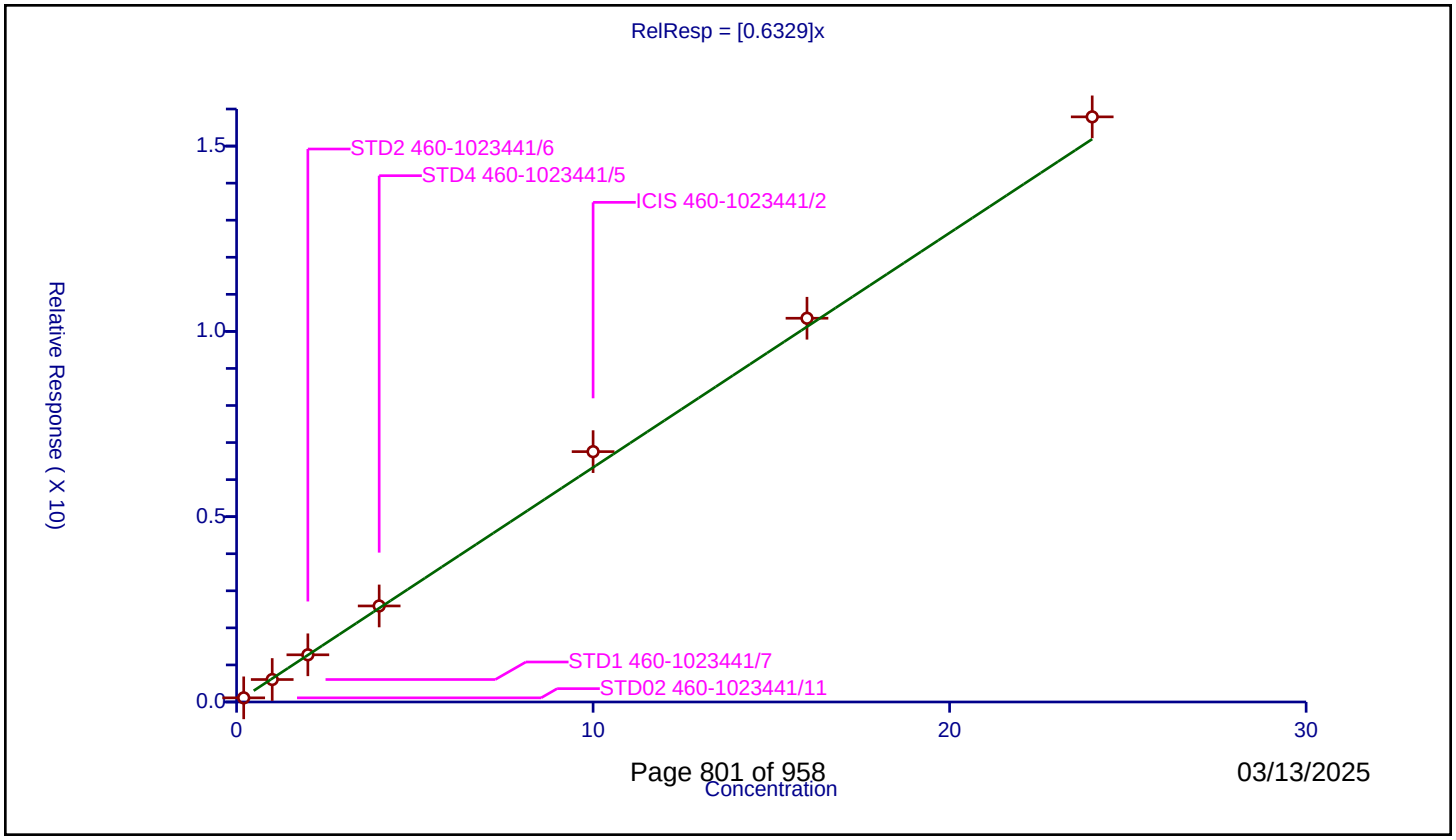
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6329 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.111796 | 8.0 | 1858100.0 | 0.55898 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.606185 | 8.0 | 2011597.0 | 0.606185 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 1.273091 | 8.0 | 1932544.0 | 0.636545 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 2.591241 | 8.0 | 1889189.0 | 0.64781 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 6.755015 | 8.0 | 1821934.0 | 0.675502 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 10.354258 | 8.0 | 1965212.0 | 0.647141 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 15.788098 | 8.0 | 1843458.0 | 0.657837 | Y |



## Calibration / 2-Nitrophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

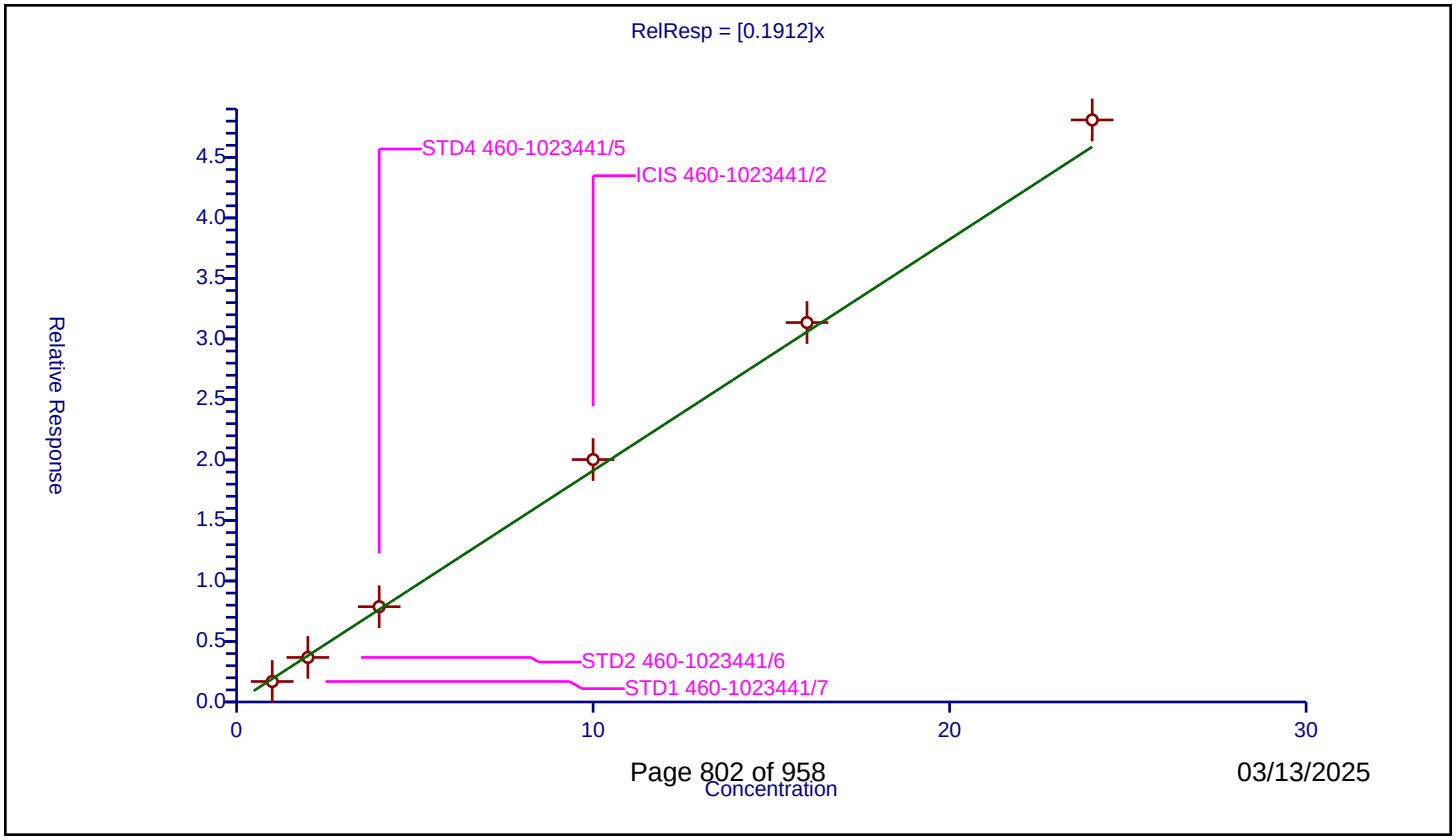
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1912 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.169366 | 8.0 | 2011597.0 | 0.169366 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.368116 | 8.0 | 1932544.0 | 0.184058 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 0.787385 | 8.0 | 1889189.0 | 0.196846 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 2.00308 | 8.0 | 1821934.0 | 0.200308 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 3.135405 | 8.0 | 1965212.0 | 0.195963 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 4.809657 | 8.0 | 1843458.0 | 0.200402 | Y |



## Calibration / 2,4-Dimethylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

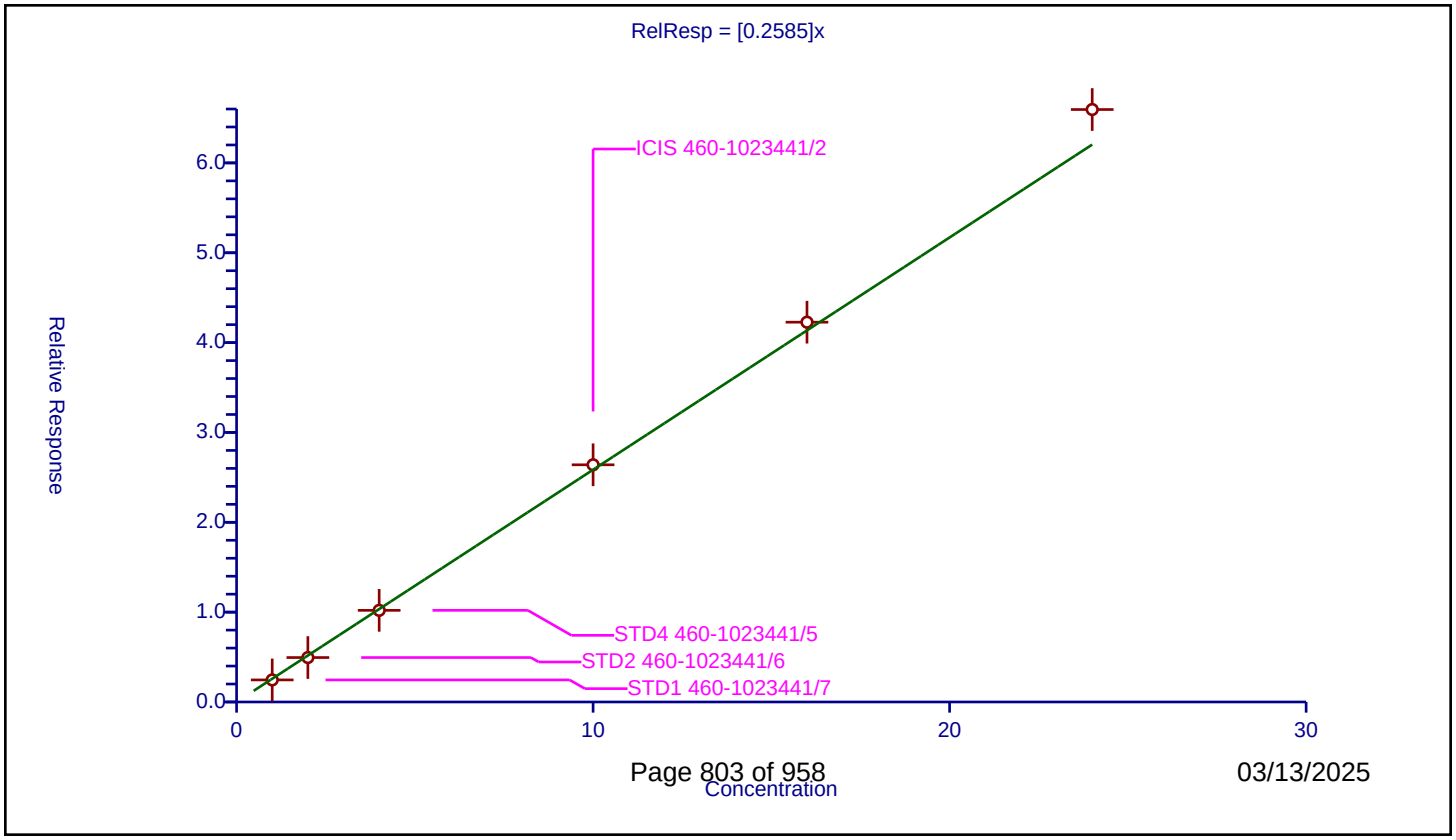
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2585 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.24566 | 8.0 | 2011597.0 | 0.24566 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.494681 | 8.0 | 1932544.0 | 0.24734 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.020116 | 8.0 | 1889189.0 | 0.255029 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 2.640096 | 8.0 | 1821934.0 | 0.26401 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 4.227403 | 8.0 | 1965212.0 | 0.264213 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 6.594281 | 8.0 | 1843458.0 | 0.274762 | Y |



## Calibration / Benzoic acid

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

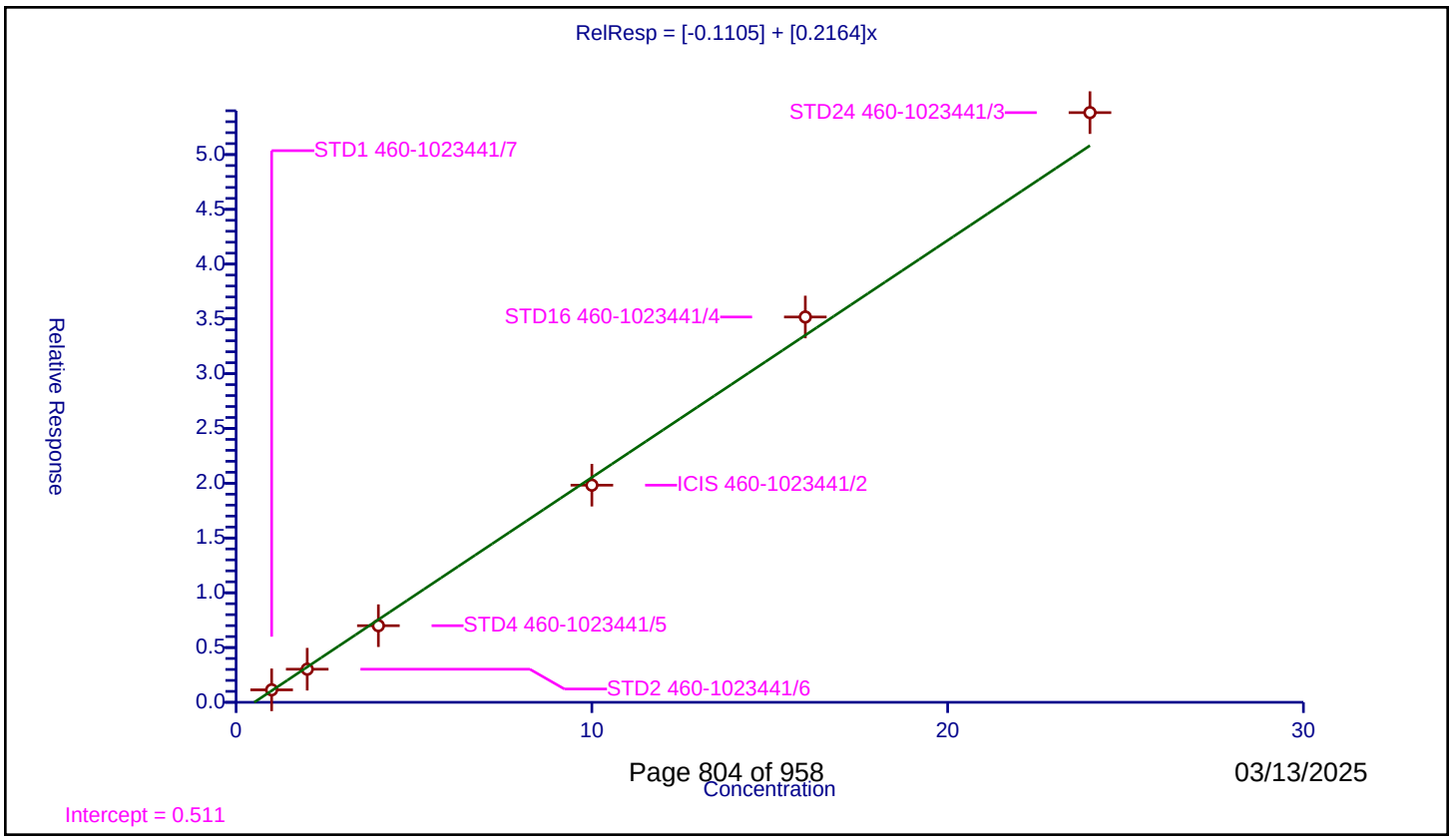
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.1105 |
| **Slope:** | 0.2164 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.113848 | 8.0 | 2011597.0 | 0.113848 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.3023 | 8.0 | 1932544.0 | 0.15115 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 0.699432 | 8.0 | 1889189.0 | 0.174858 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 1.982294 | 8.0 | 1821934.0 | 0.198229 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 3.51732 | 8.0 | 1965212.0 | 0.219833 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 5.383088 | 8.0 | 1843458.0 | 0.224295 | Y |



## Calibration / Bis(2-chloroethoxy)methane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

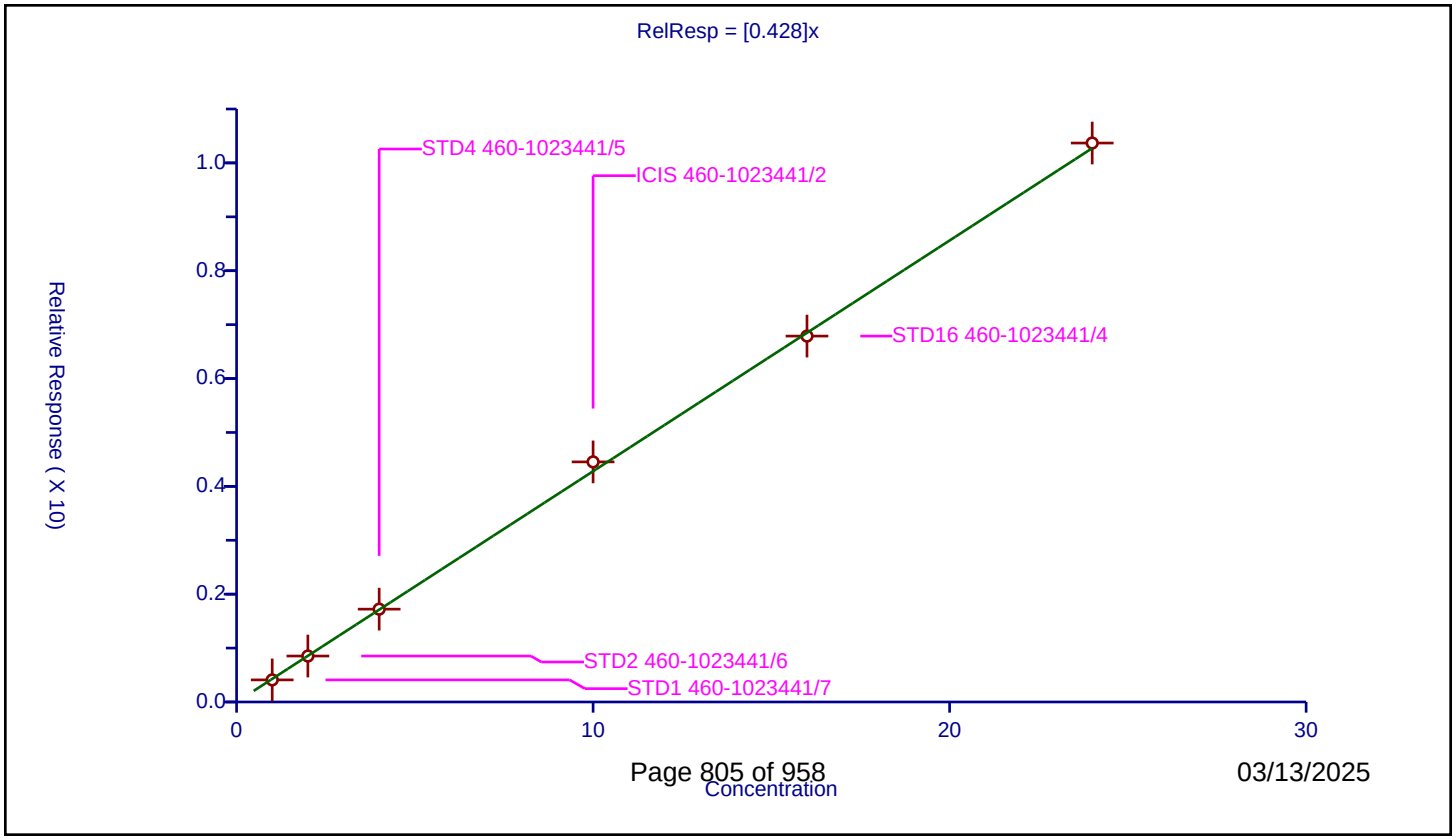
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.428 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.409911 | 8.0 | 2011597.0 | 0.409911 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.852389 | 8.0 | 1932544.0 | 0.426195 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.722009 | 8.0 | 1889189.0 | 0.430502 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 4.453751 | 8.0 | 1821934.0 | 0.445375 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 6.787917 | 8.0 | 1965212.0 | 0.424245 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 10.368991 | 8.0 | 1843458.0 | 0.432041 | Y |



## Calibration / 2,4-Dichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

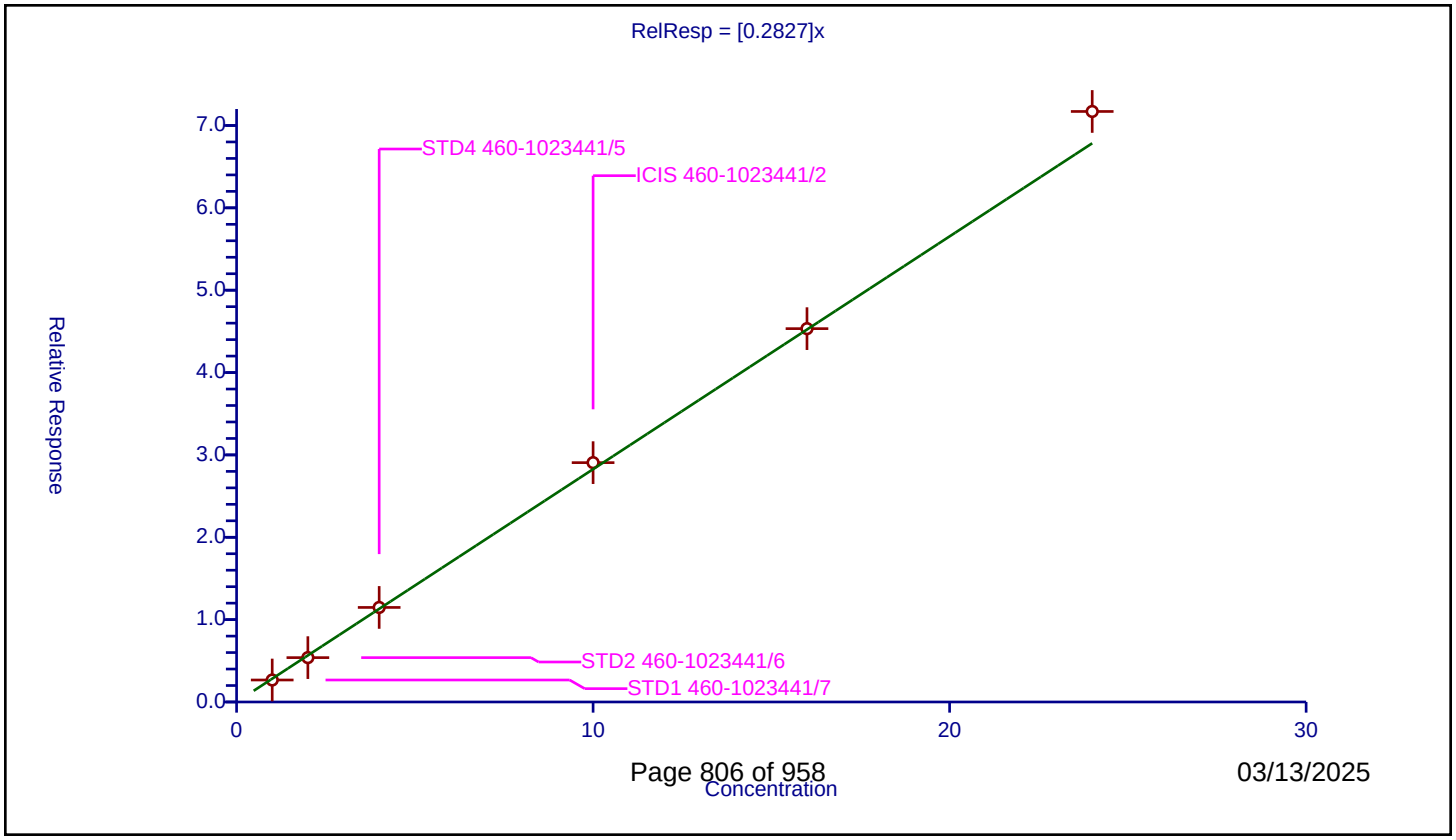
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2827 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.266904 | 8.0 | 2011597.0 | 0.266904 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.538726 | 8.0 | 1932544.0 | 0.269363 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.147947 | 8.0 | 1889189.0 | 0.286987 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 2.906107 | 8.0 | 1821934.0 | 0.290611 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 4.533341 | 8.0 | 1965212.0 | 0.283334 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 7.170303 | 8.0 | 1843458.0 | 0.298763 | 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 |

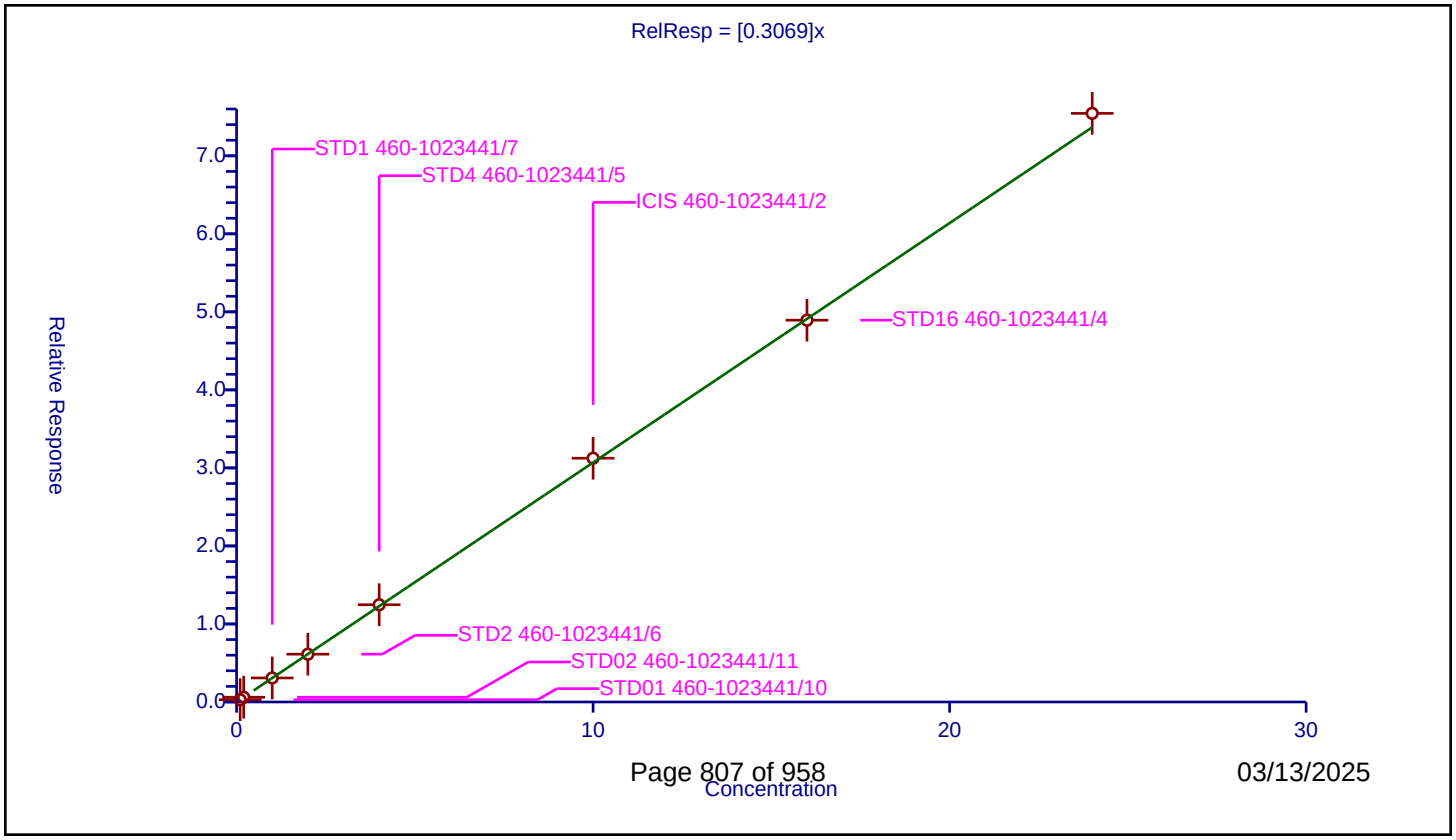
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3069 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.029121 | 8.0 | 1895822.0 | 0.291209 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.06106 | 8.0 | 1858100.0 | 0.305301 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.308082 | 8.0 | 2011597.0 | 0.308082 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 0.612577 | 8.0 | 1932544.0 | 0.306288 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 1.246541 | 8.0 | 1889189.0 | 0.311635 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 3.124504 | 8.0 | 1821934.0 | 0.31245 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 4.89327 | 8.0 | 1965212.0 | 0.305829 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 7.544278 | 8.0 | 1843458.0 | 0.314345 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

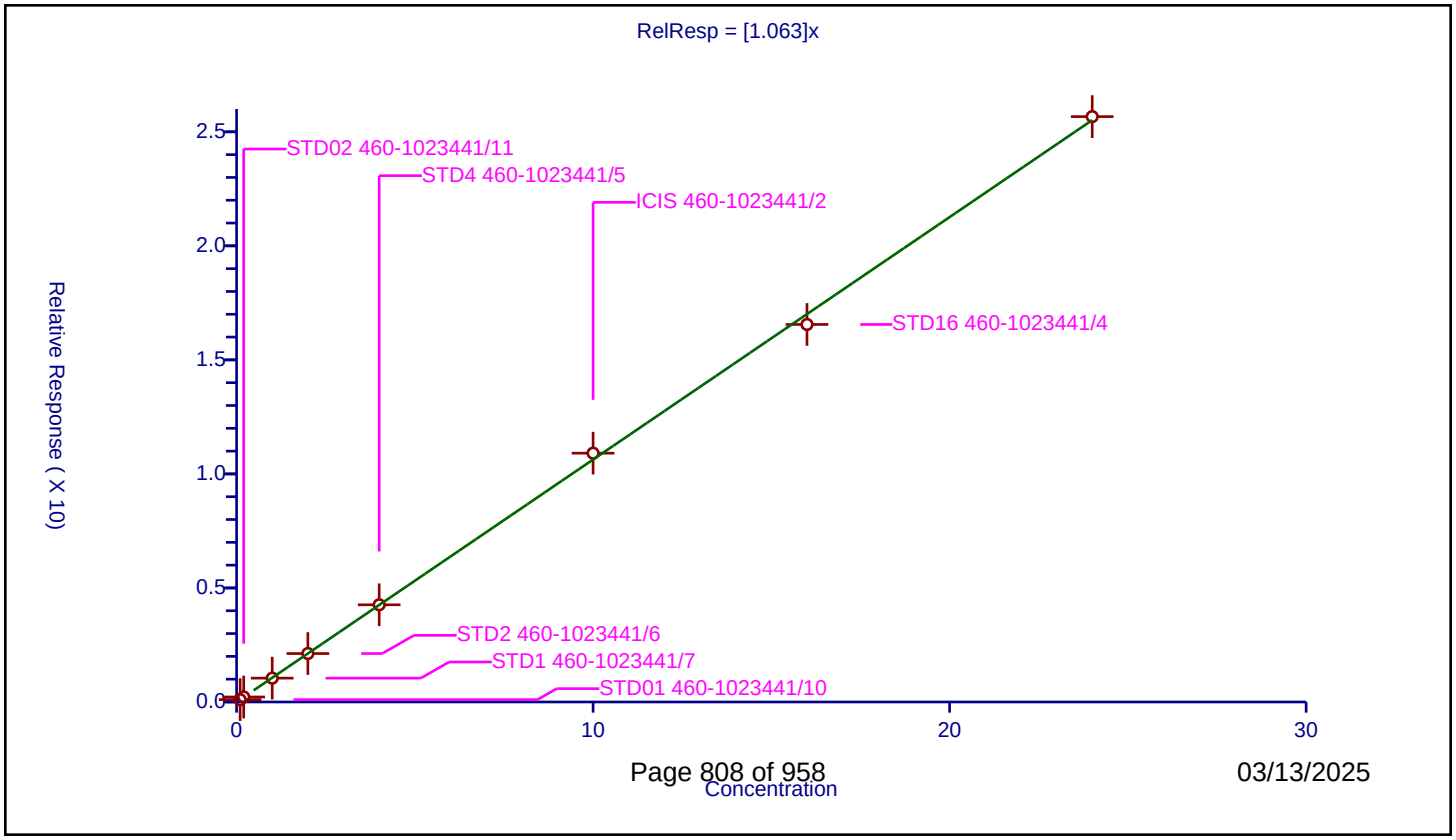
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.063 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.103976 | 8.0 | 1895822.0 | 1.03976 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.219291 | 8.0 | 1858100.0 | 1.096453 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.045649 | 8.0 | 2011597.0 | 1.045649 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.124085 | 8.0 | 1932544.0 | 1.062043 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 4.261058 | 8.0 | 1889189.0 | 1.065265 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 10.909199 | 8.0 | 1821934.0 | 1.09092 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 16.553475 | 8.0 | 1965212.0 | 1.034592 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 25.666429 | 8.0 | 1843458.0 | 1.069435 | Y |



## Calibration / 4-Chloroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

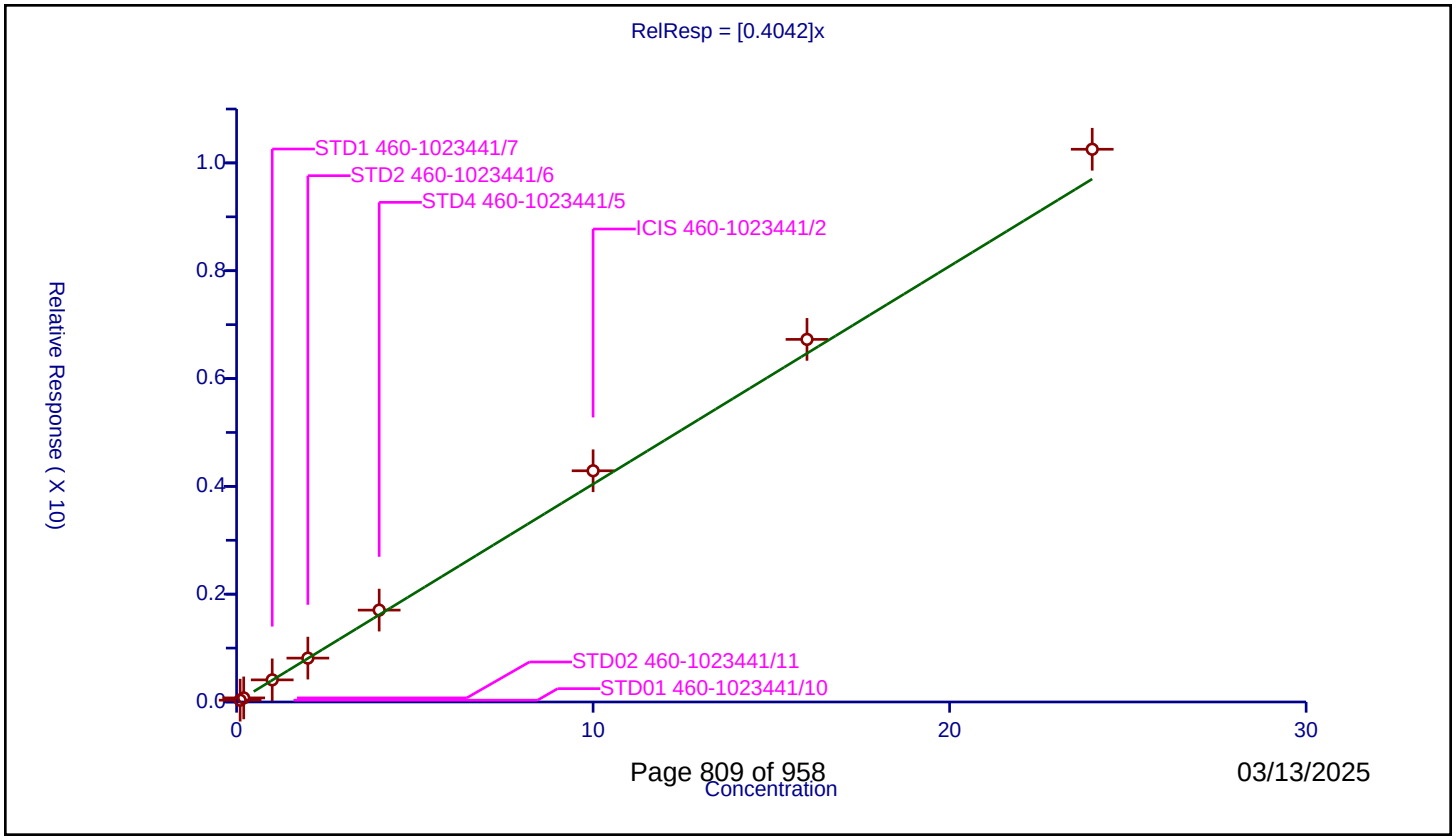
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4042 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.033446 | 8.0 | 1895822.0 | 0.334462 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.075871 | 8.0 | 1858100.0 | 0.379355 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.410197 | 8.0 | 2011597.0 | 0.410197 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 0.814011 | 8.0 | 1932544.0 | 0.407005 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 1.704626 | 8.0 | 1889189.0 | 0.426156 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 4.289095 | 8.0 | 1821934.0 | 0.428909 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 6.72668 | 8.0 | 1965212.0 | 0.420417 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 10.253643 | 8.0 | 1843458.0 | 0.427235 | Y |



## Calibration / 2,6-Dichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

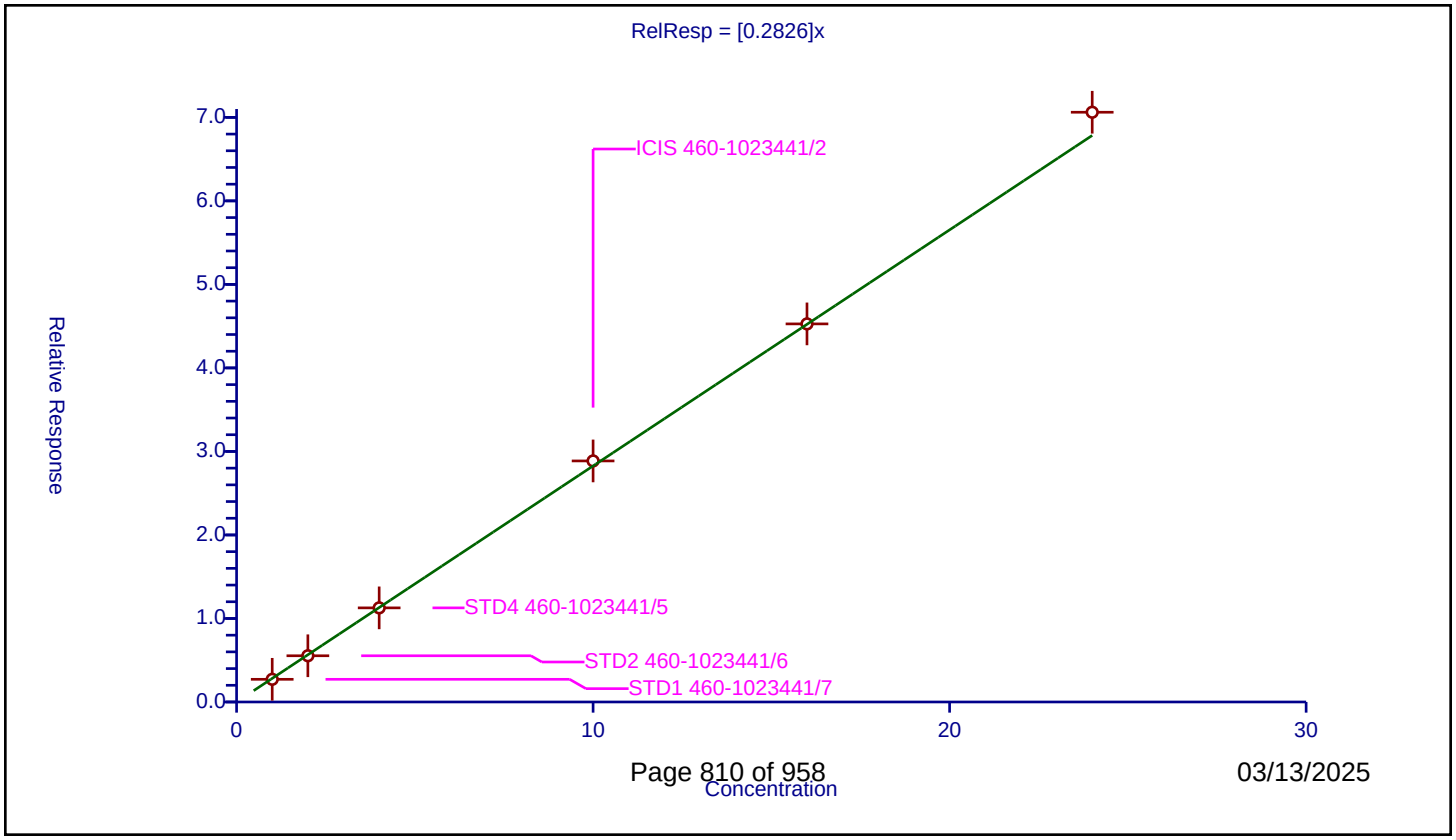
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2826 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.271518 | 8.0 | 2011597.0 | 0.271518 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.553637 | 8.0 | 1932544.0 | 0.276819 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.126926 | 8.0 | 1889189.0 | 0.281731 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 2.886318 | 8.0 | 1821934.0 | 0.288632 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 4.52697 | 8.0 | 1965212.0 | 0.282936 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 7.06152 | 8.0 | 1843458.0 | 0.29423 | Y |



## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

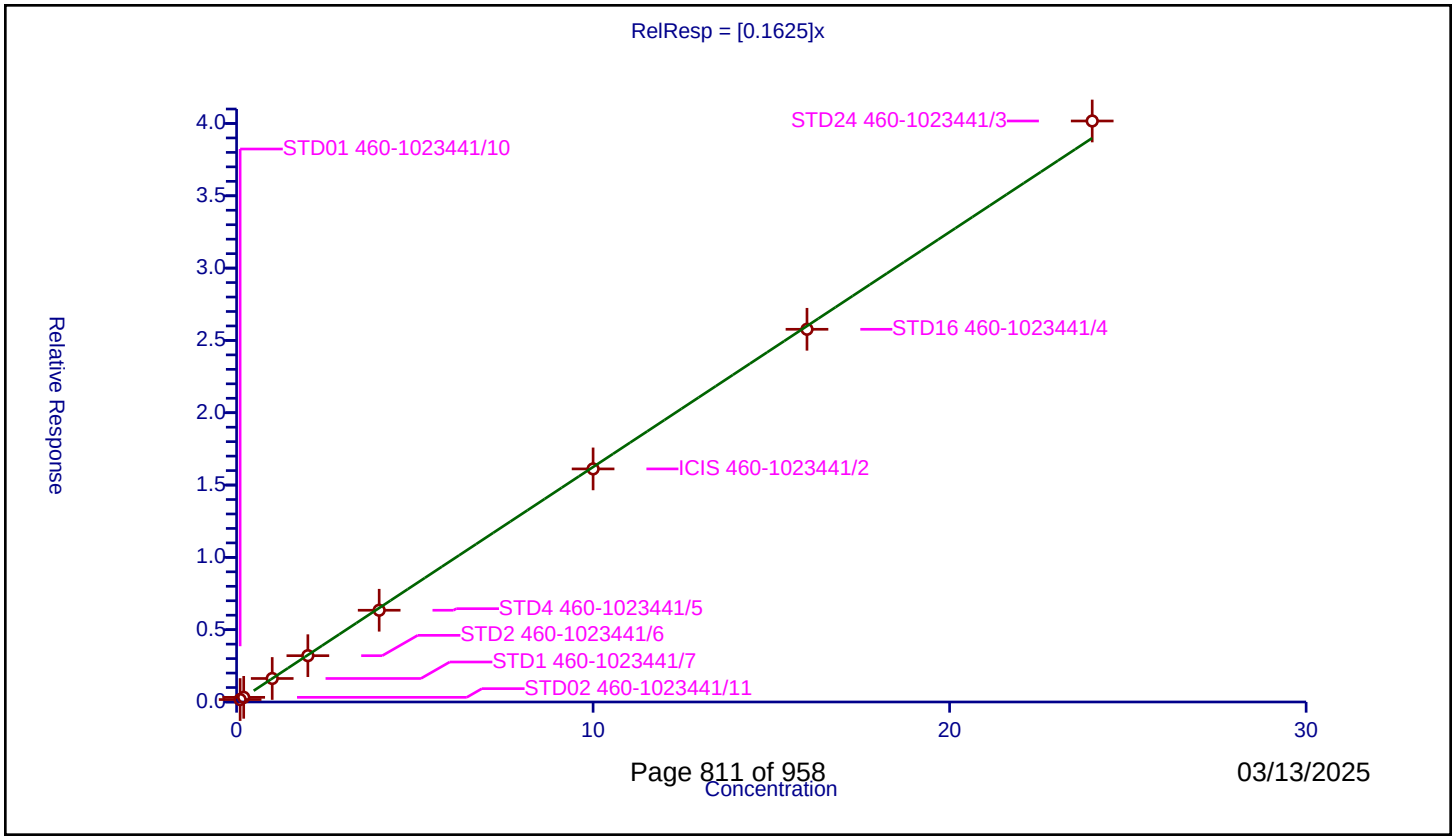
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1625 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.016833 | 8.0 | 1895822.0 | 0.168328 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.032136 | 8.0 | 1858100.0 | 0.16068 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.162466 | 8.0 | 2011597.0 | 0.162466 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 0.320183 | 8.0 | 1932544.0 | 0.160092 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 0.634384 | 8.0 | 1889189.0 | 0.158596 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 1.611558 | 8.0 | 1821934.0 | 0.161156 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 2.576935 | 8.0 | 1965212.0 | 0.161058 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 4.01712 | 8.0 | 1843458.0 | 0.16738 | Y |



## Calibration / Caprolactam

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

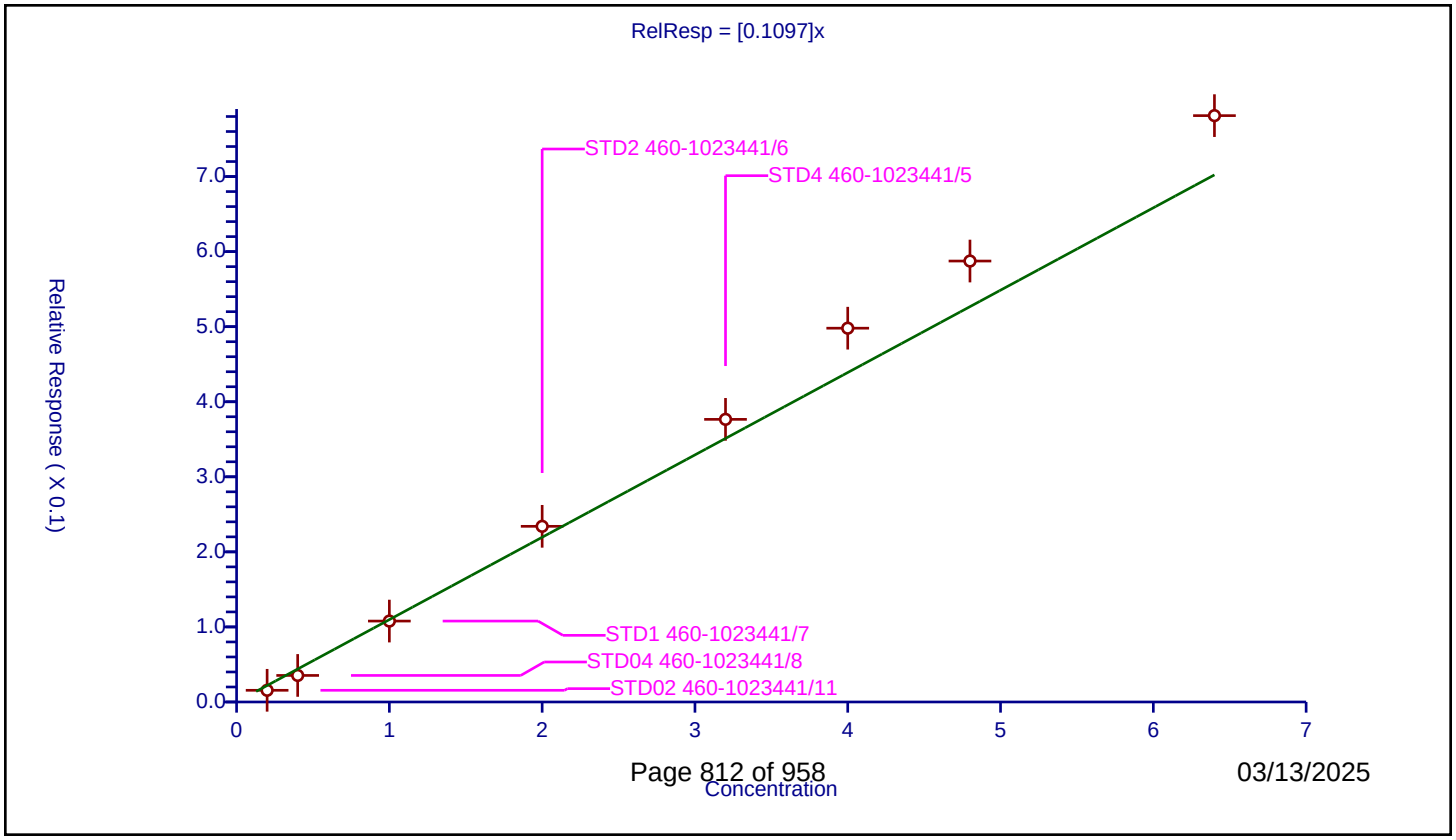
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1097 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.015594 | 8.0 | 1858100.0 | 0.077972 | Y |
| 2 | STD04 460-1023441/8 | 0.4 | 0.035364 | 8.0 | 1959278.0 | 0.08841 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.107807 | 8.0 | 2011597.0 | 0.107807 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 0.234025 | 8.0 | 1932544.0 | 0.117013 | Y |
| 5 | STD4 460-1023441/5 | 3.2 | 0.376543 | 8.0 | 1889189.0 | 0.11767 | Y |
| 6 | ICIS 460-1023441/2 | 4.0 | 0.498007 | 8.0 | 1821934.0 | 0.124502 | Y |
| 7 | STD16 460-1023441/4 | 4.8 | 0.587458 | 8.0 | 1965212.0 | 0.122387 | Y |
| 8 | STD24 460-1023441/3 | 6.4 | 0.781206 | 8.0 | 1843458.0 | 0.122063 | Y |



## Calibration / 4-Chloro-3-methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

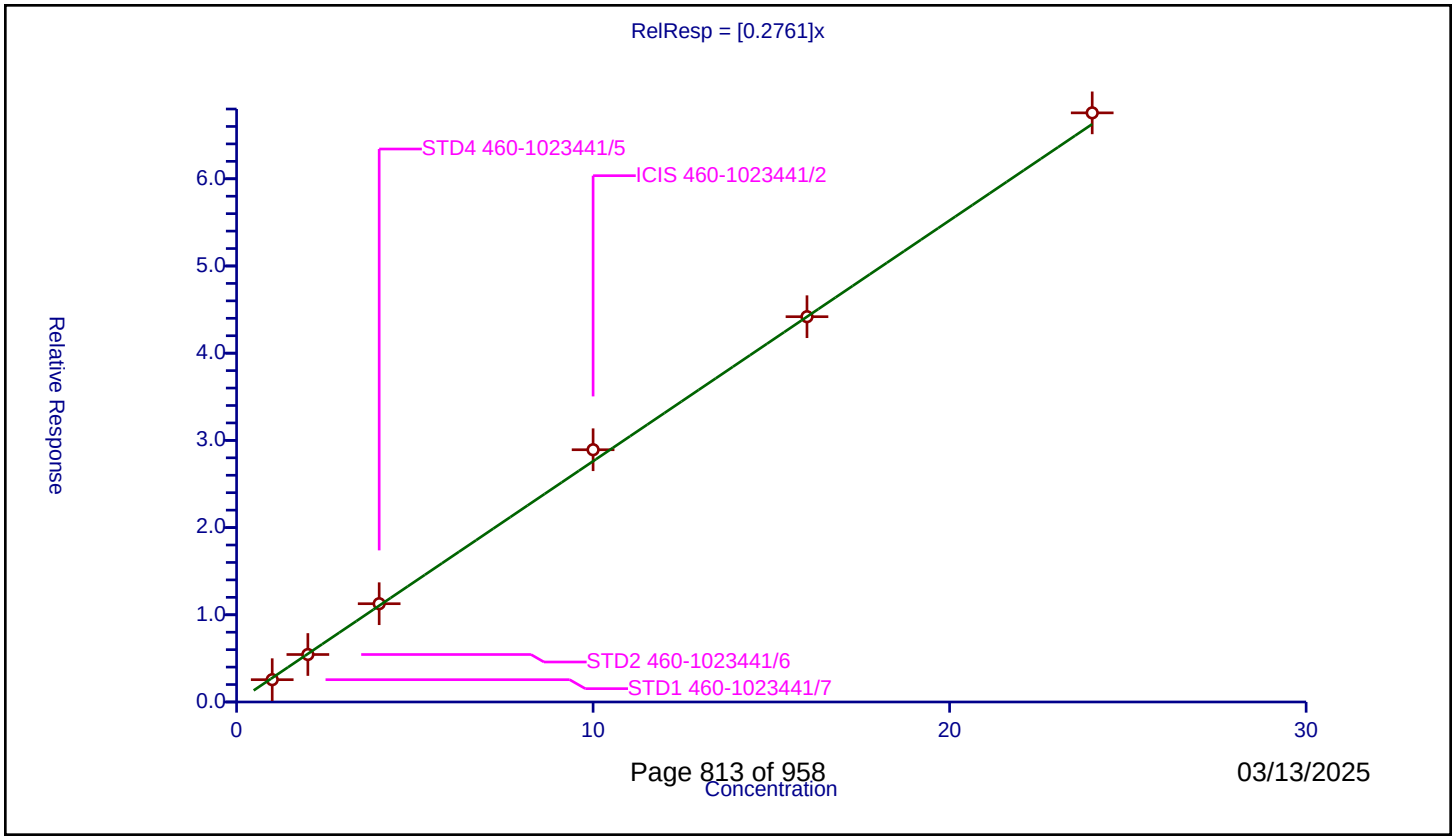
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2761 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.255805 | 8.0 | 2011597.0 | 0.255805 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.544472 | 8.0 | 1932544.0 | 0.272236 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.127176 | 8.0 | 1889189.0 | 0.281794 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 2.892619 | 8.0 | 1821934.0 | 0.289262 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 4.418398 | 8.0 | 1965212.0 | 0.27615 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 6.755925 | 8.0 | 1843458.0 | 0.281497 | Y |



## Calibration / 2-Methylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

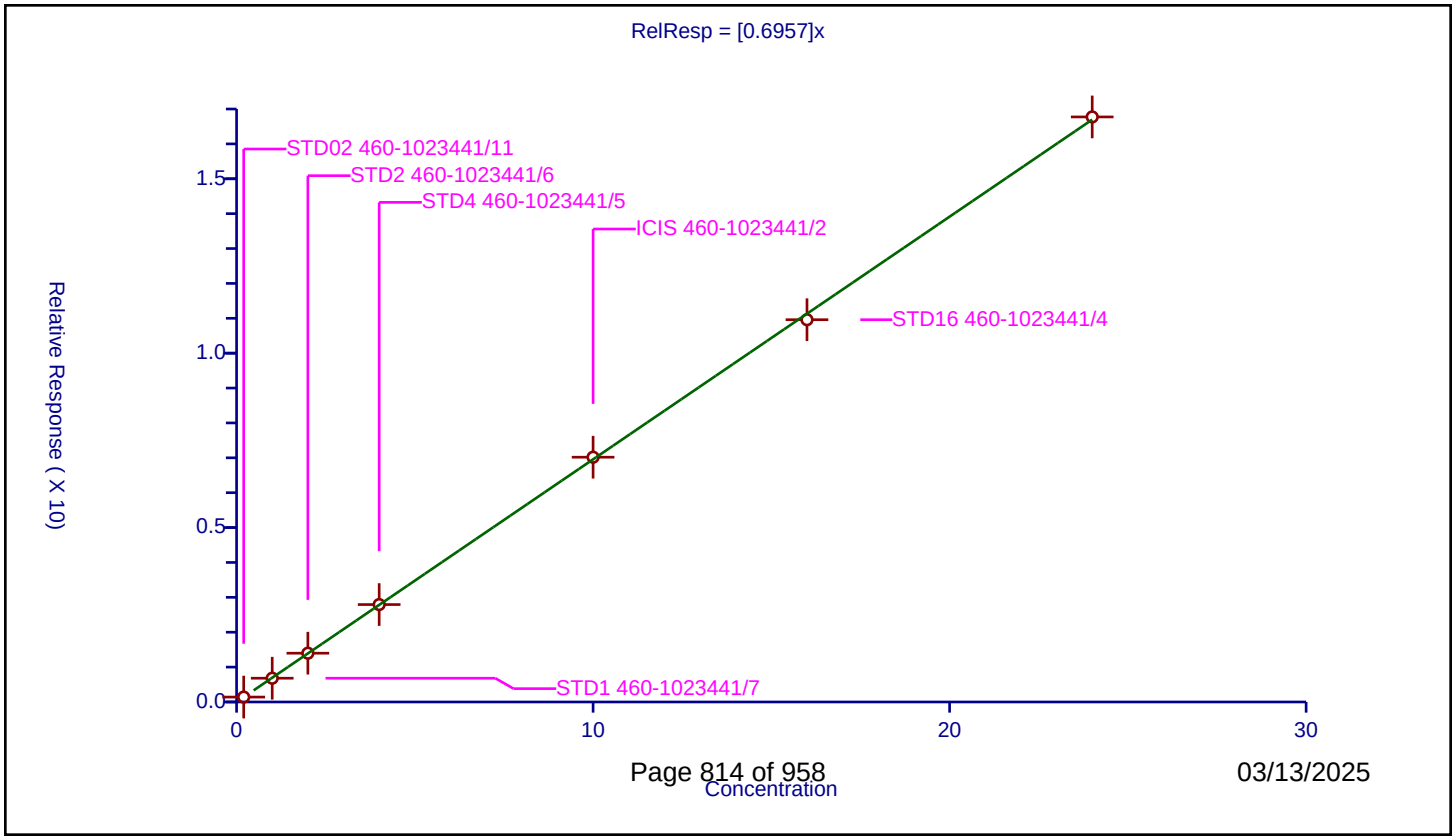
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6957 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.141013 | 8.0 | 1858100.0 | 0.705064 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.681723 | 8.0 | 2011597.0 | 0.681723 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 1.398579 | 8.0 | 1932544.0 | 0.69929 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 2.792779 | 8.0 | 1889189.0 | 0.698195 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 7.017466 | 8.0 | 1821934.0 | 0.701747 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 10.959502 | 8.0 | 1965212.0 | 0.684969 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 16.772913 | 8.0 | 1843458.0 | 0.698871 | Y |



## Calibration / 1-Methylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

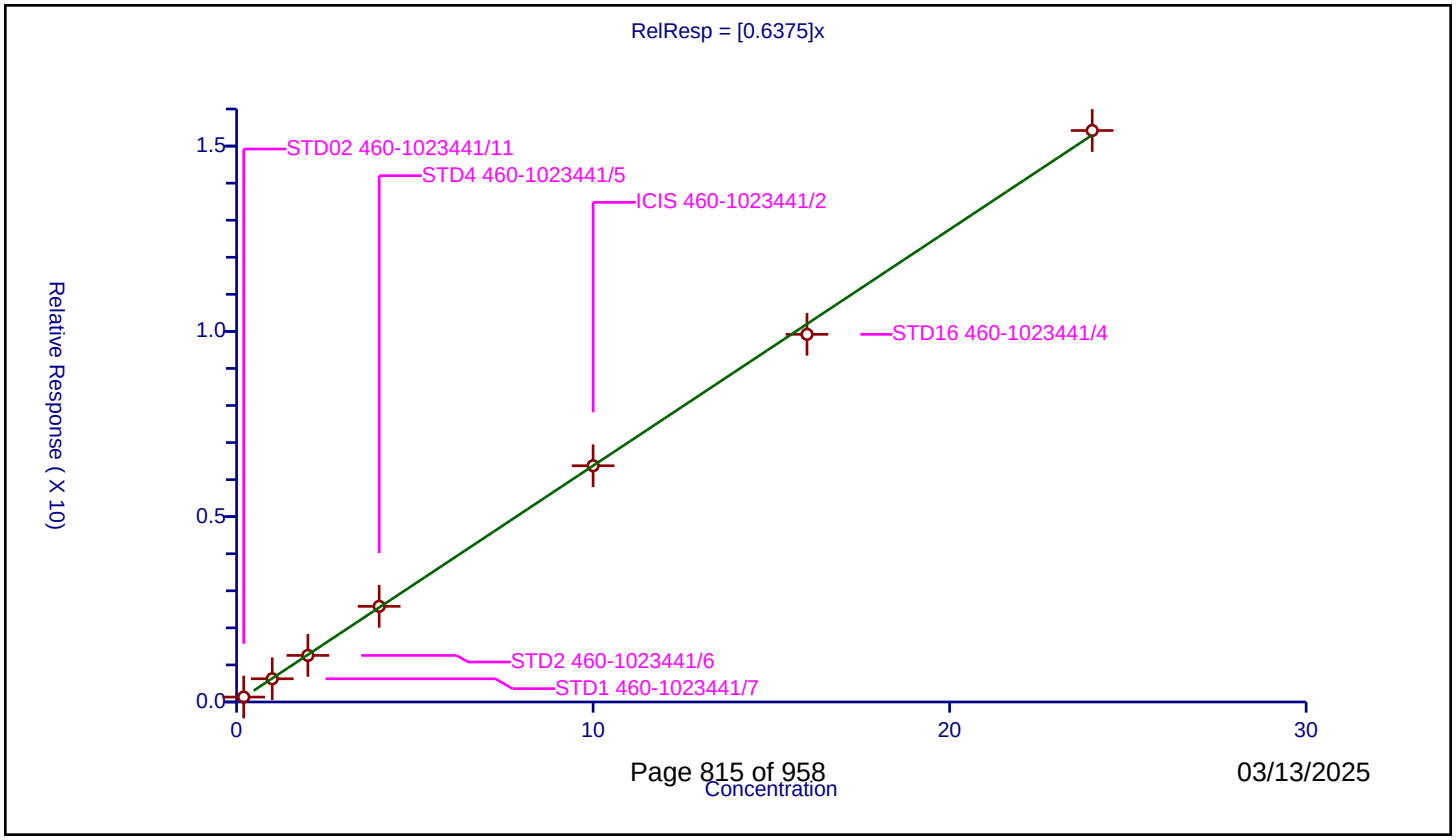
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6375 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.132423 | 8.0 | 1858100.0 | 0.662117 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.626678 | 8.0 | 2011597.0 | 0.626678 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 1.256607 | 8.0 | 1932544.0 | 0.628303 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 2.580278 | 8.0 | 1889189.0 | 0.645069 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 6.374949 | 8.0 | 1821934.0 | 0.637495 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 9.920367 | 8.0 | 1965212.0 | 0.620023 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 15.419903 | 8.0 | 1843458.0 | 0.642496 | Y |



## Calibration / Hexachlorocyclopentadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

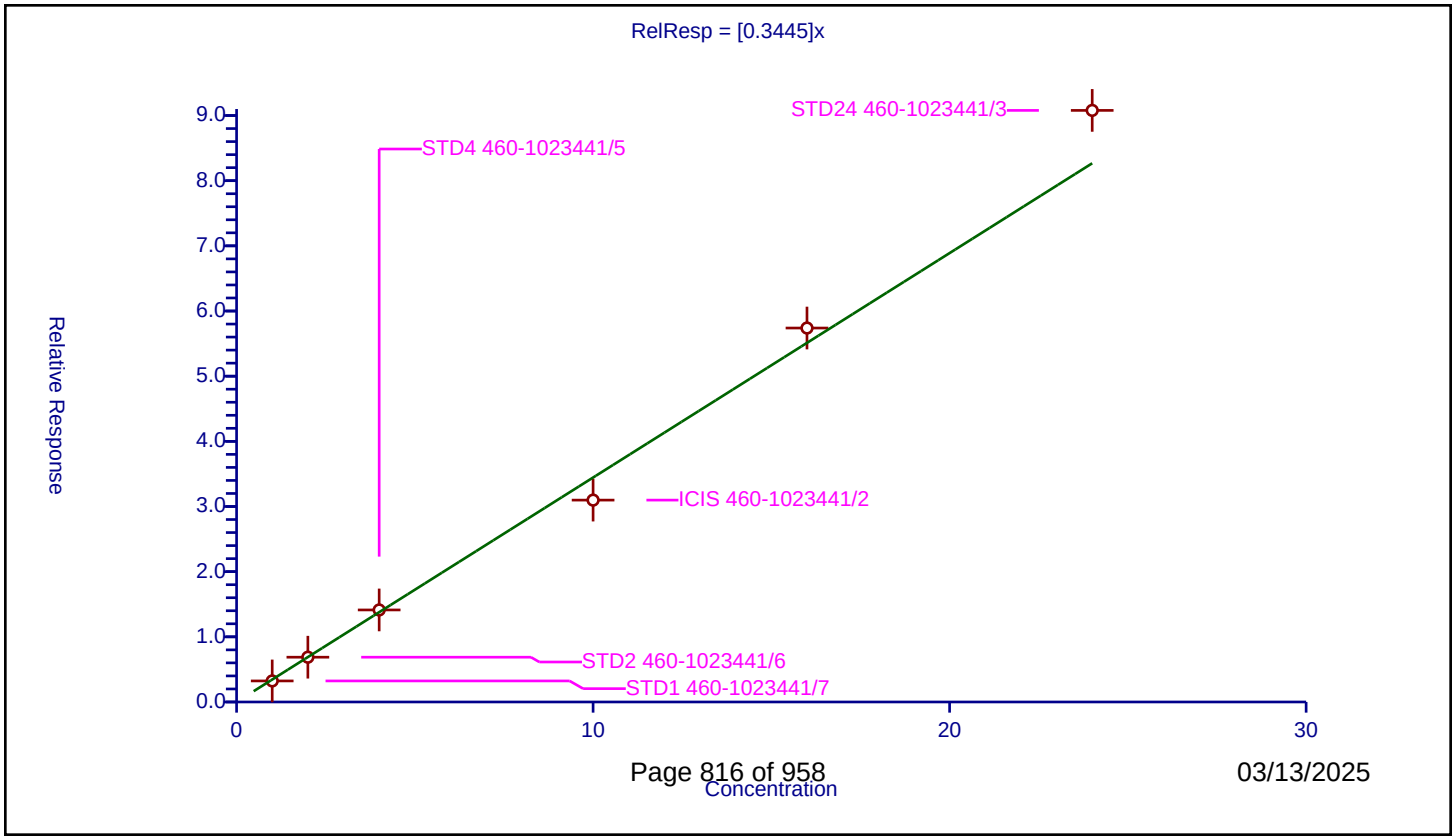
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3445 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.323223 | 8.0 | 1039579.0 | 0.323223 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.687342 | 8.0 | 1008453.0 | 0.343671 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.4124 | 8.0 | 958958.0 | 0.3531 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 3.097998 | 8.0 | 903683.0 | 0.3098 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 5.738857 | 8.0 | 964390.0 | 0.358679 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 9.078896 | 8.0 | 882754.0 | 0.378287 | Y |



## Calibration / 1,2,4,5-Tetrachlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

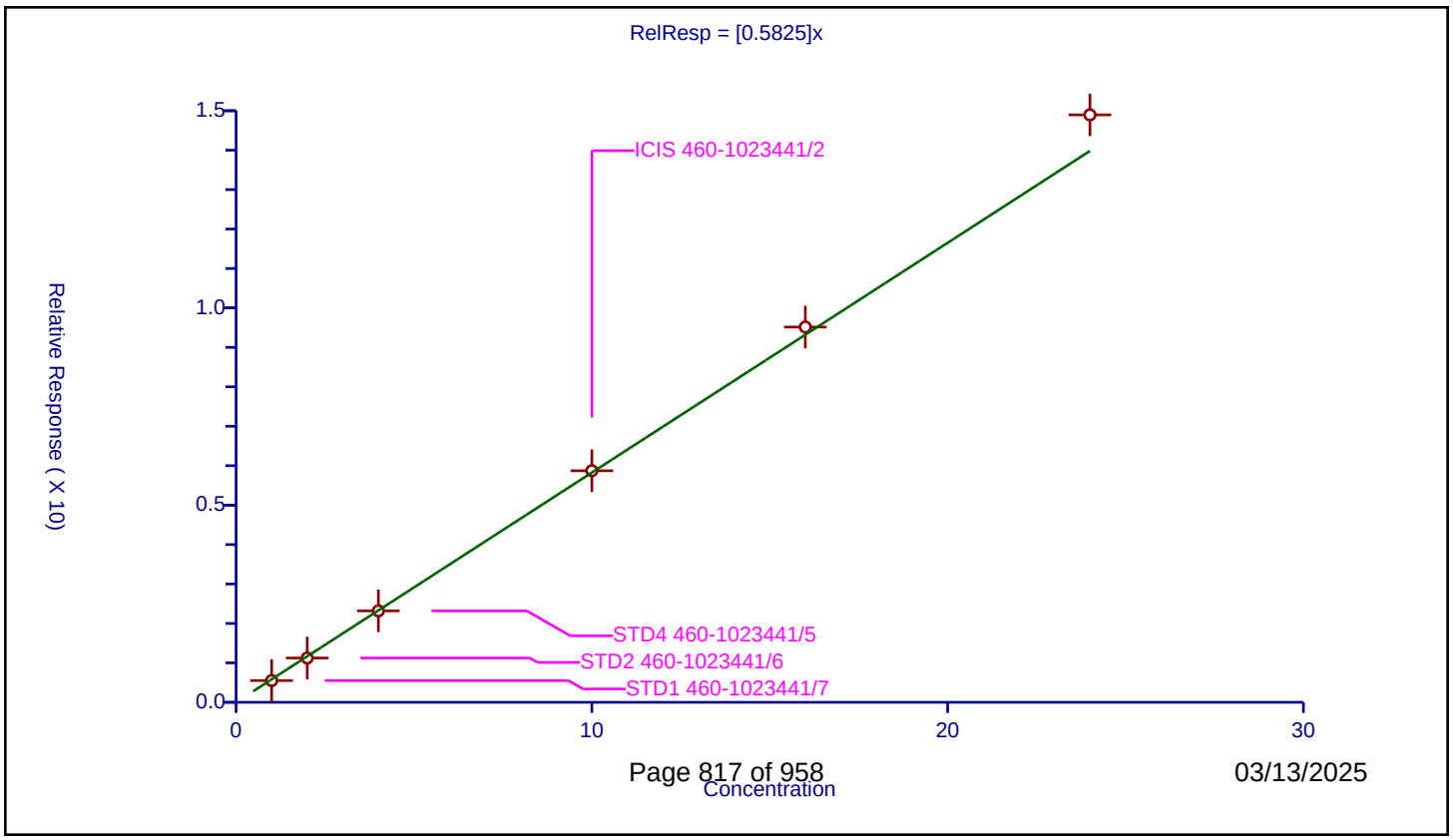
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5825 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.550977 | 8.0 | 1039579.0 | 0.550977 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.123804 | 8.0 | 1008453.0 | 0.561902 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 2.318909 | 8.0 | 958958.0 | 0.579727 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 5.872041 | 8.0 | 903683.0 | 0.587204 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 9.515984 | 8.0 | 964390.0 | 0.594749 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 14.895819 | 8.0 | 882754.0 | 0.620659 | Y |



## Calibration / 2-tertbutyl-4-methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

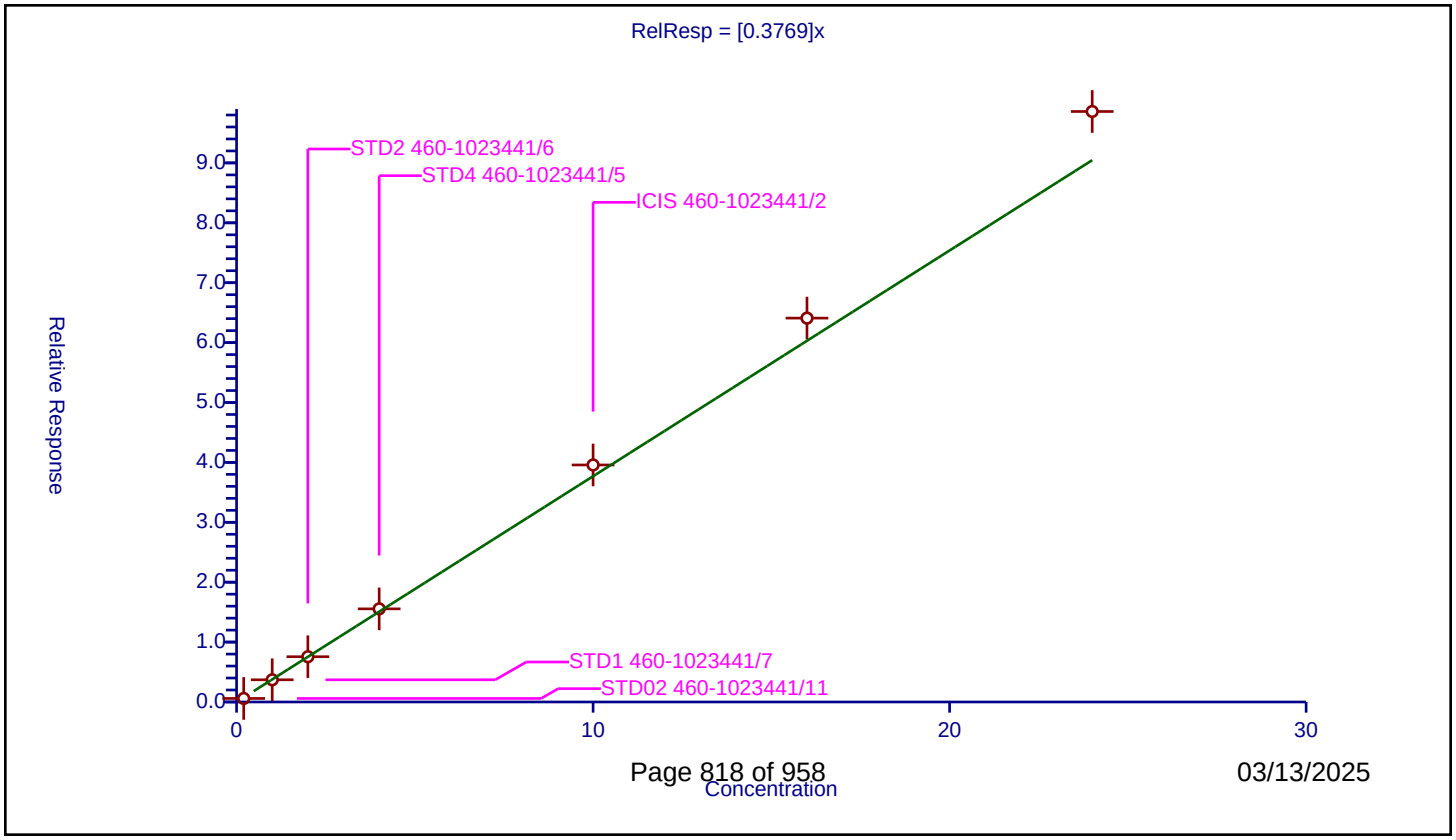
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3769 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.058847 | 8.0 | 1858100.0 | 0.294236 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.37042 | 8.0 | 2011597.0 | 0.37042 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 0.755853 | 8.0 | 1932544.0 | 0.377927 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 1.554707 | 8.0 | 1889189.0 | 0.388677 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 3.957223 | 8.0 | 1821934.0 | 0.395722 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 6.409031 | 8.0 | 1965212.0 | 0.400564 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 9.858433 | 8.0 | 1843458.0 | 0.410768 | Y |



## Calibration / 2,4,6-Trichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

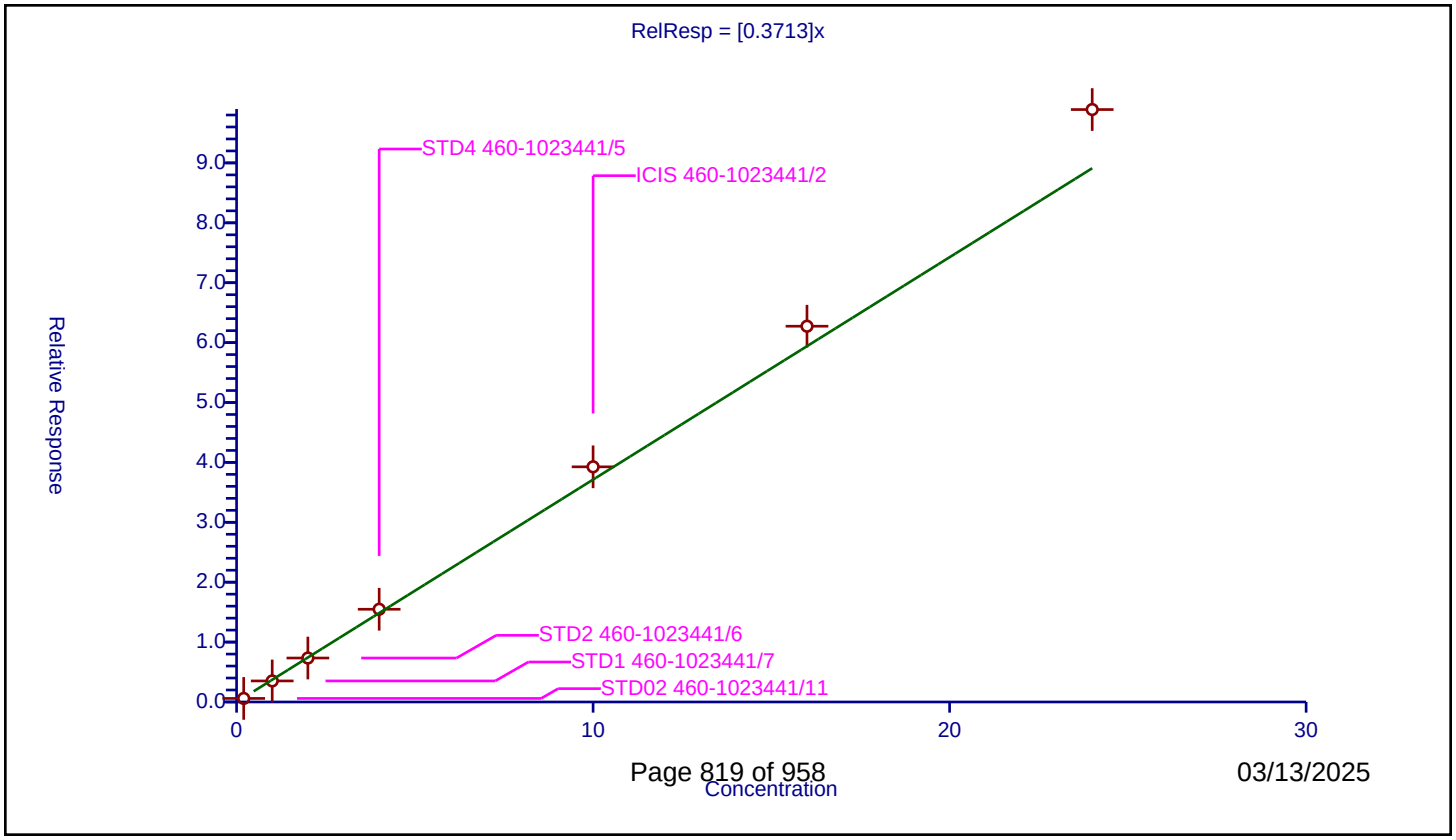
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3713 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.059369 | 8.0 | 976673.0 | 0.296844 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.351327 | 8.0 | 1039579.0 | 0.351327 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 0.733892 | 8.0 | 1008453.0 | 0.366946 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 1.548247 | 8.0 | 958958.0 | 0.387062 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 3.926253 | 8.0 | 903683.0 | 0.392625 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 6.273603 | 8.0 | 964390.0 | 0.3921 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 9.891254 | 8.0 | 882754.0 | 0.412136 | Y |



## Calibration / 2,4,5-Trichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

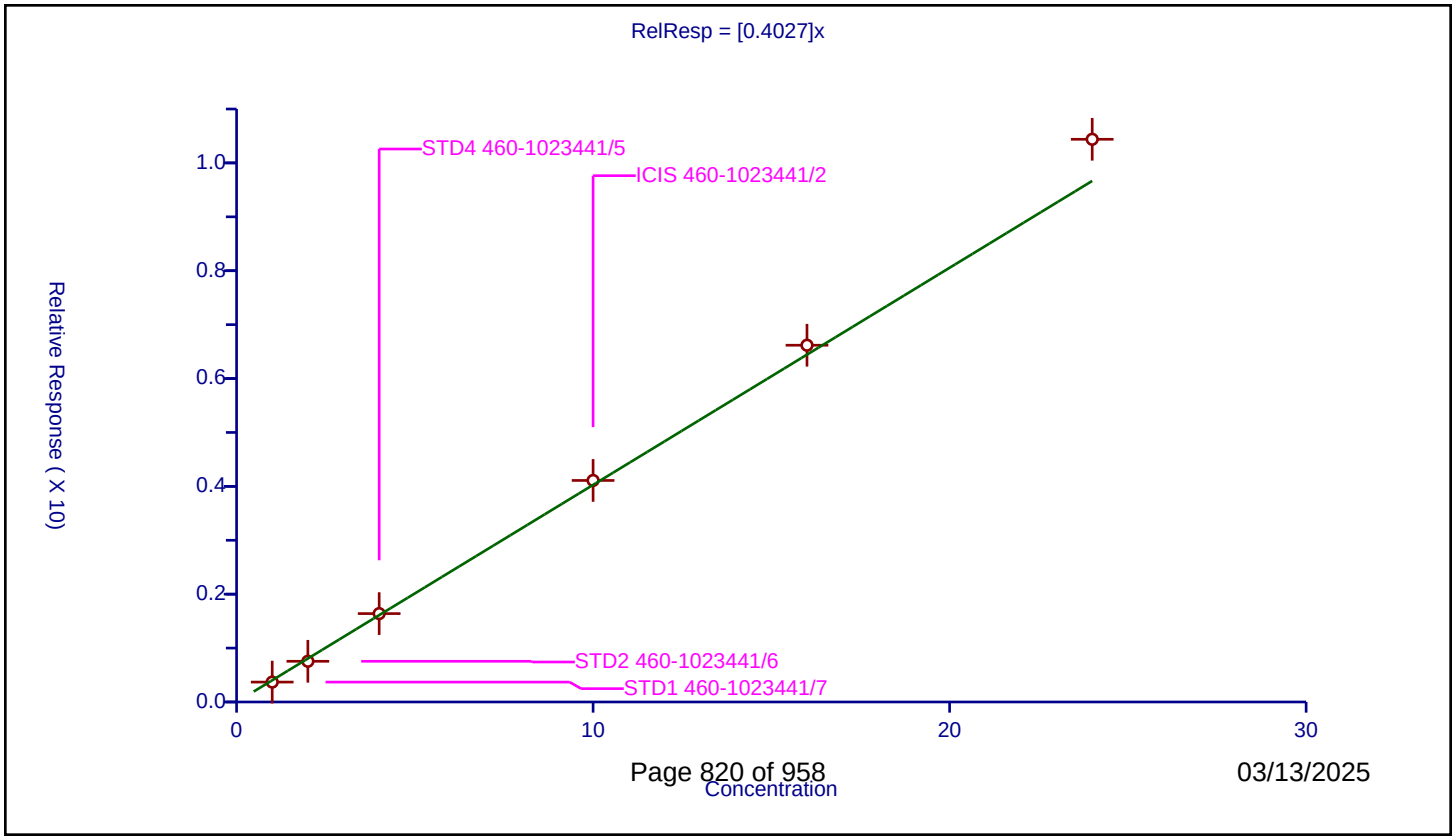
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4027 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.369257 | 8.0 | 1039579.0 | 0.369257 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.755351 | 8.0 | 1008453.0 | 0.377676 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.639822 | 8.0 | 958958.0 | 0.409955 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 4.109777 | 8.0 | 903683.0 | 0.410978 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 6.618318 | 8.0 | 964390.0 | 0.413645 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 10.438641 | 8.0 | 882754.0 | 0.434943 | Y |



## Calibration / 2-Fluorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

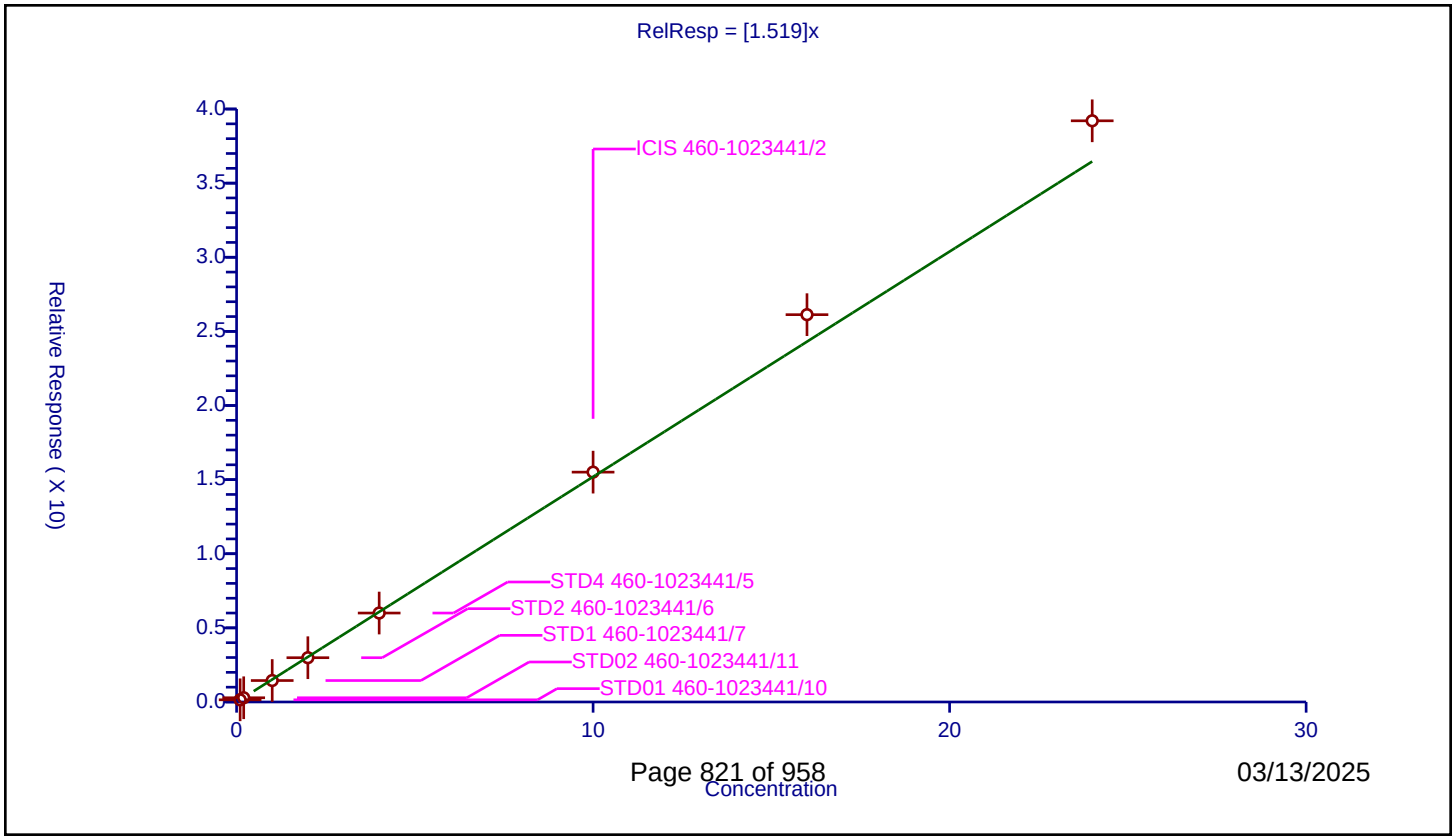
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.519 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.146573 | 8.0 | 982828.0 | 1.46573 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.285877 | 8.0 | 976673.0 | 1.429383 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.447671 | 8.0 | 1039579.0 | 1.447671 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.987602 | 8.0 | 1008453.0 | 1.493801 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 6.000738 | 8.0 | 958958.0 | 1.500185 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 15.506004 | 8.0 | 903683.0 | 1.5506 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 26.12801 | 8.0 | 964390.0 | 1.633001 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 39.205287 | 8.0 | 882754.0 | 1.633554 | Y |



## Calibration / 1,1'-Biphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

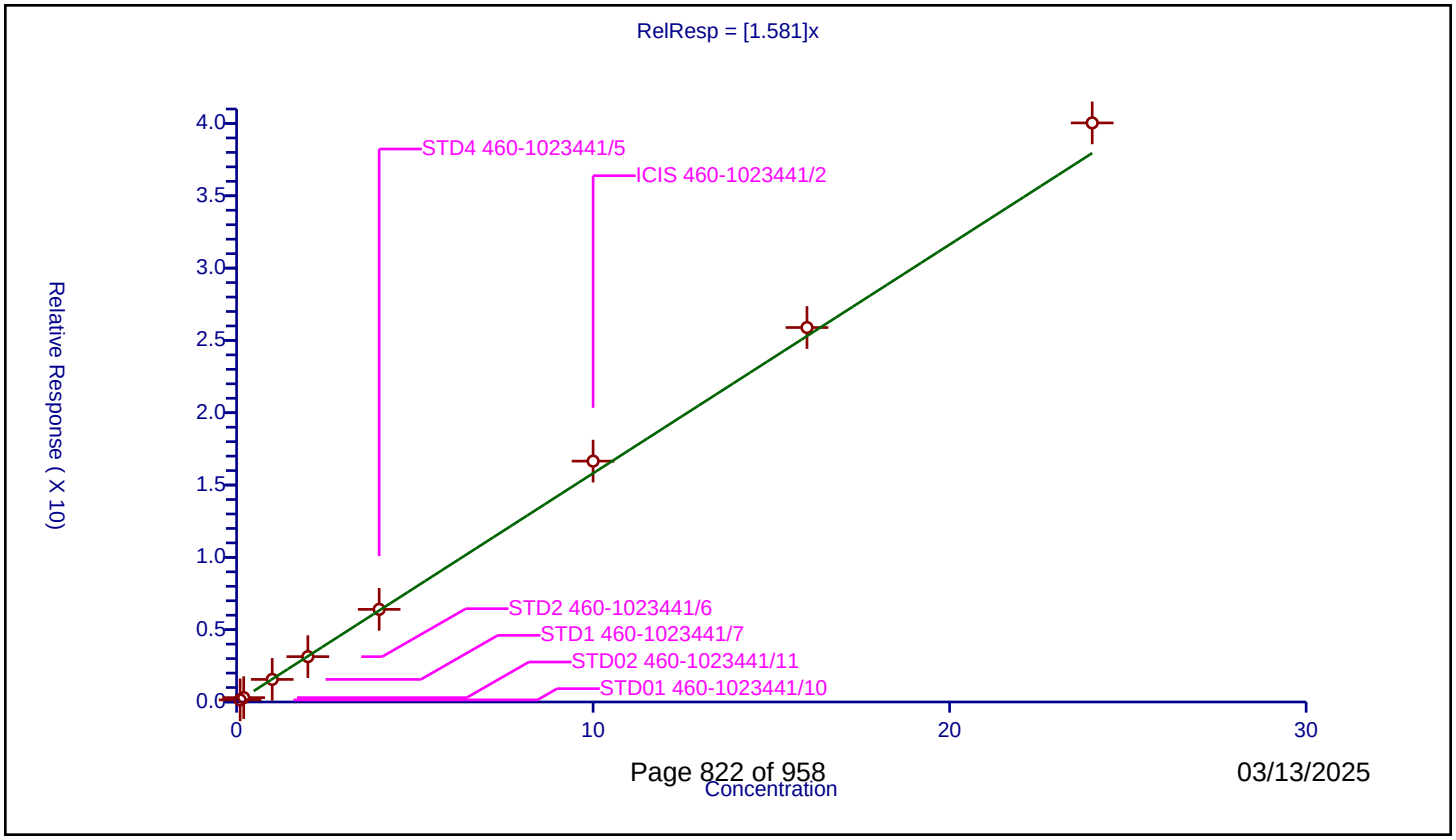
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.581 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.145857 | 8.0 | 982828.0 | 1.458567 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.302259 | 8.0 | 976673.0 | 1.511294 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.560339 | 8.0 | 1039579.0 | 1.560339 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 3.135139 | 8.0 | 1008453.0 | 1.567569 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 6.403751 | 8.0 | 958958.0 | 1.600938 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 16.653433 | 8.0 | 903683.0 | 1.665343 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 25.891268 | 8.0 | 964390.0 | 1.618204 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 40.039504 | 8.0 | 882754.0 | 1.668313 | Y |



## Calibration / 2-Chloronaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

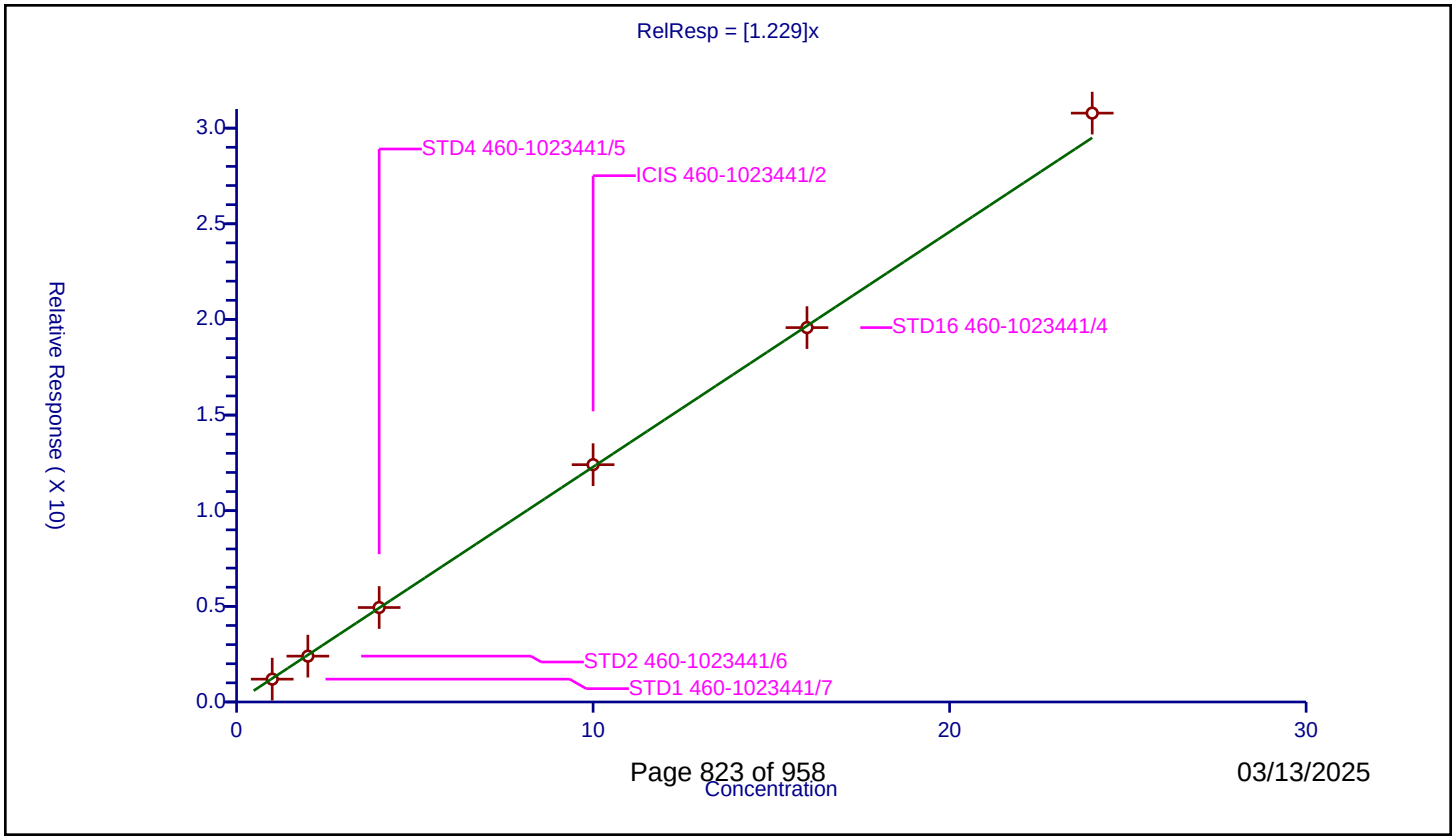
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.229 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.194168 | 8.0 | 1039579.0 | 1.194168 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.397454 | 8.0 | 1008453.0 | 1.198727 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 4.939144 | 8.0 | 958958.0 | 1.234786 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 12.407023 | 8.0 | 903683.0 | 1.240702 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 19.573193 | 8.0 | 964390.0 | 1.223325 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 30.785909 | 8.0 | 882754.0 | 1.282746 | Y |



## Calibration / Phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

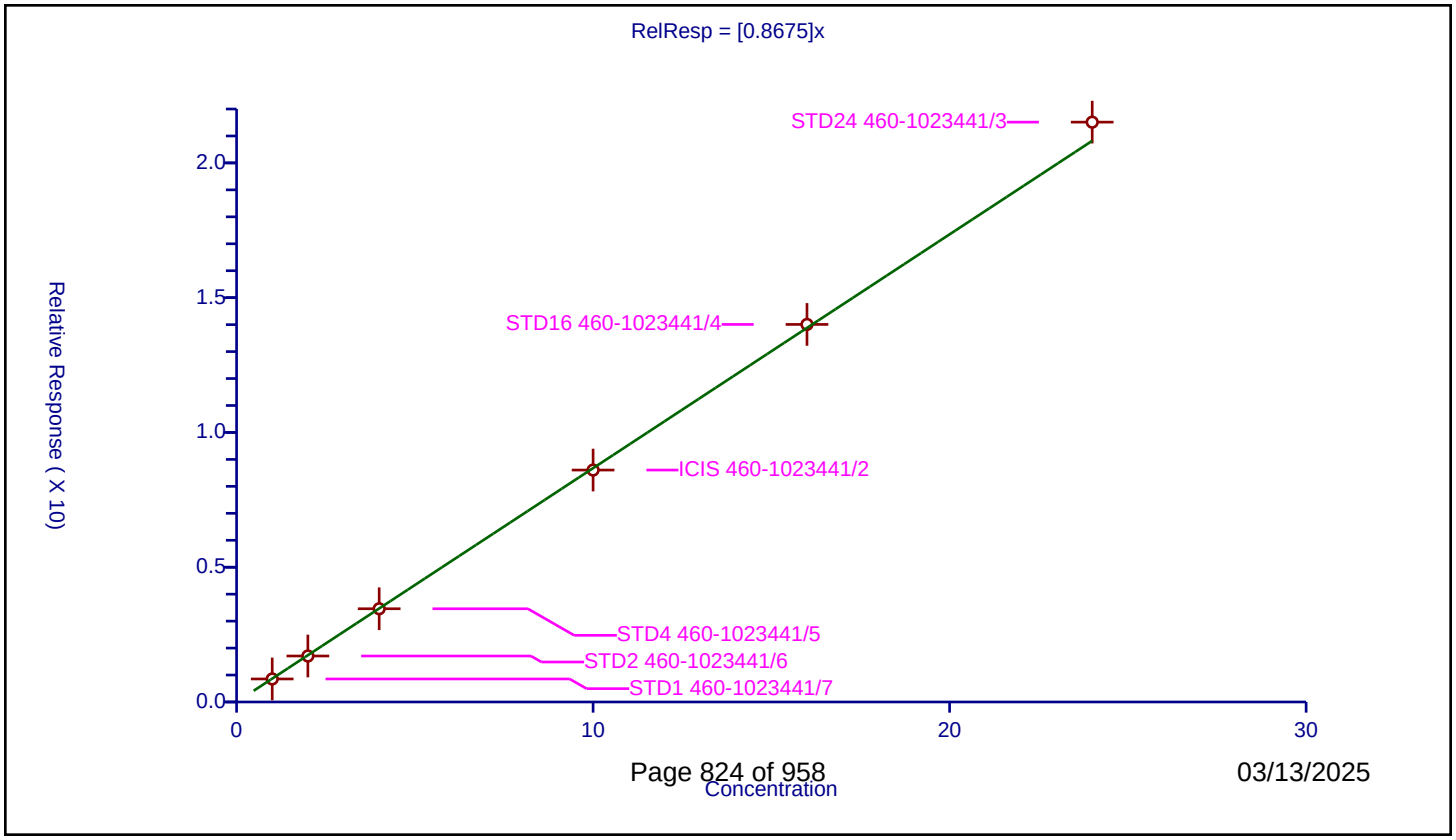
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8675 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.854607 | 8.0 | 1039579.0 | 0.854607 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.706154 | 8.0 | 1008453.0 | 0.853077 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 3.459088 | 8.0 | 958958.0 | 0.864772 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 8.60477 | 8.0 | 903683.0 | 0.860477 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 14.008183 | 8.0 | 964390.0 | 0.875511 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 21.512729 | 8.0 | 882754.0 | 0.896364 | Y |



## Calibration / 2-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

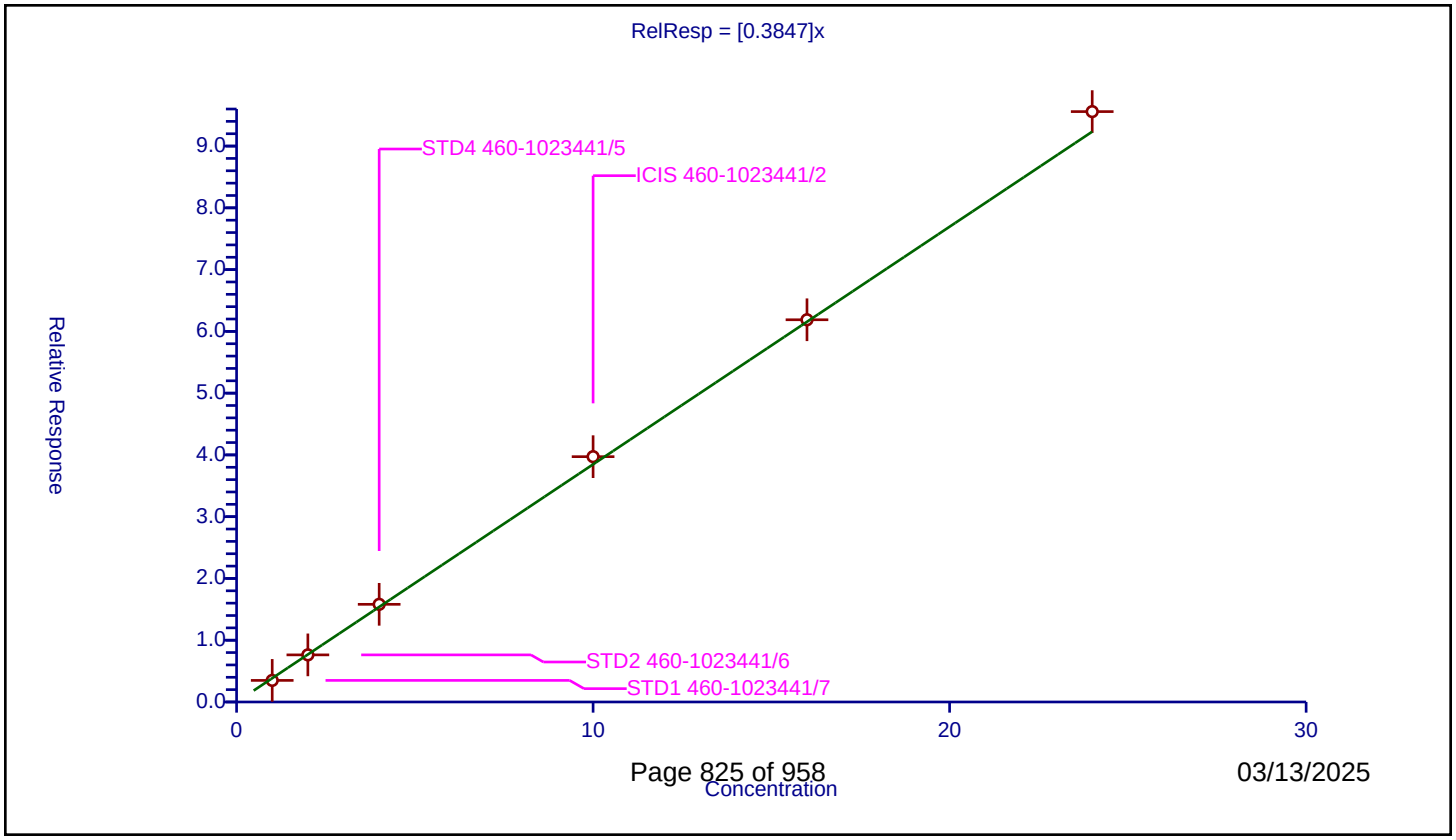
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3847 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.349457 | 8.0 | 1039579.0 | 0.349457 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.762816 | 8.0 | 1008453.0 | 0.381408 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.581024 | 8.0 | 958958.0 | 0.395256 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 3.971685 | 8.0 | 903683.0 | 0.397168 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 6.188152 | 8.0 | 964390.0 | 0.38676 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 9.558088 | 8.0 | 882754.0 | 0.398254 | Y |



## Calibration / 1,3-Dimethylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

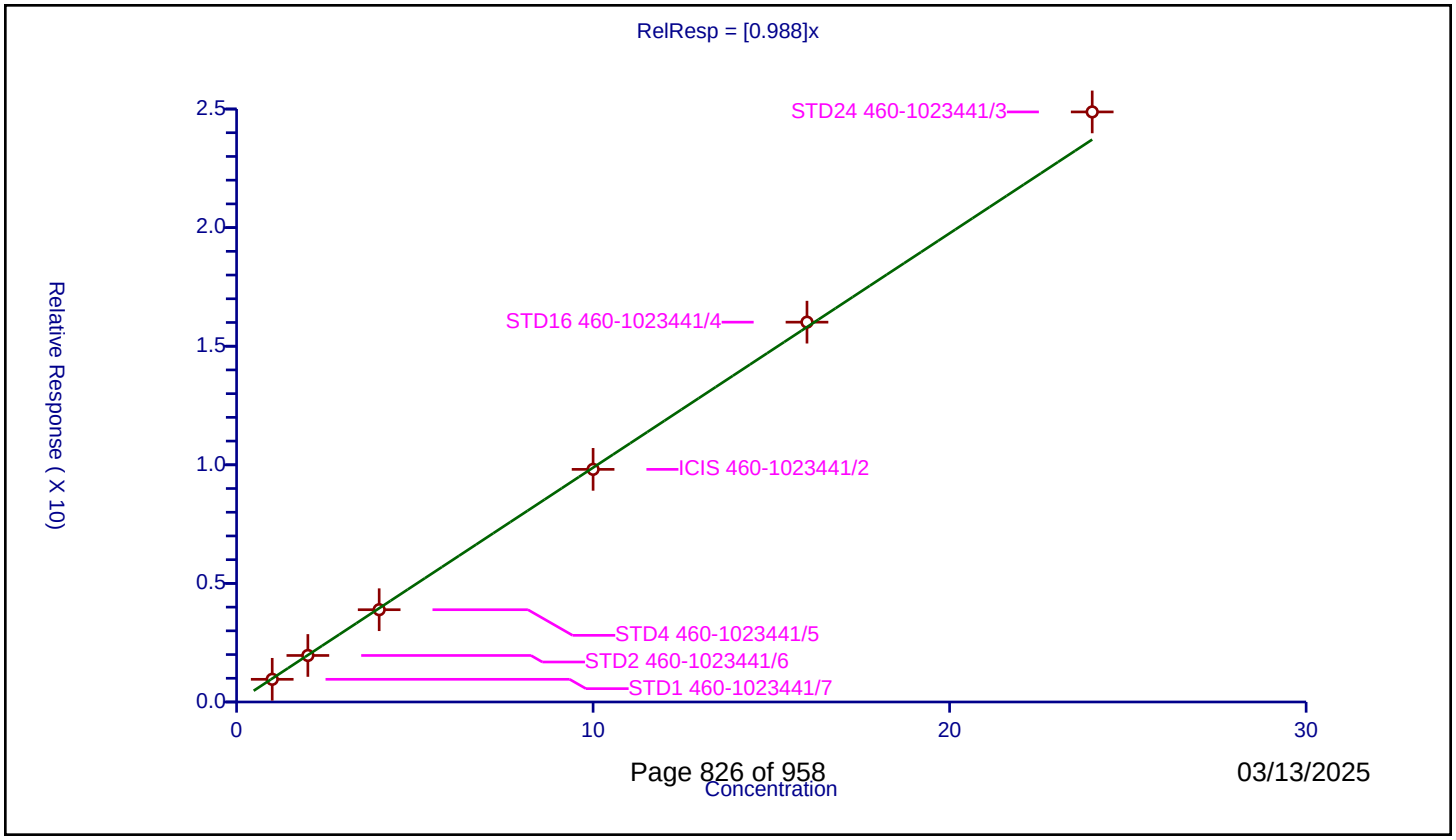
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.988 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.956564 | 8.0 | 1039579.0 | 0.956564 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.961039 | 8.0 | 1008453.0 | 0.98052 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 3.890982 | 8.0 | 958958.0 | 0.972745 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 9.808041 | 8.0 | 903683.0 | 0.980804 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 16.013745 | 8.0 | 964390.0 | 1.000859 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 24.877427 | 8.0 | 882754.0 | 1.036559 | Y |



## Calibration / Coumarin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

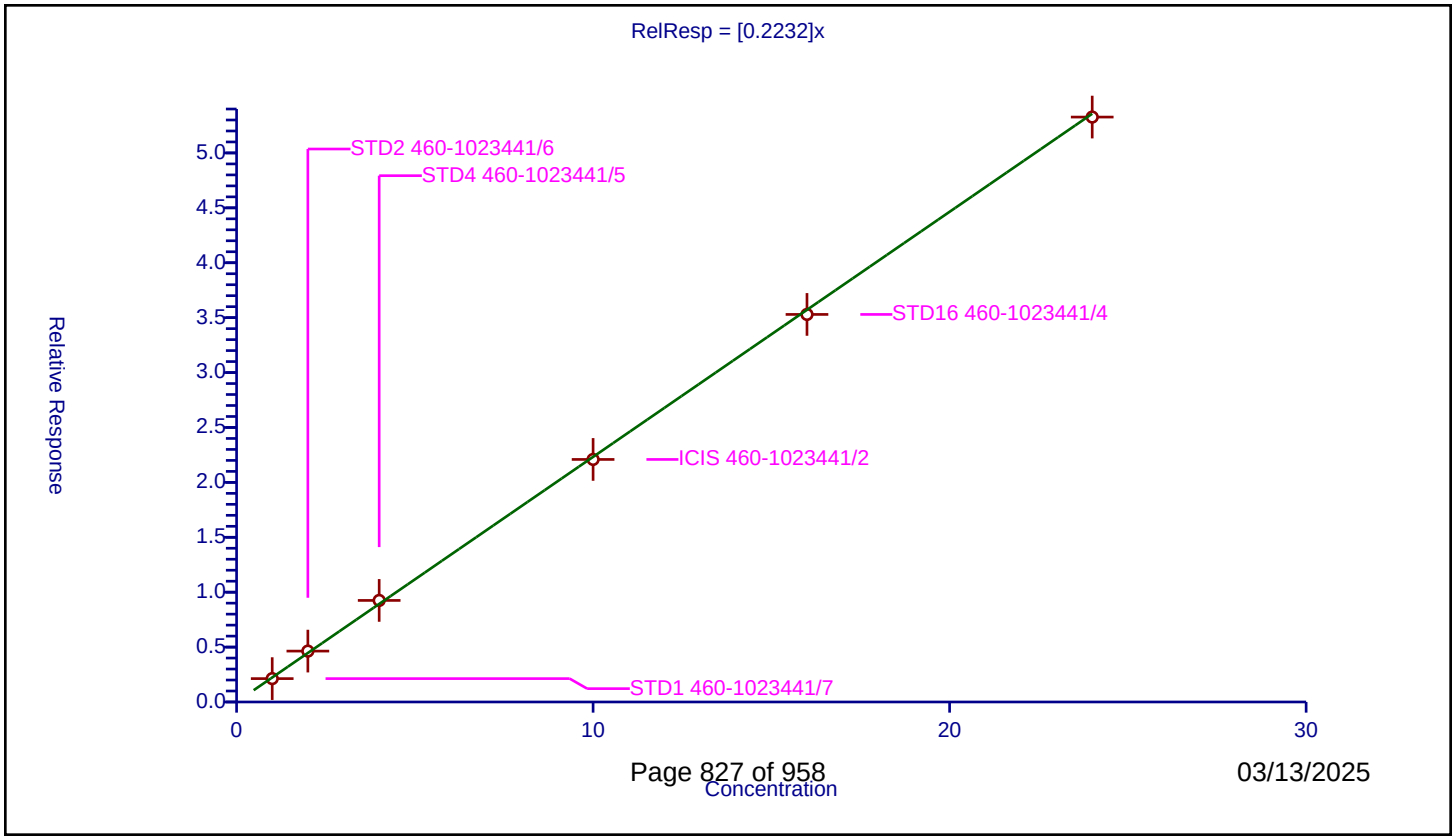
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2232 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.212858 | 8.0 | 2011597.0 | 0.212858 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.463563 | 8.0 | 1932544.0 | 0.231782 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 0.924778 | 8.0 | 1889189.0 | 0.231194 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 2.20869 | 8.0 | 1821934.0 | 0.220869 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 3.529293 | 8.0 | 1965212.0 | 0.220581 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 5.326711 | 8.0 | 1843458.0 | 0.221946 | Y |



## Calibration / Dimethyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

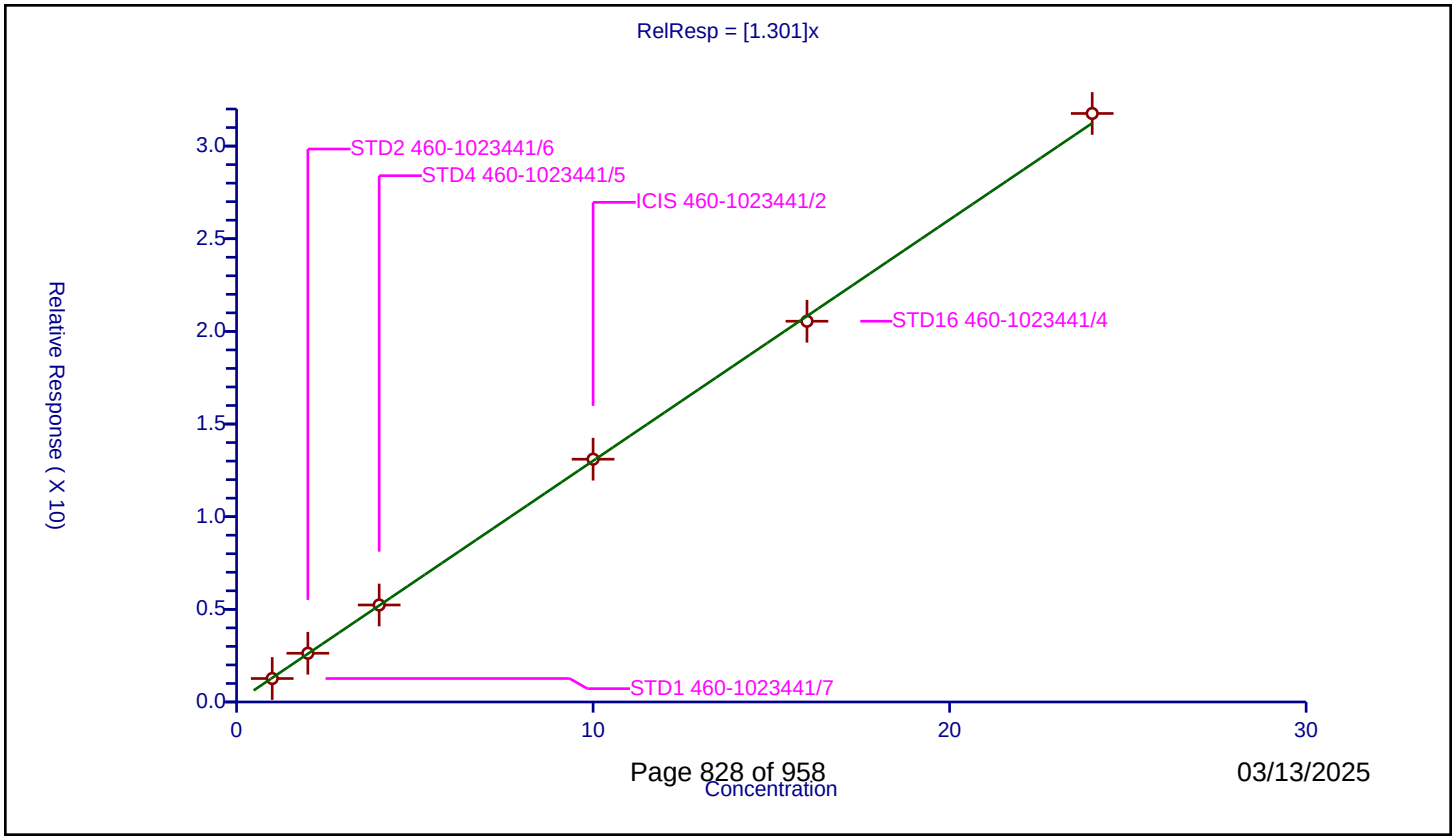
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.301 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.267228 | 8.0 | 1039579.0 | 1.267228 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.630556 | 8.0 | 1008453.0 | 1.315278 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 5.234365 | 8.0 | 958958.0 | 1.308591 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 13.10255 | 8.0 | 903683.0 | 1.310255 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 20.548152 | 8.0 | 964390.0 | 1.284259 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 31.759489 | 8.0 | 882754.0 | 1.323312 | Y |



## Calibration / 2,6-Dinitrotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

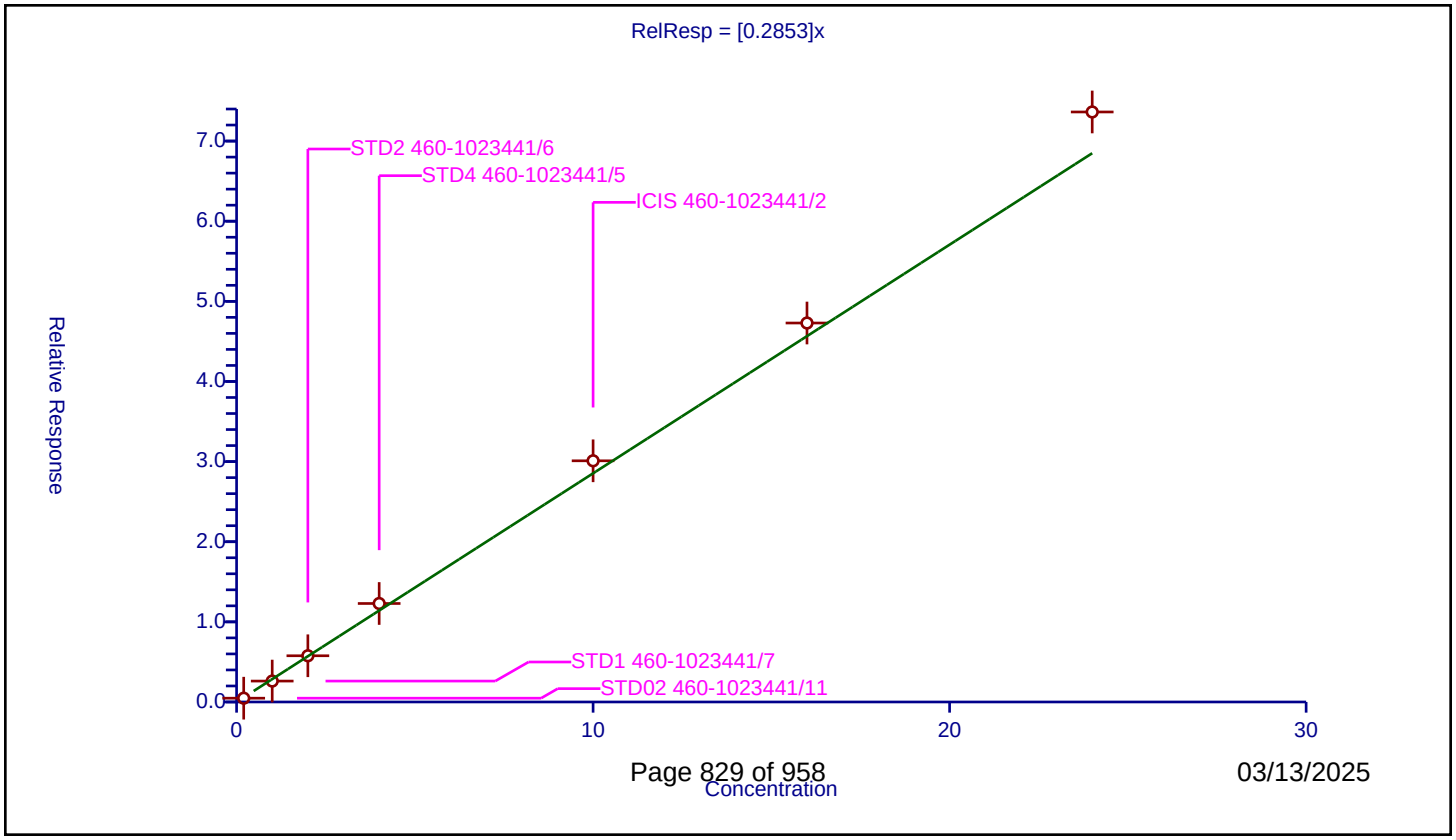
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2853 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.047492 | 8.0 | 976673.0 | 0.237459 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.26099 | 8.0 | 1039579.0 | 0.26099 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 0.576757 | 8.0 | 1008453.0 | 0.288378 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 1.228992 | 8.0 | 958958.0 | 0.307248 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 3.009914 | 8.0 | 903683.0 | 0.300991 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 4.729273 | 8.0 | 964390.0 | 0.29558 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 7.362912 | 8.0 | 882754.0 | 0.306788 | Y |



## Calibration / Acenaphthylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

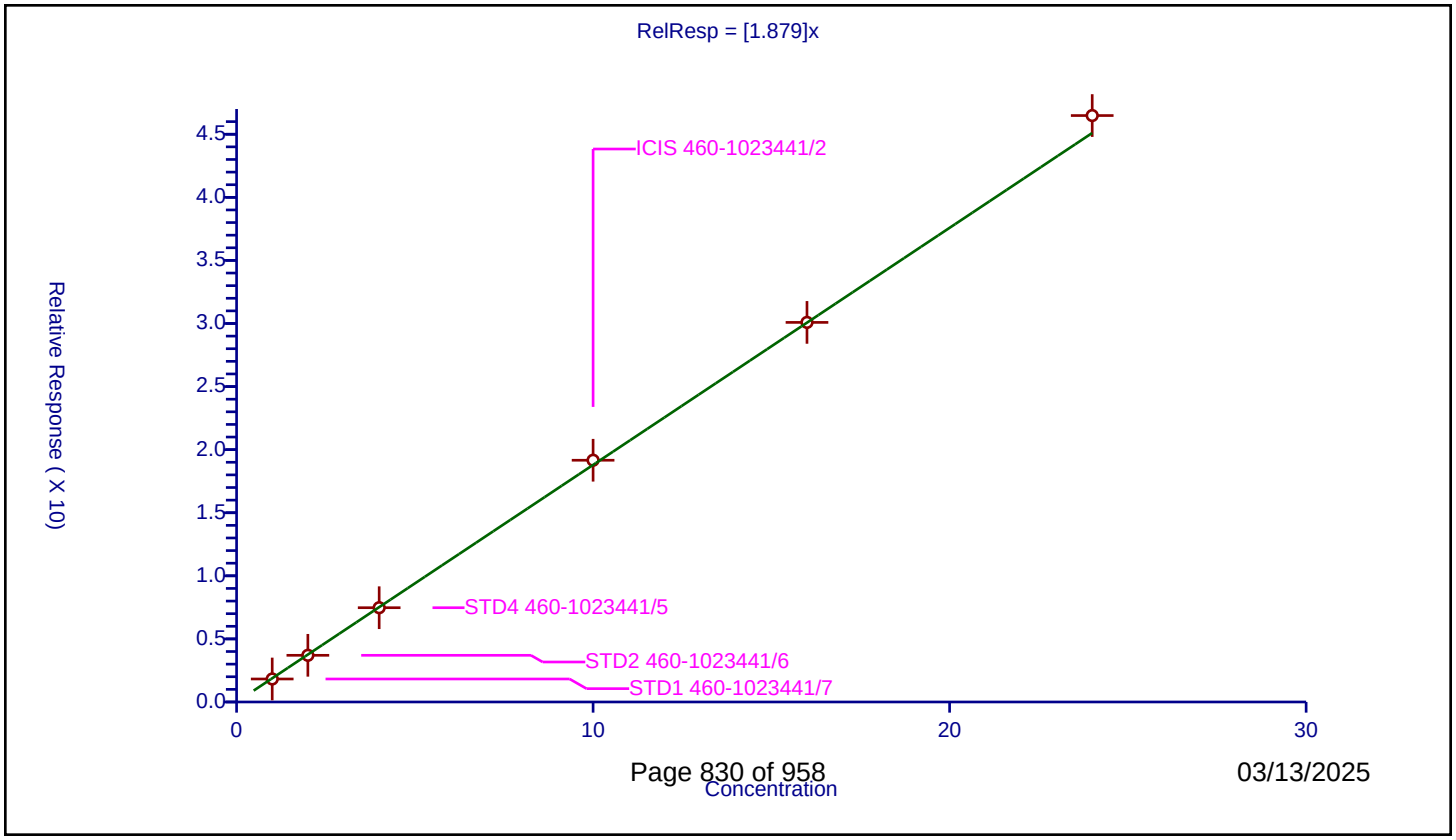
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.879 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.823069 | 8.0 | 1039579.0 | 1.823069 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 3.700654 | 8.0 | 1008453.0 | 1.850327 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 7.47322 | 8.0 | 958958.0 | 1.868305 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 19.162047 | 8.0 | 903683.0 | 1.916205 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 30.086874 | 8.0 | 964390.0 | 1.88043 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 46.481597 | 8.0 | 882754.0 | 1.936733 | Y |



## Calibration / 3-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

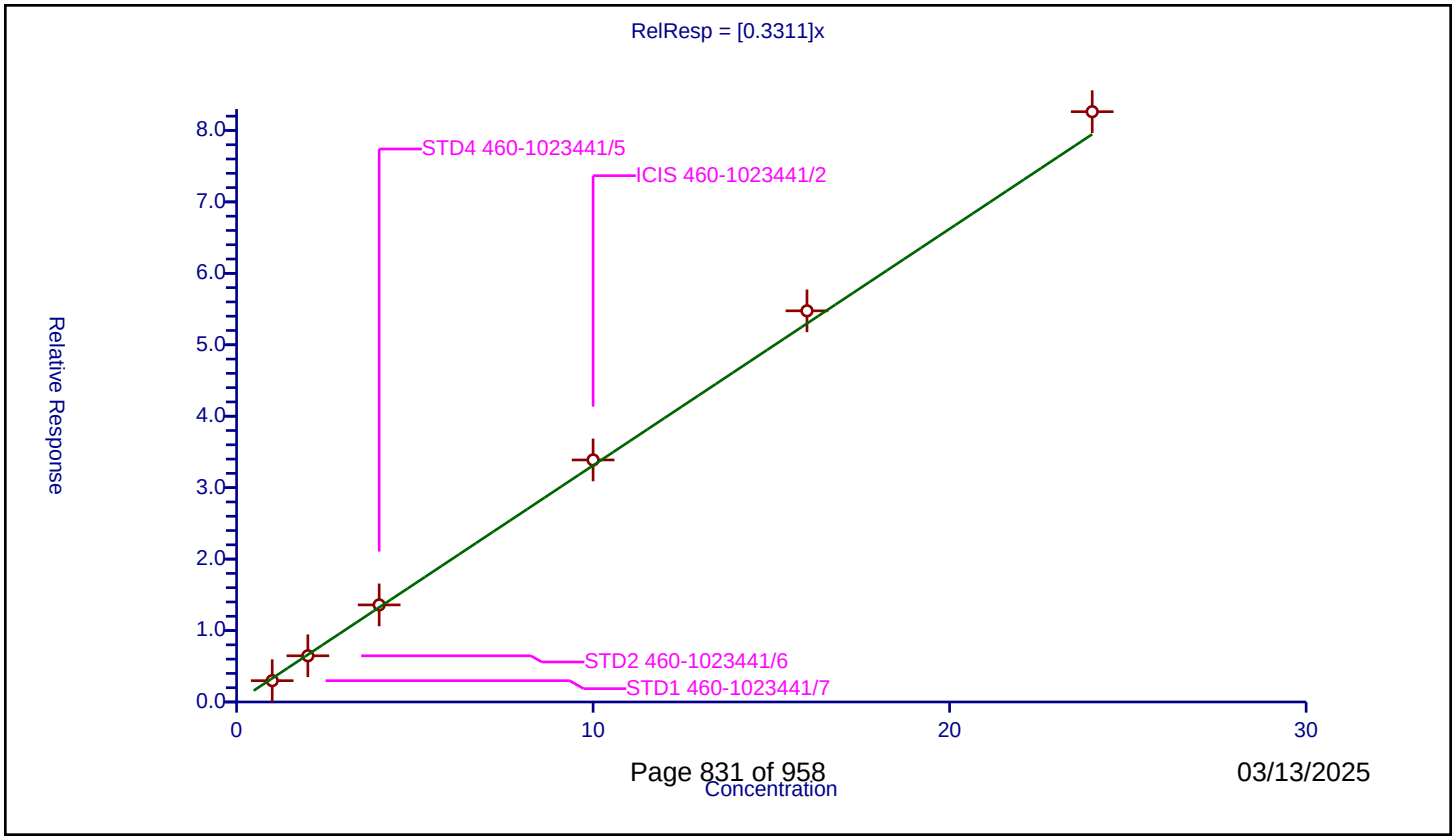
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3311 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.298413 | 8.0 | 1039579.0 | 0.298413 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.646598 | 8.0 | 1008453.0 | 0.323299 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.358917 | 8.0 | 958958.0 | 0.339729 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 3.388073 | 8.0 | 903683.0 | 0.338807 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 5.475055 | 8.0 | 964390.0 | 0.342191 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 8.262651 | 8.0 | 882754.0 | 0.344277 | Y |



## Calibration / Acenaphthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

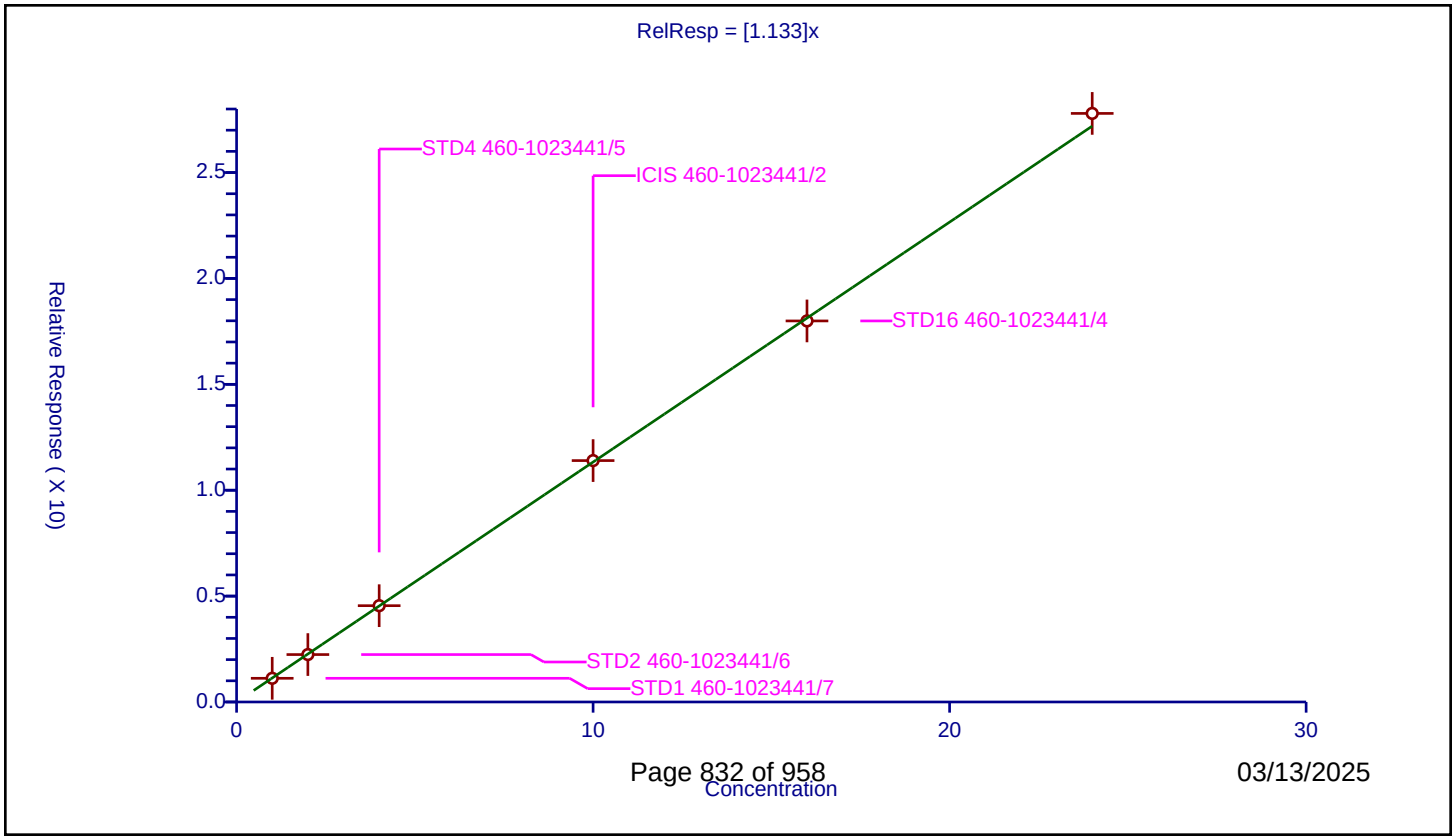
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.133 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.118845 | 8.0 | 1039579.0 | 1.118845 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.239946 | 8.0 | 1008453.0 | 1.119973 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 4.546994 | 8.0 | 958958.0 | 1.136748 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 11.398962 | 8.0 | 903683.0 | 1.139896 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 17.993442 | 8.0 | 964390.0 | 1.12459 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 27.792622 | 8.0 | 882754.0 | 1.158026 | Y |



## Calibration / 3,5-di-tert-butyl-4-hydroxytol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

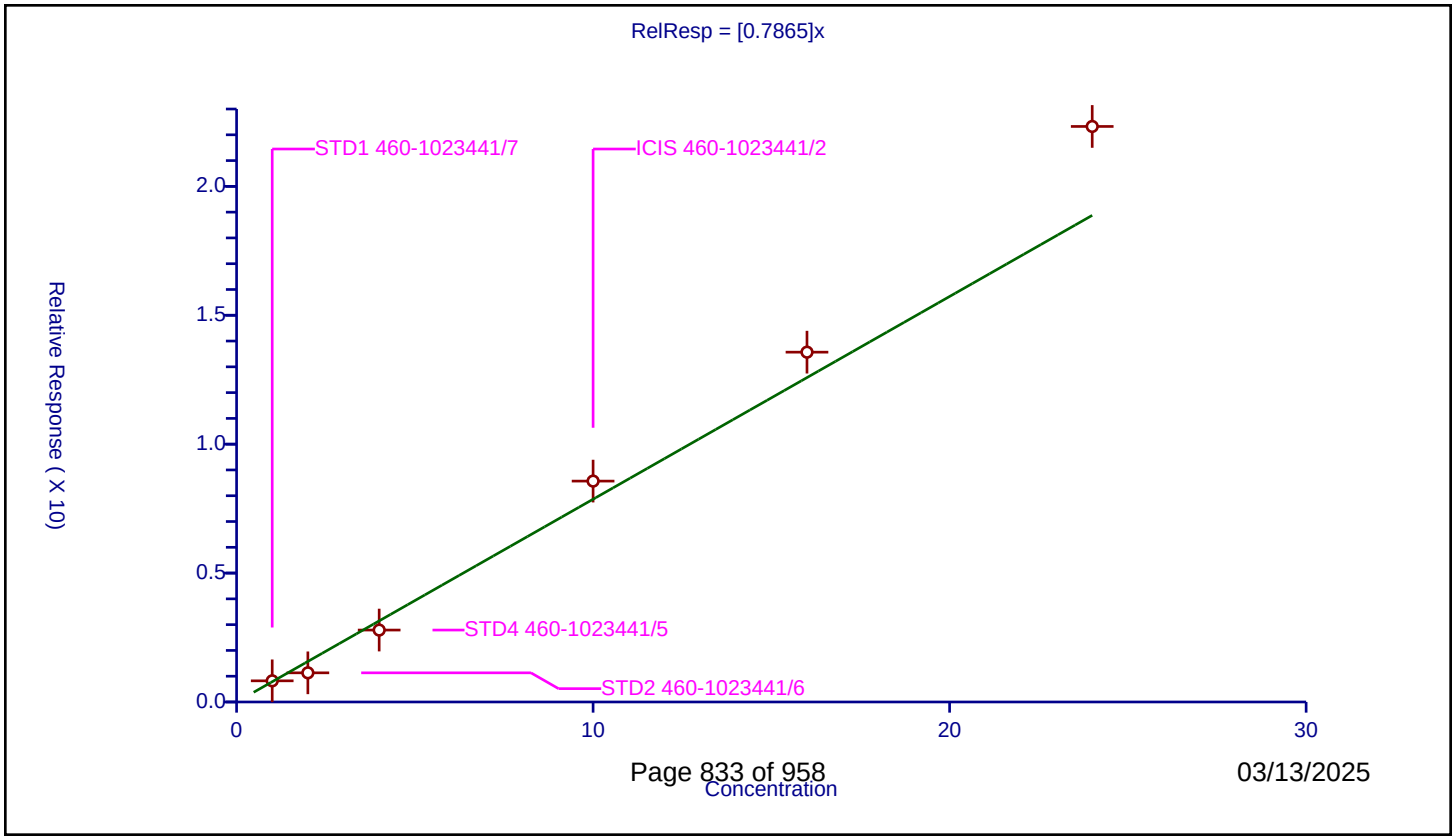
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7865 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.820578 | 8.0 | 1039579.0 | 0.820578 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.131309 | 8.0 | 1008453.0 | 0.565655 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 2.789778 | 8.0 | 958958.0 | 0.697445 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 8.568288 | 8.0 | 903683.0 | 0.856829 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 13.569349 | 8.0 | 964390.0 | 0.848084 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 22.323238 | 8.0 | 882754.0 | 0.930135 | Y |



## Calibration / 2,4-Dinitrophenol

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

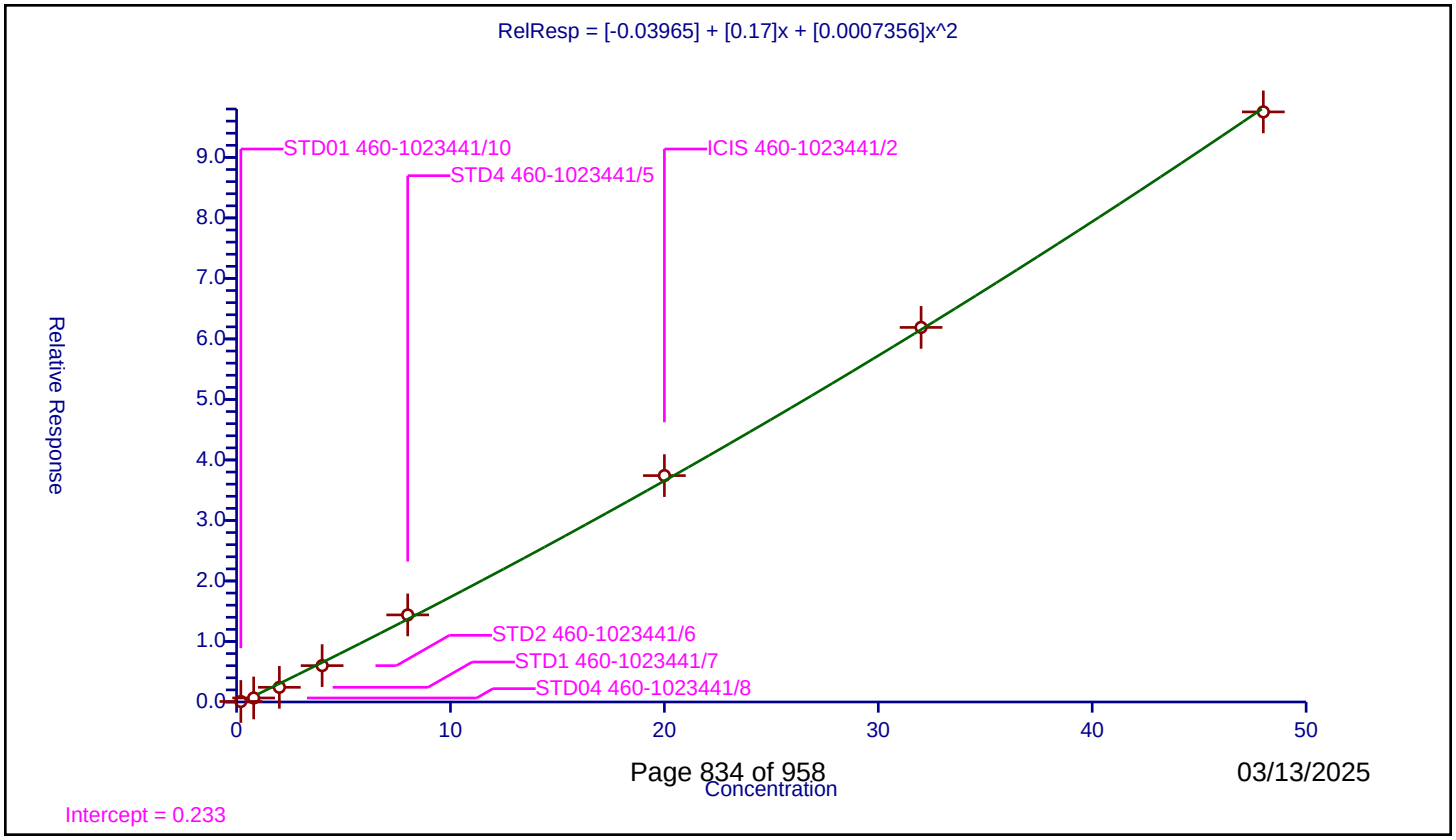
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.03965 |
| **Slope:** | 0.17 |
| **Second Order:** | 0.0007356 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 22.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.2 | 0.008034 | 8.0 | 982828.0 | 0.04017 | Y |
| 2 | STD04 460-1023441/8 | 0.8 | 0.066418 | 8.0 | 1032493.0 | 0.083022 | Y |
| 3 | STD1 460-1023441/7 | 2.0 | 0.242644 | 8.0 | 1039579.0 | 0.121322 | Y |
| 4 | STD2 460-1023441/6 | 4.0 | 0.60077 | 8.0 | 1008453.0 | 0.150192 | Y |
| 5 | STD4 460-1023441/5 | 8.0 | 1.439329 | 8.0 | 958958.0 | 0.179916 | Y |
| 6 | ICIS 460-1023441/2 | 20.0 | 3.741294 | 8.0 | 903683.0 | 0.187065 | Y |
| 7 | STD16 460-1023441/4 | 32.0 | 6.190384 | 8.0 | 964390.0 | 0.193449 | Y |
| 8 | STD24 460-1023441/3 | 48.0 | 9.752561 | 8.0 | 882754.0 | 0.203178 | Y |



## Calibration / 4-Nitrophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

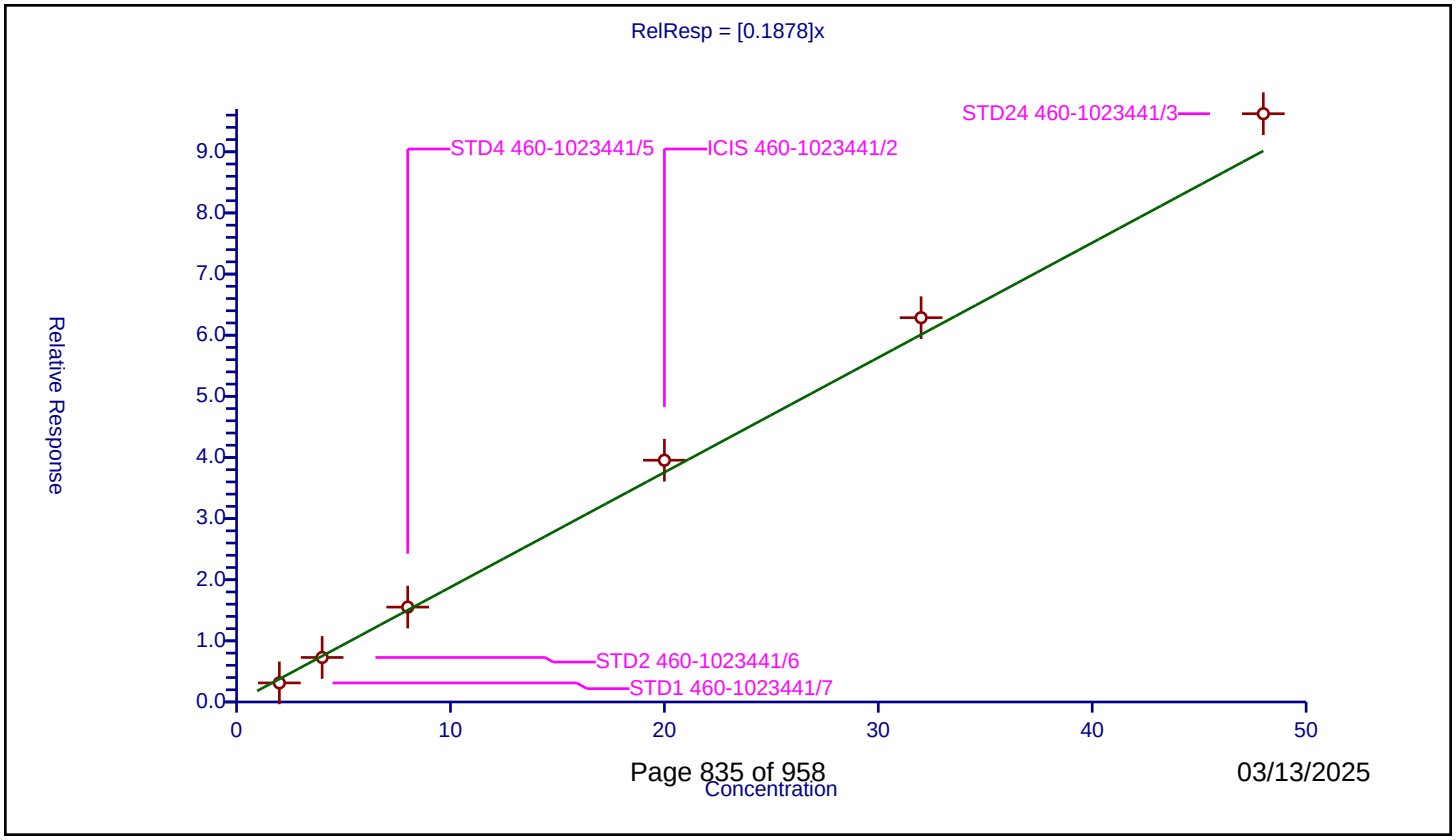
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1878 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 2.0 | 0.312265 | 8.0 | 1039579.0 | 0.156132 | Y |
| 2 | STD2 460-1023441/6 | 4.0 | 0.72807 | 8.0 | 1008453.0 | 0.182017 | Y |
| 3 | STD4 460-1023441/5 | 8.0 | 1.552076 | 8.0 | 958958.0 | 0.19401 | Y |
| 4 | ICIS 460-1023441/2 | 20.0 | 3.955024 | 8.0 | 903683.0 | 0.197751 | Y |
| 5 | STD16 460-1023441/4 | 32.0 | 6.286129 | 8.0 | 964390.0 | 0.196442 | Y |
| 6 | STD24 460-1023441/3 | 48.0 | 9.623093 | 8.0 | 882754.0 | 0.200481 | Y |



## Calibration / Dibenzofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

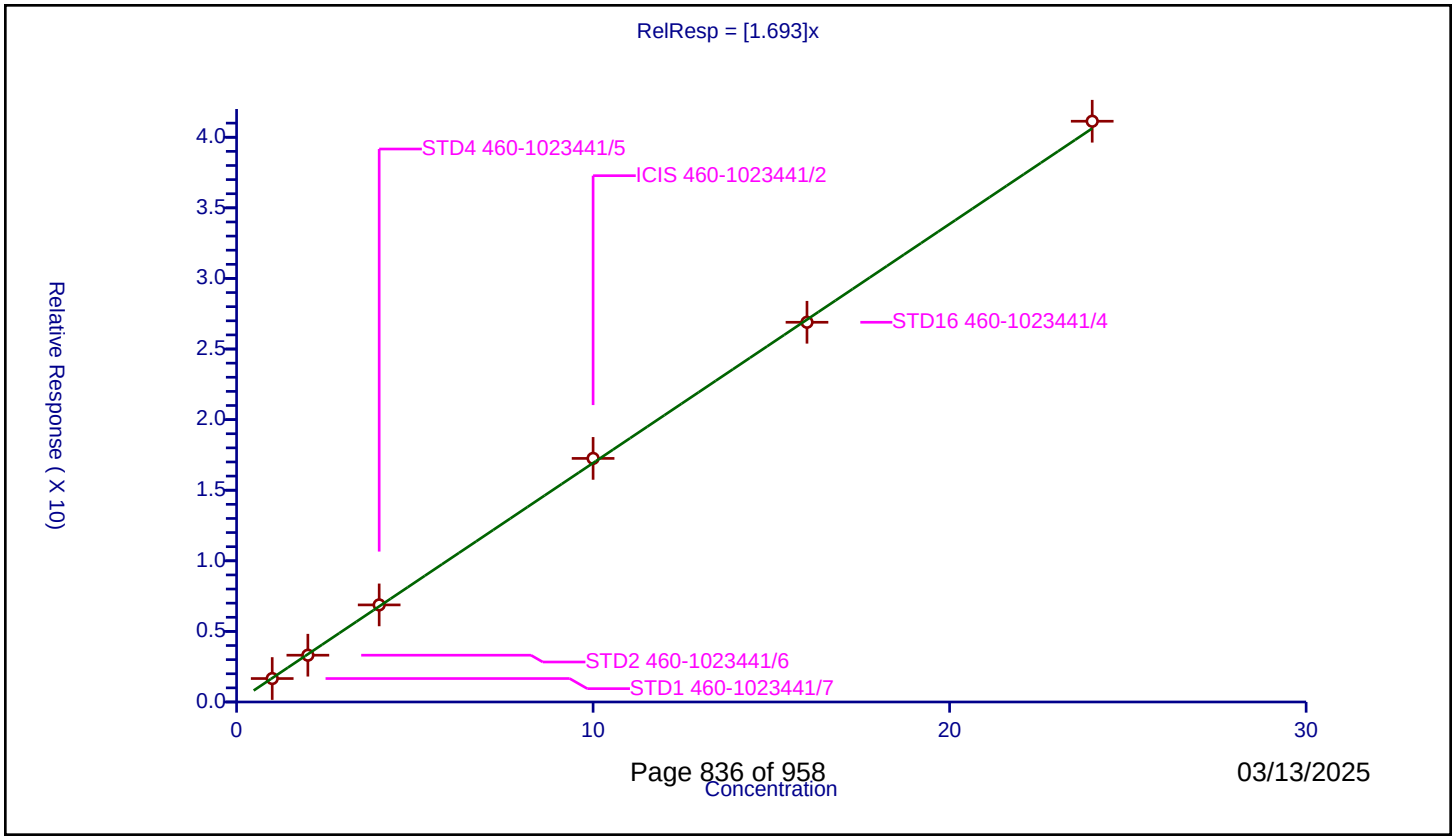
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.693 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.66098 | 8.0 | 1039579.0 | 1.66098 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 3.312979 | 8.0 | 1008453.0 | 1.65649 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 6.875763 | 8.0 | 958958.0 | 1.718941 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 17.252661 | 8.0 | 903683.0 | 1.725266 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 26.894821 | 8.0 | 964390.0 | 1.680926 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 41.13474 | 8.0 | 882754.0 | 1.713947 | Y |



## Calibration / 2,4-Dinitrotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

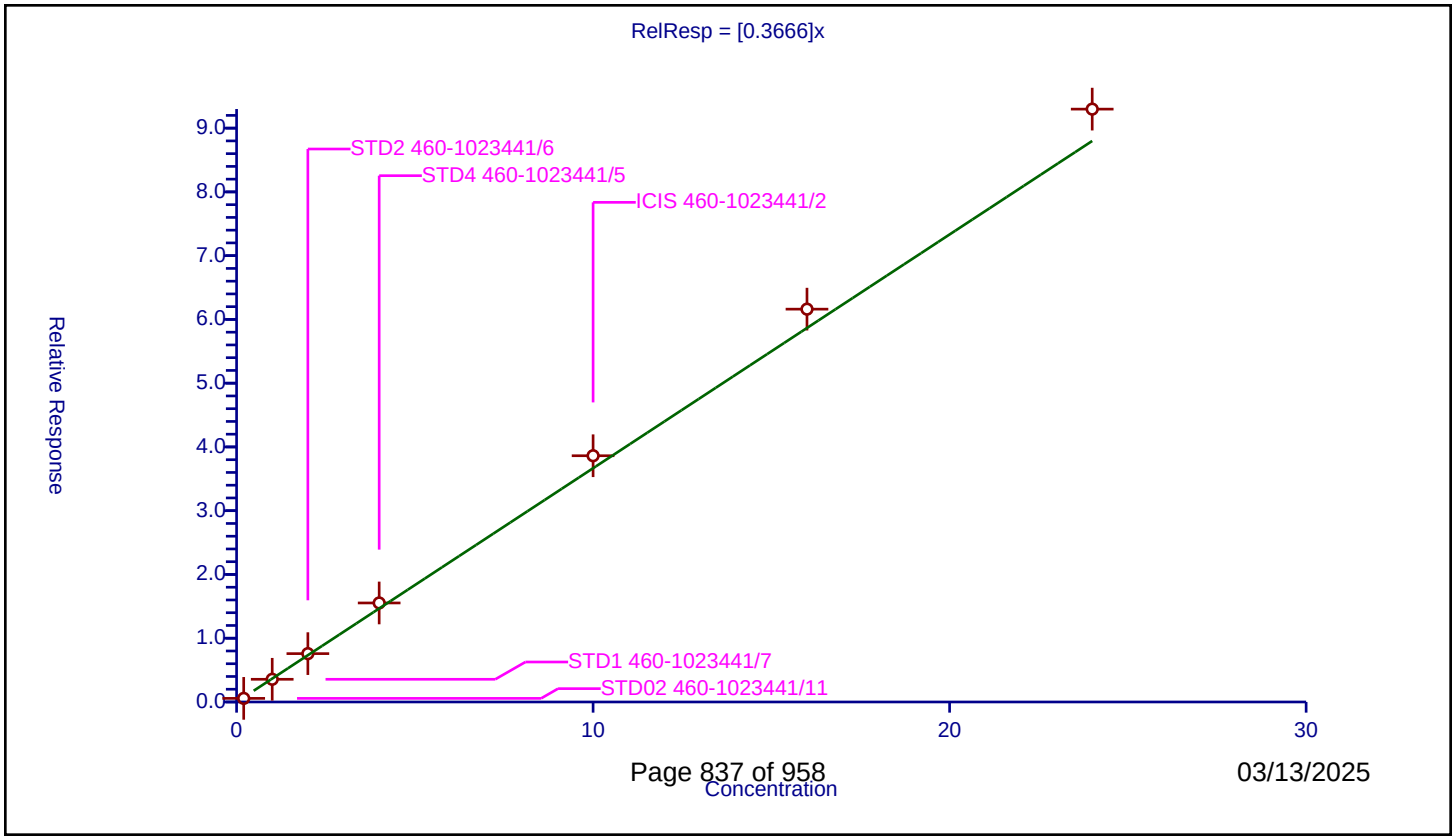
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3666 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.056789 | 8.0 | 976673.0 | 0.283944 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.356136 | 8.0 | 1039579.0 | 0.356136 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 0.758508 | 8.0 | 1008453.0 | 0.379254 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 1.553278 | 8.0 | 958958.0 | 0.388319 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 3.862045 | 8.0 | 903683.0 | 0.386204 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 6.161316 | 8.0 | 964390.0 | 0.385082 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 9.298346 | 8.0 | 882754.0 | 0.387431 | Y |



## Calibration / 2,3,4,6-Tetrachlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

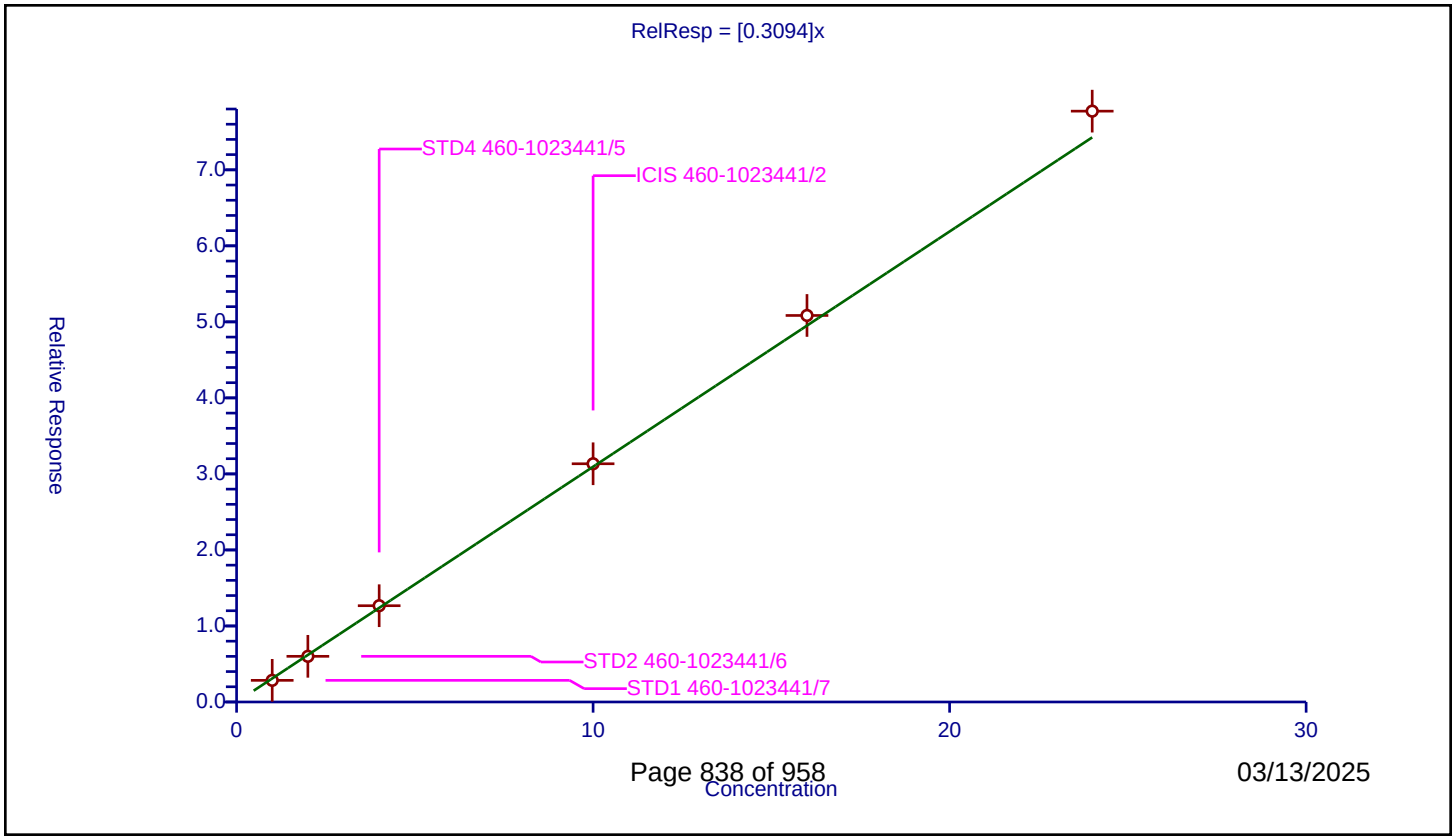
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3094 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.284777 | 8.0 | 1039579.0 | 0.284777 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.600619 | 8.0 | 1008453.0 | 0.300309 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.266533 | 8.0 | 958958.0 | 0.316633 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 3.133612 | 8.0 | 903683.0 | 0.313361 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 5.08435 | 8.0 | 964390.0 | 0.317772 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 7.771887 | 8.0 | 882754.0 | 0.323829 | Y |



## Calibration / Diethyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

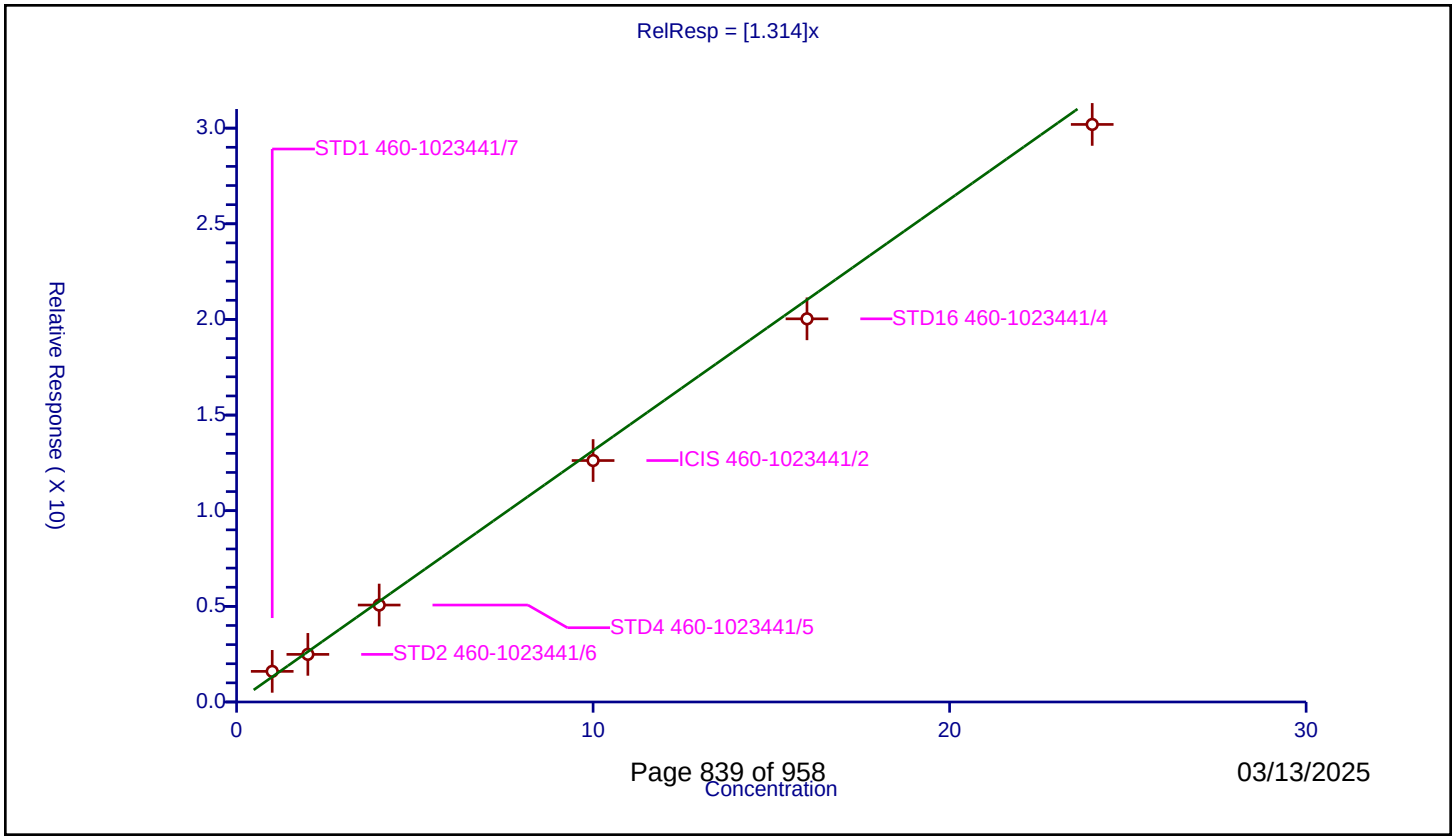
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.314 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.601371 | 8.0 | 1039579.0 | 1.601371 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.489207 | 8.0 | 1008453.0 | 1.244603 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 5.068101 | 8.0 | 958958.0 | 1.267025 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 12.622559 | 8.0 | 903683.0 | 1.262256 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 20.031523 | 8.0 | 964390.0 | 1.25197 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 30.193626 | 8.0 | 882754.0 | 1.258068 | Y |



## Calibration / n-Octadecane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

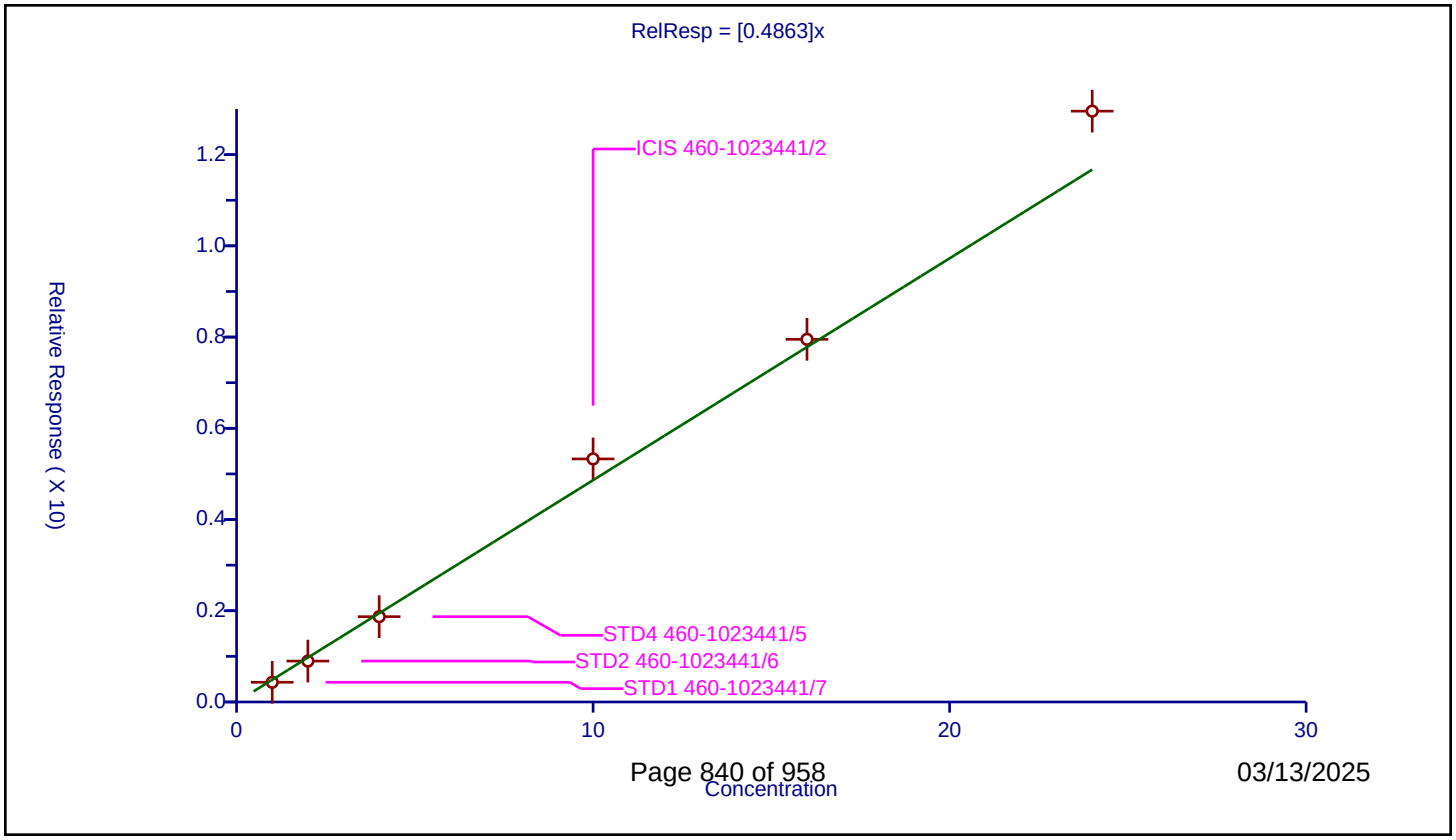
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4863 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.432345 | 8.0 | 1797100.0 | 0.432345 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.896829 | 8.0 | 1734012.0 | 0.448414 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.870633 | 8.0 | 1630092.0 | 0.467658 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 5.328594 | 8.0 | 1455740.0 | 0.532859 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 7.950362 | 8.0 | 1545414.0 | 0.496898 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 12.953176 | 8.0 | 1358687.0 | 0.539716 | Y |



## Calibration / Fluorene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

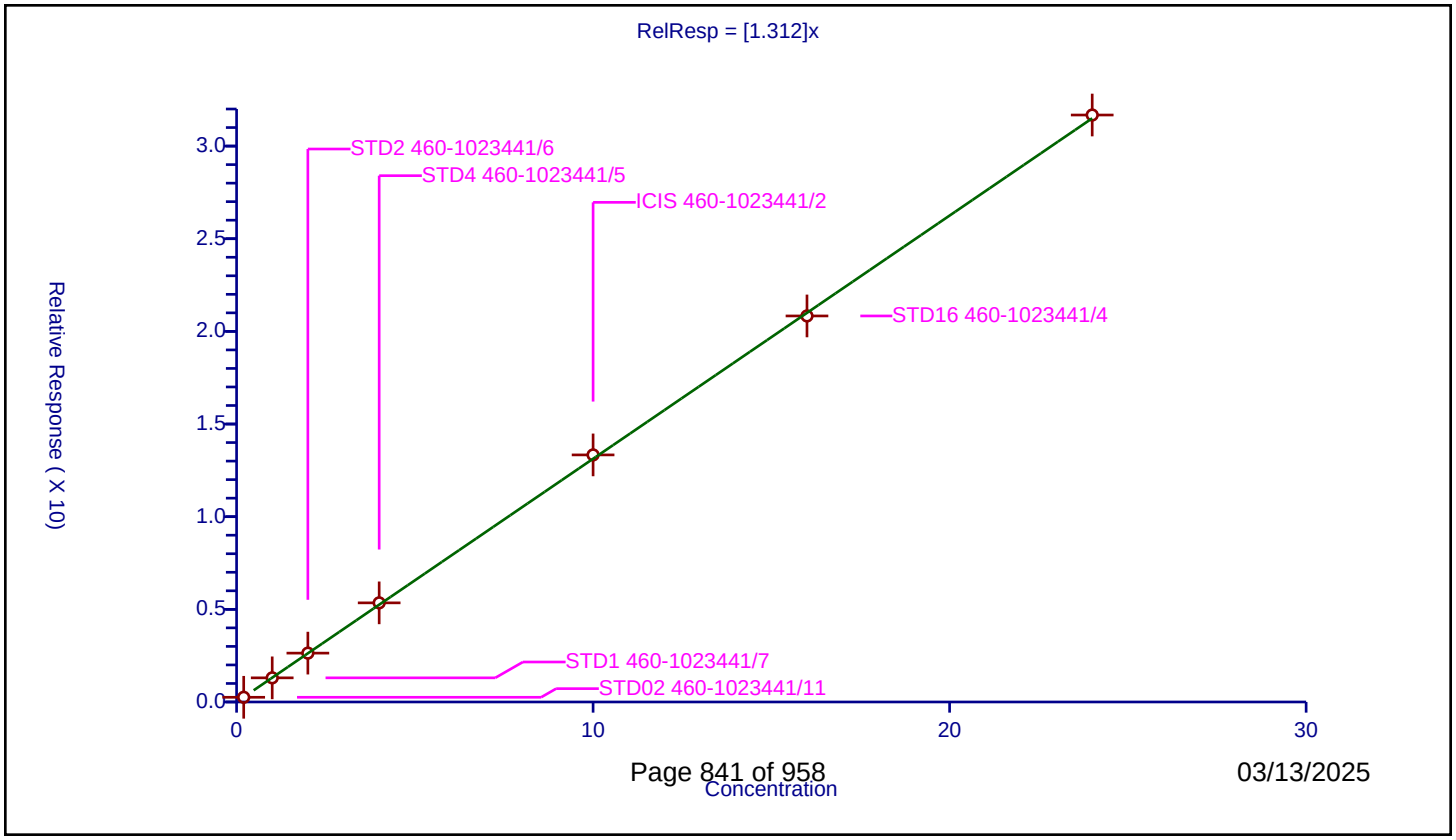
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.312 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.25457 | 8.0 | 976673.0 | 1.272852 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 1.302989 | 8.0 | 1039579.0 | 1.302989 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 2.637624 | 8.0 | 1008453.0 | 1.318812 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 5.34964 | 8.0 | 958958.0 | 1.33741 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 13.333755 | 8.0 | 903683.0 | 1.333376 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 20.832601 | 8.0 | 964390.0 | 1.302038 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 31.67644 | 8.0 | 882754.0 | 1.319852 | Y |



## Calibration / 4-Chlorophenyl phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

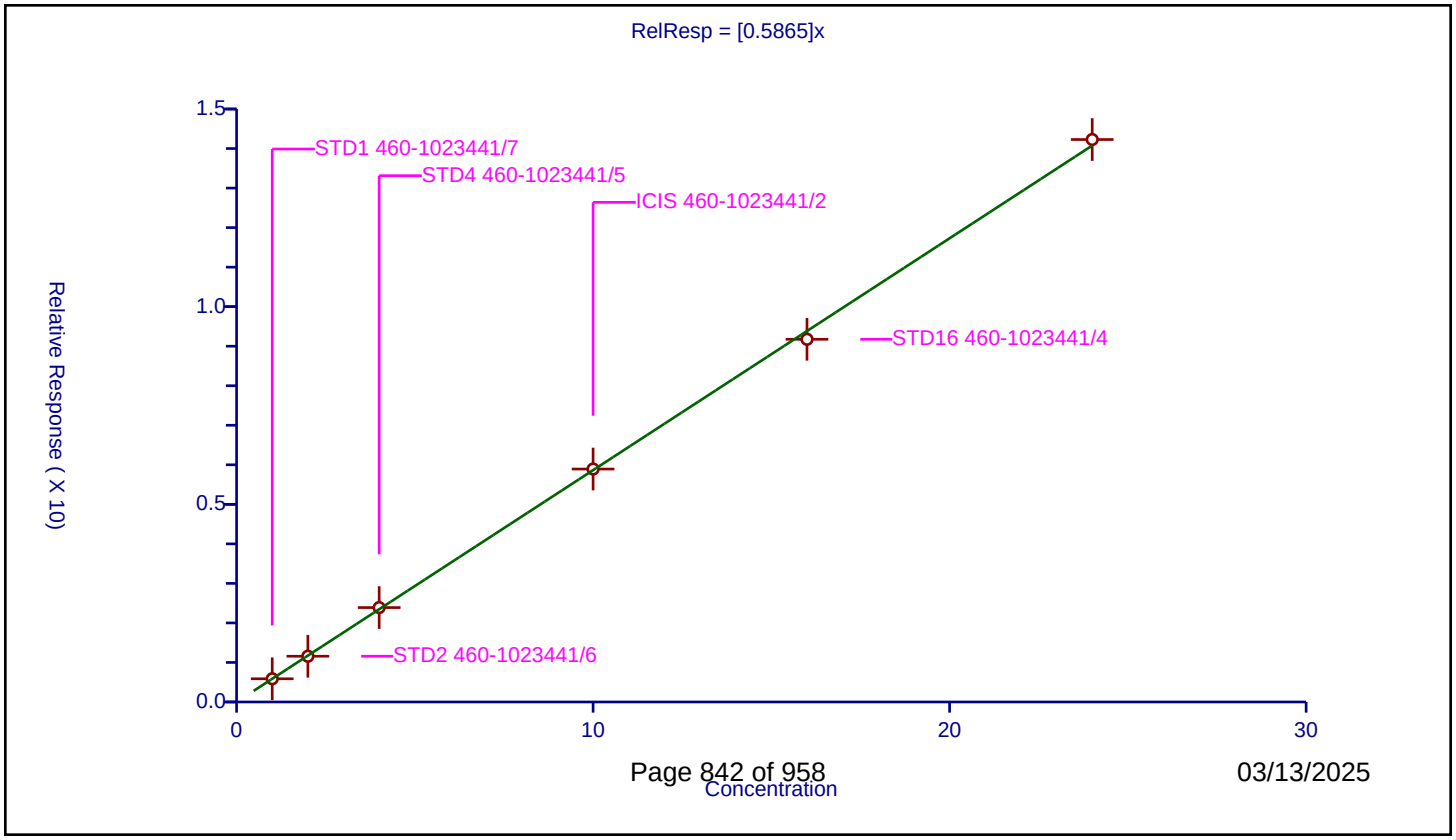
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5865 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.587353 | 8.0 | 1039579.0 | 0.587353 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.15748 | 8.0 | 1008453.0 | 0.57874 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 2.388593 | 8.0 | 958958.0 | 0.597148 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 5.892544 | 8.0 | 903683.0 | 0.589254 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 9.175425 | 8.0 | 964390.0 | 0.573464 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 14.228236 | 8.0 | 882754.0 | 0.592843 | Y |



## Calibration / 4-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

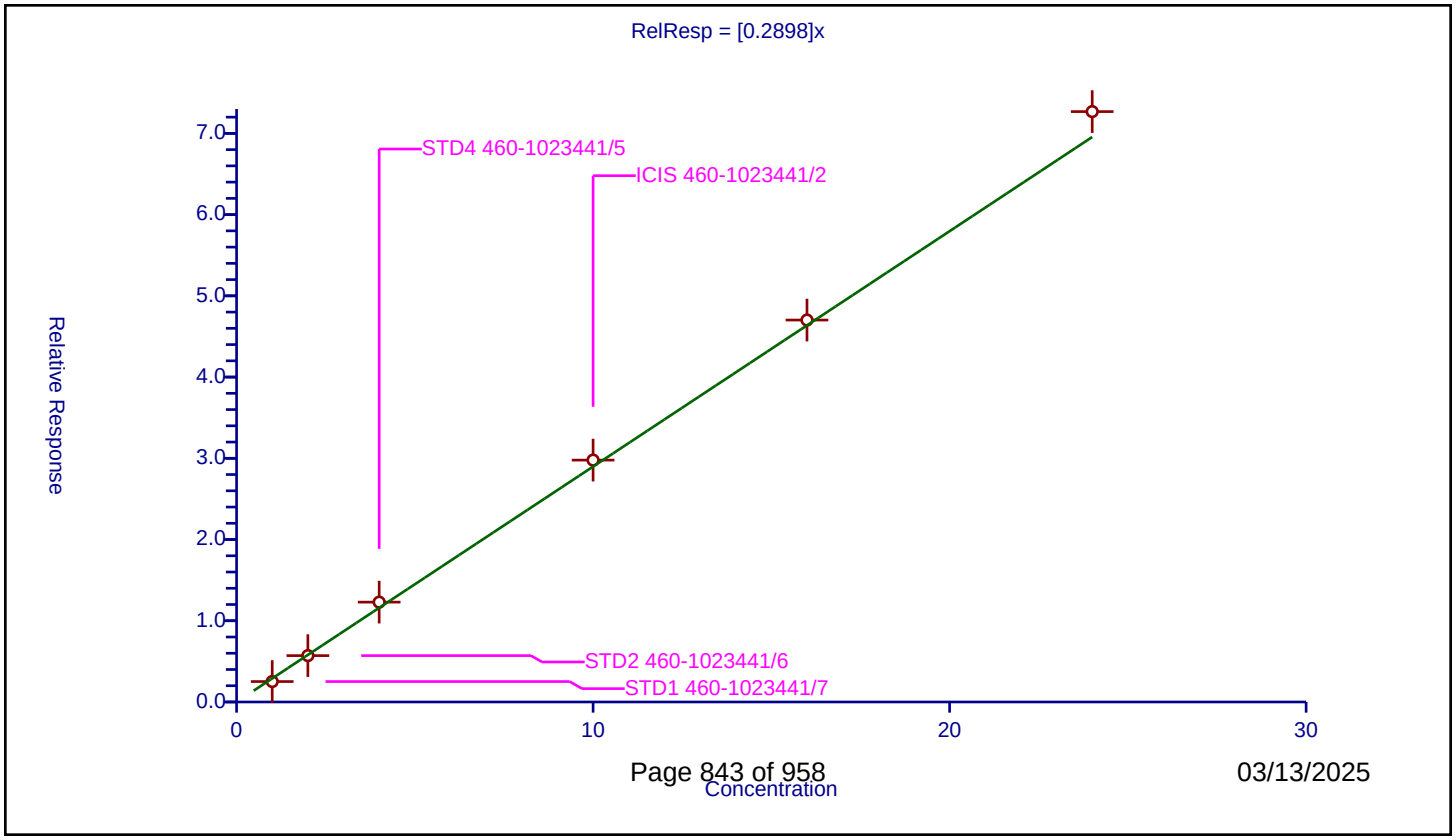
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2898 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.251656 | 8.0 | 1039579.0 | 0.251656 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.57072 | 8.0 | 1008453.0 | 0.28536 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.229176 | 8.0 | 958958.0 | 0.307294 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 2.977655 | 8.0 | 903683.0 | 0.297765 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 4.70204 | 8.0 | 964390.0 | 0.293877 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 7.268027 | 8.0 | 882754.0 | 0.302834 | Y |



## Calibration / 4,6-Dinitro-2-methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

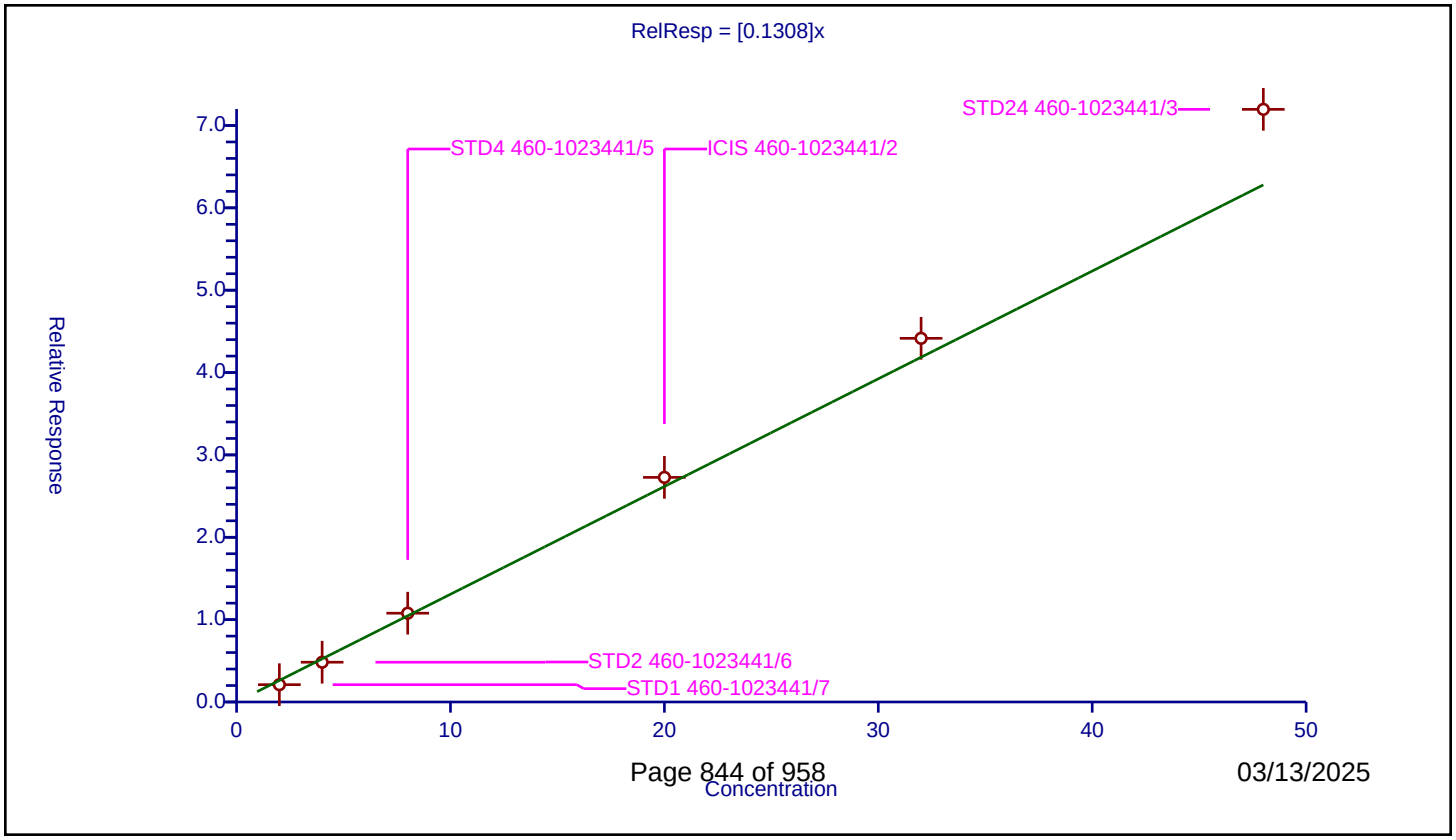
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1308 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 2.0 | 0.210201 | 8.0 | 1797100.0 | 0.1051 | Y |
| 2 | STD2 460-1023441/6 | 4.0 | 0.482931 | 8.0 | 1734012.0 | 0.120733 | Y |
| 3 | STD4 460-1023441/5 | 8.0 | 1.077907 | 8.0 | 1630092.0 | 0.134738 | Y |
| 4 | ICIS 460-1023441/2 | 20.0 | 2.727289 | 8.0 | 1455740.0 | 0.136364 | Y |
| 5 | STD16 460-1023441/4 | 32.0 | 4.415852 | 8.0 | 1545414.0 | 0.137995 | Y |
| 6 | STD24 460-1023441/3 | 48.0 | 7.195729 | 8.0 | 1358687.0 | 0.149911 | Y |



## Calibration / N-Nitrosodiphenylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

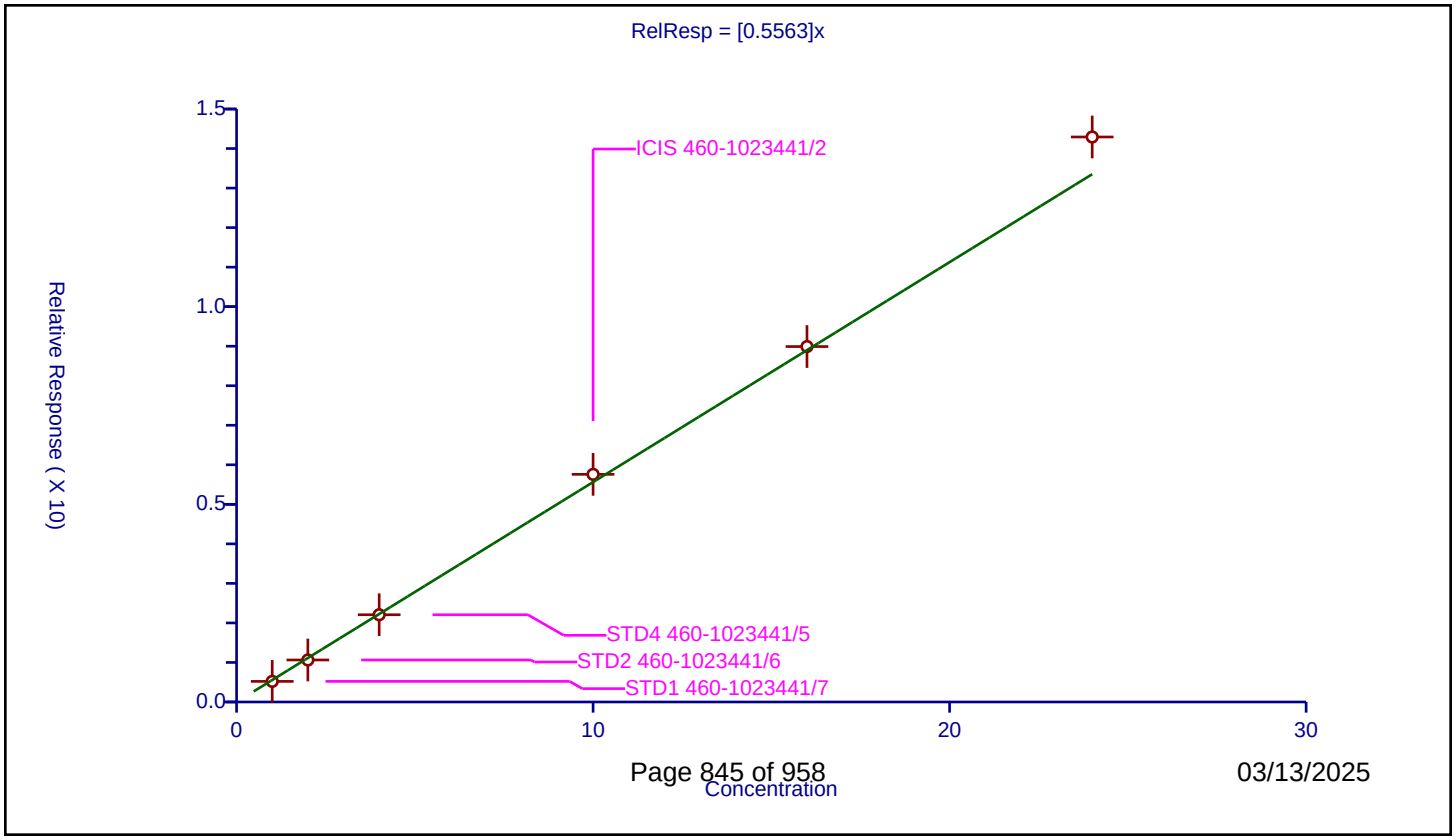
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5563 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.52132 | 8.0 | 1797100.0 | 0.52132 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.062761 | 8.0 | 1734012.0 | 0.53138 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 2.207085 | 8.0 | 1630092.0 | 0.551771 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 5.7581 | 8.0 | 1455740.0 | 0.57581 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 8.991051 | 8.0 | 1545414.0 | 0.561941 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 14.292434 | 8.0 | 1358687.0 | 0.595518 | Y |



## Calibration / 1,2-Diphenylhydrazine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

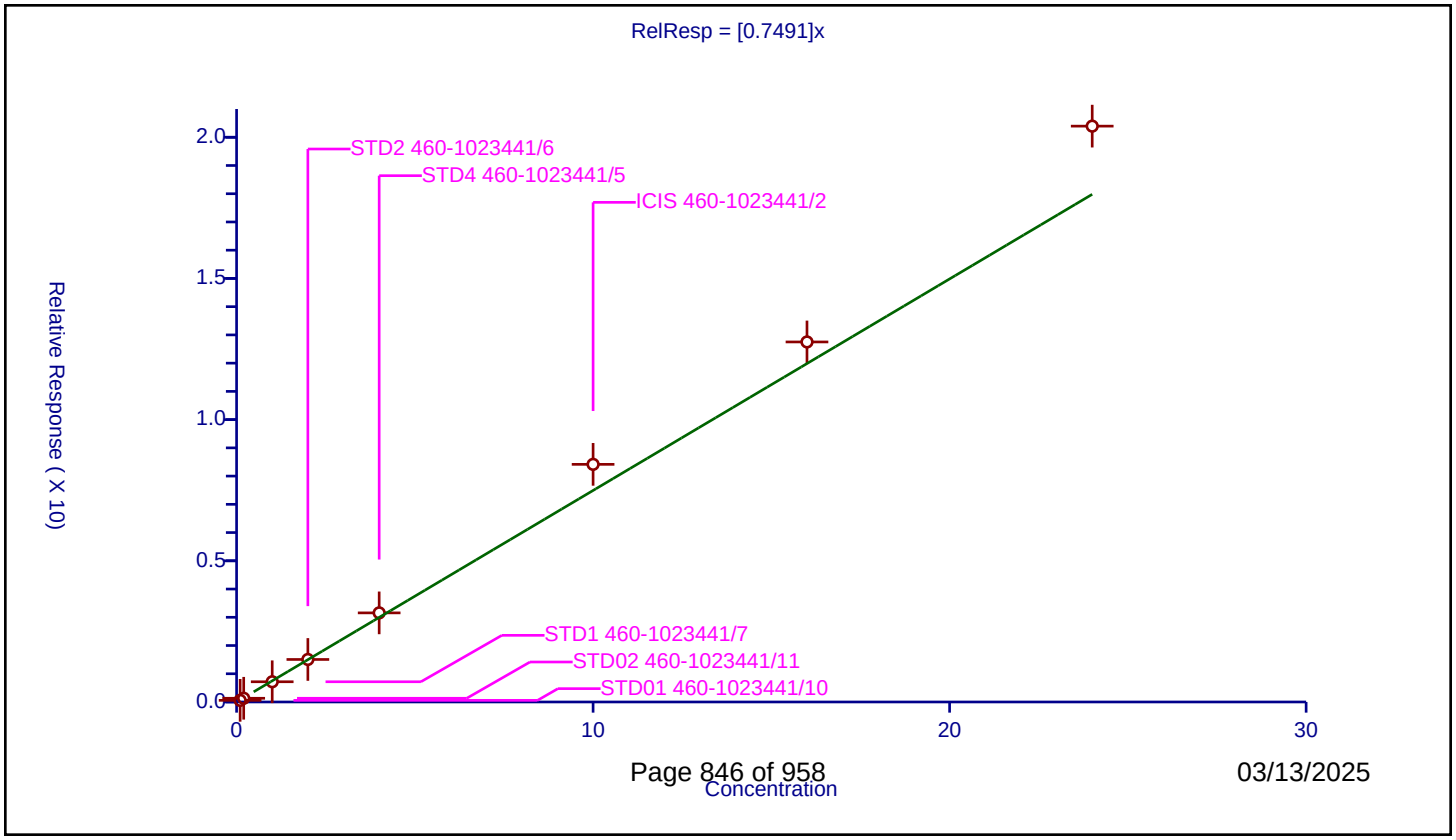
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7491 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.058538 | 8.0 | 1751895.0 | 0.585378 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.132106 | 8.0 | 1720499.0 | 0.660529 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.716577 | 8.0 | 1797100.0 | 0.716577 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 1.506223 | 8.0 | 1734012.0 | 0.753111 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 3.156053 | 8.0 | 1630092.0 | 0.789013 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 8.415701 | 8.0 | 1455740.0 | 0.84157 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 12.750981 | 8.0 | 1545414.0 | 0.796936 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 20.393412 | 8.0 | 1358687.0 | 0.849726 | Y |



## Calibration / Azobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

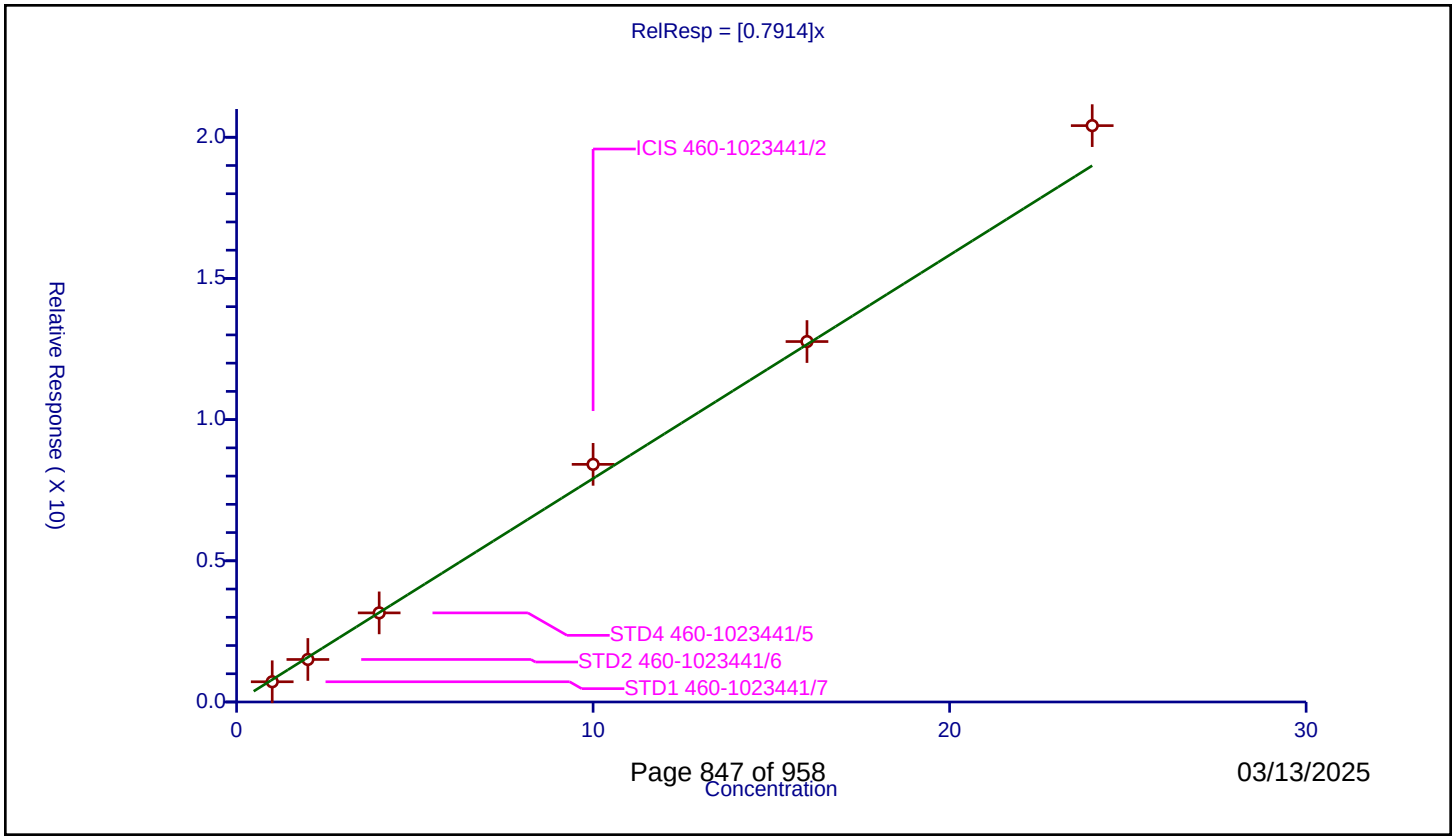
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7914 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.71643 | 8.0 | 1797100.0 | 0.71643 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.506223 | 8.0 | 1734012.0 | 0.753111 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 3.156053 | 8.0 | 1630092.0 | 0.789013 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 8.415959 | 8.0 | 1455740.0 | 0.841596 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 12.764885 | 8.0 | 1545414.0 | 0.797805 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 20.411312 | 8.0 | 1358687.0 | 0.850471 | Y |



## Calibration / 2,4,6-Tribromophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

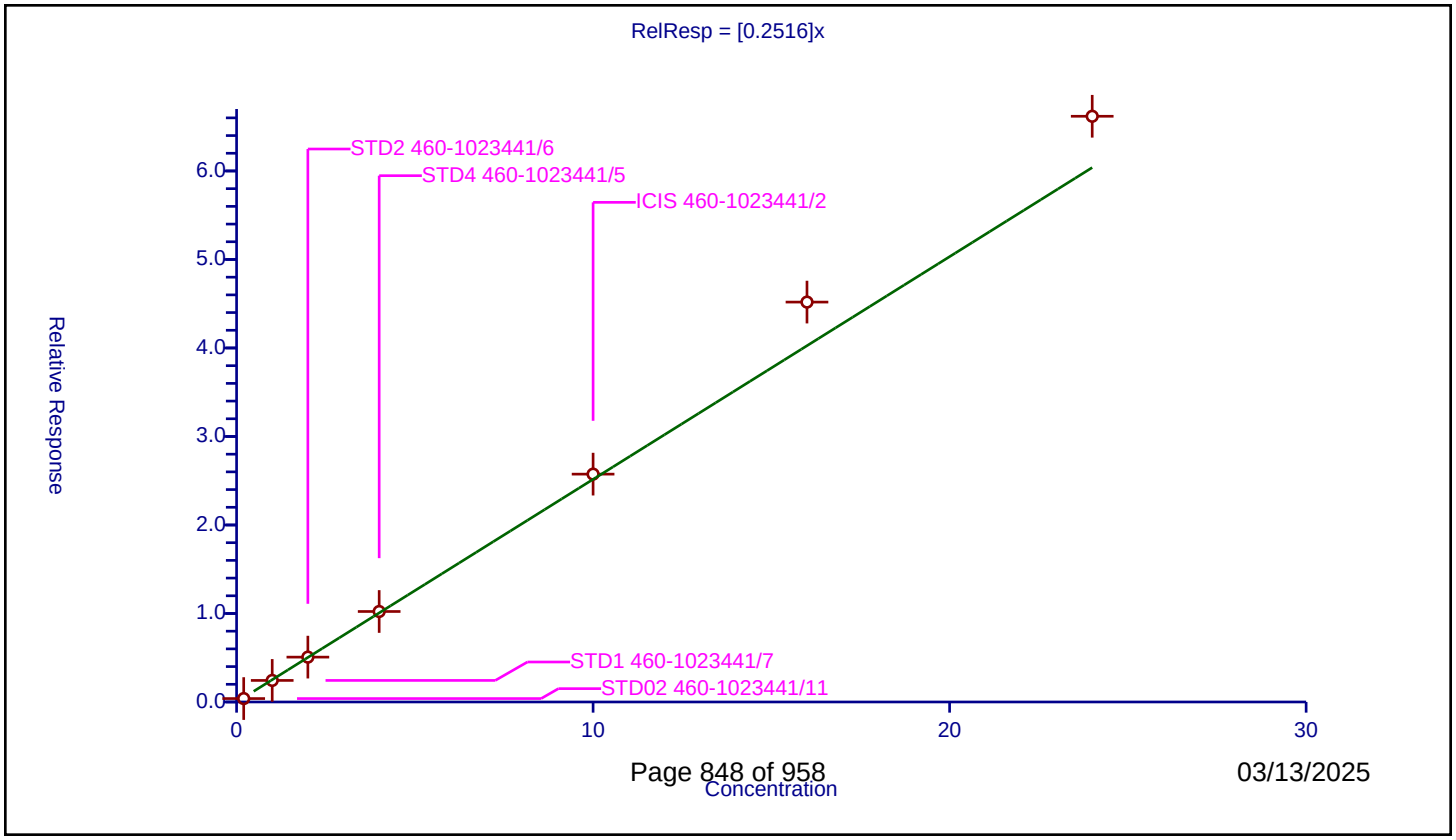
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2516 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.03858 | 8.0 | 976673.0 | 0.1929 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.243591 | 8.0 | 1039579.0 | 0.243591 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 0.506915 | 8.0 | 1008453.0 | 0.253458 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 1.022393 | 8.0 | 958958.0 | 0.255598 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 2.574513 | 8.0 | 903683.0 | 0.257451 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 4.518471 | 8.0 | 964390.0 | 0.282404 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 6.617925 | 8.0 | 882754.0 | 0.275747 | Y |



## Calibration / 4-Bromophenyl phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

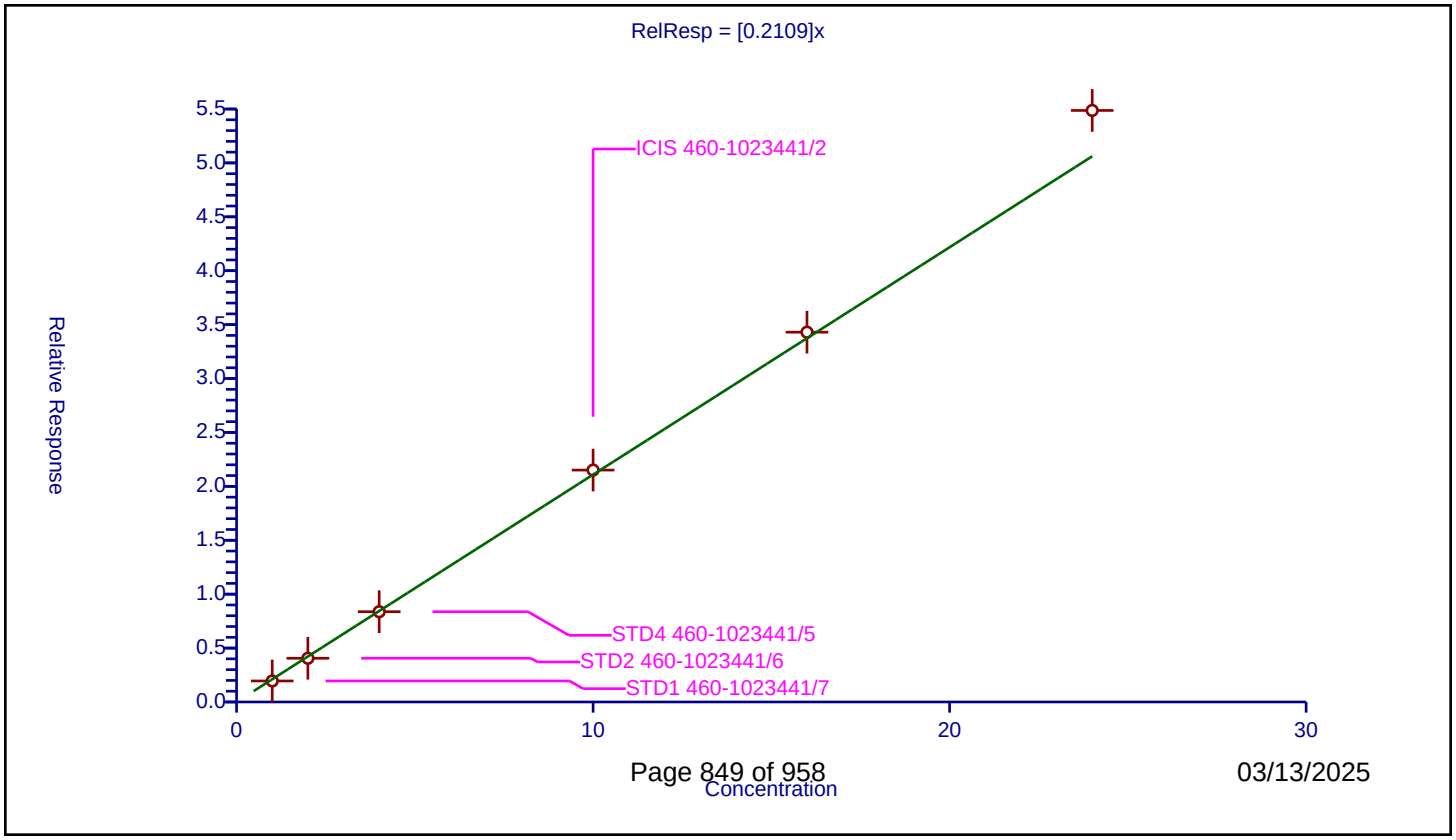
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2109 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.195128 | 8.0 | 1797100.0 | 0.195128 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.405594 | 8.0 | 1734012.0 | 0.202797 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 0.837317 | 8.0 | 1630092.0 | 0.209329 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 2.150895 | 8.0 | 1455740.0 | 0.21509 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 3.430107 | 8.0 | 1545414.0 | 0.214382 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 5.486668 | 8.0 | 1358687.0 | 0.228611 | Y |



## Calibration / Hexachlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

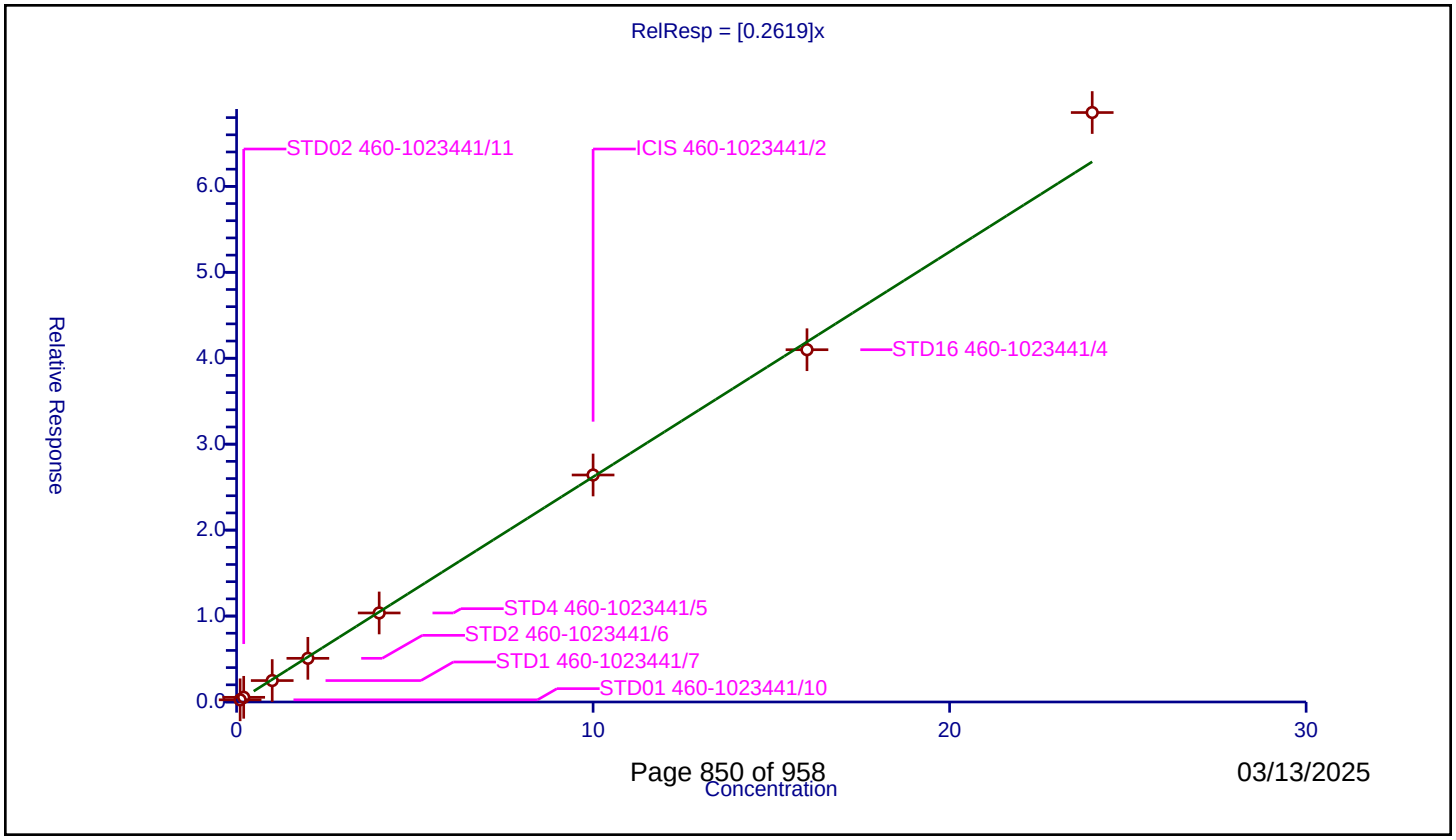
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2619 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.025426 | 8.0 | 1751895.0 | 0.254262 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.0545 | 8.0 | 1720499.0 | 0.272502 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.249366 | 8.0 | 1797100.0 | 0.249366 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 0.50825 | 8.0 | 1734012.0 | 0.254125 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 1.036074 | 8.0 | 1630092.0 | 0.259019 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 2.641384 | 8.0 | 1455740.0 | 0.264138 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 4.099153 | 8.0 | 1545414.0 | 0.256197 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 6.85904 | 8.0 | 1358687.0 | 0.285793 | Y |



## Calibration / Atrazine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

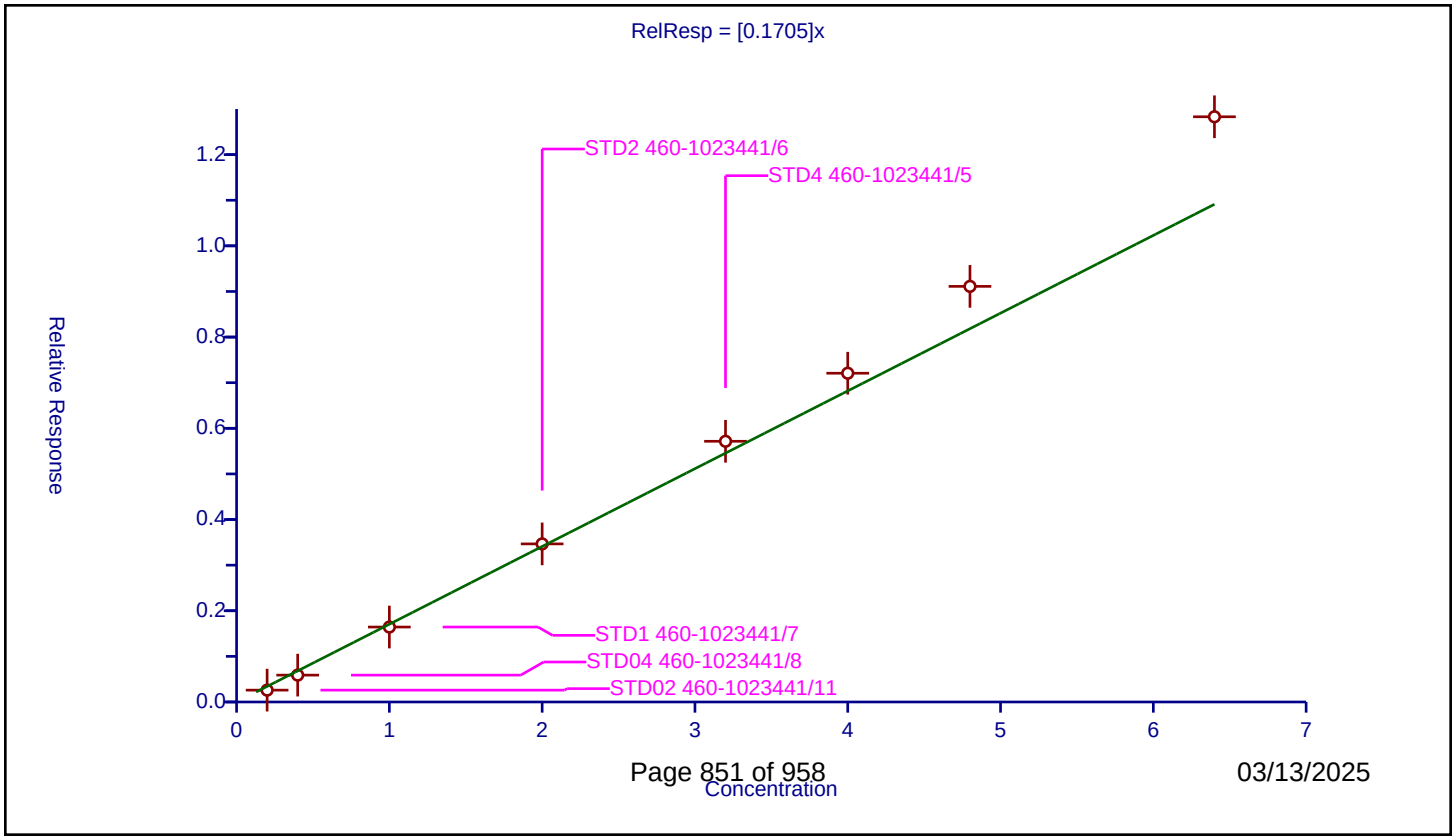
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1705 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.025997 | 8.0 | 1720499.0 | 0.129986 | Y |
| 2 | STD04 460-1023441/8 | 0.4 | 0.05888 | 8.0 | 1820095.0 | 0.147201 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.164287 | 8.0 | 1797100.0 | 0.164287 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 0.346618 | 8.0 | 1734012.0 | 0.173309 | Y |
| 5 | STD4 460-1023441/5 | 3.2 | 0.571565 | 8.0 | 1630092.0 | 0.178614 | Y |
| 6 | ICIS 460-1023441/2 | 4.0 | 0.720777 | 8.0 | 1455740.0 | 0.180194 | Y |
| 7 | STD16 460-1023441/4 | 4.8 | 0.911166 | 8.0 | 1545414.0 | 0.189826 | Y |
| 8 | STD24 460-1023441/3 | 6.4 | 1.282992 | 8.0 | 1358687.0 | 0.200467 | Y |



## Calibration / Pentachlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

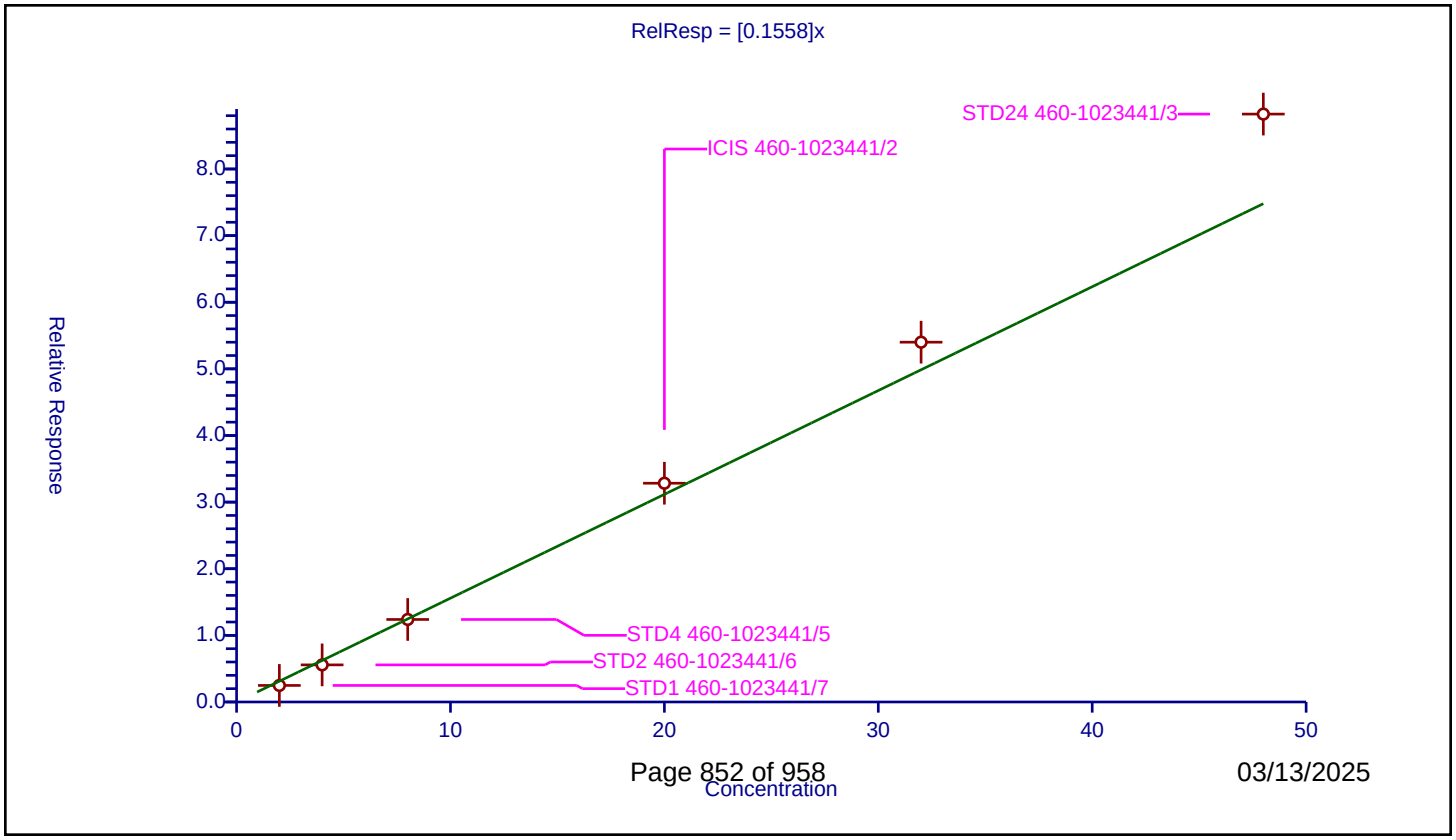
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1558 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 2.0 | 0.248227 | 8.0 | 1797100.0 | 0.124113 | Y |
| 2 | STD2 460-1023441/6 | 4.0 | 0.556757 | 8.0 | 1734012.0 | 0.139189 | Y |
| 3 | STD4 460-1023441/5 | 8.0 | 1.23861 | 8.0 | 1630092.0 | 0.154826 | Y |
| 4 | ICIS 460-1023441/2 | 20.0 | 3.28335 | 8.0 | 1455740.0 | 0.164168 | Y |
| 5 | STD16 460-1023441/4 | 32.0 | 5.400422 | 8.0 | 1545414.0 | 0.168763 | Y |
| 6 | STD24 460-1023441/3 | 48.0 | 8.823872 | 8.0 | 1358687.0 | 0.183831 | Y |



## Calibration / Pentachloronitrobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

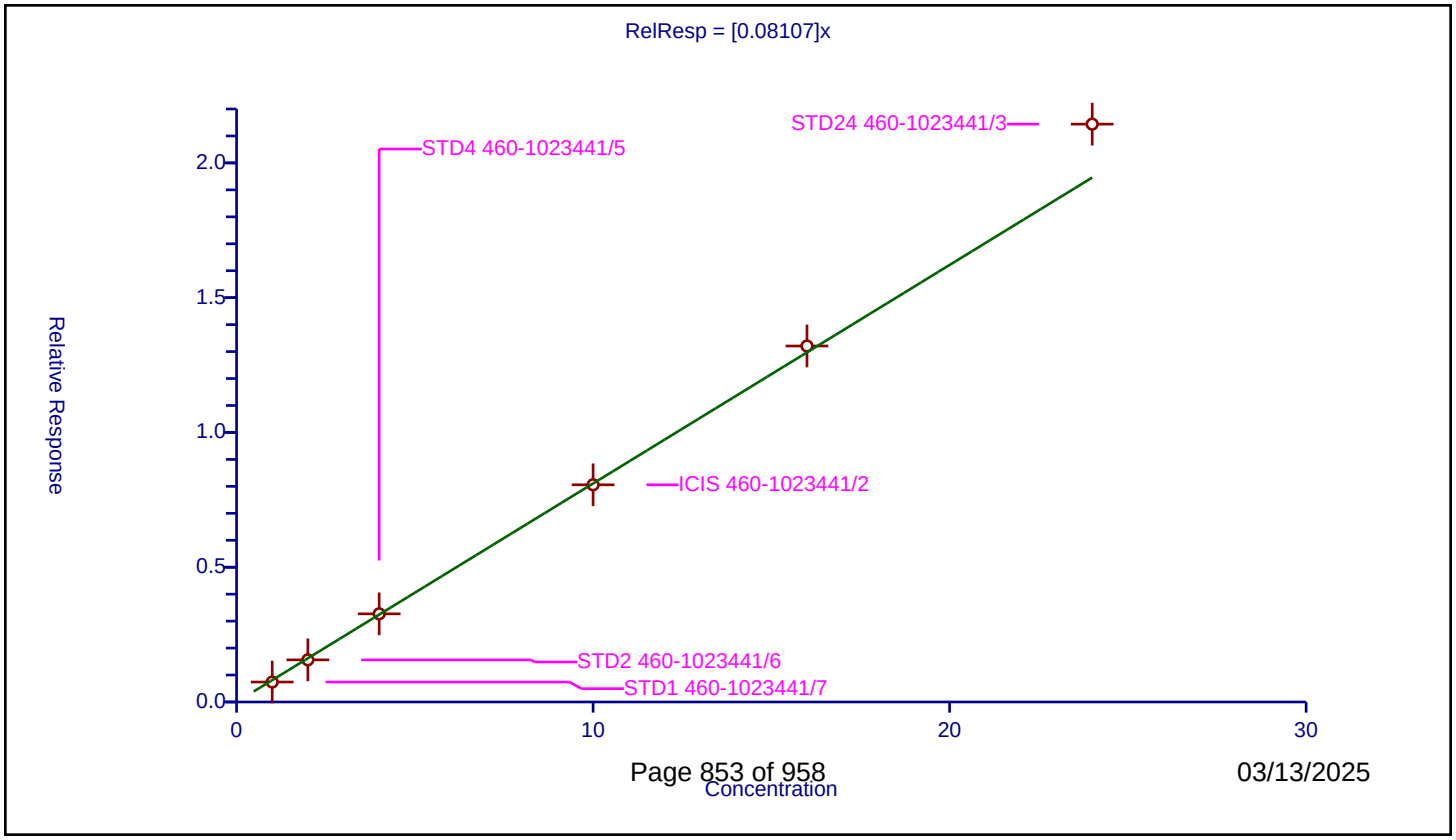
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08107 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.074075 | 8.0 | 1797100.0 | 0.074075 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.156276 | 8.0 | 1734012.0 | 0.078138 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 0.327044 | 8.0 | 1630092.0 | 0.081761 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 0.805781 | 8.0 | 1455740.0 | 0.080578 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 1.320723 | 8.0 | 1545414.0 | 0.082545 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 2.143929 | 8.0 | 1358687.0 | 0.08933 | Y |



## Calibration / Phenanthrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

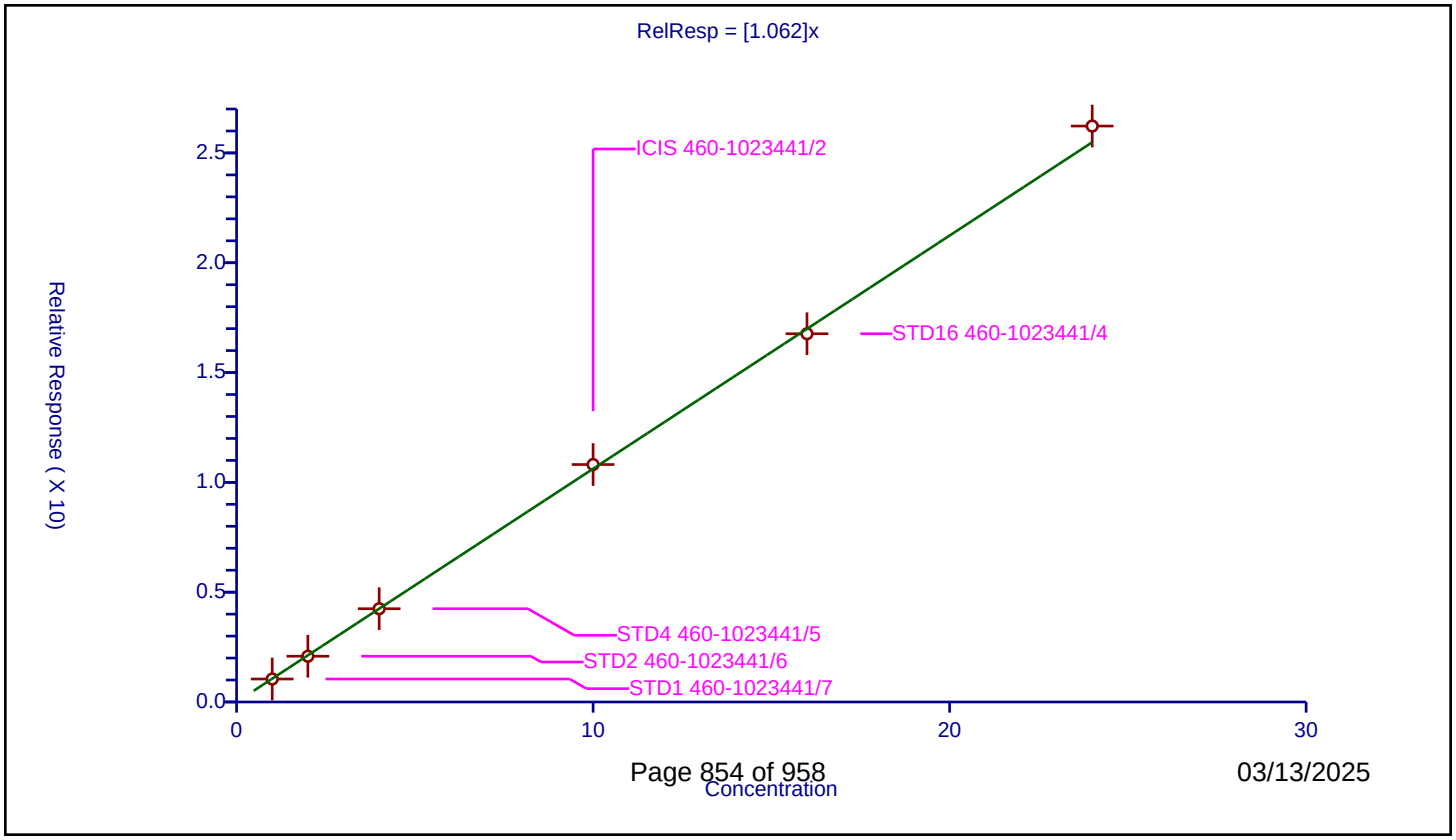
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.062 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 1.046143 | 8.0 | 1797100.0 | 1.046143 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.083017 | 8.0 | 1734012.0 | 1.041508 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 4.246955 | 8.0 | 1630092.0 | 1.061739 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 10.811535 | 8.0 | 1455740.0 | 1.081154 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 16.768146 | 8.0 | 1545414.0 | 1.048009 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 26.224442 | 8.0 | 1358687.0 | 1.092685 | Y |



## Calibration / Anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

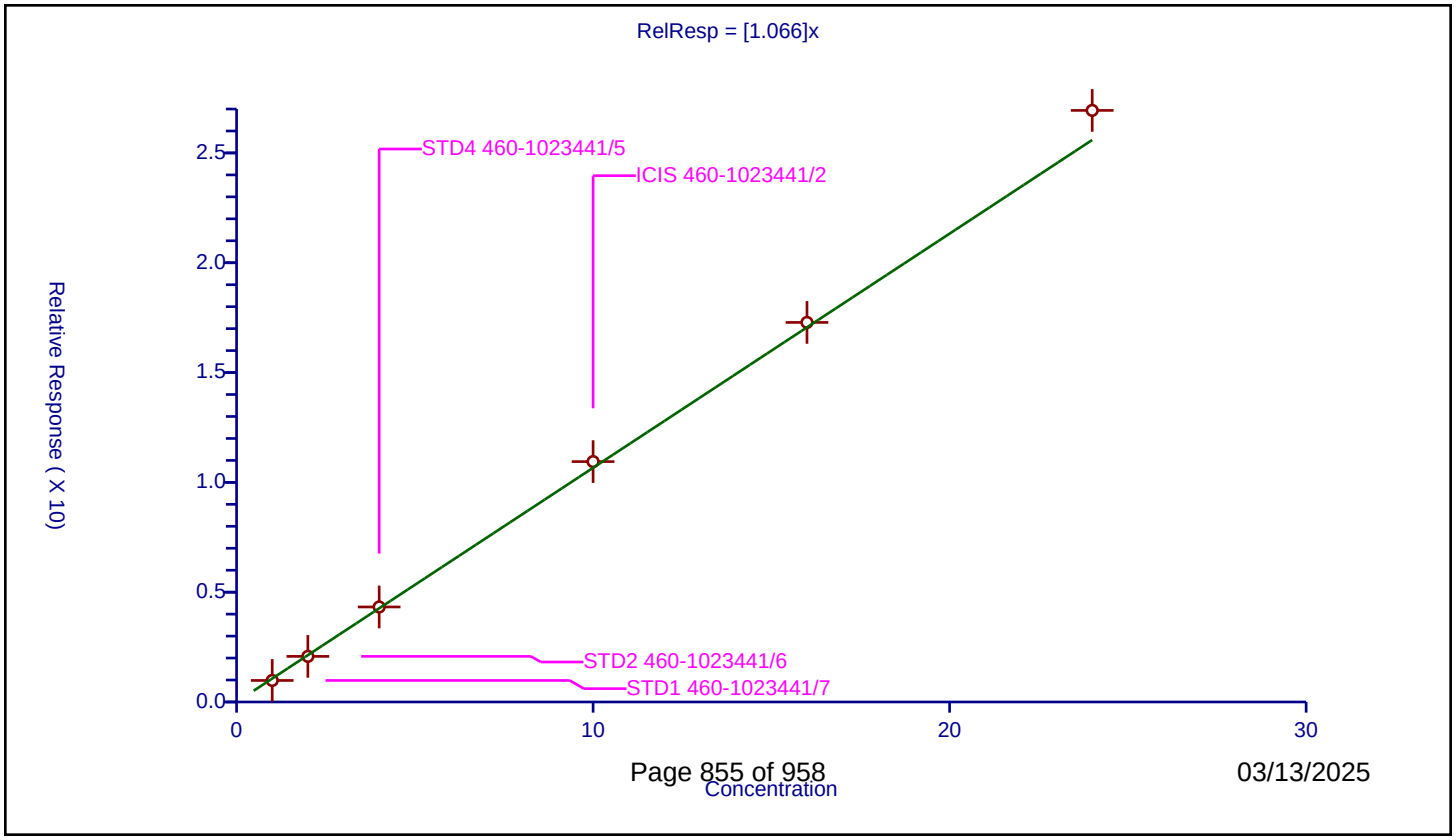
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.066 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.980201 | 8.0 | 1797100.0 | 0.980201 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.077517 | 8.0 | 1734012.0 | 1.038759 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 4.326274 | 8.0 | 1630092.0 | 1.081568 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 10.945762 | 8.0 | 1455740.0 | 1.094576 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 17.282194 | 8.0 | 1545414.0 | 1.080137 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 26.936665 | 8.0 | 1358687.0 | 1.122361 | Y |



## Calibration / Carbazole

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

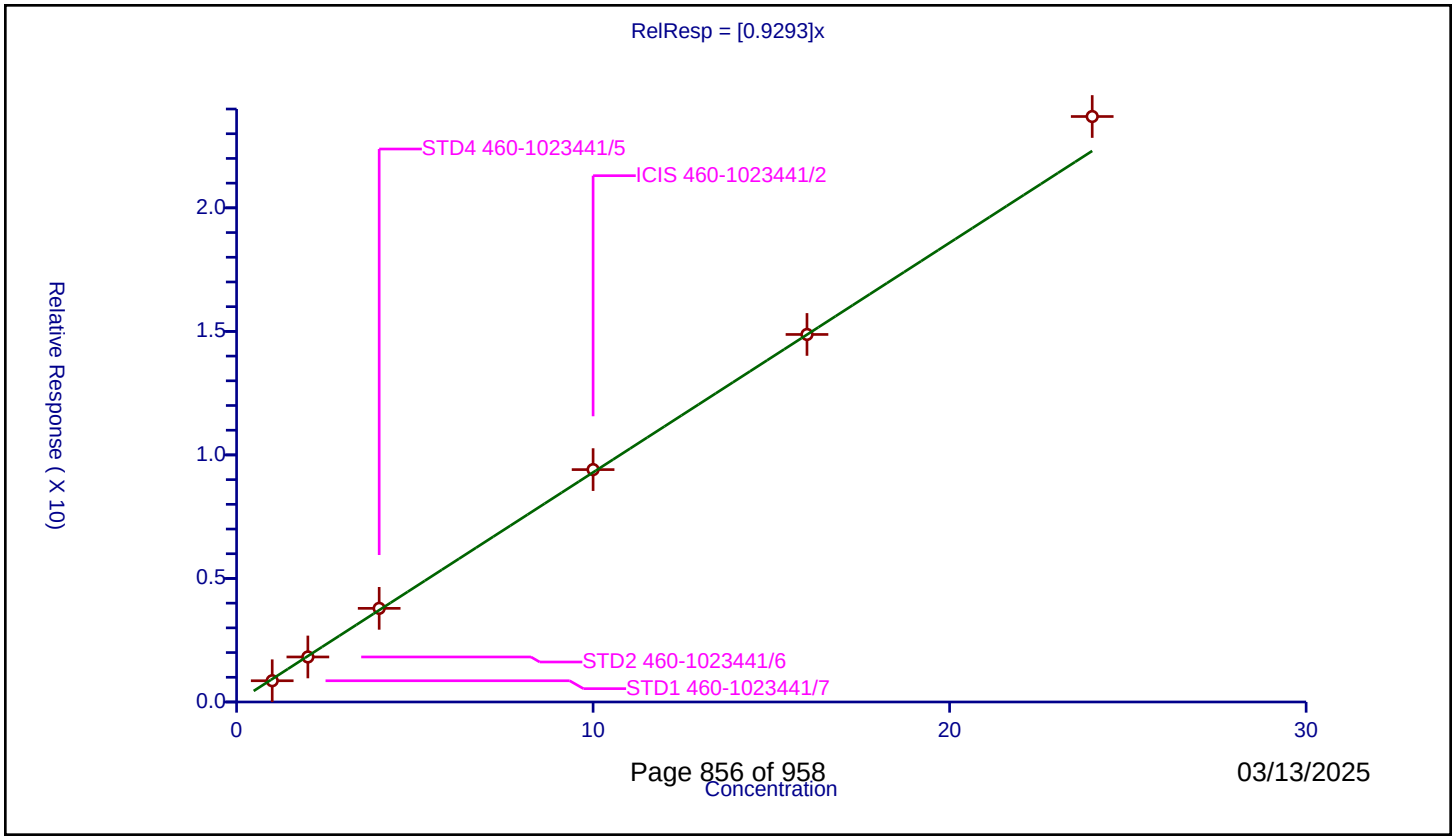
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9293 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.859625 | 8.0 | 1797100.0 | 0.859625 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.82199 | 8.0 | 1734012.0 | 0.910995 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 3.7905 | 8.0 | 1630092.0 | 0.947625 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 9.405377 | 8.0 | 1455740.0 | 0.940538 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 14.87575 | 8.0 | 1545414.0 | 0.929734 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 23.696595 | 8.0 | 1358687.0 | 0.987358 | Y |



## Calibration / Di-n-butyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

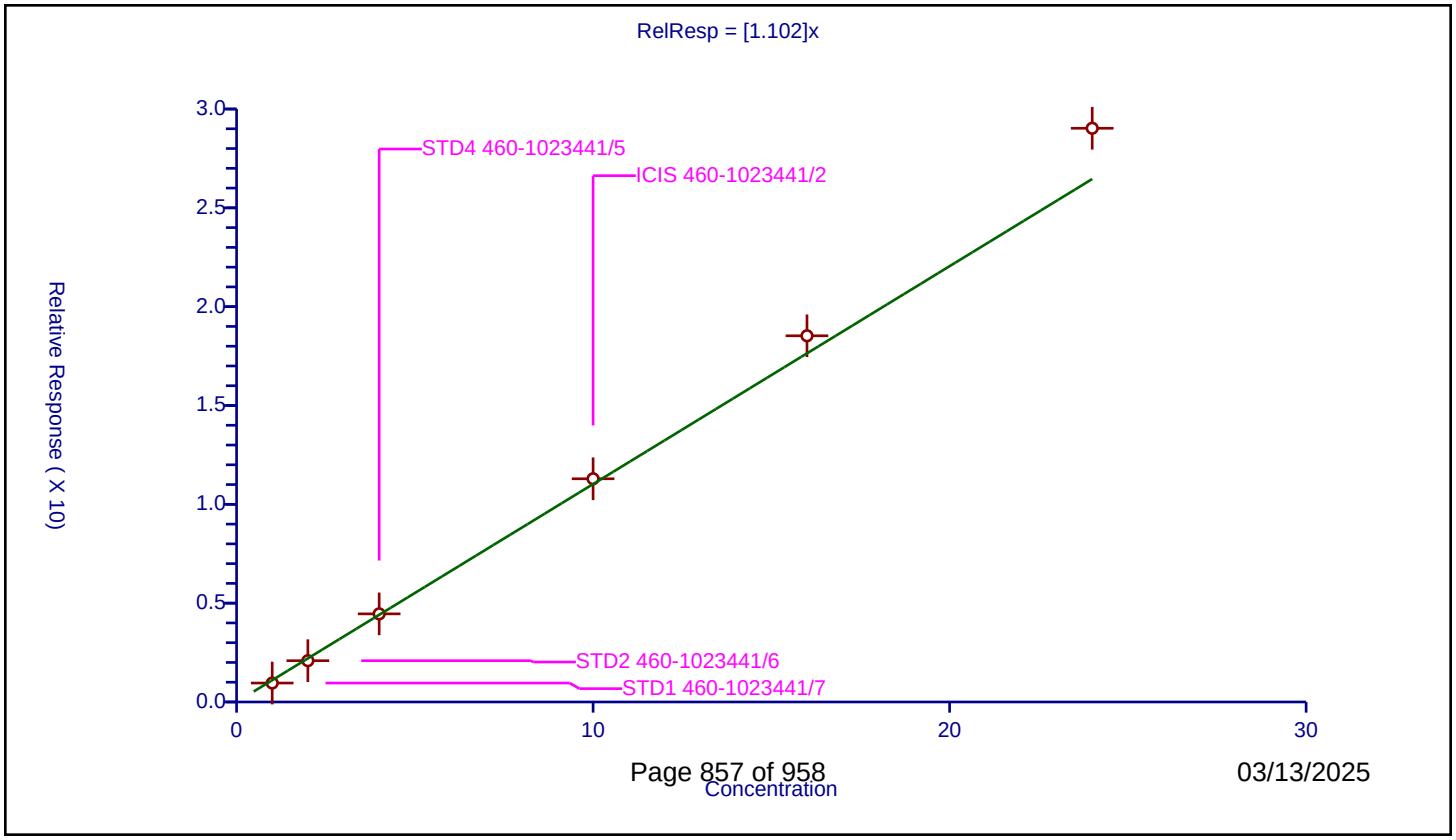
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.102 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.958624 | 8.0 | 1797100.0 | 0.958624 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.089107 | 8.0 | 1734012.0 | 1.044553 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 4.458786 | 8.0 | 1630092.0 | 1.114697 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 11.292577 | 8.0 | 1455740.0 | 1.129258 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 18.526986 | 8.0 | 1545414.0 | 1.157937 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 29.02584 | 8.0 | 1358687.0 | 1.20941 | Y |



## Calibration / Fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

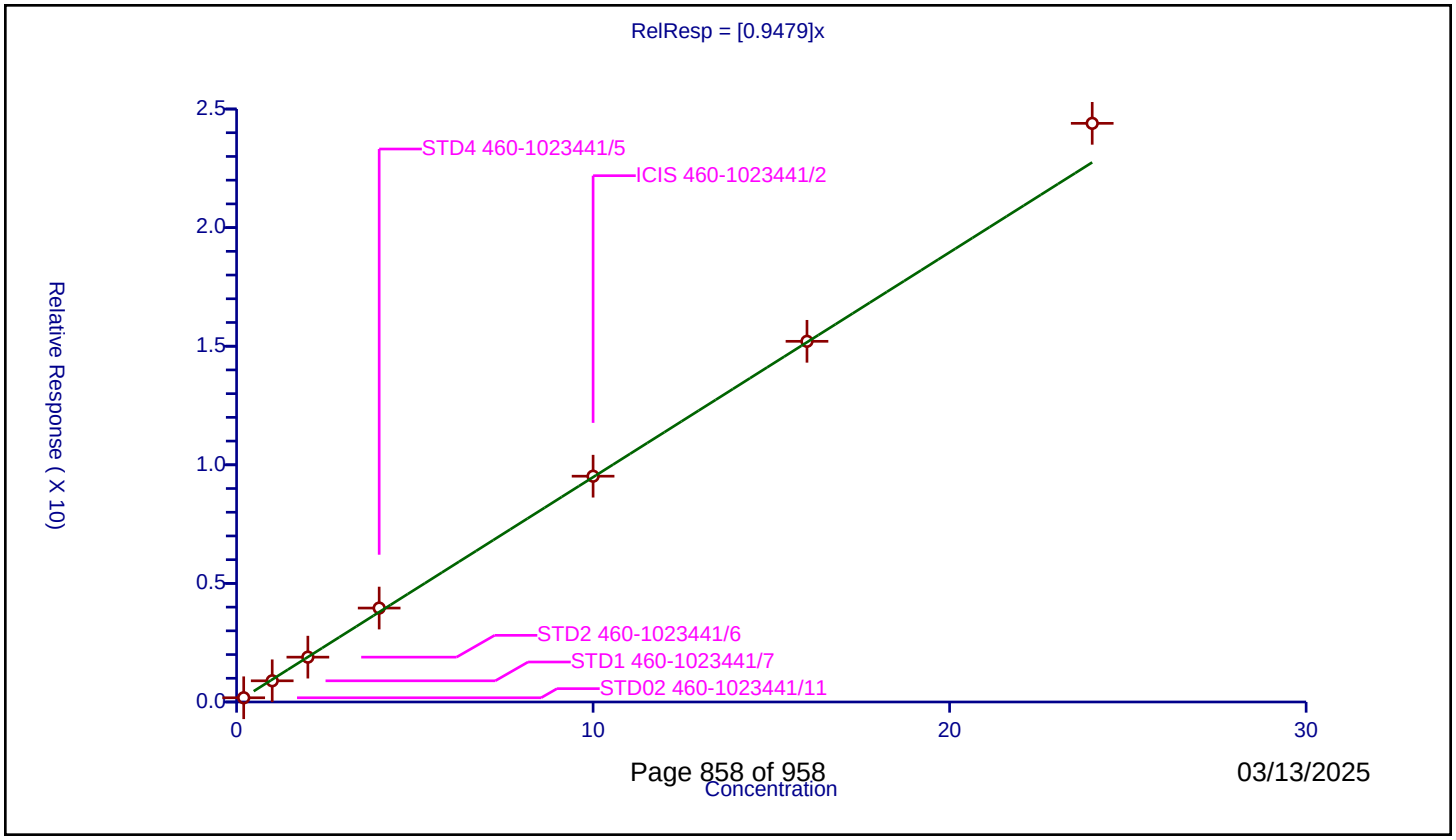
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9479 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.177646 | 8.0 | 1720499.0 | 0.888231 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.893221 | 8.0 | 1797100.0 | 0.893221 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 1.890524 | 8.0 | 1734012.0 | 0.945262 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 3.959953 | 8.0 | 1630092.0 | 0.989988 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 9.519354 | 8.0 | 1455740.0 | 0.951935 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 15.206369 | 8.0 | 1545414.0 | 0.950398 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 24.396018 | 8.0 | 1358687.0 | 1.016501 | Y |



## Calibration / Benzidine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

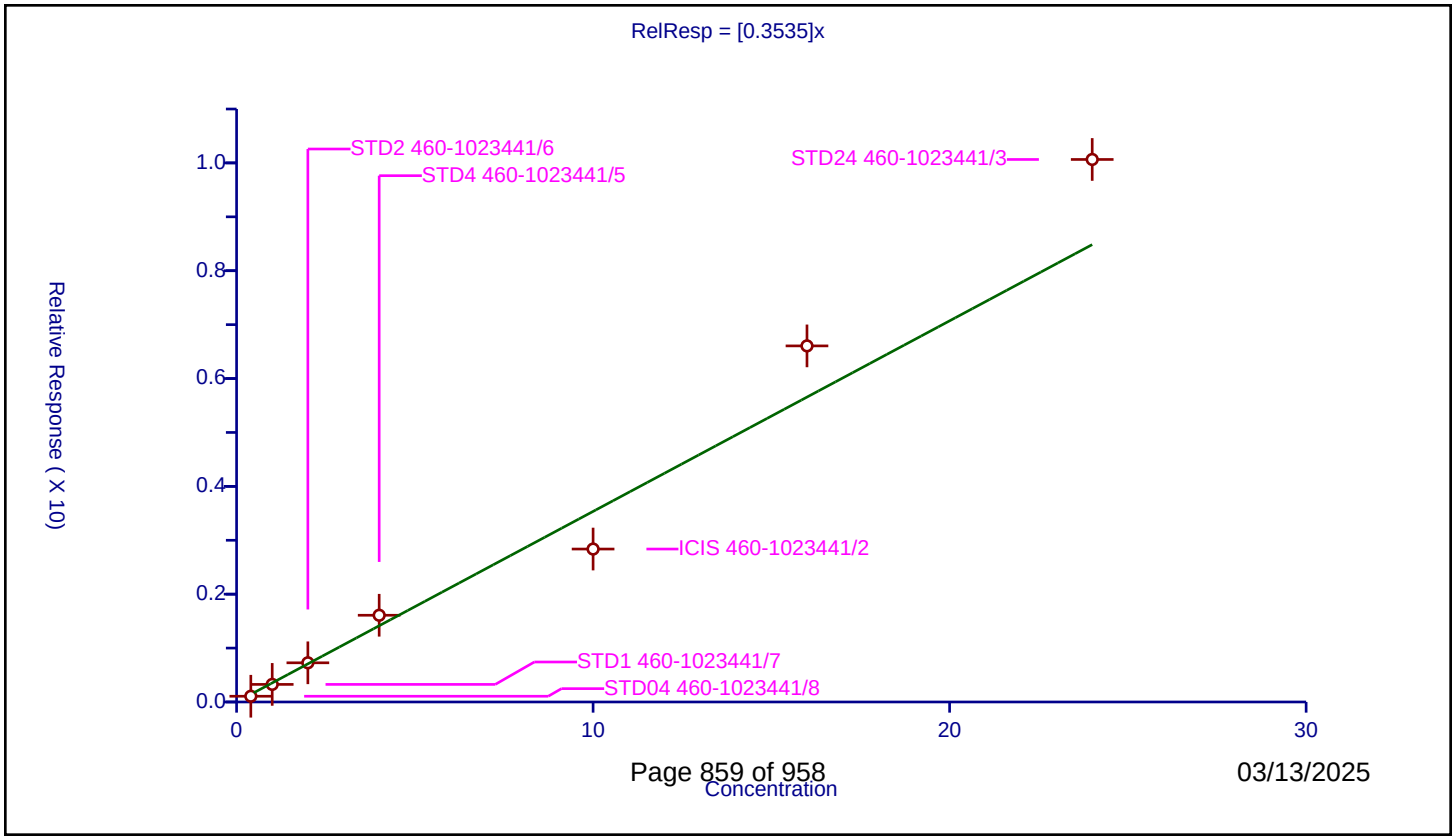
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3535 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD04 460-1023441/8 | 0.4 | 0.106654 | 8.0 | 1820095.0 | 0.266634 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.326321 | 8.0 | 1797100.0 | 0.326321 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 0.727045 | 8.0 | 1734012.0 | 0.363522 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 1.609018 | 8.0 | 1630092.0 | 0.402255 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 2.837149 | 8.0 | 1455740.0 | 0.283715 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 6.605583 | 8.0 | 1545414.0 | 0.412849 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 10.064052 | 8.0 | 1358687.0 | 0.419335 | Y |



## Calibration / Pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

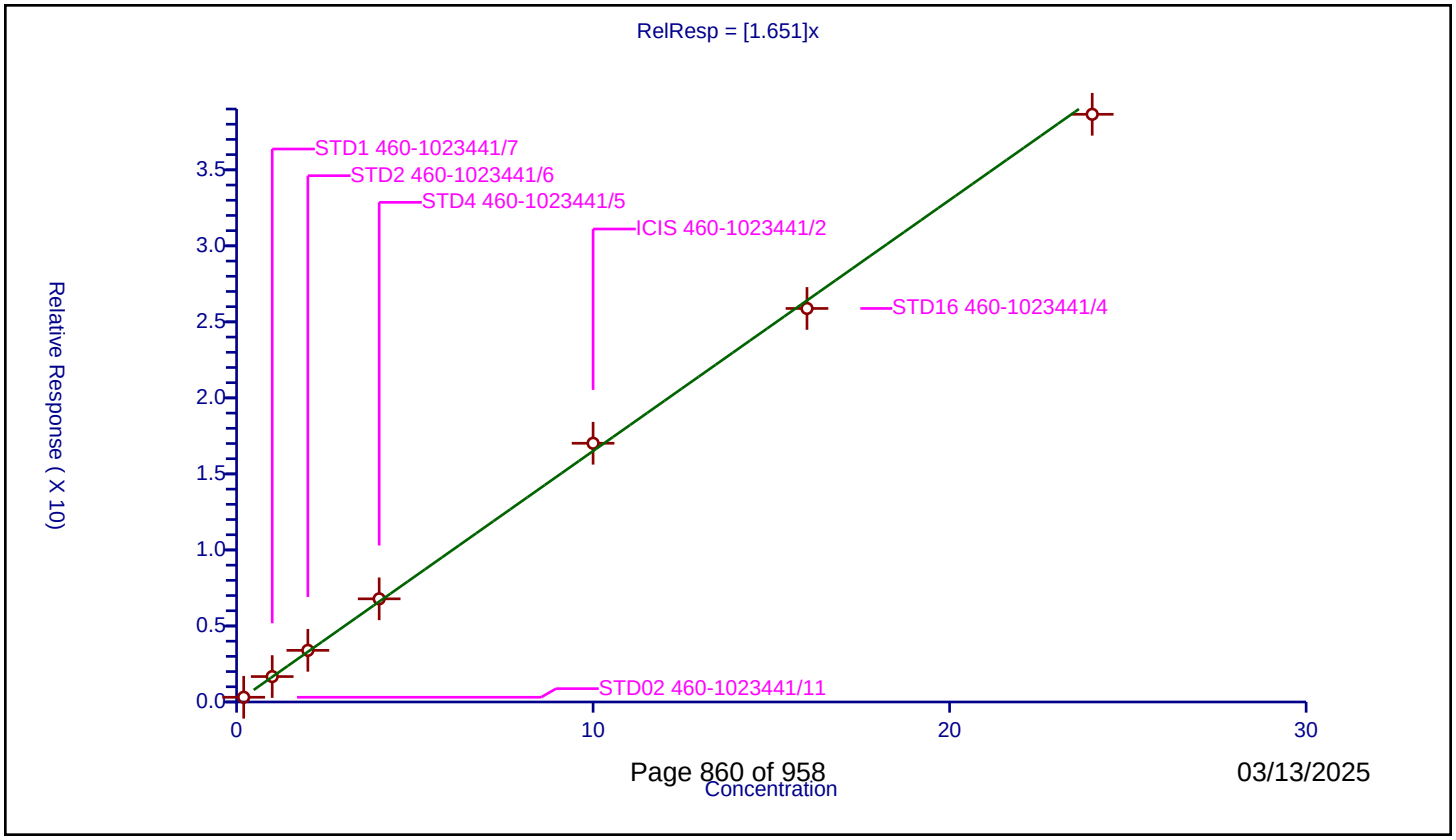
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.651 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.31158 | 8.0 | 979935.0 | 1.557899 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 1.672074 | 8.0 | 1012874.0 | 1.672074 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 3.396626 | 8.0 | 992830.0 | 1.698313 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 6.784195 | 8.0 | 950383.0 | 1.696049 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 17.016568 | 8.0 | 834014.0 | 1.701657 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 25.882055 | 8.0 | 921308.0 | 1.617628 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 38.652906 | 8.0 | 861974.0 | 1.610538 | Y |



## Calibration / Bisphenol-A

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

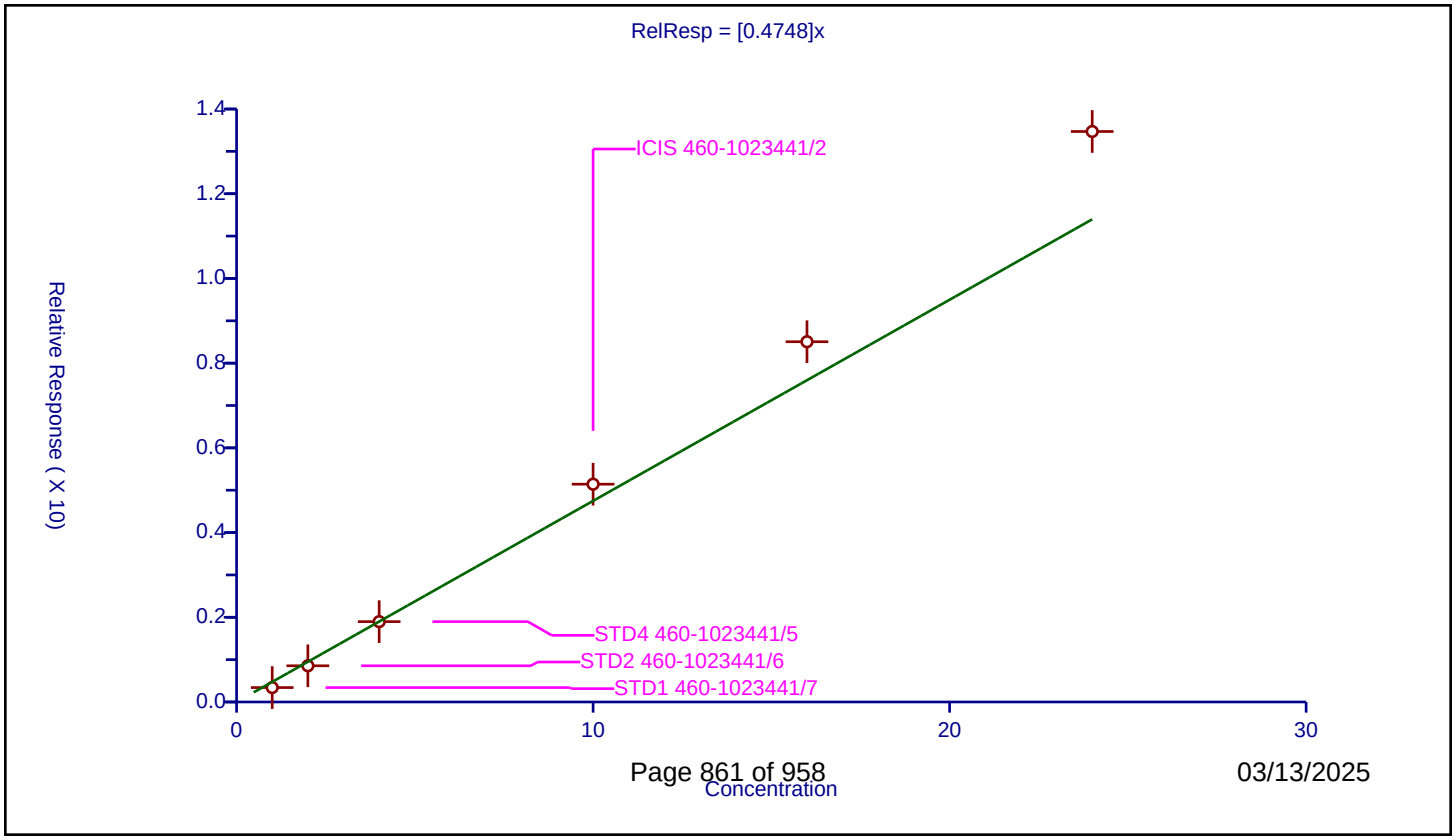
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4748 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.340236 | 8.0 | 1012874.0 | 0.340236 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.854559 | 8.0 | 992830.0 | 0.42728 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.896877 | 8.0 | 950383.0 | 0.474219 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 5.142456 | 8.0 | 834014.0 | 0.514246 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 8.505646 | 8.0 | 921308.0 | 0.531603 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 13.469037 | 8.0 | 861974.0 | 0.56121 | Y |



## Calibration / Terphenyl-d14

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

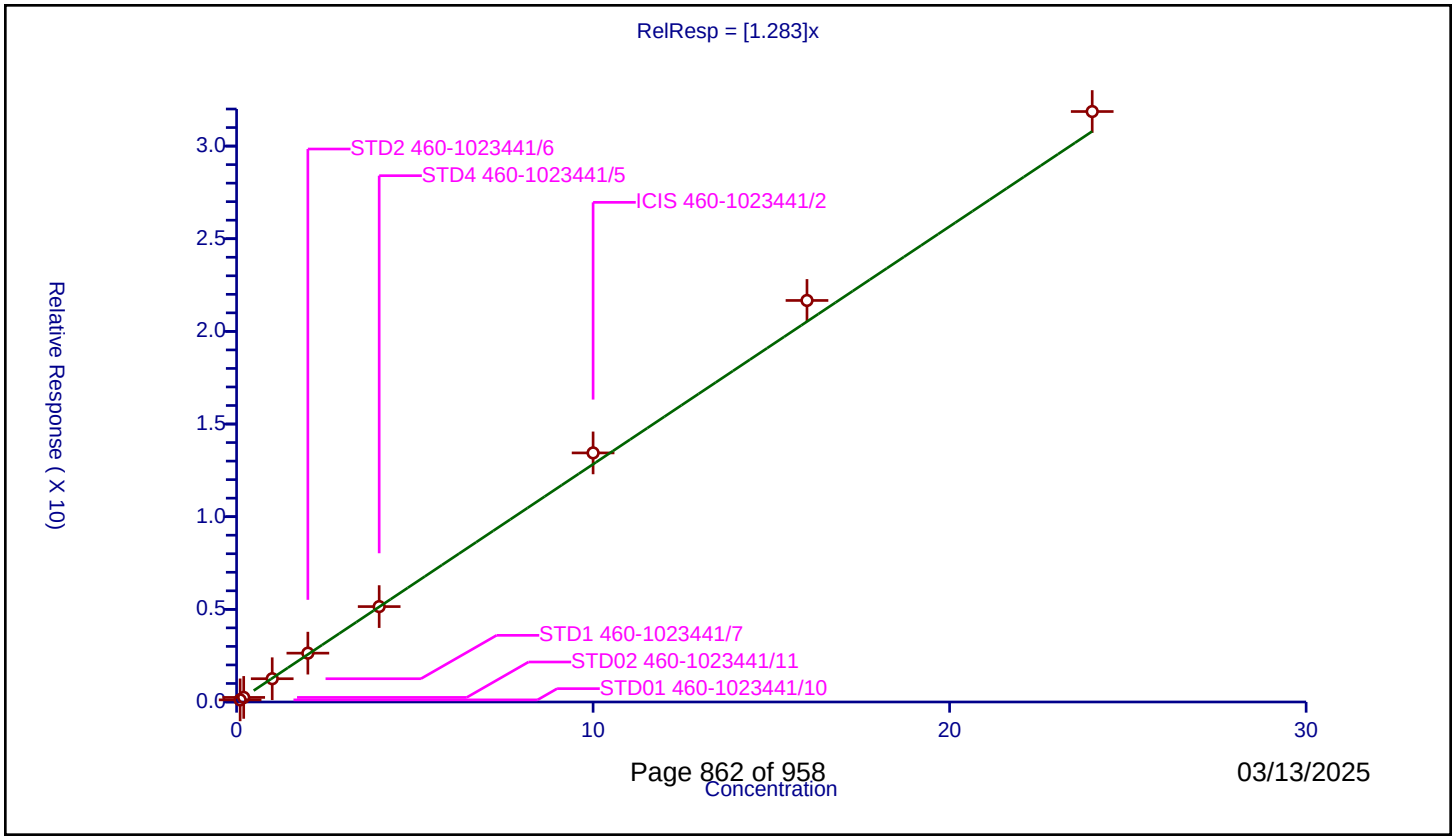
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.283 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.114332 | 8.0 | 1004094.0 | 1.143319 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.247102 | 8.0 | 979935.0 | 1.235511 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.255272 | 8.0 | 1012874.0 | 1.255272 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.63519 | 8.0 | 992830.0 | 1.317595 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 5.148821 | 8.0 | 950383.0 | 1.287205 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 13.44222 | 8.0 | 834014.0 | 1.344222 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 21.668584 | 8.0 | 921308.0 | 1.354287 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 31.865017 | 8.0 | 861974.0 | 1.327709 | Y |



## Calibration / Butyl benzyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

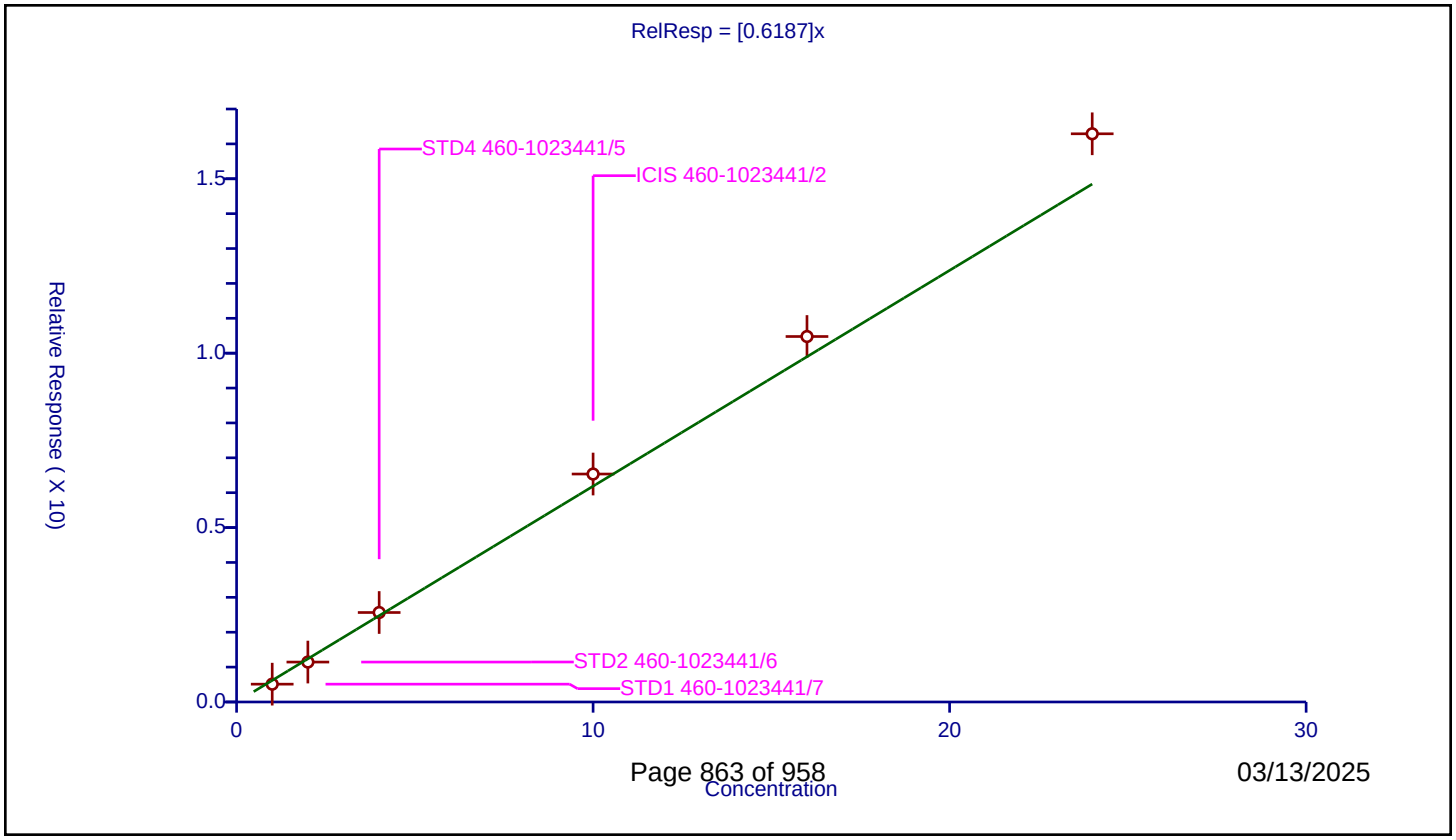
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6187 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.511313 | 8.0 | 1012874.0 | 0.511313 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 1.144623 | 8.0 | 992830.0 | 0.572311 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 2.564987 | 8.0 | 950383.0 | 0.641247 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 6.535276 | 8.0 | 834014.0 | 0.653528 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 10.478311 | 8.0 | 921308.0 | 0.654894 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 16.290115 | 8.0 | 861974.0 | 0.678755 | Y |



## Calibration / 2,3,7,8-TCDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

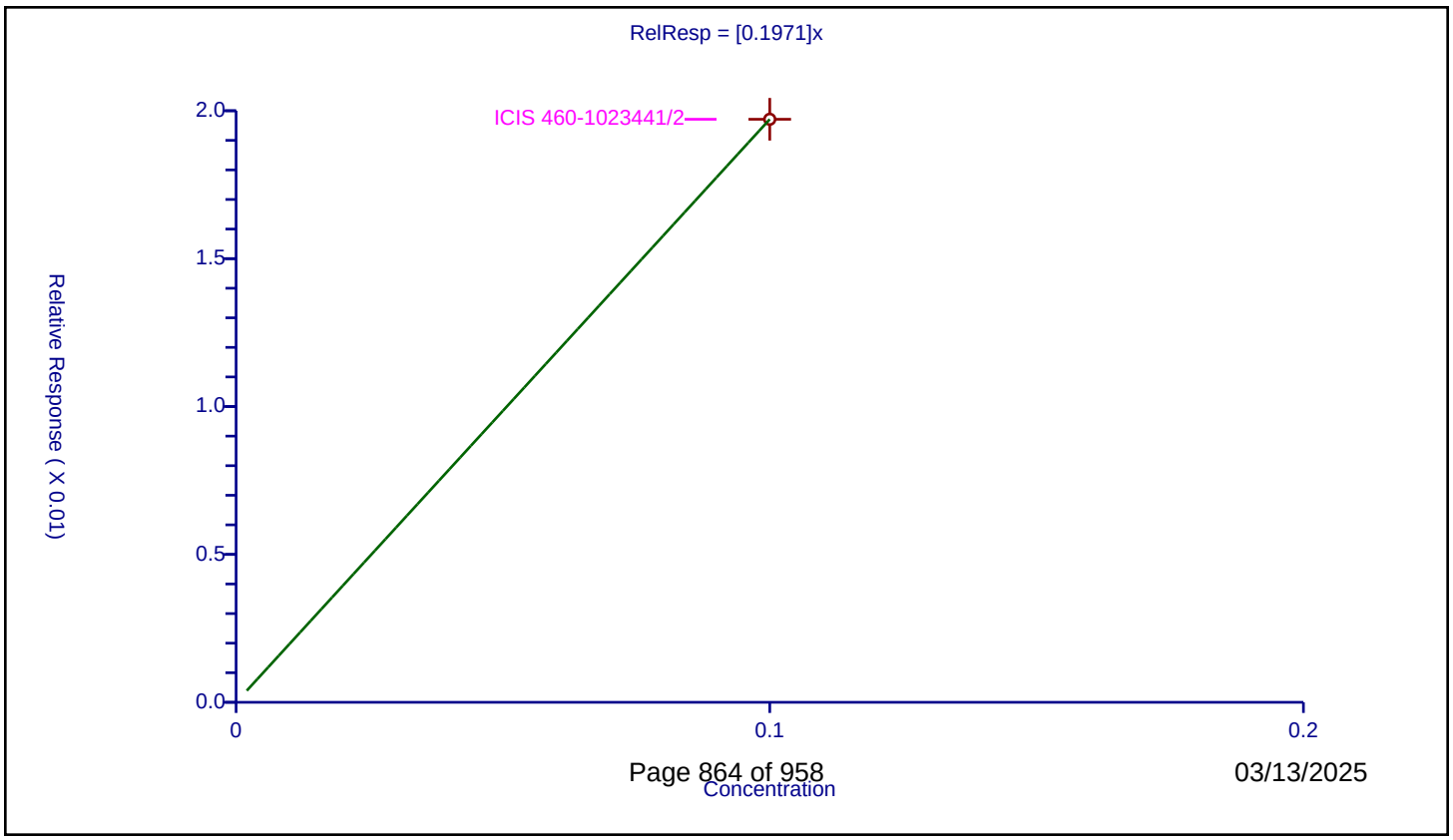
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1971 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1023441/2 | 0.1 | 0.019712 | 8.0 | 834014.0 | 0.197119 | Y |



## Calibration / Carbamazepine

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

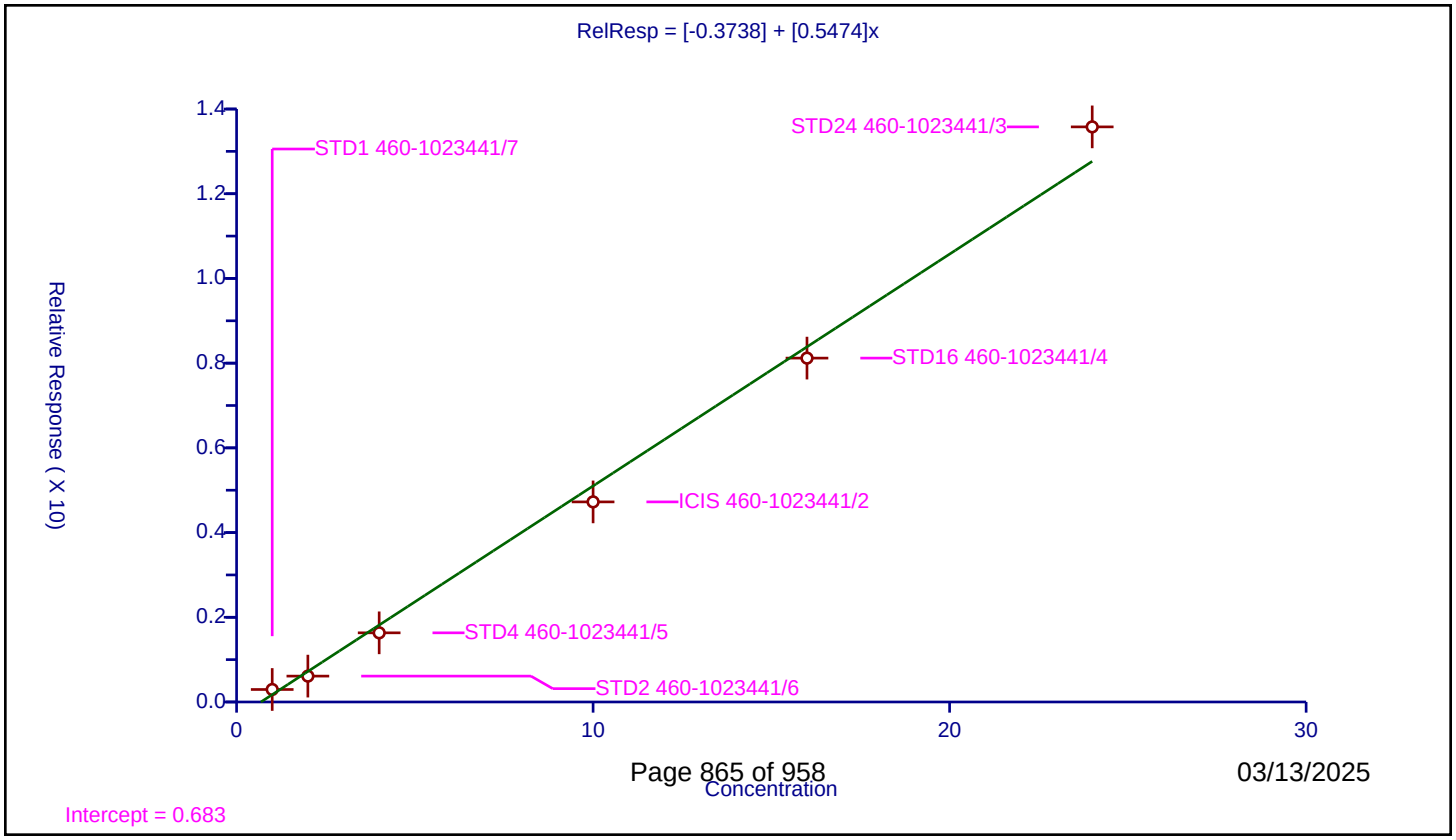
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.3738 |
| **Slope:** | 0.5474 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.294734 | 8.0 | 1012874.0 | 0.294734 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 0.610812 | 8.0 | 992830.0 | 0.305406 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 1.632891 | 8.0 | 950383.0 | 0.408223 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 4.724477 | 8.0 | 834014.0 | 0.472448 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 8.119092 | 8.0 | 921308.0 | 0.507443 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 13.577922 | 8.0 | 861974.0 | 0.565747 | Y |



## Calibration / 3,3'-Dichlorobenzidine

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

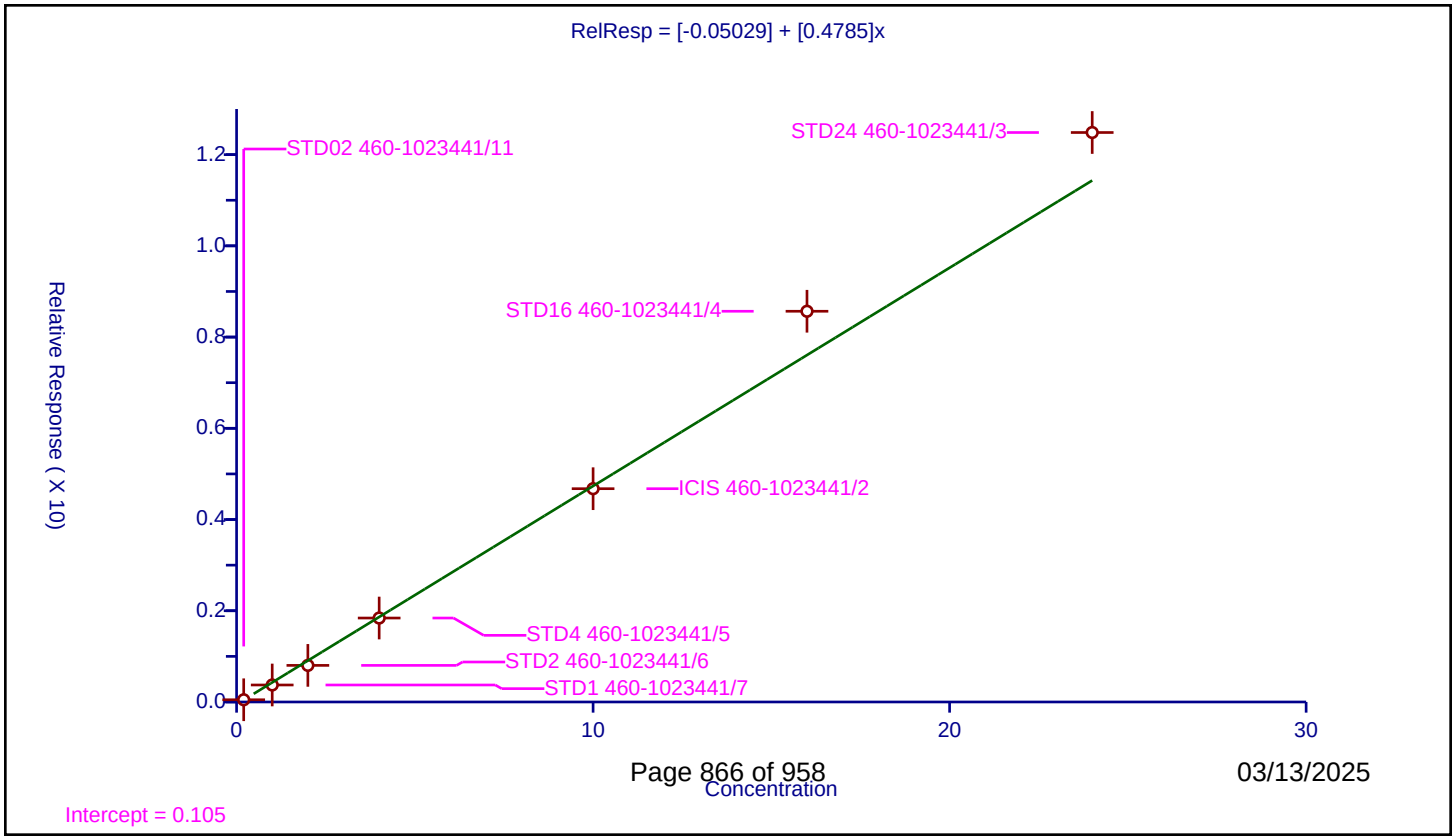
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.05029 |
| **Slope:** | 0.4785 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.048542 | 8.0 | 979935.0 | 0.24271 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.372421 | 8.0 | 1012874.0 | 0.372421 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 0.802425 | 8.0 | 992830.0 | 0.401213 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 1.840656 | 8.0 | 950383.0 | 0.460164 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 4.676075 | 8.0 | 834014.0 | 0.467607 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 8.565961 | 8.0 | 921308.0 | 0.535373 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 12.484803 | 8.0 | 861974.0 | 0.5202 | Y |






03/13/2025

## Calibration / Benzo[a]anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

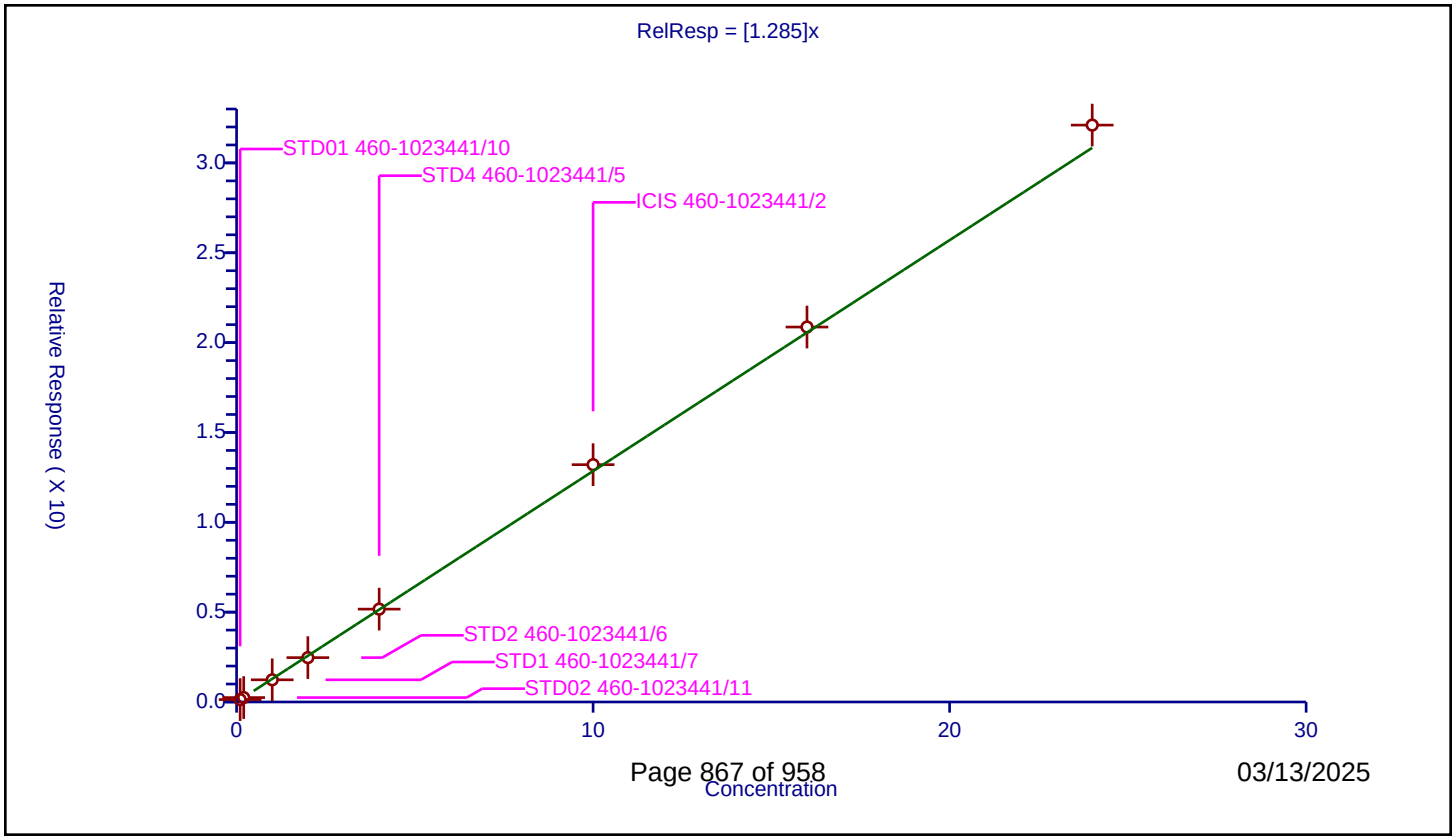
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.285 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.133103 | 8.0 | 1004094.0 | 1.331031 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.245322 | 8.0 | 979935.0 | 1.226612 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.233275 | 8.0 | 1012874.0 | 1.233275 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.469184 | 8.0 | 992830.0 | 1.234592 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 5.16787 | 8.0 | 950383.0 | 1.291968 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 13.207308 | 8.0 | 834014.0 | 1.320731 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 20.866429 | 8.0 | 921308.0 | 1.304152 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 32.104597 | 8.0 | 861974.0 | 1.337692 | Y |



## Calibration / Chrysene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

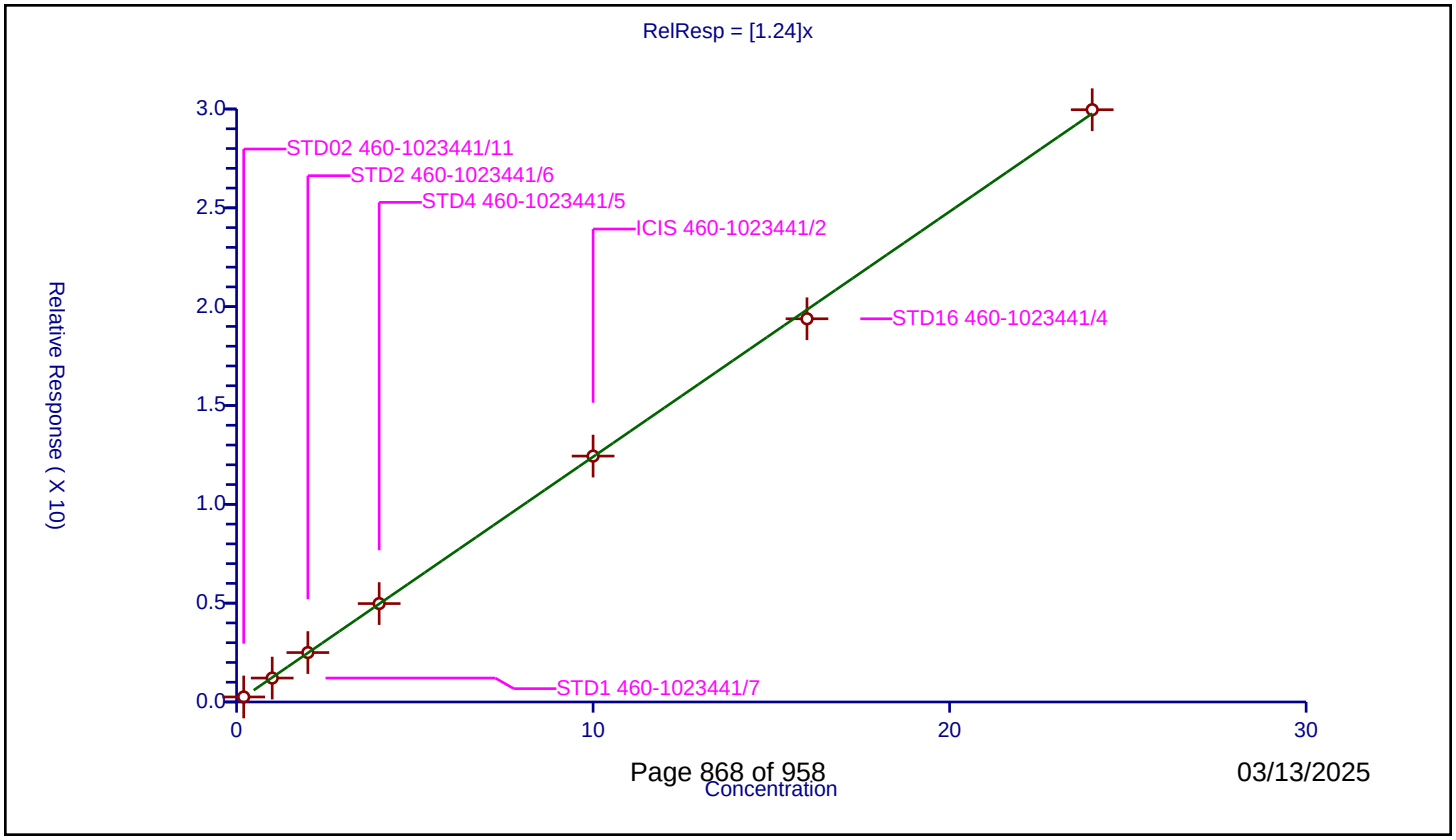
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.24 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.254654 | 8.0 | 979935.0 | 1.273268 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 1.210559 | 8.0 | 1012874.0 | 1.210559 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 2.500964 | 8.0 | 992830.0 | 1.250482 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 4.979121 | 8.0 | 950383.0 | 1.24478 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 12.44053 | 8.0 | 834014.0 | 1.244053 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 19.38761 | 8.0 | 921308.0 | 1.211726 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 29.965127 | 8.0 | 861974.0 | 1.248547 | Y |



## Calibration / Bis(2-ethylhexyl) phthalate

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

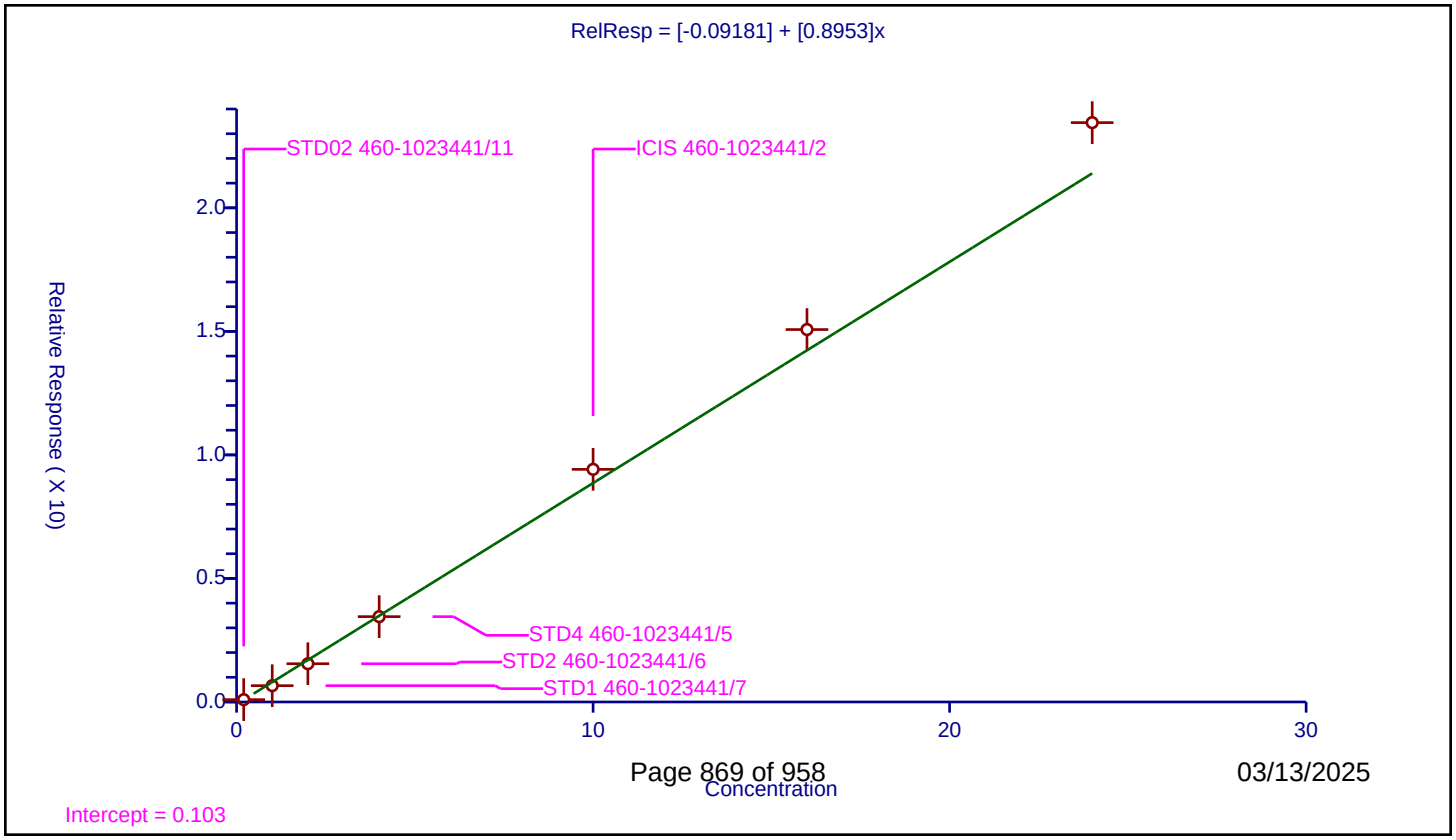
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.09181 |
| **Slope:** | 0.8953 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1023441/11 | 0.2 | 0.094096 | 8.0 | 979935.0 | 0.47048 | Y |
| 2 | STD1 460-1023441/7 | 1.0 | 0.659778 | 8.0 | 1012874.0 | 0.659778 | Y |
| 3 | STD2 460-1023441/6 | 2.0 | 1.547906 | 8.0 | 992830.0 | 0.773953 | Y |
| 4 | STD4 460-1023441/5 | 4.0 | 3.45438 | 8.0 | 950383.0 | 0.863595 | Y |
| 5 | ICIS 460-1023441/2 | 10.0 | 9.415698 | 8.0 | 834014.0 | 0.94157 | Y |
| 6 | STD16 460-1023441/4 | 16.0 | 15.074351 | 8.0 | 921308.0 | 0.942147 | Y |
| 7 | STD24 460-1023441/3 | 24.0 | 23.449208 | 8.0 | 861974.0 | 0.97705 | Y |



## Calibration / Di-n-octyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

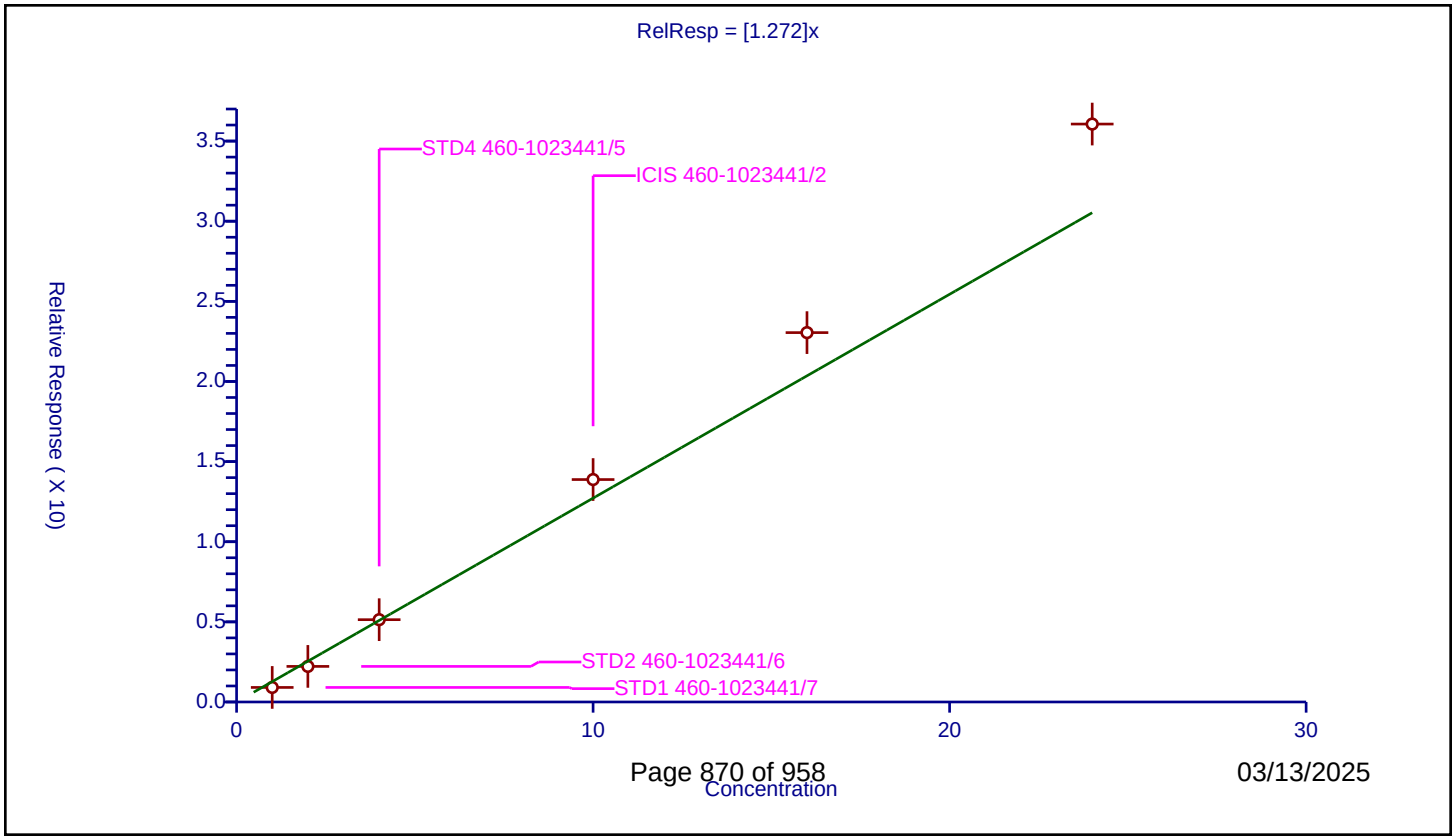
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.272 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1023441/7 | 1.0 | 0.907428 | 8.0 | 969430.0 | 0.907428 | Y |
| 2 | STD2 460-1023441/6 | 2.0 | 2.219721 | 8.0 | 958989.0 | 1.10986 | Y |
| 3 | STD4 460-1023441/5 | 4.0 | 5.134889 | 8.0 | 935369.0 | 1.283722 | Y |
| 4 | ICIS 460-1023441/2 | 10.0 | 13.879375 | 8.0 | 891605.0 | 1.387937 | Y |
| 5 | STD16 460-1023441/4 | 16.0 | 23.048431 | 8.0 | 984479.0 | 1.440527 | Y |
| 6 | STD24 460-1023441/3 | 24.0 | 36.061421 | 8.0 | 951730.0 | 1.502559 | Y |



## Calibration / Benzo[b]fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

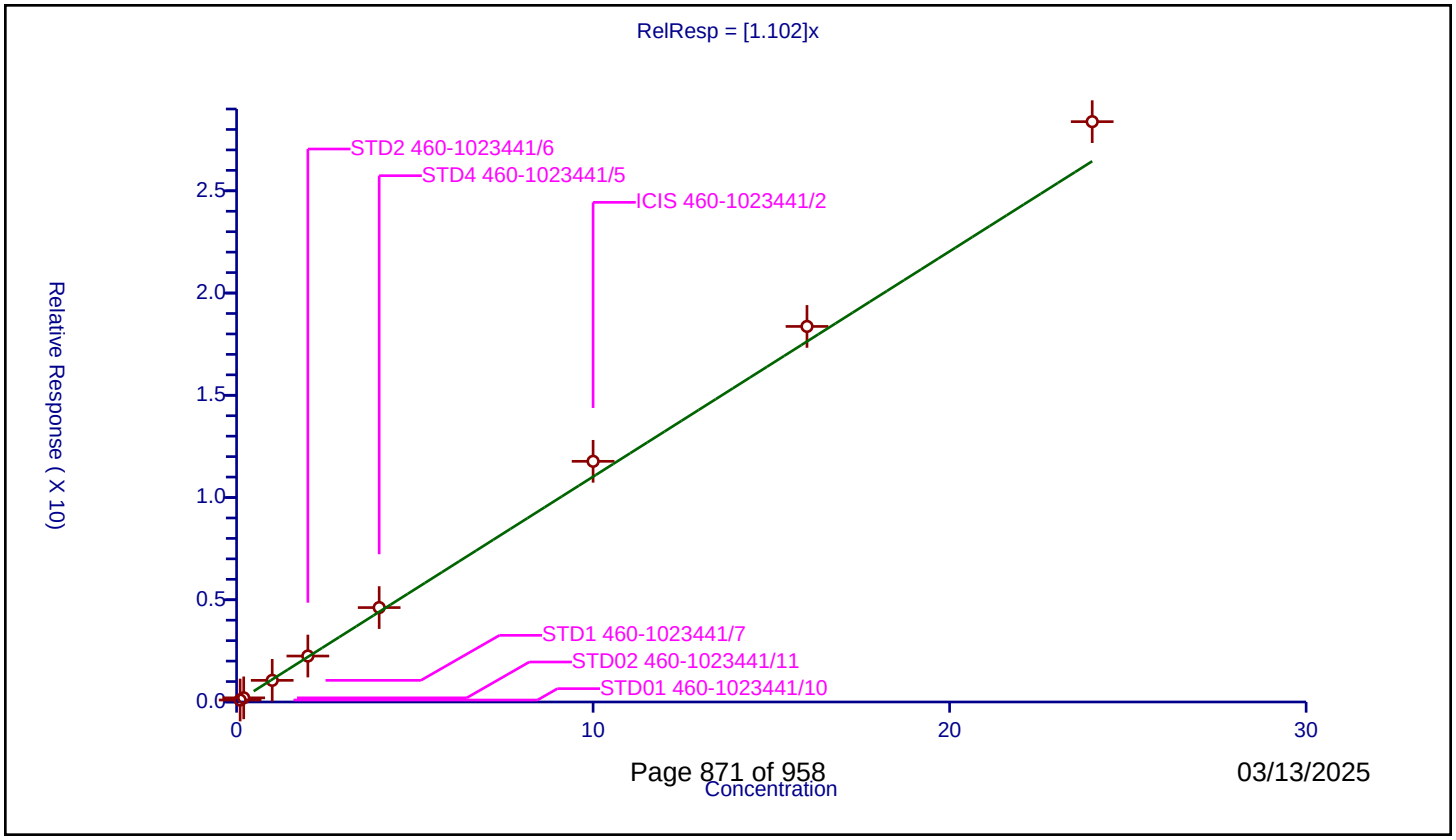
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.102 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.095638 | 8.0 | 973751.0 | 0.956384 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.203003 | 8.0 | 948520.0 | 1.015013 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.057908 | 8.0 | 969430.0 | 1.057908 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.248301 | 8.0 | 958989.0 | 1.124151 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 4.617771 | 8.0 | 935369.0 | 1.154443 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 11.770405 | 8.0 | 891605.0 | 1.177041 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 18.367441 | 8.0 | 984479.0 | 1.147965 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 28.381772 | 8.0 | 951730.0 | 1.182574 | Y |



## Calibration / Benzo[k]fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

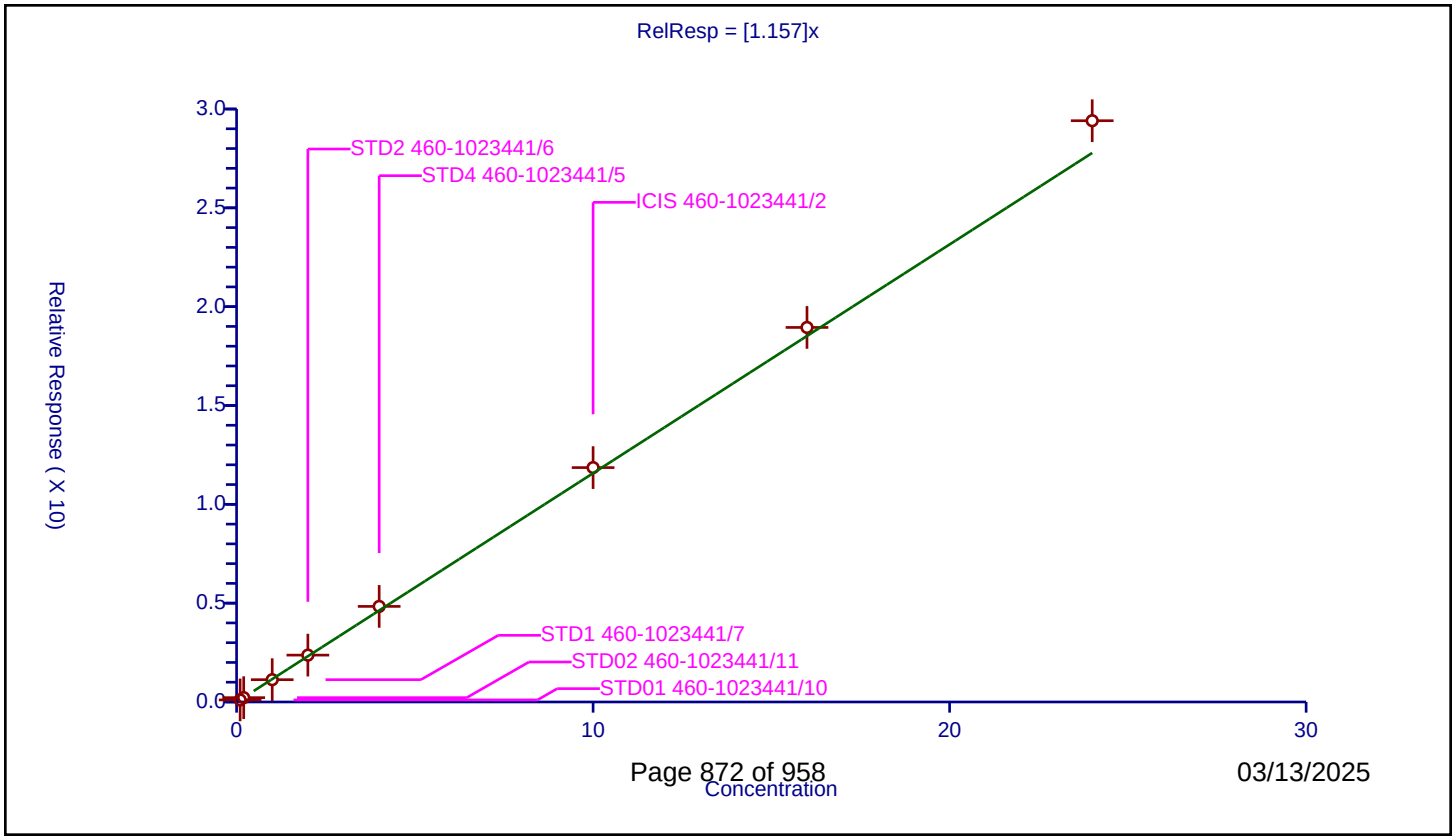
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.157 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.104643 | 8.0 | 973751.0 | 1.046428 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.21896 | 8.0 | 948520.0 | 1.0948 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.127937 | 8.0 | 969430.0 | 1.127937 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.370939 | 8.0 | 958989.0 | 1.185469 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 4.836286 | 8.0 | 935369.0 | 1.209072 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 11.858561 | 8.0 | 891605.0 | 1.185856 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 18.949012 | 8.0 | 984479.0 | 1.184313 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 29.408231 | 8.0 | 951730.0 | 1.225343 | Y |



## Calibration / Benzo[a]pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

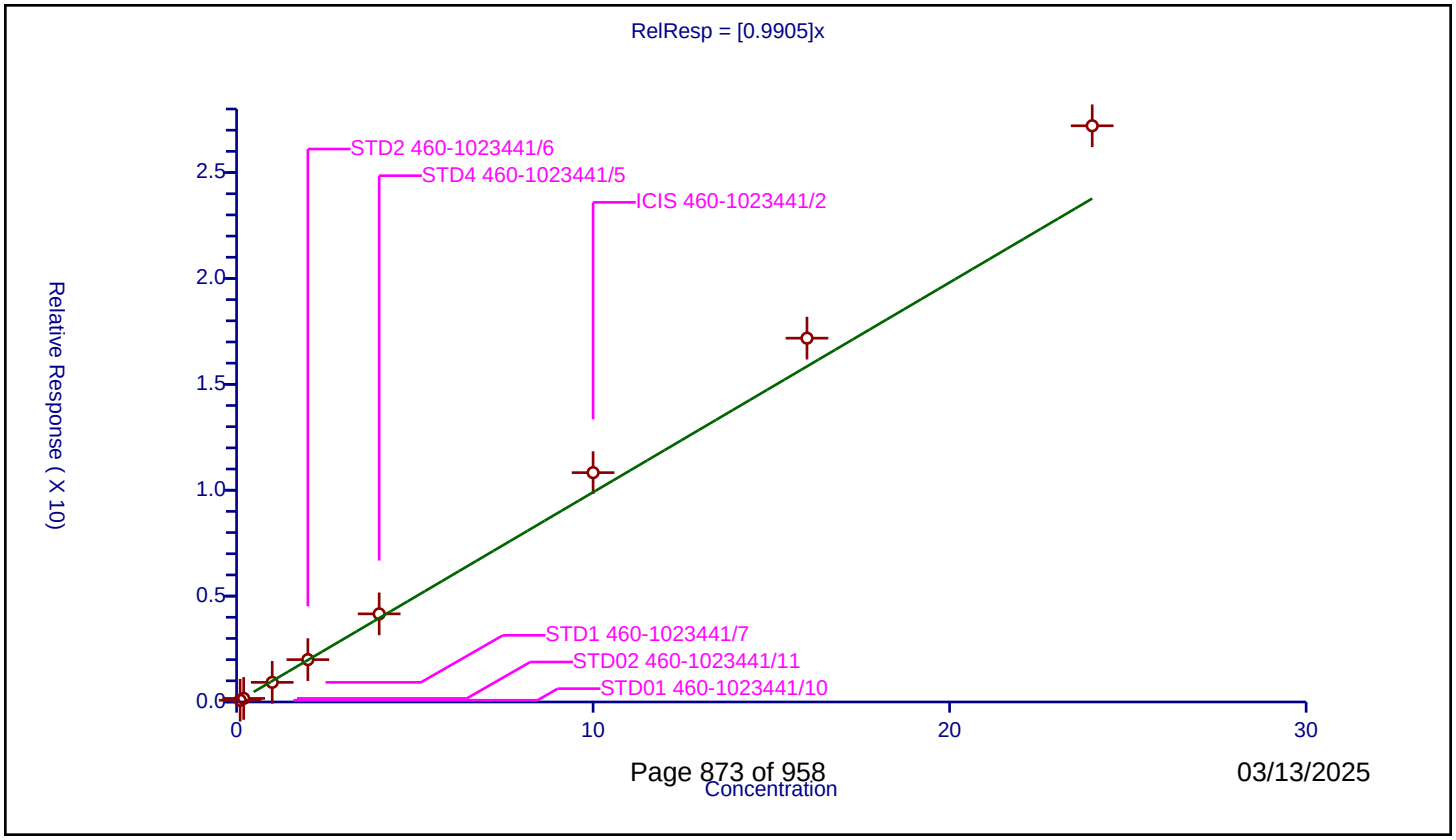
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9905 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.0826 | 8.0 | 973751.0 | 0.826002 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.167781 | 8.0 | 948520.0 | 0.838907 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 0.927811 | 8.0 | 969430.0 | 0.927811 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.000724 | 8.0 | 958989.0 | 1.000362 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 4.161241 | 8.0 | 935369.0 | 1.04031 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 10.829154 | 8.0 | 891605.0 | 1.082915 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 17.179255 | 8.0 | 984479.0 | 1.073703 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 27.208187 | 8.0 | 951730.0 | 1.133674 | Y |



## Calibration / Indeno[1,2,3-cd]pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

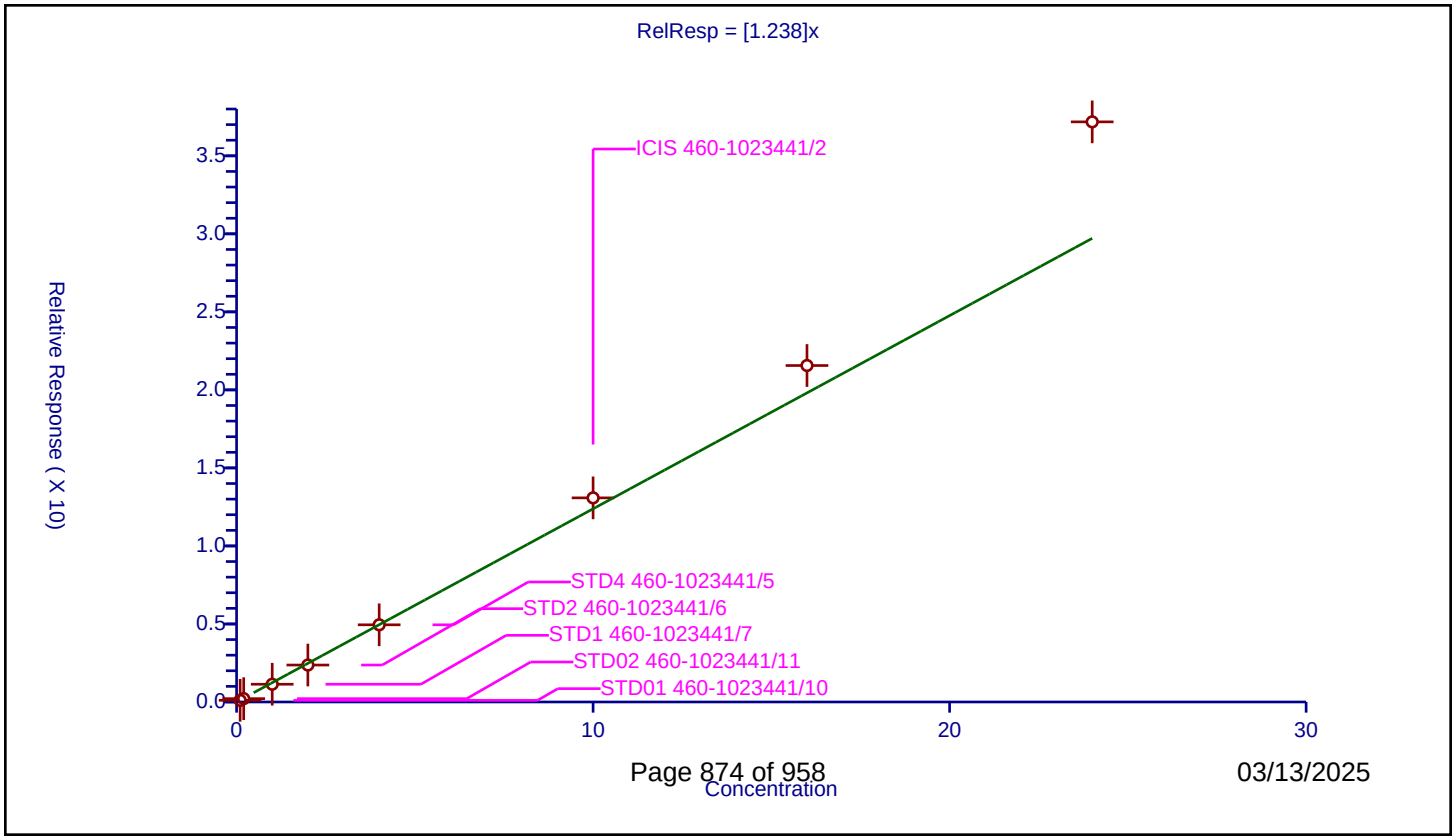
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.238 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.107099 | 8.0 | 973751.0 | 1.070992 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.2139 | 8.0 | 948520.0 | 1.069498 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.137922 | 8.0 | 969430.0 | 1.137922 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.367935 | 8.0 | 958989.0 | 1.183968 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 4.94654 | 8.0 | 935369.0 | 1.236635 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 13.080582 | 8.0 | 891605.0 | 1.308058 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 21.562528 | 8.0 | 984479.0 | 1.347658 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 37.175569 | 8.0 | 951730.0 | 1.548982 | Y |



## Calibration / Dibenz(a,h)anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

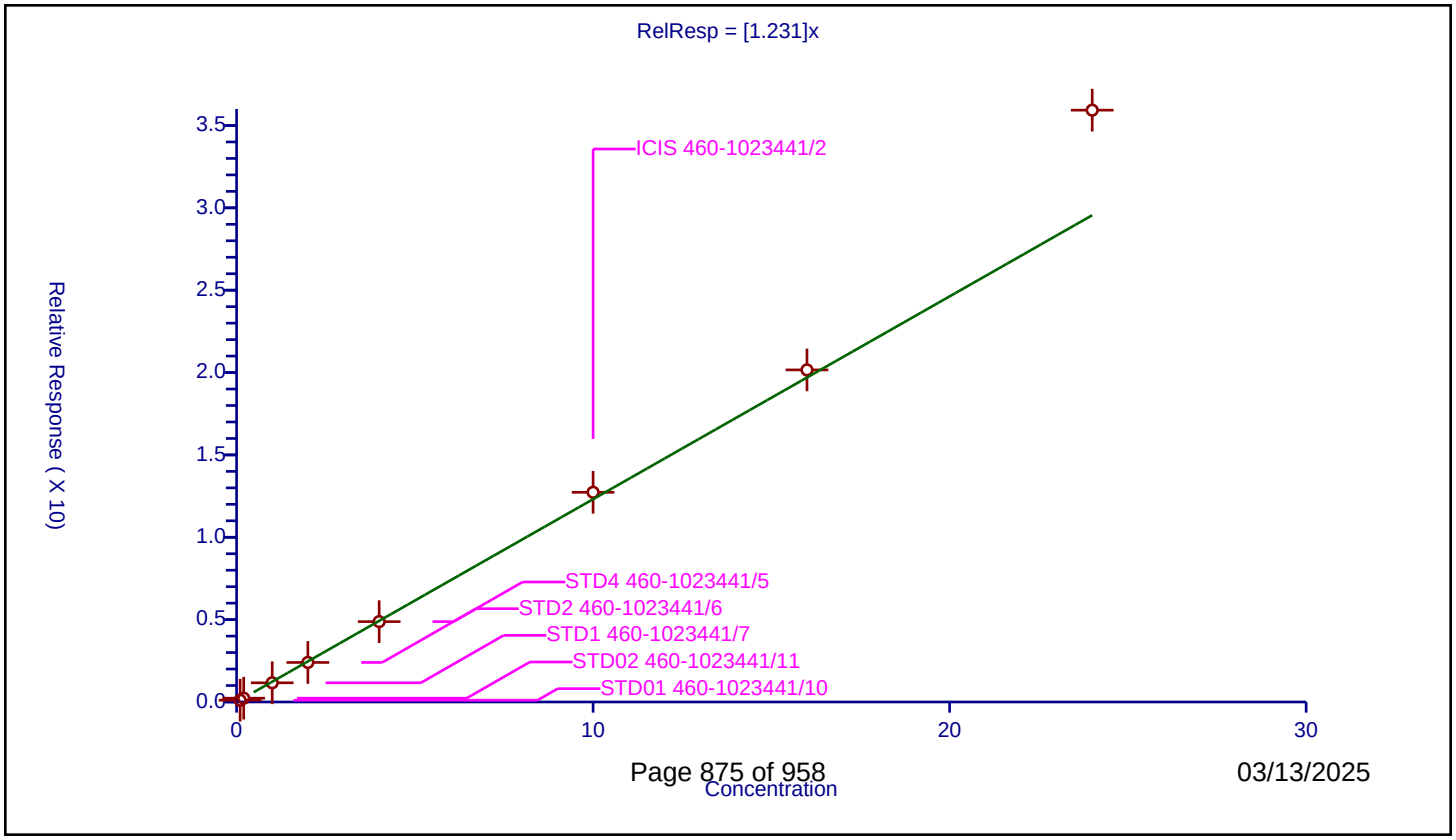
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.231 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.108373 | 8.0 | 973751.0 | 1.083727 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.230296 | 8.0 | 948520.0 | 1.151478 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.164924 | 8.0 | 969430.0 | 1.164924 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.39931 | 8.0 | 958989.0 | 1.199655 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 4.87881 | 8.0 | 935369.0 | 1.219703 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 12.73101 | 8.0 | 891605.0 | 1.273101 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 20.162039 | 8.0 | 984479.0 | 1.260127 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 35.930728 | 8.0 | 951730.0 | 1.497114 | Y |



## Calibration / Benzo[g,h,i]perylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

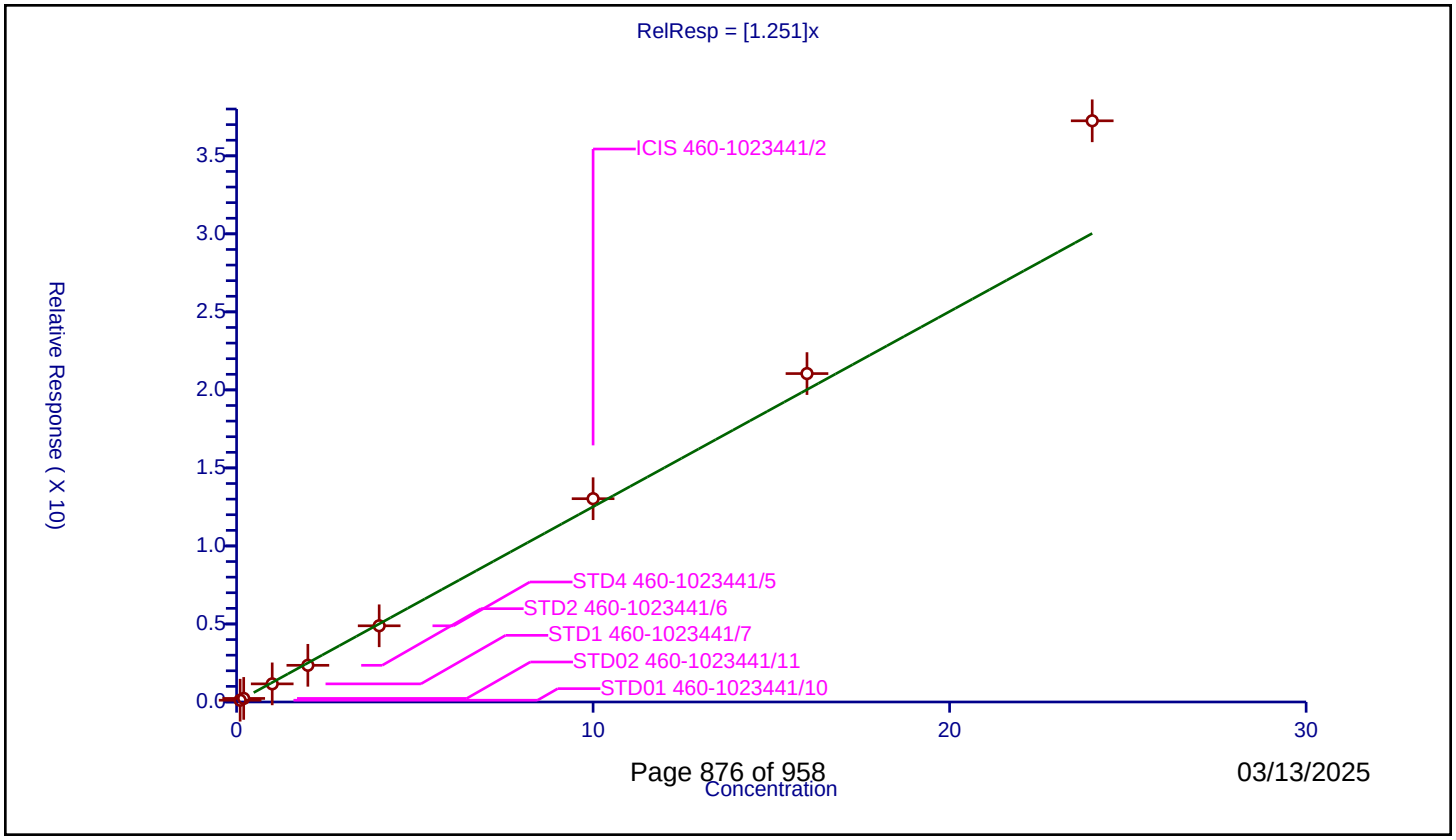
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.251 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1023441/10 | 0.1 | 0.114403 | 8.0 | 973751.0 | 1.14403 | Y |
| 2 | STD02 460-1023441/11 | 0.2 | 0.227487 | 8.0 | 948520.0 | 1.137435 | Y |
| 3 | STD1 460-1023441/7 | 1.0 | 1.161631 | 8.0 | 969430.0 | 1.161631 | Y |
| 4 | STD2 460-1023441/6 | 2.0 | 2.350859 | 8.0 | 958989.0 | 1.17543 | Y |
| 5 | STD4 460-1023441/5 | 4.0 | 4.883874 | 8.0 | 935369.0 | 1.220968 | Y |
| 6 | ICIS 460-1023441/2 | 10.0 | 13.027608 | 8.0 | 891605.0 | 1.302761 | Y |
| 7 | STD16 460-1023441/4 | 16.0 | 21.04673 | 8.0 | 984479.0 | 1.315421 | Y |
| 8 | STD24 460-1023441/3 | 24.0 | 37.245135 | 8.0 | 951730.0 | 1.551881 | Y |



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab Sample ID (1): ICIS 460-1023441/2  Instrument ID (1): CBNAMS17

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 02/28/2025 06:24

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 12.01 | 75.90 |

Resolution Report

Eurofins Edison

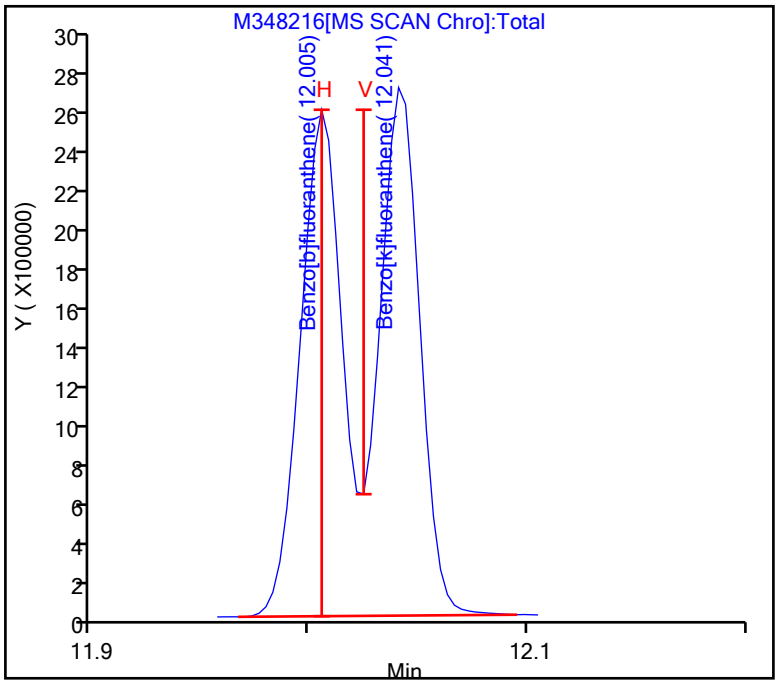
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348216.D
Injection Date: 28-Feb-2025 06:24:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 1955273
H(Smaller Peak Height) = 2575840

%Resolution = 75.9, Min. Resolution > 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab Sample ID (1): ICV 460-1023441/12  Instrument ID (1): CBNAMS17

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 02/28/2025 10:18

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 12.01 | 75.30 |

Resolution Report

Eurofins Edison

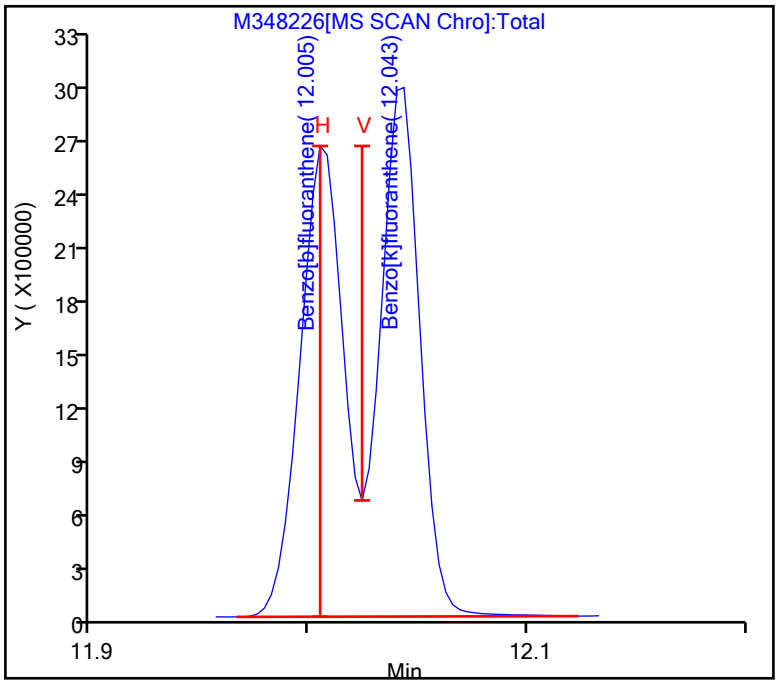
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348226.D
Injection Date: 28-Feb-2025 10:18:30 Instrument ID: CBNAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 1996309
H(Smaller Peak Height) = 2651351

%Resolution = 75.3, Min. Resolution > 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1024844/2  Instrument ID (1): CBNAMS17

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 03/08/2025 11:03

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 11.96 | 76.60 |

Resolution Report

Eurofins Edison

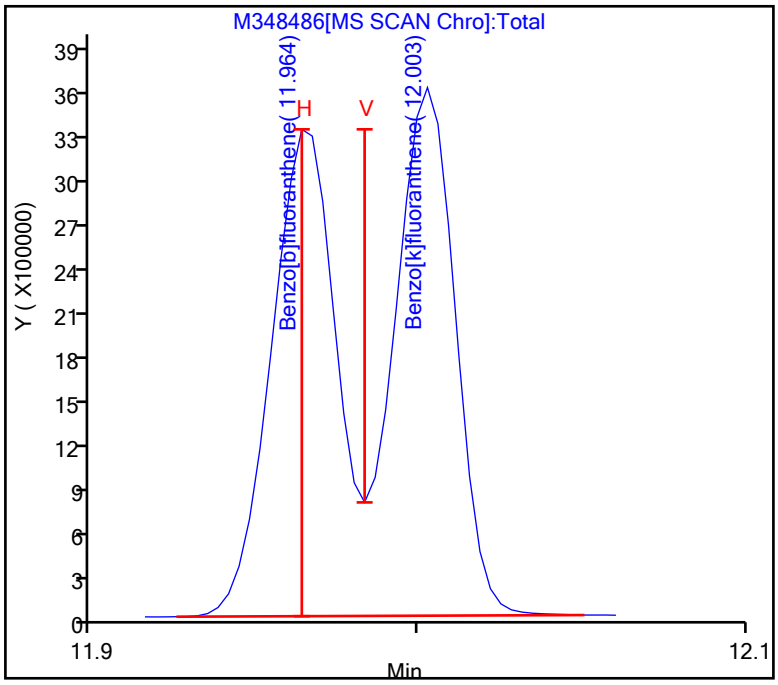
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348486.D
Injection Date: 08-Mar-2025 11:03:30 Instrument ID: CBNAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 2489194
H(Smaller Peak Height) = 3248483

%Resolution = 76.6, Min. Resolution > 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1024950/2  Instrument ID (1): CBNAMS17

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 03/09/2025 13:56

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 11.96 | 74.20 |

Resolution Report

Eurofins Edison

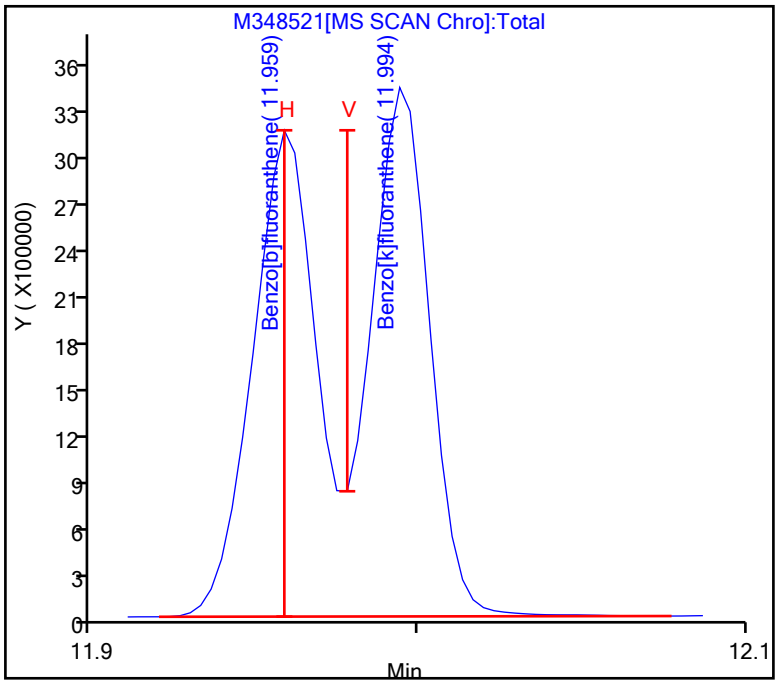
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348521.D
Injection Date: 09-Mar-2025 13:56:30 Instrument ID: CBNAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 2313903
H(Smaller Peak Height) = 3117450

%Resolution = 74.2, Min. Resolution > 50.0
Passed



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Lab Sample ID: ICV 460-1023441/12 | Calibration Date: 02/28/2025 10:18

Instrument ID: CBNAMS17 | Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 02/28/2025 09:34

Lab File ID: M348226.D | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Ave | 0.5291 | 0.5555 | | 10500 | 10000 | 5.0 | 30.0 |
| N-Nitrosodimethylamine | Ave | 0.8283 | 0.8680 | | 10500 | 10000 | 4.8 | 30.0 |
| Pyridine | Ave | 1.172 | 1.315 | | 22400 | 20000 | 12.2 | 30.0 |
| Benzaldehyde | Ave | 1.088 | 1.096 | 0.0100 | 4030 | 4000 | 0.7 | 30.0 |
| Phenol | Ave | 1.851 | 1.895 | 0.8000 | 10200 | 10000 | 2.4 | 30.0 |
| Aniline | Ave | 1.932 | 2.149 | | 11100 | 10000 | 11.2 | 30.0 |
| Bis(2-chloroethyl)ether | Ave | 1.347 | 1.403 | 0.7000 | 10400 | 10000 | 4.2 | 30.0 |
| 2-Chlorophenol | Ave | 1.401 | 1.454 | 0.8000 | 10400 | 10000 | 3.8 | 30.0 |
| n-Decane | Ave | 1.094 | 1.106 | | 10100 | 10000 | 1.1 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.534 | 1.589 | | 10400 | 10000 | 3.6 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.536 | 1.597 | | 10400 | 10000 | 4.0 | 30.0 |
| Benzyl alcohol | Ave | 0.8894 | 0.9366 | | 10500 | 10000 | 5.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.482 | 1.551 | 0.0100 | 10500 | 10000 | 4.7 | 30.0 |
| 2-Methylphenol | Ave | 1.206 | 1.283 | 0.7000 | 10600 | 10000 | 6.4 | 30.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.500 | 1.492 | 0.0100 | 9950 | 10000 | -0.5 | 30.0 |
| N-Methylaniline | Ave | 1.948 | 2.111 | | 10800 | 10000 | 8.3 | 30.0 |
| Acetophenone | Ave | 1.926 | 2.025 | 0.0100 | 10500 | 10000 | 5.2 | 30.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.9146 | 0.9748 | 0.5000 | 10700 | 10000 | 6.6 | 30.0 |
| 3 & 4 Methylphenol | Ave | 1.310 | 1.386 | | 10600 | 10000 | 5.8 | 30.0 |
| 4-Methylphenol | Ave | 1.302 | 1.377 | 0.6000 | 10600 | 10000 | 5.7 | 30.0 |
| Hexachloroethane | Ave | 0.5706 | 0.5788 | 0.3000 | 10100 | 10000 | 1.4 | 30.0 |
| Nitrobenzene | Ave | 0.6655 | 0.7118 | 0.2000 | 10700 | 10000 | 7.0 | 30.0 |
| n,n'-Dimethylaniline | Ave | 2.082 | 2.127 | | 10200 | 10000 | 2.2 | 30.0 |
| Isophorone | Ave | 0.6329 | 0.6810 | 0.4000 | 10800 | 10000 | 7.6 | 30.0 |
| 2-Nitrophenol | Ave | 0.1912 | 0.2048 | 0.1000 | 10700 | 10000 | 7.1 | 30.0 |
| 2,4-Dimethylphenol | Ave | 0.2585 | 0.2770 | 0.2000 | 10700 | 10000 | 7.2 | 30.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4280 | 0.4513 | 0.3000 | 10500 | 10000 | 5.4 | 30.0 |
| Benzoic acid | Lin2 | | 0.2034 | | 9910 | 10000 | -0.9 | 30.0 |
| 2,4-Dichlorophenol | Ave | 0.2827 | 0.3012 | 0.2000 | 10700 | 10000 | 6.6 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3069 | 0.3252 | | 10600 | 10000 | 6.0 | 30.0 |
| Naphthalene | Ave | 1.063 | 1.119 | 0.7000 | 10500 | 10000 | 5.2 | 30.0 |
| 4-Chloroaniline | Ave | 0.4042 | 0.4515 | 0.0100 | 11200 | 10000 | 11.7 | 30.0 |
| Hexachlorobutadiene | Ave | 0.1625 | 0.1731 | 0.0100 | 10700 | 10000 | 6.5 | 30.0 |
| Caprolactam | Ave | 0.1097 | 0.1149 | 0.0100 | 4190 | 4000 | 4.7 | 30.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2761 | 0.2907 | 0.2000 | 10500 | 10000 | 5.3 | 30.0 |
| 2-Methylnaphthalene | Ave | 0.6957 | 0.7263 | 0.4000 | 10400 | 10000 | 4.4 | 30.0 |
| 1-Methylnaphthalene | Ave | 0.6375 | 0.6584 | | 10300 | 10000 | 3.3 | 30.0 |
| Hexachlorocyclopentadiene | Ave | 0.3445 | 0.3735 | 0.0500 | 10800 | 10000 | 8.4 | 30.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.5825 | 0.6143 | 0.0100 | 10500 | 10000 | 5.4 | 30.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.3769 | 0.4005 | | 10600 | 10000 | 6.3 | 30.0 |
| 2,4,6-Trichlorophenol | Ave | 0.3713 | 0.4090 | 0.2000 | 11000 | 10000 | 10.1 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: ICV 460-1023441/12 Calibration Date: 02/28/2025 10:18

Instrument ID: CBNAMS17 Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/28/2025 09:34

Lab File ID: M348226.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4027 | 0.4260 | 0.2000 | 10600 | 10000 | 5.8 | 30.0 |
| 1,1'-Biphenyl | Ave | 1.581 | 1.677 | 0.0100 | 10600 | 10000 | 6.0 | 30.0 |
| 2-Chloronaphthalene | Ave | 1.229 | 1.299 | 0.8000 | 10600 | 10000 | 5.7 | 30.0 |
| Phenyl ether | Ave | 0.8675 | 0.8814 | | 10200 | 10000 | 1.6 | 30.0 |
| 2-Nitroaniline | Ave | 0.3847 | 0.4033 | 0.0100 | 10500 | 10000 | 4.8 | 30.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.9880 | 0.9881 | | 10000 | 10000 | 0.0 | 30.0 |
| Coumarin | Ave | 0.2232 | 0.2304 | | 10300 | 10000 | 3.2 | 30.0 |
| Dimethyl phthalate | Ave | 1.301 | 1.378 | 0.0100 | 10600 | 10000 | 5.9 | 30.0 |
| 2,6-Dinitrotoluene | Ave | 0.2853 | 0.3145 | 0.2000 | 11000 | 10000 | 10.2 | 30.0 |
| Acenaphthylene | Ave | 1.879 | 1.975 | 0.6000 | 10500 | 10000 | 5.1 | 30.0 |
| 3-Nitroaniline | Ave | 0.3311 | 0.3505 | 0.0100 | 10600 | 10000 | 5.9 | 30.0 |
| Acenaphthene | Ave | 1.133 | 1.171 | 0.9000 | 10300 | 10000 | 3.3 | 30.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.7865 | 0.8477 | | 10800 | 10000 | 7.8 | 30.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.1979 | 0.0100 | 21500 | 20000 | 7.5 | 30.0 |
| 4-Nitrophenol | Ave | 0.1878 | 0.2065 | 0.0100 | 22000 | 20000 | 9.9 | 30.0 |
| Dibenzofuran | Ave | 1.693 | 1.761 | 0.8000 | 10400 | 10000 | 4.0 | 30.0 |
| 2,4-Dinitrotoluene | Ave | 0.3666 | 0.4033 | 0.2000 | 11000 | 10000 | 10.0 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3094 | 0.3268 | 0.0100 | 10600 | 10000 | 5.6 | 30.0 |
| Diethyl phthalate | Ave | 1.314 | 1.293 | 0.0100 | 9840 | 10000 | -1.6 | 30.0 |
| n-Octadecane | Ave | 0.4863 | 0.5006 | | 10300 | 10000 | 2.9 | 30.0 |
| Fluorene | Ave | 1.312 | 1.376 | 0.9000 | 10500 | 10000 | 4.8 | 30.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.5865 | 0.6126 | 0.4000 | 10400 | 10000 | 4.5 | 30.0 |
| 4-Nitroaniline | Ave | 0.2898 | 0.3193 | 0.0100 | 11000 | 10000 | 10.2 | 30.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1308 | 0.1451 | 0.0100 | 22200 | 20000 | 10.9 | 30.0 |
| N-Nitrosodiphenylamine | Ave | 0.5563 | 0.5900 | 0.0100 | 10600 | 10000 | 6.1 | 30.0 |
| 1,2-Diphenylhydrazine | Ave | 0.7491 | 0.8292 | | 11100 | 10000 | 10.7 | 30.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2109 | 0.2226 | 0.1000 | 10600 | 10000 | 5.6 | 30.0 |
| Hexachlorobenzene | Ave | 0.2619 | 0.2761 | 0.1000 | 10500 | 10000 | 5.4 | 30.0 |
| Atrazine | Ave | 0.1705 | 0.1815 | 0.0100 | 4260 | 4000 | 6.4 | 30.0 |
| Pentachlorophenol | Ave | 0.1558 | 0.1709 | 0.0500 | 21900 | 20000 | 9.7 | 30.0 |
| Pentachloronitrobenzene | Ave | 0.0811 | 0.0827 | 0.0100 | 10200 | 10000 | 2.0 | 30.0 |
| Phenanthrene | Ave | 1.062 | 1.109 | 0.7000 | 10400 | 10000 | 4.4 | 30.0 |
| Anthracene | Ave | 1.066 | 1.128 | 0.7000 | 10600 | 10000 | 5.8 | 30.0 |
| Carbazole | Ave | 0.9293 | 0.997 | 0.0100 | 10700 | 10000 | 7.3 | 30.0 |
| Di-n-butyl phthalate | Ave | 1.102 | 1.179 | 0.0100 | 10700 | 10000 | 6.9 | 30.0 |
| Fluoranthene | Ave | 0.9479 | 1.007 | 0.6000 | 10600 | 10000 | 6.2 | 30.0 |
| Benzidine | Ave | 0.3535 | 0.4271 | | 12100 | 10000 | 20.8 | 30.0 |
| Pyrene | Ave | 1.651 | 1.740 | 0.6000 | 10500 | 10000 | 5.4 | 30.0 |
| Bisphenol-A | Ave | 0.4748 | 0.4787 | | 10100 | 10000 | 0.8 | 30.0 |
| Butyl benzyl phthalate | Ave | 0.6187 | 0.6737 | 0.0100 | 10900 | 10000 | 8.9 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: ICV 460-1023441/12 Calibration Date: 02/28/2025 10:18

Instrument ID: CBNAMS17 Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/28/2025 09:34

Lab File ID: M348226.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Carbamazepine | Lin1 | | 0.4693 | | 9260 | 10000 | -7.4 | 30.0 |
| 3,3'-Dichlorobenzidine | Lin2 | | 0.5312 | 0.0100 | 11200 | 10000 | 12.1 | 30.0 |
| Benzo[a]anthracene | Ave | 1.285 | 1.376 | 0.8000 | 10700 | 10000 | 7.1 | 30.0 |
| Chrysene | Ave | 1.240 | 1.272 | 0.7000 | 10300 | 10000 | 2.5 | 30.0 |
| Bis(2-ethylhexyl) phthalate | Lin2 | | 0.9729 | 0.0100 | 11000 | 10000 | 9.7 | 30.0 |
| Di-n-octyl phthalate | Ave | 1.272 | 1.421 | 0.0100 | 11200 | 10000 | 11.7 | 30.0 |
| Benzo[b]fluoranthene | Ave | 1.102 | 1.193 | | 10800 | 10000 | 8.2 | 30.0 |
| Benzo[k]fluoranthene | Ave | 1.157 | 1.243 | 0.7000 | 10700 | 10000 | 7.4 | 30.0 |
| Benzo[a]pyrene | Ave | 0.9905 | 1.130 | 0.7000 | 11400 | 10000 | 14.1 | 30.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 1.238 | 1.374 | 0.5000 | 11100 | 10000 | 11.0 | 30.0 |
| Dibenz(a,h)anthracene | Ave | 1.231 | 1.371 | 0.4000 | 11100 | 10000 | 11.3 | 30.0 |
| Benzo[g,h,i]perylene | Ave | 1.251 | 1.368 | 0.5000 | 10900 | 10000 | 9.3 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348226.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Feb-2025 10:18:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-012
Operator ID: Instrument ID: CBNAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:45:46 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 11:46:11

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 88 | 1.376 | 1.382 | -0.006 | 91 | 332018 | 10.0 | 10.5 | |
| 2 | N-Nitrosodimethylamine | 74 | 1.558 | 1.564 | -0.006 | 99 | 518807 | 10.0 | 10.5 | |
| 3 | Pyridine | 79 | 1.583 | 1.590 | -0.007 | 99 | 1571723 | 20.0 | 22.4 | |
| 5 | Benzaldehyde | 77 | 3.384 | 3.385 | -0.001 | 97 | 261945 | 4.00 | 4.03 | E |
| 7 | Phenol | 94 | 3.483 | 3.484 | -0.001 | 96 | 1132511 | 10.0 | 10.2 | |
| 8 | Aniline | 93 | 3.496 | 3.497 | -0.001 | 98 | 1284535 | 10.0 | 11.1 | |
| 9 | Bis(2-chloroethyl)ether | 93 | 3.566 | 3.567 | -0.001 | 98 | 838767 | 10.0 | 10.4 | |
| 10 | Benzonitrile | 103 | 3.576 | 3.580 | -0.004 | 97 | 1633503 | NC | NC | |
| 11 | 2-Chlorophenol | 128 | 3.611 | 3.612 | -0.001 | 98 | 869056 | 10.0 | 10.4 | |
| 13 | n-Decane | 43 | 3.678 | 3.676 | 0.002 | 86 | 660841 | 10.0 | 10.1 | |
| 14 | 1,3-Dichlorobenzene | 146 | 3.761 | 3.762 | -0.001 | 97 | 949808 | 10.0 | 10.4 | |
| * 15 | 1,4-Dichlorobenzene-d4 | 152 | 3.819 | 3.820 | -0.001 | 94 | 478146 | 8.00 | 8.00 | |
| 16 | 1,4-Dichlorobenzene | 146 | 3.835 | 3.836 | -0.001 | 95 | 954221 | 10.0 | 10.4 | |
| 17 | Benzyl alcohol | 108 | 3.966 | 3.967 | -0.001 | 95 | 559771 | 10.0 | 10.5 | |
| 19 | 1,2-Dichlorobenzene | 146 | 3.982 | 3.983 | -0.001 | 98 | 927097 | 10.0 | 10.5 | |
| 20 | 2-Methylphenol | 108 | 4.084 | 4.085 | -0.001 | 93 | 766832 | 10.0 | 10.6 | |
| 21 | 2,2'-oxybis[1-chloropropane] | 45 | 4.100 | 4.101 | -0.001 | 95 | 891979 | 10.0 | 9.95 | a |
| 24 | N-Methylaniline | 106 | 4.218 | 4.216 | 0.002 | 97 | 1261457 | 10.0 | 10.8 | |
| 26 | Acetophenone | 105 | 4.225 | 4.226 | -0.001 | 95 | 1210592 | 10.0 | 10.5 | |
| 25 | N-Nitrosodi-n-propylamine | 70 | 4.234 | 4.232 | 0.002 | 79 | 582619 | 10.0 | 10.7 | |
| 22 | 4-Methylphenol | 108 | 4.244 | 4.245 | -0.001 | 95 | 822898 | 10.0 | 10.6 | |
| 23 | 3 & 4 Methylphenol | 108 | 4.244 | 4.245 | -0.001 | 0 | 828267 | 10.0 | 10.6 | |
| 27 | Hexachloroethane | 117 | 4.314 | 4.312 | 0.002 | 97 | 345967 | 10.0 | 10.1 | |
| 29 | Nitrobenzene | 123 | 4.388 | 4.389 | -0.001 | 99 | 425449 | 10.0 | 10.7 | |
| 30 | n,n'-Dimethylaniline | 120 | 4.394 | 4.395 | -0.001 | 94 | 1271565 | 10.0 | 10.2 | |
| 31 | Isophorone | 82 | 4.627 | 4.628 | -0.001 | 98 | 1523036 | 10.0 | 10.8 | |
| 32 | 2-Nitrophenol | 139 | 4.701 | 4.699 | 0.002 | 96 | 458057 | 10.0 | 10.7 | |
| 33 | 2,4-Dimethylphenol | 122 | 4.765 | 4.766 | -0.001 | 92 | 619492 | 10.0 | 10.7 | |
| 35 | Bis(2-chloroethoxy)methane | 93 | 4.858 | 4.859 | -0.001 | 97 | 1009322 | 10.0 | 10.5 | |
| 34 | Benzoic acid | 122 | 4.874 | 4.871 | 0.003 | 86 | 454804 | 10.0 | 9.91 | |
| 36 | 2,4-Dichlorophenol | 162 | 4.938 | 4.939 | -0.001 | 98 | 673735 | 10.0 | 10.7 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 37 1,2,4-Trichlorobenzene | 180 | 5.017 | 5.015 | 0.002 | 94 | 727249 | 10.0 | 10.6 | |
| * 38 Naphthalene-d8 | 136 | 5.069 | 5.067 | 0.002 | 99 | 1789172 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.088 | 5.086 | 0.002 | 99 | 2501555 | 10.0 | 10.5 | |
| 40 4-Chloroaniline | 127 | 5.155 | 5.156 | -0.001 | 98 | 1009757 | 10.0 | 11.2 | |
| 41 2,6-Dichlorophenol | 162 | 5.158 | 5.159 | -0.001 | 98 | 663959 | 10.0 | 10.5 | |
| 42 Hexachlorobutadiene | 225 | 5.222 | 5.220 | 0.002 | 97 | 387091 | 10.0 | 10.7 | |
| 44 Caprolactam | 55 | 5.478 | 5.476 | 0.002 | 93 | 102810 | 4.00 | 4.19 | M |
| 45 4-Chloro-3-methylphenol | 107 | 5.644 | 5.645 | -0.001 | 95 | 650233 | 10.0 | 10.5 | |
| 46 2-Methylnaphthalene | 142 | 5.762 | 5.764 | -0.002 | 85 | 1624327 | 10.0 | 10.4 | |
| 47 1-Methylnaphthalene | 142 | 5.855 | 5.856 | -0.001 | 92 | 1472417 | 10.0 | 10.3 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.919 | 5.920 | -0.001 | 97 | 421276 | 10.0 | 10.8 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.925 | 5.927 | -0.002 | 97 | 692928 | 10.0 | 10.5 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.986 | 5.988 | -0.002 | 91 | 895771 | 10.0 | 10.6 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.044 | 6.042 | 0.002 | 90 | 461334 | 10.0 | 11.0 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.073 | 6.074 | -0.001 | 97 | 480553 | 10.0 | 10.6 | |
| 54 1,1'-Biphenyl | 154 | 6.220 | 6.218 | 0.002 | 97 | 1891649 | 10.0 | 10.6 | |
| 55 2-Chloronaphthalene | 162 | 6.226 | 6.228 | -0.002 | 98 | 1465727 | 10.0 | 10.6 | |
| 56 Phenyl ether | 170 | 6.325 | 6.324 | 0.001 | 86 | 994260 | 10.0 | 10.2 | |
| 57 2-Nitroaniline | 65 | 6.338 | 6.336 | 0.002 | 95 | 454895 | 10.0 | 10.5 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.444 | 6.442 | 0.002 | 92 | 1114578 | 10.0 | 10.0 | |
| 60 Coumarin | 146 | 6.530 | 6.528 | 0.002 | 81 | 515312 | 10.0 | 10.3 | |
| 59 Dimethyl phthalate | 163 | 6.533 | 6.532 | 0.001 | 99 | 1554079 | 10.0 | 10.6 | |
| 61 2,6-Dinitrotoluene | 165 | 6.581 | 6.580 | 0.001 | 96 | 354815 | 10.0 | 11.0 | |
| 62 Acenaphthylene | 152 | 6.620 | 6.618 | 0.002 | 98 | 2227391 | 10.0 | 10.5 | |
| 63 3-Nitroaniline | 138 | 6.735 | 6.733 | 0.002 | 97 | 395405 | 10.0 | 10.6 | |
| * 64 Acenaphthene-d10 | 164 | 6.757 | 6.756 | 0.001 | 95 | 902442 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.789 | 6.788 | 0.001 | 96 | 1320857 | 10.0 | 10.3 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.808 | 6.810 | -0.002 | 97 | 956244 | 10.0 | 10.8 | |
| 67 2,4-Dinitrophenol | 184 | 6.834 | 6.832 | 0.002 | 96 | 446373 | 20.0 | 21.5 | |
| 68 4-Nitrophenol | 65 | 6.917 | 6.916 | 0.001 | 86 | 465829 | 20.0 | 22.0 | |
| 70 Dibenzofuran | 168 | 6.956 | 6.954 | 0.002 | 97 | 1986636 | 10.0 | 10.4 | |
| 69 2,4-Dinitrotoluene | 165 | 6.959 | 6.961 | -0.001 | 95 | 454976 | 10.0 | 11.0 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.080 | 7.079 | 0.001 | 94 | 368612 | 10.0 | 10.6 | |
| 72 Diethyl phthalate | 149 | 7.215 | 7.213 | 0.002 | 98 | 1459004 | 10.0 | 9.84 | |
| 73 n-Octadecane | 57 | 7.243 | 7.242 | 0.001 | 88 | 920498 | 10.0 | 10.3 | |
| 74 Fluorene | 166 | 7.282 | 7.281 | 0.002 | 95 | 1552313 | 10.0 | 10.5 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.295 | 7.297 | -0.002 | 90 | 691089 | 10.0 | 10.4 | |
| 76 4-Nitroaniline | 138 | 7.314 | 7.313 | 0.001 | 88 | 360217 | 10.0 | 11.0 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.346 | 7.345 | 0.001 | 89 | 533411 | 20.0 | 22.2 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.413 | 7.412 | 0.001 | 87 | 1084859 | 10.0 | 10.6 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.445 | 7.444 | 0.001 | 50 | 1524595 | 10.0 | 11.1 | |
| 131 Azobenzene | 77 | 7.445 | 7.444 | 0.001 | 96 | 1524595 | 10.0 | 10.5 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.758 | 7.757 | 0.001 | 93 | 409279 | 10.0 | 10.6 | |
| 84 Hexachlorobenzene | 284 | 7.800 | 7.799 | 0.001 | 96 | 507600 | 10.0 | 10.5 | |
| 85 Atrazine | 200 | 7.937 | 7.936 | 0.001 | 93 | 133452 | 4.00 | 4.26 | |
| 86 Pentachlorophenol | 266 | 7.995 | 7.994 | 0.001 | 95 | 628492 | 20.0 | 21.9 | |
| 87 Pentachloronitrobenzene | 237 | 8.008 | 8.007 | 0.001 | 90 | 152093 | 10.0 | 10.2 | |
| * 88 Phenanthrene-d10 | 188 | 8.165 | 8.164 | 0.001 | 99 | 1470902 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.187 | 8.186 | 0.001 | 98 | 2038389 | 10.0 | 10.4 | |
| 90 Anthracene | 178 | 8.235 | 8.234 | 0.001 | 98 | 2073246 | 10.0 | 10.6 | |
| 91 Carbazole | 167 | 8.401 | 8.397 | 0.004 | 96 | 1833414 | 10.0 | 10.7 | |
| 92 Di-n-butyl phthalate | 149 | 8.772 | 8.772 | 0.000 | 99 | 2167062 | 10.0 | 10.7 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 93 Fluoranthene | 202 | 9.312 | 9.312 | 0.000 | 97 | 1850940 | 10.0 | 10.6 | |
| 94 Benzidine | 184 | 9.463 | 9.462 | 0.001 | 99 | 785258 | 10.0 | 12.1 | M |
| 95 Pyrene | 202 | 9.523 | 9.520 | 0.003 | 96 | 1904691 | 10.0 | 10.5 | |
| 96 Bisphenol-A | 213 | 9.613 | 9.609 | 0.004 | 98 | 524087 | 10.0 | 10.1 | |
| 98 Butyl benzyl phthalate | 149 | 10.195 | 10.195 | 0.000 | 97 | 737579 | 10.0 | 10.9 | |
| 100 Carbamazepine | 193 | 10.269 | 10.269 | 0.000 | 93 | 513753 | 10.0 | 9.26 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.710 | 10.710 | 0.000 | 98 | 581522 | 10.0 | 11.2 | |
| 102 Benzo[a]anthracene | 228 | 10.713 | 10.713 | 0.000 | 100 | 1506246 | 10.0 | 10.7 | |
| * 103 Chrysene-d12 | 240 | 10.723 | 10.723 | 0.000 | 98 | 875842 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.751 | 10.752 | -0.001 | 98 | 1392624 | 10.0 | 10.3 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.835 | 10.835 | 0.000 | 85 | 1065093 | 10.0 | 11.0 | |
| 106 Di-n-octyl phthalate | 149 | 11.631 | 11.631 | 0.000 | 96 | 1663041 | 10.0 | 11.2 | |
| 107 Benzo[b]fluoranthene | 252 | 12.005 | 12.005 | 0.000 | 98 | 1396004 | 10.0 | 10.8 | |
| 108 Benzo[k]fluoranthene | 252 | 12.043 | 12.041 | 0.002 | 99 | 1455051 | 10.0 | 10.7 | |
| 109 Benzo[a]pyrene | 252 | 12.424 | 12.428 | -0.004 | 96 | 1322179 | 10.0 | 11.4 | |
| * 110 Perylene-d12 | 264 | 12.501 | 12.501 | 0.000 | 98 | 936327 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.952 | 13.951 | 0.001 | 97 | 1607903 | 10.0 | 11.1 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.997 | 13.996 | 0.001 | 96 | 1604468 | 10.0 | 11.1 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.308 | 14.306 | 0.002 | 96 | 1601287 | 10.0 | 10.9 | |

## QC Flag Legend

Processing Flags
- NC - Not Calibrated
- E - Exceeded Maximum Amount

Review Flags
- M - Manually Integrated
- a - User Assigned ID

## Reagents:

SV_ICV_ LVI_00012 Amount Added: 1.00 Units: mL

Report Date: 28-Feb-2025 11:46:12 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348226.D

Injection Date: 28-Feb-2025 10:18:30 Instrument ID: CBNAMS17

Lims ID: ICV

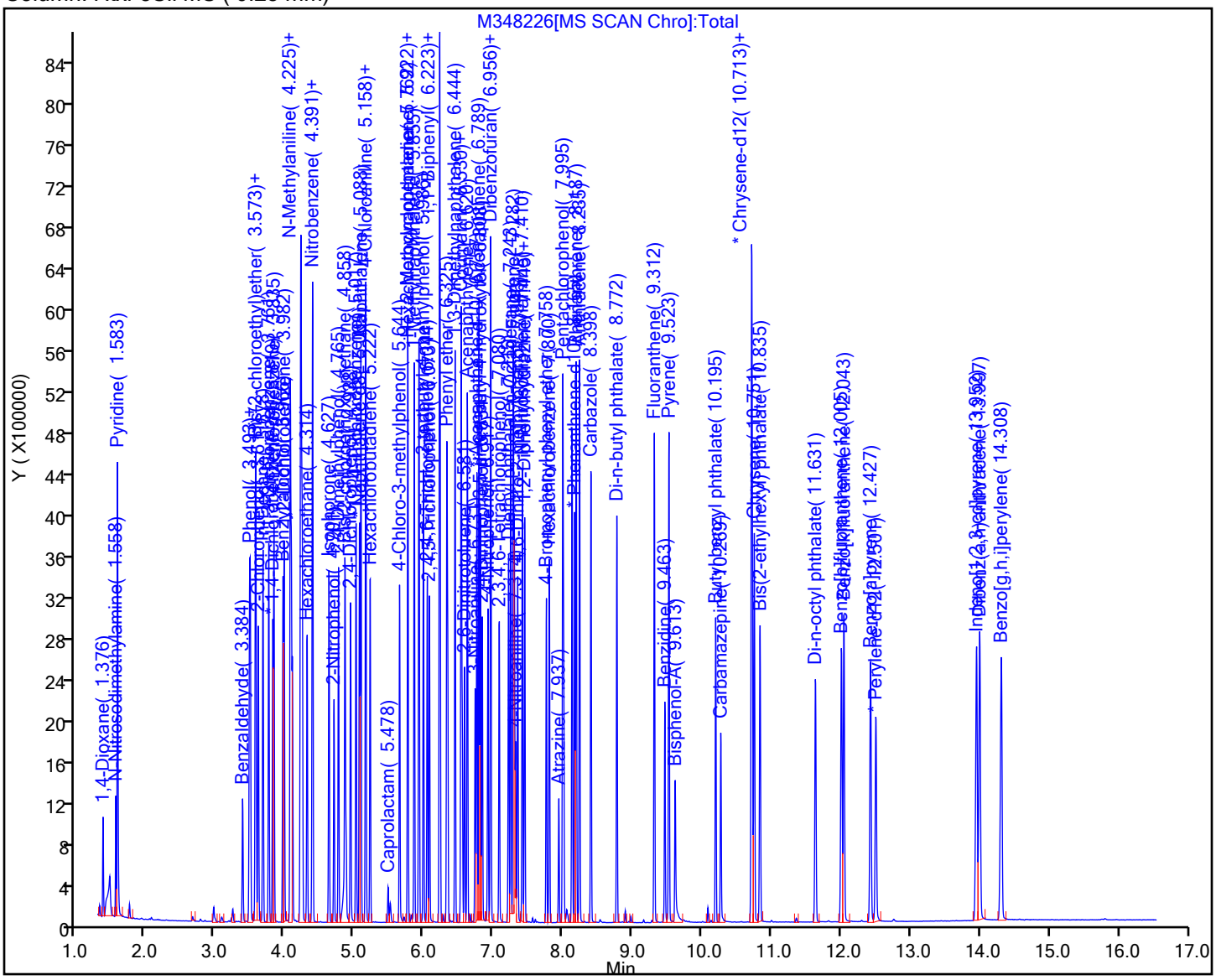
Client ID:

Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

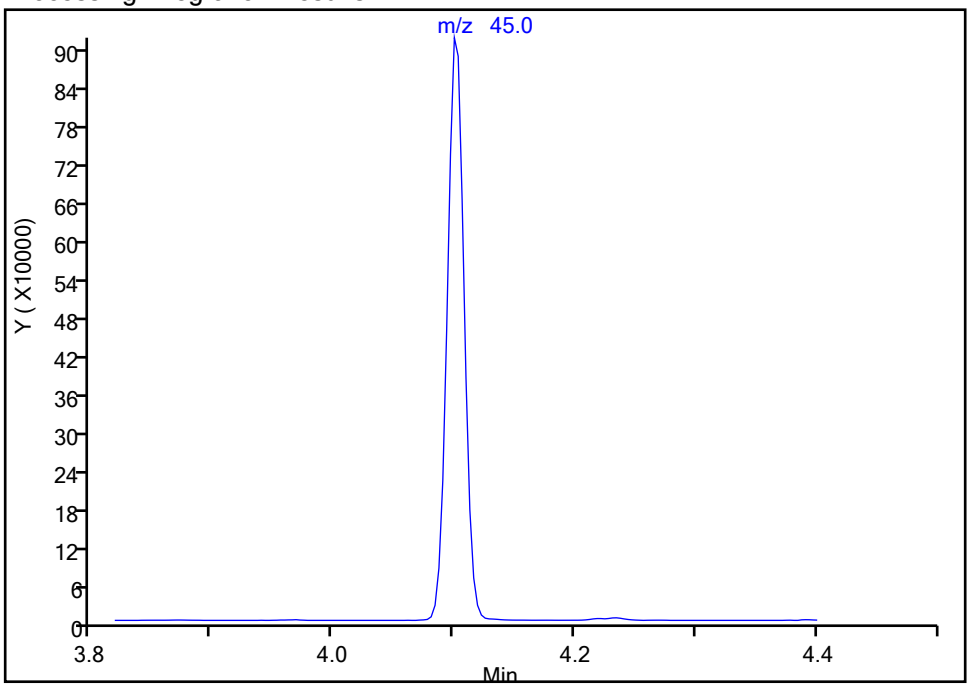
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348226.D | | | | |
| Injection Date: | 28-Feb-2025 10:18:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | ICV | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 12 | Worklist Smp#: | 12 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 21 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

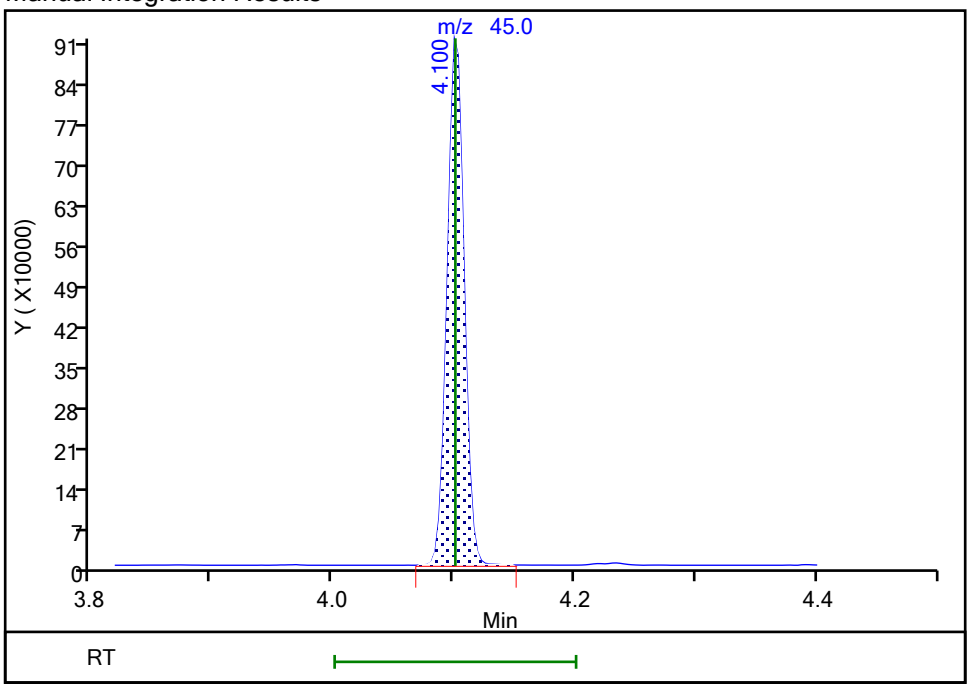
Not Detected
Expected RT: 4.10

Processing Integration Results




Manual Integration Results

RT: 4.10
Area: 891979
Amount: 9.949579
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:41:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

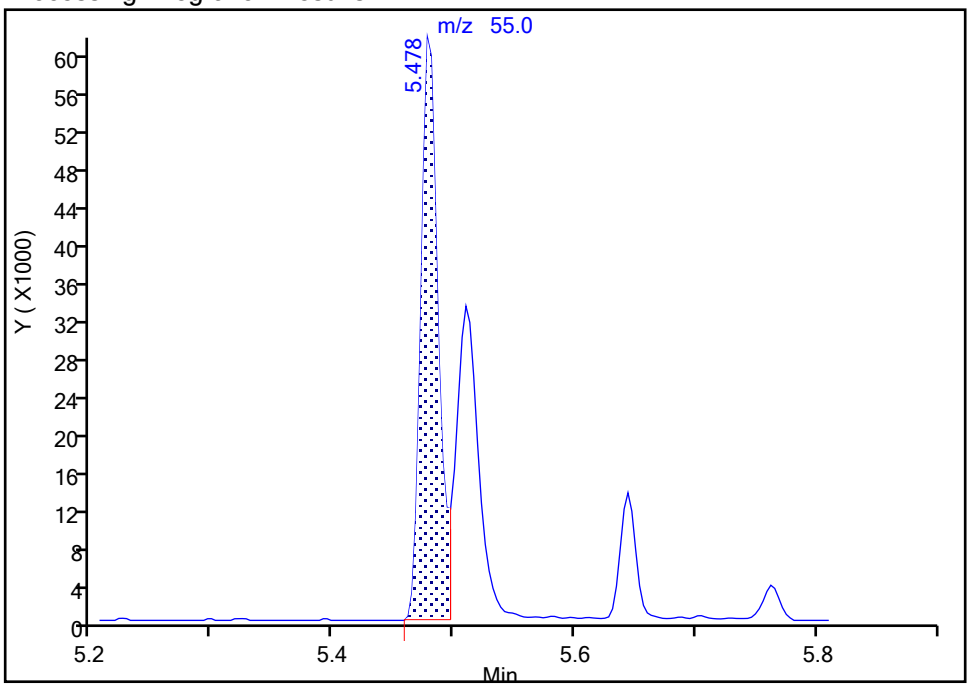
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348226.D
Injection Date: 28-Feb-2025 10:18:30 Instrument ID: CBNAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 44 Caprolactam, CAS: 105-60-2

Signal: 1

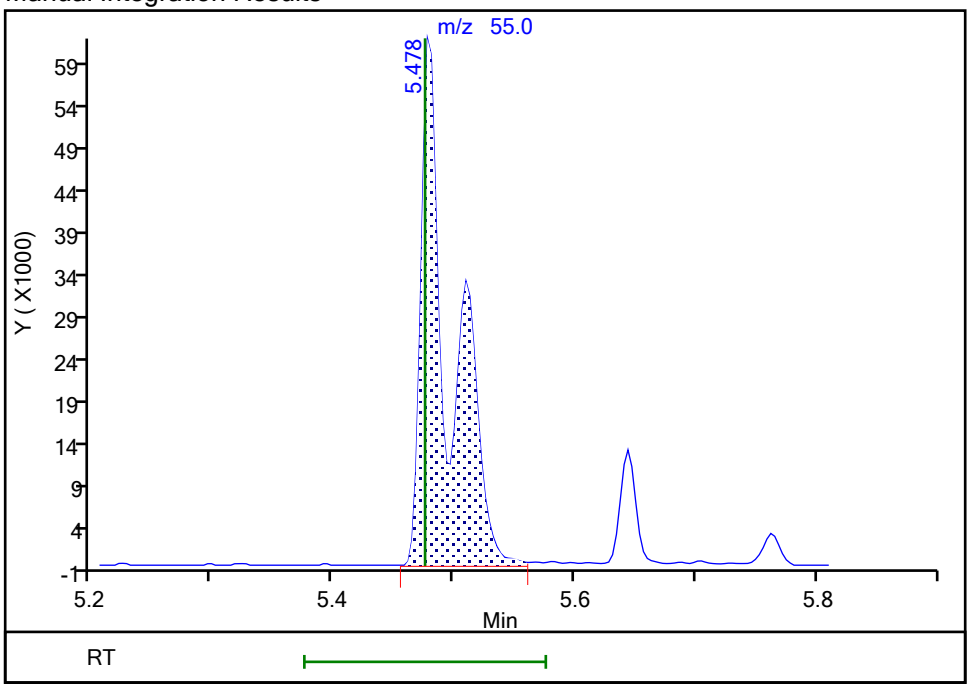
Processing Integration Results

RT: 5.48
Area: 61870
Amount: 2.521162
Amount Units: ug/ml




Manual Integration Results

RT: 5.48
Area: 102810
Amount: 4.189440
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:41:00 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

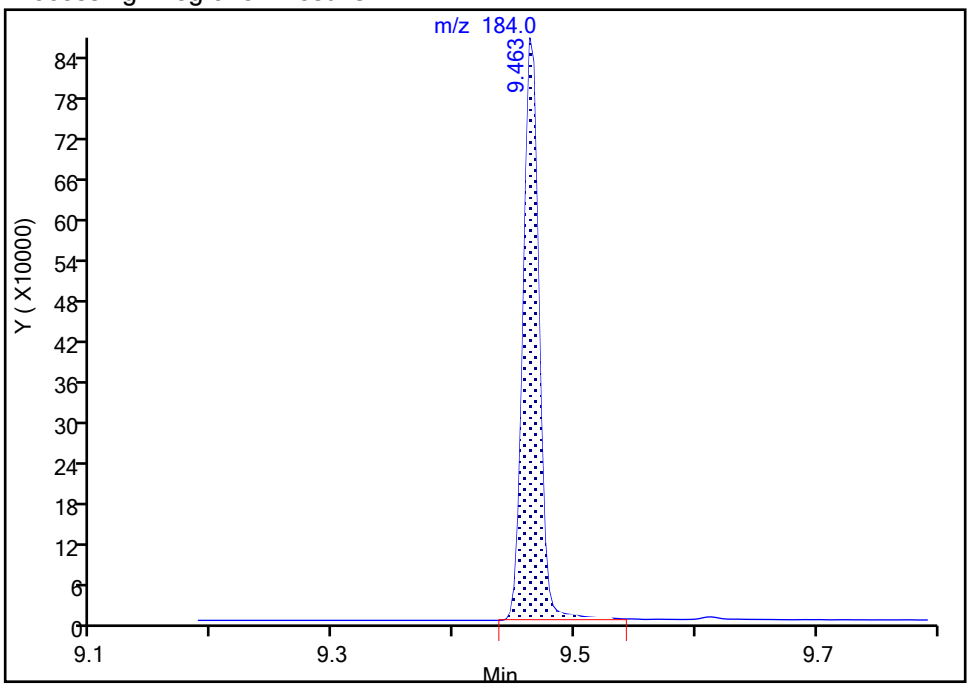
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348226.D
Injection Date: 28-Feb-2025 10:18:30 Instrument ID: CBNAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

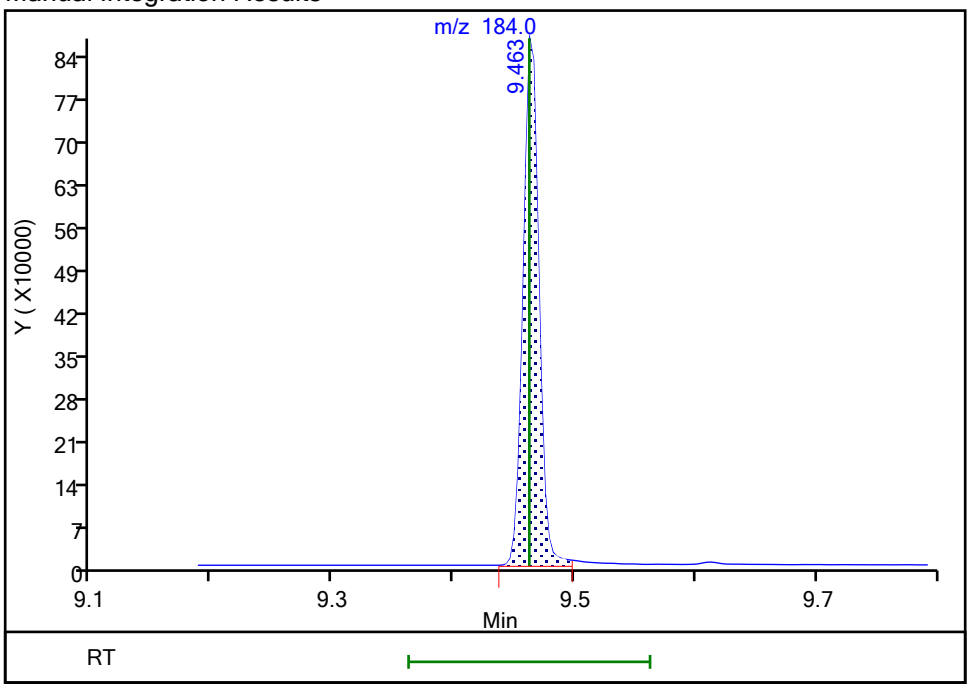
Processing Integration Results

RT: 9.46
Area: 796612
Amount: 12.044049
Amount Units: ug/ml




Manual Integration Results

RT: 9.46
Area: 785258
Amount: 12.081088
Amount Units: ug/ml




Reviewer: G4KC, 28-Feb-2025 10:43:00 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024844/2 | Calibration Date: 03/08/2025 11:03

Instrument ID: CBNAMS17 | Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 02/28/2025 09:34

Lab File ID: M348486.D | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Ave | 0.5291 | 0.5431 | | 10300 | 10000 | 2.6 | 20.0 |
| N-Nitrosodimethylamine | Ave | 0.8283 | 0.8410 | | 10200 | 10000 | 1.5 | 20.0 |
| Pyridine | Ave | 1.172 | 1.180 | | 20100 | 20000 | 0.6 | 20.0 |
| Benzaldehyde | Ave | 1.088 | 0.5032 | 0.0100 | 1850 | 4000 | -53.7* | 20.0 |
| Phenol | Ave | 1.851 | 1.822 | 0.8000 | 9840 | 10000 | -1.6 | 20.0 |
| Aniline | Ave | 1.932 | 1.937 | | 10000 | 10000 | 0.3 | 20.0 |
| Bis(2-chloroethyl)ether | Ave | 1.347 | 1.294 | 0.7000 | 9610 | 10000 | -3.9 | 20.0 |
| 2-Chlorophenol | Ave | 1.401 | 1.410 | 0.8000 | 10100 | 10000 | 0.7 | 20.0 |
| n-Decane | Ave | 1.094 | 1.009 | | 9220 | 10000 | -7.8 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.534 | 1.542 | | 10100 | 10000 | 0.5 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.536 | 1.549 | | 10100 | 10000 | 0.9 | 20.0 |
| Benzyl alcohol | Ave | 0.8894 | 0.8777 | | 9870 | 10000 | -1.3 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.482 | 1.468 | | 9910 | 10000 | -0.9 | 20.0 |
| 2-Methylphenol | Ave | 1.206 | 1.195 | 0.7000 | 9910 | 10000 | -0.9 | 20.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.500 | 1.316 | 0.0100 | 8770 | 10000 | -12.3 | 20.0 |
| N-Methylaniline | Ave | 1.948 | 1.999 | | 10300 | 10000 | 2.6 | 20.0 |
| Acetophenone | Ave | 1.926 | 1.854 | 0.0100 | 9620 | 10000 | -3.8 | 20.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.9146 | 0.8585 | 0.5000 | 9390 | 10000 | -6.1 | 20.0 |
| 3 & 4 Methylphenol | Ave | 1.310 | 1.266 | | 9670 | 10000 | -3.3 | 20.0 |
| 4-Methylphenol | Ave | 1.302 | 1.257 | 0.6000 | 9650 | 10000 | -3.5 | 20.0 |
| Hexachloroethane | Ave | 0.5706 | 0.5574 | 0.3000 | 9770 | 10000 | -2.3 | 20.0 |
| Nitrobenzene | Ave | 0.6655 | 0.6750 | 0.2000 | 10100 | 10000 | 1.4 | 20.0 |
| n,n'-Dimethylaniline | Ave | 2.082 | 2.022 | | 9710 | 10000 | -2.9 | 20.0 |
| Isophorone | Ave | 0.6329 | 0.6319 | 0.4000 | 9990 | 10000 | -0.1 | 20.0 |
| 2-Nitrophenol | Ave | 0.1912 | 0.1953 | 0.1000 | 10200 | 10000 | 2.2 | 20.0 |
| 2,4-Dimethylphenol | Ave | 0.2585 | 0.2590 | 0.2000 | 10000 | 10000 | 0.2 | 20.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4280 | 0.4204 | 0.3000 | 9820 | 10000 | -1.8 | 20.0 |
| Benzoic acid | Lin2 | | 0.2188 | | 10600 | 10000 | 6.2 | 20.0 |
| 2,4-Dichlorophenol | Ave | 0.2827 | 0.2932 | 0.2000 | 10400 | 10000 | 3.7 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3069 | 0.3125 | | 10200 | 10000 | 1.8 | 20.0 |
| Naphthalene | Ave | 1.063 | 1.061 | 0.7000 | 9980 | 10000 | -0.2 | 20.0 |
| 4-Chloroaniline | Ave | 0.4042 | 0.4188 | 0.0100 | 10400 | 10000 | 3.6 | 20.0 |
| Hexachlorobutadiene | Ave | 0.1625 | 0.1617 | 0.0100 | 9950 | 10000 | -0.5 | 20.0 |
| Caprolactam | Ave | 0.1097 | 0.1227 | 0.0100 | 4470 | 4000 | 11.8 | 20.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2761 | 0.2811 | 0.2000 | 10200 | 10000 | 1.8 | 20.0 |
| 2-Methylnaphthalene | Ave | 0.6957 | 0.6898 | 0.4000 | 9920 | 10000 | -0.8 | 20.0 |
| 1-Methylnaphthalene | Ave | 0.6375 | 0.6231 | | 9770 | 10000 | -2.3 | 20.0 |
| Hexachlorocyclopentadiene | Ave | 0.3445 | 0.3173 | 0.0500 | 9210 | 10000 | -7.9 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.5825 | 0.5933 | 0.0100 | 10200 | 10000 | 1.8 | 20.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.3769 | 0.3836 | | 10200 | 10000 | 1.8 | 20.0 |
| 2,4,6-Trichlorophenol | Ave | 0.3713 | 0.4054 | 0.2000 | 10900 | 10000 | 9.2 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024844/2 | Calibration Date: 03/08/2025 11:03

Instrument ID: CBNAMS17 | Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 02/28/2025 09:34

Lab File ID: M348486.D | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4027 | 0.4211 | 0.2000 | 10500 | 10000 | 4.6 | 20.0 |
| 1,1'-Biphenyl | Ave | 1.581 | 1.633 | 0.0100 | 10300 | 10000 | 3.3 | 20.0 |
| 2-Chloronaphthalene | Ave | 1.229 | 1.264 | 0.8000 | 10300 | 10000 | 2.9 | 20.0 |
| Phenyl ether | Ave | 0.8675 | 0.8603 | | 9920 | 10000 | -0.8 | 20.0 |
| 2-Nitroaniline | Ave | 0.3847 | 0.3858 | 0.0100 | 10000 | 10000 | 0.3 | 20.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.9880 | 0.9729 | | 9850 | 10000 | -1.5 | 20.0 |
| Coumarin | Ave | 0.2232 | 0.2333 | | 10500 | 10000 | 4.5 | 20.0 |
| Dimethyl phthalate | Ave | 1.301 | 1.339 | 0.0100 | 10300 | 10000 | 2.9 | 20.0 |
| 2,6-Dinitrotoluene | Ave | 0.2853 | 0.3064 | 0.2000 | 10700 | 10000 | 7.4 | 20.0 |
| Acenaphthylene | Ave | 1.879 | 1.910 | 0.6000 | 10200 | 10000 | 1.6 | 20.0 |
| 3-Nitroaniline | Ave | 0.3311 | 0.3623 | 0.0100 | 10900 | 10000 | 9.4 | 20.0 |
| Acenaphthene | Ave | 1.133 | 1.144 | 0.9000 | 10100 | 10000 | 1.0 | 20.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.7865 | 0.8803 | | 11200 | 10000 | 11.9 | 20.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.2150 | 0.0100 | 23200 | 20000 | 16.0 | 20.0 |
| 4-Nitrophenol | Ave | 0.1878 | 0.2208 | 0.0100 | 23500 | 20000 | 17.6 | 20.0 |
| Dibenzofuran | Ave | 1.693 | 1.731 | 0.8000 | 10200 | 10000 | 2.2 | 20.0 |
| 2,4-Dinitrotoluene | Ave | 0.3666 | 0.4123 | 0.2000 | 11200 | 10000 | 12.5 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3094 | 0.3299 | 0.0100 | 10700 | 10000 | 6.6 | 20.0 |
| Diethyl phthalate | Ave | 1.314 | 1.286 | 0.0100 | 9790 | 10000 | -2.1 | 20.0 |
| n-Octadecane | Ave | 0.4863 | 0.4332 | | 8910 | 10000 | -10.9 | 20.0 |
| Fluorene | Ave | 1.312 | 1.355 | 0.9000 | 10300 | 10000 | 3.2 | 20.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.5865 | 0.6030 | 0.4000 | 10300 | 10000 | 2.8 | 20.0 |
| 4-Nitroaniline | Ave | 0.2898 | 0.3445 | 0.0100 | 11900 | 10000 | 18.9 | 20.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1308 | 0.1453 | 0.0100 | 22200 | 20000 | 11.1 | 20.0 |
| N-Nitrosodiphenylamine | Ave | 0.5563 | 0.5526 | 0.0100 | 9930 | 10000 | -0.7 | 20.0 |
| 1,2-Diphenylhydrazine | Ave | 0.7491 | 0.7423 | | 9910 | 10000 | -0.9 | 20.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2109 | 0.2066 | 0.1000 | 9800 | 10000 | -2.0 | 20.0 |
| Hexachlorobenzene | Ave | 0.2619 | 0.2606 | 0.1000 | 9950 | 10000 | -0.5 | 20.0 |
| Atrazine | Ave | 0.1705 | 0.1910 | 0.0100 | 4480 | 4000 | 12.0 | 20.0 |
| Pentachlorophenol | Ave | 0.1558 | 0.1752 | 0.0500 | 22500 | 20000 | 12.4 | 20.0 |
| Pentachloronitrobenzene | Ave | 0.0811 | 0.0815 | 0.0100 | 10100 | 10000 | 0.5 | 20.0 |
| Phenanthrene | Ave | 1.062 | 1.057 | 0.7000 | 9950 | 10000 | -0.5 | 20.0 |
| Anthracene | Ave | 1.066 | 1.074 | 0.7000 | 10100 | 10000 | 0.7 | 20.0 |
| Carbazole | Ave | 0.9293 | 1.007 | 0.0100 | 10800 | 10000 | 8.4 | 20.0 |
| Di-n-butyl phthalate | Ave | 1.102 | 1.214 | 0.0100 | 11000 | 10000 | 10.1 | 20.0 |
| Fluoranthene | Ave | 0.9479 | 1.049 | 0.6000 | 11100 | 10000 | 10.7 | 20.0 |
| Benzidine | Ave | 0.3535 | 0.3664 | | 10400 | 10000 | 3.6 | 20.0 |
| Pyrene | Ave | 1.651 | 1.556 | 0.6000 | 9430 | 10000 | -5.7 | 20.0 |
| Bisphenol-A | Ave | 0.4748 | 0.5576 | | 11700 | 10000 | 17.4 | 20.0 |
| Butyl benzyl phthalate | Ave | 0.6187 | 0.6515 | 0.0100 | 10500 | 10000 | 5.3 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024844/2  Calibration Date: 03/08/2025 11:03

Instrument ID: CBNAMS17  Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 02/28/2025 09:34

Lab File ID: M348486.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD | Ave | 0.1971 | 0.2121 | | 108 | 100 | 7.6 | 20.0 |
| Carbamazepine | Lin1 | | 0.4750 | | 9360 | 10000 | -6.4 | 20.0 |
| 3,3'-Dichlorobenzidine | Lin2 | | 0.4884 | 0.0100 | 10300 | 10000 | 3.1 | 20.0 |
| Benzo[a]anthracene | Ave | 1.285 | 1.303 | 0.8000 | 10100 | 10000 | 1.4 | 20.0 |
| Chrysene | Ave | 1.240 | 1.231 | 0.7000 | 9920 | 10000 | -0.8 | 20.0 |
| Bis(2-ethylhexyl) phthalate | Lin2 | | 0.9436 | 0.0100 | 10600 | 10000 | 6.4 | 20.0 |
| Di-n-octyl phthalate | Ave | 1.272 | 1.519 | 0.0100 | 11900 | 10000 | 19.5 | 20.0 |
| Benzo[b]fluoranthene | Ave | 1.102 | 1.195 | | 10800 | 10000 | 8.4 | 20.0 |
| Benzo[k]fluoranthene | Ave | 1.157 | 1.256 | 0.7000 | 10900 | 10000 | 8.5 | 20.0 |
| Benzo[a]pyrene | Ave | 0.9905 | 1.091 | 0.7000 | 11000 | 10000 | 10.2 | 20.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 1.238 | 1.141 | 0.5000 | 9220 | 10000 | -7.8 | 20.0 |
| Dibenz(a,h)anthracene | Ave | 1.231 | 1.125 | 0.4000 | 9140 | 10000 | -8.6 | 20.0 |
| Benzo[g,h,i]perylene | Ave | 1.251 | 1.076 | 0.5000 | 8600 | 10000 | -14.0 | 20.0 |
| Nitrobenzene-d5 (Surr) | Ave | 0.3803 | 0.3843 | | 10100 | 10000 | 1.1 | 20.0 |
| 2-Fluorobiphenyl | Ave | 1.519 | 1.544 | | 10200 | 10000 | 1.6 | 20.0 |
| Terphenyl-d14 (Surr) | Ave | 1.283 | 1.237 | | 9640 | 10000 | -3.6 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348486.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Mar-2025 11:03:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187719-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 11:03:36 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: V5XH Date: 10-Mar-2025 11:03:36

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.370 | 1.370 | 0.000 | 90 | 363530 | 10.0 | 10.3 | |
| 2 N-Nitrosodimethylamine | 74 | 1.552 | 1.552 | 0.000 | 99 | 562927 | 10.0 | 10.2 | |
| 3 Pyridine | 79 | 1.574 | 1.574 | 0.000 | 98 | 1579183 | 20.0 | 20.1 | |
| $ 4 2-Fluorophenol | 112 | 2.552 | 2.552 | 0.000 | 97 | 936212 | 10.0 | 10.5 | |
| 5 Benzaldehyde | 77 | 3.360 | 3.360 | 0.000 | 95 | 134720 | 4.00 | 1.85 | |
| $ 6 Phenol-d5 | 99 | 3.449 | 3.449 | 0.000 | 0 | 1194067 | 10.0 | 10.4 | |
| 7 Phenol | 94 | 3.465 | 3.465 | 0.000 | 97 | 1219628 | 10.0 | 9.84 | |
| 8 Aniline | 93 | 3.472 | 3.472 | 0.000 | 96 | 1296786 | 10.0 | 10.0 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.545 | 3.545 | 0.000 | 99 | 866393 | 10.0 | 9.61 | |
| 10 Benzonitrile | 103 | 3.555 | 3.555 | 0.000 | 96 | 1736803 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.587 | 3.587 | 0.000 | 99 | 943811 | 10.0 | 10.1 | |
| 13 n-Decane | 43 | 3.651 | 3.651 | 0.000 | 86 | 675235 | 10.0 | 9.22 | |
| 14 1,3-Dichlorobenzene | 146 | 3.737 | 3.737 | 0.000 | 97 | 1032347 | 10.0 | 10.1 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.795 | 3.795 | 0.000 | 94 | 535466 | 8.00 | 8.00 | |
| 16 1,4-Dichlorobenzene | 146 | 3.810 | 3.810 | 0.000 | 96 | 1037084 | 10.0 | 10.1 | |
| 17 Benzyl alcohol | 108 | 3.942 | 3.942 | 0.000 | 96 | 587468 | 10.0 | 9.87 | |
| 19 1,2-Dichlorobenzene | 146 | 3.958 | 3.958 | 0.000 | 98 | 982886 | 10.0 | 9.91 | |
| 20 2-Methylphenol | 108 | 4.063 | 4.063 | 0.000 | 92 | 799748 | 10.0 | 9.91 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.076 | 4.076 | 0.000 | 94 | 880584 | 10.0 | 8.77 | |
| 24 N-Methylaniline | 106 | 4.194 | 4.194 | 0.000 | 98 | 1338211 | 10.0 | 10.3 | |
| 26 Acetophenone | 105 | 4.201 | 4.201 | 0.000 | 93 | 1240614 | 10.0 | 9.62 | |
| 25 N-Nitrosodi-n-propylamine | 70 | 4.210 | 4.210 | 0.000 | 79 | 574604 | 10.0 | 9.39 | |
| 22 4-Methylphenol | 108 | 4.223 | 4.223 | 0.000 | 98 | 841371 | 10.0 | 9.65 | |
| 23 3 & 4 Methylphenol | 108 | 4.223 | 4.223 | 0.000 | 0 | 847287 | 10.0 | 9.67 | |
| 27 Hexachloroethane | 117 | 4.287 | 4.287 | 0.000 | 98 | 373073 | 10.0 | 9.77 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.344 | 4.344 | 0.000 | 86 | 938816 | 10.0 | 10.1 | |
| 29 Nitrobenzene | 123 | 4.364 | 4.364 | 0.000 | 99 | 451804 | 10.0 | 10.1 | |
| 30 n,n'-Dimethylaniline | 120 | 4.370 | 4.370 | 0.000 | 93 | 1353389 | 10.0 | 9.71 | |
| 31 Isophorone | 82 | 4.603 | 4.603 | 0.000 | 98 | 1543721 | 10.0 | 9.99 | |
| 32 2-Nitrophenol | 139 | 4.677 | 4.677 | 0.000 | 97 | 477183 | 10.0 | 10.2 | |
| 33 2,4-Dimethylphenol | 122 | 4.741 | 4.741 | 0.000 | 92 | 632723 | 10.0 | 10.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.834 | 4.834 | 0.000 | 96 | 1027020 | 10.0 | 9.82 | |
| 34 Benzoic acid | 122 | 4.859 | 4.859 | 0.000 | 86 | 534434 | 10.0 | 10.6 | |
| 36 2,4-Dichlorophenol | 162 | 4.914 | 4.914 | 0.000 | 98 | 716122 | 10.0 | 10.4 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.993 | 4.993 | 0.000 | 94 | 763318 | 10.0 | 10.2 | |
| * 38 Naphthalene-d8 | 136 | 5.041 | 5.041 | 0.000 | 99 | 1954238 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.064 | 5.064 | 0.000 | 99 | 2591569 | 10.0 | 9.98 | |
| 40 4-Chloroaniline | 127 | 5.134 | 5.134 | 0.000 | 98 | 1022931 | 10.0 | 10.4 | |
| 41 2,6-Dichlorophenol | 162 | 5.134 | 5.134 | 0.000 | 98 | 698193 | 10.0 | 10.1 | |
| 42 Hexachlorobutadiene | 225 | 5.195 | 5.195 | 0.000 | 97 | 394999 | 10.0 | 9.95 | |
| 44 Caprolactam | 55 | 5.460 | 5.460 | 0.000 | 95 | 119893 | 4.00 | 4.47 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.623 | 5.623 | 0.000 | 95 | 686600 | 10.0 | 10.2 | |
| 46 2-Methylnaphthalene | 142 | 5.738 | 5.738 | 0.000 | 85 | 1685129 | 10.0 | 9.92 | |
| 47 1-Methylnaphthalene | 142 | 5.831 | 5.831 | 0.000 | 92 | 1522016 | 10.0 | 9.77 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.895 | 5.895 | 0.000 | 97 | 381117 | 10.0 | 9.21 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.902 | 5.902 | 0.000 | 98 | 712750 | 10.0 | 10.2 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.966 | 5.966 | 0.000 | 91 | 936944 | 10.0 | 10.2 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.020 | 6.020 | 0.000 | 91 | 487013 | 10.0 | 10.9 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.049 | 6.049 | 0.000 | 97 | 505890 | 10.0 | 10.5 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.103 | 6.103 | 0.000 | 97 | 1855137 | 10.0 | 10.2 | |
| 54 1,1'-Biphenyl | 154 | 6.193 | 6.193 | 0.000 | 96 | 1961927 | 10.0 | 10.3 | |
| 55 2-Chloronaphthalene | 162 | 6.202 | 6.202 | 0.000 | 99 | 1518756 | 10.0 | 10.3 | |
| 56 Phenyl ether | 170 | 6.298 | 6.298 | 0.000 | 85 | 1033508 | 10.0 | 9.92 | |
| 57 2-Nitroaniline | 65 | 6.314 | 6.314 | 0.000 | 93 | 463510 | 10.0 | 10.0 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.417 | 6.417 | 0.000 | 92 | 1168701 | 10.0 | 9.85 | |
| 60 Coumarin | 146 | 6.506 | 6.506 | 0.000 | 82 | 569793 | 10.0 | 10.5 | |
| 59 Dimethyl phthalate | 163 | 6.509 | 6.509 | 0.000 | 99 | 1608534 | 10.0 | 10.3 | |
| 61 2,6-Dinitrotoluene | 165 | 6.558 | 6.558 | 0.000 | 96 | 368061 | 10.0 | 10.7 | |
| 62 Acenaphthylene | 152 | 6.593 | 6.593 | 0.000 | 98 | 2294402 | 10.0 | 10.2 | |
| 63 3-Nitroaniline | 138 | 6.711 | 6.711 | 0.000 | 96 | 435217 | 10.0 | 10.9 | |
| * 64 Acenaphthene-d10 | 164 | 6.730 | 6.730 | 0.000 | 95 | 961045 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.762 | 6.762 | 0.000 | 95 | 1374863 | 10.0 | 10.1 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.785 | 6.785 | 0.000 | 97 | 1057482 | 10.0 | 11.2 | |
| 67 2,4-Dinitrophenol | 184 | 6.814 | 6.814 | 0.000 | 95 | 516671 | 20.0 | 23.2 | |
| 68 4-Nitrophenol | 65 | 6.897 | 6.897 | 0.000 | 86 | 530511 | 20.0 | 23.5 | |
| 70 Dibenzofuran | 168 | 6.929 | 6.929 | 0.000 | 97 | 2079066 | 10.0 | 10.2 | |
| 69 2,4-Dinitrotoluene | 165 | 6.935 | 6.935 | 0.000 | 94 | 495318 | 10.0 | 11.2 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.054 | 7.054 | 0.000 | 95 | 396354 | 10.0 | 10.7 | |
| 72 Diethyl phthalate | 149 | 7.191 | 7.191 | 0.000 | 98 | 1545426 | 10.0 | 9.79 | |
| 73 n-Octadecane | 57 | 7.220 | 7.220 | 0.000 | 88 | 907635 | 10.0 | 8.91 | |
| 74 Fluorene | 166 | 7.255 | 7.255 | 0.000 | 94 | 1627511 | 10.0 | 10.3 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.271 | 7.271 | 0.000 | 91 | 724368 | 10.0 | 10.3 | |
| 76 4-Nitroaniline | 138 | 7.294 | 7.294 | 0.000 | 87 | 413817 | 10.0 | 11.9 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.323 | 7.323 | 0.000 | 91 | 608896 | 20.0 | 22.2 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.387 | 7.387 | 0.000 | 84 | 1157687 | 10.0 | 9.93 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.422 | 7.422 | 0.000 | 50 | 1555153 | 10.0 | 9.91 | |
| 131 Azobenzene | 77 | 7.422 | 7.422 | 0.000 | 96 | 1554838 | 10.0 | 9.38 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.483 | 7.483 | 0.000 | 92 | 340565 | 10.0 | 11.3 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.732 | 7.732 | 0.000 | 94 | 432893 | 10.0 | 9.80 | |
| 84 Hexachlorobenzene | 284 | 7.774 | 7.774 | 0.000 | 95 | 546007 | 10.0 | 9.95 | |
| 85 Atrazine | 200 | 7.914 | 7.914 | 0.000 | 94 | 160057 | 4.00 | 4.48 | |
| 86 Pentachlorophenol | 266 | 7.969 | 7.969 | 0.000 | 95 | 734144 | 20.0 | 22.5 | |
| 87 Pentachloronitrobenzene | 237 | 7.982 | 7.982 | 0.000 | 89 | 170783 | 10.0 | 10.1 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.139 | 8.139 | 0.000 | 98 | 1676133 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.161 | 8.161 | 0.000 | 98 | 2213646 | 10.0 | 9.95 | |
| 90 Anthracene | 178 | 8.209 | 8.209 | 0.000 | 98 | 2249784 | 10.0 | 10.1 | |
| 91 Carbazole | 167 | 8.375 | 8.375 | 0.000 | 96 | 2110200 | 10.0 | 10.8 | |
| 92 Di-n-butyl phthalate | 149 | 8.746 | 8.746 | 0.000 | 99 | 2544019 | 10.0 | 11.0 | |
| 93 Fluoranthene | 202 | 9.286 | 9.286 | 0.000 | 97 | 2198649 | 10.0 | 11.1 | |
| 94 Benzidine | 184 | 9.437 | 9.437 | 0.000 | 99 | 767629 | 10.0 | 10.4 | |
| 95 Pyrene | 202 | 9.494 | 9.494 | 0.000 | 96 | 2266830 | 10.0 | 9.43 | |
| 96 Bisphenol-A | 213 | 9.587 | 9.587 | 0.000 | 98 | 812443 | 10.0 | 11.7 | |
| $ 97 Terphenyl-d14 | 244 | 9.677 | 9.677 | 0.000 | 97 | 1801801 | 10.0 | 9.64 | |
| 98 Butyl benzyl phthalate | 149 | 10.169 | 10.169 | 0.000 | 96 | 949249 | 10.0 | 10.5 | |
| 99 2,3,7,8-TCDD | 320 | 10.218 | 10.218 | 0.000 | 92 | 3091 | 0.1000 | 0.1076 | |
| 100 Carbamazepine | 193 | 10.243 | 10.243 | 0.000 | 93 | 692144 | 10.0 | 9.36 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.681 | 10.681 | 0.000 | 99 | 711600 | 10.0 | 10.3 | |
| 102 Benzo[a]anthracene | 228 | 10.681 | 10.681 | 0.000 | 100 | 1898745 | 10.0 | 10.1 | |
| * 103 Chrysene-d12 | 240 | 10.694 | 10.694 | 0.000 | 99 | 1165646 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.720 | 10.720 | 0.000 | 98 | 1793487 | 10.0 | 9.92 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.803 | 10.803 | 0.000 | 85 | 1374819 | 10.0 | 10.6 | |
| 106 Di-n-octyl phthalate | 149 | 11.593 | 11.593 | 0.000 | 96 | 2179199 | 10.0 | 11.9 | |
| 107 Benzo[b]fluoranthene | 252 | 11.964 | 11.964 | 0.000 | 99 | 1713422 | 10.0 | 10.8 | |
| 108 Benzo[k]fluoranthene | 252 | 12.003 | 12.003 | 0.000 | 99 | 1801106 | 10.0 | 10.9 | |
| 109 Benzo[a]pyrene | 252 | 12.383 | 12.383 | 0.000 | 98 | 1564801 | 10.0 | 11.0 | |
| * 110 Perylene-d12 | 264 | 12.460 | 12.460 | 0.000 | 97 | 1147370 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.900 | 13.900 | 0.000 | 98 | 1636475 | 10.0 | 9.22 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.945 | 13.945 | 0.000 | 96 | 1613782 | 10.0 | 9.14 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.252 | 14.252 | 0.000 | 96 | 1543457 | 10.0 | 8.60 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

## Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2025 11:03:38 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348486.D

Injection Date: 08-Mar-2025 11:03:30 Instrument ID: CBNAMS17

Lims ID: CCVIS

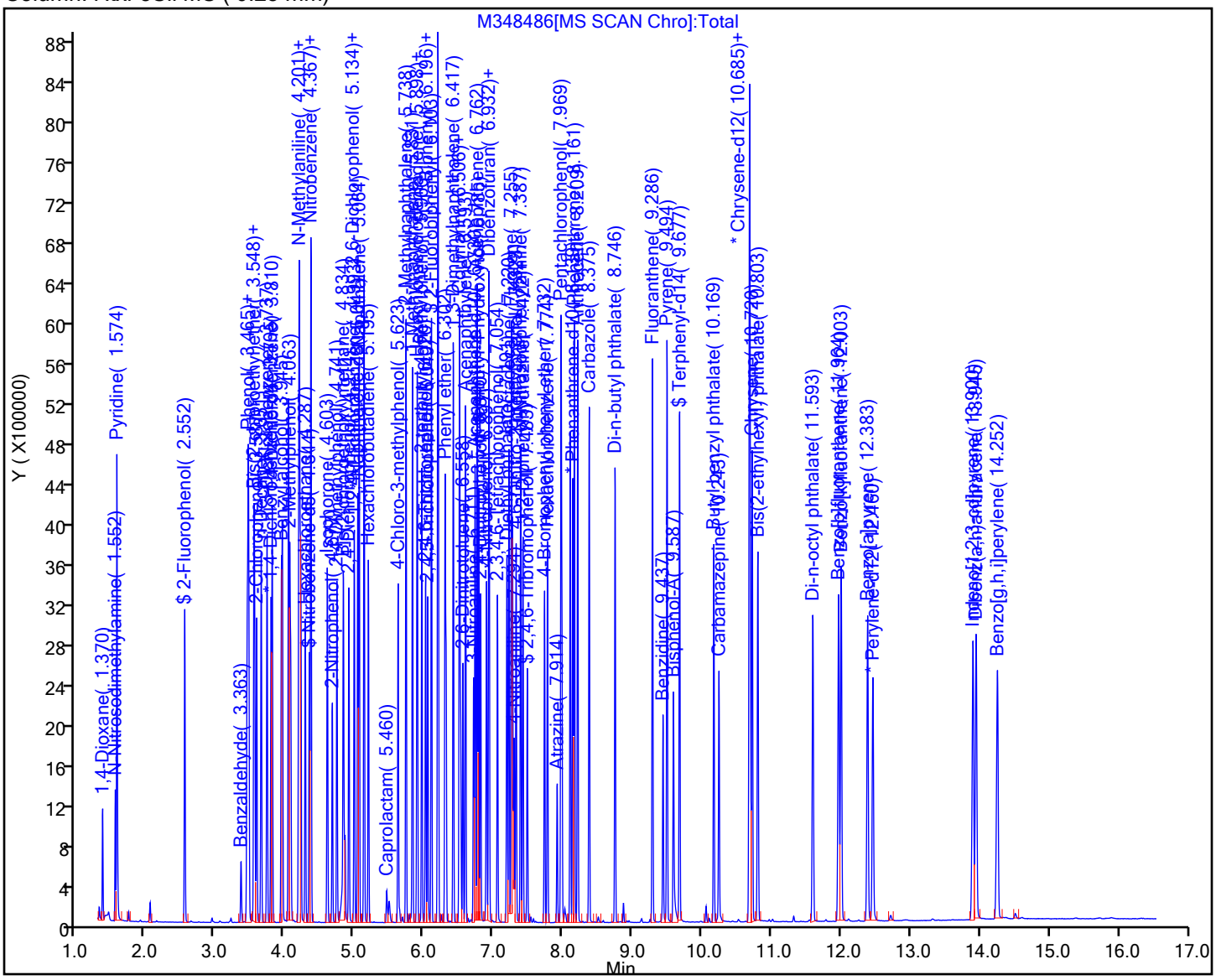
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024950/2 | Calibration Date: 03/09/2025 13:56

Instrument ID: CBNAMS17 | Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 02/28/2025 09:34

Lab File ID: M348521.D | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Ave | 0.5291 | 0.5423 | | 10200 | 10000 | 2.5 | 20.0 |
| N-Nitrosodimethylamine | Ave | 0.8283 | 0.8382 | | 10100 | 10000 | 1.2 | 20.0 |
| Pyridine | Ave | 1.172 | 1.213 | | 20700 | 20000 | 3.5 | 20.0 |
| Benzaldehyde | Ave | 1.088 | 0.5172 | 0.0100 | 1900 | 4000 | -52.5* | 20.0 |
| Phenol | Ave | 1.851 | 1.843 | 0.8000 | 9950 | 10000 | -0.5 | 20.0 |
| Aniline | Ave | 1.932 | 1.986 | | 10300 | 10000 | 2.8 | 20.0 |
| Bis(2-chloroethyl)ether | Ave | 1.347 | 1.349 | 0.7000 | 10000 | 10000 | 0.2 | 20.0 |
| 2-Chlorophenol | Ave | 1.401 | 1.427 | 0.8000 | 10200 | 10000 | 1.9 | 20.0 |
| n-Decane | Ave | 1.094 | 1.065 | | 9740 | 10000 | -2.6 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.534 | 1.551 | | 10100 | 10000 | 1.1 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.536 | 1.581 | | 10300 | 10000 | 2.9 | 20.0 |
| Benzyl alcohol | Ave | 0.8894 | 0.9082 | | 10200 | 10000 | 2.1 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.482 | 1.494 | | 10100 | 10000 | 0.8 | 20.0 |
| 2-Methylphenol | Ave | 1.206 | 1.227 | 0.7000 | 10200 | 10000 | 1.7 | 20.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.500 | 1.406 | 0.0100 | 9370 | 10000 | -6.3 | 20.0 |
| N-Methylaniline | Ave | 1.948 | 2.042 | | 10500 | 10000 | 4.8 | 20.0 |
| Acetophenone | Ave | 1.926 | 1.899 | 0.0100 | 9860 | 10000 | -1.4 | 20.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.9146 | 0.9003 | 0.5000 | 9840 | 10000 | -1.6 | 20.0 |
| 3 & 4 Methylphenol | Ave | 1.310 | 1.295 | | 9890 | 10000 | -1.1 | 20.0 |
| 4-Methylphenol | Ave | 1.302 | 1.282 | 0.6000 | 9850 | 10000 | -1.5 | 20.0 |
| Hexachloroethane | Ave | 0.5706 | 0.5765 | 0.3000 | 10100 | 10000 | 1.0 | 20.0 |
| Nitrobenzene | Ave | 0.6655 | 0.6900 | 0.2000 | 10400 | 10000 | 3.7 | 20.0 |
| n,n'-Dimethylaniline | Ave | 2.082 | 2.062 | | 9910 | 10000 | -0.9 | 20.0 |
| Isophorone | Ave | 0.6329 | 0.6299 | 0.4000 | 9950 | 10000 | -0.5 | 20.0 |
| 2-Nitrophenol | Ave | 0.1912 | 0.1978 | 0.1000 | 10300 | 10000 | 3.5 | 20.0 |
| 2,4-Dimethylphenol | Ave | 0.2585 | 0.2568 | 0.2000 | 9930 | 10000 | -0.7 | 20.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4280 | 0.4233 | 0.3000 | 9890 | 10000 | -1.1 | 20.0 |
| Benzoic acid | Lin2 | | 0.2083 | | 10100 | 10000 | 1.4 | 20.0 |
| 2,4-Dichlorophenol | Ave | 0.2827 | 0.2912 | 0.2000 | 10300 | 10000 | 3.0 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3069 | 0.3150 | | 10300 | 10000 | 2.6 | 20.0 |
| Naphthalene | Ave | 1.063 | 1.075 | 0.7000 | 10100 | 10000 | 1.1 | 20.0 |
| 4-Chloroaniline | Ave | 0.4042 | 0.4287 | 0.0100 | 10600 | 10000 | 6.0 | 20.0 |
| Hexachlorobutadiene | Ave | 0.1625 | 0.1657 | 0.0100 | 10200 | 10000 | 2.0 | 20.0 |
| Caprolactam | Ave | 0.1097 | 0.1239 | 0.0100 | 4520 | 4000 | 12.9 | 20.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2761 | 0.2803 | 0.2000 | 10200 | 10000 | 1.5 | 20.0 |
| 2-Methylnaphthalene | Ave | 0.6957 | 0.6936 | 0.4000 | 9970 | 10000 | -0.3 | 20.0 |
| 1-Methylnaphthalene | Ave | 0.6375 | 0.6312 | | 9900 | 10000 | -1.0 | 20.0 |
| Hexachlorocyclopentadiene | Ave | 0.3445 | 0.3135 | 0.0500 | 9100 | 10000 | -9.0 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.5825 | 0.5878 | 0.0100 | 10100 | 10000 | 0.9 | 20.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.3769 | 0.3880 | | 10300 | 10000 | 2.9 | 20.0 |
| 2,4,6-Trichlorophenol | Ave | 0.3713 | 0.3980 | 0.2000 | 10700 | 10000 | 7.2 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024950/2 | Calibration Date: 03/09/2025 13:56

Instrument ID: CBNAMS17 | Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 02/28/2025 09:34

Lab File ID: M348521.D | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4027 | 0.4152 | 0.2000 | 10300 | 10000 | 3.1 | 20.0 |
| 1,1'-Biphenyl | Ave | 1.581 | 1.619 | 0.0100 | 10200 | 10000 | 2.4 | 20.0 |
| 2-Chloronaphthalene | Ave | 1.229 | 1.242 | 0.8000 | 10100 | 10000 | 1.0 | 20.0 |
| Phenyl ether | Ave | 0.8675 | 0.8524 | | 9830 | 10000 | -1.7 | 20.0 |
| 2-Nitroaniline | Ave | 0.3847 | 0.3911 | 0.0100 | 10200 | 10000 | 1.7 | 20.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.9880 | 0.9612 | | 9730 | 10000 | -2.7 | 20.0 |
| Coumarin | Ave | 0.2232 | 0.2344 | | 10500 | 10000 | 5.0 | 20.0 |
| Dimethyl phthalate | Ave | 1.301 | 1.346 | 0.0100 | 10300 | 10000 | 3.4 | 20.0 |
| 2,6-Dinitrotoluene | Ave | 0.2853 | 0.3106 | 0.2000 | 10900 | 10000 | 8.8 | 20.0 |
| Acenaphthylene | Ave | 1.879 | 1.905 | 0.6000 | 10100 | 10000 | 1.4 | 20.0 |
| 3-Nitroaniline | Ave | 0.3311 | 0.3561 | 0.0100 | 10800 | 10000 | 7.6 | 20.0 |
| Acenaphthene | Ave | 1.133 | 1.135 | 0.9000 | 10000 | 10000 | 0.2 | 20.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.7865 | 0.8694 | | 11100 | 10000 | 10.5 | 20.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.2101 | 0.0100 | 22700 | 20000 | 13.6 | 20.0 |
| 4-Nitrophenol | Ave | 0.1878 | 0.2148 | 0.0100 | 22900 | 20000 | 14.4 | 20.0 |
| Dibenzofuran | Ave | 1.693 | 1.737 | 0.8000 | 10300 | 10000 | 2.6 | 20.0 |
| 2,4-Dinitrotoluene | Ave | 0.3666 | 0.4140 | 0.2000 | 11300 | 10000 | 12.9 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3094 | 0.3293 | 0.0100 | 10600 | 10000 | 6.4 | 20.0 |
| Diethyl phthalate | Ave | 1.314 | 1.303 | 0.0100 | 9910 | 10000 | -0.9 | 20.0 |
| n-Octadecane | Ave | 0.4863 | 0.4485 | | 9220 | 10000 | -7.8 | 20.0 |
| Fluorene | Ave | 1.312 | 1.350 | 0.9000 | 10300 | 10000 | 2.9 | 20.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.5865 | 0.5919 | 0.4000 | 10100 | 10000 | 0.9 | 20.0 |
| 4-Nitroaniline | Ave | 0.2898 | 0.3430 | 0.0100 | 11800 | 10000 | 18.4 | 20.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1308 | 0.1447 | 0.0100 | 22100 | 20000 | 10.6 | 20.0 |
| N-Nitrosodiphenylamine | Ave | 0.5563 | 0.5452 | 0.0100 | 9800 | 10000 | -2.0 | 20.0 |
| 1,2-Diphenylhydrazine | Ave | 0.7491 | 0.7640 | | 10200 | 10000 | 2.0 | 20.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2109 | 0.2128 | 0.1000 | 10100 | 10000 | 0.9 | 20.0 |
| Hexachlorobenzene | Ave | 0.2619 | 0.2588 | 0.1000 | 9880 | 10000 | -1.2 | 20.0 |
| Atrazine | Ave | 0.1705 | 0.1924 | 0.0100 | 4510 | 4000 | 12.8 | 20.0 |
| Pentachlorophenol | Ave | 0.1558 | 0.1674 | 0.0500 | 21500 | 20000 | 7.4 | 20.0 |
| Pentachloronitrobenzene | Ave | 0.0811 | 0.0806 | 0.0100 | 9940 | 10000 | -0.6 | 20.0 |
| Phenanthrene | Ave | 1.062 | 1.062 | 0.7000 | 10000 | 10000 | 0.0 | 20.0 |
| Anthracene | Ave | 1.066 | 1.081 | 0.7000 | 10100 | 10000 | 1.4 | 20.0 |
| Carbazole | Ave | 0.9293 | 0.9940 | 0.0100 | 10700 | 10000 | 7.0 | 20.0 |
| Di-n-butyl phthalate | Ave | 1.102 | 1.197 | 0.0100 | 10900 | 10000 | 8.6 | 20.0 |
| Fluoranthene | Ave | 0.9479 | 1.038 | 0.6000 | 10900 | 10000 | 9.5 | 20.0 |
| Benzidine | Ave | 0.3535 | 0.3780 | | 10700 | 10000 | 6.9 | 20.0 |
| Pyrene | Ave | 1.651 | 1.562 | 0.6000 | 9460 | 10000 | -5.4 | 20.0 |
| Bisphenol-A | Ave | 0.4748 | 0.5367 | | 11300 | 10000 | 13.0 | 20.0 |
| Butyl benzyl phthalate | Ave | 0.6187 | 0.6638 | 0.0100 | 10700 | 10000 | 7.3 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Lab Sample ID: CCVIS 460-1024950/2 Calibration Date: 03/09/2025 13:56

Instrument ID: CBNAMS17 Calib Start Date: 02/28/2025 06:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/28/2025 09:34

Lab File ID: M348521.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD | Ave | 0.1971 | 0.2195 | | 111 | 100 | 11.3 | 20.0 |
| Carbamazepine | Lin1 | | 0.4982 | | 9780 | 10000 | -2.2 | 20.0 |
| 3,3'-Dichlorobenzidine | Lin2 | | 0.5000 | 0.0100 | 10600 | 10000 | 5.5 | 20.0 |
| Benzo[a]anthracene | Ave | 1.285 | 1.317 | 0.8000 | 10200 | 10000 | 2.5 | 20.0 |
| Chrysene | Ave | 1.240 | 1.273 | 0.7000 | 10300 | 10000 | 2.6 | 20.0 |
| Bis(2-ethylhexyl) phthalate | Lin2 | | 0.9616 | 0.0100 | 10800 | 10000 | 8.4 | 20.0 |
| Di-n-octyl phthalate | Ave | 1.272 | 1.441 | 0.0100 | 11300 | 10000 | 13.3 | 20.0 |
| Benzo[b]fluoranthene | Ave | 1.102 | 1.183 | | 10700 | 10000 | 7.3 | 20.0 |
| Benzo[k]fluoranthene | Ave | 1.157 | 1.203 | 0.7000 | 10400 | 10000 | 3.9 | 20.0 |
| Benzo[a]pyrene | Ave | 0.9905 | 1.072 | 0.7000 | 10800 | 10000 | 8.3 | 20.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 1.238 | 1.205 | 0.5000 | 9730 | 10000 | -2.7 | 20.0 |
| Dibenz(a,h)anthracene | Ave | 1.231 | 1.181 | 0.4000 | 9600 | 10000 | -4.0 | 20.0 |
| Benzo[g,h,i]perylene | Ave | 1.251 | 1.151 | 0.5000 | 9200 | 10000 | -8.0 | 20.0 |
| Nitrobenzene-d5 (Surr) | Ave | 0.3803 | 0.3900 | | 10300 | 10000 | 2.6 | 20.0 |
| 2-Fluorobiphenyl | Ave | 1.519 | 1.522 | | 10000 | 10000 | 0.2 | 20.0 |
| Terphenyl-d14 (Surr) | Ave | 1.283 | 1.240 | | 9660 | 10000 | -3.4 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348521.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Mar-2025 13:56:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 14:33:25 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 14:33:25

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.363 | 1.363 | 0.000 | 90 | 307323 | 10.0 | 10.2 | |
| 2 N-Nitrosodimethylamine | 74 | 1.545 | 1.545 | 0.000 | 99 | 475004 | 10.0 | 10.1 | |
| 3 Pyridine | 79 | 1.568 | 1.568 | 0.000 | 98 | 1374467 | 20.0 | 20.7 | |
| $ 4 2-Fluorophenol | 112 | 2.545 | 2.545 | 0.000 | 97 | 795194 | 10.0 | 10.6 | |
| 5 Benzaldehyde | 77 | 3.357 | 3.357 | 0.000 | 96 | 117231 | 4.00 | 1.90 | |
| $ 6 Phenol-d5 | 99 | 3.443 | 3.443 | 0.000 | 0 | 1016982 | 10.0 | 10.5 | |
| 7 Phenol | 94 | 3.456 | 3.456 | 0.000 | 97 | 1044192 | 10.0 | 9.95 | |
| 8 Aniline | 93 | 3.466 | 3.466 | 0.000 | 98 | 1125266 | 10.0 | 10.3 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.539 | 3.539 | 0.000 | 99 | 764480 | 10.0 | 10.0 | |
| 10 Benzonitrile | 103 | 3.549 | 3.549 | 0.000 | 97 | 1496963 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.581 | 3.581 | 0.000 | 99 | 808659 | 10.0 | 10.2 | |
| 13 n-Decane | 43 | 3.648 | 3.648 | 0.000 | 86 | 603600 | 10.0 | 9.74 | |
| 14 1,3-Dichlorobenzene | 146 | 3.731 | 3.731 | 0.000 | 97 | 879110 | 10.0 | 10.1 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.789 | 3.789 | 0.000 | 94 | 453352 | 8.00 | 8.00 | |
| 16 1,4-Dichlorobenzene | 146 | 3.805 | 3.805 | 0.000 | 95 | 895973 | 10.0 | 10.3 | |
| 17 Benzyl alcohol | 108 | 3.936 | 3.936 | 0.000 | 96 | 514650 | 10.0 | 10.2 | |
| 19 1,2-Dichlorobenzene | 146 | 3.952 | 3.952 | 0.000 | 98 | 846846 | 10.0 | 10.1 | |
| 20 2-Methylphenol | 108 | 4.057 | 4.057 | 0.000 | 93 | 695087 | 10.0 | 10.2 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.070 | 4.070 | 0.000 | 94 | 796792 | 10.0 | 9.37 | |
| 24 N-Methylaniline | 106 | 4.188 | 4.188 | 0.000 | 98 | 1157089 | 10.0 | 10.5 | |
| 26 Acetophenone | 105 | 4.195 | 4.195 | 0.000 | 93 | 1076348 | 10.0 | 9.86 | |
| 25 N-Nitrosodi-n-propylamine | 70 | 4.204 | 4.204 | 0.000 | 84 | 510197 | 10.0 | 9.84 | |
| 22 4-Methylphenol | 108 | 4.214 | 4.214 | 0.000 | 94 | 726605 | 10.0 | 9.85 | |
| 23 3 & 4 Methylphenol | 108 | 4.214 | 4.214 | 0.000 | 0 | 733927 | 10.0 | 9.89 | |
| 27 Hexachloroethane | 117 | 4.281 | 4.281 | 0.000 | 97 | 326716 | 10.0 | 10.1 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.339 | 4.339 | 0.000 | 90 | 821420 | 10.0 | 10.3 | |
| 29 Nitrobenzene | 123 | 4.358 | 4.358 | 0.000 | 99 | 391035 | 10.0 | 10.4 | |
| 30 n,n'-Dimethylaniline | 120 | 4.364 | 4.364 | 0.000 | 94 | 1168780 | 10.0 | 9.91 | |
| 31 Isophorone | 82 | 4.598 | 4.598 | 0.000 | 98 | 1326575 | 10.0 | 9.95 | |
| 32 2-Nitrophenol | 139 | 4.671 | 4.671 | 0.000 | 96 | 416662 | 10.0 | 10.3 | |
| 33 2,4-Dimethylphenol | 122 | 4.735 | 4.735 | 0.000 | 93 | 540810 | 10.0 | 9.93 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.831 | 4.831 | 0.000 | 97 | 891472 | 10.0 | 9.89 | |
| 34 Benzoic acid | 122 | 4.847 | 4.847 | 0.000 | 86 | 438613 | 10.0 | 10.1 | |
| 36 2,4-Dichlorophenol | 162 | 4.908 | 4.908 | 0.000 | 98 | 613213 | 10.0 | 10.3 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.988 | 4.988 | 0.000 | 94 | 663449 | 10.0 | 10.3 | |
| * 38 Naphthalene-d8 | 136 | 5.036 | 5.036 | 0.000 | 99 | 1684852 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.058 | 5.058 | 0.000 | 99 | 2263116 | 10.0 | 10.1 | |
| 40 4-Chloroaniline | 127 | 5.129 | 5.129 | 0.000 | 98 | 902782 | 10.0 | 10.6 | |
| 41 2,6-Dichlorophenol | 162 | 5.129 | 5.129 | 0.000 | 98 | 602863 | 10.0 | 10.1 | |
| 42 Hexachlorobutadiene | 225 | 5.189 | 5.189 | 0.000 | 97 | 349014 | 10.0 | 10.2 | |
| 44 Caprolactam | 55 | 5.448 | 5.448 | 0.000 | 93 | 104375 | 4.00 | 4.52 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.618 | 5.618 | 0.000 | 95 | 590426 | 10.0 | 10.2 | |
| 46 2-Methylnaphthalene | 142 | 5.733 | 5.733 | 0.000 | 85 | 1460864 | 10.0 | 9.97 | |
| 47 1-Methylnaphthalene | 142 | 5.826 | 5.826 | 0.000 | 92 | 1329383 | 10.0 | 9.90 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.890 | 5.890 | 0.000 | 97 | 329543 | 10.0 | 9.10 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.896 | 5.896 | 0.000 | 98 | 617967 | 10.0 | 10.1 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.960 | 5.960 | 0.000 | 91 | 817093 | 10.0 | 10.3 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.014 | 6.014 | 0.000 | 91 | 418449 | 10.0 | 10.7 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.046 | 6.046 | 0.000 | 97 | 436518 | 10.0 | 10.3 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.098 | 6.098 | 0.000 | 97 | 1600237 | 10.0 | 10.0 | |
| 54 1,1'-Biphenyl | 154 | 6.191 | 6.191 | 0.000 | 96 | 1702363 | 10.0 | 10.2 | |
| 55 2-Chloronaphthalene | 162 | 6.197 | 6.197 | 0.000 | 98 | 1305455 | 10.0 | 10.1 | |
| 56 Phenyl ether | 170 | 6.296 | 6.296 | 0.000 | 86 | 896184 | 10.0 | 9.83 | |
| 57 2-Nitroaniline | 65 | 6.309 | 6.309 | 0.000 | 96 | 411173 | 10.0 | 10.2 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.414 | 6.414 | 0.000 | 92 | 1010597 | 10.0 | 9.73 | |
| 60 Coumarin | 146 | 6.501 | 6.501 | 0.000 | 82 | 493740 | 10.0 | 10.5 | |
| 59 Dimethyl phthalate | 163 | 6.504 | 6.504 | 0.000 | 99 | 1414919 | 10.0 | 10.3 | |
| 61 2,6-Dinitrotoluene | 165 | 6.552 | 6.552 | 0.000 | 96 | 326505 | 10.0 | 10.9 | |
| 62 Acenaphthylene | 152 | 6.590 | 6.590 | 0.000 | 98 | 2002363 | 10.0 | 10.1 | |
| 63 3-Nitroaniline | 138 | 6.706 | 6.706 | 0.000 | 96 | 374419 | 10.0 | 10.8 | |
| * 64 Acenaphthene-d10 | 164 | 6.728 | 6.728 | 0.000 | 95 | 841072 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.757 | 6.757 | 0.000 | 96 | 1193326 | 10.0 | 10.0 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.779 | 6.779 | 0.000 | 97 | 914022 | 10.0 | 11.1 | |
| 67 2,4-Dinitrophenol | 184 | 6.808 | 6.808 | 0.000 | 95 | 441728 | 20.0 | 22.7 | |
| 68 4-Nitrophenol | 65 | 6.888 | 6.888 | 0.000 | 86 | 451707 | 20.0 | 22.9 | |
| 70 Dibenzofuran | 168 | 6.923 | 6.923 | 0.000 | 97 | 1826499 | 10.0 | 10.3 | |
| 69 2,4-Dinitrotoluene | 165 | 6.930 | 6.930 | 0.000 | 96 | 435207 | 10.0 | 11.3 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.048 | 7.048 | 0.000 | 95 | 346181 | 10.0 | 10.6 | |
| 72 Diethyl phthalate | 149 | 7.186 | 7.186 | 0.000 | 99 | 1369763 | 10.0 | 9.91 | |
| 73 n-Octadecane | 57 | 7.215 | 7.215 | 0.000 | 88 | 822632 | 10.0 | 9.22 | |
| 74 Fluorene | 166 | 7.250 | 7.250 | 0.000 | 94 | 1419696 | 10.0 | 10.3 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.266 | 7.266 | 0.000 | 90 | 622241 | 10.0 | 10.1 | |
| 76 4-Nitroaniline | 138 | 7.288 | 7.288 | 0.000 | 88 | 360593 | 10.0 | 11.8 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.317 | 7.317 | 0.000 | 91 | 530783 | 20.0 | 22.1 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.381 | 7.381 | 0.000 | 90 | 1000156 | 10.0 | 9.80 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.416 | 7.416 | 0.000 | 50 | 1401420 | 10.0 | 10.2 | |
| 131 Azobenzene | 77 | 7.416 | 7.416 | 0.000 | 96 | 1402283 | 10.0 | 9.66 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.477 | 7.477 | 0.000 | 91 | 295148 | 10.0 | 11.2 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.727 | 7.727 | 0.000 | 95 | 390339 | 10.0 | 10.1 | |
| 84 Hexachlorobenzene | 284 | 7.768 | 7.768 | 0.000 | 95 | 474781 | 10.0 | 9.88 | |
| 85 Atrazine | 200 | 7.909 | 7.909 | 0.000 | 93 | 141144 | 4.00 | 4.51 | |
| 86 Pentachlorophenol | 266 | 7.964 | 7.964 | 0.000 | 95 | 614094 | 20.0 | 21.5 | |
| 87 Pentachloronitrobenzene | 237 | 7.976 | 7.976 | 0.000 | 90 | 147871 | 10.0 | 9.94 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.133 | 8.133 | 0.000 | 98 | 1467467 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.156 | 8.156 | 0.000 | 98 | 1948243 | 10.0 | 10.0 | |
| 90 Anthracene | 178 | 8.204 | 8.204 | 0.000 | 98 | 1982803 | 10.0 | 10.1 | |
| 91 Carbazole | 167 | 8.370 | 8.370 | 0.000 | 96 | 1823350 | 10.0 | 10.7 | |
| 92 Di-n-butyl phthalate | 149 | 8.744 | 8.744 | 0.000 | 99 | 2196171 | 10.0 | 10.9 | |
| 93 Fluoranthene | 202 | 9.281 | 9.281 | 0.000 | 97 | 1903480 | 10.0 | 10.9 | |
| 94 Benzidine | 184 | 9.431 | 9.431 | 0.000 | 100 | 693412 | 10.0 | 10.7 | |
| 95 Pyrene | 202 | 9.489 | 9.489 | 0.000 | 96 | 1983850 | 10.0 | 9.46 | |
| 96 Bisphenol-A | 213 | 9.582 | 9.582 | 0.000 | 98 | 681772 | 10.0 | 11.3 | |
| $ 97 Terphenyl-d14 | 244 | 9.672 | 9.672 | 0.000 | 97 | 1574692 | 10.0 | 9.66 | |
| 98 Butyl benzyl phthalate | 149 | 10.164 | 10.164 | 0.000 | 96 | 843219 | 10.0 | 10.7 | |
| 99 2,3,7,8-TCDD | 320 | 10.212 | 10.212 | 0.000 | 91 | 2788 | 0.1000 | 0.1113 | |
| 100 Carbamazepine | 193 | 10.238 | 10.238 | 0.000 | 93 | 632916 | 10.0 | 9.78 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.676 | 10.676 | 0.000 | 99 | 635169 | 10.0 | 10.6 | |
| 102 Benzo[a]anthracene | 228 | 10.676 | 10.676 | 0.000 | 100 | 1672839 | 10.0 | 10.2 | |
| * 103 Chrysene-d12 | 240 | 10.686 | 10.686 | 0.000 | 99 | 1016257 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.715 | 10.715 | 0.000 | 98 | 1617273 | 10.0 | 10.3 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.798 | 10.798 | 0.000 | 85 | 1221502 | 10.0 | 10.8 | |
| 106 Di-n-octyl phthalate | 149 | 11.588 | 11.588 | 0.000 | 96 | 1966155 | 10.0 | 11.3 | |
| 107 Benzo[b]fluoranthene | 252 | 11.959 | 11.959 | 0.000 | 98 | 1613579 | 10.0 | 10.7 | |
| 108 Benzo[k]fluoranthene | 252 | 11.994 | 11.994 | 0.000 | 99 | 1641057 | 10.0 | 10.4 | |
| 109 Benzo[a]pyrene | 252 | 12.375 | 12.375 | 0.000 | 96 | 1463037 | 10.0 | 10.8 | |
| * 110 Perylene-d12 | 264 | 12.452 | 12.452 | 0.000 | 97 | 1091503 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.891 | 13.891 | 0.000 | 98 | 1644215 | 10.0 | 9.73 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.939 | 13.939 | 0.000 | 97 | 1611916 | 10.0 | 9.60 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.243 | 14.243 | 0.000 | 95 | 1570361 | 10.0 | 9.20 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

## Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 10-Mar-2025 14:33:26 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348521.D

Injection Date: 09-Mar-2025 13:56:30 Instrument ID: CBNAMS17

Lims ID: CCVIS

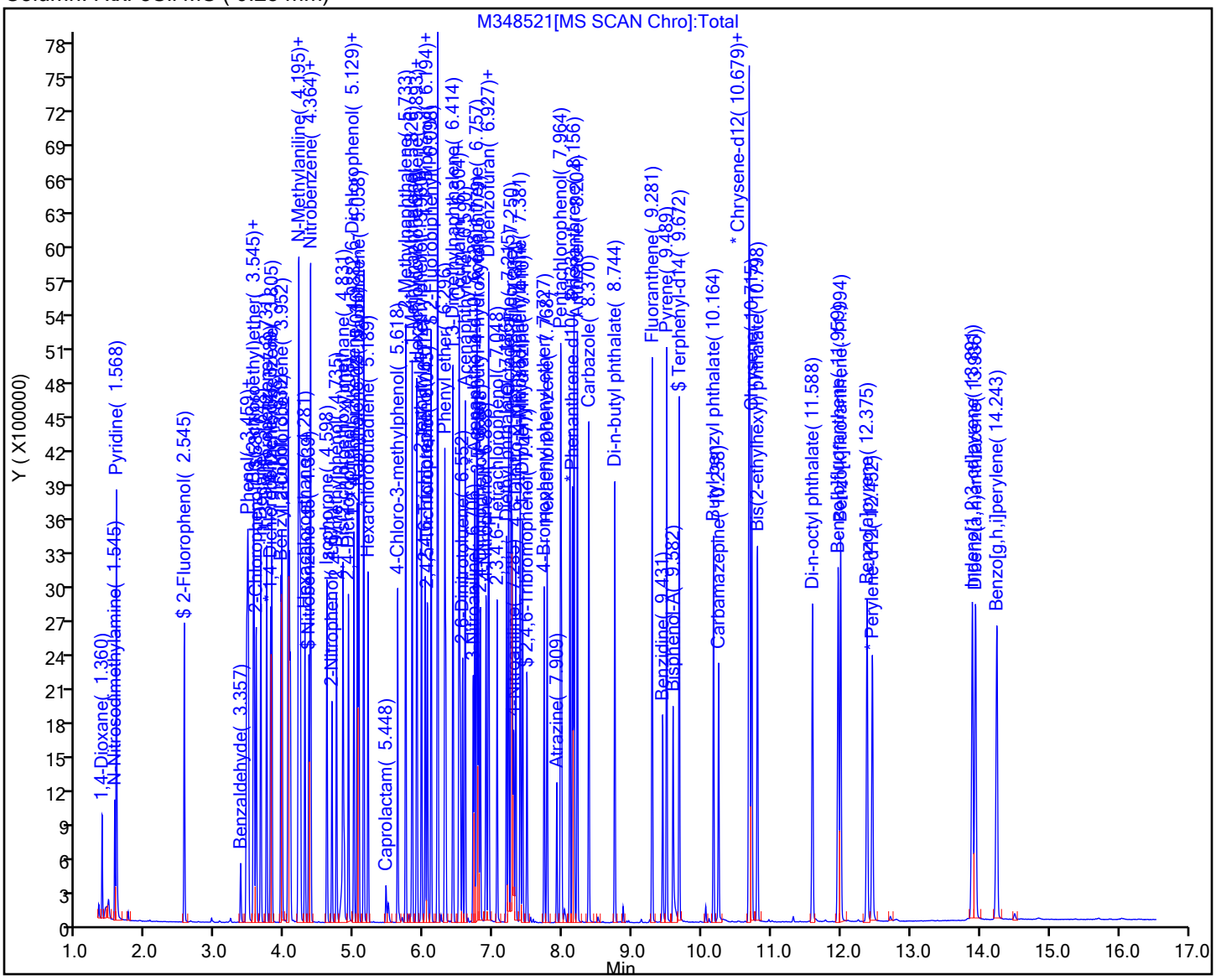
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 28-Feb-2025 06:09:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187398-001
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 28-Feb-2025 11:46:35 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1708

First Level Reviewer: G4KC Date: 28-Feb-2025 11:46:35

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 18 Pentachlorophenol_T | 266 | 3.944 | 3.944 | 0.000 | 94 | 423457 | NR | NR | |
| 43 Benzidine_T | 184 | 5.232 | 5.232 | 0.000 | 99 | 1970264 | NR | NR | |
| 123 DFTPP | | | | | | | | | |
| 124 4,4'-DDE | 246 | 5.385 | 5.385 | 0.000 | 93 | 3824 | | NR | |
| 125 4,4'-DDD | 235 | 5.775 | 5.775 | 0.000 | 94 | 2741 | | NR | |
| 126 4,4'-DDT | 235 | 5.894 | 5.894 | 0.000 | 98 | 1092213 | NR | NR | |

## QC Flag Legend

Processing Flags
NR - Missing Quant Standard

## Reagents:

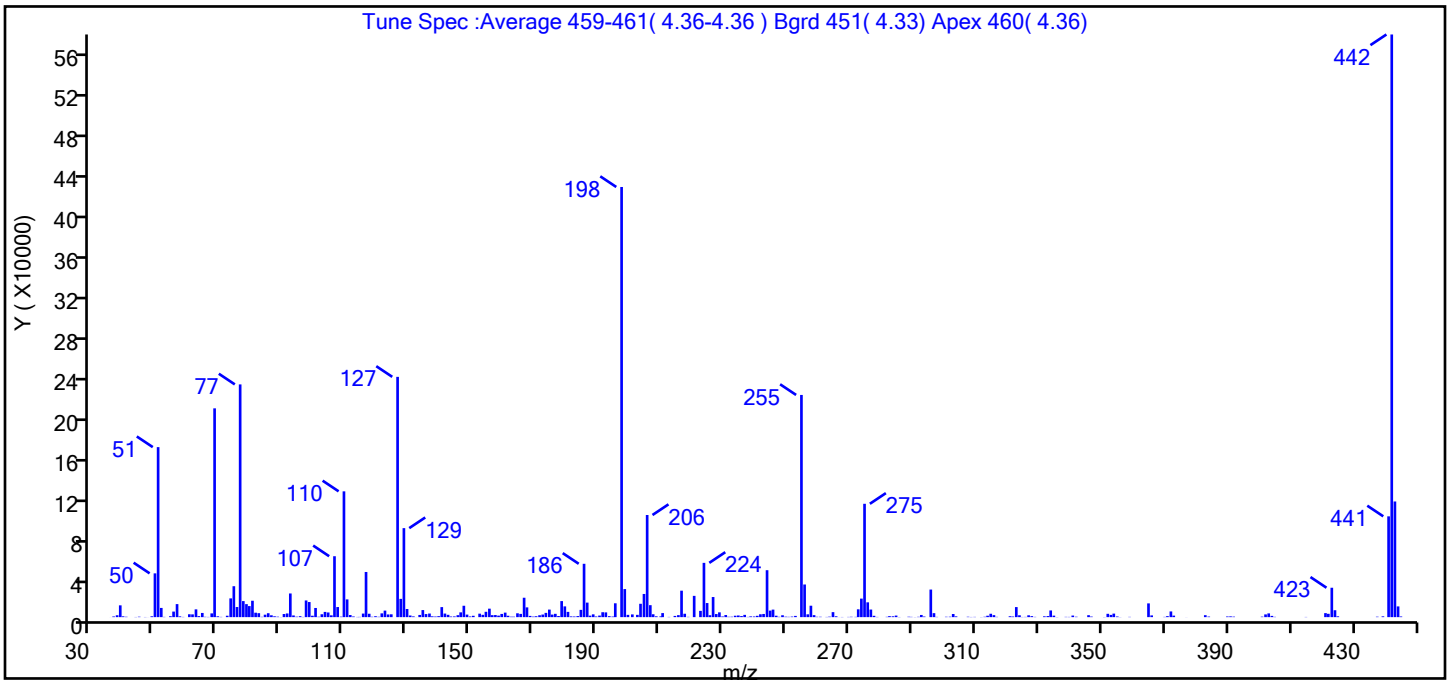
SMDFTP_CH_00037 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D
Injection Date: 28-Feb-2025 06:09:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

123 DFTPP




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 198 | Base peak or present | 100.0 |
| 68 | <2% of m/z 69 | 0.9 (1.8) |
| 69 | Present | 48.5 |
| 70 | <2% of m/z 69 | 0.2 (0.4) |
| 197 | <2% of m/z 198 | 0.0 |
| 199 | 5-9% of m/z 198 | 6.5 |
| 365 | >1% of m/z 198 | 3.2 |
| 441 | <150% of m/z 443 | 23.4 (87.2) |
| 442 | Present | 135.5 |
| 443 | 15-24% of m/z 442 | 26.9 (19.9) |

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D\8270LVI_17.rslt\spectra.d
Injection Date: 28-Feb-2025 06:09:30
Spectrum: Tune Spec :Average 459-461( 4.36-4.36 ) Bgrd 451( 4.33) Apex 460( 4.36)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 312

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 33 | 120.00 | 913 | 201.00 | 2690 | 290.00 | 274 |
| 37.00 | 671 | 121.00 | 357 | 203.00 | 2262 | 291.00 | 114 |
| 38.00 | 1849 | 122.00 | 3727 | 204.00 | 13142 | 292.00 | 336 |
| 39.00 | 11605 | 123.00 | 6422 | 205.00 | 22808 | 293.00 | 2145 |
| 40.00 | 806 | 124.00 | 2641 | 206.00 | 100472 | 294.00 | 578 |
| 41.00 | 384 | 125.00 | 2796 | 207.00 | 11769 | 296.00 | 27136 |
| 44.00 | 167 | 127.00 | 236352 | 208.00 | 2840 | 297.00 | 3925 |
| 45.00 | 434 | 128.00 | 17976 | 209.00 | 799 | 298.00 | 251 |
| 47.00 | 157 | 129.00 | 87552 | 210.00 | 747 | 301.00 | 374 |
| 48.00 | 44 | 130.00 | 8012 | 211.00 | 3993 | 302.00 | 431 |
| 49.00 | 837 | 131.00 | 1608 | 213.00 | 218 | 303.00 | 3088 |
| 50.00 | 43064 | 132.00 | 725 | 215.00 | 1201 | 304.00 | 752 |
| 51.00 | 167232 | 133.00 | 48 | 216.00 | 1957 | 308.00 | 394 |
| 52.00 | 9066 | 134.00 | 2156 | 217.00 | 26032 | 309.00 | 179 |
| 53.00 | 249 | 135.00 | 6956 | 218.00 | 3340 | 310.00 | 247 |
| 55.00 | 927 | 136.00 | 3033 | 219.00 | 277 | 312.00 | 123 |
| 56.00 | 5474 | 137.00 | 3545 | 221.00 | 20928 | 313.00 | 373 |
| 57.00 | 12821 | 138.00 | 782 | 223.00 | 6156 | 314.00 | 1391 |
| 58.00 | 754 | 139.00 | 583 | 224.00 | 53400 | 315.00 | 3324 |
| 59.00 | 208 | 140.00 | 963 | 225.00 | 13871 | 316.00 | 1961 |
| 61.00 | 2836 | 141.00 | 9867 | 226.00 | 1890 | 317.00 | 280 |
| 62.00 | 2723 | 142.00 | 3513 | 227.00 | 19784 | 321.00 | 861 |
| 63.00 | 7666 | 143.00 | 2287 | 228.00 | 3041 | 322.00 | 600 |
| 64.00 | 1000 | 144.00 | 623 | 229.00 | 4711 | 323.00 | 9896 |
| 65.00 | 4118 | 145.00 | 700 | 230.00 | 636 | 324.00 | 1831 |
| 66.00 | 330 | 146.00 | 1930 | 231.00 | 2069 | 325.00 | 174 |
| 67.00 | 216 | 147.00 | 4708 | 232.00 | 375 | 326.00 | 237 |
| 68.00 | 3694 | 148.00 | 11199 | 233.00 | 432 | 327.00 | 1806 |
| 69.00 | 205376 | 149.00 | 2497 | 234.00 | 1398 | 328.00 | 987 |
| 70.00 | 833 | 150.00 | 683 | 235.00 | 1625 | 329.00 | 254 |
| 71.00 | 244 | 151.00 | 1336 | 236.00 | 1034 | 332.00 | 803 |
| 73.00 | 1386 | 153.00 | 3413 | 237.00 | 2236 | 333.00 | 1061 |
| 74.00 | 18456 | 154.00 | 2277 | 238.00 | 233 | 334.00 | 6573 |

Report Date: 28-Feb-2025 11:46:36 Chrom Revision: 2.3 18-Feb-2025 08:41:40
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D\8270LVI_17.rslt\spectra.d
Injection Date: 28-Feb-2025 06:09:30
Spectrum: Tune Spec :Average 459-461( 4.36-4.36 ) Bgrd 451( 4.33) Apex 460( 4.36)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 312

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 75.00 | 30424 | 155.00 | 5260 | 239.00 | 747 | 335.00 | 1472 |
| 76.00 | 9950 | 156.00 | 8338 | 240.00 | 638 | 336.00 | 137 |
| 77.00 | 228928 | 157.00 | 1942 | 241.00 | 1304 | 339.00 | 274 |
| 78.00 | 15784 | 158.00 | 2064 | 242.00 | 2834 | 340.00 | 235 |
| 79.00 | 12792 | 159.00 | 1493 | 243.00 | 3125 | 341.00 | 1559 |
| 80.00 | 10869 | 160.00 | 3159 | 244.00 | 46176 | 342.00 | 413 |
| 81.00 | 16127 | 161.00 | 4443 | 245.00 | 6438 | 346.00 | 1919 |
| 82.00 | 4363 | 162.00 | 1366 | 246.00 | 7402 | 347.00 | 559 |
| 83.00 | 3898 | 163.00 | 454 | 247.00 | 1401 | 351.00 | 140 |
| 84.00 | 310 | 164.00 | 452 | 248.00 | 319 | 352.00 | 3288 |
| 85.00 | 2417 | 165.00 | 3792 | 249.00 | 1854 | 353.00 | 2205 |
| 86.00 | 3863 | 166.00 | 3198 | 250.00 | 449 | 354.00 | 3479 |
| 87.00 | 1822 | 167.00 | 19088 | 251.00 | 314 | 355.00 | 629 |
| 88.00 | 811 | 168.00 | 9597 | 252.00 | 554 | 356.00 | 110 |
| 89.00 | 452 | 169.00 | 1220 | 253.00 | 1220 | 359.00 | 263 |
| 90.00 | 109 | 170.00 | 518 | 255.00 | 218560 | 365.00 | 13533 |
| 91.00 | 3092 | 171.00 | 887 | 256.00 | 32120 | 366.00 | 1711 |
| 92.00 | 3626 | 172.00 | 1860 | 257.00 | 2775 | 370.00 | 244 |
| 93.00 | 23288 | 173.00 | 2542 | 258.00 | 11241 | 371.00 | 994 |
| 94.00 | 1661 | 174.00 | 4201 | 259.00 | 1962 | 372.00 | 5614 |
| 95.00 | 467 | 175.00 | 7431 | 260.00 | 354 | 373.00 | 1489 |
| 96.00 | 937 | 176.00 | 2517 | 261.00 | 365 | 377.00 | 56 |
| 97.00 | 203 | 177.00 | 3260 | 263.00 | 200 | 383.00 | 1922 |
| 98.00 | 16408 | 178.00 | 1098 | 264.00 | 472 | 384.00 | 568 |
| 99.00 | 14851 | 179.00 | 15788 | 265.00 | 4915 | 390.00 | 646 |
| 100.00 | 1382 | 180.00 | 10587 | 266.00 | 831 | 391.00 | 760 |
| 101.00 | 9019 | 181.00 | 5178 | 267.00 | 47 | 392.00 | 495 |
| 102.00 | 386 | 182.00 | 720 | 268.00 | 170 | 401.00 | 485 |
| 103.00 | 2845 | 183.00 | 619 | 270.00 | 222 | 402.00 | 2692 |
| 104.00 | 5154 | 184.00 | 1033 | 271.00 | 360 | 403.00 | 3687 |
| 105.00 | 4585 | 185.00 | 7156 | 272.00 | 267 | 404.00 | 1237 |
| 106.00 | 1765 | 186.00 | 52480 | 273.00 | 7707 | 405.00 | 284 |
| 107.00 | 59920 | 187.00 | 14296 | 274.00 | 18232 | 415.00 | 195 |
| 108.00 | 9934 | 188.00 | 1464 | 275.00 | 111496 | 421.00 | 3955 |

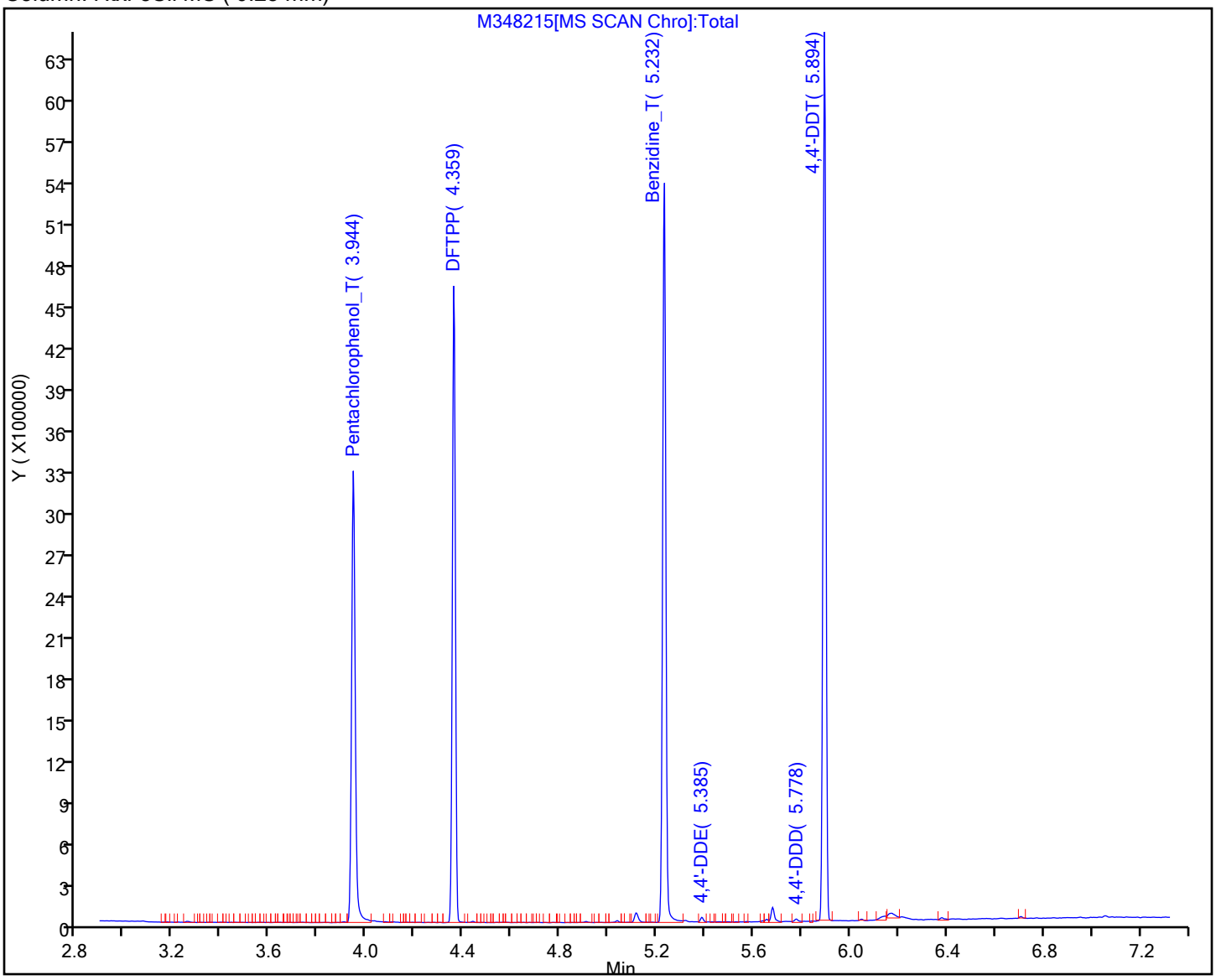
Report Date: 28-Feb-2025 11:46:36 Chrom Revision: 2.3 18-Feb-2025 08:41:40
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D\8270LVI_17.rslt\spectra.d
Injection Date: 28-Feb-2025 06:09:30
Spectrum: Tune Spec :Average 459-461( 4.36-4.36 ) Bgrd 451( 4.33) Apex 460( 4.36)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 312

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 109.00 | 470 | 189.00 | 2749 | 276.00 | 14566 | 422.00 | 3282 |
| 110.00 | 123736 | 190.00 | 632 | 277.00 | 7470 | 423.00 | 28928 |
| 111.00 | 17456 | 191.00 | 1541 | 278.00 | 1317 | 424.00 | 6798 |
| 112.00 | 2081 | 192.00 | 4838 | 279.00 | 219 | 425.00 | 798 |
| 113.00 | 642 | 193.00 | 4681 | 281.00 | 3 | 437.00 | 440 |
| 114.00 | 193 | 194.00 | 962 | 282.00 | 305 | 439.00 | 780 |
| 115.00 | 244 | 195.00 | 571 | 283.00 | 994 | 441.00 | 99152 |
| 116.00 | 3507 | 196.00 | 13628 | 284.00 | 833 | 442.00 | 573120 |
| 117.00 | 44424 | 198.00 | 423104 | 285.00 | 1546 | 443.00 | 113768 |
| 118.00 | 3341 | 199.00 | 27608 | 286.00 | 156 | 444.00 | 10558 |
| 119.00 | 378 | 200.00 | 2248 | 289.00 | 401 | 445.00 | 649 |

Report Date: 28-Feb-2025 11:46:36 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D
Injection Date: 28-Feb-2025 06:09:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D
Injection Date: 28-Feb-2025 06:09:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

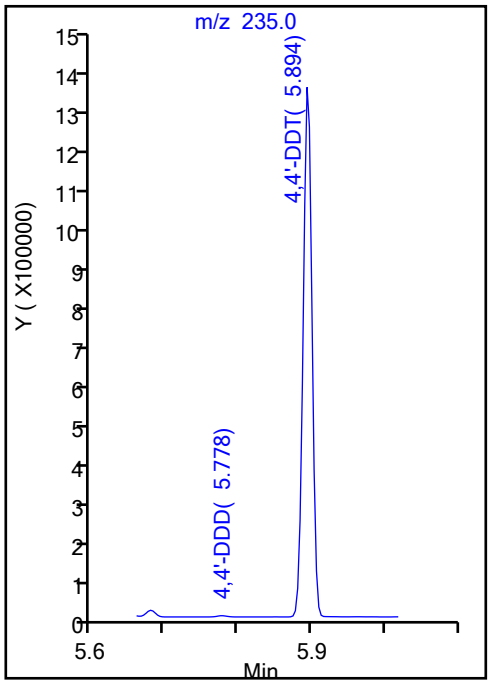
126 4,4'-DDT, Detector: MS SCAN

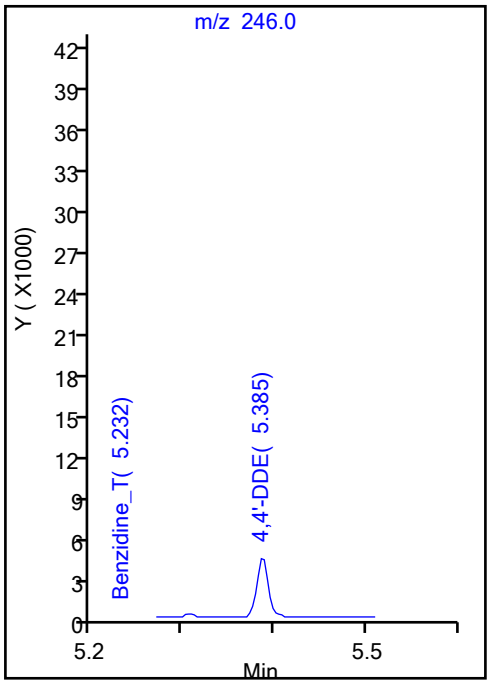
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

126 4,4'-DDT, Area = 1092213
125 4,4'-DDD, Area = 2741
124 4,4'-DDE, Area = 3824

%Breakdown: 0.60%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

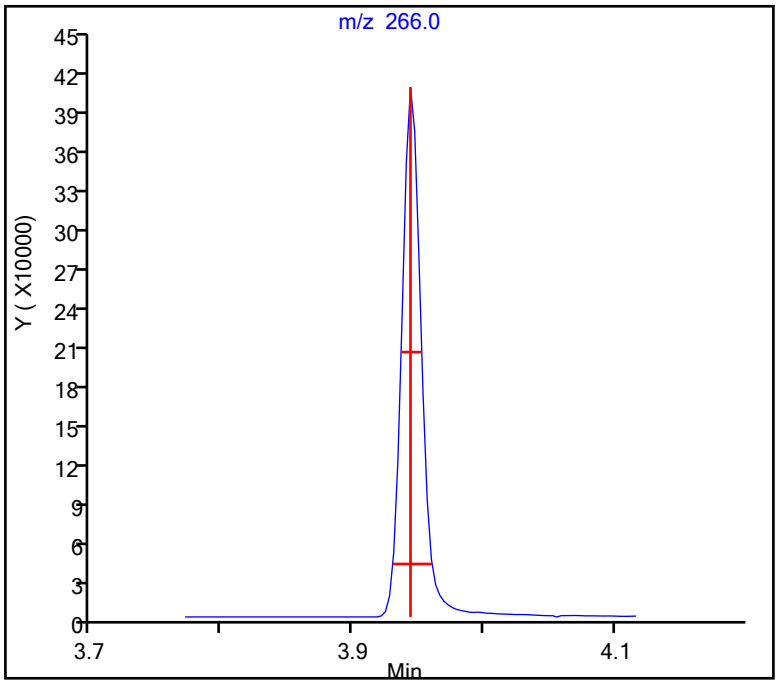
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D
Injection Date: 28-Feb-2025 06:09:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

18 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.21, Max. Tailing <= 2.00
Passed
---



Peak Tailing Report

Eurofins Edison

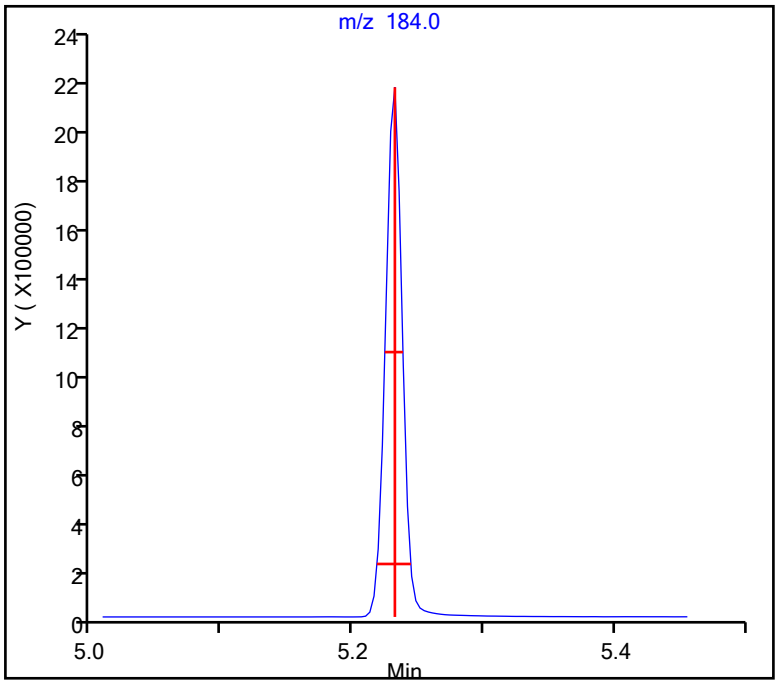
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348215.D
Injection Date: 28-Feb-2025 06:09:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.86, Max. Tailing <= 2.00
Passed
---



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1024840/1-A

Matrix: Water | Lab File ID: M348490.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/08/2025 12:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024844 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 89 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 87 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 67 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348490.D
Lims ID: MB 460-1024840/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-Mar-2025 12:34:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187719-006
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 11:03:36 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: U6BX Date: 08-Mar-2025 12:55:33

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.550 | 2.552 | -0.002 | 97 | 472657 | 10.0 | 4.90 | |
| $ 6 Phenol-d5 | 99 | 3.441 | 3.449 | -0.008 | 0 | 381845 | 10.0 | 3.07 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.792 | 3.795 | -0.003 | 94 | 581278 | 8.00 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.341 | 4.344 | -0.003 | 84 | 894416 | 10.0 | 8.66 | |
| * 38 Naphthalene-d8 | 136 | 5.037 | 5.041 | -0.004 | 99 | 2172432 | 8.00 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.100 | 6.103 | -0.003 | 97 | 1875243 | 10.0 | 8.92 | |
| * 64 Acenaphthene-d10 | 164 | 6.729 | 6.730 | -0.001 | 97 | 1107279 | 8.00 | 8.00 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.479 | 7.483 | -0.004 | 91 | 315095 | 10.0 | 9.05 | |
| * 88 Phenanthrene-d10 | 188 | 8.134 | 8.139 | -0.005 | 98 | 1980499 | 8.00 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 9.673 | 9.677 | -0.004 | 98 | 1436530 | 10.0 | 6.70 | |
| * 103 Chrysene-d12 | 240 | 10.686 | 10.694 | -0.008 | 98 | 1336671 | 8.00 | 8.00 | |
| * 110 Perylene-d12 | 264 | 12.459 | 12.460 | -0.001 | 98 | 1319015 | 8.00 | 8.00 | |

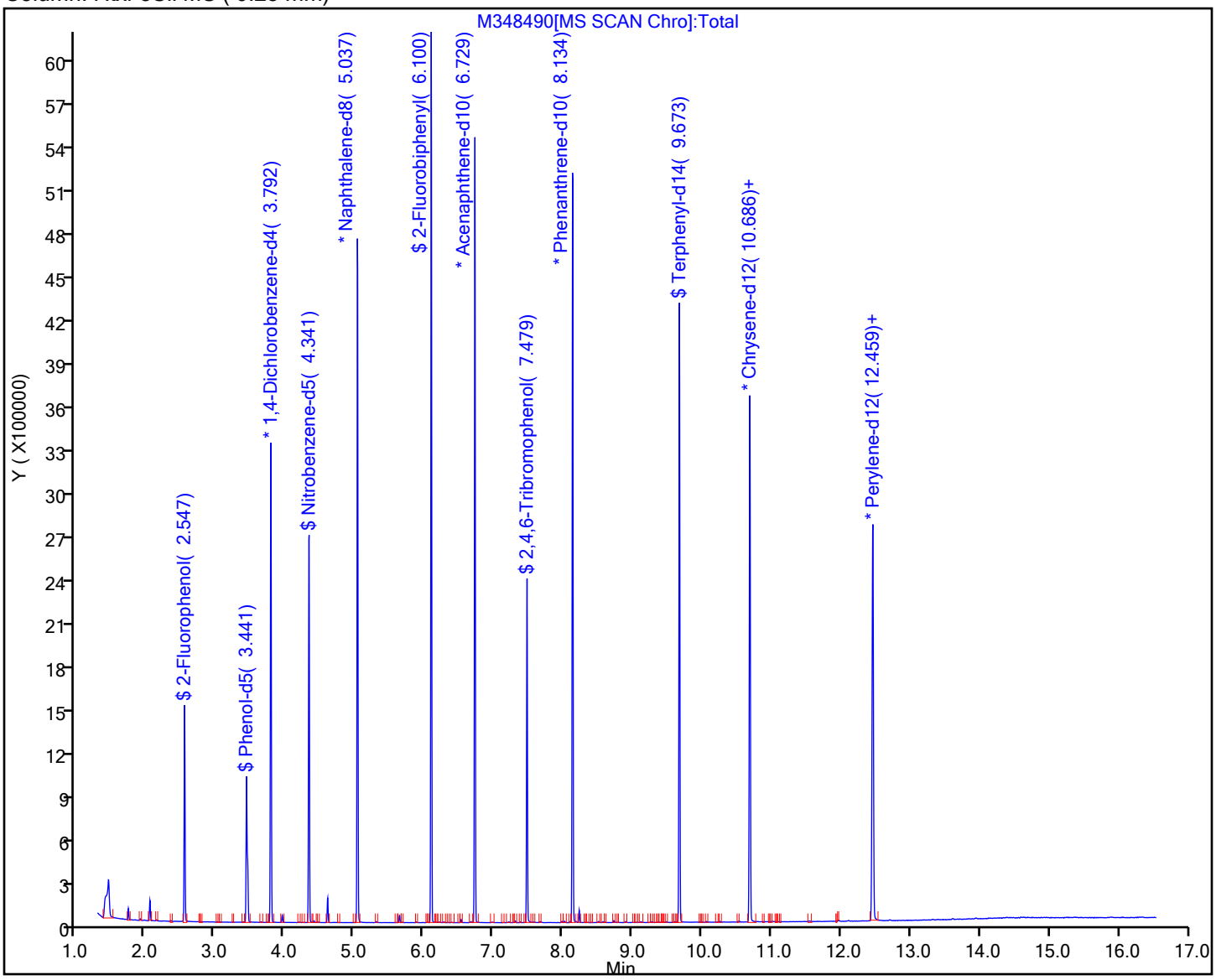
## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 11:09:00 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348490.D
Injection Date: 08-Mar-2025 12:34:30 Instrument ID: CBNAMS17
Lims ID: MB 460-1024840/1-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348490.D
Lims ID: MB 460-1024840/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-Mar-2025 12:34:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187719-006
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 11:03:36 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: U6BX Date: 08-Mar-2025 12:55:33

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.90 | 48.97 |
| $ 6 Phenol-d5 | 10.0 | 3.07 | 30.74 |
| $ 28 Nitrobenzene-d5 | 10.0 | 8.66 | 86.60 |
| $ 53 2-Fluorobiphenyl | 10.0 | 8.92 | 89.18 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 9.05 | 90.48 |
| $ 97 Terphenyl-d14 | 10.0 | 6.70 | 67.00 |

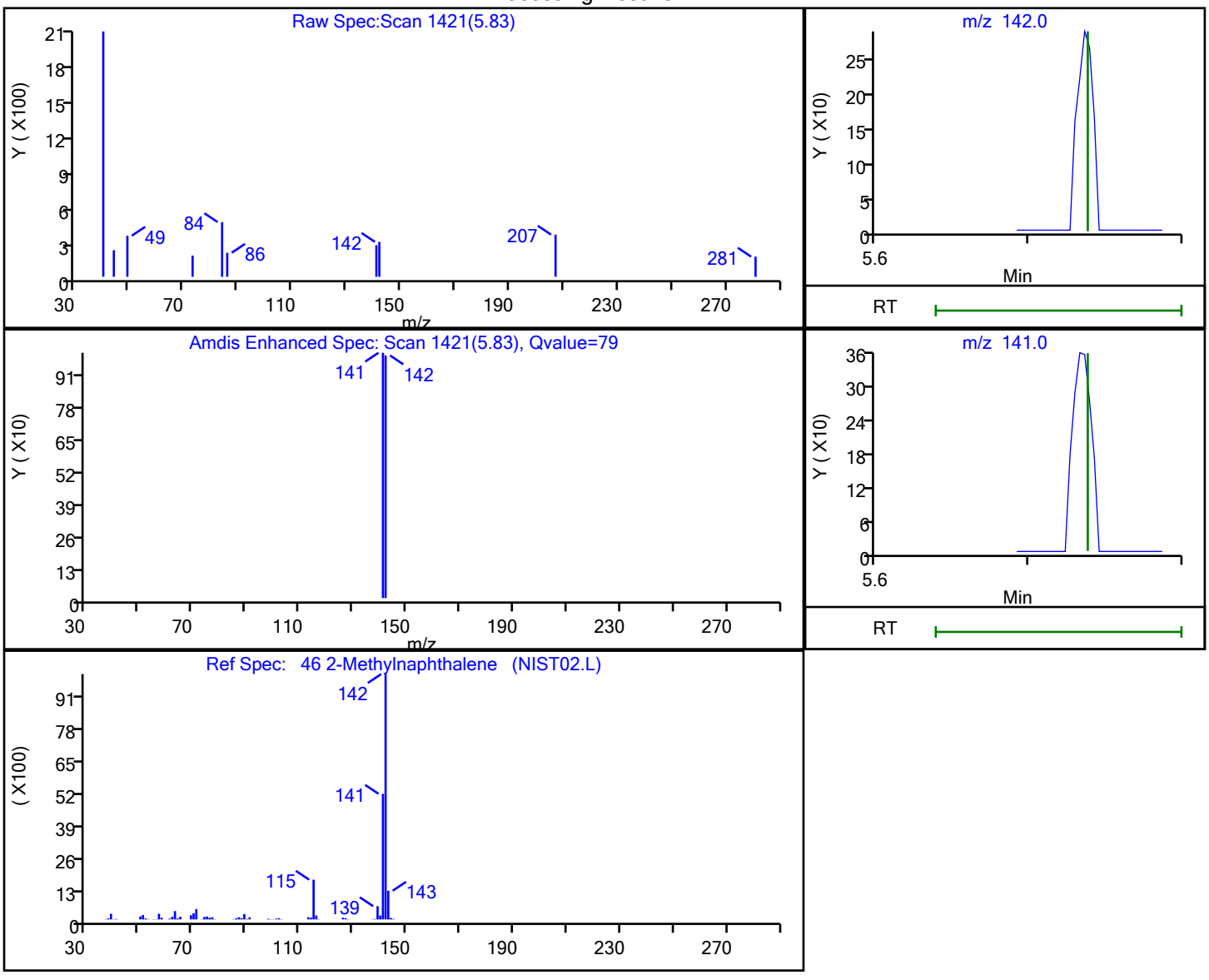
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348490.D | | | | |
| Injection Date: | 08-Mar-2025 12:34:30 | Instrument ID: | CBNAMS17 | | |
| Lims ID: | MB 460-1024840/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_17 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.83 | 142.00 | 175 | 0.000926 |
| 5.83 | 141.00 | 180 | |

Reviewer: U6BX, 08-Mar-2025 12:55:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

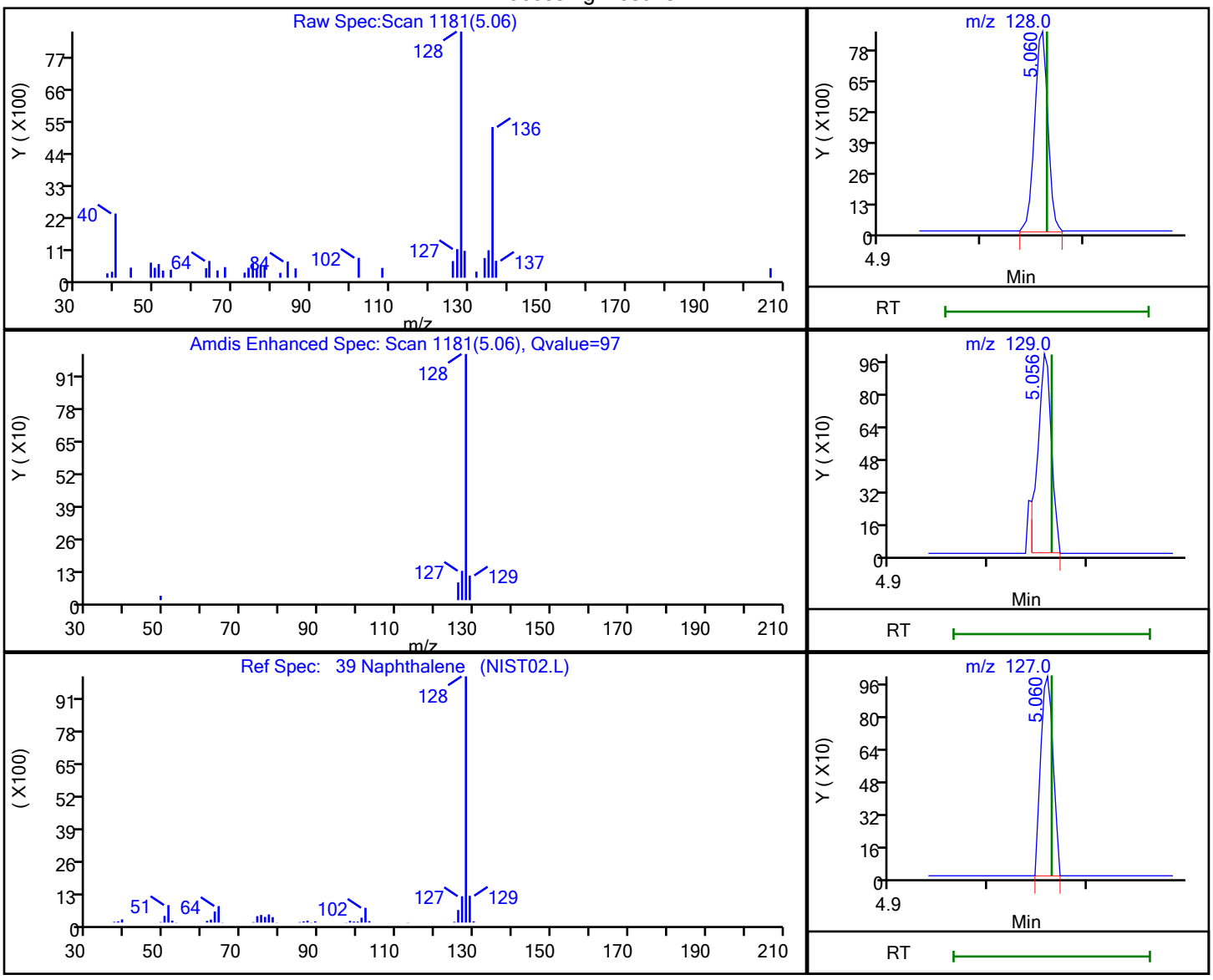
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348490.D
Injection Date: 08-Mar-2025 12:34:30 Instrument ID: CBNAMS17
Lims ID: MB 460-1024840/1-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.06 | 128.00 | 7688 | 0.026633 |
| 5.06 | 129.00 | 947 | |
| 5.06 | 127.00 | 864 | |

Reviewer: U6BX, 08-Mar-2025 12:55:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1024840/2-A

Matrix: Water | Lab File ID: M348488.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/08/2025 11:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024844 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 57.6 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 65.2 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 70.7 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 67.3 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 68.0 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 74.2 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 70.8 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 61.4 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 70.2 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 64.6 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 61.7 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 71.7 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 68.2 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 62.0 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 65.9 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 66.1 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 62.6 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 85 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 84 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 64 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348488.D
Lims ID: LCS 460-1024840/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-Mar-2025 11:45:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187719-004
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 11:03:36 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: V5XH Date: 10-Mar-2025 11:05:25

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.376 | 1.370 | 0.006 | 90 | 206419 | 10.0 | 5.24 | |
| 2 N-Nitrosodimethylamine | 74 | 1.555 | 1.552 | 0.003 | 99 | 317452 | 10.0 | 5.14 | |
| 3 Pyridine | 79 | 1.580 | 1.574 | 0.006 | 98 | 581571 | 20.0 | 6.66 | |
| $ 4 2-Fluorophenol | 112 | 2.554 | 2.552 | 0.002 | 97 | 534195 | 10.0 | 5.40 | |
| 5 Benzaldehyde | 77 | 3.362 | 3.360 | 0.002 | 96 | 218590 | 5.00 | 2.70 | |
| $ 6 Phenol-d5 | 99 | 3.448 | 3.449 | -0.001 | 0 | 497964 | 10.0 | 3.91 | |
| 7 Phenol | 94 | 3.461 | 3.465 | -0.004 | 97 | 540577 | 10.0 | 3.92 | |
| 8 Aniline | 93 | 3.470 | 3.472 | -0.002 | 99 | 762081 | 10.0 | 5.29 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.544 | 3.545 | -0.001 | 99 | 768416 | 10.0 | 7.66 | |
| 10 Benzonitrile | 103 | 3.553 | 3.555 | -0.002 | 96 | 1688201 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.585 | 3.587 | -0.002 | 99 | 729450 | 10.0 | 6.99 | |
| 13 n-Decane | 43 | 3.652 | 3.651 | 0.001 | 85 | 555494 | 10.0 | 6.82 | |
| 14 1,3-Dichlorobenzene | 146 | 3.735 | 3.737 | -0.002 | 98 | 904497 | 10.0 | 7.91 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.793 | 3.795 | -0.002 | 94 | 595978 | 8.00 | 8.00 | |
| 16 1,4-Dichlorobenzene | 146 | 3.809 | 3.810 | -0.001 | 96 | 919331 | 10.0 | 8.04 | |
| 17 Benzyl alcohol | 108 | 3.940 | 3.942 | -0.002 | 95 | 435094 | 10.0 | 6.57 | |
| 19 1,2-Dichlorobenzene | 146 | 3.956 | 3.958 | -0.002 | 97 | 859380 | 10.0 | 7.78 | |
| 20 2-Methylphenol | 108 | 4.061 | 4.063 | -0.002 | 92 | 585640 | 10.0 | 6.52 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.081 | 4.076 | 0.005 | 95 | 765226 | 10.0 | 6.85 | a |
| 24 N-Methylaniline | 106 | 4.192 | 4.194 | -0.002 | 97 | 1081781 | 10.0 | 7.45 | |
| 26 Acetophenone | 105 | 4.199 | 4.201 | -0.002 | 93 | 1109045 | 10.0 | 7.73 | |
| 25 N-Nitrosodi-n-propylamine | 70 | 4.208 | 4.210 | -0.002 | 85 | 513037 | 10.0 | 7.53 | |
| 22 4-Methylphenol | 108 | 4.221 | 4.223 | -0.002 | 94 | 583555 | 10.0 | 6.02 | |
| 23 3 & 4 Methylphenol | 108 | 4.221 | 4.223 | -0.002 | 0 | 585350 | 10.0 | 6.00 | |
| 27 Hexachloroethane | 117 | 4.285 | 4.287 | -0.002 | 98 | 333119 | 10.0 | 7.84 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.343 | 4.344 | -0.001 | 83 | 865454 | 10.0 | 8.43 | |
| 29 Nitrobenzene | 123 | 4.362 | 4.364 | -0.002 | 96 | 395042 | 10.0 | 7.97 | |
| 30 n,n'-Dimethylaniline | 120 | 4.368 | 4.370 | -0.002 | 93 | 1108819 | 10.0 | 7.15 | |
| 31 Isophorone | 82 | 4.601 | 4.603 | -0.002 | 98 | 1389960 | 10.0 | 8.14 | |
| 32 2-Nitrophenol | 139 | 4.675 | 4.677 | -0.002 | 96 | 416225 | 10.0 | 8.07 | |
| 33 2,4-Dimethylphenol | 122 | 4.742 | 4.741 | 0.001 | 92 | 623196 | 10.0 | 8.93 | |
| 35 Bis(2-chloroethoxy)methane | 93 | 4.835 | 4.834 | 0.001 | 96 | 918479 | 10.0 | 7.95 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Benzoic acid | 122 | 4.819 | 4.859 | -0.040 | 85 | 128141 | 10.0 | 2.71 | |
| 36 2,4-Dichlorophenol | 162 | 4.915 | 4.914 | 0.001 | 98 | 597473 | 10.0 | 7.83 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.991 | 4.993 | -0.002 | 95 | 680453 | 10.0 | 8.22 | |
| * 38 Naphthalene-d8 | 136 | 5.043 | 5.041 | 0.002 | 99 | 2158999 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.062 | 5.064 | -0.002 | 99 | 2363804 | 10.0 | 8.24 | |
| 40 4-Chloroaniline | 127 | 5.132 | 5.134 | -0.002 | 97 | 780527 | 10.0 | 7.16 | |
| 41 2,6-Dichlorophenol | 162 | 5.132 | 5.134 | -0.002 | 98 | 604771 | 10.0 | 7.93 | |
| 42 Hexachlorobutadiene | 225 | 5.193 | 5.195 | -0.002 | 97 | 353182 | 10.0 | 8.05 | |
| 44 Caprolactam | 55 | 5.455 | 5.460 | -0.005 | 94 | 26232 | 5.00 | 0.8858 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.618 | 5.623 | -0.005 | 95 | 560800 | 10.0 | 7.53 | |
| 46 2-Methylnaphthalene | 142 | 5.736 | 5.738 | -0.002 | 85 | 1351786 | 10.0 | 7.20 | |
| 47 1-Methylnaphthalene | 142 | 5.829 | 5.831 | -0.002 | 92 | 1399776 | 10.0 | 8.14 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.893 | 5.895 | -0.002 | 97 | 462152 | 10.0 | 9.96 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.899 | 5.902 | -0.003 | 97 | 633208 | 10.0 | 8.07 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.963 | 5.966 | -0.003 | 92 | 935469 | 10.0 | 9.20 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.018 | 6.020 | -0.002 | 92 | 426960 | 10.0 | 8.53 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.050 | 6.049 | 0.001 | 98 | 454347 | 10.0 | 8.37 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.101 | 6.103 | -0.002 | 97 | 1737219 | 10.0 | 8.49 | |
| 54 1,1'-Biphenyl | 154 | 6.194 | 6.193 | 0.001 | 97 | 1770767 | 10.0 | 8.31 | |
| 55 2-Chloronaphthalene | 162 | 6.200 | 6.202 | -0.002 | 99 | 1352317 | 10.0 | 8.16 | |
| 56 Phenyl ether | 170 | 6.299 | 6.298 | 0.001 | 85 | 978446 | 10.0 | 8.37 | |
| 57 2-Nitroaniline | 65 | 6.312 | 6.314 | -0.002 | 94 | 417473 | 10.0 | 8.05 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.417 | 6.417 | 0.000 | 92 | 1034250 | 10.0 | 7.77 | |
| 60 Coumarin | 146 | 6.504 | 6.506 | -0.002 | 83 | 562065 | 10.0 | 9.33 | |
| 59 Dimethyl phthalate | 163 | 6.507 | 6.509 | -0.002 | 99 | 1471018 | 10.0 | 8.39 | |
| 61 2,6-Dinitrotoluene | 165 | 6.555 | 6.558 | -0.003 | 95 | 341595 | 10.0 | 8.88 | |
| 62 Acenaphthylene | 152 | 6.593 | 6.593 | 0.000 | 98 | 2237278 | 10.0 | 8.83 | |
| 63 3-Nitroaniline | 138 | 6.708 | 6.711 | -0.003 | 95 | 345608 | 10.0 | 7.75 | |
| * 64 Acenaphthene-d10 | 164 | 6.731 | 6.730 | 0.001 | 95 | 1078079 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.760 | 6.762 | -0.002 | 95 | 1244494 | 10.0 | 8.15 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.782 | 6.785 | -0.003 | 97 | 1103564 | 10.0 | 10.4 | |
| 67 2,4-Dinitrophenol | 184 | 6.811 | 6.814 | -0.003 | 94 | 363134 | 20.0 | 15.1 | |
| 68 4-Nitrophenol | 65 | 6.891 | 6.897 | -0.006 | 84 | 224250 | 20.0 | 8.86 | |
| 70 Dibenzofuran | 168 | 6.929 | 6.929 | 0.000 | 97 | 1887144 | 10.0 | 8.27 | |
| 69 2,4-Dinitrotoluene | 165 | 6.936 | 6.935 | 0.001 | 95 | 448700 | 10.0 | 9.08 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.054 | 7.054 | 0.000 | 95 | 352899 | 10.0 | 8.46 | |
| 72 Diethyl phthalate | 149 | 7.188 | 7.191 | -0.003 | 98 | 1436354 | 10.0 | 8.11 | |
| 73 n-Octadecane | 57 | 7.217 | 7.220 | -0.003 | 88 | 802461 | 10.0 | 7.10 | |
| 74 Fluorene | 166 | 7.252 | 7.255 | -0.003 | 94 | 1508816 | 10.0 | 8.53 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.268 | 7.271 | -0.003 | 91 | 667935 | 10.0 | 8.45 | |
| 76 4-Nitroaniline | 138 | 7.291 | 7.294 | -0.003 | 92 | 363036 | 10.0 | 9.30 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.320 | 7.323 | -0.002 | 90 | 497942 | 20.0 | 16.4 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.387 | 7.387 | 0.000 | 70 | 1056819 | 10.0 | 8.17 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.419 | 7.422 | -0.003 | 50 | 1378335 | 10.0 | 7.92 | |
| 131 Azobenzene | 77 | 7.419 | 7.422 | -0.003 | 96 | 1380144 | 10.0 | 7.50 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.483 | 7.483 | 0.000 | 91 | 307783 | 10.0 | 9.08 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.729 | 7.732 | -0.003 | 94 | 403538 | 10.0 | 8.23 | |
| 84 Hexachlorobenzene | 284 | 7.774 | 7.774 | 0.000 | 95 | 500315 | 10.0 | 8.22 | |
| 85 Atrazine | 200 | 7.911 | 7.914 | -0.003 | 94 | 119977 | 5.00 | 3.03 | |
| 86 Pentachlorophenol | 266 | 7.969 | 7.969 | 0.000 | 95 | 612044 | 20.0 | 16.9 | |
| 87 Pentachloronitrobenzene | 237 | 7.979 | 7.982 | -0.003 | 90 | 143764 | 10.0 | 7.63 | |
| * 88 Phenanthrene-d10 | 188 | 8.139 | 8.139 | 0.000 | 98 | 1859693 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 8.161 | 8.161 | 0.000 | 98 | 2039400 | 10.0 | 8.26 | |
| 90 Anthracene | 178 | 8.209 | 8.209 | 0.000 | 98 | 2084648 | 10.0 | 8.41 | |
| 91 Carbazole | 167 | 8.372 | 8.375 | -0.003 | 96 | 1927079 | 10.0 | 8.92 | |
| 92 Di-n-butyl phthalate | 149 | 8.746 | 8.746 | 0.000 | 99 | 2137426 | 10.0 | 8.34 | |
| 93 Fluoranthene | 202 | 9.284 | 9.286 | -0.002 | 97 | 1973722 | 10.0 | 8.96 | |
| 94 Benzidine | 184 | 9.437 | 9.437 | 0.000 | 100 | 494304 | 10.0 | 6.01 | |
| 95 Pyrene | 202 | 9.495 | 9.494 | 0.001 | 96 | 2079418 | 10.0 | 7.83 | |
| 96 Bisphenol-A | 213 | 9.588 | 9.587 | 0.001 | 98 | 282765 | 5.00 | 3.70 | |
| $ 97 Terphenyl-d14 | 244 | 9.674 | 9.677 | -0.003 | 98 | 1327301 | 10.0 | 6.43 | |
| 98 Butyl benzyl phthalate | 149 | 10.167 | 10.169 | -0.002 | 96 | 814203 | 10.0 | 8.18 | |
| 100 Carbamazepine | 193 | 10.240 | 10.243 | -0.003 | 93 | 685146 | 10.0 | 8.46 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.682 | 10.681 | 0.001 | 99 | 644550 | 10.0 | 8.48 | |
| 102 Benzo[a]anthracene | 228 | 10.682 | 10.681 | 0.001 | 100 | 1757593 | 10.0 | 8.50 | |
| * 103 Chrysene-d12 | 240 | 10.691 | 10.694 | -0.003 | 99 | 1287226 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.720 | 10.720 | 0.000 | 98 | 1612485 | 10.0 | 8.08 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.800 | 10.803 | -0.003 | 85 | 1240085 | 10.0 | 8.71 | |
| 106 Di-n-octyl phthalate | 149 | 11.593 | 11.593 | 0.000 | 95 | 1820881 | 10.0 | 8.69 | |
| 107 Benzo[b]fluoranthene | 252 | 11.964 | 11.964 | 0.000 | 98 | 1606152 | 10.0 | 8.85 | |
| 108 Benzo[k]fluoranthene | 252 | 12.003 | 12.003 | 0.000 | 99 | 1672181 | 10.0 | 8.77 | |
| 109 Benzo[a]pyrene | 252 | 12.383 | 12.383 | 0.000 | 95 | 1514077 | 10.0 | 9.28 | |
| * 110 Perylene-d12 | 264 | 12.460 | 12.460 | 0.000 | 98 | 1317693 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.899 | 13.900 | -0.001 | 98 | 1579460 | 10.0 | 7.75 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.944 | 13.945 | -0.001 | 98 | 1564732 | 10.0 | 7.72 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.252 | 14.252 | 0.000 | 96 | 1581270 | 10.0 | 7.67 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 11:05:25 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348488.D

Injection Date: 08-Mar-2025 11:45:30 Instrument ID: CBNAMS17

Lims ID: LCS 460-1024840/2-A

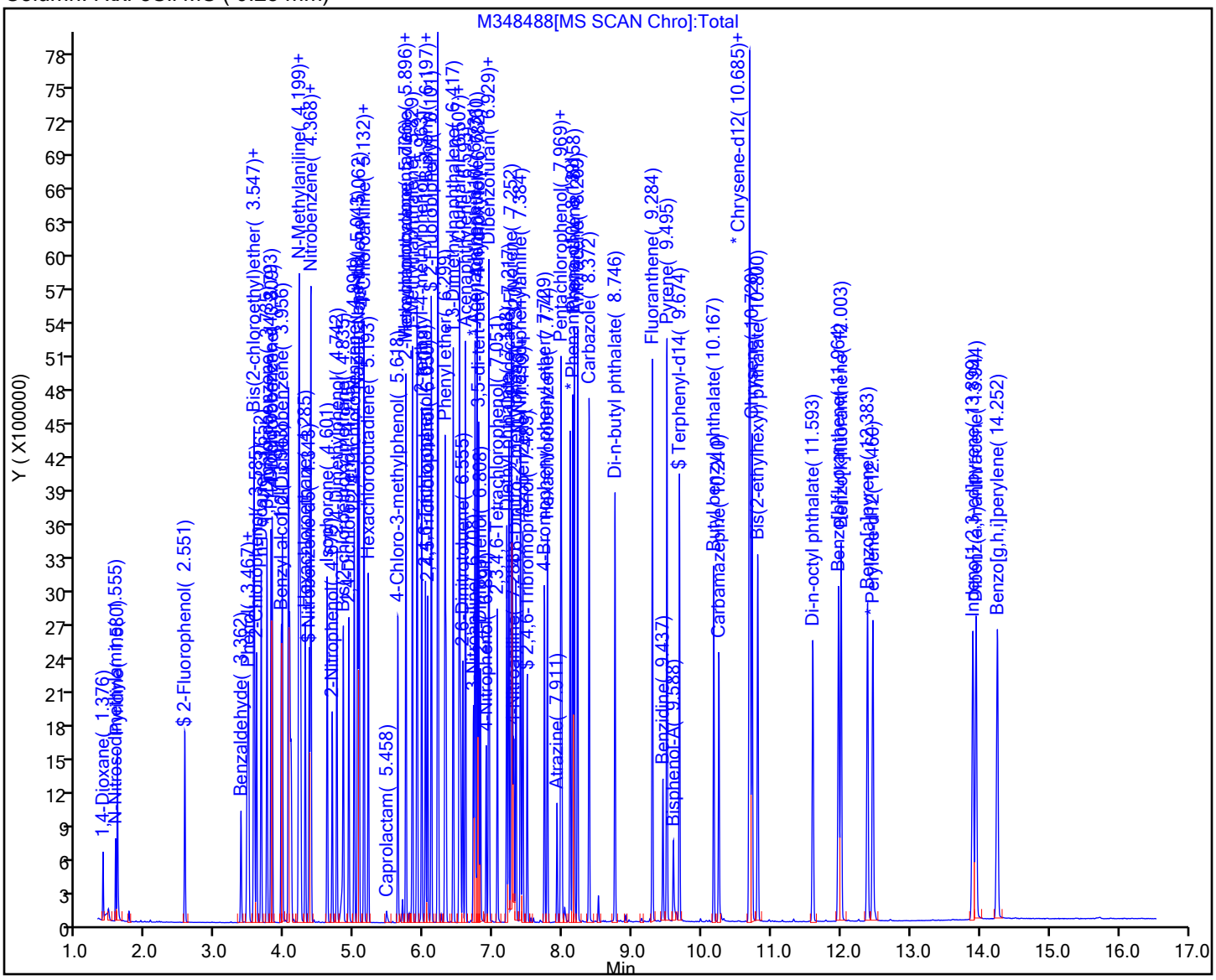
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348488.D
Lims ID: LCS 460-1024840/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-Mar-2025 11:45:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187719-004
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 11:03:36 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: V5XH Date: 10-Mar-2025 11:05:25

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 5.40 | 53.98 |
| $ 6 Phenol-d5 | 10.0 | 3.91 | 39.10 |
| $ 28 Nitrobenzene-d5 | 10.0 | 8.43 | 84.32 |
| $ 53 2-Fluorobiphenyl | 10.0 | 8.49 | 84.85 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 9.08 | 90.78 |
| $ 97 Terphenyl-d14 | 10.0 | 6.43 | 64.29 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1024840/3-A

Matrix: Water | Lab File ID: M348489.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/08/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 03/08/2025 12:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024844 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 57.2 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 65.9 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 70.1 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 68.1 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 67.8 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 76.0 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 71.6 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 62.5 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 71.9 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 64.6 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 62.0 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 71.3 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 67.5 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 61.7 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 65.6 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 65.7 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 61.0 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 84 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 85 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 65 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348489.D
Lims ID: LCSD 460-1024840/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-Mar-2025 12:13:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187719-005
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 11:03:36 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: U6BX Date: 08-Mar-2025 12:52:05

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.366 | 1.370 | -0.004 | 89 | 195092 | 10.0 | 5.25 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.548 | 1.552 | -0.004 | 99 | 300346 | 10.0 | 5.16 | |
| | 3 Pyridine | 79 | 1.574 | 1.574 | 0.000 | 98 | 531162 | 20.0 | 6.45 | |
| $ | 4 2-Fluorophenol | 112 | 2.547 | 2.552 | -0.005 | 97 | 502131 | 10.0 | 5.38 | |
| | 5 Benzaldehyde | 77 | 3.358 | 3.360 | -0.002 | 95 | 203401 | 5.00 | 2.66 | |
| $ | 6 Phenol-d5 | 99 | 3.445 | 3.449 | -0.005 | 0 | 465254 | 10.0 | 3.88 | |
| | 7 Phenol | 94 | 3.457 | 3.465 | -0.008 | 96 | 507285 | 10.0 | 3.90 | |
| | 8 Aniline | 93 | 3.470 | 3.472 | -0.002 | 98 | 708766 | 10.0 | 5.23 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.540 | 3.545 | -0.005 | 99 | 728832 | 10.0 | 7.71 | |
| | 10 Benzonitrile | 103 | 3.550 | 3.555 | -0.005 | 97 | 1597146 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.582 | 3.587 | -0.005 | 98 | 678097 | 10.0 | 6.90 | |
| | 13 n-Decane | 43 | 3.649 | 3.651 | -0.002 | 85 | 516211 | 10.0 | 6.72 | |
| | 14 1,3-Dichlorobenzene | 146 | 3.735 | 3.737 | -0.002 | 98 | 851037 | 10.0 | 7.90 | |
| * | 15 1,4-Dichlorobenzene-d4 | 152 | 3.793 | 3.795 | -0.002 | 94 | 561673 | 8.00 | 8.00 | |
| | 16 1,4-Dichlorobenzene | 146 | 3.809 | 3.810 | -0.001 | 96 | 864463 | 10.0 | 8.02 | |
| | 17 Benzyl alcohol | 108 | 3.940 | 3.942 | -0.002 | 96 | 412412 | 10.0 | 6.60 | |
| | 19 1,2-Dichlorobenzene | 146 | 3.956 | 3.958 | -0.002 | 98 | 821596 | 10.0 | 7.90 | |
| | 20 2-Methylphenol | 108 | 4.061 | 4.063 | -0.002 | 91 | 545969 | 10.0 | 6.45 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.081 | 4.076 | 0.004 | 94 | 711273 | 10.0 | 6.75 | a |
| | 24 N-Methylaniline | 106 | 4.192 | 4.194 | -0.002 | 98 | 1014143 | 10.0 | 7.41 | |
| | 26 Acetophenone | 105 | 4.199 | 4.201 | -0.002 | 92 | 1043596 | 10.0 | 7.72 | |
| | 25 N-Nitrosodi-n-propylamine | 70 | 4.208 | 4.210 | -0.002 | 77 | 484585 | 10.0 | 7.55 | |
| | 22 4-Methylphenol | 108 | 4.218 | 4.223 | -0.005 | 97 | 540282 | 10.0 | 5.91 | |
| | 23 3 & 4 Methylphenol | 108 | 4.218 | 4.223 | -0.005 | 0 | 542953 | 10.0 | 5.91 | |
| | 27 Hexachloroethane | 117 | 4.285 | 4.287 | -0.002 | 98 | 312734 | 10.0 | 7.81 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.343 | 4.344 | -0.001 | 88 | 809762 | 10.0 | 8.45 | |
| | 29 Nitrobenzene | 123 | 4.362 | 4.364 | -0.002 | 98 | 379844 | 10.0 | 8.13 | |
| | 30 n,n'-Dimethylaniline | 120 | 4.368 | 4.370 | -0.002 | 92 | 1038740 | 10.0 | 7.11 | |
| | 31 Isophorone | 82 | 4.601 | 4.603 | -0.002 | 98 | 1291282 | 10.0 | 8.10 | |
| | 32 2-Nitrophenol | 139 | 4.675 | 4.677 | -0.002 | 96 | 384753 | 10.0 | 7.99 | |
| | 33 2,4-Dimethylphenol | 122 | 4.742 | 4.741 | 0.001 | 93 | 586071 | 10.0 | 9.00 | |
| | 35 Bis(2-chloroethoxy)methane | 93 | 4.835 | 4.834 | 0.001 | 96 | 847708 | 10.0 | 7.86 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Benzoic acid | 122 | 4.816 | 4.859 | -0.043 | 82 | 119942 | 10.0 | 2.71 | |
| 36 2,4-Dichlorophenol | 162 | 4.915 | 4.914 | 0.001 | 98 | 561091 | 10.0 | 7.88 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.991 | 4.993 | -0.002 | 94 | 642567 | 10.0 | 8.31 | |
| * 38 Naphthalene-d8 | 136 | 5.042 | 5.041 | 0.001 | 99 | 2015174 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.062 | 5.064 | -0.002 | 99 | 2195716 | 10.0 | 8.20 | |
| 40 4-Chloroaniline | 127 | 5.132 | 5.134 | -0.002 | 97 | 726171 | 10.0 | 7.13 | |
| 41 2,6-Dichlorophenol | 162 | 5.135 | 5.134 | 0.001 | 98 | 559582 | 10.0 | 7.86 | |
| 42 Hexachlorobutadiene | 225 | 5.196 | 5.195 | 0.001 | 97 | 335272 | 10.0 | 8.19 | |
| 44 Caprolactam | 55 | 5.455 | 5.460 | -0.005 | 92 | 23720 | 5.00 | 0.8582 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.621 | 5.623 | -0.002 | 95 | 522905 | 10.0 | 7.52 | |
| 46 2-Methylnaphthalene | 142 | 5.736 | 5.738 | -0.002 | 85 | 1252656 | 10.0 | 7.15 | |
| 47 1-Methylnaphthalene | 142 | 5.829 | 5.831 | -0.002 | 92 | 1315577 | 10.0 | 8.19 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.896 | 5.895 | 0.001 | 97 | 454732 | 10.0 | 10.3 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.899 | 5.902 | -0.003 | 98 | 611273 | 10.0 | 8.22 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.963 | 5.966 | -0.003 | 91 | 887148 | 10.0 | 9.34 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.017 | 6.020 | -0.003 | 91 | 400033 | 10.0 | 8.44 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.049 | 6.049 | 0.000 | 97 | 420967 | 10.0 | 8.19 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.104 | 6.103 | 0.001 | 97 | 1629633 | 10.0 | 8.40 | |
| 54 1,1'-Biphenyl | 154 | 6.193 | 6.193 | 0.000 | 96 | 1679209 | 10.0 | 8.32 | |
| 55 2-Chloronaphthalene | 162 | 6.203 | 6.202 | 0.001 | 99 | 1279418 | 10.0 | 8.15 | |
| 56 Phenyl ether | 170 | 6.299 | 6.298 | 0.001 | 86 | 927543 | 10.0 | 8.38 | |
| 57 2-Nitroaniline | 65 | 6.315 | 6.314 | 0.001 | 92 | 389502 | 10.0 | 7.93 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.417 | 6.417 | 0.000 | 92 | 994070 | 10.0 | 7.88 | |
| 60 Coumarin | 146 | 6.504 | 6.506 | -0.002 | 82 | 530796 | 10.0 | 9.44 | |
| 59 Dimethyl phthalate | 163 | 6.510 | 6.509 | 0.001 | 99 | 1375593 | 10.0 | 8.28 | |
| 61 2,6-Dinitrotoluene | 165 | 6.558 | 6.558 | 0.000 | 95 | 325080 | 10.0 | 8.92 | |
| 62 Acenaphthylene | 152 | 6.593 | 6.593 | 0.000 | 98 | 2102734 | 10.0 | 8.77 | |
| 63 3-Nitroaniline | 138 | 6.708 | 6.711 | -0.003 | 95 | 323400 | 10.0 | 7.65 | |
| * 64 Acenaphthene-d10 | 164 | 6.731 | 6.730 | 0.001 | 95 | 1021228 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.763 | 6.762 | 0.001 | 95 | 1191080 | 10.0 | 8.24 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.785 | 6.785 | 0.000 | 97 | 1051264 | 10.0 | 10.5 | |
| 67 2,4-Dinitrophenol | 184 | 6.811 | 6.814 | -0.003 | 94 | 342924 | 20.0 | 15.1 | |
| 68 4-Nitrophenol | 65 | 6.891 | 6.897 | -0.006 | 85 | 216093 | 20.0 | 9.01 | |
| 70 Dibenzofuran | 168 | 6.929 | 6.929 | 0.000 | 97 | 1777505 | 10.0 | 8.23 | |
| 69 2,4-Dinitrotoluene | 165 | 6.936 | 6.935 | 0.001 | 96 | 426591 | 10.0 | 9.12 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.054 | 7.054 | 0.000 | 95 | 325927 | 10.0 | 8.25 | |
| 72 Diethyl phthalate | 149 | 7.188 | 7.191 | -0.003 | 98 | 1351533 | 10.0 | 8.06 | |
| 73 n-Octadecane | 57 | 7.220 | 7.220 | 0.000 | 88 | 757709 | 10.0 | 7.12 | |
| 74 Fluorene | 166 | 7.255 | 7.255 | 0.000 | 93 | 1412882 | 10.0 | 8.43 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.271 | 7.271 | 0.000 | 91 | 632459 | 10.0 | 8.45 | |
| 76 4-Nitroaniline | 138 | 7.291 | 7.294 | -0.003 | 87 | 342836 | 10.0 | 9.27 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.323 | 7.323 | 0.001 | 90 | 470241 | 20.0 | 16.4 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.387 | 7.387 | 0.000 | 85 | 985485 | 10.0 | 8.09 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.422 | 7.422 | 0.000 | 50 | 1285625 | 10.0 | 7.84 | |
| 131 Azobenzene | 77 | 7.422 | 7.422 | 0.000 | 96 | 1285403 | 10.0 | 7.42 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.483 | 7.483 | 0.000 | 91 | 289531 | 10.0 | 9.01 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.732 | 7.732 | 0.000 | 94 | 381694 | 10.0 | 8.27 | |
| 84 Hexachlorobenzene | 284 | 7.774 | 7.774 | 0.000 | 96 | 472494 | 10.0 | 8.24 | |
| 85 Atrazine | 200 | 7.914 | 7.914 | 0.000 | 94 | 109710 | 5.00 | 2.94 | |
| 86 Pentachlorophenol | 266 | 7.969 | 7.969 | 0.000 | 95 | 569852 | 20.0 | 16.7 | |
| 87 Pentachloronitrobenzene | 237 | 7.982 | 7.982 | 0.000 | 90 | 131603 | 10.0 | 7.42 | |
| * 88 Phenanthrene-d10 | 188 | 8.138 | 8.139 | -0.001 | 98 | 1751041 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 8.161 | 8.161 | 0.000 | 98 | 1908890 | 10.0 | 8.21 | |
| 90 Anthracene | 178 | 8.209 | 8.209 | 0.000 | 98 | 1985674 | 10.0 | 8.51 | |
| 91 Carbazole | 167 | 8.375 | 8.375 | 0.000 | 95 | 1799688 | 10.0 | 8.85 | |
| 92 Di-n-butyl phthalate | 149 | 8.746 | 8.746 | 0.000 | 99 | 1996165 | 10.0 | 8.27 | |
| 93 Fluoranthene | 202 | 9.286 | 9.286 | 0.000 | 97 | 1849084 | 10.0 | 8.91 | |
| 94 Benzidine | 184 | 9.437 | 9.437 | 0.000 | 100 | 473636 | 10.0 | 6.12 | |
| 95 Pyrene | 202 | 9.494 | 9.494 | 0.000 | 96 | 1851758 | 10.0 | 7.63 | |
| 96 Bisphenol-A | 213 | 9.587 | 9.587 | 0.000 | 98 | 253994 | 5.00 | 3.64 | |
| $ 97 Terphenyl-d14 | 244 | 9.677 | 9.677 | 0.000 | 98 | 1221644 | 10.0 | 6.48 | |
| 98 Butyl benzyl phthalate | 149 | 10.169 | 10.169 | 0.000 | 96 | 734398 | 10.0 | 8.07 | |
| 100 Carbamazepine | 193 | 10.243 | 10.243 | 0.000 | 93 | 630056 | 10.0 | 8.51 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.684 | 10.681 | 0.003 | 99 | 598329 | 10.0 | 8.61 | |
| 102 Benzo[a]anthracene | 228 | 10.684 | 10.681 | 0.003 | 100 | 1600616 | 10.0 | 8.47 | |
| * 103 Chrysene-d12 | 240 | 10.694 | 10.694 | 0.000 | 99 | 1176211 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.723 | 10.720 | 0.003 | 98 | 1472458 | 10.0 | 8.07 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.803 | 10.803 | 0.000 | 85 | 1122710 | 10.0 | 8.63 | |
| 106 Di-n-octyl phthalate | 149 | 11.596 | 11.593 | 0.003 | 96 | 1657146 | 10.0 | 8.73 | |
| 107 Benzo[b]fluoranthene | 252 | 11.967 | 11.964 | 0.003 | 98 | 1471269 | 10.0 | 8.95 | |
| 108 Benzo[k]fluoranthene | 252 | 12.005 | 12.003 | 0.002 | 99 | 1550844 | 10.0 | 8.98 | |
| 109 Benzo[a]pyrene | 252 | 12.386 | 12.383 | 0.003 | 97 | 1403168 | 10.0 | 9.50 | |
| * 110 Perylene-d12 | 264 | 12.463 | 12.460 | 0.003 | 98 | 1193244 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.902 | 13.900 | 0.002 | 97 | 1424644 | 10.0 | 7.72 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.947 | 13.945 | 0.002 | 96 | 1422922 | 10.0 | 7.75 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.254 | 14.252 | 0.002 | 96 | 1458373 | 10.0 | 7.81 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 11:07:08 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348489.D

Injection Date: 08-Mar-2025 12:13:30 Instrument ID: CBNAMS17

Lims ID: LCSD 460-1024840/3-A

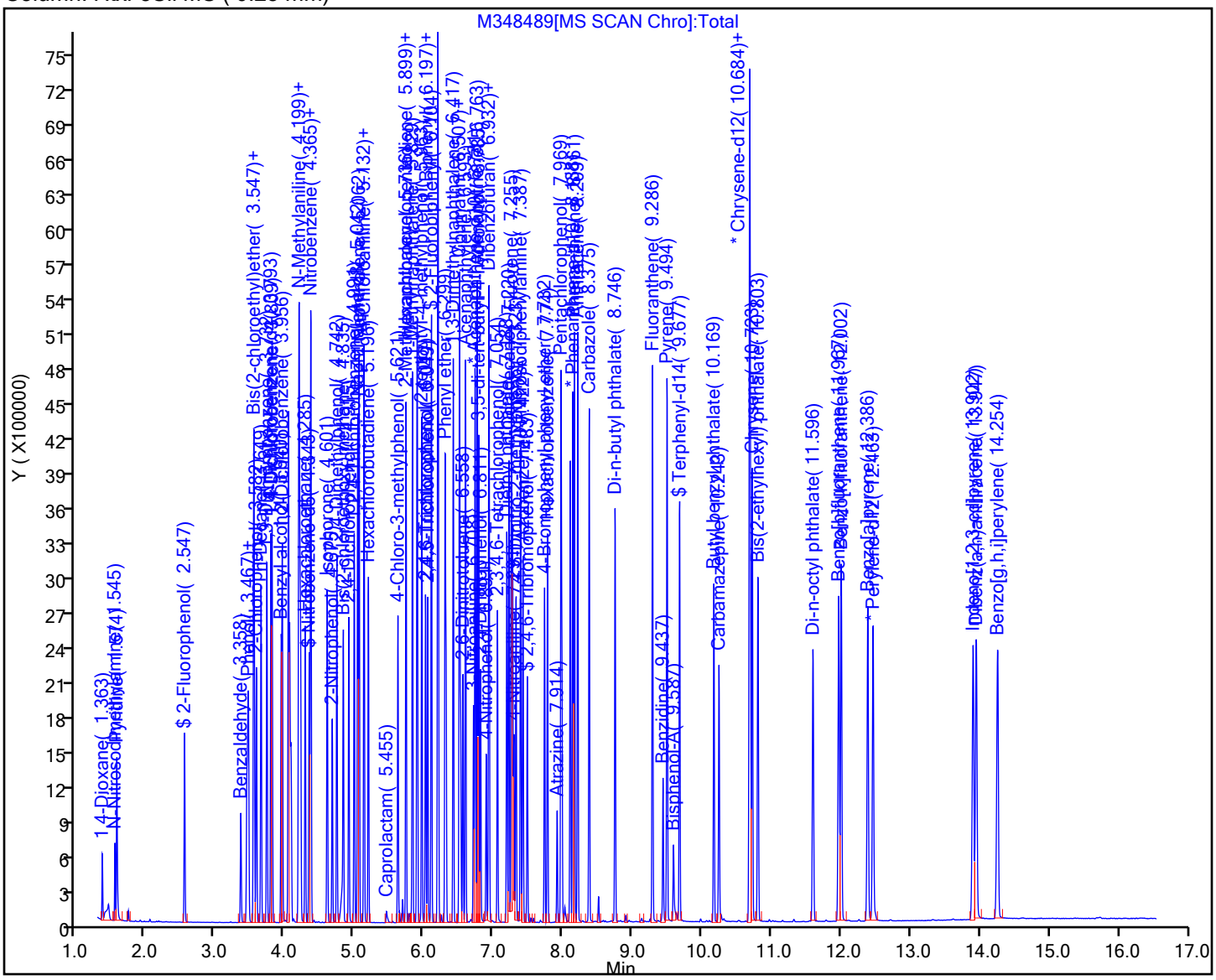
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\M348489.D
Lims ID: LCSD 460-1024840/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-Mar-2025 12:13:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187719-005
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250308-187719.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 11:03:36 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: U6BX Date: 08-Mar-2025 12:52:05

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 5.38 | 53.84 |
| $ 6 Phenol-d5 | 10.0 | 3.88 | 38.76 |
| $ 28 Nitrobenzene-d5 | 10.0 | 8.45 | 84.52 |
| $ 53 2-Fluorobiphenyl | 10.0 | 8.40 | 84.03 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 9.01 | 90.15 |
| $ 97 Terphenyl-d14 | 10.0 | 6.48 | 64.76 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-09S1 MS | Lab Sample ID: 460-321765-6 MS

Matrix: Water | Lab File ID: M348537.D

Analysis Method: 8270E | Date Collected: 03/04/2025 12:30

Extract. Method: 3510C | Date Extracted: 03/09/2025 13:27

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 19:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 35.3 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 42.3 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 47.2 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 44.4 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 43.7 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 51.7 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 45.7 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 49.7 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 45.4 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 43.0 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 45.0 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 46.9 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 44.3 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 47.7 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 40.8 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 42.1 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 40.0 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 76 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 78 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 35 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348537.D
Lims ID: 460-321765-E-6-B MS
Client ID: HHMW-09S1
Sample Type: MS
Inject. Date: 09-Mar-2025 19:45:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-018
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 15:01:59 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 15:02:17

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.369 | 1.363 | 0.006 | 90 | 78240 | 5.00 | 2.27 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.551 | 1.543 | 0.006 | 99 | 123460 | 5.00 | 2.29 | |
| | 3 Pyridine | 79 | 1.596 | 1.568 | 0.028 | 98 | 25948 | 10.0 | 0.3397 | |
| $ | 4 2-Fluorophenol | 112 | 2.548 | 2.545 | 0.003 | 97 | 360828 | 10.0 | 4.17 | |
| | 5 Benzaldehyde | 77 | 3.355 | 3.357 | -0.002 | 95 | 255057 | 5.00 | 3.60 | E |
| $ | 6 Phenol-d5 | 99 | 3.438 | 3.443 | -0.005 | 0 | 296360 | 10.0 | 2.66 | |
| | 7 Phenol | 94 | 3.451 | 3.451 | -0.005 | 95 | 211556 | 5.00 | 1.75 | |
| | 8 Aniline | 93 | 3.467 | 3.467 | 0.001 | 92 | 76660 | 5.00 | 0.6088 | a |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.537 | 3.537 | -0.002 | 98 | 425597 | 5.00 | 4.85 | |
| | 10 Benzonitrile | 103 | 3.544 | 3.549 | -0.005 | 97 | 941464 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.579 | 3.579 | -0.002 | 98 | 387374 | 5.00 | 4.24 | |
| | 13 n-Decane | 43 | 3.646 | 3.648 | -0.002 | 86 | 307371 | 5.00 | 4.31 | |
| | 14 1,3-Dichlorobenzene | 146 | 3.729 | 3.726 | -0.002 | 97 | 480096 | 5.00 | 4.80 | |
| * | 15 1,4-Dichlorobenzene-d4 | 152 | 3.787 | 3.789 | -0.001 | 95 | 521369 | 8.00 | 8.00 | |
| | 16 1,4-Dichlorobenzene | 146 | 3.806 | 3.799 | 0.001 | 95 | 486126 | 5.00 | 4.86 | |
| | 17 Benzyl alcohol | 108 | 3.934 | 3.930 | -0.002 | 96 | 173451 | 5.00 | 2.99 | |
| | 19 1,2-Dichlorobenzene | 146 | 3.950 | 3.946 | -0.002 | 97 | 465688 | 5.00 | 4.82 | |
| | 20 2-Methylphenol | 108 | 4.055 | 4.051 | -0.002 | 91 | 300142 | 5.00 | 3.82 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.074 | 4.074 | 0.004 | 97 | 442987 | 5.00 | 4.53 | a |
| | 24 N-Methylaniline | 106 | 4.186 | 4.187 | -0.002 | 97 | 234232 | 5.00 | 1.84 | |
| | 26 Acetophenone | 105 | 4.193 | 4.195 | -0.002 | 92 | 627591 | 5.00 | 5.00 | |
| | 25 N-Nitrosodi-n-propylamine | 70 | 4.202 | 4.198 | -0.002 | 77 | 292120 | 5.00 | 4.90 | |
| | 22 4-Methylphenol | 108 | 4.215 | 4.208 | 0.001 | 95 | 288279 | 5.00 | 3.40 | |
| | 23 3 & 4 Methylphenol | 108 | 4.215 | 4.208 | 0.001 | 0 | 290133 | 5.00 | 3.40 | |
| | 12 2-Toluidine | 107 | 4.186 | 4.261 | -0.075 | 95 | 151462 | | NC | |
| | 27 Hexachloroethane | 117 | 4.279 | 4.275 | -0.002 | 97 | 182945 | 5.00 | 4.92 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.336 | 4.339 | -0.003 | 84 | 711313 | 10.0 | 7.82 | |
| | 29 Nitrobenzene | 123 | 4.356 | 4.357 | -0.002 | 97 | 220307 | 5.00 | 5.08 | |
| | 30 n,n'-Dimethylaniline | 120 | 4.362 | 4.358 | -0.002 | 92 | 253452 | 5.00 | 1.87 | |
| | 31 Isophorone | 82 | 4.598 | 4.598 | 0.000 | 98 | 791334 | 5.00 | 5.23 | |
| | 32 2-Nitrophenol | 139 | 4.669 | 4.670 | -0.002 | 97 | 229745 | 5.00 | 5.03 | |
| | 33 2,4-Dimethylphenol | 122 | 4.736 | 4.734 | 0.001 | 92 | 342185 | 5.00 | 5.54 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.829 | 4.830 | -0.002 | 97 | 521768 | 5.00 | 5.10 | |
| 34 Benzoic acid | 122 | 4.806 | 4.846 | -0.041 | 85 | 87809 | 5.00 | 2.21 | |
| 36 2,4-Dichlorophenol | 162 | 4.908 | 4.907 | 0.000 | 98 | 336972 | 5.00 | 4.99 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.985 | 4.987 | -0.003 | 94 | 366199 | 5.00 | 4.99 | |
| * 38 Naphthalene-d8 | 136 | 5.036 | 5.036 | 0.000 | 99 | 1913110 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.056 | 5.057 | -0.002 | 99 | 1296241 | 5.00 | 5.10 | |
| 40 4-Chloroaniline | 127 | 5.126 | 5.128 | -0.003 | 98 | 155022 | 5.00 | 1.60 | |
| 41 2,6-Dichlorophenol | 162 | 5.126 | 5.128 | -0.003 | 99 | 336420 | 5.00 | 4.98 | |
| 42 Hexachlorobutadiene | 225 | 5.190 | 5.188 | 0.001 | 96 | 186866 | 5.00 | 4.81 | |
| 44 Caprolactam | 55 | 5.446 | 5.447 | -0.002 | 92 | 16884 | 5.00 | 0.6434 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.615 | 5.617 | -0.003 | 95 | 306485 | 5.00 | 4.64 | |
| 46 2-Methylnaphthalene | 142 | 5.730 | 5.732 | -0.003 | 84 | 734526 | 5.00 | 4.42 | |
| 47 1-Methylnaphthalene | 142 | 5.823 | 5.826 | -0.003 | 92 | 770965 | 5.00 | 5.06 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.887 | 5.885 | -0.003 | 97 | 252885 | 5.00 | 6.46 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.894 | 5.892 | -0.002 | 97 | 346432 | 5.00 | 5.23 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.958 | 5.959 | -0.002 | 91 | 508000 | 5.00 | 5.64 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.012 | 6.010 | -0.002 | 91 | 237306 | 5.00 | 5.62 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.044 | 6.042 | -0.002 | 97 | 250342 | 5.00 | 5.47 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.099 | 6.098 | 0.001 | 97 | 1306436 | 10.0 | 7.56 | |
| 54 1,1'-Biphenyl | 154 | 6.188 | 6.191 | -0.002 | 97 | 967907 | 5.00 | 5.38 | |
| 55 2-Chloronaphthalene | 162 | 6.195 | 6.193 | -0.002 | 97 | 731933 | 5.00 | 5.24 | |
| 56 Phenyl ether | 170 | 6.294 | 6.291 | -0.002 | 89 | 532183 | 5.00 | 5.39 | |
| 57 2-Nitroaniline | 65 | 6.307 | 6.305 | -0.002 | 96 | 241626 | 5.00 | 5.52 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.412 | 6.414 | -0.002 | 92 | 568007 | 5.00 | 5.06 | |
| 60 Coumarin | 146 | 6.499 | 6.500 | -0.002 | 82 | 309583 | 5.00 | 5.80 | |
| 59 Dimethyl phthalate | 163 | 6.502 | 6.500 | -0.002 | 99 | 800304 | 5.00 | 5.41 | |
| 61 2,6-Dinitrotoluene | 165 | 6.550 | 6.548 | -0.002 | 96 | 187331 | 5.00 | 5.77 | |
| 62 Acenaphthylene | 152 | 6.589 | 6.587 | -0.001 | 98 | 1261380 | 5.00 | 5.90 | |
| 63 3-Nitroaniline | 138 | 6.701 | 6.706 | -0.005 | 97 | 98277 | 5.00 | 2.61 | |
| * 64 Acenaphthene-d10 | 164 | 6.726 | 6.728 | -0.002 | 96 | 909826 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.755 | 6.757 | -0.002 | 96 | 681261 | 5.00 | 5.29 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.778 | 6.774 | -0.001 | 97 | 572733 | 5.00 | 6.40 | |
| 67 2,4-Dinitrophenol | 184 | 6.803 | 6.803 | -0.005 | 96 | 233871 | 10.0 | 11.7 | |
| 68 4-Nitrophenol | 65 | 6.887 | 6.884 | -0.001 | 88 | 95567 | 10.0 | 4.47 | |
| 70 Dibenzofuran | 168 | 6.922 | 6.919 | -0.001 | 97 | 1031316 | 5.00 | 5.36 | |
| 69 2,4-Dinitrotoluene | 165 | 6.928 | 6.926 | -0.002 | 96 | 238962 | 5.00 | 5.73 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.047 | 7.043 | -0.001 | 95 | 192422 | 5.00 | 5.47 | |
| 72 Diethyl phthalate | 149 | 7.181 | 7.182 | -0.005 | 98 | 784622 | 5.00 | 5.25 | |
| 73 n-Octadecane | 57 | 7.213 | 7.215 | -0.002 | 88 | 467090 | 5.00 | 4.97 | |
| 74 Fluorene | 166 | 7.249 | 7.246 | -0.001 | 94 | 826659 | 5.00 | 5.54 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.265 | 7.262 | -0.001 | 90 | 354103 | 5.00 | 5.31 | |
| 76 4-Nitroaniline | 138 | 7.281 | 7.283 | -0.007 | 88 | 158840 | 5.00 | 4.82 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.313 | 7.317 | -0.004 | 90 | 288739 | 10.0 | 11.4 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.380 | 7.381 | -0.001 | 70 | 553775 | 5.00 | 5.16 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.412 | 7.416 | -0.004 | 50 | 786217 | 5.00 | 5.44 | |
| 131 Azobenzene | 77 | 7.412 | 7.416 | -0.004 | 96 | 786217 | 5.00 | 5.14 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.476 | 7.477 | -0.001 | 92 | 239795 | 10.0 | 8.38 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.727 | 7.726 | 0.000 | 95 | 214472 | 5.00 | 5.27 | |
| 84 Hexachlorobenzene | 284 | 7.768 | 7.768 | 0.000 | 96 | 264484 | 5.00 | 5.23 | |
| 85 Atrazine | 200 | 7.909 | 7.908 | 0.000 | 93 | 129491 | 5.00 | 3.93 | |
| 86 Pentachlorophenol | 266 | 7.964 | 7.963 | 0.000 | 95 | 338820 | 10.0 | 11.3 | |
| 87 Pentachloronitrobenzene | 237 | 7.974 | 7.976 | -0.002 | 89 | 75522 | 5.00 | 4.82 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.131 | 8.133 | -0.002 | 98 | 1544783 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.153 | 8.156 | -0.003 | 98 | 1078891 | 5.00 | 5.26 | |
| 90 Anthracene | 178 | 8.202 | 8.204 | -0.002 | 98 | 1141665 | 5.00 | 5.54 | |
| 81 1-Naphthylamine | 143 | 8.198 | 8.248 | -0.054 | 14 | 93 | | NC | |
| 91 Carbazole | 167 | 8.368 | 8.369 | -0.002 | 96 | 1008682 | 5.00 | 5.62 | |
| 82 2-Naphthylamine | 143 | 8.545 | 8.541 | 0.001 | 49 | 864 | | NC | |
| 92 Di-n-butyl phthalate | 149 | 8.741 | 8.743 | -0.003 | 99 | 1163207 | 5.00 | 5.46 | |
| 93 Fluoranthene | 202 | 9.280 | 9.281 | -0.001 | 97 | 1072573 | 5.00 | 5.86 | |
| 94 Benzidine | 184 | 9.447 | 9.431 | 0.016 | 86 | 873 | 5.00 | 0.0128 | 7 |
| 95 Pyrene | 202 | 9.489 | 9.488 | 0.000 | 96 | 1119098 | 5.00 | 5.00 | |
| 96 Bisphenol-A | 213 | 9.582 | 9.582 | 0.000 | 98 | 156520 | 2.50 | 2.43 | |
| $ 97 Terphenyl-d14 | 244 | 9.669 | 9.672 | -0.003 | 98 | 617760 | 10.0 | 3.55 | |
| 98 Butyl benzyl phthalate | 149 | 10.164 | 10.162 | 0.000 | 96 | 464037 | 5.00 | 5.53 | |
| 100 Carbamazepine | 193 | 10.238 | 10.238 | 0.000 | 93 | 358678 | 5.00 | 5.51 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.675 | 10.675 | -0.001 | 89 | 43862 | 5.00 | 0.7810 | |
| 102 Benzo[a]anthracene | 228 | 10.675 | 10.676 | -0.001 | 100 | 951293 | 5.00 | 5.46 | |
| * 103 Chrysene-d12 | 240 | 10.685 | 10.686 | -0.001 | 99 | 1084980 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.714 | 10.715 | -0.001 | 97 | 903626 | 5.00 | 5.37 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.797 | 10.798 | -0.001 | 85 | 708850 | 5.00 | 5.94 | |
| 106 Di-n-octyl phthalate | 149 | 11.585 | 11.588 | -0.003 | 96 | 1129226 | 5.00 | 5.77 | |
| 107 Benzo[b]fluoranthene | 252 | 11.958 | 11.957 | -0.001 | 98 | 967670 | 5.00 | 5.71 | |
| 108 Benzo[k]fluoranthene | 252 | 11.993 | 11.989 | -0.001 | 98 | 1010040 | 5.00 | 5.68 | |
| 109 Benzo[a]pyrene | 252 | 12.375 | 12.375 | 0.000 | 95 | 984612 | 5.00 | 6.47 | |
| * 110 Perylene-d12 | 264 | 12.453 | 12.452 | 0.001 | 98 | 1229984 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.888 | 13.889 | -0.003 | 100 | 1134571 | 5.00 | 5.96 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.933 | 13.927 | -0.006 | 97 | 1063987 | 5.00 | 5.62 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.242 | 14.241 | -0.001 | 95 | 1194077 | 5.00 | 6.21 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 7.22 | |
| 126 4,4'-DDT | 235 | 5.887 | 5.863 | 0.024 | 74 | 156095 | | NR | |

## QC Flag Legend

Processing Flags

NR - Missing Quant Standard
NC - Not Calibrated
E - Exceeded Maximum Amount
7 - Failed Limit of Detection

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 15:02:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348537.D

Injection Date: 09-Mar-2025 19:45:30 Instrument ID: CBNAMS17

Lims ID: 460-321765-E-6-B MS

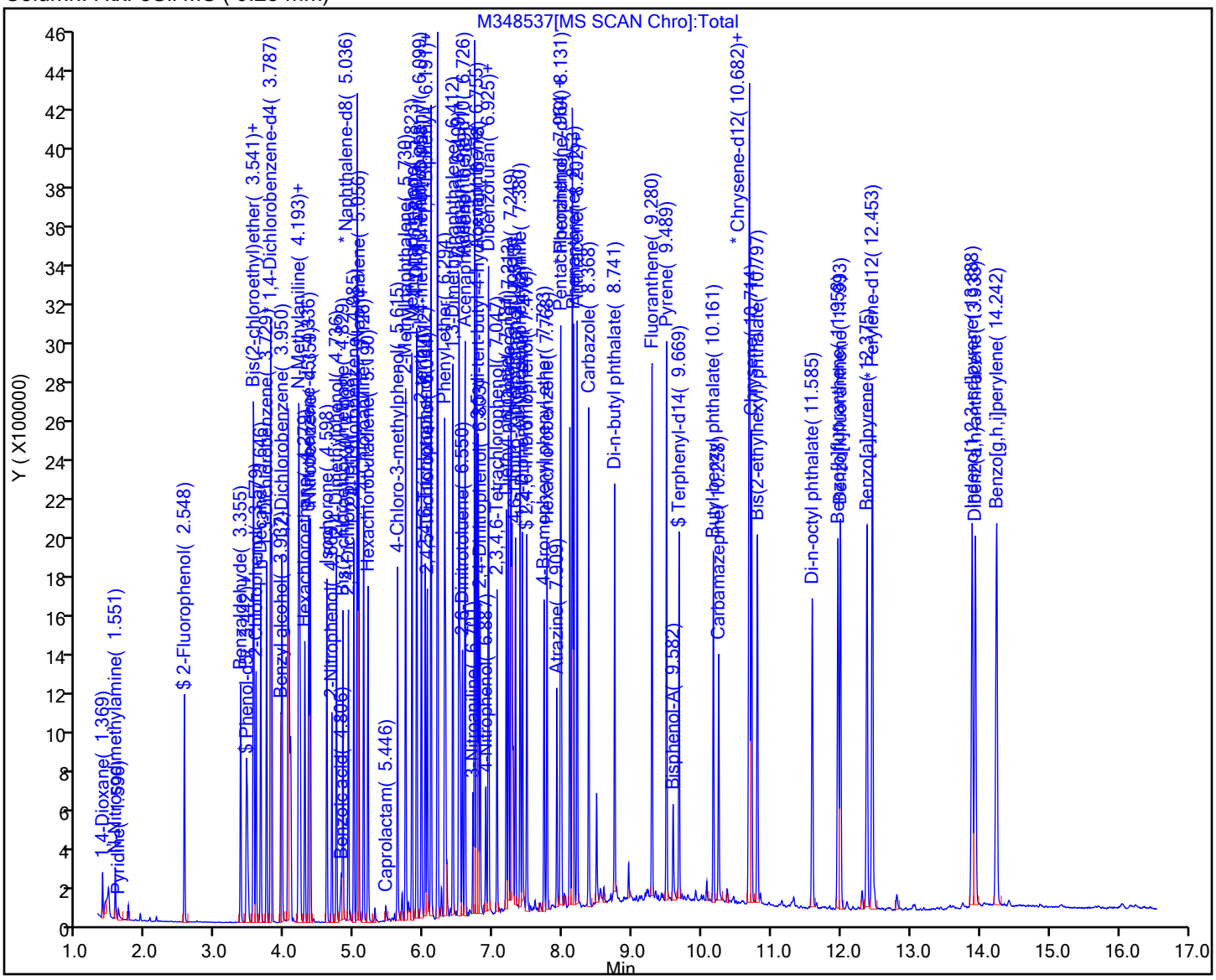
Client ID: HHMW-09S1

Operator ID: ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348537.D
Lims ID: 460-321765-E-6-B MS
Client ID: HHMW-09S1
Sample Type: MS
Inject. Date: 09-Mar-2025 19:45:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-018
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 15:01:59 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 15:02:17

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.17 | 41.68 |
| $ 6 Phenol-d5 | 10.0 | 2.66 | 26.60 |
| $ 28 Nitrobenzene-d5 | 10.0 | 7.82 | 78.21 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.56 | 75.61 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 8.38 | 83.81 |
| $ 97 Terphenyl-d14 | 10.0 | 3.55 | 35.50 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-321765-1

SDG No.:

Client Sample ID: HHMW-09S1 MSD | Lab Sample ID: 460-321765-6 MSD

Matrix: Water | Lab File ID: M348538.D

Analysis Method: 8270E | Date Collected: 03/04/2025 12:30

Extract. Method: 3510C | Date Extracted: 03/09/2025 13:27

Sample wt/vol: 250(mL) | Date Analyzed: 03/09/2025 20:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1024950 | Units: ug/L

Preparation Batch No.: 1024840 | Instrument ID: CBNAMS17

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 29.8 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 34.9 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 39.2 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 33.7 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 33.1 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 38.7 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 34.0 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 36.8 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 33.0 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 32.3 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 32.0 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 34.3 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 34.5 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 35.8 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 35.6 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 33.0 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 30.1 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 66 | | 46-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 72 | | 51-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 26 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348538.D
Lims ID: 460-321765-E-6-C MSD
Client ID: HHMW-09S1
Sample Type: MSD
Inject. Date: 09-Mar-2025 20:07:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-019
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 15:03:03 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 15:03:20

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.366 | 1.363 | 0.003 | 91 | 60038 | 5.00 | 1.76 | |
| 2 N-Nitrosodimethylamine | 74 | 1.551 | 1.543 | 0.006 | 99 | 93937 | 5.00 | 1.76 | |
| 3 Pyridine | 79 | 1.596 | 1.568 | 0.028 | 99 | 24615 | 10.0 | 0.3262 | |
| $ 4 2-Fluorophenol | 112 | 2.548 | 2.545 | 0.003 | 97 | 304539 | 10.0 | 3.56 | |
| 5 Benzaldehyde | 77 | 3.355 | 3.357 | -0.002 | 96 | 389671 | 5.00 | 5.56 | E |
| $ 6 Phenol-d5 | 99 | 3.438 | 3.443 | -0.005 | 0 | 238204 | 10.0 | 2.16 | |
| 7 Phenol | 94 | 3.451 | 3.451 | -0.005 | 96 | 157607 | 5.00 | 1.32 | |
| 8 Aniline | 93 | 3.467 | 3.467 | 0.001 | 89 | 41142 | 5.00 | 0.3308 | a |
| 9 Bis(2-chloroethyl)ether | 93 | 3.537 | 3.537 | -0.002 | 98 | 369034 | 5.00 | 4.26 | |
| 10 Benzonitrile | 103 | 3.544 | 3.549 | -0.005 | 97 | 817093 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.579 | 3.579 | -0.002 | 98 | 335045 | 5.00 | 3.72 | |
| 13 n-Decane | 43 | 3.646 | 3.648 | -0.002 | 85 | 230613 | 5.00 | 3.28 | |
| 14 1,3-Dichlorobenzene | 146 | 3.729 | 3.726 | -0.002 | 97 | 417543 | 5.00 | 4.23 | |
| * 15 1,4-Dichlorobenzene-d4 | 152 | 3.787 | 3.789 | -0.001 | 95 | 515058 | 8.00 | 8.00 | |
| 16 1,4-Dichlorobenzene | 146 | 3.803 | 3.799 | -0.002 | 95 | 426787 | 5.00 | 4.32 | |
| 17 Benzyl alcohol | 108 | 3.934 | 3.930 | -0.002 | 95 | 137798 | 5.00 | 2.41 | |
| 19 1,2-Dichlorobenzene | 146 | 3.950 | 3.946 | -0.002 | 98 | 406834 | 5.00 | 4.26 | |
| 20 2-Methylphenol | 108 | 4.055 | 4.051 | -0.002 | 94 | 248699 | 5.00 | 3.20 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.074 | 4.074 | 0.004 | 97 | 374089 | 5.00 | 3.87 | a |
| 24 N-Methylaniline | 106 | 4.186 | 4.187 | -0.002 | 96 | 135355 | 5.00 | 1.08 | |
| 26 Acetophenone | 105 | 4.193 | 4.195 | -0.002 | 90 | 531094 | 5.00 | 4.28 | |
| 25 N-Nitrosodi-n-propylamine | 70 | 4.202 | 4.198 | -0.002 | 81 | 251730 | 5.00 | 4.28 | |
| 22 4-Methylphenol | 108 | 4.212 | 4.208 | -0.002 | 98 | 231083 | 5.00 | 2.76 | |
| 23 3 & 4 Methylphenol | 108 | 4.212 | 4.208 | -0.002 | 0 | 232402 | 5.00 | 2.76 | |
| 12 2-Toluidine | 107 | 4.212 | 4.261 | -0.049 | 61 | 265573 | | NC | |
| 27 Hexachloroethane | 117 | 4.279 | 4.275 | -0.002 | 97 | 154262 | 5.00 | 4.20 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.336 | 4.339 | -0.003 | 84 | 642330 | 10.0 | 7.15 | |
| 29 Nitrobenzene | 123 | 4.356 | 4.357 | -0.002 | 98 | 190934 | 5.00 | 4.46 | |
| 30 n,n'-Dimethylaniline | 120 | 4.362 | 4.358 | -0.002 | 92 | 158875 | 5.00 | 1.19 | |
| 31 Isophorone | 82 | 4.595 | 4.598 | -0.003 | 98 | 668098 | 5.00 | 4.47 | |
| 32 2-Nitrophenol | 139 | 4.669 | 4.670 | -0.002 | 96 | 194480 | 5.00 | 4.31 | |
| 33 2,4-Dimethylphenol | 122 | 4.736 | 4.734 | 0.001 | 92 | 281793 | 5.00 | 4.62 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Bis(2-chloroethoxy)methane | 93 | 4.829 | 4.830 | -0.002 | 96 | 447260 | 5.00 | 4.43 | |
| 34 Benzoic acid | 122 | 4.803 | 4.846 | -0.044 | 85 | 77462 | 5.00 | 2.03 | |
| 36 2,4-Dichlorophenol | 162 | 4.908 | 4.907 | 0.000 | 98 | 281307 | 5.00 | 4.22 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.985 | 4.987 | -0.003 | 95 | 309039 | 5.00 | 4.27 | |
| * 38 Naphthalene-d8 | 136 | 5.036 | 5.036 | 0.000 | 99 | 1888744 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.056 | 5.057 | -0.002 | 99 | 1116581 | 5.00 | 4.45 | |
| 40 4-Chloroaniline | 127 | 5.126 | 5.128 | -0.003 | 96 | 62748 | 5.00 | 0.6575 | |
| 41 2,6-Dichlorophenol | 162 | 5.126 | 5.128 | -0.003 | 98 | 286590 | 5.00 | 4.29 | |
| 42 Hexachlorobutadiene | 225 | 5.190 | 5.188 | 0.001 | 96 | 148352 | 5.00 | 3.87 | |
| 44 Caprolactam | 55 | 5.442 | 5.447 | -0.006 | 94 | 20966 | 5.00 | 0.8093 | |
| 45 4-Chloro-3-methylphenol | 107 | 5.615 | 5.617 | -0.003 | 95 | 253282 | 5.00 | 3.89 | |
| 46 2-Methylnaphthalene | 142 | 5.730 | 5.732 | -0.003 | 85 | 610857 | 5.00 | 3.72 | |
| 47 1-Methylnaphthalene | 142 | 5.823 | 5.826 | -0.003 | 92 | 657052 | 5.00 | 4.37 | |
| 48 Hexachlorocyclopentadiene | 237 | 5.887 | 5.885 | -0.003 | 97 | 187251 | 5.00 | 4.77 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 5.893 | 5.892 | -0.003 | 98 | 276154 | 5.00 | 4.16 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 5.957 | 5.959 | -0.003 | 91 | 431852 | 5.00 | 4.85 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.012 | 6.010 | -0.002 | 90 | 199894 | 5.00 | 4.72 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.044 | 6.042 | -0.002 | 97 | 209957 | 5.00 | 4.57 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.098 | 6.098 | 0.000 | 97 | 1136008 | 10.0 | 6.56 | |
| 54 1,1'-Biphenyl | 154 | 6.188 | 6.191 | -0.002 | 96 | 789729 | 5.00 | 4.38 | |
| 55 2-Chloronaphthalene | 162 | 6.194 | 6.193 | -0.003 | 99 | 612304 | 5.00 | 4.37 | |
| 56 Phenyl ether | 170 | 6.293 | 6.291 | -0.003 | 88 | 436378 | 5.00 | 4.41 | |
| 57 2-Nitroaniline | 65 | 6.306 | 6.305 | -0.003 | 96 | 195574 | 5.00 | 4.46 | |
| 58 1,3-Dimethylnaphthalene | 156 | 6.412 | 6.414 | -0.002 | 92 | 457267 | 5.00 | 4.06 | |
| 60 Coumarin | 146 | 6.498 | 6.500 | -0.003 | 82 | 256483 | 5.00 | 4.87 | |
| 59 Dimethyl phthalate | 163 | 6.502 | 6.500 | -0.002 | 99 | 675574 | 5.00 | 4.55 | |
| 61 2,6-Dinitrotoluene | 165 | 6.550 | 6.548 | -0.002 | 95 | 158054 | 5.00 | 4.86 | |
| 62 Acenaphthylene | 152 | 6.588 | 6.587 | -0.002 | 98 | 1048493 | 5.00 | 4.89 | |
| 63 3-Nitroaniline | 138 | 6.700 | 6.706 | -0.006 | 95 | 54428 | 5.00 | 1.44 | |
| * 64 Acenaphthene-d10 | 164 | 6.726 | 6.728 | -0.002 | 95 | 912023 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.755 | 6.757 | -0.002 | 96 | 563836 | 5.00 | 4.37 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.777 | 6.774 | -0.002 | 98 | 441243 | 5.00 | 4.92 | |
| 67 2,4-Dinitrophenol | 184 | 6.803 | 6.803 | -0.005 | 95 | 197397 | 10.0 | 9.99 | |
| 68 4-Nitrophenol | 65 | 6.886 | 6.884 | -0.002 | 86 | 68969 | 10.0 | 3.22 | |
| 70 Dibenzofuran | 168 | 6.921 | 6.919 | -0.002 | 97 | 827856 | 5.00 | 4.29 | |
| 69 2,4-Dinitrotoluene | 165 | 6.928 | 6.926 | -0.002 | 95 | 200634 | 5.00 | 4.80 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.046 | 7.043 | -0.002 | 94 | 158892 | 5.00 | 4.50 | |
| 72 Diethyl phthalate | 149 | 7.181 | 7.182 | -0.005 | 98 | 648128 | 5.00 | 4.33 | |
| 73 n-Octadecane | 57 | 7.213 | 7.215 | -0.002 | 88 | 343023 | 5.00 | 3.73 | |
| 74 Fluorene | 166 | 7.248 | 7.246 | -0.002 | 93 | 645859 | 5.00 | 4.32 | |
| 75 4-Chlorophenyl phenyl ether | 204 | 7.264 | 7.262 | -0.002 | 90 | 272736 | 5.00 | 4.08 | |
| 76 4-Nitroaniline | 138 | 7.280 | 7.283 | -0.008 | 87 | 112975 | 5.00 | 3.42 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.312 | 7.317 | -0.005 | 88 | 239165 | 10.0 | 9.66 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.380 | 7.381 | -0.001 | 71 | 471105 | 5.00 | 4.48 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.412 | 7.416 | -0.004 | 50 | 607749 | 5.00 | 4.29 | |
| 131 Azobenzene | 77 | 7.412 | 7.416 | -0.004 | 96 | 607749 | 5.00 | 4.06 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.476 | 7.477 | -0.001 | 92 | 213721 | 10.0 | 7.45 | |
| 83 4-Bromophenyl phenyl ether | 248 | 7.726 | 7.726 | -0.001 | 92 | 161968 | 5.00 | 4.06 | |
| 84 Hexachlorobenzene | 284 | 7.768 | 7.768 | 0.000 | 97 | 193468 | 5.00 | 3.90 | |
| 85 Atrazine | 200 | 7.909 | 7.908 | 0.000 | 93 | 171280 | 5.00 | 5.31 | |
| 86 Pentachlorophenol | 266 | 7.963 | 7.963 | -0.001 | 95 | 269000 | 10.0 | 9.12 | |
| 87 Pentachloronitrobenzene | 237 | 7.973 | 7.976 | -0.003 | 89 | 57869 | 5.00 | 3.77 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.130 | 8.133 | -0.003 | 99 | 1513798 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.153 | 8.156 | -0.003 | 98 | 828594 | 5.00 | 4.12 | |
| 90 Anthracene | 178 | 8.201 | 8.204 | -0.003 | 98 | 848975 | 5.00 | 4.21 | |
| 81 1-Naphthylamine | 143 | 8.284 | 8.248 | 0.032 | 42 | 50 | | NC | |
| 91 Carbazole | 167 | 8.368 | 8.369 | -0.002 | 96 | 826975 | 5.00 | 4.70 | |
| 82 2-Naphthylamine | 143 | 8.534 | 8.541 | -0.010 | 51 | 557 | | NC | |
| 92 Di-n-butyl phthalate | 149 | 8.740 | 8.743 | -0.004 | 99 | 852812 | 5.00 | 4.09 | |
| 93 Fluoranthene | 202 | 9.279 | 9.281 | -0.002 | 97 | 767987 | 5.00 | 4.28 | |
| 94 Benzidine | 184 | 9.398 | 9.431 | -0.033 | 56 | 705 | 5.00 | 0.0105 | 7 |
| 95 Pyrene | 202 | 9.488 | 9.488 | -0.001 | 96 | 807440 | 5.00 | 3.76 | |
| 96 Bisphenol-A | 213 | 9.581 | 9.582 | -0.001 | 98 | 122499 | 2.50 | 1.98 | |
| $ 97 Terphenyl-d14 | 244 | 9.668 | 9.672 | -0.004 | 98 | 426087 | 10.0 | 2.55 | |
| 98 Butyl benzyl phthalate | 149 | 10.163 | 10.162 | -0.001 | 97 | 326382 | 5.00 | 4.06 | |
| 100 Carbamazepine | 193 | 10.240 | 10.238 | 0.002 | 93 | 279026 | 5.00 | 4.60 | |
| 101 3,3'-Dichlorobenzidine | 252 | 10.674 | 10.675 | -0.002 | 54 | 3615 | 5.00 | 0.1632 | 7 |
| 102 Benzo[a]anthracene | 228 | 10.674 | 10.676 | -0.002 | 100 | 691120 | 5.00 | 4.14 | |
| * 103 Chrysene-d12 | 240 | 10.684 | 10.686 | -0.002 | 99 | 1040446 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.713 | 10.715 | -0.002 | 98 | 650697 | 5.00 | 4.03 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 10.797 | 10.798 | -0.001 | 85 | 496358 | 5.00 | 4.37 | |
| 106 Di-n-octyl phthalate | 149 | 11.587 | 11.588 | -0.001 | 96 | 797329 | 5.00 | 4.13 | |
| 107 Benzo[b]fluoranthene | 252 | 11.957 | 11.957 | -0.002 | 97 | 711443 | 5.00 | 4.25 | |
| 108 Benzo[k]fluoranthene | 252 | 11.992 | 11.989 | -0.002 | 98 | 725651 | 5.00 | 4.13 | |
| 109 Benzo[a]pyrene | 252 | 12.372 | 12.375 | -0.003 | 95 | 728151 | 5.00 | 4.84 | |
| * 110 Perylene-d12 | 264 | 12.452 | 12.452 | 0.000 | 98 | 1215261 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 13.888 | 13.889 | -0.003 | 98 | 841389 | 5.00 | 4.47 | |
| 112 Dibenz(a,h)anthracene | 278 | 13.933 | 13.927 | -0.006 | 98 | 749231 | 5.00 | 4.01 | |
| 113 Benzo[g,h,i]perylene | 276 | 14.239 | 14.241 | -0.004 | 95 | 874162 | 5.00 | 4.60 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 5.96 | |
| 126 4,4'-DDT | 235 | 5.887 | 5.863 | 0.024 | 76 | 118144 | | NR | |

## QC Flag Legend

Processing Flags

NR - Missing Quant Standard
NC - Not Calibrated
E - Exceeded Maximum Amount
7 - Failed Limit of Detection

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Mar-2025 15:03:21 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348538.D

Injection Date: 09-Mar-2025 20:07:30 Instrument ID: CBNAMS17

Lims ID: 460-321765-E-6-C MSD

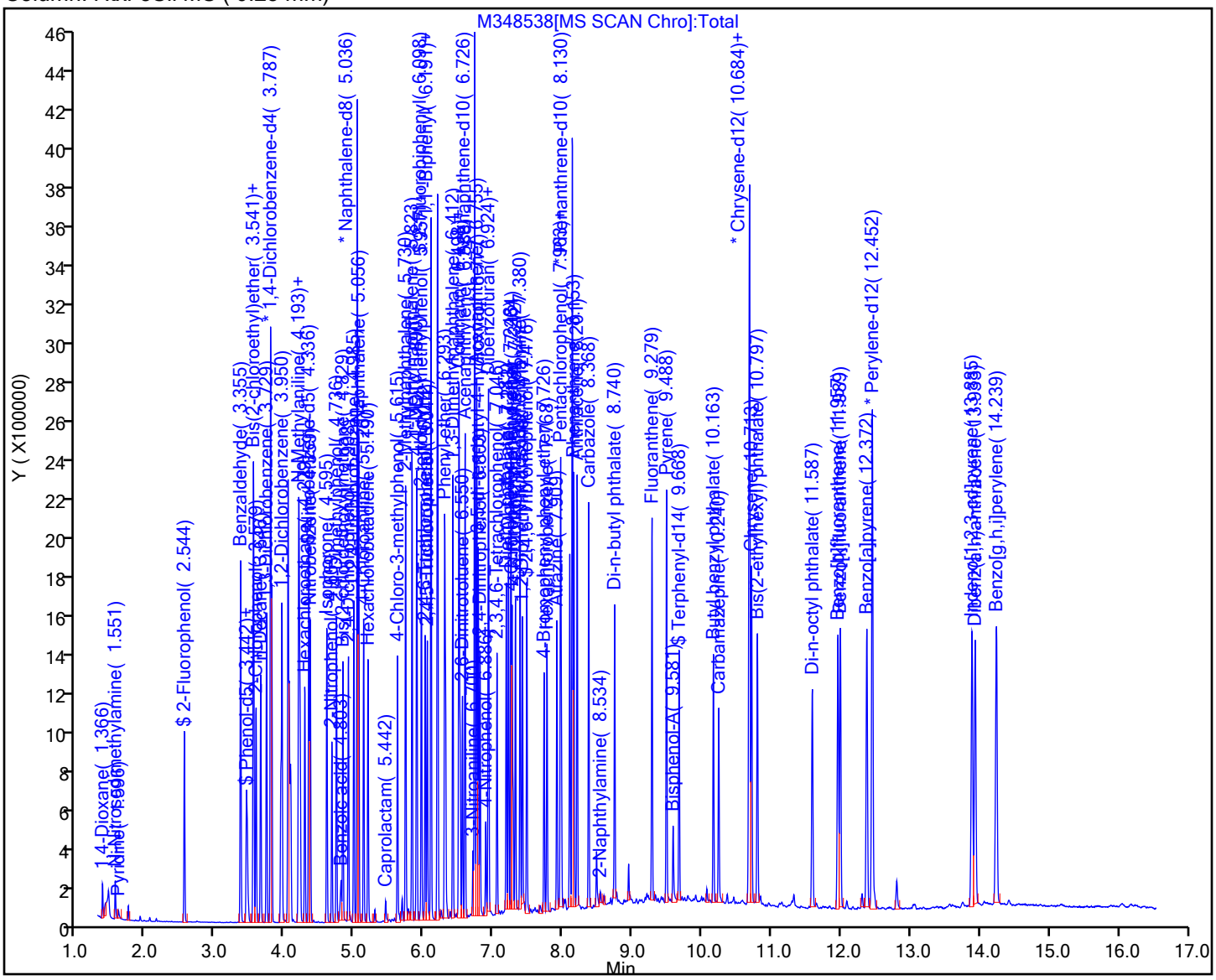
Client ID: HHMW-09S1

Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\M348538.D
Lims ID: 460-321765-E-6-C MSD
Client ID: HHMW-09S1
Sample Type: MSD
Inject. Date: 09-Mar-2025 20:07:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0187747-019
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250309-187747.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 10-Mar-2025 15:03:03 Calib Date: 28-Feb-2025 09:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250228-187398.b\M348225.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C8UP Date: 10-Mar-2025 15:03:20

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 3.56 | 35.61 |
| $ 6 Phenol-d5 | 10.0 | 2.16 | 21.64 |
| $ 28 Nitrobenzene-d5 | 10.0 | 7.15 | 71.54 |
| $ 53 2-Fluorobiphenyl | 10.0 | 6.56 | 65.59 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 7.45 | 74.51 |
| $ 97 Terphenyl-d14 | 10.0 | 2.55 | 25.53 |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 02/28/2025 06:09

Analysis Batch Number: 1023441 End Date: 02/28/2025 10:18

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| DFTPP 460-1023441/1 | | 02/28/2025 06:09 | 1 | M348215.D | Rtxi-5Sil MS 0.25(mm) |
| ICIS 460-1023441/2 | | 02/28/2025 06:24 | 1 | M348216.D | Rtxi-5Sil MS 0.25(mm) |
| STD24 460-1023441/3 IC | | 02/28/2025 06:44 | 1 | M348217.D | Rtxi-5Sil MS 0.25(mm) |
| STD16 460-1023441/4 IC | | 02/28/2025 07:06 | 1 | M348218.D | Rtxi-5Sil MS 0.25(mm) |
| STD4 460-1023441/5 IC | | 02/28/2025 07:27 | 1 | M348219.D | Rtxi-5Sil MS 0.25(mm) |
| STD2 460-1023441/6 IC | | 02/28/2025 07:47 | 1 | M348220.D | Rtxi-5Sil MS 0.25(mm) |
| STD1 460-1023441/7 IC | | 02/28/2025 08:09 | 1 | M348221.D | Rtxi-5Sil MS 0.25(mm) |
| STD04 460-1023441/8 IC | | 02/28/2025 08:30 | 1 | M348222.D | Rtxi-5Sil MS 0.25(mm) |
| STD01 460-1023441/10 IC | | 02/28/2025 09:11 | 1 | M348224.D | Rtxi-5Sil MS 0.25(mm) |
| STD02 460-1023441/11 IC | | 02/28/2025 09:34 | 1 | M348225.D | Rtxi-5Sil MS 0.25(mm) |
| ICV 460-1023441/12 | | 02/28/2025 10:18 | 1 | M348226.D | Rtxi-5Sil MS 0.25(mm) |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 03/08/2025 11:03

Analysis Batch Number: 1024844 End Date: 03/08/2025 16:24

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1024844/2 | | 03/08/2025 11:03 | 1 | M348486.D | Rtxi-5Sil MS 0.25(mm) |
| LCS 460-1024840/2-A | | 03/08/2025 11:45 | 1 | M348488.D | Rtxi-5Sil MS 0.25(mm) |
| LCSD 460-1024840/3-A | | 03/08/2025 12:13 | 1 | M348489.D | Rtxi-5Sil MS 0.25(mm) |
| MB 460-1024840/1-A | | 03/08/2025 12:34 | 1 | M348490.D | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 12:55 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 13:16 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 13:36 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 13:57 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 14:18 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 14:39 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 15:00 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 03/08/2025 15:21 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 03/08/2025 15:42 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 16:03 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/08/2025 16:24 | 1 | | Rtxi-5Sil MS 0.25(mm) |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-321765-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 03/09/2025 13:56

Analysis Batch Number: 1024950 End Date: 03/09/2025 21:10

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1024950/2 | | 03/09/2025 13:56 | 1 | M348521.D | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 03/09/2025 14:51 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 03/09/2025 15:12 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 03/09/2025 15:33 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/09/2025 15:54 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-2 | FB-030425 | 03/09/2025 16:15 | 1 | M348527.D | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-3 | HHMW-05S2-R | 03/09/2025 16:36 | 1 | M348528.D | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-4 | HHMW-19S1 | 03/09/2025 16:58 | 1 | M348529.D | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-7 | HHMW-14 | 03/09/2025 17:18 | 1 | M348530.D | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-8 | DUP-01 | 03/09/2025 17:39 | 1 | M348531.D | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/09/2025 18:01 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/09/2025 18:21 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/09/2025 18:42 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/09/2025 19:04 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-6 | HHMW-09S1 | 03/09/2025 19:25 | 1 | M348536.D | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-6 MS | HHMW-09S1 MS | 03/09/2025 19:45 | 1 | M348537.D | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-6 MSD | HHMW-09S1 MSD | 03/09/2025 20:07 | 1 | M348538.D | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/09/2025 20:28 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 03/09/2025 20:49 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| 460-321765-5 | MW-03 | 03/09/2025 21:10 | 1 | M348541.D | Rtxi-5Sil MS 0.25(mm) |

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Batch Number: 1023441  Batch Start Date: 02/28/25 06:09  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SMDFTP_CH 00037 | SV_BNAL1_LVI 00006 | SV_BNAL2_LVI 00006 | SV_BNAL3_LVI 00008 | SV_BNAL4_LVI 00008 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1023441/1 | | 8270E | | | 1 mL | 1 mL | | | | |
| ICIS 460-1023441/2 | | 8270E | | | 1 mL | | | | | |
| STD24 460-1023441/3 IC | | 8270E | | | 1 mL | | | | | |
| STD16 460-1023441/4 IC | | 8270E | | | 1 mL | | | | | |
| STD4 460-1023441/5 IC | | 8270E | | | 1 mL | | | | | |
| STD2 460-1023441/6 IC | | 8270E | | | 1 mL | | | | | |
| STD1 460-1023441/7 IC | | 8270E | | | 1 mL | | | | | 1 mL |
| STD04 460-1023441/8 IC | | 8270E | | | 1 mL | | | | 1 mL | |
| STD01 460-1023441/10 IC | | 8270E | | | 1 mL | | 1 mL | | | |
| STD02 460-1023441/11 IC | | 8270E | | | 1 mL | | | 1 mL | | |
| ICV 460-1023441/12 | | 8270E | | | 1 mL | | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNAL5_LVI 00008 | SV_BNAL6_LVI 00009 | SV_BNAL7_LVI 00009 | SV_BNAL8_LVI 00008 | SV_BNAL9_LVI 00007 | SV_ICV_ LVI 00012 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1023441/1 | | 8270E | | | | | | | | |
| ICIS 460-1023441/2 | | 8270E | | | | | 1 mL | | | |
| STD24 460-1023441/3 IC | | 8270E | | | | | | | 1 mL | |

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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Batch Number: 1023441  Batch Start Date: 02/28/25 06:09  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNAL5_LVI 00008 | SV_BNAL6_LVI 00009 | SV_BNAL7_LVI 00009 | SV_BNAL8_LVI 00008 | SV_BNAL9_LVI 00007 | SV_ICV_ LVI 00012 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD16 460-1023441/4 IC | | 8270E | | | | | | 1 mL | | |
| STD4 460-1023441/5 IC | | 8270E | | | | 1 mL | | | | |
| STD2 460-1023441/6 IC | | 8270E | | | 1 mL | | | | | |
| STD1 460-1023441/7 IC | | 8270E | | | | | | | | |
| STD04 460-1023441/8 IC | | 8270E | | | | | | | | |
| STD01 460-1023441/10 IC | | 8270E | | | | | | | | |
| STD02 460-1023441/11 IC | | 8270E | | | | | | | | |
| ICV 460-1023441/12 | | 8270E | | | | | | | | 1 mL |

| 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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Batch Number: 1024840  Batch Start Date: 03/08/25 10:26  Batch Analyst: Patel, Nehaben M

Batch Method: 3510C  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ReceivedpH | FirstAdjustpH | SecondAdjustpH | OP_Benzald_sp 00023 |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1024840/1 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | |
| LCS 460-1024840/2 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | 5 uL |
| LCSD 460-1024840/3 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | 5 uL |
| 460-321765-E-2 | FB-030425 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 5 SU | <2 SU | >12 SU | |
| 460-321765-E-3 | HHMW-05S2-R | 3510C, 8270E | Water | T | 250 mL | 2 mL | 6 SU | <2 SU | >12 SU | |
| 460-321765-E-4 | HHMW-19S1 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | |
| 460-321765-E-5 | MW-03 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | |
| 460-321765-E-7 | HHMW-14 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 5 SU | <2 SU | >12 SU | |
| 460-321765-E-8 | DUP-01 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | |
| 460-321765-E-6 | HHMW-09S1 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | |
| 460-321765-E-6 MS | HHMW-09S1 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | 5 uL |
| 460-321765-E-6 MSD | HHMW-09S1 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | 5 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | OP_BNA SPIK 00055 | OP_BNASurroga 00031 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1024840/1 | | 3510C, 8270E | | | | 200 uL | | | | |
| LCS 460-1024840/2 | | 3510C, 8270E | | | 200 uL | 200 uL | | | | |
| LCSD 460-1024840/3 | | 3510C, 8270E | | | 200 uL | 200 uL | | | | |
| 460-321765-E-2 | FB-030425 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-321765-E-3 | HHMW-05S2-R | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-321765-E-4 | HHMW-19S1 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-321765-E-5 | MW-03 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-321765-E-7 | HHMW-14 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-321765-E-8 | DUP-01 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-321765-E-6 | HHMW-09S1 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-321765-E-6 MS | HHMW-09S1 | 3510C, 8270E | Water | T | 100 uL | 200 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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-321765-1

SDG No.:

Batch Number: 1024840  Batch Start Date: 03/08/25 10:26  Batch Analyst: Patel, Nehaben M

Batch Method: 3510C  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | OP_BNA SPIK 00055 | OP_BNASurroga 00031 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 460-321765-E-6 MSD | HHMW-09S1 | 3510C, 8270E | Water | T | 100 uL | 200 uL | | | | |

| Batch Notes | |
|---|---|
| Method/Fraction | 3510C_LVI / 8270E |
| Balance is Level? (Y/N) | yes |
| pH Indicator ID | VWR: 10BDH1341 |
| Analyst ID - Extraction | NP |
| Analyst ID - Spike Analyst | NP |
| Analyst ID - Spike Witness Analyst | BP |
| Sufficient Volume for Batch QC | Yes |
| Acid Used for pH Adjustment ID | Fisher: 242206 |
| Base Used to Adjust pH ID | VWR: 24H1456377 |
| Prep Solvent ID | JT Baker Dichloromethane: 362011 |
| Prep Solvent Volume Used | 40ml mL |
| Na2SO4 ID | Fisher: 232415 |
| Analyst ID - Concentration | NP |
| Equipment ID - Concentration 1 | N-EVAP: 36337 |
| Thermometer ID - Concentration 1 | N-EVAP: 36337 |
| Concentration 1 Uncorrected Temperature | 35 Degrees C |
| Concentration 1 Corrected Temperature | 35 Degrees C |
| Vial Lot Number | Agilent Technologies: 21046158 |
| Batch Comment | BNA Water |

| 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

**TestAmerica New York City**
47-32 32nd Place
Suite 1141
Long Island City NY 11101-2425
phone 347.507.0579 fax

# Chain of Custody Record

TestAme
THE LEADER IN ENVIRONME

321765

**Regulatory Program** ☑ DW ☐ NPDES ☐ RCRA ☐ Other

**TestAmerica Labo**

| Client Contact | Project Manager: Chris Morris | Site Contact: Tom Johansen | Date: 3/4/25 | COC No: |
|---|---|---|---|---|
| GEI Consultants Inc. P C. | Tel/Fax: (631) 759-2967 | Lab Contact: Kristyn Tempe | Carrier: Test America | 1 of 1 |
| 1000 New York Avenue | Analysis Turnaround Time | | | D Iannotta, C. Hayes |
| Huntington Station, Suite B, NY 11746 | ☐ CALENDAR DAYS ☐ WORKING DAYS | | | For Lab Use Only: |
| Phone: (631) 760 - 9300 | TAT if different from Below standard | | | Walk-in Client: |
| FAX: (631) 760 - 9301 | ☐ 2 weeks | | | Lab Sampling |
| Project Name: National Grid Downstate - GW Monitoring | ☐ 1 week | | | |
| Site: Halesite | ☐ 2 days | | | Job / SDG No. |
| P O # 1905774 | ☐ 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) | BTEX 8260D | PAH+2-methylnaphthalene 8270E | Sample Specific |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TB-030425 | 1 | 3/4/2025 | - | G | GW | 2 | | | X | | |
| FB-030425 | 2 | 3/4/2025 | 1130 | G | GW | 5 | | | X | X | |
| HHMW-05S2-R | 3 | 3/4/2025 | 0940 | G | GW | 5 | | | X | X | |
| HHMW-19S1 | 4 | 3/4/2025 | 0955 | G | GW | 5 | | | X | X | |
| MW-03 | 5 | 3/4/2025 | 1050 | G | GW | 5 | | | X | X | |
| HHMW-09S1 | 6 | 3/4/2025 | 1230 | G | GW | 15 | | Y | X | X | MS/MSD |
| HHMW 14 | 7 | 3/4/2025 | 1250 | G | GW | 5 | | | X | X | |
| DUP-01 | 8 | 3/4/2025 | | G | GW | 5 | | | X | X | |

460-321765 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:** CAT B Report

| Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | | Cooler Temp. (°C): Obs'd. | Corr'd: | Therm ID No.: |
|---|---|---|---|---|---|
| Relinquished by: | Company: GEI Consultants Inc P C. | Date/Time: 3/4/25 11:00 | Received by: | Company: | Date/Time: |
| Relinquished by: | Company: | Date/Time: 3/5/25 16:00 | Received by: | Company: TAL 3-5-25 | Date/Time: 16:45 |
| Relinquished by: | Company: TAL 3-5-25 | Date/Time: 19:30 | Received in Laboratory by: | Company: ETA | Date/Time: 3/5 1930 |

MO/CS DR #4 3.3/3.7

Form No. CA-C-WI-002, Rev 4.11, da

Page 956 of 958

0113025

# Eurofins TestAmerica Edison
## Receipt Temperature and pH Log

Job Number: 321765

Number of Coolers: 1 IR Gun # 9

### Cooler Temperatures

| | RAW | CORRECTED | | RAW | CORRECTED | | RAW | CORRECTED |
|---|---|---|---|---|---|---|---|---|
| Cooler #1: | 3.3°C | 3.7°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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s). _____ Expiration Date: _____

*The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.*

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 3-5-25

# Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-321765-1

**Login Number: 321765**
**List Number: 1**
**Creator: Nelson, Rose E**

**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. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Christopher Morris
GEI Consultants Inc
1000 New York Avenue
Huntington Station NY 11746

Generated 08/18/2025

## JOB DESCRIPTION

National Grid GW Monitoring

## JOB NUMBER

460-332739-1

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.

## Compliance Statement

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

## Authorization



Generated
08/18/2025

Authorized for release by
Katelyn M Connelly, Project Manager I
Katelyn.Connelly@et.eurofinsus.com

# Table of Contents


Cover Page . . . . . 1
Data Summaries . . . . . 5
Report Narrative . . . . . 5
Sample Summary . . . . . 6
Detection Summary . . . . . 7
Method Summary . . . . . 9
Client Sample Results . . . . . 10
Surrogate Summary . . . . . 19
QC Sample Results . . . . . 20
Definitions . . . . . 26
QC Association . . . . . 27
Chronicle . . . . . 29
Certification Summary . . . . . 32
Reagent Traceability . . . . . 33
COAs . . . . . 114
Organic Sample Data . . . . . 213
GC/MS VOA . . . . . 213
8260D . . . . . 213
8260D QC Summary . . . . . 214
8260D Sample Data . . . . . 224
Standards Data . . . . . 282
8260D ICAL Data . . . . . 282
8260D CCAL Data . . . . . 631
Raw QC Data . . . . . 657
8260D Tune Data . . . . . 657
8260D Blank Data . . . . . 661
8260D LCS/LCSD Data . . . . . 665
8260D MS/MSD Data . . . . . 672
8260D Run Logs . . . . . 682
8260D Prep Data . . . . . 684
GC/MS Semi VOA . . . . . 690
8270E . . . . . 690
8270E QC Summary . . . . . 691
8270E Sample Data . . . . . 710
Standards Data . . . . . 862
8270E ICAL Data . . . . . 862
8270E Resolution Data . . . . . 1234
8270E CCAL Data . . . . . 1244
Raw QC Data . . . . . 1275
8270E Tune Data . . . . . 1275
8270E Blank Data . . . . . 1292

# Table of Contents

8270E LCS/LCSD Data . . . . . 1309
8270E MS/MSD Data . . . . . 1333
8270E Run Logs . . . . . 1345
8270E Prep Data . . . . . 1349
Shipping and Receiving Documents . . . . . 1359
Client Chain of Custody . . . . . 1360
Sample Receipt Checklist . . . . . 1362

**Job Narrative**
**460-332739-1**

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

**Receipt**
The samples were received on 8/13/2025 7:15 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 time was 2.1°C.

**GC/MS VOA**
Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: HHMW-14 (460-332739-1). These results have been reported and qualified.

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

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

# Sample Summary

Client: GEI Consultants Inc
Job ID: 460-332739-1
Project/Site: National Grid GW Monitoring

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 460-332739-1 | HHMW-14 | Water | 08/12/25 09:00 | 08/13/25 19:15 | New York |
| 460-332739-2 | HHMW-19S1 | Water | 08/12/25 09:00 | 08/13/25 19:15 | New York |
| 460-332739-3 | HHMW-13 | Water | 08/12/25 10:00 | 08/13/25 19:15 | New York |
| 460-332739-4 | HHMW-16S1 | Water | 08/12/25 10:55 | 08/13/25 19:15 | New York |
| 460-332739-5 | HHMW-05S2-R | Water | 08/12/25 11:15 | 08/13/25 19:15 | New York |
| 460-332739-6 | MW-03 | Water | 08/12/25 12:05 | 08/13/25 19:15 | New York |
| 460-332739-7 | HHMW-18S1 | Water | 08/12/25 12:05 | 08/13/25 19:15 | New York |
| 460-332739-8 | HHMW-09S1 | Water | 08/12/25 13:35 | 08/13/25 19:15 | New York |
| 460-332739-9 | FB-20250812 | Water | 08/12/25 13:40 | 08/13/25 19:15 | New York |
| 460-332739-10 | TB-20250812 | Water | 08/12/25 00:00 | 08/13/25 19:15 | New York |
| 460-332739-11 | DUP-01 | Water | 08/12/25 00:00 | 08/13/25 19:15 | New York |

# Detection Summary

Client: GEI Consultants Inc
Project/Site: National Grid GW Monitoring

Job ID: 460-332739-1

## Client Sample ID: HHMW-14 — Lab Sample ID: 460-332739-1

No Detections.

## Client Sample ID: HHMW-19S1 — Lab Sample ID: 460-332739-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.47 | | 0.45 | 0.070 | ug/L | 1 | | 8260D | Total/NA |
| Ethylbenzene | 5.7 | | 1.0 | 0.30 | ug/L | 1 | | 8260D | Total/NA |
| Xylenes, Total | 1.7 | J | 2.0 | 0.65 | ug/L | 1 | | 8260D | Total/NA |
| Acenaphthene | 21 | | 10 | 1.1 | ug/L | 1 | | 8270E | Total/NA |
| Fluorene | 4.1 | J | 10 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Naphthalene | 1.0 | J | 2.0 | 0.54 | ug/L | 1 | | 8270E | Total/NA |

## Client Sample ID: HHMW-13 — Lab Sample ID: 460-332739-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Fluoranthene | 1.2 | J | 10 | 0.84 | ug/L | 1 | | 8270E | Total/NA |
| Pyrene | 2.0 | J | 10 | 1.6 | ug/L | 1 | | 8270E | Total/NA |

## Client Sample ID: HHMW-16S1 — Lab Sample ID: 460-332739-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | 2.9 | | 2.0 | 0.65 | ug/L | 1 | | 8260D | Total/NA |

## Client Sample ID: HHMW-05S2-R — Lab Sample ID: 460-332739-5

No Detections.

## Client Sample ID: MW-03 — Lab Sample ID: 460-332739-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.88 | J | 1.0 | 0.30 | ug/L | 1 | | 8260D | Total/NA |
| Xylenes, Total | 5.7 | | 2.0 | 0.65 | ug/L | 1 | | 8260D | Total/NA |
| Acenaphthene | 6.5 | J | 10 | 1.1 | ug/L | 1 | | 8270E | Total/NA |
| Fluoranthene | 1.5 | J | 10 | 0.84 | ug/L | 1 | | 8270E | Total/NA |
| Fluorene | 1.2 | J | 10 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Naphthalene | 3.3 | | 2.0 | 0.54 | ug/L | 1 | | 8270E | Total/NA |
| Phenanthrene | 1.9 | J | 10 | 1.3 | ug/L | 1 | | 8270E | Total/NA |
| Pyrene | 2.1 | J | 10 | 1.6 | ug/L | 1 | | 8270E | Total/NA |

## Client Sample ID: HHMW-18S1 — Lab Sample ID: 460-332739-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1.6 | J | 10 | 1.1 | ug/L | 1 | | 8270E | Total/NA |
| Acenaphthylene | 14 | | 10 | 0.82 | ug/L | 1 | | 8270E | Total/NA |
| Fluorene | 6.8 | J | 10 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Phenanthrene | 4.1 | J | 10 | 1.3 | ug/L | 1 | | 8270E | Total/NA |

## Client Sample ID: HHMW-09S1 — Lab Sample ID: 460-332739-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Toluene | 0.76 | J | 1.0 | 0.38 | ug/L | 1 | | 8260D | Total/NA |
| Xylenes, Total | 6.9 | | 2.0 | 0.65 | ug/L | 1 | | 8260D | Total/NA |
| Acenaphthylene | 2.3 | J | 10 | 0.82 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[a]anthracene | 0.91 | J | 1.0 | 0.59 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[a]pyrene | 4.4 | | 1.0 | 0.41 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[b]fluoranthene | 2.5 | | 2.0 | 0.68 | ug/L | 1 | | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: HHMW-09S1 (Continued)
## Lab Sample ID: 460-332739-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzo[g,h,i]perylene | 6.7 | J | 10 | 0.70 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.76 | J | 1.0 | 0.67 | ug/L | 1 | | 8270E | Total/NA |
| Chrysene | 1.1 | J | 2.0 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Fluoranthene | 0.92 | J | 10 | 0.84 | ug/L | 1 | | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 4.6 | | 2.0 | 0.94 | ug/L | 1 | | 8270E | Total/NA |

## Client Sample ID: FB-20250812
## Lab Sample ID: 460-332739-9

No Detections.

## Client Sample ID: TB-20250812
## Lab Sample ID: 460-332739-10

No Detections.

## Client Sample ID: DUP-01
## Lab Sample ID: 460-332739-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 1.7 | J | 10 | 1.1 | ug/L | 1 | | 8270E | Total/NA |
| Acenaphthylene | 16 | | 10 | 0.82 | ug/L | 1 | | 8270E | Total/NA |
| Fluorene | 6.9 | J | 10 | 0.91 | ug/L | 1 | | 8270E | Total/NA |
| Naphthalene | 0.65 | J | 2.0 | 0.54 | ug/L | 1 | | 8270E | Total/NA |
| Phenanthrene | 3.4 | J | 10 | 1.3 | ug/L | 1 | | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: GEI Consultants Inc
Job ID: 460-332739-1
Project/Site: National Grid GW Monitoring

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260D | Volatile Organic Compounds by GC/MS | SW846 | EET EDI |
| 8270E | Semivolatile Organic Compounds (GC/MS) | SW846 | EET EDI |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | EET EDI |
| 5030C | Purge and Trap | SW846 | EET EDI |

**Protocol References:**

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: HHMW-14
**Lab Sample ID: 460-332739-1**
**Date Collected: 08/12/25 09:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 16:09 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 16:09 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 16:09 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 16:09 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 08/16/25 16:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *70 - 128* | | *08/16/25 16:09* | *1* |
| *4-Bromofluorobenzene* | *87* | | *76 - 120* | | *08/16/25 16:09* | *1* |
| *Dibromofluoromethane (Surr)* | *92* | | *77 - 132* | | *08/16/25 16:09* | *1* |
| *Toluene-d8 (Surr)* | *75* | * | *80 - 120* | | *08/16/25 16:09* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/14/25 20:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *72* | | *38 - 139* | *08/14/25 11:08* | *08/14/25 20:39* | *1* |
| *Nitrobenzene-d5 (Surr)* | *73* | | *39 - 145* | *08/14/25 11:08* | *08/14/25 20:39* | *1* |
| *Terphenyl-d14 (Surr)* | *41* | | *10 - 133* | *08/14/25 11:08* | *08/14/25 20:39* | *1* |

## Client Sample ID: HHMW-19S1
**Lab Sample ID: 460-332739-2**
**Date Collected: 08/12/25 09:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Benzene** | **0.47** | | 0.45 | 0.070 | ug/L | | | 08/16/25 16:32 | 1 |
| **Ethylbenzene** | **5.7** | | 1.0 | 0.30 | ug/L | | | 08/16/25 16:32 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 16:32 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 16:32 | 1 |
| **Xylenes, Total** | **1.7** | **J** | 2.0 | 0.65 | ug/L | | | 08/16/25 16:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *70 - 128* | | *08/16/25 16:32* | *1* |

## Client Sample ID: HHMW-19S1
**Lab Sample ID: 460-332739-2**
**Date Collected: 08/12/25 09:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene* | *107* | | *76 - 120* | | *08/16/25 16:32* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *77 - 132* | | *08/16/25 16:32* | *1* |
| *Toluene-d8 (Surr)* | *89* | | *80 - 120* | | *08/16/25 16:32* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| **Acenaphthene** | **21** | | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| **Fluorene** | **4.1** | **J** | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| **Naphthalene** | **1.0** | **J** | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/14/25 21:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *78* | | *38 - 139* | *08/14/25 11:08* | *08/14/25 21:00* | *1* |
| *Nitrobenzene-d5 (Surr)* | *80* | | *39 - 145* | *08/14/25 11:08* | *08/14/25 21:00* | *1* |
| *Terphenyl-d14 (Surr)* | *45* | | *10 - 133* | *08/14/25 11:08* | *08/14/25 21:00* | *1* |

## Client Sample ID: HHMW-13
**Lab Sample ID: 460-332739-3**
**Date Collected: 08/12/25 10:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 16:55 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 16:55 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 16:55 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 16:55 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 08/16/25 16:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *70 - 128* | | *08/16/25 16:55* | *1* |
| *4-Bromofluorobenzene* | *119* | | *76 - 120* | | *08/16/25 16:55* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *77 - 132* | | *08/16/25 16:55* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | | *08/16/25 16:55* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |

## Client Sample ID: HHMW-13
**Lab Sample ID: 460-332739-3**
**Date Collected: 08/12/25 10:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| **Fluoranthene** | **1.2** | **J** | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |
| **Pyrene** | **2.0** | **J** | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/14/25 21:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *78* | | *38 - 139* | *08/14/25 11:08* | *08/14/25 21:21* | *1* |
| *Nitrobenzene-d5 (Surr)* | *80* | | *39 - 145* | *08/14/25 11:08* | *08/14/25 21:21* | *1* |
| *Terphenyl-d14 (Surr)* | *41* | | *10 - 133* | *08/14/25 11:08* | *08/14/25 21:21* | *1* |

## Client Sample ID: HHMW-16S1
**Lab Sample ID: 460-332739-4**
**Date Collected: 08/12/25 10:55**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 17:17 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 17:17 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 17:17 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 17:17 | 1 |
| **Xylenes, Total** | **2.9** | | 2.0 | 0.65 | ug/L | | | 08/16/25 17:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *89* | | *70 - 128* | | *08/16/25 17:17* | *1* |
| *4-Bromofluorobenzene* | *95* | | *76 - 120* | | *08/16/25 17:17* | *1* |
| *Dibromofluoromethane (Surr)* | *94* | | *77 - 132* | | *08/16/25 17:17* | *1* |
| *Toluene-d8 (Surr)* | *87* | | *80 - 120* | | *08/16/25 17:17* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |

## Client Sample ID: HHMW-16S1
**Lab Sample ID: 460-332739-4**
**Date Collected: 08/12/25 10:55**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/14/25 21:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *75* | | *38 - 139* | *08/14/25 11:08* | *08/14/25 21:43* | *1* |
| *Nitrobenzene-d5 (Surr)* | *77* | | *39 - 145* | *08/14/25 11:08* | *08/14/25 21:43* | *1* |
| *Terphenyl-d14 (Surr)* | *51* | | *10 - 133* | *08/14/25 11:08* | *08/14/25 21:43* | *1* |

## Client Sample ID: HHMW-05S2-R
**Lab Sample ID: 460-332739-5**
**Date Collected: 08/12/25 11:15**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 17:40 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 17:40 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 17:40 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 17:40 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 08/16/25 17:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *70 - 128* | | *08/16/25 17:40* | *1* |
| *4-Bromofluorobenzene* | *102* | | *76 - 120* | | *08/16/25 17:40* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *77 - 132* | | *08/16/25 17:40* | *1* |
| *Toluene-d8 (Surr)* | *89* | | *80 - 120* | | *08/16/25 17:40* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 10:58 | 08/15/25 03:21 | 1 |

## Client Sample ID: HHMW-05S2-R
**Lab Sample ID: 460-332739-5**

**Date Collected: 08/12/25 11:15**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *67* | | *38 - 139* | *08/14/25 10:58* | *08/15/25 03:21* | *1* |
| *Nitrobenzene-d5 (Surr)* | *72* | | *39 - 145* | *08/14/25 10:58* | *08/15/25 03:21* | *1* |
| *Terphenyl-d14 (Surr)* | *28* | | *10 - 133* | *08/14/25 10:58* | *08/15/25 03:21* | *1* |

## Client Sample ID: MW-03
**Lab Sample ID: 460-332739-6**

**Date Collected: 08/12/25 12:05**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 18:03 | 1 |
| **Ethylbenzene** | **0.88** | **J** | 1.0 | 0.30 | ug/L | | | 08/16/25 18:03 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 18:03 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 18:03 | 1 |
| **Xylenes, Total** | **5.7** | | 2.0 | 0.65 | ug/L | | | 08/16/25 18:03 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *70 - 128* | | *08/16/25 18:03* | *1* |
| *4-Bromofluorobenzene* | *108* | | *76 - 120* | | *08/16/25 18:03* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *77 - 132* | | *08/16/25 18:03* | *1* |
| *Toluene-d8 (Surr)* | *90* | | *80 - 120* | | *08/16/25 18:03* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| **Acenaphthene** | **6.5** | **J** | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| **Fluoranthene** | **1.5** | **J** | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| **Fluorene** | **1.2** | **J** | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| **Naphthalene** | **3.3** | | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| **Phenanthrene** | **1.9** | **J** | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |
| **Pyrene** | **2.1** | **J** | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/14/25 22:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *67* | | *38 - 139* | *08/14/25 11:08* | *08/14/25 22:04* | *1* |
| *Nitrobenzene-d5 (Surr)* | *68* | | *39 - 145* | *08/14/25 11:08* | *08/14/25 22:04* | *1* |
| *Terphenyl-d14 (Surr)* | *39* | | *10 - 133* | *08/14/25 11:08* | *08/14/25 22:04* | *1* |

## Client Sample ID: HHMW-18S1
**Lab Sample ID: 460-332739-7**

**Date Collected: 08/12/25 12:05**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 18:26 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 18:26 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 18:26 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 18:26 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 08/16/25 18:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *70 - 128* | | *08/16/25 18:26* | *1* |
| *4-Bromofluorobenzene* | *118* | | *76 - 120* | | *08/16/25 18:26* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *77 - 132* | | *08/16/25 18:26* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | | *08/16/25 18:26* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| **Acenaphthene** | **1.6** | **J** | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| **Acenaphthylene** | **14** | | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| **Fluorene** | **6.8** | **J** | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| **Phenanthrene** | **4.1** | **J** | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/14/25 22:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *66* | | *38 - 139* | *08/14/25 11:08* | *08/14/25 22:26* | *1* |
| *Nitrobenzene-d5 (Surr)* | *69* | | *39 - 145* | *08/14/25 11:08* | *08/14/25 22:26* | *1* |
| *Terphenyl-d14 (Surr)* | *41* | | *10 - 133* | *08/14/25 11:08* | *08/14/25 22:26* | *1* |

## Client Sample ID: HHMW-09S1
**Lab Sample ID: 460-332739-8**

**Date Collected: 08/12/25 13:35**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 18:48 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 18:48 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 18:48 | 1 |
| **Toluene** | **0.76** | **J** | 1.0 | 0.38 | ug/L | | | 08/16/25 18:48 | 1 |
| **Xylenes, Total** | **6.9** | | 2.0 | 0.65 | ug/L | | | 08/16/25 18:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *70 - 128* | | *08/16/25 18:48* | *1* |

## Client Sample ID: HHMW-09S1
**Lab Sample ID: 460-332739-8**
**Date Collected: 08/12/25 13:35**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene* | *113* | | *76 - 120* | | *08/16/25 18:48* | *1* |
| *Dibromofluoromethane (Surr)* | *113* | | *77 - 132* | | *08/16/25 18:48* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | | *08/16/25 18:48* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Acenaphthylene** | **2.3** | **J** | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Benzo[a]anthracene** | **0.91** | **J** | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Benzo[a]pyrene** | **4.4** | | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Benzo[b]fluoranthene** | **2.5** | | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Benzo[g,h,i]perylene** | **6.7** | **J** | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Benzo[k]fluoranthene** | **0.76** | **J** | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Chrysene** | **1.1** | **J** | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Fluoranthene** | **0.92** | **J** | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **4.6** | | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/15/25 00:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *62* | | *38 - 139* | *08/14/25 11:08* | *08/15/25 00:34* | *1* |
| *Nitrobenzene-d5 (Surr)* | *72* | | *39 - 145* | *08/14/25 11:08* | *08/15/25 00:34* | *1* |
| *Terphenyl-d14 (Surr)* | *36* | | *10 - 133* | *08/14/25 11:08* | *08/15/25 00:34* | *1* |

## Client Sample ID: FB-20250812
**Lab Sample ID: 460-332739-9**
**Date Collected: 08/12/25 13:40**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 15:24 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 15:24 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 15:24 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 15:24 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 08/16/25 15:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *70 - 128* | | *08/16/25 15:24* | *1* |
| *4-Bromofluorobenzene* | *97* | | *76 - 120* | | *08/16/25 15:24* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *77 - 132* | | *08/16/25 15:24* | *1* |
| *Toluene-d8 (Surr)* | *85* | | *80 - 120* | | *08/16/25 15:24* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |

## Client Sample ID: FB-20250812
**Lab Sample ID: 460-332739-9**

**Date Collected: 08/12/25 13:40**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/14/25 22:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *73* | | *38 - 139* | *08/14/25 11:08* | *08/14/25 22:47* | *1* |
| *Nitrobenzene-d5 (Surr)* | *73* | | *39 - 145* | *08/14/25 11:08* | *08/14/25 22:47* | *1* |
| *Terphenyl-d14 (Surr)* | *59* | | *10 - 133* | *08/14/25 11:08* | *08/14/25 22:47* | *1* |

## Client Sample ID: TB-20250812
**Lab Sample ID: 460-332739-10**

**Date Collected: 08/12/25 00:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 15:46 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 15:46 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 15:46 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 15:46 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 08/16/25 15:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *70 - 128* | | *08/16/25 15:46* | *1* |
| *4-Bromofluorobenzene* | *102* | | *76 - 120* | | *08/16/25 15:46* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *77 - 132* | | *08/16/25 15:46* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *08/16/25 15:46* | *1* |

## Client Sample ID: DUP-01
**Lab Sample ID: 460-332739-11**

**Date Collected: 08/12/25 00:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 19:11 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 19:11 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 19:11 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 19:11 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 08/16/25 19:11 | 1 |

## Client Sample ID: DUP-01
**Date Collected: 08/12/25 00:00**
**Date Received: 08/13/25 19:15**

## Lab Sample ID: 460-332739-11
**Matrix: Water**

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *70 - 128* | | *08/16/25 19:11* | *1* |
| *4-Bromofluorobenzene* | *114* | | *76 - 120* | | *08/16/25 19:11* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *77 - 132* | | *08/16/25 19:11* | *1* |
| *Toluene-d8 (Surr)* | *92* | | *80 - 120* | | *08/16/25 19:11* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| **Acenaphthene** | **1.7** | **J** | 10 | 1.1 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| **Acenaphthylene** | **16** | | 10 | 0.82 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| **Fluorene** | **6.9** | **J** | 10 | 0.91 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| **Naphthalene** | **0.65** | **J** | 2.0 | 0.54 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| **Phenanthrene** | **3.4** | **J** | 10 | 1.3 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 11:08 | 08/14/25 23:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *76* | | *38 - 139* | *08/14/25 11:08* | *08/14/25 23:09* | *1* |
| *Nitrobenzene-d5 (Surr)* | *79* | | *39 - 145* | *08/14/25 11:08* | *08/14/25 23:09* | *1* |
| *Terphenyl-d14 (Surr)* | *60* | | *10 - 133* | *08/14/25 11:08* | *08/14/25 23:09* | *1* |

# Surrogate Summary

Client: GEI Consultants Inc
Job ID: 460-332739-1
Project/Site: National Grid GW Monitoring

## 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) |
| 460-332739-1 | HHMW-14 | 94 | 87 | 92 | 75 * |
| 460-332739-2 | HHMW-19S1 | 99 | 107 | 101 | 89 |
| 460-332739-3 | HHMW-13 | 103 | 119 | 105 | 102 |
| 460-332739-4 | HHMW-16S1 | 89 | 95 | 94 | 87 |
| 460-332739-5 | HHMW-05S2-R | 95 | 102 | 98 | 89 |
| 460-332739-5 MS | HHMW-05S2-R | 101 | 101 | 99 | 98 |
| 460-332739-5 MSD | HHMW-05S2-R | 96 | 109 | 99 | 96 |
| 460-332739-6 | MW-03 | 98 | 108 | 100 | 90 |
| 460-332739-7 | HHMW-18S1 | 103 | 118 | 110 | 99 |
| 460-332739-8 | HHMW-09S1 | 100 | 113 | 113 | 98 |
| 460-332739-9 | FB-20250812 | 97 | 97 | 97 | 85 |
| 460-332739-10 | TB-20250812 | 94 | 102 | 108 | 100 |
| 460-332739-11 | DUP-01 | 96 | 114 | 109 | 92 |
| LCS 460-1055943/5 | Lab Control Sample | 97 | 108 | 91 | 99 |
| MB 460-1055943/10 | Method Blank | 96 | 102 | 108 | 90 |

**Surrogate Legend**

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

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

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | |
|---|---|---|---|---|
| | | FBP | NBZ | TPHL |
| Lab Sample ID | Client Sample ID | (38-139) | (39-145) | (10-133) |
| 460-332739-1 | HHMW-14 | 72 | 73 | 41 |
| 460-332739-2 | HHMW-19S1 | 78 | 80 | 45 |
| 460-332739-3 | HHMW-13 | 78 | 80 | 41 |
| 460-332739-4 | HHMW-16S1 | 75 | 77 | 51 |
| 460-332739-5 | HHMW-05S2-R | 67 | 72 | 28 |
| 460-332739-5 MS | HHMW-05S2-R | 71 | 75 | 33 |
| 460-332739-5 MSD | HHMW-05S2-R | 61 | 66 | 30 |
| 460-332739-6 | MW-03 | 67 | 68 | 39 |
| 460-332739-7 | HHMW-18S1 | 66 | 69 | 41 |
| 460-332739-8 | HHMW-09S1 | 62 | 72 | 36 |
| 460-332739-9 | FB-20250812 | 73 | 73 | 59 |
| 460-332739-11 | DUP-01 | 76 | 79 | 60 |
| LCS 460-1055552/2-A | Lab Control Sample | 73 | 77 | 42 |
| LCS 460-1055555/2-A | Lab Control Sample | 75 | 76 | 49 |
| LCSD 460-1055552/3-A | Lab Control Sample Dup | 72 | 76 | 40 |
| LCSD 460-1055555/3-A | Lab Control Sample Dup | 75 | 76 | 49 |
| MB 460-1055552/1-A | Method Blank | 78 | 81 | 73 |
| MB 460-1055555/1-A | Method Blank | 56 | 62 | 60 |

**Surrogate Legend**

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

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

### Lab Sample ID: MB 460-1055943/10
**Matrix: Water**
**Analysis Batch: 1055943**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 0.45 | 0.070 | ug/L | | | 08/16/25 11:14 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 08/16/25 11:14 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 08/16/25 11:14 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 08/16/25 11:14 | 1 |
| Xylenes, Total | 2.0 | U | 2.0 | 0.65 | ug/L | | | 08/16/25 11:14 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *70 - 128* | | *08/16/25 11:14* | *1* |
| *4-Bromofluorobenzene* | *102* | | *76 - 120* | | *08/16/25 11:14* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *77 - 132* | | *08/16/25 11:14* | *1* |
| *Toluene-d8 (Surr)* | *90* | | *80 - 120* | | *08/16/25 11:14* | *1* |

### Lab Sample ID: LCS 460-1055943/5
**Matrix: Water**
**Analysis Batch: 1055943**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 20.0 | 20.3 | | ug/L | | 101 | 71 - 126 | | |
| Ethylbenzene | | | 20.0 | 22.3 | | ug/L | | 112 | 78 - 120 | | |
| Methyl tert-butyl ether | | | 20.0 | 19.1 | | ug/L | | 95 | 72 - 131 | | |
| Toluene | | | 20.0 | 20.5 | | ug/L | | 102 | 78 - 120 | | |
| Xylenes, Total | | | 40.0 | 43.7 | | ug/L | | 109 | 80 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *70 - 128* |
| *4-Bromofluorobenzene* | *108* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *91* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* |

### Lab Sample ID: 460-332739-5 MS
**Matrix: Water**
**Analysis Batch: 1055943**

**Client Sample ID: HHMW-05S2-R**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 20.0 | 21.1 | | ug/L | | 105 | 71 - 126 | | |
| Ethylbenzene | 1.0 | U | 20.0 | 22.1 | | ug/L | | 111 | 78 - 120 | | |
| Methyl tert-butyl ether | 1.0 | U | 20.0 | 23.2 | | ug/L | | 116 | 72 - 131 | | |
| Toluene | 1.0 | U | 20.0 | 21.4 | | ug/L | | 107 | 78 - 120 | | |
| Xylenes, Total | 2.0 | U | 40.0 | 42.5 | | ug/L | | 106 | 80 - 120 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *70 - 128* |
| *4-Bromofluorobenzene* | *101* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* |

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

**Lab Sample ID: 460-332739-5 MSD**
**Matrix: Water**
**Analysis Batch: 1055943**

**Client Sample ID: HHMW-05S2-R**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.45 | U | 20.0 | 18.3 | | ug/L | | 91 | 71 - 126 | 14 | 30 |
| Ethylbenzene | 1.0 | U | 20.0 | 21.7 | | ug/L | | 109 | 78 - 120 | 2 | 30 |
| Methyl tert-butyl ether | 1.0 | U | 20.0 | 24.5 | | ug/L | | 123 | 72 - 131 | 5 | 30 |
| Toluene | 1.0 | U | 20.0 | 20.3 | | ug/L | | 102 | 78 - 120 | 5 | 30 |
| Xylenes, Total | 2.0 | U | 40.0 | 43.6 | | ug/L | | 109 | 80 - 120 | 3 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *70 - 128* |
| *4-Bromofluorobenzene* | *109* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* |

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

**Lab Sample ID: MB 460-1055552/1-A**
**Matrix: Water**
**Analysis Batch: 1055605**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1055552**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 10:57 | 08/14/25 18:32 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *78* | | *38 - 139* | *08/14/25 10:57* | *08/14/25 18:32* | *1* |
| *Nitrobenzene-d5 (Surr)* | *81* | | *39 - 145* | *08/14/25 10:57* | *08/14/25 18:32* | *1* |
| *Terphenyl-d14 (Surr)* | *73* | | *10 - 133* | *08/14/25 10:57* | *08/14/25 18:32* | *1* |

**Lab Sample ID: LCS 460-1055552/2-A**
**Matrix: Water**
**Analysis Batch: 1055605**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1055552**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | | | 80.0 | 72.3 | | ug/L | | 90 | 45 - 110 | | |

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

**Lab Sample ID: LCS 460-1055552/2-A**
**Matrix: Water**
**Analysis Batch: 1055605**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1055552**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | | | 80.0 | 65.3 | | ug/L | | 82 | 58 - 127 | | |
| Acenaphthylene | | | 80.0 | 67.7 | | ug/L | | 85 | 63 - 133 | | |
| Anthracene | | | 80.0 | 69.5 | | ug/L | | 87 | 59 - 127 | | |
| Benzo[a]anthracene | | | 80.0 | 70.0 | | ug/L | | 88 | 58 - 131 | | |
| Benzo[a]pyrene | | | 80.0 | 69.6 | | ug/L | | 87 | 63 - 148 | | |
| Benzo[b]fluoranthene | | | 80.0 | 66.7 | | ug/L | | 83 | 60 - 140 | | |
| Benzo[g,h,i]perylene | | | 80.0 | 66.9 | | ug/L | | 84 | 52 - 150 | | |
| Benzo[k]fluoranthene | | | 80.0 | 72.0 | | ug/L | | 90 | 60 - 140 | | |
| Chrysene | | | 80.0 | 70.7 | | ug/L | | 88 | 57 - 132 | | |
| Dibenz(a,h)anthracene | | | 80.0 | 73.0 | | ug/L | | 91 | 53 - 150 | | |
| Fluoranthene | | | 80.0 | 80.0 | | ug/L | | 100 | 59 - 137 | | |
| Fluorene | | | 80.0 | 71.0 | | ug/L | | 89 | 61 - 125 | | |
| Indeno[1,2,3-cd]pyrene | | | 80.0 | 71.5 | | ug/L | | 89 | 54 - 150 | | |
| Naphthalene | | | 80.0 | 65.7 | | ug/L | | 82 | 45 - 126 | | |
| Phenanthrene | | | 80.0 | 68.6 | | ug/L | | 86 | 58 - 126 | | |
| Pyrene | | | 80.0 | 59.5 | | ug/L | | 74 | 53 - 137 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *73* | | *38 - 139* |
| *Nitrobenzene-d5 (Surr)* | *77* | | *39 - 145* |
| *Terphenyl-d14 (Surr)* | *42* | | *10 - 133* |

**Lab Sample ID: LCSD 460-1055552/3-A**
**Matrix: Water**
**Analysis Batch: 1055605**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 1055552**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | | | 80.0 | 73.1 | | ug/L | | 91 | 45 - 110 | 1 | 30 |
| Acenaphthene | | | 80.0 | 65.7 | | ug/L | | 82 | 58 - 127 | 1 | 30 |
| Acenaphthylene | | | 80.0 | 67.5 | | ug/L | | 84 | 63 - 133 | 0 | 30 |
| Anthracene | | | 80.0 | 70.4 | | ug/L | | 88 | 59 - 127 | 1 | 30 |
| Benzo[a]anthracene | | | 80.0 | 70.8 | | ug/L | | 89 | 58 - 131 | 1 | 30 |
| Benzo[a]pyrene | | | 80.0 | 72.0 | | ug/L | | 90 | 63 - 148 | 3 | 30 |
| Benzo[b]fluoranthene | | | 80.0 | 72.6 | | ug/L | | 91 | 60 - 140 | 9 | 30 |
| Benzo[g,h,i]perylene | | | 80.0 | 65.7 | | ug/L | | 82 | 52 - 150 | 2 | 30 |
| Benzo[k]fluoranthene | | | 80.0 | 70.6 | | ug/L | | 88 | 60 - 140 | 2 | 30 |
| Chrysene | | | 80.0 | 68.4 | | ug/L | | 85 | 57 - 132 | 3 | 30 |
| Dibenz(a,h)anthracene | | | 80.0 | 70.6 | | ug/L | | 88 | 53 - 150 | 3 | 30 |
| Fluoranthene | | | 80.0 | 80.5 | | ug/L | | 101 | 59 - 137 | 1 | 30 |
| Fluorene | | | 80.0 | 70.4 | | ug/L | | 88 | 61 - 125 | 1 | 30 |
| Indeno[1,2,3-cd]pyrene | | | 80.0 | 68.9 | | ug/L | | 86 | 54 - 150 | 4 | 30 |
| Naphthalene | | | 80.0 | 65.4 | | ug/L | | 82 | 45 - 126 | 0 | 30 |
| Phenanthrene | | | 80.0 | 69.8 | | ug/L | | 87 | 58 - 126 | 2 | 30 |
| Pyrene | | | 80.0 | 59.5 | | ug/L | | 74 | 53 - 137 | 0 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *72* | | *38 - 139* |
| *Nitrobenzene-d5 (Surr)* | *76* | | *39 - 145* |

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

**Lab Sample ID: LCSD 460-1055552/3-A**
**Matrix: Water**
**Analysis Batch: 1055605**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 1055552**

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *Terphenyl-d14 (Surr)* | *40* | | *10 - 133* |

**Lab Sample ID: 460-332739-5 MS**
**Matrix: Water**
**Analysis Batch: 1055605**

**Client Sample ID: HHMW-05S2-R**
**Prep Type: Total/NA**
**Prep Batch: 1055552**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 40.0 | 47.7 | * | ug/L | | 119 | 45 - 110 |
| Acenaphthene | 10 | U | 40.0 | 42.2 | | ug/L | | 105 | 58 - 127 |
| Acenaphthylene | 10 | U | 40.0 | 45.0 | | ug/L | | 113 | 63 - 133 |
| Anthracene | 10 | U | 40.0 | 45.6 | | ug/L | | 114 | 59 - 127 |
| Benzo[a]anthracene | 1.0 | U | 40.0 | 45.3 | | ug/L | | 113 | 58 - 131 |
| Benzo[a]pyrene | 1.0 | U | 40.0 | 45.9 | | ug/L | | 115 | 63 - 148 |
| Benzo[b]fluoranthene | 2.0 | U | 40.0 | 43.6 | | ug/L | | 109 | 60 - 140 |
| Benzo[g,h,i]perylene | 10 | U | 40.0 | 41.0 | | ug/L | | 102 | 52 - 150 |
| Benzo[k]fluoranthene | 1.0 | U | 40.0 | 47.5 | | ug/L | | 119 | 60 - 140 |
| Chrysene | 2.0 | U | 40.0 | 46.5 | | ug/L | | 116 | 57 - 132 |
| Dibenz(a,h)anthracene | 1.0 | U | 40.0 | 43.7 | | ug/L | | 109 | 53 - 150 |
| Fluoranthene | 10 | U | 40.0 | 51.1 | | ug/L | | 128 | 59 - 137 |
| Fluorene | 10 | U | 40.0 | 46.0 | | ug/L | | 115 | 61 - 125 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 40.0 | 43.1 | | ug/L | | 108 | 54 - 150 |
| Naphthalene | 2.0 | U | 40.0 | 43.4 | | ug/L | | 109 | 45 - 126 |
| Phenanthrene | 10 | U | 40.0 | 46.1 | | ug/L | | 115 | 58 - 126 |
| Pyrene | 10 | U | 40.0 | 41.2 | | ug/L | | 103 | 53 - 137 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *71* | | *38 - 139* |
| *Nitrobenzene-d5 (Surr)* | *75* | | *39 - 145* |
| *Terphenyl-d14 (Surr)* | *33* | | *10 - 133* |

**Lab Sample ID: 460-332739-5 MSD**
**Matrix: Water**
**Analysis Batch: 1055605**

**Client Sample ID: HHMW-05S2-R**
**Prep Type: Total/NA**
**Prep Batch: 1055552**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 40.0 | 38.8 | | ug/L | | 97 | 45 - 110 | 21 | 30 |
| Acenaphthene | 10 | U | 40.0 | 34.5 | | ug/L | | 86 | 58 - 127 | 20 | 30 |
| Acenaphthylene | 10 | U | 40.0 | 36.8 | | ug/L | | 92 | 63 - 133 | 20 | 30 |
| Anthracene | 10 | U | 40.0 | 37.5 | | ug/L | | 94 | 59 - 127 | 19 | 30 |
| Benzo[a]anthracene | 1.0 | U | 40.0 | 37.1 | | ug/L | | 93 | 58 - 131 | 20 | 30 |
| Benzo[a]pyrene | 1.0 | U | 40.0 | 38.5 | | ug/L | | 96 | 63 - 148 | 17 | 30 |
| Benzo[b]fluoranthene | 2.0 | U | 40.0 | 37.0 | | ug/L | | 92 | 60 - 140 | 16 | 30 |
| Benzo[g,h,i]perylene | 10 | U | 40.0 | 36.3 | | ug/L | | 91 | 52 - 150 | 12 | 30 |
| Benzo[k]fluoranthene | 1.0 | U | 40.0 | 39.3 | | ug/L | | 98 | 60 - 140 | 19 | 30 |
| Chrysene | 2.0 | U | 40.0 | 39.0 | | ug/L | | 97 | 57 - 132 | 17 | 30 |
| Dibenz(a,h)anthracene | 1.0 | U | 40.0 | 38.2 | | ug/L | | 96 | 53 - 150 | 13 | 30 |
| Fluoranthene | 10 | U | 40.0 | 42.5 | | ug/L | | 106 | 59 - 137 | 19 | 30 |
| Fluorene | 10 | U | 40.0 | 37.8 | | ug/L | | 95 | 61 - 125 | 19 | 30 |

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

**Lab Sample ID: 460-332739-5 MSD**
**Matrix: Water**
**Analysis Batch: 1055605**

**Client Sample ID: HHMW-05S2-R**
**Prep Type: Total/NA**
**Prep Batch: 1055552**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 40.0 | 37.8 | | ug/L | | 94 | 54 - 150 | 13 | 30 |
| Naphthalene | 2.0 | U | 40.0 | 35.8 | | ug/L | | 89 | 45 - 126 | 19 | 30 |
| Phenanthrene | 10 | U | 40.0 | 37.2 | | ug/L | | 93 | 58 - 126 | 21 | 30 |
| Pyrene | 10 | U | 40.0 | 32.7 | | ug/L | | 82 | 53 - 137 | 23 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *61* | | *38 - 139* |
| *Nitrobenzene-d5 (Surr)* | *66* | | *39 - 145* |
| *Terphenyl-d14 (Surr)* | *30* | | *10 - 133* |

**Lab Sample ID: MB 460-1055555/1-A**
**Matrix: Water**
**Analysis Batch: 1055613**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1055555**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 08/14/25 11:07 | 08/14/25 19:09 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl* | *56* | | *38 - 139* | *08/14/25 11:07* | *08/14/25 19:09* | *1* |
| *Nitrobenzene-d5 (Surr)* | *62* | | *39 - 145* | *08/14/25 11:07* | *08/14/25 19:09* | *1* |
| *Terphenyl-d14 (Surr)* | *60* | | *10 - 133* | *08/14/25 11:07* | *08/14/25 19:09* | *1* |

**Lab Sample ID: LCS 460-1055555/2-A**
**Matrix: Water**
**Analysis Batch: 1055613**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1055555**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 68.4 | | ug/L | | 85 | 45 - 110 |
| Acenaphthene | 80.0 | 66.0 | | ug/L | | 82 | 58 - 127 |
| Acenaphthylene | 80.0 | 68.8 | | ug/L | | 86 | 63 - 133 |
| Anthracene | 80.0 | 69.7 | | ug/L | | 87 | 59 - 127 |
| Benzo[a]anthracene | 80.0 | 71.2 | | ug/L | | 89 | 58 - 131 |

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

**Lab Sample ID: LCS 460-1055555/2-A**
**Matrix: Water**
**Analysis Batch: 1055613**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1055555**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzo[a]pyrene | | | 80.0 | 73.4 | | ug/L | | 92 | 63 - 148 | | |
| Benzo[b]fluoranthene | | | 80.0 | 73.0 | | ug/L | | 91 | 60 - 140 | | |
| Benzo[g,h,i]perylene | | | 80.0 | 65.3 | | ug/L | | 82 | 52 - 150 | | |
| Benzo[k]fluoranthene | | | 80.0 | 71.2 | | ug/L | | 89 | 60 - 140 | | |
| Chrysene | | | 80.0 | 70.4 | | ug/L | | 88 | 57 - 132 | | |
| Dibenz(a,h)anthracene | | | 80.0 | 69.9 | | ug/L | | 87 | 53 - 150 | | |
| Fluoranthene | | | 80.0 | 72.2 | | ug/L | | 90 | 59 - 137 | | |
| Fluorene | | | 80.0 | 68.1 | | ug/L | | 85 | 61 - 125 | | |
| Indeno[1,2,3-cd]pyrene | | | 80.0 | 69.7 | | ug/L | | 87 | 54 - 150 | | |
| Naphthalene | | | 80.0 | 65.6 | | ug/L | | 82 | 45 - 126 | | |
| Phenanthrene | | | 80.0 | 69.8 | | ug/L | | 87 | 58 - 126 | | |
| Pyrene | | | 80.0 | 72.9 | | ug/L | | 91 | 53 - 137 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *75* | | *38 - 139* |
| *Nitrobenzene-d5 (Surr)* | *76* | | *39 - 145* |
| *Terphenyl-d14 (Surr)* | *49* | | *10 - 133* |

**Lab Sample ID: LCSD 460-1055555/3-A**
**Matrix: Water**
**Analysis Batch: 1055613**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 1055555**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | | | 80.0 | 68.5 | | ug/L | | 86 | 45 - 110 | 0 | 30 |
| Acenaphthene | | | 80.0 | 67.0 | | ug/L | | 84 | 58 - 127 | 1 | 30 |
| Acenaphthylene | | | 80.0 | 69.4 | | ug/L | | 87 | 63 - 133 | 1 | 30 |
| Anthracene | | | 80.0 | 69.5 | | ug/L | | 87 | 59 - 127 | 0 | 30 |
| Benzo[a]anthracene | | | 80.0 | 72.0 | | ug/L | | 90 | 58 - 131 | 1 | 30 |
| Benzo[a]pyrene | | | 80.0 | 72.4 | | ug/L | | 91 | 63 - 148 | 1 | 30 |
| Benzo[b]fluoranthene | | | 80.0 | 71.9 | | ug/L | | 90 | 60 - 140 | 2 | 30 |
| Benzo[g,h,i]perylene | | | 80.0 | 64.7 | | ug/L | | 81 | 52 - 150 | 1 | 30 |
| Benzo[k]fluoranthene | | | 80.0 | 70.8 | | ug/L | | 89 | 60 - 140 | 1 | 30 |
| Chrysene | | | 80.0 | 71.3 | | ug/L | | 89 | 57 - 132 | 1 | 30 |
| Dibenz(a,h)anthracene | | | 80.0 | 70.3 | | ug/L | | 88 | 53 - 150 | 1 | 30 |
| Fluoranthene | | | 80.0 | 71.5 | | ug/L | | 89 | 59 - 137 | 1 | 30 |
| Fluorene | | | 80.0 | 66.9 | | ug/L | | 84 | 61 - 125 | 2 | 30 |
| Indeno[1,2,3-cd]pyrene | | | 80.0 | 70.0 | | ug/L | | 87 | 54 - 150 | 0 | 30 |
| Naphthalene | | | 80.0 | 65.7 | | ug/L | | 82 | 45 - 126 | 0 | 30 |
| Phenanthrene | | | 80.0 | 69.3 | | ug/L | | 87 | 58 - 126 | 1 | 30 |
| Pyrene | | | 80.0 | 72.1 | | ug/L | | 90 | 53 - 137 | 1 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl* | *75* | | *38 - 139* |
| *Nitrobenzene-d5 (Surr)* | *76* | | *39 - 145* |
| *Terphenyl-d14 (Surr)* | *49* | | *10 - 133* |

## Qualifiers

### GC/MS VOA

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

### GC/MS Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| * | MS or MSD  is outside acceptance limits. |
| J | Indicates an estimated value. |
| U | 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

### Analysis Batch: 1055943

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-332739-1 | HHMW-14 | Total/NA | Water | 8260D | |
| 460-332739-2 | HHMW-19S1 | Total/NA | Water | 8260D | |
| 460-332739-3 | HHMW-13 | Total/NA | Water | 8260D | |
| 460-332739-4 | HHMW-16S1 | Total/NA | Water | 8260D | |
| 460-332739-5 | HHMW-05S2-R | Total/NA | Water | 8260D | |
| 460-332739-6 | MW-03 | Total/NA | Water | 8260D | |
| 460-332739-7 | HHMW-18S1 | Total/NA | Water | 8260D | |
| 460-332739-8 | HHMW-09S1 | Total/NA | Water | 8260D | |
| 460-332739-9 | FB-20250812 | Total/NA | Water | 8260D | |
| 460-332739-10 | TB-20250812 | Total/NA | Water | 8260D | |
| 460-332739-11 | DUP-01 | Total/NA | Water | 8260D | |
| MB 460-1055943/10 | Method Blank | Total/NA | Water | 8260D | |
| LCS 460-1055943/5 | Lab Control Sample | Total/NA | Water | 8260D | |
| 460-332739-5 MS | HHMW-05S2-R | Total/NA | Water | 8260D | |
| 460-332739-5 MSD | HHMW-05S2-R | Total/NA | Water | 8260D | |

## GC/MS Semi VOA

### Prep Batch: 1055552

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-332739-5 | HHMW-05S2-R | Total/NA | Water | 3510C | |
| MB 460-1055552/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 460-1055552/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 460-1055552/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |
| 460-332739-5 MS | HHMW-05S2-R | Total/NA | Water | 3510C | |
| 460-332739-5 MSD | HHMW-05S2-R | Total/NA | Water | 3510C | |

### Prep Batch: 1055555

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-332739-1 | HHMW-14 | Total/NA | Water | 3510C | |
| 460-332739-2 | HHMW-19S1 | Total/NA | Water | 3510C | |
| 460-332739-3 | HHMW-13 | Total/NA | Water | 3510C | |
| 460-332739-4 | HHMW-16S1 | Total/NA | Water | 3510C | |
| 460-332739-6 | MW-03 | Total/NA | Water | 3510C | |
| 460-332739-7 | HHMW-18S1 | Total/NA | Water | 3510C | |
| 460-332739-8 | HHMW-09S1 | Total/NA | Water | 3510C | |
| 460-332739-9 | FB-20250812 | Total/NA | Water | 3510C | |
| 460-332739-11 | DUP-01 | Total/NA | Water | 3510C | |
| MB 460-1055555/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 460-1055555/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 460-1055555/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |

### Analysis Batch: 1055605

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-332739-5 | HHMW-05S2-R | Total/NA | Water | 8270E | 1055552 |
| MB 460-1055552/1-A | Method Blank | Total/NA | Water | 8270E | 1055552 |
| LCS 460-1055552/2-A | Lab Control Sample | Total/NA | Water | 8270E | 1055552 |
| LCSD 460-1055552/3-A | Lab Control Sample Dup | Total/NA | Water | 8270E | 1055552 |
| 460-332739-5 MS | HHMW-05S2-R | Total/NA | Water | 8270E | 1055552 |
| 460-332739-5 MSD | HHMW-05S2-R | Total/NA | Water | 8270E | 1055552 |

# QC Association Summary

Client: GEI Consultants Inc
Job ID: 460-332739-1
Project/Site: National Grid GW Monitoring

## GC/MS Semi VOA

### Analysis Batch: 1055613

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-332739-1 | HHMW-14 | Total/NA | Water | 8270E | 1055555 |
| 460-332739-2 | HHMW-19S1 | Total/NA | Water | 8270E | 1055555 |
| 460-332739-3 | HHMW-13 | Total/NA | Water | 8270E | 1055555 |
| 460-332739-4 | HHMW-16S1 | Total/NA | Water | 8270E | 1055555 |
| 460-332739-6 | MW-03 | Total/NA | Water | 8270E | 1055555 |
| 460-332739-7 | HHMW-18S1 | Total/NA | Water | 8270E | 1055555 |
| 460-332739-8 | HHMW-09S1 | Total/NA | Water | 8270E | 1055555 |
| 460-332739-9 | FB-20250812 | Total/NA | Water | 8270E | 1055555 |
| 460-332739-11 | DUP-01 | Total/NA | Water | 8270E | 1055555 |
| MB 460-1055555/1-A | Method Blank | Total/NA | Water | 8270E | 1055555 |
| LCS 460-1055555/2-A | Lab Control Sample | Total/NA | Water | 8270E | 1055555 |
| LCSD 460-1055555/3-A | Lab Control Sample Dup | Total/NA | Water | 8270E | 1055555 |

## Client Sample ID: HHMW-14
**Lab Sample ID: 460-332739-1**
**Date Collected: 08/12/25 09:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 16:09 |
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/14/25 20:39 |

## Client Sample ID: HHMW-19S1
**Lab Sample ID: 460-332739-2**
**Date Collected: 08/12/25 09:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 16:32 |
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/14/25 21:00 |

## Client Sample ID: HHMW-13
**Lab Sample ID: 460-332739-3**
**Date Collected: 08/12/25 10:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 16:55 |
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/14/25 21:21 |

## Client Sample ID: HHMW-16S1
**Lab Sample ID: 460-332739-4**
**Date Collected: 08/12/25 10:55**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 17:17 |
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/14/25 21:43 |

## Client Sample ID: HHMW-05S2-R
**Lab Sample ID: 460-332739-5**
**Date Collected: 08/12/25 11:15**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 17:40 |
| Total/NA | Prep | 3510C | | | 1055552 | NMP | EET EDI | 08/14/25 10:58 |
| Total/NA | Analysis | 8270E | | 1 | 1055605 | YAH | EET EDI | 08/15/25 03:21 |

## Client Sample ID: MW-03
**Lab Sample ID: 460-332739-6**
**Date Collected: 08/12/25 12:05**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 18:03 |

## Client Sample ID: MW-03
**Lab Sample ID: 460-332739-6**
**Date Collected: 08/12/25 12:05**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/14/25 22:04 |

## Client Sample ID: HHMW-18S1
**Lab Sample ID: 460-332739-7**
**Date Collected: 08/12/25 12:05**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 18:26 |
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/14/25 22:26 |

## Client Sample ID: HHMW-09S1
**Lab Sample ID: 460-332739-8**
**Date Collected: 08/12/25 13:35**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 18:48 |
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/15/25 00:34 |

## Client Sample ID: FB-20250812
**Lab Sample ID: 460-332739-9**
**Date Collected: 08/12/25 13:40**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 15:24 |
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/14/25 22:47 |

## Client Sample ID: TB-20250812
**Lab Sample ID: 460-332739-10**
**Date Collected: 08/12/25 00:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 15:46 |

## Client Sample ID: DUP-01
**Lab Sample ID: 460-332739-11**
**Date Collected: 08/12/25 00:00**
**Matrix: Water**
**Date Received: 08/13/25 19:15**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1055943 | MZS | EET EDI | 08/16/25 19:11 |
| Total/NA | Prep | 3510C | | | 1055555 | NMP | EET EDI | 08/14/25 11:08 |
| Total/NA | Analysis | 8270E | | 1 | 1055613 | YAH | EET EDI | 08/14/25 23:09 |

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: GEI Consultants Inc
Job ID: 460-332739-1
Project/Site: National Grid GW Monitoring

## Laboratory: Eurofins Edison

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| New York | NELAP | 11452 | 04-01-26 |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **524FREONS_00037** | 08/09/25 | 07/09/25 | MeOH, Lot EJ660-US | 10 mL | 7 Freons_00009 | 250 uL | 1,1,1-Trifluoro-2,2-dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 50 ug/mL |
| | | | | | | | Chlorodifluoromethane | 50 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 50 ug/mL |
| .7 Freons_00009 | 04/07/26 | | Absolute, Lot 040723 | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| | | | | | | | Chlorodifluoromethane | 2000 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 2000 ug/mL |
| **7 Freons Hi_00030** | 08/16/25 | 07/16/25 | MeOH, Lot EJ660-US | 5 mL | 7 Freons_00009 | 1.25 mL | 1,1,1-Trifluoro-2,2-dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 500 ug/mL |
| | | | | | | | Chlorodifluoromethane | 500 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 500 ug/mL |
| .7 Freons_00009 | 04/07/26 | | Absolute, Lot 040723 | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| | | | | | | | Chlorodifluoromethane | 2000 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 2000 ug/mL |
| **8260 SP_00196** | 08/12/25 | 07/12/25 | MeOH, Lot EJ660-US | 10 mL | Mega Mix SS_00023 | 200 uL | Benzene | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | Xylenes, Total | 100 ug/mL |
| .Mega Mix SS_00023 | 10/31/27 | | RESTEK, Lot A0224454 | | (Purchased Reagent) | | Benzene | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | Xylenes, Total | 5000 ug/mL |
| **8260ISNEW_00210** | 09/30/29 | | RESTEK, Lot A0217062 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 250 ug/mL |
| | | | | | | | 1,4-Dioxane-d8 | 5000 ug/mL |
| | | | | | | | 2-Butanone-d5 | 1250 ug/mL |
| | | | | | | | Chlorobenzene-d5 | 250 ug/mL |
| | | | | | | | Fluorobenzene | 250 ug/mL |
| | | | | | | | TBA-d9 (IS) | 5000 ug/mL |
| **8260MIX1COMB_00209** | 08/23/25 | 07/23/25 | MeOH, Lot EJ660-US | 50 mL | 2-CEVEC_00033 | 1 mL | 2-Chloroethyl vinyl ether | 50.12 ug/mL |
| | | | | | EPICH(working_00016 | 0.5 mL | Epichlorohydrin | 1000 ug/mL |
| | | | | | ETHANOL(new)_00027 | 1 mL | Ethanol | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | Extra Cmpd_00026 | 1 mL | 1,2,4,5-Tetramethylbenzene | 50 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 50 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 50 ug/mL |
| | | | | | | | 4-Ethyltoluene | 50 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 50 ug/mL |
| | | | | | | | Butyl Methacrylate | 50 ug/mL |
| | | | | | | | Cyclopentene | 50 ug/mL |
| | | | | | | | Isopropyl acetate | 50 ug/mL |
| | | | | | | | Methyl acrylate | 50 ug/mL |
| | | | | | | | n-Butyl acrylate | 50 ug/mL |
| | | | | | | | n-Propyl acetate | 50 ug/mL |
| | | | | | | | p-Diethylbenzene | 50 ug/mL |
| | | | | | | | Pentane | 100 ug/mL |
| | | | | | KetonesC_00033 | 1 mL | 2-Butanone (MEK) | 250 ug/mL |
| | | | | | | | 2-Hexanone | 250 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 250 ug/mL |
| | | | | | | | Acetone | 250 ug/mL |
| | | | | | LIST2/STD6_00026 | 1 mL | 1,2,3-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 50 ug/mL |
| | | | | | | | 2-Nitropropane | 100 ug/mL |
| | | | | | | | Benzyl chloride | 50 ug/mL |
| | | | | | | | Isooctane | 50 ug/mL |
| | | | | | | | Isopropyl alcohol | 500 ug/mL |
| | | | | | | | Methacrylonitrile | 500 ug/mL |
| | | | | | | | n-Butanol | 1250 ug/mL |
| | | | | | LIST2/STD7_00028 | 1 mL | Ethyl acetate | 100 ug/mL |
| | | | | | | | Ethyl acrylate | 50 ug/mL |
| | | | | | | | Methyl methacrylate | 100 ug/mL |
| | | | | | | | n-Butyl acetate | 50 ug/mL |
| | | | | | Mega Mix_00044 | 1 mL | 1,1,1,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 50 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 2-Chlorotoluene | 50 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 500 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 50 ug/mL |
| | | | | | | | 4-Chlorotoluene | 50 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 50 ug/mL |
| | | | | | | | Acrylonitrile | 500 ug/mL |
| | | | | | | | Benzene | 50 ug/mL |
| | | | | | | | Bromobenzene | 50 ug/mL |
| | | | | | | | Bromoform | 50 ug/mL |
| | | | | | | | Carbon disulfide | 50 ug/mL |
| | | | | | | | Carbon tetrachloride | 50 ug/mL |
| | | | | | | | Chlorobenzene | 50 ug/mL |
| | | | | | | | Chlorobromomethane | 50 ug/mL |
| | | | | | | | Chlorodibromomethane | 50 ug/mL |
| | | | | | | | Chloroform | 50 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Cyclohexane | 50 ug/mL |
| | | | | | | | Dibromomethane | 50 ug/mL |
| | | | | | | | Dichlorobromomethane | 50 ug/mL |
| | | | | | | | Ethyl ether | 50 ug/mL |
| | | | | | | | Ethyl methacrylate | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | Ethylene Dibromide | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexane | 50 ug/mL |
| | | | | | | | Iodomethane | 50 ug/mL |
| | | | | | | | Isobutyl alcohol | 1250 ug/mL |
| | | | | | | | Isopropylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl acetate | 100 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | Methylcyclohexane | 50 ug/mL |
| | | | | | | | Methylene Chloride | 50 ug/mL |
| | | | | | | | n-Butylbenzene | 50 ug/mL |
| | | | | | | | n-Heptane | 50 ug/mL |
| | | | | | | | N-Propylbenzene | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | sec-Butylbenzene | 50 ug/mL |
| | | | | | | | Styrene | 50 ug/mL |
| | | | | | | | tert-Butylbenzene | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Tetrachloroethene | 50 ug/mL |
| | | | | | | | Tetrahydrofuran | 100 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 50 ug/mL |
| | | | | | | | Trichloroethene | 50 ug/mL |
| | | | | | POLAR ADD_00032 | 1 mL | Acetonitrile | 500 ug/mL |
| | | | | | | | Isopropyl ether | 50 ug/mL |
| | | | | | | | Propionitrile | 500 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 50 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 50 ug/mL |
| | | | | | Vinyl Acetate_00107 | 1 mL | Vinyl acetate | 100 ug/mL |
| .2-CEVEC_00033 | 04/30/28 | | RESTEK, Lot A0225121 | | (Purchased Reagent) | | 2-Chloroethyl vinyl ether | 2506 ug/mL |
| .EPICH(working_00016 | 09/24/25 | 06/17/25 | MeOH, Lot EJ660-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .ETHANOL(new)_00027 | 01/31/28 | | RESTEK, Lot A0220852 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| .Extra Cmpd_00026 | 01/08/28 | | Absolute, Lot 010825 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Cyclopentene | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .KetonesC_00033 | 02/09/28 | | RESTEK, Lot A0222253 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .LIST2/STD6_00026 | 07/31/26 | | RESTEK, Lot A0221376 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00028 | 08/31/26 | | RESTEK, Lot A0222232 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .Mega Mix_00044 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .POLAR ADD_00032 | 02/28/27 | | RESTEK, Lot A0222453 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| .Vinyl Acetate_00107 | 08/31/26 | | RESTEK, Lot A0222118 | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **8260MIX1COMB_00209** | 08/23/25 | 07/23/25 | MeOH, Lot EJ660-US | 50 mL | Mega Mix_00044 | 1 mL | Xylenes, Total | 100 ug/mL |
| .Mega Mix_00044 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | Xylenes, Total | 5000 ug/mL |
| **8260SURR250_00255** | 08/10/25 | 06/10/25 | MeOH, Lot EJ660-US | 50 mL | 8260 SURR C_00070 | 5 mL | 1,2-Dichloroethane-d4 (Surr) | 250 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 250 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 250 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 250 ug/mL |
| .8260 SURR C_00070 | 05/31/29 | | RESTEK, Lot A0211048 | | (Purchased Reagent) | | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 2500 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 2500 ug/mL |
| **8260SURR250_00256** | 10/08/25 | 08/08/25 | MeOH, Lot EJ660-US | 50 mL | 8260 SURR C_00070 | 5 mL | 1,2-Dichloroethane-d4 (Surr) | 250 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 250 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 250 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 250 ug/mL |
| .8260 SURR C_00070 | 05/31/29 | | RESTEK, Lot A0211048 | | (Purchased Reagent) | | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Toluene-d8 (Surr) | 2500 ug/mL |
| **8270_3511_L1_00001** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SM_8270_surr_00015 | 18 uL | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | SM_ISTD_00197 | 36 uL | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | SV_BNA_L2_00007 | 200 uL | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 0.02 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 0.02 ug/mL |
| | | | | | | | N-Methylaniline | 0.02 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 0.02 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 0.02 ug/mL |
| | | | | | | | Benzidine | 0.02 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 0.02 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.02 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 0.02 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.02 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 0.02 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 0.02 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.02 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 0.02 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 0.02 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 0.02 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 0.02 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 0.02 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.02 ug/mL |
| | | | | | | | Aniline | 0.02 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.02 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.02 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[b]fluoranthene | 0.02 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.02 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.02 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.02 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 0.02 ug/mL |
| | | | | | | | Chrysene | 0.02 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.02 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.02 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.02 ug/mL |
| | | | | | | | Hexachloroethane | 0.02 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.02 ug/mL |
| | | | | | | | Isophorone | 0.02 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.02 ug/mL |
| | | | | | | | Naphthalene | 0.02 ug/mL |
| | | | | | | | Nitrobenzene | 0.02 ug/mL |
| | | | | | | | Pyrene | 0.02 ug/mL |
| | | | | | | | Pyridine | 0.04 ug/mL |
| .SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SV_BNA_L2_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 50 mL | SM_8270_surr_00015 | 500 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 25 uL | 2-tertbutyl-4-methylphenol | 1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | | | N-Methylaniline | 1 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 25 uL | Atrazine | 1 ug/mL |
| | | | | | SM_std #9BNA_00025 | 25 uL | 3,3'-Dichlorobenzidine | 1 ug/mL |
| | | | | | | | Benzidine | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | SM_STD#1mega_00027 | 50 uL | 1,1'-Biphenyl | 1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1 ug/mL |
| | | | | | | | Chrysene | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | Isophorone | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |
| | | | | | | | Naphthalene | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pyrene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **8270_3511_L2_00001** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L2_00007 | 2 mL | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 0.2 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 0.2 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 0.2 ug/mL |
| | | | | | | | Carbamazepine | 0.2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Coumarin | 0.2 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 0.2 ug/mL |
| | | | | | | | N-Methylaniline | 0.2 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 0.2 ug/mL |
| | | | | | | | Phenyl ether | 0.2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 0.2 ug/mL |
| | | | | | | | Benzaldehyde | 0.2 ug/mL |
| | | | | | | | Caprolactam | 0.2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 0.2 ug/mL |
| | | | | | | | Benzidine | 0.2 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 0.2 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.2 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.2 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 0.2 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 0.2 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 0.2 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 0.4 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 0.2 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 0.2 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 0.2 ug/mL |
| | | | | | | | 2-Chlorophenol | 0.2 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 0.2 ug/mL |
| | | | | | | | 2-Methylphenol | 0.2 ug/mL |
| | | | | | | | 2-Nitroaniline | 0.2 ug/mL |
| | | | | | | | 2-Nitrophenol | 0.2 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 0.2 ug/mL |
| | | | | | | | 3-Nitroaniline | 0.2 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 0.4 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 0.2 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 0.2 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Chlorophenyl phenyl ether | 0.2 ug/mL |
| | | | | | | | 4-Methylphenol | 0.2 ug/mL |
| | | | | | | | 4-Nitroaniline | 0.2 ug/mL |
| | | | | | | | 4-Nitrophenol | 0.4 ug/mL |
| | | | | | | | Acenaphthene | 0.2 ug/mL |
| | | | | | | | Acenaphthylene | 0.2 ug/mL |
| | | | | | | | Acetophenone | 0.2 ug/mL |
| | | | | | | | Aniline | 0.2 ug/mL |
| | | | | | | | Anthracene | 0.2 ug/mL |
| | | | | | | | Azobenzene | 0.2 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.2 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.2 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.2 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.2 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.2 ug/mL |
| | | | | | | | Benzyl alcohol | 0.2 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 0.2 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.2 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 0.2 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 0.2 ug/mL |
| | | | | | | | Carbazole | 0.2 ug/mL |
| | | | | | | | Chrysene | 0.2 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 0.2 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 0.2 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.2 ug/mL |
| | | | | | | | Dibenzofuran | 0.2 ug/mL |
| | | | | | | | Diethyl phthalate | 0.2 ug/mL |
| | | | | | | | Dimethyl phthalate | 0.2 ug/mL |
| | | | | | | | Fluoranthene | 0.2 ug/mL |
| | | | | | | | Fluorene | 0.2 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.2 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.2 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 0.2 ug/mL |
| | | | | | | | Hexachloroethane | 0.2 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.2 ug/mL |
| | | | | | | | Isophorone | 0.2 ug/mL |
| | | | | | | | n-Decane | 0.2 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.2 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 0.2 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 0.2 ug/mL |
| | | | | | | | n-Octadecane | 0.2 ug/mL |
| | | | | | | | Naphthalene | 0.2 ug/mL |
| | | | | | | | Nitrobenzene | 0.2 ug/mL |
| | | | | | | | Pentachlorophenol | 0.4 ug/mL |
| | | | | | | | Phenanthrene | 0.2 ug/mL |
| | | | | | | | Phenol | 0.2 ug/mL |
| | | | | | | | Pyrene | 0.2 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pyridine | 0.4 ug/mL |
| .SV_BNA_L2_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 50 mL | SM_8270_surr_00015 | 500 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 25 uL | 1,3-Dimethylnaphthalene | 1 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 1 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 1 ug/mL |
| | | | | | | | Carbamazepine | 1 ug/mL |
| | | | | | | | Coumarin | 1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | | | N-Methylaniline | 1 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 1 ug/mL |
| | | | | | | | Phenyl ether | 1 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 25 uL | Atrazine | 1 ug/mL |
| | | | | | | | Benzaldehyde | 1 ug/mL |
| | | | | | | | Caprolactam | 1 ug/mL |
| | | | | | SM_std #9BNA_00025 | 25 uL | 3,3'-Dichlorobenzidine | 1 ug/mL |
| | | | | | | | Benzidine | 1 ug/mL |
| | | | | | SM_STD#1mega_00027 | 50 uL | 1,1'-Biphenyl | 1 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Chlorophenol | 1 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2-Methylphenol | 1 ug/mL |
| | | | | | | | 2-Nitroaniline | 1 ug/mL |
| | | | | | | | 2-Nitrophenol | 1 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1 ug/mL |
| | | | | | | | 3-Nitroaniline | 1 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 1 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Methylphenol | 1 ug/mL |
| | | | | | | | 4-Nitroaniline | 1 ug/mL |
| | | | | | | | 4-Nitrophenol | 2 ug/mL |
| | | | | | | | Acenaphthene | 1 ug/mL |
| | | | | | | | Acenaphthylene | 1 ug/mL |
| | | | | | | | Acetophenone | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Anthracene | 1 ug/mL |
| | | | | | | | Azobenzene | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Benzyl alcohol | 1 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1 ug/mL |
| | | | | | | | Carbazole | 1 ug/mL |
| | | | | | | | Chrysene | 1 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Dibenzofuran | 1 ug/mL |
| | | | | | | | Diethyl phthalate | 1 ug/mL |
| | | | | | | | Dimethyl phthalate | 1 ug/mL |
| | | | | | | | Fluoranthene | 1 ug/mL |
| | | | | | | | Fluorene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | Isophorone | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Decane | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1 ug/mL |
| | | | | | | | n-Octadecane | 1 ug/mL |
| | | | | | | | Naphthalene | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pentachlorophenol | 2 ug/mL |
| | | | | | | | Phenanthrene | 1 ug/mL |
| | | | | | | | Phenol | 1 ug/mL |
| | | | | | | | Pyrene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **ACROLEIN W_00186** | 08/16/25 | 07/16/25 | MeOH, Lot EJ660-US | 10 mL | ACROLEIN_00026 | 250 uL | Acrolein | 500 ug/mL |
| .ACROLEIN_00026 | 10/31/26 | | RESTEK, Lot A0224370 | | (Purchased Reagent) | | Acrolein | 20000 ug/mL |
| **ACRY/EPIH MIX_00139** | 07/28/25 | 06/28/25 | MeOH, Lot EJ660-US | 10 mL | Acrylonitrile_00011 | 500 uL | Acrylonitrile | 50 ug/mL |
| | | | | | EPICH(working_00016 | 12.5 uL | Epichlorohydrin | 125 ug/mL |
| .Acrylonitrile_00011 | 03/03/28 | | ABSOLUTE, Lot 030325 | | (Purchased Reagent) | | Acrylonitrile | 1000 ug/mL |
| .EPICH(working_00016 | 09/24/25 | 06/17/25 | MeOH, Lot EJ660-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| **alpha-Pinene_00012** | 07/31/25 | 05/31/25 | MeOH, Lot EJ660-US | 10 mL | alpha-Pinene_00010 | 0.5 mL | (-)-a-Pinene | 50 ug/mL |
| .alpha-Pinene_00010 | 06/28/26 | | ABSOLUTE, Lot 062823 | | (Purchased Reagent) | | (-)-a-Pinene | 1000 ug/mL |
| **alpha-Pinene_00013** | 07/31/25 | 05/31/25 | MeOH, Lot EJ660-US | 1 mL | alpha-Pinene_00010 | 0.5 mL | (-)-a-Pinene | 500 ug/mL |
| .alpha-Pinene_00010 | 06/28/26 | | ABSOLUTE, Lot 062823 | | (Purchased Reagent) | | (-)-a-Pinene | 1000 ug/mL |
| **BFB_00039** | | | | | | | 1,2-Dichloroethene, Total | |
| | | | | | | | 1,3-Dichloropropene, Total | |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Total BTEX | |
| | | | | | | | Xylenes, Total | |
| | | | | | VMC21SU_00011 | 500 uL | 4-Bromofluorobenzene | 25 ug/mL |
| | | | | | | | BFB | 25 ug/mL |
| .VMC21SU_00011 | 03/08/27 | | Absolute, Lot 030822 | | (Purchased Reagent) | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | BFB | 2500 ug/mL |
| **Ethanol mix_00104** | 08/16/25 | 07/16/25 | MeOH, Lot EJ660-US | 5 mL | ETHANOL(new)_00027 | 1 mL | Ethanol | 20000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .ETHANOL(new)_00027 | 01/31/28 | | RESTEK, Lot A0220852 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| **GAS Hi_00500** | 08/02/25 | 07/19/25 | MeOH, Lot EJ660-US | 5 mL | GASES C_00042 | 1 mL | Bromomethane | 500 ug/mL |
| | | | | | | | Butadiene | 500 ug/mL |
| | | | | | | | Chloroethane | 500 ug/mL |
| | | | | | | | Chloromethane | 500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 500 ug/mL |
| | | | | | | | Vinyl chloride | 500 ug/mL |
| .GASES C_00042 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GASES Li_00653** | 07/29/25 | 07/22/25 | MeOH, Lot EJ660-US | 25 mL | GASES C_00042 | 500 uL | Bromomethane | 50 ug/mL |
| | | | | | | | Butadiene | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Dichlorofluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES C_00042 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **MIX 2 Hi_00164** | 08/16/25 | 07/16/25 | MeOH, Lot EJ660-US | 5 mL | 2-CEVEC_00033 | 1 mL | 2-Chloroethyl vinyl ether | 501.2 ug/mL |
| | | | | | Extra Cmpd_00026 | 1 mL | 1,2,4,5-Tetramethylbenzene | 500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 500 ug/mL |
| | | | | | | | Butyl Methacrylate | 500 ug/mL |
| | | | | | | | Cyclopentene | 500 ug/mL |
| | | | | | | | Isopropyl acetate | 500 ug/mL |
| | | | | | | | Methyl acrylate | 500 ug/mL |
| | | | | | | | n-Butyl acrylate | 500 ug/mL |
| | | | | | | | n-Propyl acetate | 500 ug/mL |
| | | | | | | | p-Diethylbenzene | 500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pentane | 1000 ug/mL |
| | | | | | LIST2/STD6_00026 | 1 mL | 1,2,3-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 500 ug/mL |
| | | | | | | | 2-Nitropropane | 1000 ug/mL |
| | | | | | | | Benzyl chloride | 500 ug/mL |
| | | | | | | | Isooctane | 500 ug/mL |
| | | | | | | | Isopropyl alcohol | 5000 ug/mL |
| | | | | | | | Methacrylonitrile | 5000 ug/mL |
| | | | | | | | n-Butanol | 12500 ug/mL |
| | | | | | LIST2/STD7_00028 | 1 mL | Ethyl acetate | 1000 ug/mL |
| | | | | | | | Ethyl acrylate | 500 ug/mL |
| | | | | | | | Methyl methacrylate | 1000 ug/mL |
| | | | | | | | n-Butyl acetate | 500 ug/mL |
| | | | | | POLAR ADD_00032 | 1 mL | Acetonitrile | 5000 ug/mL |
| | | | | | | | Isopropyl ether | 500 ug/mL |
| | | | | | | | Propionitrile | 5000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 500 ug/mL |
| .2-CEVEC_00033 | 04/30/28 | | RESTEK, Lot A0225121 | | (Purchased Reagent) | | 2-Chloroethyl vinyl ether | 2506 ug/mL |
| .Extra Cmpd_00026 | 01/08/28 | | Absolute, Lot 010825 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Cyclopentene | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .LIST2/STD6_00026 | 07/31/26 | | RESTEK, Lot A0221376 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00028 | 08/31/26 | | RESTEK, Lot A0222232 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .POLAR ADD_00032 | 02/28/27 | | RESTEK, Lot A0222453 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| **MIX I Hi_00191** | 08/16/25 | 07/16/25 | MeOH, Lot EJ660-US | 5 mL | EPICH(working_00016 | 0.5 mL | Epichlorohydrin | 10000 ug/mL |
| | | | | | KetonesC_00033 | 1 mL | 2-Butanone (MEK) | 2500 ug/mL |
| | | | | | | | 2-Hexanone | 2500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 2500 ug/mL |
| | | | | | | | Acetone | 2500 ug/mL |
| | | | | | Mega Mix_00044 | 1 mL | 1,1,1,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,4-Dioxane | 10000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 5000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 500 ug/mL |
| | | | | | | | Acrylonitrile | 5000 ug/mL |
| | | | | | | | Benzene | 500 ug/mL |
| | | | | | | | Bromobenzene | 500 ug/mL |
| | | | | | | | Bromoform | 500 ug/mL |
| | | | | | | | Carbon disulfide | 500 ug/mL |
| | | | | | | | Carbon tetrachloride | 500 ug/mL |
| | | | | | | | Chlorobenzene | 500 ug/mL |
| | | | | | | | Chlorobromomethane | 500 ug/mL |
| | | | | | | | Chlorodibromomethane | 500 ug/mL |
| | | | | | | | Chloroform | 500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | cis-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | Cyclohexane | 500 ug/mL |
| | | | | | | | Dibromomethane | 500 ug/mL |
| | | | | | | | Dichlorobromomethane | 500 ug/mL |
| | | | | | | | Ethyl ether | 500 ug/mL |
| | | | | | | | Ethyl methacrylate | 500 ug/mL |
| | | | | | | | Ethylbenzene | 500 ug/mL |
| | | | | | | | Ethylene Dibromide | 500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 500 ug/mL |
| | | | | | | | Hexane | 500 ug/mL |
| | | | | | | | Iodomethane | 500 ug/mL |
| | | | | | | | Isobutyl alcohol | 12500 ug/mL |
| | | | | | | | Isopropylbenzene | 500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 500 ug/mL |
| | | | | | | | Methyl acetate | 1000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 500 ug/mL |
| | | | | | | | Methylcyclohexane | 500 ug/mL |
| | | | | | | | Methylene Chloride | 500 ug/mL |
| | | | | | | | n-Butylbenzene | 500 ug/mL |
| | | | | | | | n-Heptane | 500 ug/mL |
| | | | | | | | N-Propylbenzene | 500 ug/mL |
| | | | | | | | Naphthalene | 500 ug/mL |
| | | | | | | | o-Xylene | 500 ug/mL |
| | | | | | | | sec-Butylbenzene | 500 ug/mL |
| | | | | | | | Styrene | 500 ug/mL |
| | | | | | | | tert-Butylbenzene | 500 ug/mL |
| | | | | | | | Tetrachloroethene | 500 ug/mL |
| | | | | | | | Tetrahydrofuran | 1000 ug/mL |
| | | | | | | | Toluene | 500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 500 ug/mL |
| | | | | | | | Trichloroethene | 500 ug/mL |
| | | | | | Vinyl Acetate_00106 | 1 mL | Vinyl acetate | 1000 ug/mL |
| .EPICH(working_00016 | 09/24/25 | 06/17/25 | MeOH, Lot EJ660-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .KetonesC_00033 | 02/09/28 | | RESTEK, Lot A0222253 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .Mega Mix_00044 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .Vinyl Acetate_00106 | 08/31/26 | | RESTEK, Lot A0222118 | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **OP_Benzald_sp_00023** | 11/30/25 | | RESTEK, Lot A0212130 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| **OP_BNA SPIK_00055** | 08/30/25 | 01/28/25 | Acetone, Lot 131184 | 200 mL | OP_Agilent456_00008 | 10 mL | 1,3-Dimethylnaphthalene | 100 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 100 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 100 ug/mL |
| | | | | | | | Benzonitrile | 100 ug/mL |
| | | | | | | | Carbamazepine | 100 ug/mL |
| | | | | | | | Coumarin | 100 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 100 ug/mL |
| | | | | | | | N-Methylaniline | 100 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 100 ug/mL |
| | | | | | | | Phenyl ether | 100 ug/mL |
| | | | | | OP_Agilent457_00005 | 10 mL | Bisphenol-A | 50 ug/mL |
| | | | | | OP_BenzAcid_00016 | 10 mL | Benzoic acid | 100 ug/mL |
| | | | | | | | Indene | 100 ug/mL |
| | | | | | OP_MEGA_2017_00016 | 20 mL | 1,1'-Biphenyl | 100 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 100 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 100 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 100 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,3-Dinitrobenzene | 100 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,4-Dioxane | 100 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 100 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 100 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 100 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 100 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 100 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 100 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 200 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 100 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 100 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 100 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 100 ug/mL |
| | | | | | | | 2-Chlorophenol | 100 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 100 ug/mL |
| | | | | | | | 2-Methylphenol | 100 ug/mL |
| | | | | | | | 2-Nitroaniline | 100 ug/mL |
| | | | | | | | 2-Nitrophenol | 100 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 100 ug/mL |
| | | | | | | | 3-Methylphenol | 100 ug/mL |
| | | | | | | | 3-Nitroaniline | 100 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 200 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 100 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 100 ug/mL |
| | | | | | | | 4-Chloroaniline | 100 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 100 ug/mL |
| | | | | | | | 4-Methylphenol | 100 ug/mL |
| | | | | | | | 4-Nitroaniline | 100 ug/mL |
| | | | | | | | 4-Nitrophenol | 200 ug/mL |
| | | | | | | | Acenaphthene | 100 ug/mL |
| | | | | | | | Acenaphthylene | 100 ug/mL |
| | | | | | | | Acetophenone | 100 ug/mL |
| | | | | | | | Aniline | 100 ug/mL |
| | | | | | | | Anthracene | 100 ug/mL |
| | | | | | | | Azobenzene | 100 ug/mL |
| | | | | | | | Benzo[a]anthracene | 100 ug/mL |
| | | | | | | | Benzo[a]pyrene | 100 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 100 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 100 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 100 ug/mL |
| | | | | | | | Benzyl alcohol | 100 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 100 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 100 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 100 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 100 ug/mL |
| | | | | | | | Carbazole | 100 ug/mL |
| | | | | | | | Chrysene | 100 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 100 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 100 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 100 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibenzofuran | 100 ug/mL |
| | | | | | | | Diethyl phthalate | 100 ug/mL |
| | | | | | | | Dimethyl phthalate | 100 ug/mL |
| | | | | | | | Fluoranthene | 100 ug/mL |
| | | | | | | | Fluorene | 100 ug/mL |
| | | | | | | | Hexachlorobenzene | 100 ug/mL |
| | | | | | | | Hexachlorobutadiene | 100 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 100 ug/mL |
| | | | | | | | Hexachloroethane | 100 ug/mL |
| | | | | | | | Hexadecane | 100 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 100 ug/mL |
| | | | | | | | Isophorone | 100 ug/mL |
| | | | | | | | n-Decane | 100 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 100 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 100 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 100 ug/mL |
| | | | | | | | n-Octadecane | 100 ug/mL |
| | | | | | | | Naphthalene | 100 ug/mL |
| | | | | | | | Nitrobenzene | 100 ug/mL |
| | | | | | | | Pentachlorophenol | 200 ug/mL |
| | | | | | | | Phenanthrene | 100 ug/mL |
| | | | | | | | Phenol | 100 ug/mL |
| | | | | | | | Pyrene | 100 ug/mL |
| | | | | | | | Pyridine | 200 ug/mL |
| | | | | | OP_std #1_BNA_00015 | 10 mL | 3,3'-Dichlorobenzidine | 100 ug/mL |
| | | | | | | | Benzidine | 100 ug/mL |
| .OP_Agilent456_00008 | 11/30/25 | | Agilent, Lot 6767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Benzonitrile | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| .OP_Agilent457_00005 | 11/30/25 | | Agilent, Lot 6767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .OP_BenzAcid_00016 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| | | | | | | | Indene | 2000 ug/mL |
| .OP_MEGA_2017_00016 | 11/30/25 | | Restek, Lot A02010619 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,3-Dinitrobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Hexadecane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| .OP_std #1_BNA_00015 | 09/30/25 | | Restek, Lot A020147867 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| **OP_BNASurroga_00031** | 10/30/25 | 01/02/25 | Acetone, Lot 23H2462011 | 1000 mL | OP_BNA_SURR_00014 | 20 mL | 2,4,6-Tribromophenol | 100 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 100 ug/mL |
| | | | | | | | 2-Fluorophenol | 100 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 100 ug/mL |
| | | | | | | | Phenol-d5 | 100 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 100 ug/mL |
| .OP_BNA_SURR_00014 | 10/30/25 | | Agilent, Lot 6910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| **SM_ISTD_LVI_00198** | 03/30/26 | 03/19/25 | MeCl2, Lot 1062005 | 50 mL | SM_ISTD_00197 | 10 mL | 1,4-Dichlorobenzene-d4 | 400 ug/mL |
| | | | | | | | Acenaphthene-d10 | 400 ug/mL |
| | | | | | | | Chrysene-d12 | 400 ug/mL |
| | | | | | | | Naphthalene-d8 | 400 ug/mL |
| | | | | | | | Perylene-d12 | 400 ug/mL |
| | | | | | | | Phenanthrene-d10 | 400 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| **SMDFTP_CH_00037** | | | | | | | 4,4'-DDD | |
| | | | | | | | 4,4'-DDE | |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Total Semivolatile Organic Compounds | |
| | | | | | SMDFTTP_CH_00021 | 2.5 mL | 4,4'-DDT | 25 ug/mL |
| | | | | | | | Benzidine_T | 25 ug/mL |
| | | | | | | | DFTPP | 25 ug/mL |
| | | | | | | | Pentachlorophenol_T | 25 ug/mL |
| .SMDFTTP_CH_00021 | 07/31/26 | | Restek, Lot A0200028 | | (Purchased Reagent) | | 4,4'-DDT | 1000 ug/mL |
| | | | | | | | Benzidine_T | 1000 ug/mL |
| | | | | | | | DFTPP | 1000 ug/mL |
| | | | | | | | Pentachlorophenol_T | 1000 ug/mL |
| **SV_BNAL1_LVI_00007** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L1_00007 | 2 mL | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 0.1 ug/mL |
| | | | | | | | N-Methylaniline | 0.1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 0.1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.1 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.1 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 0.2 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.1 ug/mL |
| | | | | | | | Aniline | 0.1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibenz(a,h)anthracene | 0.1 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.1 ug/mL |
| | | | | | | | Hexachloroethane | 0.1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.1 ug/mL |
| | | | | | | | Naphthalene | 0.1 ug/mL |
| | | | | | | | Nitrobenzene | 0.1 ug/mL |
| | | | | | | | Pyridine | 0.2 ug/mL |
| .SV_BNA_L1_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 50 mL | SM_8270_surr_00015 | 500 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 12.5 uL | n,n'-Dimethylaniline | 0.5 ug/mL |
| | | | | | | | N-Methylaniline | 0.5 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_STD#1mega_00027 | 25 uL | 1,1'-Biphenyl | 0.5 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.5 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.5 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.5 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.5 ug/mL |
| | | | | | | | Aniline | 0.5 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.5 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.5 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.5 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.5 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.5 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.5 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.5 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.5 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.5 ug/mL |
| | | | | | | | Hexachloroethane | 0.5 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.5 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.5 ug/mL |
| | | | | | | | Naphthalene | 0.5 ug/mL |
| | | | | | | | Nitrobenzene | 0.5 ug/mL |
| | | | | | | | Pyridine | 1 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL2_LVI_00007** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L2_00007 | 2 mL | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 0.2 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 0.2 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 0.2 ug/mL |
| | | | | | | | Carbamazepine | 0.2 ug/mL |
| | | | | | | | Coumarin | 0.2 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 0.2 ug/mL |
| | | | | | | | N-Methylaniline | 0.2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pentachloronitrobenzene | 0.2 ug/mL |
| | | | | | | | Phenyl ether | 0.2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 0.2 ug/mL |
| | | | | | | | Benzaldehyde | 0.2 ug/mL |
| | | | | | | | Caprolactam | 0.2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 0.2 ug/mL |
| | | | | | | | Benzidine | 0.2 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 0.2 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.2 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.2 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 0.2 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 0.2 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 0.2 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 0.4 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 0.2 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 0.2 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 0.2 ug/mL |
| | | | | | | | 2-Chlorophenol | 0.2 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 0.2 ug/mL |
| | | | | | | | 2-Methylphenol | 0.2 ug/mL |
| | | | | | | | 2-Nitroaniline | 0.2 ug/mL |
| | | | | | | | 2-Nitrophenol | 0.2 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 0.2 ug/mL |
| | | | | | | | 3-Nitroaniline | 0.2 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 0.4 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 0.2 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 0.2 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.2 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 0.2 ug/mL |
| | | | | | | | 4-Methylphenol | 0.2 ug/mL |
| | | | | | | | 4-Nitroaniline | 0.2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Nitrophenol | 0.4 ug/mL |
| | | | | | | | Acenaphthene | 0.2 ug/mL |
| | | | | | | | Acenaphthylene | 0.2 ug/mL |
| | | | | | | | Acetophenone | 0.2 ug/mL |
| | | | | | | | Aniline | 0.2 ug/mL |
| | | | | | | | Anthracene | 0.2 ug/mL |
| | | | | | | | Azobenzene | 0.2 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.2 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.2 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.2 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.2 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.2 ug/mL |
| | | | | | | | Benzyl alcohol | 0.2 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 0.2 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.2 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 0.2 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 0.2 ug/mL |
| | | | | | | | Carbazole | 0.2 ug/mL |
| | | | | | | | Chrysene | 0.2 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 0.2 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 0.2 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.2 ug/mL |
| | | | | | | | Dibenzofuran | 0.2 ug/mL |
| | | | | | | | Diethyl phthalate | 0.2 ug/mL |
| | | | | | | | Dimethyl phthalate | 0.2 ug/mL |
| | | | | | | | Fluoranthene | 0.2 ug/mL |
| | | | | | | | Fluorene | 0.2 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.2 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.2 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 0.2 ug/mL |
| | | | | | | | Hexachloroethane | 0.2 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.2 ug/mL |
| | | | | | | | Isophorone | 0.2 ug/mL |
| | | | | | | | n-Decane | 0.2 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.2 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 0.2 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 0.2 ug/mL |
| | | | | | | | n-Octadecane | 0.2 ug/mL |
| | | | | | | | Naphthalene | 0.2 ug/mL |
| | | | | | | | Nitrobenzene | 0.2 ug/mL |
| | | | | | | | Pentachlorophenol | 0.4 ug/mL |
| | | | | | | | Phenanthrene | 0.2 ug/mL |
| | | | | | | | Phenol | 0.2 ug/mL |
| | | | | | | | Pyrene | 0.2 ug/mL |
| | | | | | | | Pyridine | 0.4 ug/mL |
| .SV_BNA_L2_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 50 mL | SM_8270_surr_00015 | 500 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 25 uL | 1,3-Dimethylnaphthalene | 1 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 1 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 1 ug/mL |
| | | | | | | | Carbamazepine | 1 ug/mL |
| | | | | | | | Coumarin | 1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | | | N-Methylaniline | 1 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 1 ug/mL |
| | | | | | | | Phenyl ether | 1 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 25 uL | Atrazine | 1 ug/mL |
| | | | | | | | Benzaldehyde | 1 ug/mL |
| | | | | | | | Caprolactam | 1 ug/mL |
| | | | | | SM_std #9BNA_00025 | 25 uL | 3,3'-Dichlorobenzidine | 1 ug/mL |
| | | | | | | | Benzidine | 1 ug/mL |
| | | | | | SM_STD#1mega_00027 | 50 uL | 1,1'-Biphenyl | 1 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1 ug/mL |
| | | | | | | | 2-Chlorophenol | 1 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2-Methylphenol | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Nitroaniline | 1 ug/mL |
| | | | | | | | 2-Nitrophenol | 1 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1 ug/mL |
| | | | | | | | 3-Nitroaniline | 1 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 1 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Methylphenol | 1 ug/mL |
| | | | | | | | 4-Nitroaniline | 1 ug/mL |
| | | | | | | | 4-Nitrophenol | 2 ug/mL |
| | | | | | | | Acenaphthene | 1 ug/mL |
| | | | | | | | Acenaphthylene | 1 ug/mL |
| | | | | | | | Acetophenone | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Anthracene | 1 ug/mL |
| | | | | | | | Azobenzene | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Benzyl alcohol | 1 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1 ug/mL |
| | | | | | | | Carbazole | 1 ug/mL |
| | | | | | | | Chrysene | 1 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Dibenzofuran | 1 ug/mL |
| | | | | | | | Diethyl phthalate | 1 ug/mL |
| | | | | | | | Dimethyl phthalate | 1 ug/mL |
| | | | | | | | Fluoranthene | 1 ug/mL |
| | | | | | | | Fluorene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | Isophorone | 1 ug/mL |
| | | | | | | | n-Decane | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Nitrosodiphenylamine | 1 ug/mL |
| | | | | | | | n-Octadecane | 1 ug/mL |
| | | | | | | | Naphthalene | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pentachlorophenol | 2 ug/mL |
| | | | | | | | Phenanthrene | 1 ug/mL |
| | | | | | | | Phenol | 1 ug/mL |
| | | | | | | | Pyrene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL3_LVI_00009** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L3_00007 | 2 mL | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 0.4 ug/mL |
| | | | | | | | Benzaldehyde | 0.4 ug/mL |
| | | | | | | | Caprolactam | 0.4 ug/mL |
| | | | | | | | Benzidine | 0.4 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 0.8 ug/mL |
| .SV_BNA_L3_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 25 mL | SM_8270_surr_00015 | 250 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 25 uL | Atrazine | 2 ug/mL |
| | | | | | | | Benzaldehyde | 2 ug/mL |
| | | | | | | | Caprolactam | 2 ug/mL |
| | | | | | SM_std #9BNA_00025 | 25 uL | Benzidine | 2 ug/mL |
| | | | | | SM_STD#1mega_00027 | 50 uL | 2,4-Dinitrophenol | 4 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 2,4-Dinitrophenol | 2000 ug/mL |
| **SV_BNAL4_LVI_00009** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L4_00007 | 2 mL | Benzoic acid | 1 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 1 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 1 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 1 ug/mL |
| | | | | | | | Carbamazepine | 1 ug/mL |
| | | | | | | | Coumarin | 1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | | | N-Methylaniline | 1 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 1 ug/mL |
| | | | | | | | Phenyl ether | 1 ug/mL |
| | | | | | | | Bisphenol-A | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Atrazine | 1 ug/mL |
| | | | | | | | Benzaldehyde | 1 ug/mL |
| | | | | | | | Caprolactam | 1 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 1 ug/mL |
| | | | | | | | Benzidine | 1 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 1 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1 ug/mL |
| | | | | | | | 2-Chlorophenol | 1 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2-Methylphenol | 1 ug/mL |
| | | | | | | | 2-Nitroaniline | 1 ug/mL |
| | | | | | | | 2-Nitrophenol | 1 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1 ug/mL |
| | | | | | | | 3-Nitroaniline | 1 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 1 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Methylphenol | 1 ug/mL |
| | | | | | | | 4-Nitroaniline | 1 ug/mL |
| | | | | | | | 4-Nitrophenol | 2 ug/mL |
| | | | | | | | Acenaphthene | 1 ug/mL |
| | | | | | | | Acenaphthylene | 1 ug/mL |
| | | | | | | | Acetophenone | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Anthracene | 1 ug/mL |
| | | | | | | | Azobenzene | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Benzyl alcohol | 1 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1 ug/mL |
| | | | | | | | Carbazole | 1 ug/mL |
| | | | | | | | Chrysene | 1 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Dibenzofuran | 1 ug/mL |
| | | | | | | | Diethyl phthalate | 1 ug/mL |
| | | | | | | | Dimethyl phthalate | 1 ug/mL |
| | | | | | | | Fluoranthene | 1 ug/mL |
| | | | | | | | Fluorene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | Isophorone | 1 ug/mL |
| | | | | | | | n-Decane | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1 ug/mL |
| | | | | | | | n-Octadecane | 1 ug/mL |
| | | | | | | | Naphthalene | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pentachlorophenol | 2 ug/mL |
| | | | | | | | Phenanthrene | 1 ug/mL |
| | | | | | | | Phenol | 1 ug/mL |
| | | | | | | | Pyrene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| .SV_BNA_L4_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 25 mL | SM-BenzAcid_00021 | 62.5 uL | Benzoic acid | 5 ug/mL |
| | | | | | SM_8270_surr_00015 | 250 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 62.5 uL | 1,3-Dimethylnaphthalene | 5 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 5 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Carbamazepine | 5 ug/mL |
| | | | | | | | Coumarin | 5 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 5 ug/mL |
| | | | | | | | N-Methylaniline | 5 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 5 ug/mL |
| | | | | | | | Phenyl ether | 5 ug/mL |
| | | | | | SM_BPA_00021 | 125 uL | Bisphenol-A | 5 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 62.5 uL | Atrazine | 5 ug/mL |
| | | | | | | | Benzaldehyde | 5 ug/mL |
| | | | | | | | Caprolactam | 5 ug/mL |
| | | | | | SM_std #9BNA_00025 | 62.5 uL | 3,3'-Dichlorobenzidine | 5 ug/mL |
| | | | | | | | Benzidine | 5 ug/mL |
| | | | | | SM_STD#1mega_00027 | 125 uL | 1,1'-Biphenyl | 5 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 5 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 5 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 5 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,4-Dioxane | 5 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 5 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 5 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 5 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 5 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 5 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 5 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 5 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 5 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 5 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 5 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 5 ug/mL |
| | | | | | | | 2-Chlorophenol | 5 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 5 ug/mL |
| | | | | | | | 2-Methylphenol | 5 ug/mL |
| | | | | | | | 2-Nitroaniline | 5 ug/mL |
| | | | | | | | 2-Nitrophenol | 5 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 5 ug/mL |
| | | | | | | | 3-Nitroaniline | 5 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 10 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Chloro-3-methylphenol | 5 ug/mL |
| | | | | | | | 4-Chloroaniline | 5 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 5 ug/mL |
| | | | | | | | 4-Methylphenol | 5 ug/mL |
| | | | | | | | 4-Nitroaniline | 5 ug/mL |
| | | | | | | | 4-Nitrophenol | 10 ug/mL |
| | | | | | | | Acenaphthene | 5 ug/mL |
| | | | | | | | Acenaphthylene | 5 ug/mL |
| | | | | | | | Acetophenone | 5 ug/mL |
| | | | | | | | Aniline | 5 ug/mL |
| | | | | | | | Anthracene | 5 ug/mL |
| | | | | | | | Azobenzene | 5 ug/mL |
| | | | | | | | Benzo[a]anthracene | 5 ug/mL |
| | | | | | | | Benzo[a]pyrene | 5 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 5 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 5 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 5 ug/mL |
| | | | | | | | Benzyl alcohol | 5 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 5 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 5 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 5 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 5 ug/mL |
| | | | | | | | Carbazole | 5 ug/mL |
| | | | | | | | Chrysene | 5 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 5 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 5 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 5 ug/mL |
| | | | | | | | Dibenzofuran | 5 ug/mL |
| | | | | | | | Diethyl phthalate | 5 ug/mL |
| | | | | | | | Dimethyl phthalate | 5 ug/mL |
| | | | | | | | Fluoranthene | 5 ug/mL |
| | | | | | | | Fluorene | 5 ug/mL |
| | | | | | | | Hexachlorobenzene | 5 ug/mL |
| | | | | | | | Hexachlorobutadiene | 5 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 5 ug/mL |
| | | | | | | | Hexachloroethane | 5 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 5 ug/mL |
| | | | | | | | Isophorone | 5 ug/mL |
| | | | | | | | n-Decane | 5 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 5 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 5 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 5 ug/mL |
| | | | | | | | n-Octadecane | 5 ug/mL |
| | | | | | | | Naphthalene | 5 ug/mL |
| | | | | | | | Nitrobenzene | 5 ug/mL |
| | | | | | | | Pentachlorophenol | 10 ug/mL |
| | | | | | | | Phenanthrene | 5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenol | 5 ug/mL |
| | | | | | | | Pyrene | 5 ug/mL |
| | | | | | | | Pyridine | 10 ug/mL |
| ..SM-BenzAcid_00021 | 08/31/26 | | Restek, Lot A0222783 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00021 | 10/30/27 | | Agilent, Lot 0007778114 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL5_LVI_00009** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L5_00007 | 2 mL | Benzoic acid | 2 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 2 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2 ug/mL |
| | | | | | | | Carbamazepine | 2 ug/mL |
| | | | | | | | Coumarin | 2 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2 ug/mL |
| | | | | | | | N-Methylaniline | 2 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2 ug/mL |
| | | | | | | | Phenyl ether | 2 ug/mL |
| | | | | | | | Bisphenol-A | 2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 2 ug/mL |
| | | | | | | | Benzaldehyde | 2 ug/mL |
| | | | | | | | Caprolactam | 2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 2 ug/mL |
| | | | | | | | Benzidine | 2 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 2 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 2 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 2 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,4-Dioxane | 2 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 2 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 2 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 2 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 2 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 2 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 2 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 4 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 2 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 2 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 2 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 2 ug/mL |
| | | | | | | | 2-Chlorophenol | 2 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 2 ug/mL |
| | | | | | | | 2-Methylphenol | 2 ug/mL |
| | | | | | | | 2-Nitroaniline | 2 ug/mL |
| | | | | | | | 2-Nitrophenol | 2 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 2 ug/mL |
| | | | | | | | 3-Nitroaniline | 2 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 4 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 2 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 2 ug/mL |
| | | | | | | | 4-Chloroaniline | 2 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 2 ug/mL |
| | | | | | | | 4-Methylphenol | 2 ug/mL |
| | | | | | | | 4-Nitroaniline | 2 ug/mL |
| | | | | | | | 4-Nitrophenol | 4 ug/mL |
| | | | | | | | Acenaphthene | 2 ug/mL |
| | | | | | | | Acenaphthylene | 2 ug/mL |
| | | | | | | | Acetophenone | 2 ug/mL |
| | | | | | | | Aniline | 2 ug/mL |
| | | | | | | | Anthracene | 2 ug/mL |
| | | | | | | | Azobenzene | 2 ug/mL |
| | | | | | | | Benzo[a]anthracene | 2 ug/mL |
| | | | | | | | Benzo[a]pyrene | 2 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 2 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 2 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 2 ug/mL |
| | | | | | | | Benzyl alcohol | 2 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 2 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 2 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 2 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Butyl benzyl phthalate | 2 ug/mL |
| | | | | | | | Carbazole | 2 ug/mL |
| | | | | | | | Chrysene | 2 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 2 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 2 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 2 ug/mL |
| | | | | | | | Dibenzofuran | 2 ug/mL |
| | | | | | | | Diethyl phthalate | 2 ug/mL |
| | | | | | | | Dimethyl phthalate | 2 ug/mL |
| | | | | | | | Fluoranthene | 2 ug/mL |
| | | | | | | | Fluorene | 2 ug/mL |
| | | | | | | | Hexachlorobenzene | 2 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 2 ug/mL |
| | | | | | | | Hexachloroethane | 2 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 2 ug/mL |
| | | | | | | | Isophorone | 2 ug/mL |
| | | | | | | | n-Decane | 2 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 2 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 2 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 2 ug/mL |
| | | | | | | | n-Octadecane | 2 ug/mL |
| | | | | | | | Naphthalene | 2 ug/mL |
| | | | | | | | Nitrobenzene | 2 ug/mL |
| | | | | | | | Pentachlorophenol | 4 ug/mL |
| | | | | | | | Phenanthrene | 2 ug/mL |
| | | | | | | | Phenol | 2 ug/mL |
| | | | | | | | Pyrene | 2 ug/mL |
| | | | | | | | Pyridine | 4 ug/mL |
| .SV_BNA_L5_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 25 mL | SM-BenzAcid_00021 | 125 uL | Benzoic acid | 10 ug/mL |
| | | | | | SM_8270_surr_00015 | 250 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 125 uL | 1,3-Dimethylnaphthalene | 10 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 10 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 10 ug/mL |
| | | | | | | | Carbamazepine | 10 ug/mL |
| | | | | | | | Coumarin | 10 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 10 ug/mL |
| | | | | | | | N-Methylaniline | 10 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 10 ug/mL |
| | | | | | | | Phenyl ether | 10 ug/mL |
| | | | | | SM_BPA_00021 | 250 uL | Bisphenol-A | 10 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 125 uL | Atrazine | 10 ug/mL |
| | | | | | | | Benzaldehyde | 10 ug/mL |
| | | | | | | | Caprolactam | 10 ug/mL |
| | | | | | SM_std #9BNA_00025 | 125 uL | 3,3'-Dichlorobenzidine | 10 ug/mL |
| | | | | | | | Benzidine | 10 ug/mL |
| | | | | | SM_STD#1mega_00027 | 250 uL | 1,1'-Biphenyl | 10 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 10 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 10 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dioxane | 10 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 10 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 10 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 10 ug/mL |
| | | | | | | | 2-Chlorophenol | 10 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2-Methylphenol | 10 ug/mL |
| | | | | | | | 2-Nitroaniline | 10 ug/mL |
| | | | | | | | 2-Nitrophenol | 10 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 10 ug/mL |
| | | | | | | | 3-Nitroaniline | 10 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 20 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 10 ug/mL |
| | | | | | | | 4-Chloroaniline | 10 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Methylphenol | 10 ug/mL |
| | | | | | | | 4-Nitroaniline | 10 ug/mL |
| | | | | | | | 4-Nitrophenol | 20 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acetophenone | 10 ug/mL |
| | | | | | | | Aniline | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Azobenzene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Benzyl alcohol | 10 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 10 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 10 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 10 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 10 ug/mL |
| | | | | | | | Carbazole | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 10 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Dibenzofuran | 10 ug/mL |
| | | | | | | | Diethyl phthalate | 10 ug/mL |
| | | | | | | | Dimethyl phthalate | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Hexachlorobenzene | 10 ug/mL |
| | | | | | | | Hexachlorobutadiene | 10 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 10 ug/mL |
| | | | | | | | Hexachloroethane | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Isophorone | 10 ug/mL |
| | | | | | | | n-Decane | 10 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 10 ug/mL |
| | | | | | | | n-Octadecane | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Nitrobenzene | 10 ug/mL |
| | | | | | | | Pentachlorophenol | 20 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Phenol | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| | | | | | | | Pyridine | 20 ug/mL |
| ..SM-BenzAcid_00021 | 08/31/26 | | Restek, Lot A0222783 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00021 | 10/30/27 | | Agilent, Lot 0007778114 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL6_LVI_00010** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L6_00007 | 2 mL | Benzoic acid | 4 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 4 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 4 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 4 ug/mL |
| | | | | | | | Carbamazepine | 4 ug/mL |
| | | | | | | | Coumarin | 4 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 4 ug/mL |
| | | | | | | | N-Methylaniline | 4 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 4 ug/mL |
| | | | | | | | Phenyl ether | 4 ug/mL |
| | | | | | | | Bisphenol-A | 4 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 3.2 ug/mL |
| | | | | | | | Benzaldehyde | 3.2 ug/mL |
| | | | | | | | Caprolactam | 3.2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 4 ug/mL |
| | | | | | | | Benzidine | 4 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 4 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 4 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 4 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 4 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,4-Dioxane | 4 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 4 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 4 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 4 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4,5-Trichlorophenol | 4 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 4 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 4 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 4 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 8 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 4 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 4 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 4 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 4 ug/mL |
| | | | | | | | 2-Chlorophenol | 4 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 4 ug/mL |
| | | | | | | | 2-Methylphenol | 4 ug/mL |
| | | | | | | | 2-Nitroaniline | 4 ug/mL |
| | | | | | | | 2-Nitrophenol | 4 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 4 ug/mL |
| | | | | | | | 3-Nitroaniline | 4 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 8 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 4 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 4 ug/mL |
| | | | | | | | 4-Chloroaniline | 4 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 4 ug/mL |
| | | | | | | | 4-Methylphenol | 4 ug/mL |
| | | | | | | | 4-Nitroaniline | 4 ug/mL |
| | | | | | | | 4-Nitrophenol | 8 ug/mL |
| | | | | | | | Acenaphthene | 4 ug/mL |
| | | | | | | | Acenaphthylene | 4 ug/mL |
| | | | | | | | Acetophenone | 4 ug/mL |
| | | | | | | | Aniline | 4 ug/mL |
| | | | | | | | Anthracene | 4 ug/mL |
| | | | | | | | Azobenzene | 4 ug/mL |
| | | | | | | | Benzo[a]anthracene | 4 ug/mL |
| | | | | | | | Benzo[a]pyrene | 4 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 4 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 4 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 4 ug/mL |
| | | | | | | | Benzyl alcohol | 4 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 4 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 4 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 4 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 4 ug/mL |
| | | | | | | | Carbazole | 4 ug/mL |
| | | | | | | | Chrysene | 4 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 4 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 4 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 4 ug/mL |
| | | | | | | | Dibenzofuran | 4 ug/mL |
| | | | | | | | Diethyl phthalate | 4 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dimethyl phthalate | 4 ug/mL |
| | | | | | | | Fluoranthene | 4 ug/mL |
| | | | | | | | Fluorene | 4 ug/mL |
| | | | | | | | Hexachlorobenzene | 4 ug/mL |
| | | | | | | | Hexachlorobutadiene | 4 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 4 ug/mL |
| | | | | | | | Hexachloroethane | 4 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 4 ug/mL |
| | | | | | | | Isophorone | 4 ug/mL |
| | | | | | | | n-Decane | 4 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 4 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 4 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 4 ug/mL |
| | | | | | | | n-Octadecane | 4 ug/mL |
| | | | | | | | Naphthalene | 4 ug/mL |
| | | | | | | | Nitrobenzene | 4 ug/mL |
| | | | | | | | Pentachlorophenol | 8 ug/mL |
| | | | | | | | Phenanthrene | 4 ug/mL |
| | | | | | | | Phenol | 4 ug/mL |
| | | | | | | | Pyrene | 4 ug/mL |
| | | | | | | | Pyridine | 8 ug/mL |
| .SV_BNA_L6_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 25 mL | SM-BenzAcid_00021 | 250 uL | Benzoic acid | 20 ug/mL |
| | | | | | SM_8270_surr_00015 | 250 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 250 uL | 1,3-Dimethylnaphthalene | 20 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 20 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 20 ug/mL |
| | | | | | | | Carbamazepine | 20 ug/mL |
| | | | | | | | Coumarin | 20 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 20 ug/mL |
| | | | | | | | N-Methylaniline | 20 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 20 ug/mL |
| | | | | | | | Phenyl ether | 20 ug/mL |
| | | | | | SM_BPA_00021 | 500 uL | Bisphenol-A | 20 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 200 uL | Atrazine | 16 ug/mL |
| | | | | | | | Benzaldehyde | 16 ug/mL |
| | | | | | | | Caprolactam | 16 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | SM_std #9BNA_00025 | 250 uL | 3,3'-Dichlorobenzidine | 20 ug/mL |
| | | | | | | | Benzidine | 20 ug/mL |
| | | | | | SM_STD#1mega_00027 | 500 uL | 1,1'-Biphenyl | 20 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 20 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 20 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 20 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,4-Dioxane | 20 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 20 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 20 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 20 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 20 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 20 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 20 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 40 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 20 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 20 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 20 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 20 ug/mL |
| | | | | | | | 2-Chlorophenol | 20 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 20 ug/mL |
| | | | | | | | 2-Methylphenol | 20 ug/mL |
| | | | | | | | 2-Nitroaniline | 20 ug/mL |
| | | | | | | | 2-Nitrophenol | 20 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 20 ug/mL |
| | | | | | | | 3-Nitroaniline | 20 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 40 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 20 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 20 ug/mL |
| | | | | | | | 4-Chloroaniline | 20 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 20 ug/mL |
| | | | | | | | 4-Methylphenol | 20 ug/mL |
| | | | | | | | 4-Nitroaniline | 20 ug/mL |
| | | | | | | | 4-Nitrophenol | 40 ug/mL |
| | | | | | | | Acenaphthene | 20 ug/mL |
| | | | | | | | Acenaphthylene | 20 ug/mL |
| | | | | | | | Acetophenone | 20 ug/mL |
| | | | | | | | Aniline | 20 ug/mL |
| | | | | | | | Anthracene | 20 ug/mL |
| | | | | | | | Azobenzene | 20 ug/mL |
| | | | | | | | Benzo[a]anthracene | 20 ug/mL |
| | | | | | | | Benzo[a]pyrene | 20 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 20 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 20 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[k]fluoranthene | 20 ug/mL |
| | | | | | | | Benzyl alcohol | 20 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 20 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 20 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 20 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 20 ug/mL |
| | | | | | | | Carbazole | 20 ug/mL |
| | | | | | | | Chrysene | 20 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 20 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 20 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 20 ug/mL |
| | | | | | | | Dibenzofuran | 20 ug/mL |
| | | | | | | | Diethyl phthalate | 20 ug/mL |
| | | | | | | | Dimethyl phthalate | 20 ug/mL |
| | | | | | | | Fluoranthene | 20 ug/mL |
| | | | | | | | Fluorene | 20 ug/mL |
| | | | | | | | Hexachlorobenzene | 20 ug/mL |
| | | | | | | | Hexachlorobutadiene | 20 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 20 ug/mL |
| | | | | | | | Hexachloroethane | 20 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 20 ug/mL |
| | | | | | | | Isophorone | 20 ug/mL |
| | | | | | | | n-Decane | 20 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 20 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 20 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 20 ug/mL |
| | | | | | | | n-Octadecane | 20 ug/mL |
| | | | | | | | Naphthalene | 20 ug/mL |
| | | | | | | | Nitrobenzene | 20 ug/mL |
| | | | | | | | Pentachlorophenol | 40 ug/mL |
| | | | | | | | Phenanthrene | 20 ug/mL |
| | | | | | | | Phenol | 20 ug/mL |
| | | | | | | | Pyrene | 20 ug/mL |
| | | | | | | | Pyridine | 40 ug/mL |
| ..SM-BenzAcid_00021 | 08/31/26 | | Restek, Lot A0222783 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00021 | 10/30/27 | | Agilent, Lot 0007778114 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **SV_BNAL7_LVI_00010** | 03/27/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L7_00008 | 2 mL | Benzoic acid | 10 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 10 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 10 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 10 ug/mL |
| | | | | | | | Carbamazepine | 10 ug/mL |
| | | | | | | | Coumarin | 10 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 10 ug/mL |
| | | | | | | | N-Methylaniline | 10 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 10 ug/mL |
| | | | | | | | Phenyl ether | 10 ug/mL |
| | | | | | | | Bisphenol-A | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 4 ug/mL |
| | | | | | | | Benzaldehyde | 4 ug/mL |
| | | | | | | | Caprolactam | 4 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 10 ug/mL |
| | | | | | | | Benzidine | 10 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 10 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 10 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 10 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dioxane | 10 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 10 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 10 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 10 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Chloronaphthalene | 10 ug/mL |
| | | | | | | | 2-Chlorophenol | 10 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2-Methylphenol | 10 ug/mL |
| | | | | | | | 2-Nitroaniline | 10 ug/mL |
| | | | | | | | 2-Nitrophenol | 10 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 10 ug/mL |
| | | | | | | | 3-Nitroaniline | 10 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 20 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 10 ug/mL |
| | | | | | | | 4-Chloroaniline | 10 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Methylphenol | 10 ug/mL |
| | | | | | | | 4-Nitroaniline | 10 ug/mL |
| | | | | | | | 4-Nitrophenol | 20 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |
| | | | | | | | Acetophenone | 10 ug/mL |
| | | | | | | | Aniline | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Azobenzene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Benzyl alcohol | 10 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 10 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 10 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 10 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 10 ug/mL |
| | | | | | | | Carbazole | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 10 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Dibenzofuran | 10 ug/mL |
| | | | | | | | Diethyl phthalate | 10 ug/mL |
| | | | | | | | Dimethyl phthalate | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Hexachlorobenzene | 10 ug/mL |
| | | | | | | | Hexachlorobutadiene | 10 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 10 ug/mL |
| | | | | | | | Hexachloroethane | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Isophorone | 10 ug/mL |
| | | | | | | | n-Decane | 10 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 10 ug/mL |
| | | | | | | | n-Octadecane | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Nitrobenzene | 10 ug/mL |
| | | | | | | | Pentachlorophenol | 20 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Phenol | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| | | | | | | | Pyridine | 20 ug/mL |
| | | | | | | | 2,3,7,8-TCDD | 0.1 ug/mL |
| .SV_BNA_L7_00008 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 50 mL | SM-BenzAcid_00021 | 1250 uL | Benzoic acid | 50 ug/mL |
| | | | | | SM_8270_surr_00015 | 500 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 1250 uL | 1,3-Dimethylnaphthalene | 50 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 50 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 50 ug/mL |
| | | | | | | | Carbamazepine | 50 ug/mL |
| | | | | | | | Coumarin | 50 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 50 ug/mL |
| | | | | | | | N-Methylaniline | 50 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 50 ug/mL |
| | | | | | | | Phenyl ether | 50 ug/mL |
| | | | | | SM_BPA_00021 | 2500 uL | Bisphenol-A | 50 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 500 uL | Atrazine | 20 ug/mL |
| | | | | | | | Benzaldehyde | 20 ug/mL |
| | | | | | | | Caprolactam | 20 ug/mL |
| | | | | | SM_std #9BNA_00025 | 1250 uL | 3,3'-Dichlorobenzidine | 50 ug/mL |
| | | | | | | | Benzidine | 50 ug/mL |
| | | | | | SM_STD#1mega_00027 | 2500 uL | 1,1'-Biphenyl | 50 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 50 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 50 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 50 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 50 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 50 ug/mL |
| | | | | | | | 2-Chlorophenol | 50 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2-Methylphenol | 50 ug/mL |
| | | | | | | | 2-Nitroaniline | 50 ug/mL |
| | | | | | | | 2-Nitrophenol | 50 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 50 ug/mL |
| | | | | | | | 3-Nitroaniline | 50 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 100 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 50 ug/mL |
| | | | | | | | 4-Chloroaniline | 50 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Methylphenol | 50 ug/mL |
| | | | | | | | 4-Nitroaniline | 50 ug/mL |
| | | | | | | | 4-Nitrophenol | 100 ug/mL |
| | | | | | | | Acenaphthene | 50 ug/mL |
| | | | | | | | Acenaphthylene | 50 ug/mL |
| | | | | | | | Acetophenone | 50 ug/mL |
| | | | | | | | Aniline | 50 ug/mL |
| | | | | | | | Anthracene | 50 ug/mL |
| | | | | | | | Azobenzene | 50 ug/mL |
| | | | | | | | Benzo[a]anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]pyrene | 50 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 50 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 50 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 50 ug/mL |
| | | | | | | | Benzyl alcohol | 50 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 50 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 50 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 50 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 50 ug/mL |
| | | | | | | | Carbazole | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chrysene | 50 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 50 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 50 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 50 ug/mL |
| | | | | | | | Dibenzofuran | 50 ug/mL |
| | | | | | | | Diethyl phthalate | 50 ug/mL |
| | | | | | | | Dimethyl phthalate | 50 ug/mL |
| | | | | | | | Fluoranthene | 50 ug/mL |
| | | | | | | | Fluorene | 50 ug/mL |
| | | | | | | | Hexachlorobenzene | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 50 ug/mL |
| | | | | | | | Hexachloroethane | 50 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 50 ug/mL |
| | | | | | | | Isophorone | 50 ug/mL |
| | | | | | | | n-Decane | 50 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 50 ug/mL |
| | | | | | | | n-Octadecane | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | Nitrobenzene | 50 ug/mL |
| | | | | | | | Pentachlorophenol | 100 ug/mL |
| | | | | | | | Phenanthrene | 50 ug/mL |
| | | | | | | | Phenol | 50 ug/mL |
| | | | | | | | Pyrene | 50 ug/mL |
| | | | | | | | Pyridine | 100 ug/mL |
| | | | | | SM_TCDD_00016 | 500 uL | 2,3,7,8-TCDD | 0.5 ug/mL |
| ..SM-BenzAcid_00021 | 08/31/26 | | Restek, Lot A0222783 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00021 | 10/30/27 | | Agilent, Lot 0007778114 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| ..SM_TCDD_00016 | 03/31/28 | Spex CertiPrep, Lot AA201542801 | | | (Purchased Reagent) | | 2,3,7,8-TCDD | 50 ug/mL |
| **SV_BNAL8_LVI_00009** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L8_00007 | 2 mL | Benzoic acid | 16 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 16 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 16 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 16 ug/mL |
| | | | | | | | Carbamazepine | 16 ug/mL |
| | | | | | | | Coumarin | 16 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 16 ug/mL |
| | | | | | | | N-Methylaniline | 16 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 16 ug/mL |
| | | | | | | | Phenyl ether | 16 ug/mL |
| | | | | | | | Bisphenol-A | 16 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 4.8 ug/mL |
| | | | | | | | Benzaldehyde | 4.8 ug/mL |
| | | | | | | | Caprolactam | 4.8 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 16 ug/mL |
| | | | | | | | Benzidine | 16 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 16 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 16 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 16 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 16 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 16 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 16 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 16 ug/mL |
| | | | | | | | 1,4-Dioxane | 16 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 16 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 16 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 16 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 16 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 16 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 16 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 16 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 32 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 16 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 16 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 16 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 16 ug/mL |
| | | | | | | | 2-Chlorophenol | 16 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 16 ug/mL |
| | | | | | | | 2-Methylphenol | 16 ug/mL |
| | | | | | | | 2-Nitroaniline | 16 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Nitrophenol | 16 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 16 ug/mL |
| | | | | | | | 3-Nitroaniline | 16 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 32 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 16 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 16 ug/mL |
| | | | | | | | 4-Chloroaniline | 16 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 16 ug/mL |
| | | | | | | | 4-Methylphenol | 16 ug/mL |
| | | | | | | | 4-Nitroaniline | 16 ug/mL |
| | | | | | | | 4-Nitrophenol | 32 ug/mL |
| | | | | | | | Acenaphthene | 16 ug/mL |
| | | | | | | | Acenaphthylene | 16 ug/mL |
| | | | | | | | Acetophenone | 16 ug/mL |
| | | | | | | | Aniline | 16 ug/mL |
| | | | | | | | Anthracene | 16 ug/mL |
| | | | | | | | Azobenzene | 16 ug/mL |
| | | | | | | | Benzo[a]anthracene | 16 ug/mL |
| | | | | | | | Benzo[a]pyrene | 16 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 16 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 16 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 16 ug/mL |
| | | | | | | | Benzyl alcohol | 16 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 16 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 16 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 16 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 16 ug/mL |
| | | | | | | | Carbazole | 16 ug/mL |
| | | | | | | | Chrysene | 16 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 16 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 16 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 16 ug/mL |
| | | | | | | | Dibenzofuran | 16 ug/mL |
| | | | | | | | Diethyl phthalate | 16 ug/mL |
| | | | | | | | Dimethyl phthalate | 16 ug/mL |
| | | | | | | | Fluoranthene | 16 ug/mL |
| | | | | | | | Fluorene | 16 ug/mL |
| | | | | | | | Hexachlorobenzene | 16 ug/mL |
| | | | | | | | Hexachlorobutadiene | 16 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 16 ug/mL |
| | | | | | | | Hexachloroethane | 16 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 16 ug/mL |
| | | | | | | | Isophorone | 16 ug/mL |
| | | | | | | | n-Decane | 16 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 16 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 16 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 16 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Octadecane | 16 ug/mL |
| | | | | | | | Naphthalene | 16 ug/mL |
| | | | | | | | Nitrobenzene | 16 ug/mL |
| | | | | | | | Pentachlorophenol | 32 ug/mL |
| | | | | | | | Phenanthrene | 16 ug/mL |
| | | | | | | | Phenol | 16 ug/mL |
| | | | | | | | Pyrene | 16 ug/mL |
| | | | | | | | Pyridine | 32 ug/mL |
| .SV_BNA_L8_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 25 mL | SM-BenzAcid_00021 | 1000 uL | Benzoic acid | 80 ug/mL |
| | | | | | SM_8270_surr_00015 | 250 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 1000 uL | 1,3-Dimethylnaphthalene | 80 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 80 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 80 ug/mL |
| | | | | | | | Carbamazepine | 80 ug/mL |
| | | | | | | | Coumarin | 80 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 80 ug/mL |
| | | | | | | | N-Methylaniline | 80 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 80 ug/mL |
| | | | | | | | Phenyl ether | 80 ug/mL |
| | | | | | SM_BPA_00021 | 2000 uL | Bisphenol-A | 80 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 300 uL | Atrazine | 24 ug/mL |
| | | | | | | | Benzaldehyde | 24 ug/mL |
| | | | | | | | Caprolactam | 24 ug/mL |
| | | | | | SM_std #9BNA_00025 | 1000 uL | 3,3'-Dichlorobenzidine | 80 ug/mL |
| | | | | | | | Benzidine | 80 ug/mL |
| | | | | | SM_STD#1mega_00027 | 2000 uL | 1,1'-Biphenyl | 80 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 80 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 80 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 80 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,4-Dioxane | 80 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 80 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 80 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 80 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4,5-Trichlorophenol | 80 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 80 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 80 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 80 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 160 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 80 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 80 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 80 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 80 ug/mL |
| | | | | | | | 2-Chlorophenol | 80 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 80 ug/mL |
| | | | | | | | 2-Methylphenol | 80 ug/mL |
| | | | | | | | 2-Nitroaniline | 80 ug/mL |
| | | | | | | | 2-Nitrophenol | 80 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 80 ug/mL |
| | | | | | | | 3-Nitroaniline | 80 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 160 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 80 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 80 ug/mL |
| | | | | | | | 4-Chloroaniline | 80 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 80 ug/mL |
| | | | | | | | 4-Methylphenol | 80 ug/mL |
| | | | | | | | 4-Nitroaniline | 80 ug/mL |
| | | | | | | | 4-Nitrophenol | 160 ug/mL |
| | | | | | | | Acenaphthene | 80 ug/mL |
| | | | | | | | Acenaphthylene | 80 ug/mL |
| | | | | | | | Acetophenone | 80 ug/mL |
| | | | | | | | Aniline | 80 ug/mL |
| | | | | | | | Anthracene | 80 ug/mL |
| | | | | | | | Azobenzene | 80 ug/mL |
| | | | | | | | Benzo[a]anthracene | 80 ug/mL |
| | | | | | | | Benzo[a]pyrene | 80 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 80 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 80 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 80 ug/mL |
| | | | | | | | Benzyl alcohol | 80 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 80 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 80 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 80 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 80 ug/mL |
| | | | | | | | Carbazole | 80 ug/mL |
| | | | | | | | Chrysene | 80 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 80 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 80 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 80 ug/mL |
| | | | | | | | Dibenzofuran | 80 ug/mL |
| | | | | | | | Diethyl phthalate | 80 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dimethyl phthalate | 80 ug/mL |
| | | | | | | | Fluoranthene | 80 ug/mL |
| | | | | | | | Fluorene | 80 ug/mL |
| | | | | | | | Hexachlorobenzene | 80 ug/mL |
| | | | | | | | Hexachlorobutadiene | 80 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 80 ug/mL |
| | | | | | | | Hexachloroethane | 80 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 80 ug/mL |
| | | | | | | | Isophorone | 80 ug/mL |
| | | | | | | | n-Decane | 80 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 80 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 80 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 80 ug/mL |
| | | | | | | | n-Octadecane | 80 ug/mL |
| | | | | | | | Naphthalene | 80 ug/mL |
| | | | | | | | Nitrobenzene | 80 ug/mL |
| | | | | | | | Pentachlorophenol | 160 ug/mL |
| | | | | | | | Phenanthrene | 80 ug/mL |
| | | | | | | | Phenol | 80 ug/mL |
| | | | | | | | Pyrene | 80 ug/mL |
| | | | | | | | Pyridine | 160 ug/mL |
| ..SM-BenzAcid_00021 | 08/31/26 | | Restek, Lot A0222783 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00021 | 10/30/27 | | Agilent, Lot 0007778114 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL9_LVI_00008** | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 10 mL | SV_BNA_L9_00007 | 2 mL | Benzoic acid | 24 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 24 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 24 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 24 ug/mL |
| | | | | | | | Carbamazepine | 24 ug/mL |
| | | | | | | | Coumarin | 24 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 24 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Methylaniline | 24 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 24 ug/mL |
| | | | | | | | Phenyl ether | 24 ug/mL |
| | | | | | | | Bisphenol-A | 24 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 6.4 ug/mL |
| | | | | | | | Benzaldehyde | 6.4 ug/mL |
| | | | | | | | Caprolactam | 6.4 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 24 ug/mL |
| | | | | | | | Benzidine | 24 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 24 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 24 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 24 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 24 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,4-Dioxane | 24 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 24 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 24 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 24 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 24 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 24 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 24 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 24 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 48 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 24 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 24 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 24 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 24 ug/mL |
| | | | | | | | 2-Chlorophenol | 24 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 24 ug/mL |
| | | | | | | | 2-Methylphenol | 24 ug/mL |
| | | | | | | | 2-Nitroaniline | 24 ug/mL |
| | | | | | | | 2-Nitrophenol | 24 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 24 ug/mL |
| | | | | | | | 3-Nitroaniline | 24 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 48 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 24 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 24 ug/mL |
| | | | | | | | 4-Chloroaniline | 24 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 24 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Methylphenol | 24 ug/mL |
| | | | | | | | 4-Nitroaniline | 24 ug/mL |
| | | | | | | | 4-Nitrophenol | 48 ug/mL |
| | | | | | | | Acenaphthene | 24 ug/mL |
| | | | | | | | Acenaphthylene | 24 ug/mL |
| | | | | | | | Acetophenone | 24 ug/mL |
| | | | | | | | Aniline | 24 ug/mL |
| | | | | | | | Anthracene | 24 ug/mL |
| | | | | | | | Azobenzene | 24 ug/mL |
| | | | | | | | Benzo[a]anthracene | 24 ug/mL |
| | | | | | | | Benzo[a]pyrene | 24 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 24 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 24 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 24 ug/mL |
| | | | | | | | Benzyl alcohol | 24 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 24 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 24 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 24 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 24 ug/mL |
| | | | | | | | Carbazole | 24 ug/mL |
| | | | | | | | Chrysene | 24 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 24 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 24 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 24 ug/mL |
| | | | | | | | Dibenzofuran | 24 ug/mL |
| | | | | | | | Diethyl phthalate | 24 ug/mL |
| | | | | | | | Dimethyl phthalate | 24 ug/mL |
| | | | | | | | Fluoranthene | 24 ug/mL |
| | | | | | | | Fluorene | 24 ug/mL |
| | | | | | | | Hexachlorobenzene | 24 ug/mL |
| | | | | | | | Hexachlorobutadiene | 24 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 24 ug/mL |
| | | | | | | | Hexachloroethane | 24 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 24 ug/mL |
| | | | | | | | Isophorone | 24 ug/mL |
| | | | | | | | n-Decane | 24 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 24 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 24 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 24 ug/mL |
| | | | | | | | n-Octadecane | 24 ug/mL |
| | | | | | | | Naphthalene | 24 ug/mL |
| | | | | | | | Nitrobenzene | 24 ug/mL |
| | | | | | | | Pentachlorophenol | 48 ug/mL |
| | | | | | | | Phenanthrene | 24 ug/mL |
| | | | | | | | Phenol | 24 ug/mL |
| | | | | | | | Pyrene | 24 ug/mL |
| | | | | | | | Pyridine | 48 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .SV_BNA_L9_00007 | 03/28/26 | 03/19/25 | MeCl2, Lot 1062005 | 25 mL | SM-BenzAcid_00021 | 1500 uL | Benzoic acid | 120 ug/mL |
| | | | | | SM_8270_surr_00015 | 250 uL | 2,4,6-Tribromophenol | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00006 | 1500 uL | 1,3-Dimethylnaphthalene | 120 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 120 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 120 ug/mL |
| | | | | | | | Carbamazepine | 120 ug/mL |
| | | | | | | | Coumarin | 120 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 120 ug/mL |
| | | | | | | | N-Methylaniline | 120 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 120 ug/mL |
| | | | | | | | Phenyl ether | 120 ug/mL |
| | | | | | SM_BPA_00021 | 3000 uL | Bisphenol-A | 120 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00023 | 400 uL | Atrazine | 32 ug/mL |
| | | | | | | | Benzaldehyde | 32 ug/mL |
| | | | | | | | Caprolactam | 32 ug/mL |
| | | | | | SM_std #9BNA_00025 | 1500 uL | 3,3'-Dichlorobenzidine | 120 ug/mL |
| | | | | | | | Benzidine | 120 ug/mL |
| | | | | | SM_STD#1mega_00027 | 3000 uL | 1,1'-Biphenyl | 120 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 120 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 120 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 120 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,4-Dioxane | 120 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 120 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 120 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 120 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 120 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 120 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 120 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 120 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 240 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 120 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 120 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Chloronaphthalene | 120 ug/mL |
| | | | | | | | 2-Chlorophenol | 120 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 120 ug/mL |
| | | | | | | | 2-Methylphenol | 120 ug/mL |
| | | | | | | | 2-Nitroaniline | 120 ug/mL |
| | | | | | | | 2-Nitrophenol | 120 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 120 ug/mL |
| | | | | | | | 3-Nitroaniline | 120 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 240 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 120 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 120 ug/mL |
| | | | | | | | 4-Chloroaniline | 120 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 120 ug/mL |
| | | | | | | | 4-Methylphenol | 120 ug/mL |
| | | | | | | | 4-Nitroaniline | 120 ug/mL |
| | | | | | | | 4-Nitrophenol | 240 ug/mL |
| | | | | | | | Acenaphthene | 120 ug/mL |
| | | | | | | | Acenaphthylene | 120 ug/mL |
| | | | | | | | Acetophenone | 120 ug/mL |
| | | | | | | | Aniline | 120 ug/mL |
| | | | | | | | Anthracene | 120 ug/mL |
| | | | | | | | Azobenzene | 120 ug/mL |
| | | | | | | | Benzo[a]anthracene | 120 ug/mL |
| | | | | | | | Benzo[a]pyrene | 120 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 120 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 120 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 120 ug/mL |
| | | | | | | | Benzyl alcohol | 120 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 120 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 120 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 120 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 120 ug/mL |
| | | | | | | | Carbazole | 120 ug/mL |
| | | | | | | | Chrysene | 120 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 120 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 120 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 120 ug/mL |
| | | | | | | | Dibenzofuran | 120 ug/mL |
| | | | | | | | Diethyl phthalate | 120 ug/mL |
| | | | | | | | Dimethyl phthalate | 120 ug/mL |
| | | | | | | | Fluoranthene | 120 ug/mL |
| | | | | | | | Fluorene | 120 ug/mL |
| | | | | | | | Hexachlorobenzene | 120 ug/mL |
| | | | | | | | Hexachlorobutadiene | 120 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 120 ug/mL |
| | | | | | | | Hexachloroethane | 120 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Isophorone | 120 ug/mL |
| | | | | | | | n-Decane | 120 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 120 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 120 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 120 ug/mL |
| | | | | | | | n-Octadecane | 120 ug/mL |
| | | | | | | | Naphthalene | 120 ug/mL |
| | | | | | | | Nitrobenzene | 120 ug/mL |
| | | | | | | | Pentachlorophenol | 240 ug/mL |
| | | | | | | | Phenanthrene | 120 ug/mL |
| | | | | | | | Phenol | 120 ug/mL |
| | | | | | | | Pyrene | 120 ug/mL |
| | | | | | | | Pyridine | 240 ug/mL |
| ..SM-BenzAcid_00021 | 08/31/26 | | Restek, Lot A0222783 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00015 | 12/31/26 | | Agilent, Lot 0006823184 | | (Purchased Reagent) | | 2,4,6-Tribromophenol | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00006 | 10/10/27 | | Agilent, Lot 0007762104 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00021 | 10/30/27 | | Agilent, Lot 0007778114 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00023 | 04/30/26 | | restek, Lot A0217501 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00025 | 11/30/26 | | restek, Lot A0222834 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00027 | 04/30/26 | | RESTEK, Lot A0222830 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_ICV_ LVI_00012** | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 10 mL | SV_BNA_ICV_00012 | 2 mL | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| .SV_BNA_ICV_00012 | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 25 mL | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| **SV_ICV_ LVI_00012** | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 10 mL | SV_BNA_ICV_00012 | 2 mL | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| .SV_BNA_ICV_00012 | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 25 mL | SM_STD1meg2nd_00007 | 1250 uL | 2-Methylnaphthalene | 50 ug/mL |
| | | | | | | | Acenaphthene | 50 ug/mL |
| | | | | | | | Acenaphthylene | 50 ug/mL |
| | | | | | | | Anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]pyrene | 50 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 50 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 50 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 50 ug/mL |
| | | | | | | | Chrysene | 50 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 50 ug/mL |
| | | | | | | | Fluoranthene | 50 ug/mL |
| | | | | | | | Fluorene | 50 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | Phenanthrene | 50 ug/mL |
| | | | | | | | Pyrene | 50 ug/mL |
| ..SM_STD1meg2nd_00007 | 11/30/25 | | RESTEK, Lot A02010619 | | (Purchased Reagent) | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pyrene | 1000 ug/mL |

# Reagent

# 2-CEVEC_00033

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/18/2025

MS 5/13/25 R2612 #12576975

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569723 **Lot No.:** A0225121

**Description :** 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Chloroethyl vinyl ether | 110-75-8 | MKCK6742 | 99% | 2,511.2 µg/mL | +/- 31.2523 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.



Page 2 of 1362

Reagent

# 7 Freons_00009

CERTIFIED WEIGHT REPORT

**Part Number:** 65833
**Lot Number:** 040723
**Description:** Freon Standard Rev 1
7 components
**Expiration Date:** 040726
**Recommended Storage:** Freezer (0 °C)
**Nominal Concentration (µg/mL):** 2000
**NIST Test ID#:** 6UTB

**Solvent(s):** Methanol **Lot#** EF282-USQ5

R2608

MS 4/29/25 #12541873

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

| | |
|---|---|
| Eli Aliaga | 040723 |
| Formulated By: Eli Aliaga | DATE |
| Pedro Rentas | 040723 |
| Reviewed By: Pedro L. Rentas | DATE |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Initial Conc.(µg/mL) | Final Conc.(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Chlorodifluoromethane | 33601 | 071422 | 0.10 | 10.00 | 0.042 | 20026.7 | 2002.2 | 18.7 | 75-45-6 | 1000 ppm(3500mg/m3/8H) | N/A |
| 2. Chloropentafluoroethane | 34471 | 050719 | 0.10 | 10.00 | 0.042 | 20213.6 | 2020.9 | 18.9 | 76-15-3 | N/A | N/A |
| 3. Chlorotrifluoroethene | 33611 | 040523 | 0.20 | 20.00 | 0.003 | 10028.2 | 2005.1 | 8.2 | 79-38-9 | N/A | N/A |
| 4. 1,2-Dichlorotrifluoroethane | 32641 | 080422 | 0.10 | 10.00 | 0.042 | 20020.4 | 2001.5 | 18.8 | 354-23-4 | N/A | N/A |
| 5. 2,2-Dichloro-1,1,1-trifluoroethane | 33951 | 062022 | 0.10 | 10.00 | 0.042 | 20006.9 | 2000.2 | 18.7 | 306-83-2 | N/A | N/A |
| 6. 1,1-Difluoroethane | 34411 | 121617 | 0.10 | 10.00 | 0.042 | 20009.4 | 2000.4 | 18.7 | 75-37-6 | N/A | N/A |
| 7. 1,2-Difluorotetrachloroethane | 34481 | 102616 | 0.10 | 10.00 | 0.042 | 20010.7 | 2000.6 | 18.7 | 76-12-0 | 500 ppm | N/A |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# 8260 SURR C_00070

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2609

MS 4/30/25 #12545026

08/18/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 567650 **Lot No.:** A0211048

**Description :** 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** May 31, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dibromofluoromethane | 1868-53-7 | 022013 | 99% | 2,502.2 µg/mL | +/- 140.5627 |
| 2 | 1,2-Dichloroethane-d4 | 17060-07-0 | PR-33313 | 99% | 2,501.3 µg/mL | +/- 140.5094 |
| 3 | Toluene-d8 | 2037-26-5 | PR-34141 | 99% | 2,502.8 µg/mL | +/- 140.5965 |
| 4 | 1-Bromo-4-fluorobenzene (BFB) | 460-00-4 | 0000194533 | 99% | 2,501.6 µg/mL | +/- 140.5262 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 1 of 362

# Reagent

# 8260ISNEW_00210

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA
ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

08/18/2025

# Certificate of Analysis

*chromatographic plus*

R2592

ilac-MRA
ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

MS 2/7/25 #12340821

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568718 **Lot No.:** A0217062

**Description :** 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** September 30, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | tert-Butyl-d9-alcohol | 25725-11-5 | HJ-479 | 99% | 5,001.3 µg/mL | +/- 62.1141 |
| 2 | 2-Butanone-d5 | 24313-50-6 | M-276 | 99% | 1,250.9 µg/mL | +/- 15.5357 |
| 3 | Fluorobenzene | 462-06-6 | BCBZ5549 | 99% | 250.0 µg/mL | +/- 3.1065 |
| 4 | 1,4-Dioxane-d8 | 17647-74-4 | RP240917A | 99% | 5,004.3 µg/mL | +/- 62.1513 |
| 5 | Chlorobenzene-d5 | 3114-55-4 | PR-31132 | 99% | 250.3 µg/mL | +/- 3.1102 |
| 6 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | PR-30447 | 99% | 250.7 µg/mL | +/- 3.1152 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)

**CAS #** 67-56-1/7732-18-5

**Purity** 99%

Page 1362

Reagent

# ACROLEIN_00026

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/18/2025

# Certificate of Analysis

*chromatographic plus*

R2624

MS 5/28/25 # 12615014

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568720 **Lot No.:** A0224370

**Description :** 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** October 31, 2026 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acrolein | 107-02-8 | RD250328ECS | 99% | 19,751.5 µg/mL | +/- 580.2590 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Water
**CAS #** 7732-18-5
**Purity** 99%

362

Page

Reagent

# Acrylonitrile_00011

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 79007
**Lot Number:** 030325
**Description:** Acrylonitrile

**Solvent:** Methanol **Lot#** EJ143-USQ10

**Expiration Date:** 030328
**Recommended Storage:** Refrigerate (4 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test ID#:** 6UTB

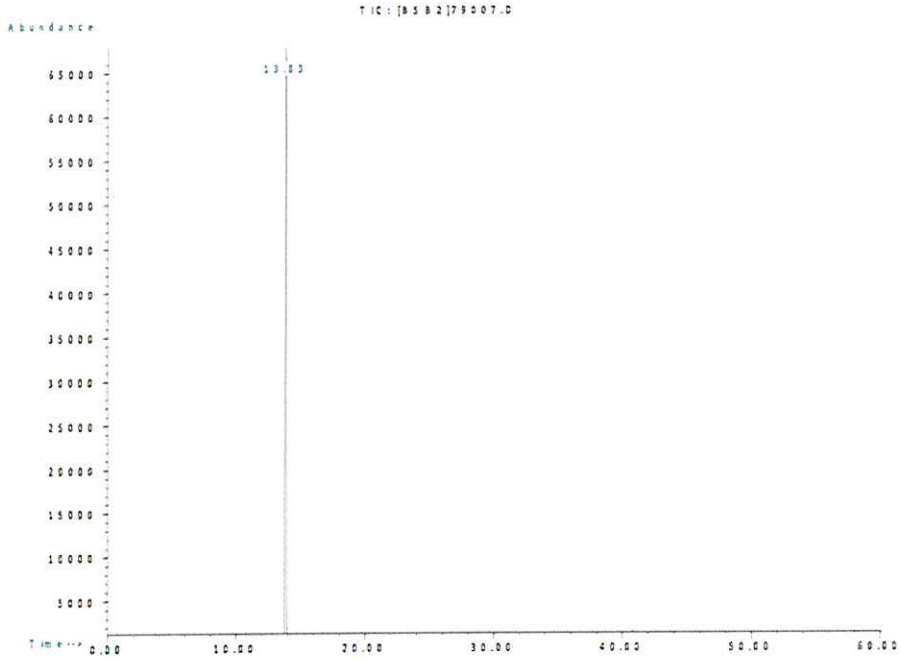
R2596 MS 3/5/25 # 12392448

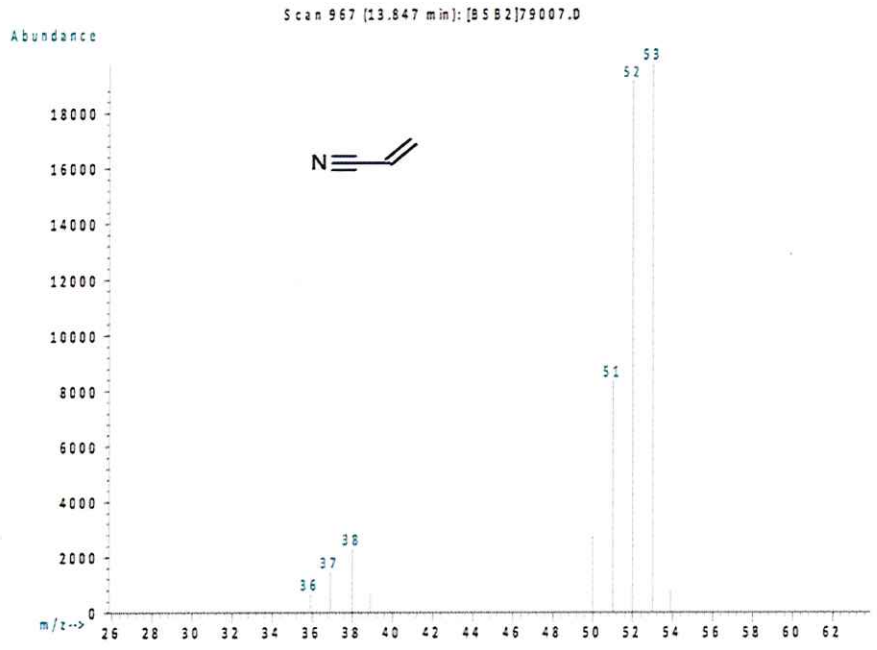
| | | | |
|---|---|---|---|
| Formulated By: | Prashant Chauhan | 030325 | DATE |
| Reviewed By: | Pedro L. Rentas | 030325 | DATE |

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity (%) | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Acrylonitrile | 7 | 4718CK | 1000 | 99 | 0.2 | 0.05054 | 0.05070 | 1003.3 | 4.5 | 107-13-1 | N/A | orl-rat 78 mg/kg |

**Method:** GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C ( Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren




- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# alpha-Pinene_00010

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 71499
Lot Number: 062823
Description: (1S)-(-)-alpha-Pinene

**Solvent(s):** **Lot#**
Methanol EF282-US

Expiration Date: 062826
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

R2628
MS 5/31/25
#1625366

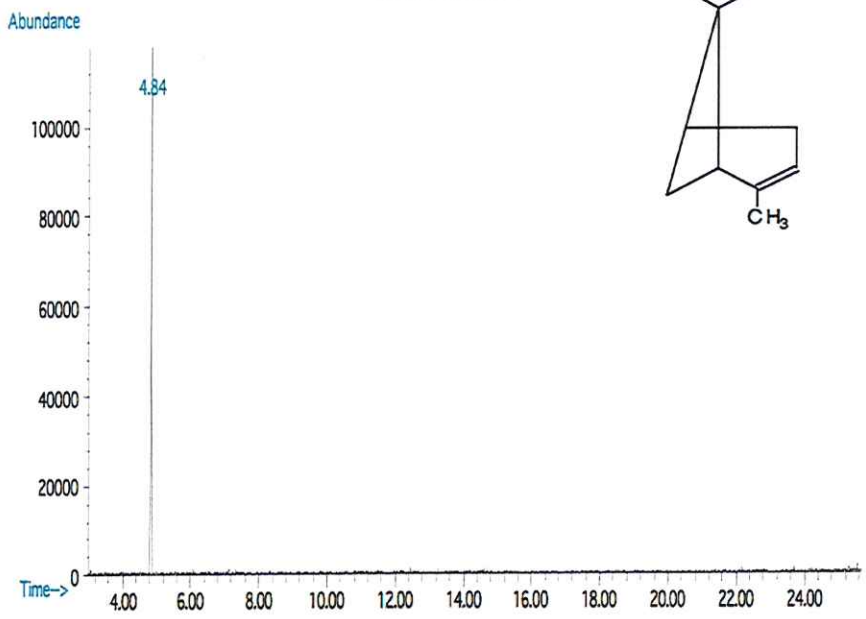
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 25.0 0.004 Flask Uncertainty

| | |
|---|---|
| Gabriel Helland | 062823 |
| Formulated By: Gabriel Helland | DATE |
| Pedro L. Rentas | 062823 |
| Reviewed By: Pedro L. Rentas | DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. (1S)-(-)-alpha-Pinene | 1499 | 51996HKV | 1000 | 99 | 0.2 | 0.02527 | 0.02536 | 1003.8 | 5.7 | 7785-26-4 | N/A | N/A |

**Method GC8MSD-3.M:** Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.

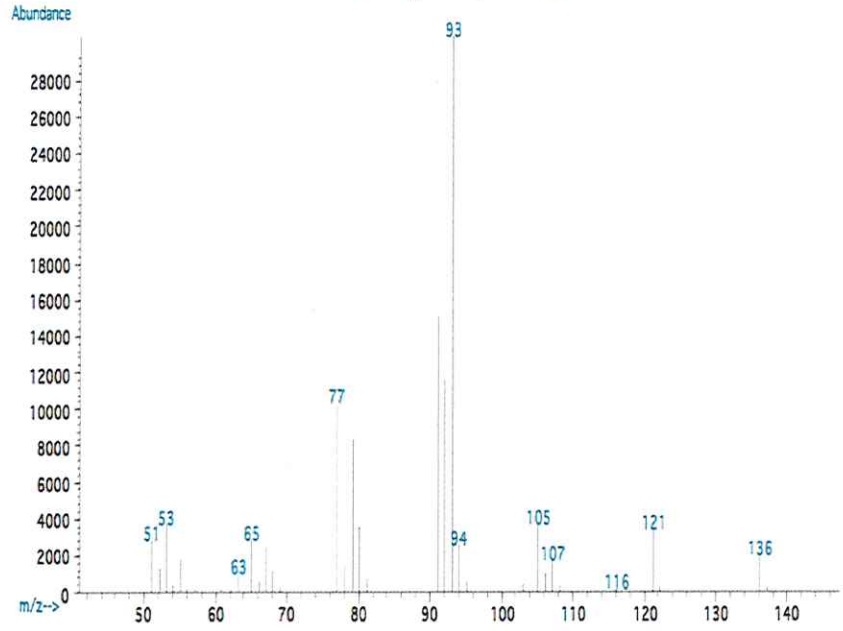
TIC: 71499.D







Scan 136 (4.830): 71499.D




- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# EPICHLO(NEAT)_00001

R1584

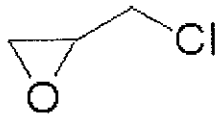
SIGMA-ALDRICH®

sigma-aldrich.com

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

# Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)




| | |
|---|---|
| **Product Number:** | **45340** |
| **Batch Number:** | **SHBD0368V** |
| Brand: | FLUKA |
| CAS Number: | 106-89-8 |
| MDL Number: | MFCD00005132 |
| Formula: | C3H5ClO |
| Formula Weight: | 92.52 g/mol |
| Quality Release Date: | 23 JAN 2013 |

| Test | Specification | Result |
|---|---|---|
| Appearance (Clarity) | Clear | Clear |
| Appearance (Color) | Colorless | Colorless |
| Appearance (Form) | Liquid | Liquid |
| Infrared spectrum | Conforms to Structure | Conforms |
| Color Test | ≤ 20 APHA | < 10 APHA |
| Refractive index at 20 °C | 1.437 - 1.439 | 1.438 |
| Purity (GC) | ≥ 99.0 % | 99.9 % |
| Water (by Karl Fischer) | ≤ 0.1 % | < 0.1 % |

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

# ETHANOL(new)_00027

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2615

MS 5/13/25 #12577031

ilac-MRA
A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ilac-MRA
A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/18/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571994 **Lot No.:** A0220852

**Description :** 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Ethanol | 64-17-5 | SHBR7934 | 99% | 100,059.0 µg/mL | +/- 1,244.6087 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 1 of 1362

Reagent

# Extra Cmpd_00026

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

**Solvent(s):** **Lot#**
Methanol EJ143-USQ6

MS 5/9/25

R2611
#12568561

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

| Formulated By: Prashant Chauhan | 010825 DATE |
|---|---|
| Reviewed By: Pedro L. Rentas | 010825 DATE |

| | Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | n-Amyl acetate | 1515 | OGL01 | 2500 | 98 | 0.2 | 0.19133 | 0.19150 | 2502.3 | 10.4 | 628-63-7 | 100 ppm (525 mg/m3/8H) | orl-rbt 7400 mg/kg |
| 2. | tert-Amyl ethyl ether | 2609 | IKVYB-KF | 2500 | 98 | 0.2 | 0.19133 | 0.19144 | 2501.5 | 10.4 | 919-94-8 | N/A | inh-mus 81284mg/m3/15H |
| 3. | n-Butyl acrylate | 1194 | OGN01 | 2500 | 99 | 0.2 | 0.18939 | 0.18948 | 2501.1 | 10.3 | 141-32-2 | 10 ppm (55mg/m3/8H) | orl-rat 900mg/kg |
| 4. | Butyl methacrylate | 1314 | 03220HG | 2500 | 99 | 0.2 | 0.18939 | 0.18950 | 2501.4 | 10.3 | 97-88-1 | N/A | orl-rat 18 g/kg |
| 5. | Cyclopentene | 519 | MKCL5160 | 2500 | 98.3 | 0.2 | 0.19074 | 0.19089 | 2501.9 | 10.4 | 142-29-0 | N/A | orl-rat 1656mg/kg |
| 6. | 4-Ethyltoluene | 1001 | 031097 | 2500 | 99 | 0.2 | 0.18939 | 0.18945 | 2500.7 | 10.3 | 622-96-8 | N/A | N/A |
| 7. | Indan | 955 | 06309PV | 2500 | 96 | 0.2 | 0.19531 | 0.19545 | 2501.8 | 10.6 | 496-11-7 | N/A | N/A |
| 8. | Isoprene | 1541 | SHBN7340 | 2500 | 99.7 | 0.2 | 0.18806 | 0.18825 | 2502.5 | 10.2 | 78-79-5 | N/A | N/A |
| 9. | Isopropyl acetate | 1106 | MKCQ4616 | 2500 | 99.90 | 0.2 | 0.18769 | 0.18781 | 2501.6 | 10.2 | 108-21-4 | 250 ppm (950mg/m3) | orl-rbt 6946mg/kg |
| 10. | Methyl acrylate | 1075 | SHBK0679 | 2500 | 99.9 | 0.2 | 0.18769 | 0.18780 | 2501.5 | 10.2 | 96-33-3 | 10 ppm(35mg/m3/8H)(skin) | orl-rat 277mg/kg |
| 11. | n-Pentane | 783 | LX202310NP | **5000** | 99.57 | 0.2 | 0.37662 | 0.37682 | **5002.7** | 20.3 | 109-66-0 | 600 ppm(1800mg/m3/8H) | ivn-mus 446mg/kg |
| 12. | Propyl acetate | 1105 | 05017HY | 2500 | 99 | 0.2 | 0.18939 | 0.18950 | 2501.4 | 10.3 | 109-60-4 | 200 ppm (840mg/m3) | orl-rat 9370mg/kg |
| 13. | 1,2,4,5-Tetramethylbenzene | 1222 | 06310PW | 2500 | 98 | 0.2 | 0.19133 | 0.19150 | 2502.3 | 10.4 | 95-93-2 | N/A | orl-rat 6989mg/kg |
| 14. | 1,4-Diethylbenzene | 949 | OGE01 | 2500 | 98 | 0.2 | 0.19133 | 0.19148 | 2502.0 | 10.4 | 105-05-5 | N/A | N/A |

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

# Reagent

# GASES C_00042

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA
A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
08/18/2025

# Certificate of Analysis

*chromatographic plus*

ilac-MRA
A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

R2588

MS 2/5/25 # 12335374

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569722 **Lot No.:** A0211969

**Description :** 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane (CFC-12) | 75-71-8 | 00022922 | 99% | 2,523.8 µg/mL | +/- 142.4301 |
| 2 | Chloromethane (methyl chloride) | 74-87-3 | SHBP8835 | 99% | 2,527.3 µg/mL | +/- 142.5086 |
| 3 | Vinyl chloride | 75-01-4 | 00015559 | 99% | 2,526.1 µg/mL | +/- 142.4075 |
| 4 | 1,3-Butadiene | 106-99-0 | 00019375 | 99% | 2,523.9 µg/mL | +/- 142.3851 |
| 5 | Bromomethane (methyl bromide) | 74-83-9 | 00017022 | 99% | 2,520.8 µg/mL | +/- 142.6962 |
| 6 | Chloroethane (ethyl chloride) | 75-00-3 | 107-401039114-1 | 99% | 2,520.7 µg/mL | +/- 142.3441 |
| 7 | Dichlorofluoromethane (CFC-21) | 75-43-4 | 14485600 | 90% | 2,524.5 µg/mL | +/- 141.8155 |
| 8 | Trichlorofluoromethane (CFC-11) | 75-69-4 | MKCJ8658 | 99% | 2,518.0 µg/mL | +/- 141.8687 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 1362

Reagent

# KetonesC_00033

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2614

MS 5/13/25 #12577002

ilac-MRA
A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
08/18/2025
ilac-MRA
A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569721 **Lot No.:** A0222253

**Description :** 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** February 29, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetone | 67-64-1 | SHBR9592 | 99% | 12,583.7 µg/mL | +/- 434.9207 |
| 2 | 2-Butanone (MEK) | 78-93-3 | SHBQ9020 | 99% | 12,607.3 µg/mL | +/- 435.7387 |
| 3 | 4-Methyl-2-pentanone (MIBK) | 108-10-1 | SHBR0467 | 99% | 12,562.7 µg/mL | +/- 434.1949 |
| 4 | 2-Hexanone | 591-78-6 | MKCV1997 | 99% | 12,622.7 µg/mL | +/- 436.2687 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

Page 2 of 1362

# Reagent

# LIST2/STD6_00026

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2617

MS 5/13/25 #12577053

ilac-MRA
A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
08/18/2025
ilac-MRA
A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 570808 **Lot No.:** A0221376

**Description :** 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Propanol (isopropanol) | 67-63-0 | SHBS0800 | 99% | 25,216.5 µg/mL | +/- 412.3381 |
| 2 | Chloroprene (2-chloro-1,3-butadiene) | 126-99-8 | S241007RSR | 99% | 2,520.0 µg/mL | +/- 41.2189 |
| 3 | Methacrylonitrile | 126-98-7 | 1012014 | 99% | 25,138.0 µg/mL | +/- 411.0545 |
| 4 | 2,2,4-Trimethylpentane ( isooctane ) | 540-84-1 | SHBR4221 | 99% | 2,522.5 µg/mL | +/- 41.2598 |
| 5 | 1-Butanol | 71-36-3 | 101601K21K | 99% | 62,777.0 µg/mL | +/- 1,026.5175 |
| 6 | 2-Nitropropane | 79-46-9 | BCCB9352 | 97% | 5,028.0 µg/mL | +/- 82.2174 |
| 7 | 1-Chlorohexane | 544-10-5 | BCBS3368V | 99% | 2,523.5 µg/mL | +/- 41.2761 |
| 8 | 1,2,3-Trimethylbenzene | 526-73-8 | 8776.10-39 | 98% | 2,506.4 µg/mL | +/- 40.9956 |
| 9 | Benzyl chloride | 100-44-7 | MKCM5986 | 99% | 2,518.0 µg/mL | +/- 41.1862 |
| 10 | 1,3,5-Trichlorobenzene | 108-70-3 | 11319AS | 99% | 2,508.0 µg/mL | +/- 41.0226 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 1363

# Reagent

# LIST2/STD7_00028

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2618
MS 5/13/25 #12577060

08/18/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 570809 **Lot No.:** A0222232

**Description :** 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Ethyl acetate | 141-78-6 | SHBR8669 | 99% | 5,027.0 µg/mL | +/- 173.7448 |
| 2 | Ethyl acrylate | 140-88-5 | MKCQ6014 | 99% | 2,520.5 µg/mL | +/- 87.1200 |
| 3 | Methyl methacrylate | 80-62-6 | 995248V16F | 99% | 5,018.5 µg/mL | +/- 173.4510 |
| 4 | Butyl acetate | 123-86-4 | SHBR2024 | 99% | 2,518.0 µg/mL | +/- 87.0336 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 1 of 1362

Reagent

# Mega Mix SS_00023

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2632

MS 6/11/25 # 1265721

ilac-MRA
A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ilac-MRA
A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
08/18/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571992.SEC **Lot No.:** A0224454

**Description :** 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** October 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Diethyl ether (ethyl ether) | 60-29-7.SEC | 101608R02R | 99% | 2,518.3 µg/mL | +/- 87.0220 |
| 2 | 1,1,2-Trichlorotrifluoroethane (CFC-113) | 76-13-1.SEC | 18342 | 99% | 2,518.7 µg/mL | +/- 87.0335 |
| 3 | 1,1-Dichloroethene | 75-35-4.SEC | 16011600 | 99% | 2,520.0 µg/mL | +/- 87.0795 |
| 4 | tert-Butanol (TBA) | 75-65-0.SEC | X8R3L | 99% | 25,167.3 µg/mL | +/- 869.6654 |
| 5 | Methyl acetate | 79-20-9.SEC | LV27M | 99% | 5,038.3 µg/mL | +/- 174.1015 |
| 6 | Iodomethane (methyl iodide) | 74-88-4.SEC | Y25A027 | 99% | 2,520.2 µg/mL | +/- 87.0853 |
| 7 | Allyl chloride ( 3-chloropropene ) | 107-05-1.SEC | RD241210S | 99% | 2,520.8 µg/mL | +/- 87.1083 |
| 8 | Methylene chloride (dichloromethane) | 75-09-2.SEC | FGM02 | 99% | 2,519.7 µg/mL | +/- 87.0680 |
| 9 | Carbon disulfide | 75-15-0.SEC | MKBL1376V | 99% | 2,520.0 µg/mL | +/- 87.0795 |
| 10 | Acrylonitrile | 107-13-1.SEC | V54AD | 99% | 25,154.8 µg/mL | +/- 869.2334 |
| 11 | Methyl-tert-butyl ether ( MTBE ) | 1634-04-4.SEC | CDCQG | 99% | 2,516.8 µg/mL | +/- 86.9701 |
| 12 | cis-1,2-Dichloroethene | 156-59-2.SEC | HGC01-BLKT | 99% | 2,520.0 µg/mL | +/- 87.0795 |
| 13 | n-Hexane (C6) | 110-54-3.SEC | 10188491 | 99% | 2,522.7 µg/mL | +/- 87.1717 |
| 14 | 1,1-Dichloroethane | 75-34-3.SEC | 1026.30-3 | 98% | 2,517.3 µg/mL | +/- 86.9860 |
| 15 | 2,2-Dichloropropane | 594-20-7.SEC | SDGUL | 98% | 2,519.6 µg/mL | +/- 87.0650 |
| 16 | trans-1,2-Dichloroethene | 156-60-5.SEC | L5QOH | 99% | 2,516.7 µg/mL | +/- 86.9644 |

Page 2 of 1362

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Isobutanol (2-Methyl-1-propanol) | 78-83-1.SEC | YNG3K | 99% | 62,866.7 | µg/mL | +/- 2,172.3781 |
| 18 | Chloroform | 67-66-3.SEC | 2406697 | 99% | 2,518.8 | µg/mL | +/- 87.0392 |
| 19 | Bromochloromethane | 74-97-5 * | S241017RSR | 99% | 2,517.3 | µg/mL | +/- 86.9874 |
| 20 | Tetrahydrofuran | 109-99-9.SEC | M5OKN | 99% | 5,035.8 | µg/mL | +/- 174.0151 |
| 21 | 1,1,1-trichloroethane | 71-55-6 * | S241211RSR | 99% | 2,517.8 | µg/mL | +/- 87.0047 |
| 22 | Cyclohexane | 110-82-7.SEC | YADRA | 99% | 2,516.7 | µg/mL | +/- 86.9644 |
| 23 | 1,1-Dichloropropene | 563-58-6.SEC | 1043300 | 99% | 2,516.2 | µg/mL | +/- 86.9471 |
| 24 | Carbon tetrachloride | 56-23-5.SEC | 11466 | 99% | 2,520.0 | µg/mL | +/- 87.0795 |
| 25 | n-Heptane (C7) | 142-82-5.SEC | TFHUC | 99% | 2,516.0 | µg/mL | +/- 86.9413 |
| 26 | 1,2-Dichloroethane | 107-06-2.SEC | 00016165 | 99% | 2,516.2 | µg/mL | +/- 86.9471 |
| 27 | Benzene | 71-43-2.SEC | 101960P29K | 99% | 2,518.7 | µg/mL | +/- 87.0335 |
| 28 | Trichloroethene | 79-01-6.SEC | H04X050 | 99% | 2,520.0 | µg/mL | +/- 87.0795 |
| 29 | Methylcyclohexane | 108-87-2.SEC | 24MSD-CD | 99% | 2,519.5 | µg/mL | +/- 87.0623 |
| 30 | 1,2-Dichloropropane | 78-87-5.SEC | ERRBI-RH | 99% | 2,520.0 | µg/mL | +/- 87.0795 |
| 31 | 1,4-Dioxane | 123-91-1.SEC | QHRWO | 99% | 50,325.2 | µg/mL | +/- 1,739.0025 |
| 32 | Dibromomethane | 74-95-3.SEC | MOKKJ | 99% | 2,521.5 | µg/mL | +/- 87.1314 |
| 33 | cis-1,3-Dichloropropene | 10061-01-5.SEC | 187458 | 98% | 2,517.0 | µg/mL | +/- 86.9747 |
| 34 | Toluene | 108-88-3.SEC | YND2B-BD | 99% | 2,518.3 | µg/mL | +/- 87.0220 |
| 35 | Ethyl methacrylate | 97-63-2.SEC | AQSPO | 99% | 2,517.7 | µg/mL | +/- 86.9989 |
| 36 | trans-1,3-Dichloropropene | 10061-02-6.SEC | DMSL | 96% | 2,511.7 | µg/mL | +/- 86.7920 |
| 37 | 1,1,2-Trichloroethane | 79-00-5.SEC | 13547100 | 99% | 2,516.5 | µg/mL | +/- 86.9586 |
| 38 | 1,3-Dichloropropane | 142-28-9.SEC | IQCON | 99% | 2,516.2 | µg/mL | +/- 86.9471 |
| 39 | Tetrachloroethene | 127-18-4.SEC | F09W014 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 40 | Dibromochloromethane | 124-48-1.SEC | 10234064 | 99% | 2,514.5 | µg/mL | +/- 86.8895 |
| 41 | 1,2-Dibromoethane (EDB) | 106-93-4.SEC | 050675P15E | 99% | 2,517.2 | µg/mL | +/- 86.9816 |
| 42 | Chlorobenzene | 108-90-7.SEC | 1161936 | 99% | 2,516.2 | µg/mL | +/- 86.9471 |
| 43 | m-Xylene | 108-38-3.SEC | 7ZV6F | 99% | 1,258.7 | µg/mL | +/- 43.4965 |
| 44 | p-Xylene | 106-42-3.SEC | D6UOA | 99% | 1,257.0 | µg/mL | +/- 43.4390 |
| 45 | Ethylbenzene | 100-41-4.SEC | XO5UA | 99% | 2,517.8 | µg/mL | +/- 87.0047 |
| 46 | 1,1,1,2-Tetrachloroethane | 630-20-6.SEC | 9366000 | 99% | 2,516.7 | µg/mL | +/- 86.9644 |
| 47 | o-Xylene | 95-47-6.SEC | FGL01 | 99% | 2,517.0 | µg/mL | +/- 86.9759 |
| 48 | Styrene | 100-42-5.SEC | OFIOL-IA | 99% | 2,514.2 | µg/mL | +/- 86.8780 |
| 49 | Isopropylbenzene (cumene) | 98-82-8.SEC | 7P24L | 99% | 2,516.0 | µg/mL | +/- 86.9413 |
| 50 | Bromoform | 75-25-2.SEC | 15425500 | 99% | 2,510.3 | µg/mL | +/- 86.7455 |
| 51 | Bromodichloromethane | 75-27-4.SEC | 29264 | 98% | 2,511.1 | µg/mL | +/- 86.7715 |
| 52 | 1,1,2,2-Tetrachloroethane | 79-34-5.SEC | BCCB0724 | 99% | 2,513.0 | µg/mL | +/- 86.8377 |

08/18/2025

Page 144 of 1862

| | | | | | | |
|---|---|---|---|---|---|---|
| 53 | 1,2,3-Trichloropropane | 96-18-4.SEC 6V2ED | 99% | 2,515.8 | µg/mL | +/- 86.9356 |
| 54 | trans-1,4-Dichloro-2-butene | 110-57-6.SEC RD250430S | 97% | 2,514.6 | µg/mL | +/- 86.8917 |
| 55 | n-Propylbenzene | 103-65-1.SEC T2HFC | 99% | 2,515.2 | µg/mL | +/- 86.9125 |
| 56 | Bromobenzene | 108-86-1.SEC 8DKWJ | 99% | 2,517.0 | µg/mL | +/- 86.9759 |
| 57 | 1,3,5-Trimethylbenzene | 108-67-8.SEC TOOOF | 99% | 2,517.8 | µg/mL | +/- 87.0047 |
| 58 | 2-Chlorotoluene | 95-49-8.SEC BRHPM | 99% | 2,517.0 | µg/mL | +/- 86.9759 |
| 59 | 4-Chlorotoluene | 106-43-4.SEC P4XHJ-AO | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 60 | tert-Butylbenzene | 98-06-6.SEC OGN01 | 99% | 2,515.7 | µg/mL | +/- 86.9298 |
| 61 | 1,2,4-Trimethylbenzene | 95-63-6.SEC JMIYD | 99% | 2,512.2 | µg/mL | +/- 86.8089 |
| 62 | sec-Butylbenzene | 135-98-8.SEC O4HRF | 99% | 2,518.3 | µg/mL | +/- 87.0220 |
| 63 | 4-Isopropyltoluene (p-cymene) | 99-87-6.SEC 13889300 | 98% | 2,515.7 | µg/mL | +/- 86.9296 |
| 64 | 1,3-Dichlorobenzene | 541-73-1.SEC ZA2ZI | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 65 | 1,4-Dichlorobenzene | 106-46-7.SEC J5GVD | 99% | 2,519.7 | µg/mL | +/- 87.0680 |
| 66 | n-Butylbenzene | 104-51-8.SEC SRMJD | 99% | 2,515.5 | µg/mL | +/- 86.9240 |
| 67 | 1,2-Dichlorobenzene | 95-50-1.SEC SIN2G | 99% | 2,513.7 | µg/mL | +/- 86.8607 |
| 68 | 1,2-Dibromo-3-chloropropane | 96-12-8.SEC Q135-105 | 99% | 2,519.5 | µg/mL | +/- 87.0623 |
| 69 | 1,2,4-Trichlorobenzene | 120-82-1.SEC IGLFA | 99% | 2,516.0 | µg/mL | +/- 86.9413 |
| 70 | Hexachlorobutadiene | 87-68-3.SEC 13889400 | 97% | 2,514.9 | µg/mL | +/- 86.9029 |
| 71 | Naphthalene | 91-20-3.SEC AM5NG | 99% | 2,516.5 | µg/mL | +/- 86.9586 |
| 72 | 1,2,3-Trichlorobenzene | 87-61-6.SEC A0043055 | 98% | 2,516.5 | µg/mL | +/- 86.9578 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

08/18/2025
Page 145 of 1362

Reagent

# Mega Mix_00044

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/18/2025

# Certificate of Analysis

*chromatographic plus*

MS 5/13/25 R2613 # 12576993

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571992 **Lot No.:** A0203458

**Description :** 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Diethyl ether (ethyl ether) | 60-29-7 | SHBQ1495 | 99% | 2,515.0 µg/mL | +/- 86.9068 |
| 2 | 1,1,2-Trichlorotrifluoroethane (CFC-113) | 76-13-1 | 00016133 | 99% | 2,518.8 µg/mL | +/- 87.0364 |
| 3 | 1,1-dichloroethene | 75-35-4 | SHBG8609V | 99% | 2,516.3 µg/mL | +/- 86.9500 |
| 4 | tert-Butanol (TBA) | 75-65-0 | SHBQ8002 | 99% | 25,095.0 µg/mL | +/- 867.1659 |
| 5 | Methyl acetate | 79-20-9 | SHBP3100 | 99% | 5,016.4 µg/mL | +/- 173.3427 |
| 6 | Iodomethane (methyl iodide) | 74-88-4 | MKCN8012 | 99% | 2,517.4 µg/mL | +/- 86.9888 |
| 7 | Allyl chloride ( 3-chloropropene ) | 107-05-1 | RD230914ECS | 99% | 2,515.9 µg/mL | +/- 86.9370 |
| 8 | Methylene chloride (dichloromethane) | 75-09-2 | SHBQ6376 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 9 | Carbon disulfide | 75-15-0 | Q30J743 | 99% | 2,512.9 µg/mL | +/- 86.8333 |
| 10 | Acrylonitrile | 107-13-1 | 102466R02E | 99% | 25,031.9 µg/mL | +/- 864.9846 |
| 11 | Methyl-tert-butyl ether ( MTBE ) | 1634-04-4 | SHBP0179 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 12 | cis-1,2-Dichloroethene | 156-59-2 | MKCP7830 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 13 | n-Hexane (C6) | 110-54-3 | STBG6381 | 99% | 2,520.3 µg/mL | +/- 87.0882 |
| 14 | 1,1-Dichloroethane | 75-34-3 | 852900 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 15 | 2,2-Dichloropropane | 594-20-7 | RD230426 | 99% | 2,521.3 µg/mL | +/- 87.1227 |
| 16 | trans-1,2-Dichloroethene | 156-60-5 | MKCP9516 | 99% | 2,514.9 µg/mL | +/- 86.9025 |



Page 1 of 1362

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Isobutanol (2-Methyl-1-propanol) | 78-83-1 | SHBP7066 | 99% | 62,561.0 | µg/mL | +/- 2,161.8157 |
| 18 | chloroform | 67-66-3 | SHBN8469 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 19 | Bromochloromethane | 74-97-5 | 230810JLM | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 20 | Tetrahydrofuran | 109-99-9 | SHBQ8516 | 99% | 5,020.9 | µg/mL | +/- 173.4982 |
| 21 | 1,1,1-trichloroethane | 71-55-6 | RD230728RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 22 | Cyclohexane | 110-82-7 | MKCQ2001 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 23 | 1,1-Dichloropropene | 563-58-6 | 230825JLM | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 24 | carbon tetrachloride | 56-23-5 | SHBP4875 | 99% | 2,513.0 | µg/mL | +/- 86.8377 |
| 25 | n-Heptane (C7) | 142-82-5 | 044743T01D | 99% | 2,515.4 | µg/mL | +/- 86.9197 |
| 26 | 1,2-Dichloroethane | 107-06-2 | SHBQ0693 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 27 | Benzene | 71-43-2 | MKCS3357 | 99% | 2,513.4 | µg/mL | +/- 86.8506 |
| 28 | Trichloroethene | 79-01-6 | SHBN3720 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 29 | Methylcyclohexane | 108-87-2 | SHBN1699 | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 30 | 1,2-Dichloropropane | 78-87-5 | BCBR0882V | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 31 | 1,4-Dioxane | 123-91-1 | SHBQ2407 | 99% | 50,131.4 | µg/mL | +/- 1,732.3059 |
| 32 | Dibromomethane | 74-95-3 | 10233302 | 99% | 2,514.6 | µg/mL | +/- 86.8938 |
| 33 | cis-1,3-Dichloropropene | 10061-01-5 | RD230406RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 34 | Toluene | 108-88-3 | MKCS9989 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 35 | Ethyl methacrylate | 97-63-2 | MKCN6206 | 97% | 2,508.3 | µg/mL | +/- 86.6752 |
| 36 | trans-1,3-Dichloropropene | 10061-02-6 | RD220816 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 37 | 1,1,2-Trichloroethane | 79-00-5 | FGB01 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 38 | 1,3-Dichloropropane | 142-28-9 | BCCH5357 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 39 | Tetrachloroethene | 127-18-4 | SHBQ0051 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 40 | dibromochloromethane | 124-48-1 | MKCQ4517 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 41 | 1,2-Dibromoethane (EDB) | 106-93-4 | BCCH7113 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 42 | Chlorobenzene | 108-90-7 | SHBN6640 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 43 | m-Xylene | 108-38-3 | SHBN6673 | 99% | 1,254.8 | µg/mL | +/- 43.3584 |
| 44 | p-Xylene | 106-42-3 | SHBP5191 | 99% | 1,257.0 | µg/mL | +/- 43.4361 |
| 45 | Ethylbenzene | 100-41-4 | 094632L21G | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 46 | 1,1,1,2-Tetrachloroethane | 630-20-6 | GC01 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 47 | o-Xylene | 95-47-6 | 50069309 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 48 | Styrene | 100-42-5 | MKCQ3390 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 49 | Isopropylbenzene (cumene) | 98-82-8 | Z20D022 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 50 | bromoform | 75-25-2 | 050494L04R | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 51 | bromodichloromethane | 75-27-4 | MKCF8470 | 99% | 2,512.5 | µg/mL | +/- 86.8204 |
| 52 | 1,1,2,2-Tetrachloroethane | 79-34-5 | QQJ41 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |

08/18/2025

Page 148 of 1362

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 53 | 1,2,3-Trichloropropane | 96-18-4 | Q91-34 | 98% | 2,513.5 | µg/mL | +/- | 86.8534 |
| 54 | trans-1,4-dichloro-2-butene | 110-57-6 | RD230720RSR | 94% | 2,504.7 | µg/mL | +/- | 86.5525 |
| 55 | n-Propylbenzene | 103-65-1 | G08M | 98% | 2,511.4 | µg/mL | +/- | 86.7814 |
| 56 | Bromobenzene | 108-86-1 | MKCQ7174 | 99% | 2,514.8 | µg/mL | +/- | 86.8981 |
| 57 | 1,3,5-Trimethylbenzene | 108-67-8 | BCCF4166 | 99% | 2,513.8 | µg/mL | +/- | 86.8636 |
| 58 | 2-Chlorotoluene | 95-49-8 | 235783M23T | 99% | 2,514.8 | µg/mL | +/- | 86.8981 |
| 59 | 4-Chlorotoluene | 106-43-4 | BCCG9286 | 99% | 2,514.9 | µg/mL | +/- | 86.9025 |
| 60 | tert-Butylbenzene | 98-06-6 | STBJ1937 | 99% | 2,514.0 | µg/mL | +/- | 86.8722 |
| 61 | 1,2,4-Trimethylbenzene | 95-63-6 | MKCS3775 | 99% | 2,515.9 | µg/mL | +/- | 86.9370 |
| 62 | sec-Butylbenzene | 135-98-8 | MKCP2266 | 99% | 2,515.3 | µg/mL | +/- | 86.9154 |
| 63 | p-Isopropyltoluene (p-Cymene) | 99-87-6 | MKCR6143 | 99% | 2,514.9 | µg/mL | +/- | 86.9025 |
| 64 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 2,515.3 | µg/mL | +/- | 86.9154 |
| 65 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 2,514.9 | µg/mL | +/- | 86.9025 |
| 66 | n-Butylbenzene | 104-51-8 | 09418JJ | 99% | 2,514.5 | µg/mL | +/- | 86.8895 |
| 67 | 1,2-Dichlorobenzene | 95-50-1 | SHBN3835 | 99% | 2,514.3 | µg/mL | +/- | 86.8809 |
| 68 | 1,2-Dibromo-3-chloropropane | 96-12-8 | HBMVB | 97% | 2,510.4 | µg/mL | +/- | 86.7464 |
| 69 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 2,514.9 | µg/mL | +/- | 86.9025 |
| 70 | Hexachlorobutadiene | 87-68-3 | RP230823RSR | 98% | 2,510.0 | µg/mL | +/- | 86.7349 |
| 71 | Naphthalene | 91-20-3 | STBL1057 | 99% | 2,514.3 | µg/mL | +/- | 86.8809 |
| 72 | 1,2,3-Trichlorobenzene | 87-61-6 | MKBX7627V | 99% | 2,514.1 | µg/mL | +/- | 86.8765 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

08/18/2025
Page 149 of 1362

# Reagent

# OP_MEGA_2017_00016

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571995.SEC **Lot No.:** A02010619

**Description :** 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** November 30, 2025 **Storage:** 0°C or colder

**Handling:** Carcinogen/reproductive toxin. Photosensitive. Sonicate.

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 1,4-Dioxane<br>**CAS #** 123-91-1.SEC (Lot MUFZH)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | N-Nitrosodimethylamine<br>**CAS #** 62-75-9.SEC (Lot 61H72)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | Pyridine<br>**CAS #** 110-86-1.SEC (Lot QN8DK)<br>**Purity** 99% | 2,000.0 µg/mL | +/- 11.6282 µg/mL<br>+/- 23.9081 µg/mL<br>+/- 38.0494 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 4 | Phenol<br>**CAS #** 108-95-2.SEC (Lot EDPYN)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 5 | Aniline<br>**CAS #** 62-53-3.SEC (Lot ZCD3N)<br>**Purity** 99% | 1,000.4 µg/mL | +/- 5.8299 µg/mL<br>+/- 11.9654 µg/mL<br>+/- 19.0364 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 6 | Bis(2-chloroethyl)ether<br>**CAS #** 111-44-4.SEC (Lot FA010143)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 7 | n-Decane (C10)<br>**CAS #** 124-18-5.SEC (Lot UCVNN)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8 | 2-Chlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-57-8.SEC | (Lot GJ01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 9 | 1,3-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 541-73-1.SEC | (Lot FMDFD) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 10 | 1,4-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 106-46-7.SEC | (Lot 4Y5DC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 11 | Benzyl alcohol | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 100-51-6.SEC | (Lot QZBUO) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 12 | 1,2-Dichlorobenzene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 95-50-1.SEC | (Lot R6QDM) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 13 | 2-Methylphenol (o-cresol) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-48-7.SEC | (Lot NC7HL) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 14 | 2,2'-oxybis(1-chloropropane) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 108-60-1.SEC | (Lot 2-KMW-57-8) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 15 | Acetophenone | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 98-86-2.SEC | (Lot NSGTI) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 16 | 3-Methylphenol (m-cresol) | | 500.0 | µg/mL | +/- | 2.9138 | µg/mL | Gravimetric |
| | **CAS #** 108-39-4.SEC | (Lot 6LHTM) | | | +/- | 5.9803 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5144 | µg/mL | Stressed |
| 17 | 4-Methylphenol (p-cresol) | | 501.0 | µg/mL | +/- | 2.9196 | µg/mL | Gravimetric |
| | **CAS #** 106-44-5.SEC | (Lot 65S2E) | | | +/- | 5.9923 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5334 | µg/mL | Stressed |
| 18 | N-Nitroso-di-n-propylamine | | 1,001.4 | µg/mL | +/- | 5.8357 | µg/mL | Gravimetric |
| | **CAS #** 621-64-7.SEC | (Lot 4423200) | | | +/- | 11.9773 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0555 | µg/mL | Stressed |
| 19 | Hexachloroethane | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 67-72-1.SEC | (Lot 10173016) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 20 | Nitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 98-95-3.SEC | (Lot FLYIG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 21 | Isophorone | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 78-59-1.SEC | (Lot XHGJI) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 22 | 2-Nitrophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-75-5.SEC | (Lot GXJ7J) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 23 | 2,4-Dimethylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 105-67-9.SEC | (Lot MKBL3650V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24 | Bis(2-chloroethoxy)methane | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 111-91-1 * | (Lot 5670100) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 25 | 2,4-Dichlorophenol | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 120-83-2.SEC | (Lot FHM01) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 26 | 1,2,4-Trichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-82-1.SEC | (Lot OGO01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 27 | Naphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-20-3.SEC | (Lot SKZ5N) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 28 | 2,6-Dichlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 87-65-0.SEC | (Lot SIDBB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 29 | 4-Chloroaniline | | 1,000.2 | µg/mL | +/- | 5.8287 | µg/mL | Gravimetric |
| | **CAS #** 106-47-8.SEC | (Lot 10171860) | | | +/- | 11.9630 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0326 | µg/mL | Stressed |
| 30 | Hexachlorobutadiene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 87-68-3.SEC | (Lot 1068200) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 31 | 4-Chloro-3-methylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 59-50-7.SEC | (Lot FDO02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 32 | 2-Methylnaphthalene | | 1,000.8 | µg/mL | +/- | 5.8320 | µg/mL | Gravimetric |
| | **CAS #** 91-57-6.SEC | (Lot 76023-1) | | | +/- | 11.9699 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0436 | µg/mL | Stressed |
| 33 | 1-Methylnaphthalene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 90-12-0.SEC | (Lot UATSA) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 34 | 1,2,4,5-Tetrachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-94-3.SEC | (Lot AF02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 35 | Hexachlorocyclopentadiene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 77-47-4.SEC | (Lot 5608400) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 36 | 2,4,6-Trichlorophenol | | 1,000.6 | µg/mL | +/- | 5.8309 | µg/mL | Gravimetric |
| | **CAS #** 88-06-2.SEC | (Lot UUMYM) | | | +/- | 11.9675 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0399 | µg/mL | Stressed |
| 37 | 2,4,5-Trichlorophenol | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 95-95-4.SEC | (Lot MKBQ9937V) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 38 | 2-Chloronaphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-58-7.SEC | (Lot LC07783V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 39 | Biphenyl | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 92-52-4.SEC | (Lot 33OQE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40 | 2-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-74-4.SEC | (Lot T6E7B) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 41 | Acenaphthylene | | 999.9 | µg/mL | +/- | 5.8271 | µg/mL | Gravimetric |
| | **CAS #** 208-96-8.SEC | (Lot 0012014) | | | +/- | 11.9598 | µg/mL | Unstressed |
| | **Purity** 96% | | | | +/- | 19.0276 | µg/mL | Stressed |
| 42 | 1,3-Dinitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-65-0.SEC | (Lot 3XXLB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 43 | Dimethylphthalate | | 1,002.0 | µg/mL | +/- | 5.8392 | µg/mL | Gravimetric |
| | **CAS #** 131-11-3.SEC | (Lot 483WC) | | | +/- | 11.9845 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0669 | µg/mL | Stressed |
| 44 | 2,6-Dinitrotoluene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 606-20-2.SEC | (Lot GE01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 45 | 3-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-09-2.SEC | (Lot FGN03) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 46 | Acenaphthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 83-32-9.SEC | (Lot BWZJE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 47 | 2,4-Dinitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 51-28-5.SEC | (Lot YTR6B) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 48 | Dibenzofuran | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 132-64-9.SEC | (Lot 27ZGC) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 49 | 4-Nitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 100-02-7.SEC | (Lot 2J5LB) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 50 | 2,4-Dinitrotoluene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 121-14-2.SEC | (Lot SHRSA) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 51 | 2,3,4,6-Tetrachlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 58-90-2.SEC | (Lot LC19623V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 52 | Fluorene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 86-73-7.SEC | (Lot 5027400) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 53 | n-Hexadecane (C16) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 544-76-3.SEC | (Lot A0328141) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 54 | Diethylphthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 84-66-2.SEC | (Lot UMBJC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 55 | 4-Chlorophenyl phenyl ether | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 7005-72-3.SEC | (Lot P31G) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 56 | 4-Nitroaniline | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 100-01-6.SEC | (Lot 5ITRC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 57 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 534-52-1.SEC | (Lot 6333400) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 58 | Diphenylamine | | 850.0 | µg/mL | +/- | 4.9534 | µg/mL | Gravimetric |
| | **CAS #** 122-39-4.SEC | (Lot 10164691) | | | +/- | 10.1665 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 16.1745 | µg/mL | Stressed |
| 59 | Azobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 103-33-3.SEC | (Lot JUWAG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 60 | 4-Bromophenyl phenyl ether | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 101-55-3.SEC | (Lot 84C6D) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 61 | Hexachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 118-74-1.SEC | (Lot G120431) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 62 | Pentachlorophenol | | 2,000.4 | µg/mL | +/- | 11.6305 | µg/mL | Gravimetric |
| | **CAS #** 87-86-5.SEC | (Lot 5784900) | | | +/- | 23.9129 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0570 | µg/mL | Stressed |
| 63 | n-Octadecane (C18) | | 1,001.0 | µg/mL | +/- | 5.8333 | µg/mL | Gravimetric |
| | **CAS #** 593-45-3.SEC | (Lot G14U045) | | | +/- | 11.9726 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0478 | µg/mL | Stressed |
| 64 | Phenanthrene | | 1,002.0 | µg/mL | +/- | 5.8389 | µg/mL | Gravimetric |
| | **CAS #** 85-01-8.SEC | (Lot 4708400) | | | +/- | 11.9839 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0660 | µg/mL | Stressed |
| 65 | Anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-12-7.SEC | (Lot WDFNJ) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 66 | Carbazole | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 86-74-8.SEC | (Lot LMIZB) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 67 | Di-n-butylphthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 84-74-2.SEC | (Lot 42FSG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 68 | Fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 206-44-0.SEC | (Lot FREGF) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 69 | Pyrene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 129-00-0.SEC | (Lot ROVJC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 70 | Benzyl butyl phthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 85-68-7.SEC | (Lot GX3GL) | | | +/- | 11.9605 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0287 | µg/mL | Stressed |
| 71 | Benz(a)anthracene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 56-55-3.SEC | (Lot MTENF) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72 | chrysene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 218-01-9.SEC | (Lot NICZC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 73 | Bis(2-ethylhexyl)phthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 117-81-7.SEC | (Lot MT8AG) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 74 | Di-n-octyl phthalate | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 117-84-0.SEC | (Lot O8DLD) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 75 | Benzo(b)fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 205-99-2.SEC | (Lot 022011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 76 | Benzo(k)fluoranthene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 207-08-9.SEC | (Lot ER041513-01) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 77 | Benzo(a)pyrene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 50-32-8.SEC | (Lot M8DFD) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 78 | Indeno(1,2,3-cd)pyrene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 193-39-5.SEC | (Lot 0012014) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 79 | Dibenz(a,h)anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 53-70-3.SEC | (Lot 0012011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 80 | Benzo(g,h,i)perylene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 191-24-2.SEC | (Lot 0022012) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

**Specific Reference Material Notes:**

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

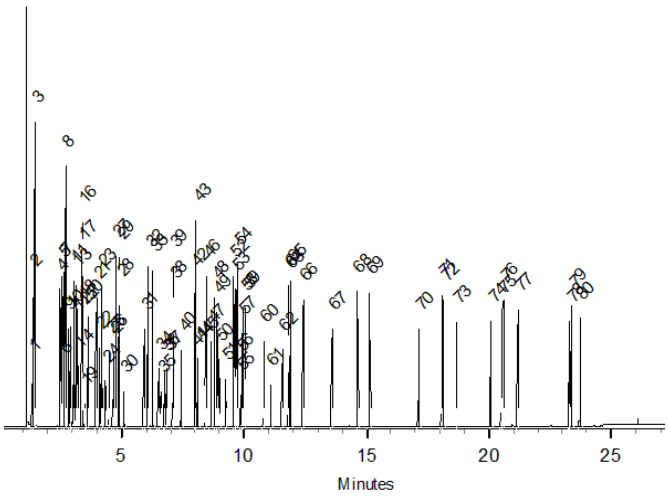
**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

**Date Mixed:** 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 13-Oct-2017

**Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# OP_std #1_BNA_00015

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569730.SEC **Lot No.:** A020147867

**Description :** 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** September 30, 2025 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin.

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Benzidine | 2,013.5 µg/mL | +/- 11.8163 | µg/mL | Gravimetric |
| | **CAS #** 92-87-5.SEC (Lot 8616600) | | +/- 24.1230 | µg/mL | Unstressed |
| | **Purity** 99% | | +/- 38.3399 | µg/mL | Stressed |
| 2 | 3,3'-Dichlorobenzidine | 2,000.0 µg/mL | +/- 11.7371 | µg/mL | Gravimetric |
| | **CAS #** 91-94-1.SEC (Lot 8490800) | | +/- 23.9613 | µg/mL | Unstressed |
| | **Purity** 99% | | +/- 38.0829 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

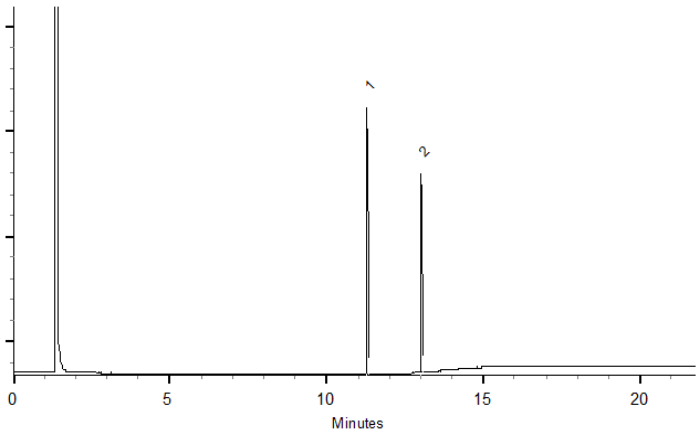
**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

**Date Mixed:** 26-Mar-2020 **Balance:** 1122030677

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 30-Mar-2020

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# POLAR ADD_00032

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

MS 5/13/25

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2616 #12577046

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/18/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571993 **Lot No.:** A0222453

**Description :** 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** February 28, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetonitrile | 75-05-8 | SHBR1054 | 99% | 25,084.7 µg/mL | +/- 410.1824 |
| 2 | Diisopropyl ether ( DIPE ) | 108-20-3 | STBK8028 | 99% | 2,510.0 µg/mL | +/- 41.0553 |
| 3 | Ethyl-tert-butyl ether (ETBE) | 637-92-3 | MKCW6467 | 99% | 2,510.7 µg/mL | +/- 41.0662 |
| 4 | Propionitrile | 107-12-0 | BCCL0691 | 99% | 25,085.3 µg/mL | +/- 410.1933 |
| 5 | tert-Amyl alcohol | 75-85-4 | STBK3485 | 99% | 25,062.0 µg/mL | +/- 409.8118 |
| 6 | tert-Amyl methyl ether (TAME) | 994-05-8 | HMBJ0825 | 99% | 2,500.7 µg/mL | +/- 40.9027 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 1041 of 1362

Reagent

# SM-BenzAcid_00021

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569731 **Lot No.:** A0222783

**Description :** 8270 List 1 / Std #10

8270 List 1 / Std #10 2,000 µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** August 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Indene | 95-13-6 | RD230927 | 99% | 2,000.8 µg/mL | +/- 112.3981 |
| 2 | Benzoic acid | 65-85-0 | MKCR2694 | 99% | 2,002.8 µg/mL | +/- 112.5105 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

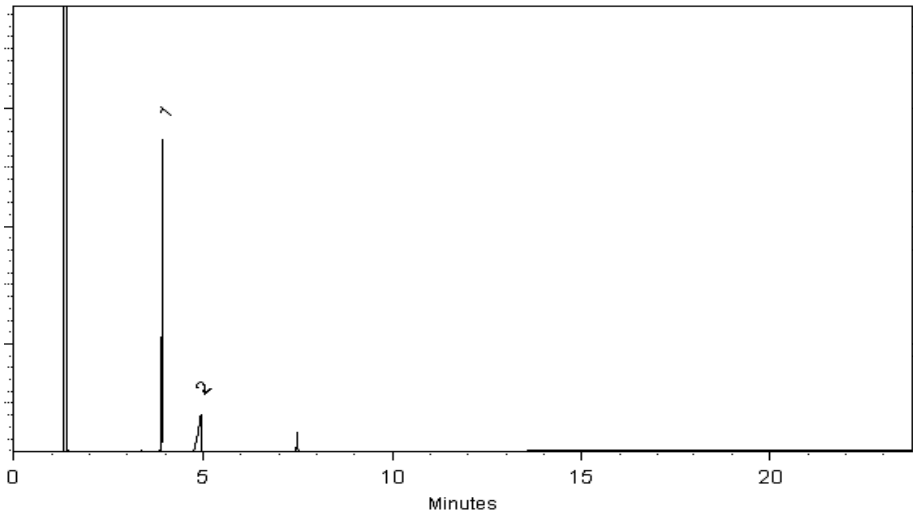
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
10 ml/min.

**Inj. Vol**
0.2µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

**Date Mixed:** 27-Feb-2025 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 03-Mar-2025

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# SM_8270_surr_00015

Agilent
Trusted Answers

**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

| | | | |
|---|---|---|---|
| **Product Name:** | 8270 Surrogate Std - 6 at 5000ug/mL (5mL) | **Lot Number:** | 0006823184 |
| **Product Number:** | CUS-00004795 | **Lot Issue Date:** | 15-Nov-2024 |
| **Storage Conditions:** | Store Refrigerated (2° to 8°C). | **Expiration Date:** | 31-Dec-2026 |

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| 2-fluorophenol | 5015 | ± | 25 µg/mL | 000367-12-4 | RM18822 |
| phenol-d5 | 5019 | ± | 25 µg/mL | 004165-62-2 | RM21937 |
| nitrobenzene-d5 | 5010 | ± | 25 µg/mL | 004165-60-0 | RM19321 |
| 2-fluorobiphenyl | 5017 | ± | 25 µg/mL | 000321-60-8 | RM20736 |
| 2,4,6-tribromophenol | 5010 | ± | 25 µg/mL | 000118-79-6 | RM10846 |
| p-terphenyl-d14 | 5019 | ± | 25 µg/mL | 001718-51-0 | RM15588 |

**Matrix:** methylene chloride (Burdick and Jackson)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**

Agilent
Trusted Answers

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois
QMS Representative

# Reagent

# SM_8270cusmix_00006

Agilent
Trusted Answers

**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

**Product Name:** 8270 Custom Mix - 10 at 2000ug/mL (5mL)
**Lot Number:** 0007762104
**Product Number:** CUS-00003500
**Lot Issue Date:** 14-Oct-2024
**Storage Conditions:** Store Refrigerated (2° to 8°C).
**Expiration Date:** 10-Oct-2027

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| 1,3-dimethylnaphthalene | 2007 | ± | 10 µg/mL | 000575-41-7 | NT00962 |
| BHT (2,6-di-tert-butyl-4-methylphenol) | 2009 | ± | 10 µg/mL | 000128-37-0 | NT02073 |
| 2-tert-butyl-p-cresol | 2009 | ± | 10 µg/mL | 002409-55-4 | RM15026-01 |
| benzonitrile | 2009 | ± | 10 µg/mL | 000100-47-0 | RM15318 |
| carbamazepin | 2010 | ± | 10 µg/mL | 000298-46-4 | RM05185 |
| coumarin | 2010 | ± | 10 µg/mL | 000091-64-5 | RM01892 |
| N-methylaniline | 2009 | ± | 10 µg/mL | 000100-61-8 | RM15275 |
| pentachloronitrobenzene | 2009 | ± | 10 µg/mL | 000082-68-8 | RM12207 |
| diphenyl ether | 2009 | ± | 10 µg/mL | 000101-84-8 | RM15316 |
| N,N-dimethylaniline | 2009 | ± | 10 µg/mL | 000121-69-7 | RM15319 |

**Matrix:** methanol (methyl alcohol)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**



Monica Bourgeois
QMS Representative

# Reagent

# SM_BPA_00021

Agilent
Trusted Answers

**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

**Product Name:** Bisphenol A Std - 1000ug/mL (5mL)
**Product Number:** CUS-00003804
**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Lot Number:** 0007778114
**Lot Issue Date:** 13-Sep-2024
**Expiration Date:** 30-Oct-2027

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| bisphenol A | 1004 | ± | 5 µg/mL | 000080-05-7 | RM14528-01 |

**Matrix:** methylene chloride (dichloromethane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**



Monica Bourgeois
QMS Representative

# Reagent

# SM_ISTD_00197

Agilent
Trusted Answers

ISO 17034

# Reference Material Certificate

## Product Information Sheet

**Product Name:** 8270 Internal Std - 6 at 2000ug/mL (5mL)
**Lot Number:** 0006760251
**Product Number:** CUS-00004805
**Lot Issue Date:** 13-Sep-2023
**Storage Conditions:** Store at Room Temperature (15° to 30°C).
**Expiration Date:** 31-Oct-2026

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| acenaphthene-d10 | 2010 | ± | 10 µg/mL | 015067-26-2 | RM18947 |
| chrysene-d12 | 2008 | ± | 10 µg/mL | 001719-03-5 | RM18746 |
| 1,4-dichlorobenzene-d4 | 2005 | ± | 10 µg/mL | 003855-82-1 | RM19347 |
| naphthalene-d8 | 2009 | ± | 10 µg/mL | 001146-65-2 | RM19349 |
| perylene-d12 | 2008 | ± | 10 µg/mL | 001520-96-3 | RM19985 |
| phenanthrene-d10 | 2005 | ± | 10 µg/mL | 001517-22-2 | RM19350 |

**Matrix:** methylene chloride (dichloromethane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

# Reagent

# SM_std #11BNA_00023

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569732 **Lot No.:** A0217501

**Description :** 8270 List 1 / Std #11

8270 List 1 / Std #11 2,000µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** April 30, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Benzaldehyde | 100-52-7 | RD231129RSRA | 99% | 2,010.8 µg/mL | +/- 59.0568 |
| 2 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 2,016.3 µg/mL | +/- 59.2183 |
| 3 | Atrazine | 1912-24-9 | 5FYWL | 99% | 2,015.3 µg/mL | +/- 59.1901 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

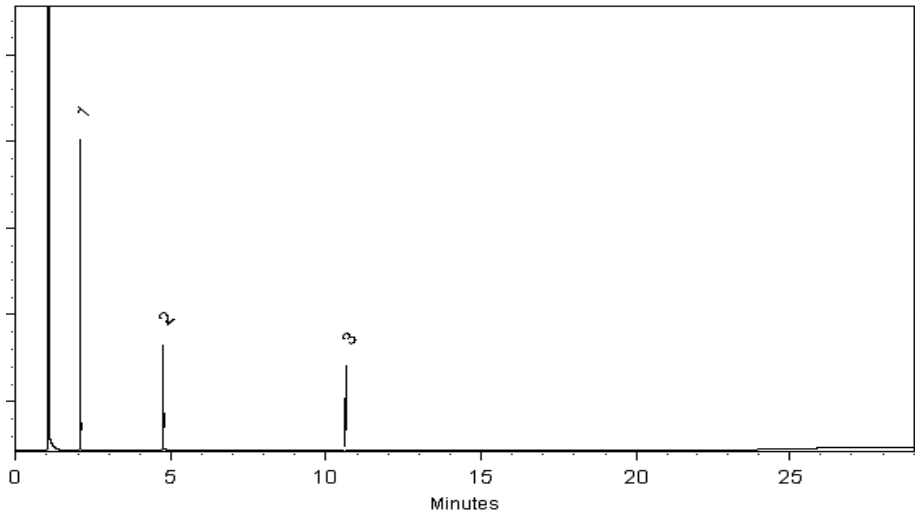
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
0.2µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

**Date Mixed:** 07-Oct-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 08-Oct-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

# SM_std #9BNA_00025

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569730 **Lot No.:** A0222834

**Description :** 8270 List 1 / Std #9

8270 List 1 / Std #9 2,000 µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** November 30, 2026 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Benzidine | 92-87-5 | S240206RSR | 99% | 2,003.9 µg/mL | +/- 37.0230 |
| 2 | 3,3'-Dichlorobenzidine | 91-94-1 | S240326RSR | 99% | 2,019.9 µg/mL | +/- 37.3187 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

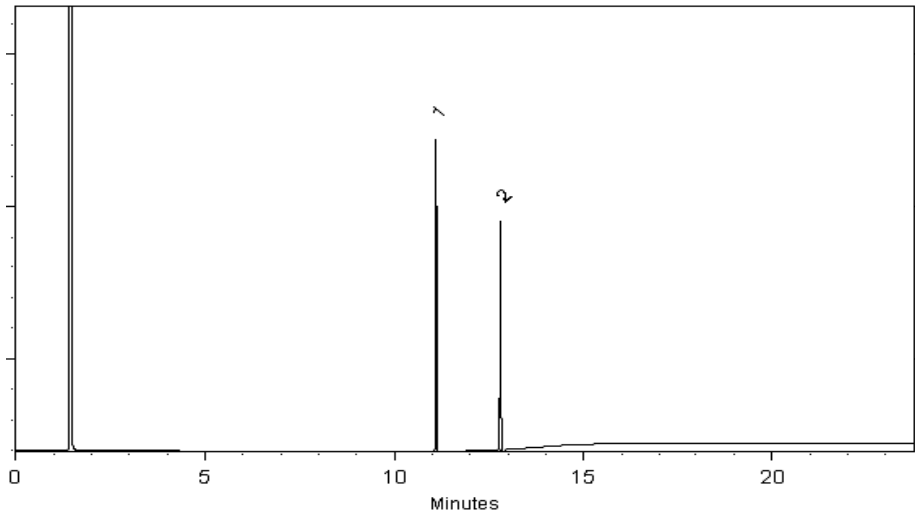
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
10 ml/min.

**Inj. Vol**
0.2µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

**Date Mixed:** 02-May-2024 **Balance Serial #** 1122030677

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 07-May-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  *k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

---

# SM_STD#1mega_00027

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571995 **Lot No.:** A0222830

**Description :** 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000 µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Handling:** Carcinogen/reproductive toxin. Photosensitive. Sonicate. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 123-91-1 | SHBR4317 | 99% | 1,007.2 µg/mL | +/- 18.6087 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S231113RSR | 99% | 1,002.8 µg/mL | +/- 18.5275 |
| 3 | Pyridine | 110-86-1 | SHBR4811 | 99% | 2,017.3 µg/mL | +/- 37.2711 |
| 4 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,007.3 µg/mL | +/- 18.6106 |
| 5 | Aniline | 62-53-3 | X22F726 | 99% | 1,005.4 µg/mL | +/- 18.5755 |
| 6 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.7 µg/mL | +/- 18.5441 |
| 7 | n-Decane (C10) | 124-18-5 | SHBQ1342 | 99% | 1,004.5 µg/mL | +/- 18.5589 |
| 8 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,002.2 µg/mL | +/- 18.5164 |
| 9 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 1,005.5 µg/mL | +/- 18.5773 |
| 10 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,006.7 µg/mL | +/- 18.5995 |
| 11 | Benzyl alcohol | 100-51-6 | SHBK5469 | 99% | 1,006.3 µg/mL | +/- 18.5921 |
| 12 | 1,2-Dichlorobenzene | 95-50-1 | SHBL6287 | 99% | 1,008.4 µg/mL | +/- 18.6309 |
| 13 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,007.1 µg/mL | +/- 18.6069 |
| 14 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,003.0 µg/mL | +/- 18.5312 |
| 15 | Acetophenone | 98-86-2 | STBH8205 | 99% | 1,003.1 µg/mL | +/- 18.5330 |
| 16 | 3-Methylphenol (m-cresol) | 108-39-4 | STBL3873 | 99% | 501.5 µg/mL | +/- 9.2677 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 504.0 | µg/mL | +/- 9.3139 |
| 18 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,001.0 | µg/mL | +/- 18.4942 |
| 19 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,002.5 | µg/mL | +/- 18.5219 |
| 20 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,001.2 | µg/mL | +/- 18.4979 |
| 21 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,004.6 | µg/mL | +/- 18.5607 |
| 22 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,001.7 | µg/mL | +/- 18.5071 |
| 23 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,004.8 | µg/mL | +/- 18.5644 |
| 24 | Bis(2-chloroethoxy)methane | 111-91-1 | 15174900 | 99% | 1,007.1 | µg/mL | +/- 18.6069 |
| 25 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,004.7 | µg/mL | +/- 18.5626 |
| 26 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 1,003.4 | µg/mL | +/- 18.5385 |
| 27 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,008.6 | µg/mL | +/- 18.6346 |
| 28 | 2,6-Dichlorophenol | 87-65-0 | MKCS9444 | 99% | 1,002.7 | µg/mL | +/- 18.5256 |
| 29 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,002.6 | µg/mL | +/- 18.5238 |
| 30 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,001.8 | µg/mL | +/- 18.5082 |
| 31 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,007.2 | µg/mL | +/- 18.6087 |
| 32 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.0 | µg/mL | +/- 18.4757 |
| 33 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 1,000.0 | µg/mL | +/- 18.4756 |
| 34 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,002.5 | µg/mL | +/- 18.5219 |
| 35 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.5 | µg/mL | +/- 18.5027 |
| 36 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,007.8 | µg/mL | +/- 18.6198 |
| 37 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,009.3 | µg/mL | +/- 18.6473 |
| 38 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,004.0 | µg/mL | +/- 18.5496 |
| 39 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,007.2 | µg/mL | +/- 18.6087 |
| 40 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,002.1 | µg/mL | +/- 18.5145 |
| 41 | Acenaphthylene | 208-96-8 | RP241029RSR | 98% | 1,000.0 | µg/mL | +/- 18.4756 |
| 42 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,007.3 | µg/mL | +/- 18.6106 |
| 43 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,001.1 | µg/mL | +/- 18.4960 |
| 44 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,003.3 | µg/mL | +/- 18.5367 |
| 45 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,002.8 | µg/mL | +/- 18.5275 |
| 46 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 18.4757 |
| 47 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | 99% | 2,000.8 | µg/mL | +/- 36.9662 |
| 48 | Dibenzofuran | 132-64-9 | MKCN1772 | 99% | 1,005.4 | µg/mL | +/- 18.5755 |
| 49 | 4-Nitrophenol | 100-02-7 | 20241120-1-AN | 99% | 2,009.5 | µg/mL | +/- 37.1270 |
| 50 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,001.9 | µg/mL | +/- 18.5108 |
| 51 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,005.7 | µg/mL | +/- 18.5810 |
| 52 | Fluorene | 86-73-7 | 10246250 | 98% | 1,006.9 | µg/mL | +/- 18.6023 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 53 | n-Hexadecane (C16) | 544-76-3 | SHBR0669 | 99% | 1,003.0 | µg/mL | +/- 18.5312 |
| 54 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,007.4 | µg/mL | +/- 18.6124 |
| 55 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,007.2 | µg/mL | +/- 18.6087 |
| 56 | 4-Nitroaniline | 100-01-6 | RP240830RSR | 99% | 1,006.2 | µg/mL | +/- 18.5903 |
| 57 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S241008RSR | 99% | 2,017.3 | µg/mL | +/- 37.2711 |
| 58 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 853.6 | µg/mL | +/- 15.7745 |
| 59 | Azobenzene | 103-33-3 | BCCK0887 | 99% | 1,002.3 | µg/mL | +/- 18.5182 |
| 60 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,001.3 | µg/mL | +/- 18.4997 |
| 61 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,002.2 | µg/mL | +/- 18.5164 |
| 62 | Pentachlorophenol | 87-86-5 | RP240517RSR | 99% | 2,005.4 | µg/mL | +/- 37.0512 |
| 63 | n-Octadecane (C18) | 593-45-3 | UE5NG | 99% | 1,002.5 | µg/mL | +/- 18.5219 |
| 64 | Phenanthrene | 85-01-8 | MKCT3391 | 99% | 1,002.7 | µg/mL | +/- 18.5256 |
| 65 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,008.5 | µg/mL | +/- 18.6328 |
| 66 | Carbazole | 86-74-8 | 14872900 | 99% | 1,006.3 | µg/mL | +/- 18.5921 |
| 67 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,003.5 | µg/mL | +/- 18.5404 |
| 68 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,003.6 | µg/mL | +/- 18.5422 |
| 69 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,003.7 | µg/mL | +/- 18.5441 |
| 70 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,005.6 | µg/mL | +/- 18.5792 |
| 71 | Benz(a)anthracene | 56-55-3 | I70012022BAA | 99% | 1,005.8 | µg/mL | +/- 18.5829 |
| 72 | Chrysene | 218-01-9 | RP241007RSR | 99% | 1,002.8 | µg/mL | +/- 18.5275 |
| 73 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,001.8 | µg/mL | +/- 18.5090 |
| 74 | Di-n-octyl phthalate | 117-84-0 | 15566400 | 99% | 1,004.8 | µg/mL | +/- 18.5644 |
| 75 | Benzo(b)fluoranthene | 205-99-2 | 052013B | 99% | 1,001.3 | µg/mL | +/- 18.4997 |
| 76 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 98% | 1,001.0 | µg/mL | +/- 18.4937 |
| 77 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,008.4 | µg/mL | +/- 18.6313 |
| 78 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,005.8 | µg/mL | +/- 18.5828 |
| 79 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,004.0 | µg/mL | +/- 18.5496 |
| 80 | Benzo(g,h,i)perylene | 191-24-2 | RP241014RSR | 98% | 1,005.9 | µg/mL | +/- 18.5842 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Specific Reference Material Notes:**

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.
This lot was approved even though the %D for 4,6-DN-2-MP was greater than 10%.

**Tech Tips:**

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

## Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

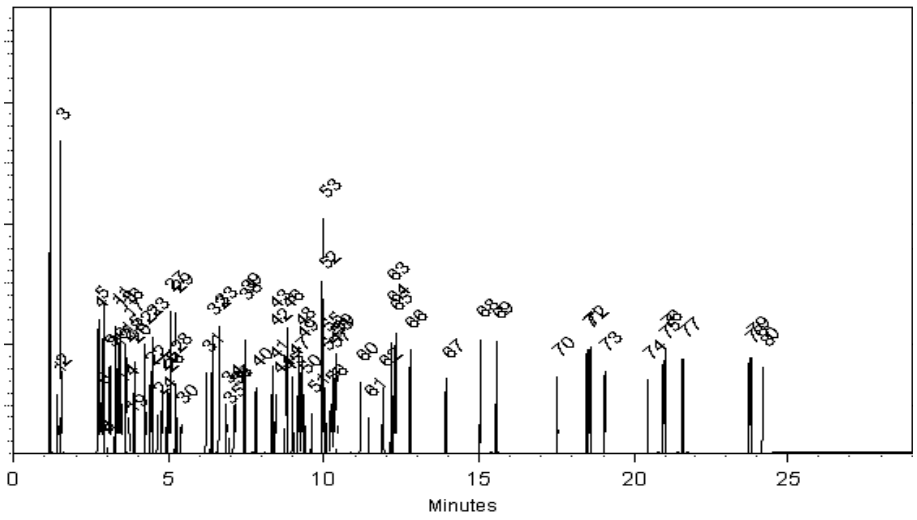
**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID

**Split Vent:**
100 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

**Date Mixed:** 26-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

**Date Passed:** 17-Dec-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# SM_STD1meg2nd_00007

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

## Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571995.SEC **Lot No.:** A02010619

**Description :** 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** November 30, 2025 **Storage:** 0°C or colder

**Handling:** Carcinogen/reproductive toxin. Photosensitive. Sonicate.

**C E R T I F I E D V A L U E S**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 1,4-Dioxane<br>**CAS #** 123-91-1.SEC (Lot MUFZH)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | N-Nitrosodimethylamine<br>**CAS #** 62-75-9.SEC (Lot 61H72)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | Pyridine<br>**CAS #** 110-86-1.SEC (Lot QN8DK)<br>**Purity** 99% | 2,000.0 µg/mL | +/- 11.6282 µg/mL<br>+/- 23.9081 µg/mL<br>+/- 38.0494 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 4 | Phenol<br>**CAS #** 108-95-2.SEC (Lot EDPYN)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 5 | Aniline<br>**CAS #** 62-53-3.SEC (Lot ZCD3N)<br>**Purity** 99% | 1,000.4 µg/mL | +/- 5.8299 µg/mL<br>+/- 11.9654 µg/mL<br>+/- 19.0364 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 6 | Bis(2-chloroethyl)ether<br>**CAS #** 111-44-4.SEC (Lot FA010143)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 7 | n-Decane (C10)<br>**CAS #** 124-18-5.SEC (Lot UCVNN)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8 | 2-Chlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-57-8.SEC | (Lot GJ01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 9 | 1,3-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 541-73-1.SEC | (Lot FMDFD) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 10 | 1,4-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 106-46-7.SEC | (Lot 4Y5DC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 11 | Benzyl alcohol | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 100-51-6.SEC | (Lot QZBUO) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 12 | 1,2-Dichlorobenzene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 95-50-1.SEC | (Lot R6QDM) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 13 | 2-Methylphenol (o-cresol) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-48-7.SEC | (Lot NC7HL) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 14 | 2,2'-oxybis(1-chloropropane) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 108-60-1.SEC | (Lot 2-KMW-57-8) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 15 | Acetophenone | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 98-86-2.SEC | (Lot NSGTI) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 16 | 3-Methylphenol (m-cresol) | | 500.0 | µg/mL | +/- | 2.9138 | µg/mL | Gravimetric |
| | **CAS #** 108-39-4.SEC | (Lot 6LHTM) | | | +/- | 5.9803 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5144 | µg/mL | Stressed |
| 17 | 4-Methylphenol (p-cresol) | | 501.0 | µg/mL | +/- | 2.9196 | µg/mL | Gravimetric |
| | **CAS #** 106-44-5.SEC | (Lot 65S2E) | | | +/- | 5.9923 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5334 | µg/mL | Stressed |
| 18 | N-Nitroso-di-n-propylamine | | 1,001.4 | µg/mL | +/- | 5.8357 | µg/mL | Gravimetric |
| | **CAS #** 621-64-7.SEC | (Lot 4423200) | | | +/- | 11.9773 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0555 | µg/mL | Stressed |
| 19 | Hexachloroethane | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 67-72-1.SEC | (Lot 10173016) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 20 | Nitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 98-95-3.SEC | (Lot FLYIG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 21 | Isophorone | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 78-59-1.SEC | (Lot XHGJI) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 22 | 2-Nitrophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-75-5.SEC | (Lot GXJ7J) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 23 | 2,4-Dimethylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 105-67-9.SEC | (Lot MKBL3650V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24 | Bis(2-chloroethoxy)methane | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 111-91-1 * | (Lot 5670100) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 25 | 2,4-Dichlorophenol | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 120-83-2.SEC | (Lot FHM01) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 26 | 1,2,4-Trichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-82-1.SEC | (Lot OGO01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 27 | Naphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-20-3.SEC | (Lot SKZ5N) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 28 | 2,6-Dichlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 87-65-0.SEC | (Lot SIDBB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 29 | 4-Chloroaniline | | 1,000.2 | µg/mL | +/- | 5.8287 | µg/mL | Gravimetric |
| | **CAS #** 106-47-8.SEC | (Lot 10171860) | | | +/- | 11.9630 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0326 | µg/mL | Stressed |
| 30 | Hexachlorobutadiene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 87-68-3.SEC | (Lot 1068200) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 31 | 4-Chloro-3-methylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 59-50-7.SEC | (Lot FDO02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 32 | 2-Methylnaphthalene | | 1,000.8 | µg/mL | +/- | 5.8320 | µg/mL | Gravimetric |
| | **CAS #** 91-57-6.SEC | (Lot 76023-1) | | | +/- | 11.9699 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0436 | µg/mL | Stressed |
| 33 | 1-Methylnaphthalene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 90-12-0.SEC | (Lot UATSA) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 34 | 1,2,4,5-Tetrachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-94-3.SEC | (Lot AF02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 35 | Hexachlorocyclopentadiene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 77-47-4.SEC | (Lot 5608400) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 36 | 2,4,6-Trichlorophenol | | 1,000.6 | µg/mL | +/- | 5.8309 | µg/mL | Gravimetric |
| | **CAS #** 88-06-2.SEC | (Lot UUMYM) | | | +/- | 11.9675 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0399 | µg/mL | Stressed |
| 37 | 2,4,5-Trichlorophenol | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 95-95-4.SEC | (Lot MKBQ9937V) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 38 | 2-Chloronaphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-58-7.SEC | (Lot LC07783V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 39 | Biphenyl | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 92-52-4.SEC | (Lot 33OQE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40 | 2-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-74-4.SEC | (Lot T6E7B) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 41 | Acenaphthylene | | 999.9 | µg/mL | +/- | 5.8271 | µg/mL | Gravimetric |
| | **CAS #** 208-96-8.SEC | (Lot 0012014) | | | +/- | 11.9598 | µg/mL | Unstressed |
| | **Purity** 96% | | | | +/- | 19.0276 | µg/mL | Stressed |
| 42 | 1,3-Dinitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-65-0.SEC | (Lot 3XXLB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 43 | Dimethylphthalate | | 1,002.0 | µg/mL | +/- | 5.8392 | µg/mL | Gravimetric |
| | **CAS #** 131-11-3.SEC | (Lot 483WC) | | | +/- | 11.9845 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0669 | µg/mL | Stressed |
| 44 | 2,6-Dinitrotoluene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 606-20-2.SEC | (Lot GE01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 45 | 3-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-09-2.SEC | (Lot FGN03) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 46 | Acenaphthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 83-32-9.SEC | (Lot BWZJE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 47 | 2,4-Dinitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 51-28-5.SEC | (Lot YTR6B) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 48 | Dibenzofuran | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 132-64-9.SEC | (Lot 27ZGC) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 49 | 4-Nitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 100-02-7.SEC | (Lot 2J5LB) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 50 | 2,4-Dinitrotoluene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 121-14-2.SEC | (Lot SHRSA) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 51 | 2,3,4,6-Tetrachlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 58-90-2.SEC | (Lot LC19623V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 52 | Fluorene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 86-73-7.SEC | (Lot 5027400) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 53 | n-Hexadecane (C16) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 544-76-3.SEC | (Lot A0328141) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 54 | Diethylphthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 84-66-2.SEC | (Lot UMBJC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 55 | 4-Chlorophenyl phenyl ether | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 7005-72-3.SEC | (Lot P31G) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 56 | 4-Nitroaniline | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 100-01-6.SEC | (Lot 5ITRC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 57 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 534-52-1.SEC | (Lot 6333400) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 58 | Diphenylamine | | 850.0 | µg/mL | +/- | 4.9534 | µg/mL | Gravimetric |
| | **CAS #** 122-39-4.SEC | (Lot 10164691) | | | +/- | 10.1665 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 16.1745 | µg/mL | Stressed |
| 59 | Azobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 103-33-3.SEC | (Lot JUWAG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 60 | 4-Bromophenyl phenyl ether | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 101-55-3.SEC | (Lot 84C6D) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 61 | Hexachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 118-74-1.SEC | (Lot G120431) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 62 | Pentachlorophenol | | 2,000.4 | µg/mL | +/- | 11.6305 | µg/mL | Gravimetric |
| | **CAS #** 87-86-5.SEC | (Lot 5784900) | | | +/- | 23.9129 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0570 | µg/mL | Stressed |
| 63 | n-Octadecane (C18) | | 1,001.0 | µg/mL | +/- | 5.8333 | µg/mL | Gravimetric |
| | **CAS #** 593-45-3.SEC | (Lot G14U045) | | | +/- | 11.9726 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0478 | µg/mL | Stressed |
| 64 | Phenanthrene | | 1,002.0 | µg/mL | +/- | 5.8389 | µg/mL | Gravimetric |
| | **CAS #** 85-01-8.SEC | (Lot 4708400) | | | +/- | 11.9839 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0660 | µg/mL | Stressed |
| 65 | Anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-12-7.SEC | (Lot WDFNJ) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 66 | Carbazole | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 86-74-8.SEC | (Lot LMIZB) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 67 | Di-n-butylphthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 84-74-2.SEC | (Lot 42FSG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 68 | Fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 206-44-0.SEC | (Lot FREGF) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 69 | Pyrene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 129-00-0.SEC | (Lot ROVJC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 70 | Benzyl butyl phthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 85-68-7.SEC | (Lot GX3GL) | | | +/- | 11.9605 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0287 | µg/mL | Stressed |
| 71 | Benz(a)anthracene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 56-55-3.SEC | (Lot MTENF) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72 | chrysene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 218-01-9.SEC | (Lot NICZC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 73 | Bis(2-ethylhexyl)phthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 117-81-7.SEC | (Lot MT8AG) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 74 | Di-n-octyl phthalate | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 117-84-0.SEC | (Lot O8DLD) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 75 | Benzo(b)fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 205-99-2.SEC | (Lot 022011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 76 | Benzo(k)fluoranthene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 207-08-9.SEC | (Lot ER041513-01) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 77 | Benzo(a)pyrene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 50-32-8.SEC | (Lot M8DFD) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 78 | Indeno(1,2,3-cd)pyrene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 193-39-5.SEC | (Lot 0012014) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 79 | Dibenz(a,h)anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 53-70-3.SEC | (Lot 0012011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 80 | Benzo(g,h,i)perylene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 191-24-2.SEC | (Lot 0022012) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

**Specific Reference Material Notes:**

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

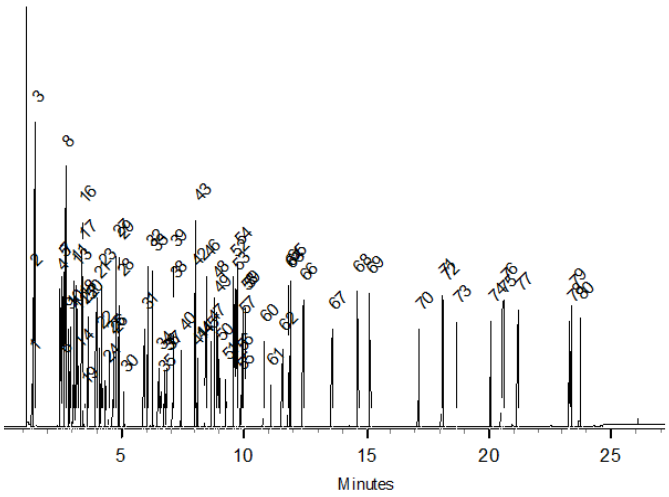
**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

**Date Mixed:** 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 13-Oct-2017

**Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# SMDFTP_CH_00037

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31615 **Lot No.:** A0200028

**Description :** GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pentachlorophenol | 87-86-5 | RP230504 | 99% | 1,001.0 µg/mL | +/- 44.7338 |
| 2 | DFTPP (Decafluorotriphenylphosphine) | 5074-71-5 | Q117-147 | 95% | 1,000.7 µg/mL | +/- 44.7189 |
| 3 | Benzidine | 92-87-5 | S221205RSR | 99% | 1,001.0 µg/mL | +/- 44.7338 |
| 4 | 4,4'-DDT | 50-29-3 | 230410JLMA | 98% | 1,000.9 µg/mL | +/- 44.7296 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

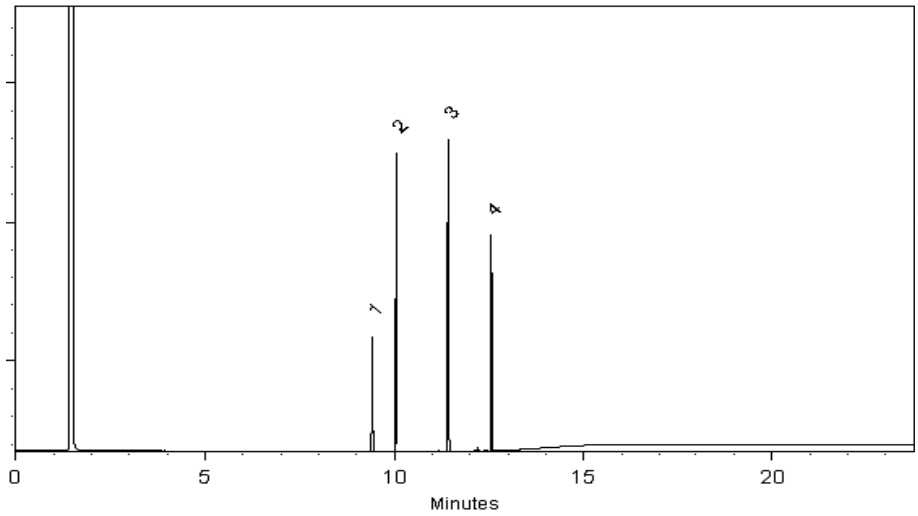
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
10 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey - Operations Technician I

**Date Mixed:** 18-Jul-2023 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 24-Jul-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

# Vinyl Acetate_00106

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/18/2025

# Certificate of Analysis

*chromatographic plus*

MS 2/20/25 R2593 # 12363825

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569724 **Lot No.:** A0222118

**Description :** 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2026 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Vinyl acetate | 108-05-4 | RD240423RSR | 99% | 5,004.5 µg/mL | +/- 172.9671 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

# Vinyl Acetate_00107

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2633

MS 6/19/25 #12688973

08/18/2025

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569724 **Lot No.:** A0222118

**Description :** 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2026 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Vinyl acetate | 108-05-4 | RD240423RSR | 99% | 5,004.5 µg/mL | +/- 172.9671 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

# Reagent

# VMC21SU_00011

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

08/18/2016

## CERTIFIED WEIGHT REPORT

**Part Number:** 19167
**Lot Number:** 030822
**Description:** CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
**Expiration Date:** 030827
**Recommended Storage:** Refrigerate (4 °C)
**Nominal Concentration (µg/mL):** 2500
**NIST Test ID#:** 6UTB

**Solvent(s):** Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

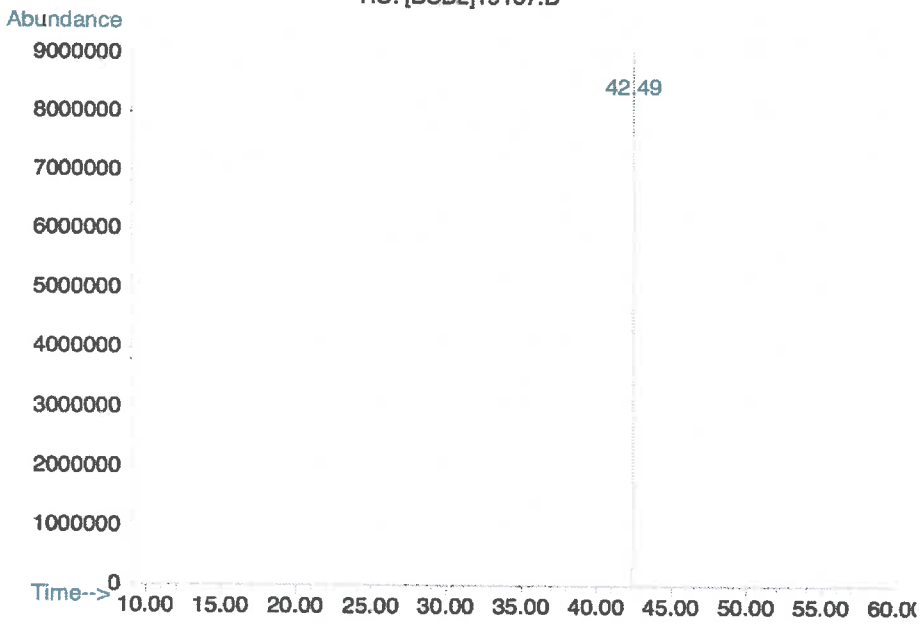
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

| | 030822 |
|---|---|
| Formulated By: Benson Chan | DATE |
| | 030822 |
| Reviewed By: Pedro L. Rentas | DATE |

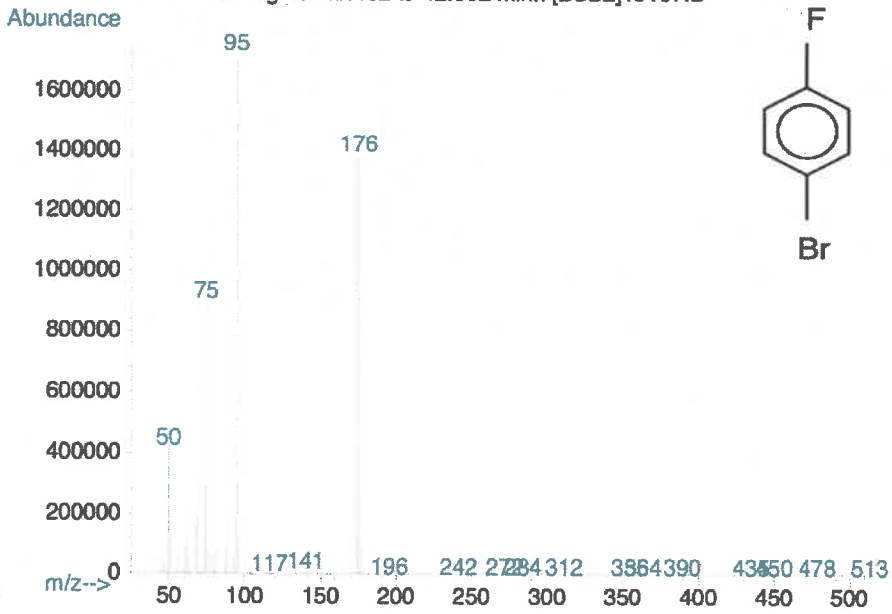
| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. p-Bromofluorobenzene | 48 | 01127COV | 2500 | 99 | 0.2 | 0.25254 | 0.25286 | 2503.2 | 10.2 | 460-00-4 | N/A | orl-rat 2700mg/kg |

**Method GC6MSD-1:** Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D




Average of 42.462 to 42.502 min.: [BSB2]19167.D







- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

# 8260D

## Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Matrix: Water Level: Low

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

| Client Sample ID | Lab Sample ID | DBFM # | DCA # | TOL # | BFB # |
|---|---|---|---|---|---|
| HHMW-14 | 460-332739-1 | 92 | 94 | 75 * | 87 |
| HHMW-19S1 | 460-332739-2 | 101 | 99 | 89 | 107 |
| HHMW-13 | 460-332739-3 | 105 | 103 | 102 | 119 |
| HHMW-16S1 | 460-332739-4 | 94 | 89 | 87 | 95 |
| HHMW-05S2-R | 460-332739-5 | 98 | 95 | 89 | 102 |
| MW-03 | 460-332739-6 | 100 | 98 | 90 | 108 |
| HHMW-18S1 | 460-332739-7 | 110 | 103 | 99 | 118 |
| HHMW-09S1 | 460-332739-8 | 113 | 100 | 98 | 113 |
| FB-20250812 | 460-332739-9 | 97 | 97 | 85 | 97 |
| TB-20250812 | 460-332739-10 | 108 | 94 | 100 | 102 |
| DUP-01 | 460-332739-11 | 109 | 96 | 92 | 114 |
| | MB 460-1055943/10 | 108 | 96 | 90 | 102 |
| | LCS 460-1055943/5 | 91 | 97 | 99 | 108 |
| HHMW-05S2-R MS | 460-332739-5 MS | 99 | 101 | 98 | 101 |
| HHMW-05S2-R MSD | 460-332739-5 MSD | 99 | 96 | 96 | 109 |

| | 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.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J21511.D

Lab ID: LCS 460-1055943/5 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Benzene | 20.0 | 20.3 | 101 | 71-126 | |
| Ethylbenzene | 20.0 | 22.3 | 112 | 78-120 | |
| Methyl tert-butyl ether | 20.0 | 19.1 | 95 | 72-131 | |
| Toluene | 20.0 | 20.5 | 102 | 78-120 | |
| Xylenes, Total | 40.0 | 43.7 | 109 | 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.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J21523.D

Lab ID: 460-332739-5 MS Client ID: HHMW-05S2-R MS

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | MS CONCENTRATION (ug/L) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| Benzene | 20.0 | 0.45 U | 21.1 | 105 | 71-126 | |
| Ethylbenzene | 20.0 | 1.0 U | 22.1 | 111 | 78-120 | |
| Methyl tert-butyl ether | 20.0 | 1.0 U | 23.2 | 116 | 72-131 | |
| Toluene | 20.0 | 1.0 U | 21.4 | 107 | 78-120 | |
| Xylenes, Total | 40.0 | 2.0 U | 42.5 | 106 | 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.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J21524.D

Lab ID: 460-332739-5 MSD Client ID: HHMW-05S2-R MSD

| COMPOUND | SPIKE ADDED (ug/L) | MSD CONCENTRATION (ug/L) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Benzene | 20.0 | 18.3 | 91 | 14 | 30 | 71-126 | |
| Ethylbenzene | 20.0 | 21.7 | 109 | 2 | 30 | 78-120 | |
| Methyl tert-butyl ether | 20.0 | 24.5 | 123 | 5 | 30 | 72-131 | |
| Toluene | 20.0 | 20.3 | 102 | 5 | 30 | 78-120 | |
| Xylenes, Total | 40.0 | 43.6 | 109 | 3 | 30 | 80-120 | |

# 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.: 460-332739-1

SDG No.:

Lab File ID: J21516.D Lab Sample ID: MB 460-1055943/10

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

Instrument ID: CVOAMS8 Date Analyzed: 08/16/2025 11:14

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 460-1055943/5 | J21511.D | 08/16/2025 09:20 |
| HHMW-05S2-R MS | 460-332739-5 MS | J21523.D | 08/16/2025 13:53 |
| HHMW-05S2-R MSD | 460-332739-5 MSD | J21524.D | 08/16/2025 14:16 |
| FB-20250812 | 460-332739-9 | J21527.D | 08/16/2025 15:24 |
| TB-20250812 | 460-332739-10 | J21528.D | 08/16/2025 15:46 |
| HHMW-14 | 460-332739-1 | J21529.D | 08/16/2025 16:09 |
| HHMW-19S1 | 460-332739-2 | J21530.D | 08/16/2025 16:32 |
| HHMW-13 | 460-332739-3 | J21531.D | 08/16/2025 16:55 |
| HHMW-16S1 | 460-332739-4 | J21532.D | 08/16/2025 17:17 |
| HHMW-05S2-R | 460-332739-5 | J21533.D | 08/16/2025 17:40 |
| MW-03 | 460-332739-6 | J21534.D | 08/16/2025 18:03 |
| HHMW-18S1 | 460-332739-7 | J21535.D | 08/16/2025 18:26 |
| HHMW-09S1 | 460-332739-8 | J21536.D | 08/16/2025 18:48 |
| DUP-01 | 460-332739-11 | J21537.D | 08/16/2025 19:11 |

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

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab File ID: J20681.D  BFB Injection Date: 07/26/2025

Instrument ID: CVOAMS8  BFB Injection Time: 14:04

Analysis Batch No.: 1052136

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 100.0 (125.7) 1 |
| 96 | 5 - 9% of m/z 95 | 6.4 |
| 173 | Less than 2% of m/z 174 | 0.4 (0.5) 1 |
| 174 | 50 - 200% of m/z 95 | 79.5 |
| 175 | 5 - 9% of m/z 174 | 5.3 (6.7) 1 |
| 176 | 95 -105% of m/z 174 | 78.5 (98.7) 1 |
| 177 | 5 - 10% of m/z 176 | 5.0 (6.4) 2 |

1-Value is % mass 174  2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | STD9 460-1052136/3 | J20683.D | 07/26/2025 | 14:53 |
| | STD8 460-1052136/4 | J20684.D | 07/26/2025 | 15:16 |
| | STD1 460-1052136/6 | J20686.D | 07/26/2025 | 16:02 |
| | STD5 460-1052136/7 | J20687.D | 07/26/2025 | 16:25 |
| | STD20 460-1052136/8 | J20688.D | 07/26/2025 | 16:47 |
| | STD50 460-1052136/9 | J20689.D | 07/26/2025 | 17:10 |
| | STD200 460-1052136/10 | J20690.D | 07/26/2025 | 17:32 |
| | STD500 460-1052136/11 | J20691.D | 07/26/2025 | 17:56 |
| | ICV 460-1052136/19 | J20699.D | 07/26/2025 | 21:00 |

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

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: STD20 460-1052136/8 Date Analyzed: 07/26/2025 16:47

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J20688.D Heated Purge: (Y/N) N

Calibration ID: 101875

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 185555 | 2.26 | 183181 | 3.13 | 493438 | 4.13 |
| UPPER LIMIT | | 371110 | 2.76 | 366362 | 3.63 | 986876 | 4.63 |
| LOWER LIMIT | | 92778 | 1.76 | 91591 | 2.63 | 246719 | 3.63 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1052136/19 | | 156305 | 2.26 | 141304 | 3.13 | 449853 | 4.13 |

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.: 460-332739-1

SDG No.:

Sample No.: STD20 460-1052136/8  Date Analyzed: 07/26/2025 16:47

Instrument ID: CVOAMS8  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): J20688.D  Heated Purge: (Y/N) N

Calibration ID: 101875

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 19368 | 4.82 | 320273 | 7.76 | 139098 | 10.22 |
| UPPER LIMIT | | 38736 | 5.32 | 640546 | 8.26 | 278196 | 10.72 |
| LOWER LIMIT | | 9684 | 4.32 | 160137 | 7.26 | 69549 | 9.72 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1052136/19 | | 15579 | 4.83 | 279553 | 7.76 | 130823 | 10.22 |

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.: 460-332739-1

SDG No.:

Sample No.: CCVIS 460-1055943/3 Date Analyzed: 08/16/2025 08:30

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J21509.D Heated Purge: (Y/N) N

Calibration ID: 101875

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 188969 | 2.25 | 187325 | 3.12 | 565129 | 4.11 |
| UPPER LIMIT | | 377938 | 2.75 | 374650 | 3.62 | 1130258 | 4.61 |
| LOWER LIMIT | | 94485 | 1.75 | 93663 | 2.62 | 282565 | 3.61 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1055943/5 | | 170920 | 2.25 | 224093 | 3.12 | 754112 | 4.11 |
| MB 460-1055943/10 | | 193061 | 2.25 | 122636 | 3.12 | 451685 | 4.11 |
| 460-332739-5 MS | HHMW-05S2-R MS | 190066 | 2.25 | 194010 | 3.12 | 597164 | 4.11 |
| 460-332739-5 MSD | HHMW-05S2-R MSD | 200400 | 2.25 | 185568 | 3.12 | 544792 | 4.11 |
| 460-332739-9 | FB-20250812 | 171886 | 2.25 | 171310 | 3.12 | 542295 | 4.11 |
| 460-332739-10 | TB-20250812 | 184410 | 2.26 | 141155 | 3.13 | 490866 | 4.11 |
| 460-332739-1 | HHMW-14 | 209083 | 2.25 | 162255 | 3.13 | 544671 | 4.11 |
| 460-332739-2 | HHMW-19S1 | 169268 | 2.25 | 164261 | 3.12 | 547288 | 4.11 |
| 460-332739-3 | HHMW-13 | 188059 | 2.25 | 171294 | 3.13 | 553923 | 4.11 |
| 460-332739-4 | HHMW-16S1 | 158115 | 2.25 | 155655 | 3.13 | 518171 | 4.11 |
| 460-332739-5 | HHMW-05S2-R | 216555 | 2.25 | 141638 | 3.12 | 494673 | 4.12 |
| 460-332739-6 | MW-03 | 168306 | 2.25 | 156265 | 3.12 | 508920 | 4.11 |
| 460-332739-7 | HHMW-18S1 | 166839 | 2.25 | 142001 | 3.12 | 481851 | 4.11 |
| 460-332739-8 | HHMW-09S1 | 168420 | 2.25 | 113599 | 3.13 | 419830 | 4.12 |
| 460-332739-11 | DUP-01 | 153390 | 2.25 | 130298 | 3.13 | 457655 | 4.11 |

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.: 460-332739-1

SDG No.:

Sample No.: CCVIS 460-1055943/3 Date Analyzed: 08/16/2025 08:30

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J21509.D Heated Purge: (Y/N) N

Calibration ID: 101875

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 19426 | 4.81 | 381398 | 7.74 | 182708 | 10.20 |
| UPPER LIMIT | | 38852 | 5.31 | 762796 | 8.24 | 365416 | 10.70 |
| LOWER LIMIT | | 9713 | 4.31 | 190699 | 7.24 | 91354 | 9.70 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1055943/5 | | 22359 | 4.80 | 478900 | 7.75 | 225437 | 10.20 |
| MB 460-1055943/10 | | 16606 | 4.81 | 289963 | 7.74 | 152443 | 10.20 |
| 460-332739-5 MS | HHMW-05S2-R MS | 21104 | 4.81 | 388061 | 7.74 | 185444 | 10.20 |
| 460-332739-5 MSD | HHMW-05S2-R MSD | 19177 | 4.81 | 381728 | 7.75 | 180372 | 10.21 |
| 460-332739-9 | FB-20250812 | 16050 | 4.81 | 370482 | 7.75 | 181700 | 10.20 |
| 460-332739-10 | TB-20250812 | 16361 | 4.82 | 289327 | 7.75 | 149235 | 10.20 |
| 460-332739-1 | HHMW-14 | 17669 | 4.81 | 405343 | 7.75 | 172739 | 10.20 |
| 460-332739-2 | HHMW-19S1 | 19617 | 4.81 | 382094 | 7.75 | 190796 | 10.20 |
| 460-332739-3 | HHMW-13 | 17907 | 4.81 | 345208 | 7.75 | 188593 | 10.20 |
| 460-332739-4 | HHMW-16S1 | 16310 | 4.83 | 330311 | 7.75 | 163014 | 10.20 |
| 460-332739-5 | HHMW-05S2-R | 16111 | 4.82 | 320448 | 7.75 | 163039 | 10.21 |
| 460-332739-6 | MW-03 | 17244 | 4.82 | 334017 | 7.75 | 173099 | 10.20 |
| 460-332739-7 | HHMW-18S1 | 15115 | 4.81 | 307324 | 7.75 | 169108 | 10.21 |
| 460-332739-8 | HHMW-09S1 | 15304 | 4.81 | 245881 | 7.75 | 137217 | 10.20 |
| 460-332739-11 | DUP-01 | 16127 | 4.81 | 285666 | 7.75 | 151311 | 10.21 |

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.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-14 | Lab Sample ID: 460-332739-1

Matrix: Water | Lab File ID: J21529.D

Analysis Method: 8260D | Date Collected: 08/12/2025 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 16:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 94 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 87 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 92 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 75 | * | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21529.D
Lims ID: 460-332739-A-1
Client ID: HHMW-14
Sample Type: Client
Inject. Date: 16-Aug-2025 16:09:30 ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-1
Misc. Info.: 460-0194998-022
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:02:05

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.251 | 2.251 | 0.000 | 74 | 209083 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.127 | 3.121 | 0.006 | 89 | 162255 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.541 | 3.535 | 0.006 | 97 | 142640 | 46.0 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.857 | 3.857 | 0.000 | 0 | 109710 | 47.0 | |
| * 64 Fluorobenzene | 96 | 4.113 | 4.107 | 0.006 | 100 | 544671 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.806 | 4.806 | 0.000 | 0 | 17669 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.792 | 5.786 | 0.006 | 99 | 329276 | 37.6 | |
| * 92 Chlorobenzene-d5 | 117 | 7.745 | 7.744 | 0.001 | 83 | 405343 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.138 | 9.131 | 0.007 | 98 | 97643 | 43.6 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.202 | 10.202 | 0.000 | 94 | 172739 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

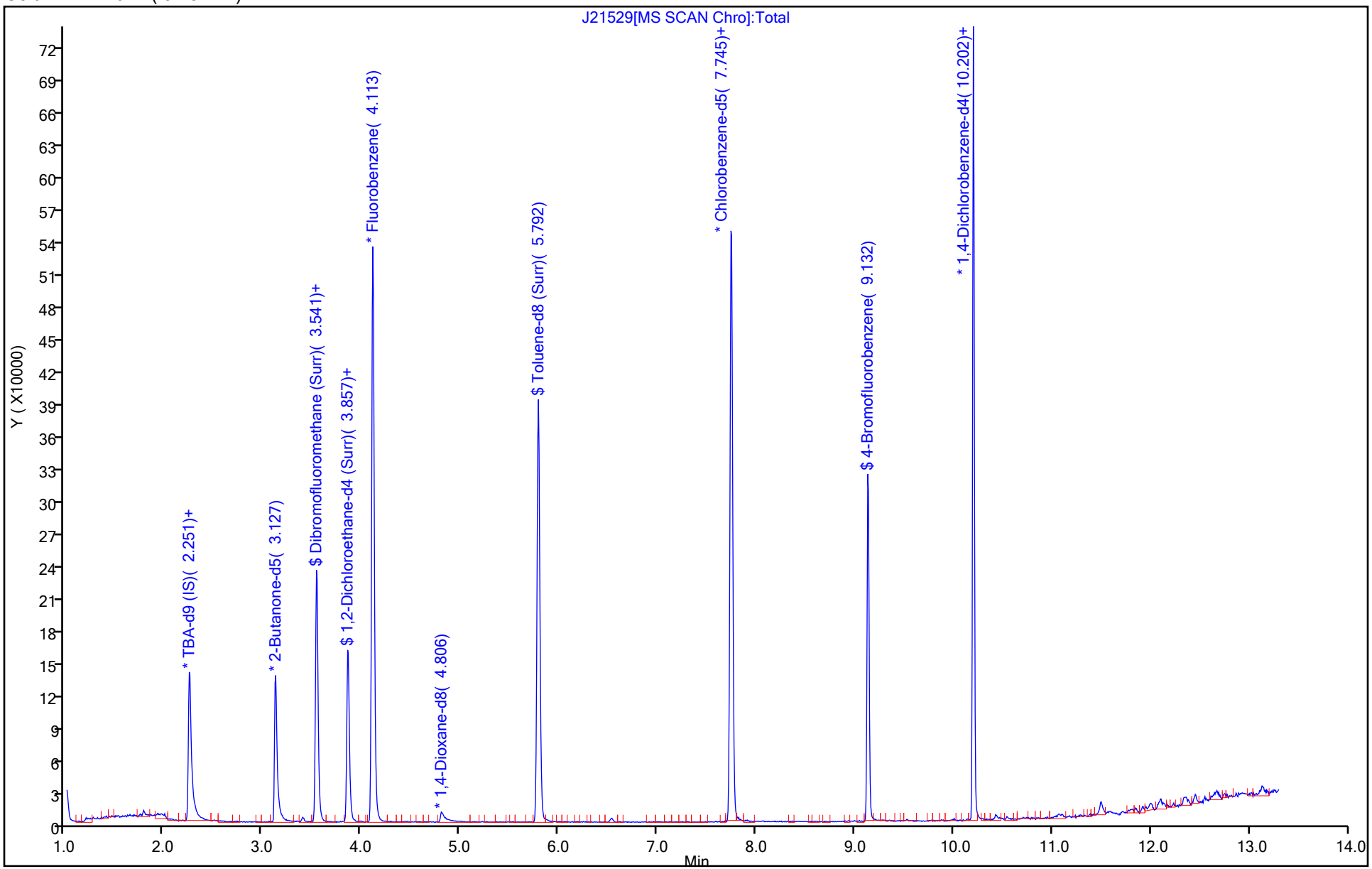
Report Date: 17-Aug-2025 13:02:05 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21529.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 16:09:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-1 | Lab Sample ID: | 460-332739-1 | Worklist Smp#: | 22 |
| Client ID: | HHMW-14 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 22 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21529.D
Lims ID: 460-332739-A-1
Client ID: HHMW-14
Sample Type: Client
Inject. Date: 16-Aug-2025 16:09:30 ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-1
Misc. Info.: 460-0194998-022
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:02:05

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 46.0 | 91.97 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.0 | 93.95 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 37.6 | 75.23 |
| $ 103 4-Bromofluorobenzene | 50.0 | 43.6 | 87.26 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-19S1 | Lab Sample ID: 460-332739-2

Matrix: Water | Lab File ID: J21530.D

Analysis Method: 8260D | Date Collected: 08/12/2025 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 16:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.47 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 5.7 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 1.7 | J | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 99 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 107 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 101 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 89 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21530.D
Lims ID: 460-332739-A-2
Client ID: HHMW-19S1
Sample Type: Client
Inject. Date: 16-Aug-2025 16:32:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-2
Misc. Info.: 460-0194998-023
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:02:16

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.253 | 2.251 | 0.002 | 74 | 169268 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.123 | 3.121 | 0.002 | 88 | 164261 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.542 | 3.535 | 0.007 | 97 | 156712 | 50.3 | |
| 58 Benzene | 78 | 3.841 | 3.839 | 0.002 | 89 | 5713 | 0.4660 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.859 | 3.857 | 0.002 | 0 | 116517 | 49.6 | |
| * 64 Fluorobenzene | 96 | 4.114 | 4.107 | 0.007 | 100 | 547288 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.814 | 4.806 | 0.008 | 0 | 19617 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.793 | 5.786 | 0.007 | 98 | 367087 | 44.5 | |
| * 92 Chlorobenzene-d5 | 117 | 7.746 | 7.744 | 0.002 | 82 | 382094 | 50.0 | |
| 94 Ethylbenzene | 106 | 7.904 | 7.897 | 0.007 | 97 | 15727 | 5.66 | |
| 96 m-Xylene & p-Xylene | 106 | 8.075 | 8.055 | 0.020 | 0 | 1095 | 0.3313 | |
| 97 o-Xylene | 106 | 8.537 | 8.529 | 0.008 | 93 | 4999 | 1.38 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.133 | 9.131 | 0.002 | 96 | 112669 | 53.4 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.204 | 10.202 | 0.002 | 94 | 190796 | 50.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 1.71 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

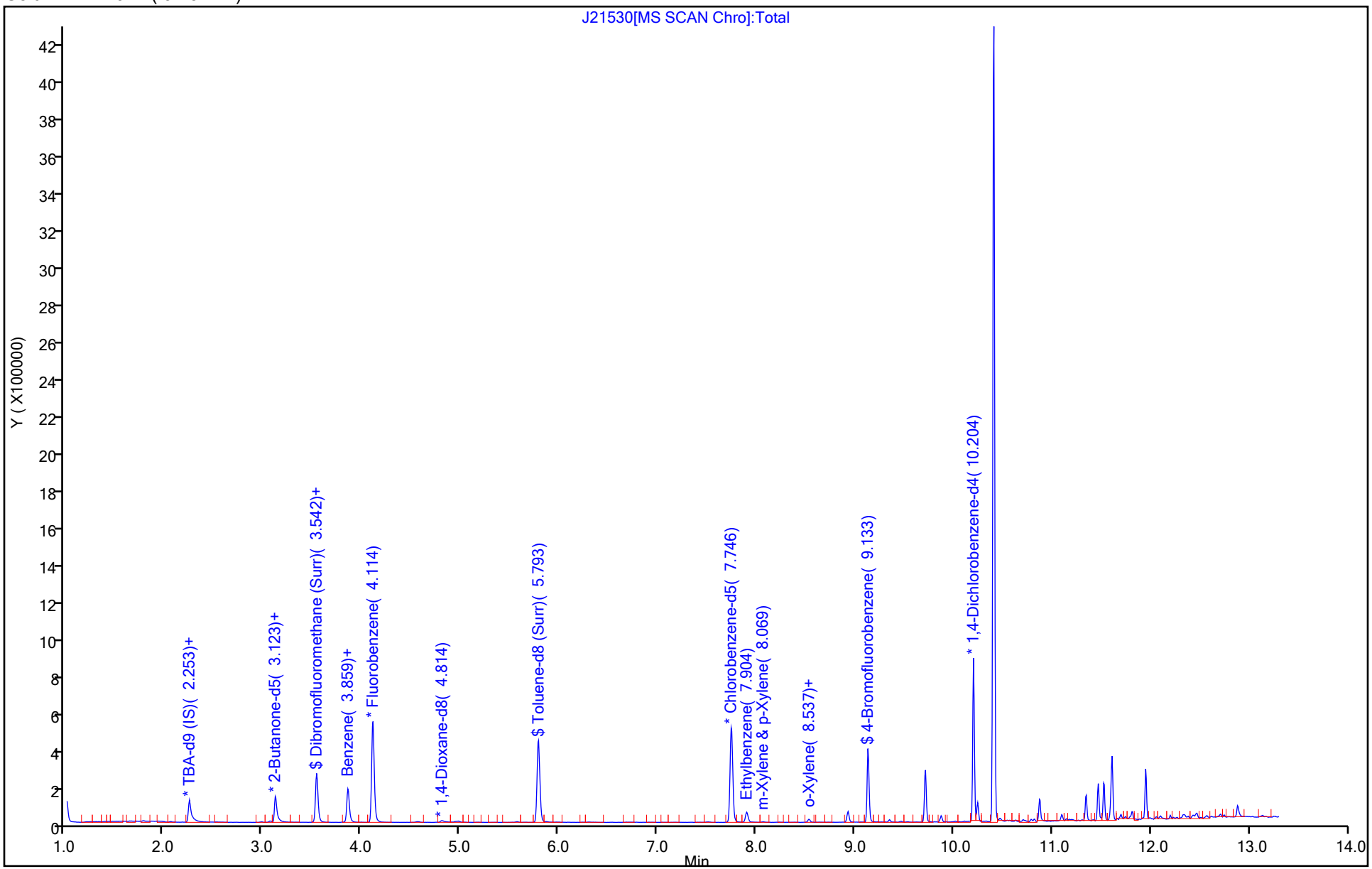
Report Date: 17-Aug-2025 13:02:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21530.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 16:32:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-2 | Lab Sample ID: | 460-332739-2 | Worklist Smp#: | 23 |
| Client ID: | HHMW-19S1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 23 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21530.D
Lims ID: 460-332739-A-2
Client ID: HHMW-19S1
Sample Type: Client
Inject. Date: 16-Aug-2025 16:32:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-2
Misc. Info.: 460-0194998-023
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:02:16

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 50.3 | 100.56 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.6 | 99.30 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 44.5 | 88.97 |
| $ 103 4-Bromofluorobenzene | 50.0 | 53.4 | 106.81 |

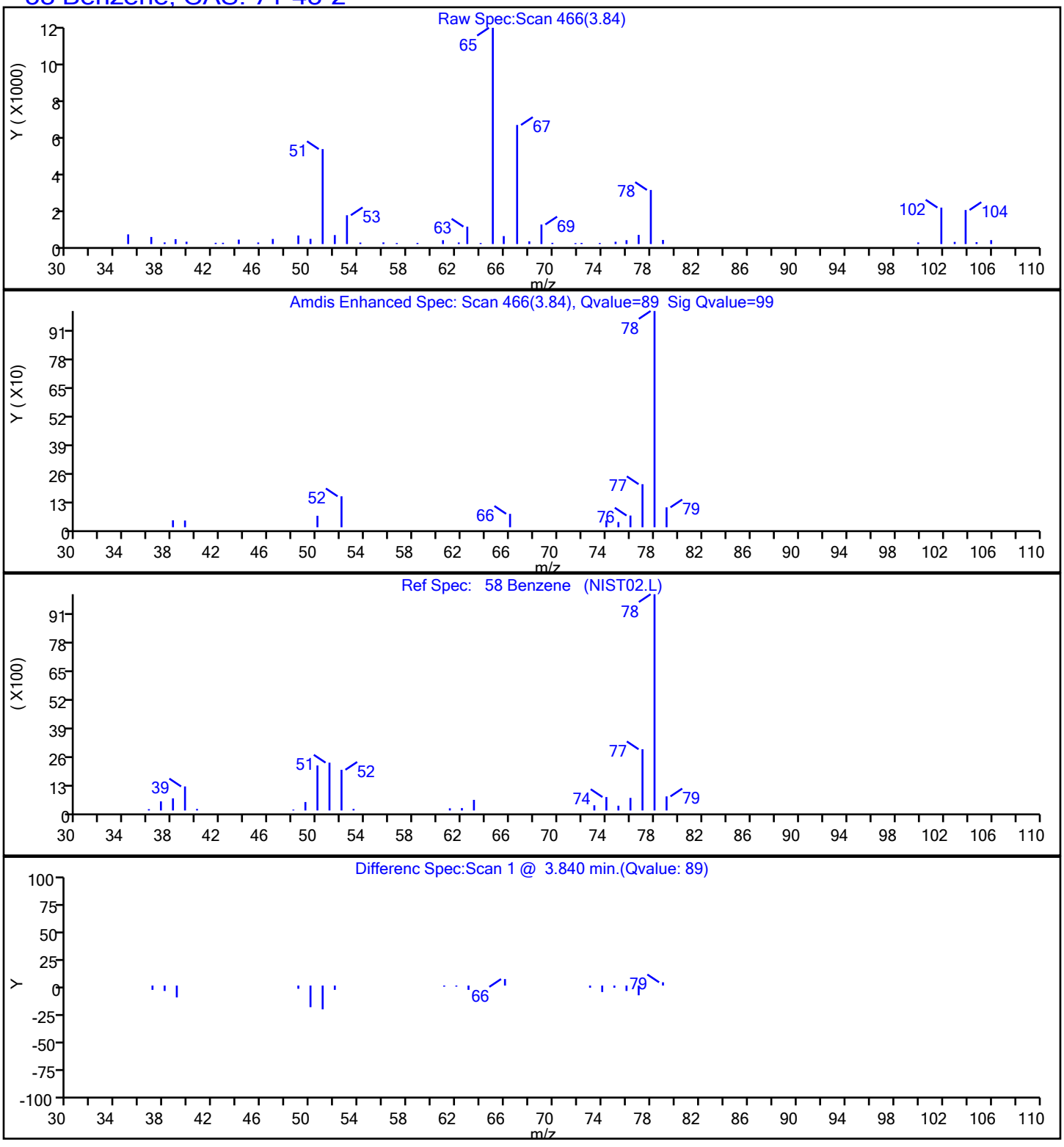
Report Date: 17-Aug-2025 13:02:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21530.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 16:32:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-2 | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 23 | Worklist Smp#: | 23 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 58 Benzene, CAS: 71-43-2



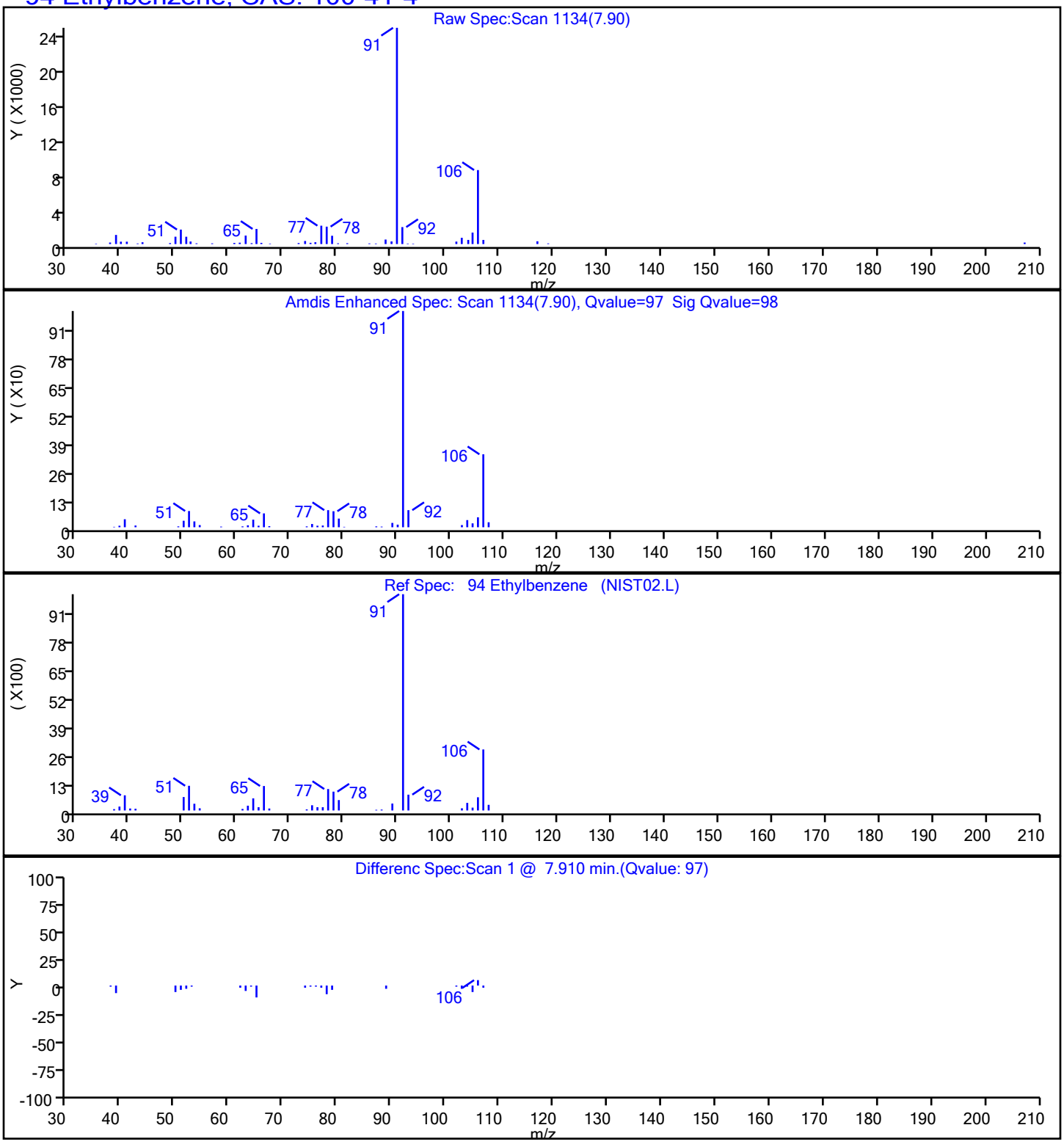
Report Date: 17-Aug-2025 13:02:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21530.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 16:32:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-2 | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 23 | Worklist Smp#: | 23 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 94 Ethylbenzene, CAS: 100-41-4



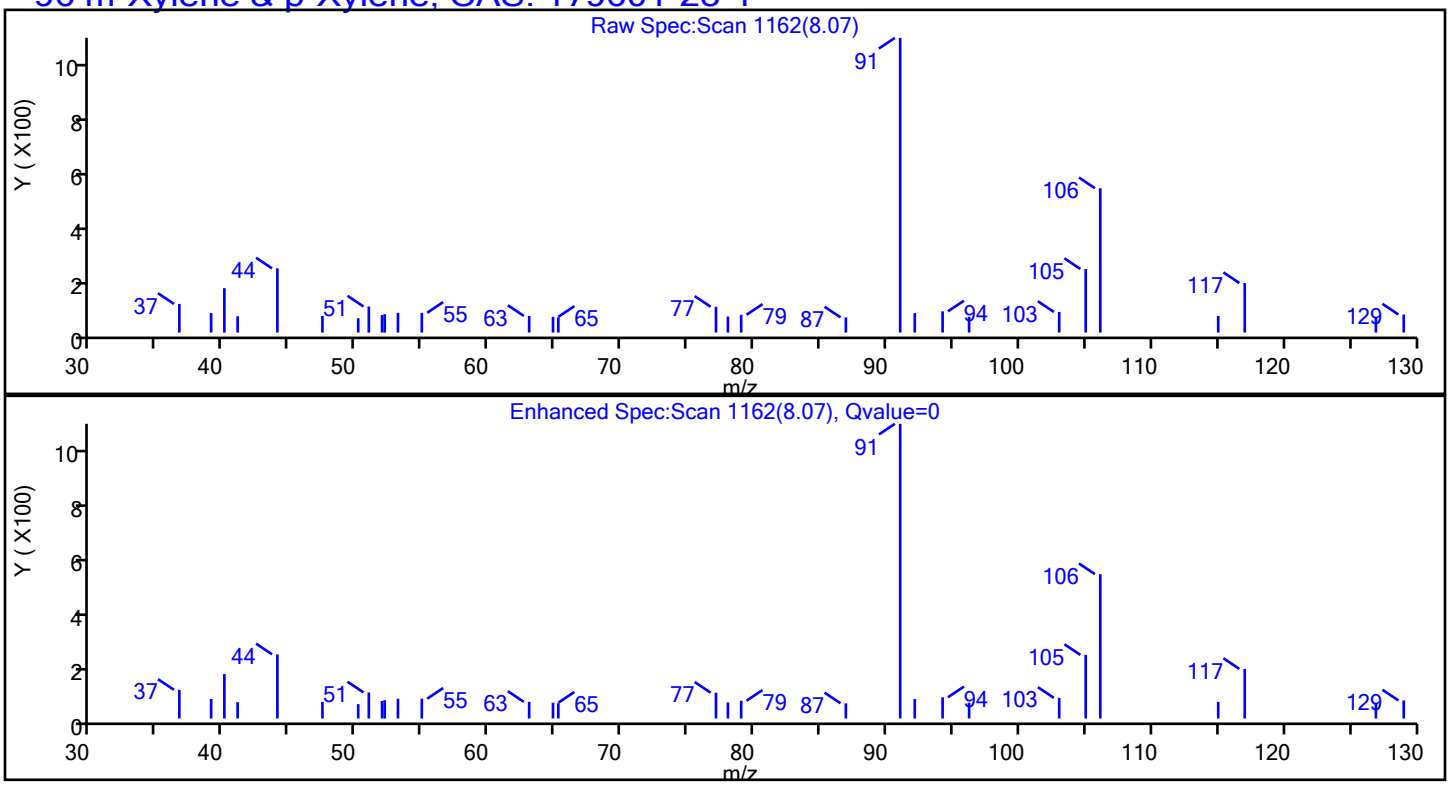
Report Date: 17-Aug-2025 13:02:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21530.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 16:32:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-2 | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 23 | Worklist Smp#: | 23 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

96 m-Xylene & p-Xylene, CAS: 179601-23-1



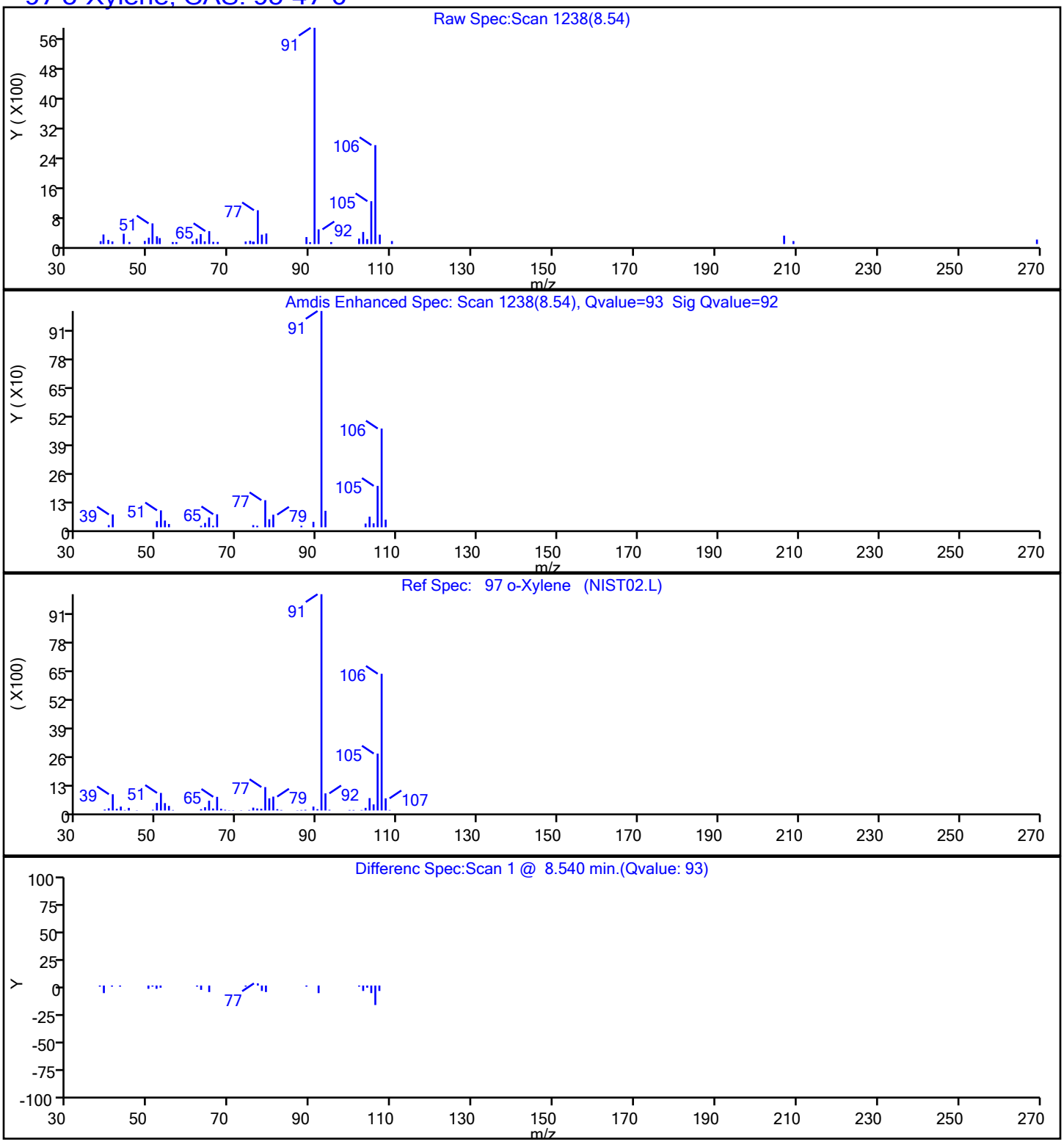
Report Date: 17-Aug-2025 13:02:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21530.D

| | | | |
|---|---|---|---|
| Injection Date: | 16-Aug-2025 16:32:30 | Instrument ID: | CVOAMS8 |
| Lims ID: | 460-332739-A-2 | Lab Sample ID: | 460-332739-2 |
| Client ID: | HHMW-19S1 | | |
| Operator ID: | | ALS Bottle#: | 23 Worklist Smp#: 23 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 97 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-13 | Lab Sample ID: 460-332739-3

Matrix: Water | Lab File ID: J21531.D

Analysis Method: 8260D | Date Collected: 08/12/2025 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 16:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 119 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 105 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 102 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21531.D
Lims ID: 460-332739-A-3
Client ID: HHMW-13
Sample Type: Client
Inject. Date: 16-Aug-2025 16:55:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-3
Misc. Info.: 460-0194998-024
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:02:24

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.251 | 2.251 | 0.000 | 74 | 188059 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.127 | 3.121 | 0.006 | 89 | 171294 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.540 | 3.535 | 0.005 | 97 | 165137 | 52.3 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.857 | 3.857 | 0.000 | 0 | 122403 | 51.5 | |
| * 64 Fluorobenzene | 96 | 4.112 | 4.107 | 0.005 | 100 | 553923 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.812 | 4.806 | 0.006 | 0 | 17907 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.791 | 5.786 | 0.005 | 99 | 380008 | 51.0 | |
| * 92 Chlorobenzene-d5 | 117 | 7.750 | 7.744 | 0.006 | 82 | 345208 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.137 | 9.131 | 0.006 | 98 | 112970 | 59.3 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.202 | 10.202 | 0.000 | 94 | 188593 | 50.0 | |

## Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

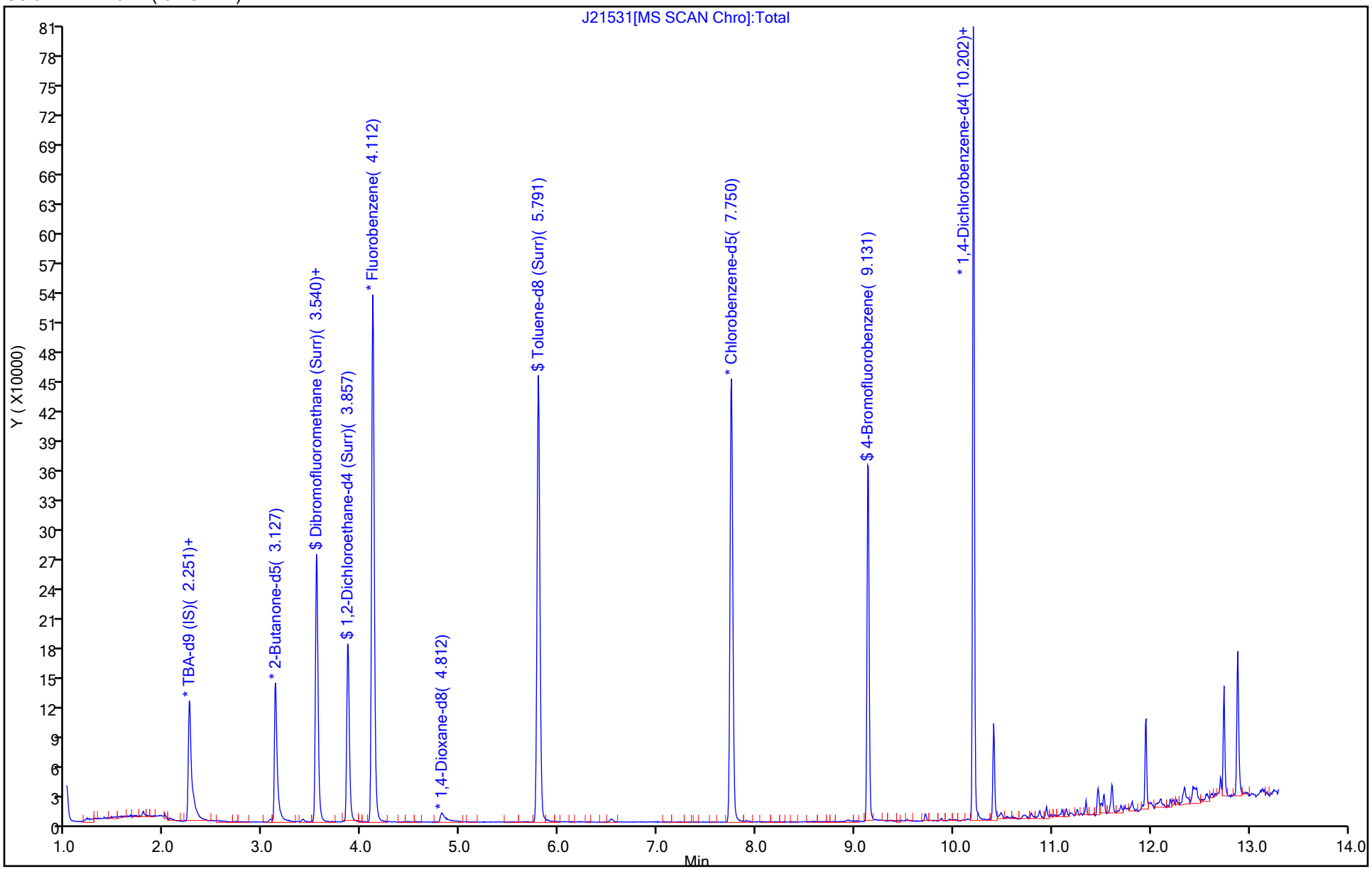
Report Date: 17-Aug-2025 13:02:24 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21531.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 16:55:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-3 | Lab Sample ID: | 460-332739-3 | Worklist Smp#: | 24 |
| Client ID: | HHMW-13 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 24 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21531.D
Lims ID: 460-332739-A-3
Client ID: HHMW-13
Sample Type: Client
Inject. Date: 16-Aug-2025 16:55:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-3
Misc. Info.: 460-0194998-024
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:02:24

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 52.3 | 104.70 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.5 | 103.07 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 51.0 | 101.95 |
| $ 103 4-Bromofluorobenzene | 50.0 | 59.3 | 118.54 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-16S1 | Lab Sample ID: 460-332739-4

Matrix: Water | Lab File ID: J21532.D

Analysis Method: 8260D | Date Collected: 08/12/2025 10:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 17:17

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) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.9 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 89 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 95 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 94 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 87 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21532.D
Lims ID: 460-332739-A-4
Client ID: HHMW-16S1
Sample Type: Client
Inject. Date: 16-Aug-2025 17:17:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-4
Misc. Info.: 460-0194998-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:02:42

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.251 | 2.251 | 0.000 | 74 | 158115 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.127 | 3.121 | 0.006 | 88 | 155655 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.541 | 3.535 | 0.006 | 96 | 139142 | 47.2 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.857 | 3.857 | 0.000 | 0 | 99000 | 44.6 | |
| * 64 Fluorobenzene | 96 | 4.113 | 4.107 | 0.006 | 100 | 518171 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.825 | 4.806 | 0.019 | 0 | 16310 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.792 | 5.786 | 0.006 | 99 | 311499 | 43.7 | |
| * 92 Chlorobenzene-d5 | 117 | 7.751 | 7.744 | 0.007 | 82 | 330311 | 50.0 | |
| 96 m-Xylene & p-Xylene | 106 | 8.067 | 8.055 | 0.012 | 0 | 4278 | 1.50 | a |
| 97 o-Xylene | 106 | 8.536 | 8.529 | 0.007 | 97 | 4349 | 1.39 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.138 | 9.131 | 0.007 | 99 | 86498 | 47.4 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.202 | 10.202 | 0.000 | 94 | 163014 | 50.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 2.88 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

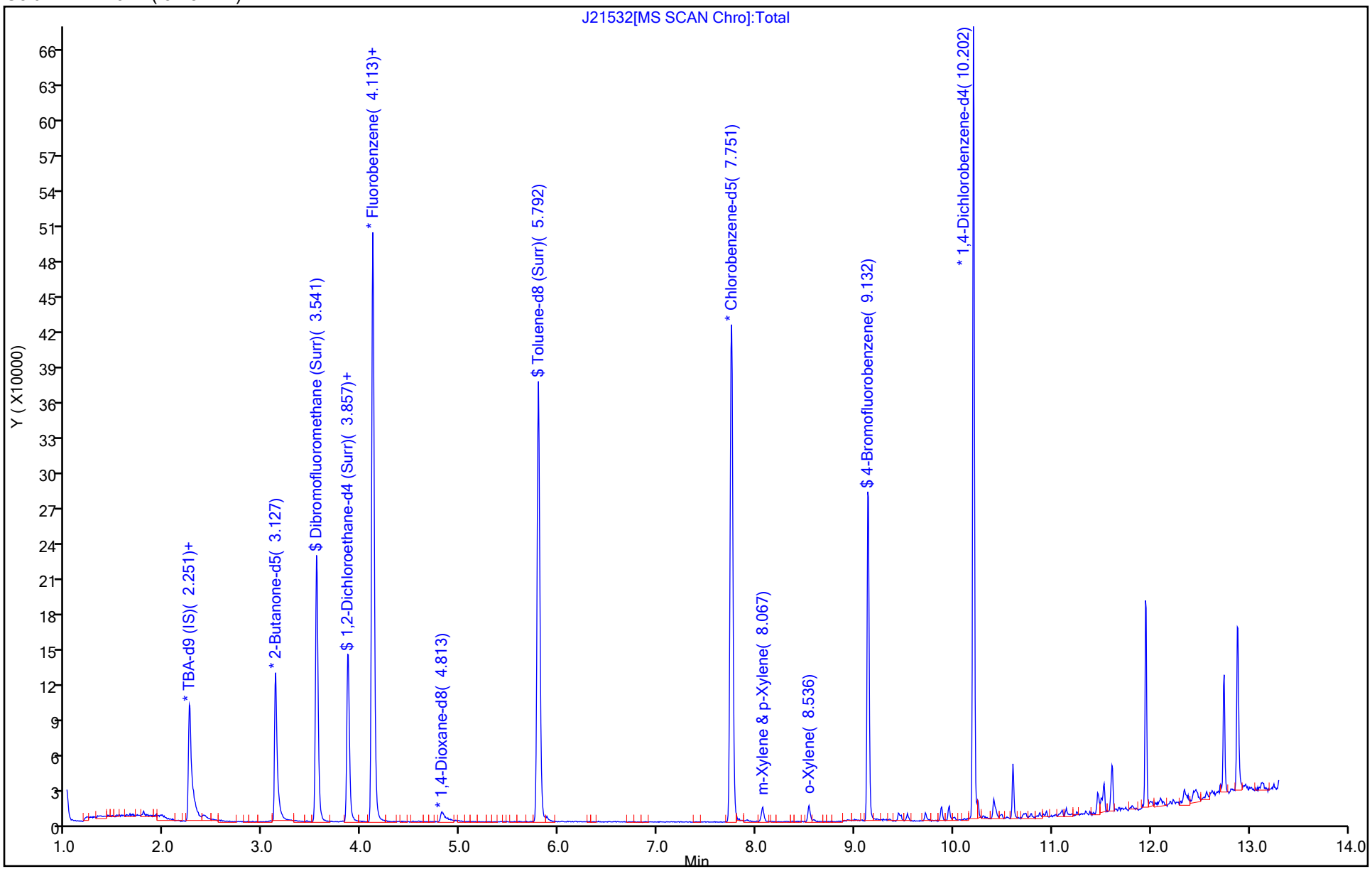
Report Date: 17-Aug-2025 13:02:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21532.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 17:17:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-4 | Lab Sample ID: | 460-332739-4 | Worklist Smp#: | 25 |
| Client ID: | HHMW-16S1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 25 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21532.D
Lims ID: 460-332739-A-4
Client ID: HHMW-16S1
Sample Type: Client
Inject. Date: 16-Aug-2025 17:17:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-4
Misc. Info.: 460-0194998-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:02:42

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 47.2 | 94.31 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 44.6 | 89.11 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 43.7 | 87.34 |
| $ 103 4-Bromofluorobenzene | 50.0 | 47.4 | 94.86 |

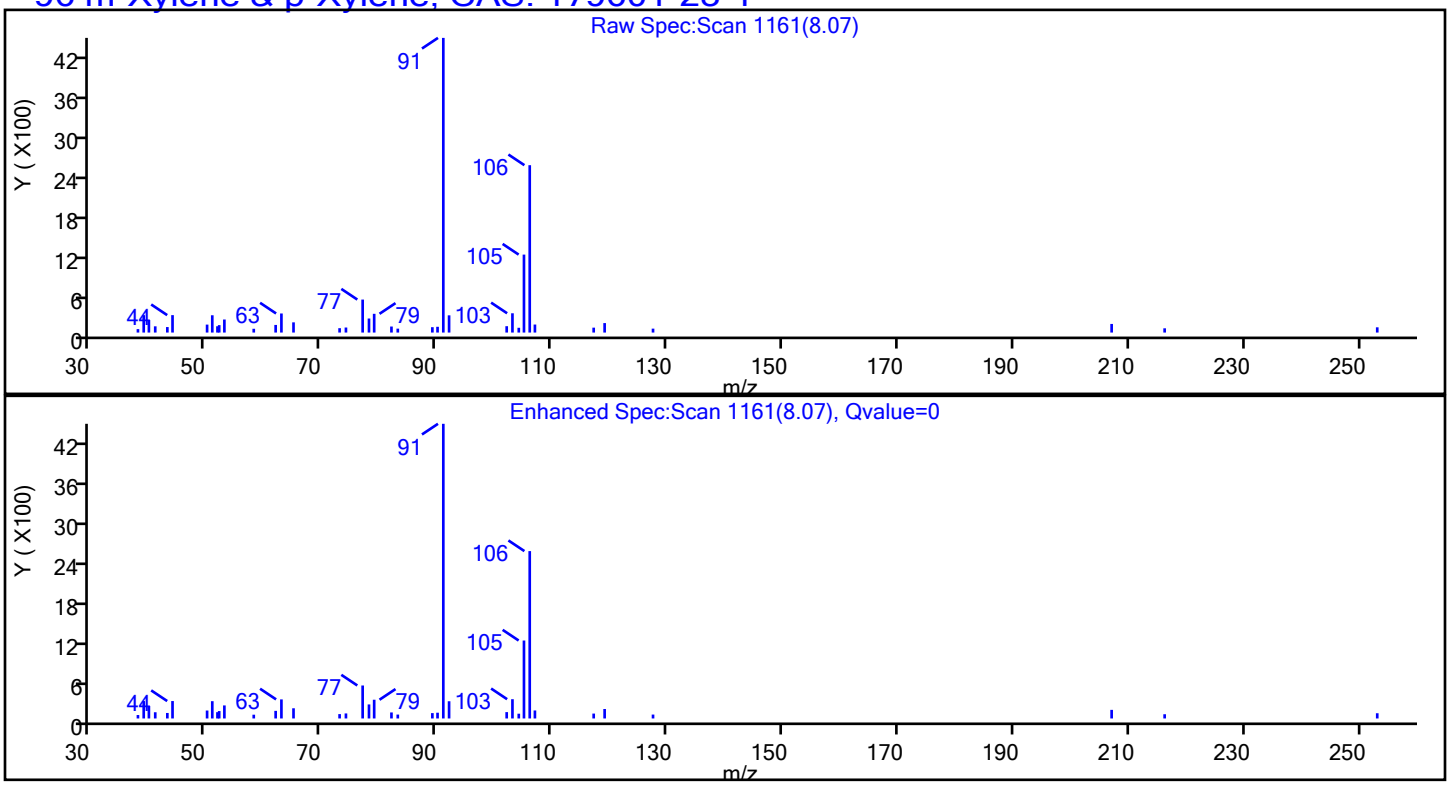
Report Date: 17-Aug-2025 13:02:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21532.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 17:17:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-4 | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 96 m-Xylene & p-Xylene, CAS: 179601-23-1



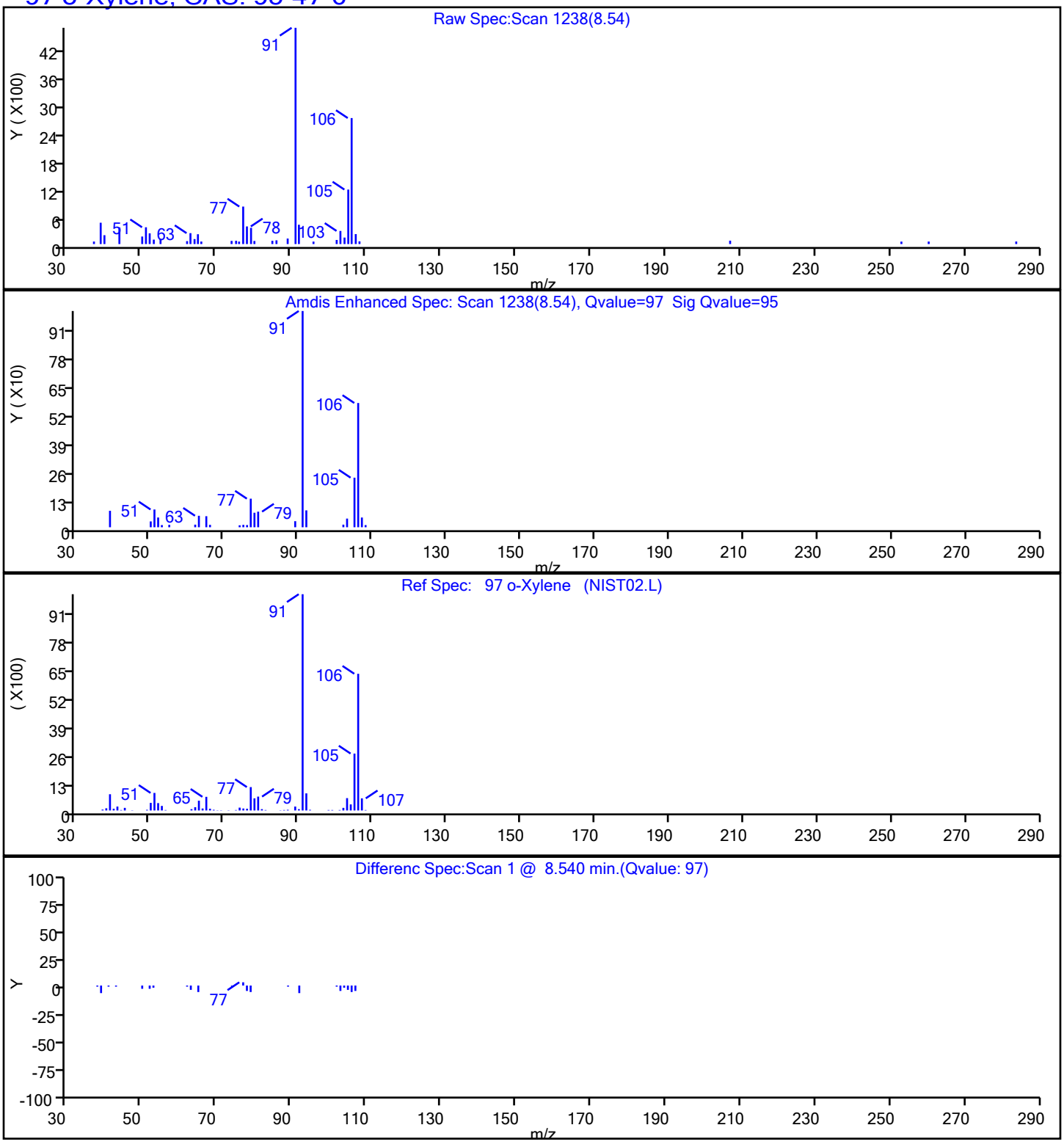
Report Date: 17-Aug-2025 13:02:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21532.D

| | | | |
|---|---|---|---|
| Injection Date: | 16-Aug-2025 17:17:30 | Instrument ID: | CVOAMS8 |
| Lims ID: | 460-332739-A-4 | Lab Sample ID: | 460-332739-4 |
| Client ID: | HHMW-16S1 | | |
| Operator ID: | | ALS Bottle#: | 25 Worklist Smp#: 25 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 97 o-Xylene, CAS: 95-47-6



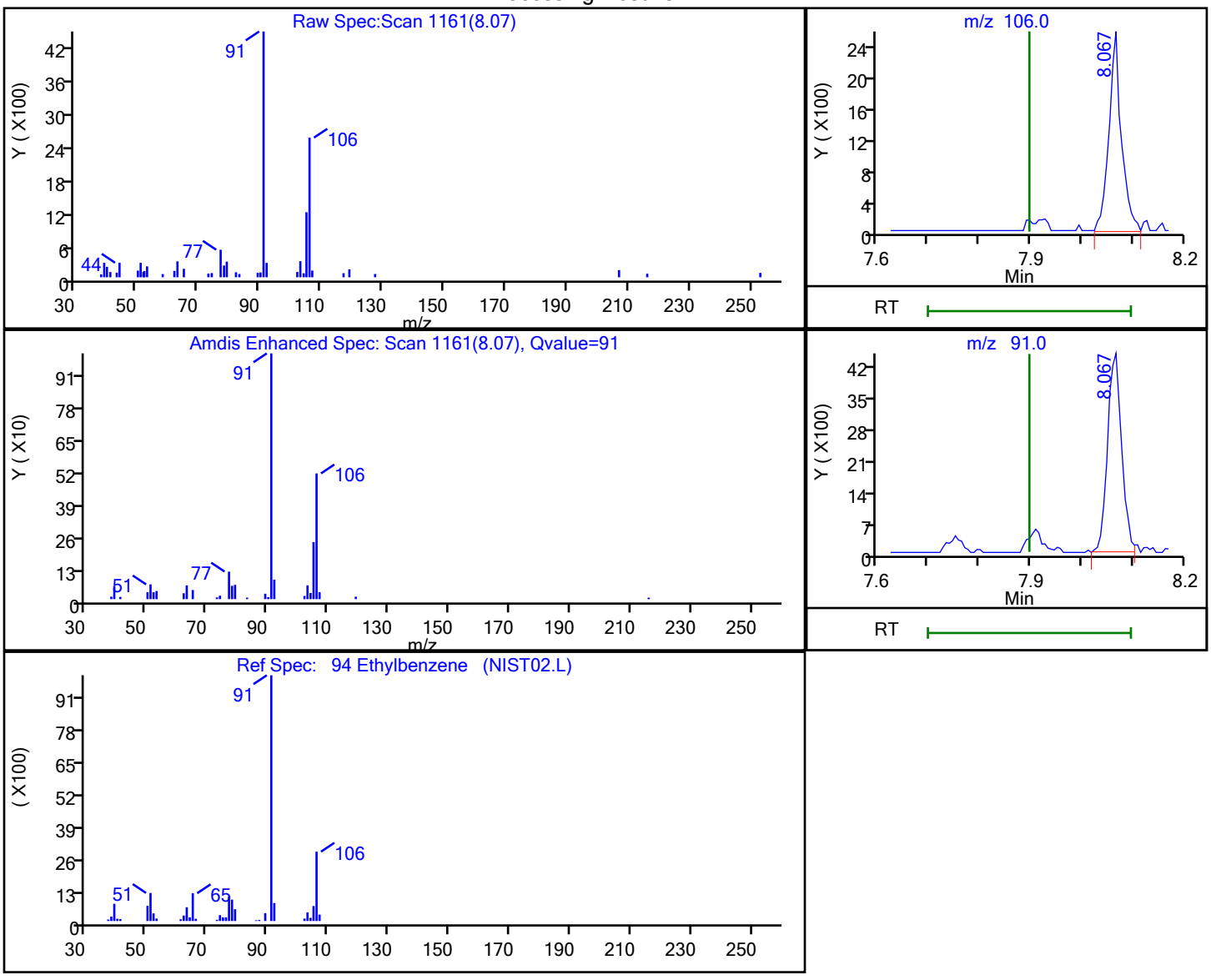
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21532.D | | | | |
| Injection Date: | 16-Aug-2025 17:17:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-4 | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 94 Ethylbenzene, CAS: 100-41-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.07 | 106.00 | 4278 | 1.781254 |
| 8.07 | 91.00 | 8618 | |

Reviewer: XE5L, 17-Aug-2025 13:02:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

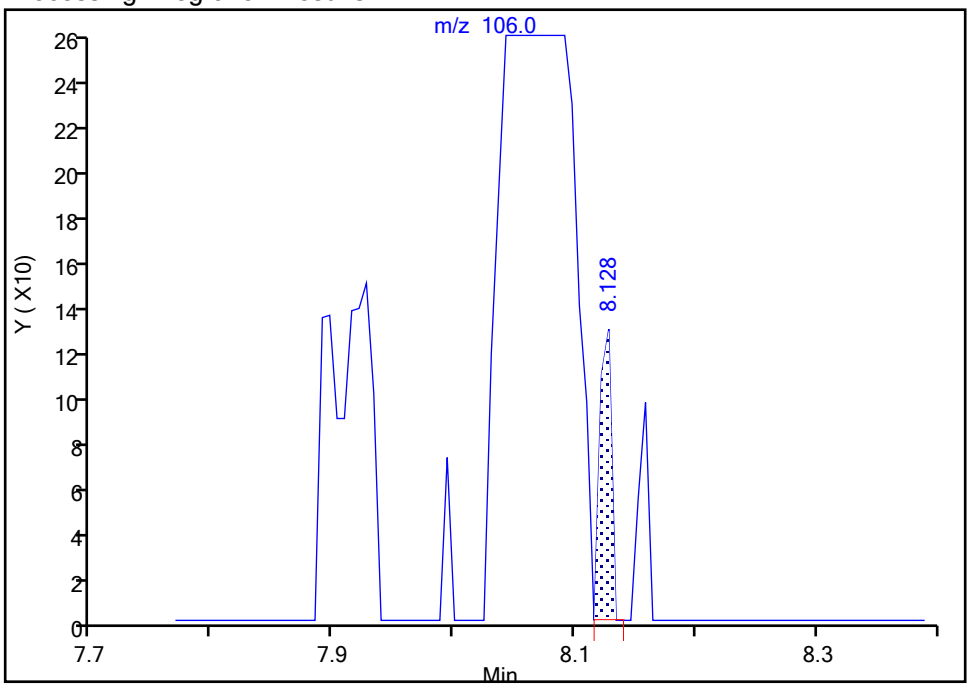
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21532.D | | |
| Injection Date: | 16-Aug-2025 17:17:30 | Instrument ID: | CVOAMS8 |
| Lims ID: | 460-332739-A-4 | Lab Sample ID: | 460-332739-4 |
| Client ID: | HHMW-16S1 | | |
| Operator ID: | | ALS Bottle#: | 25 Worklist Smp#: 25 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 96 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

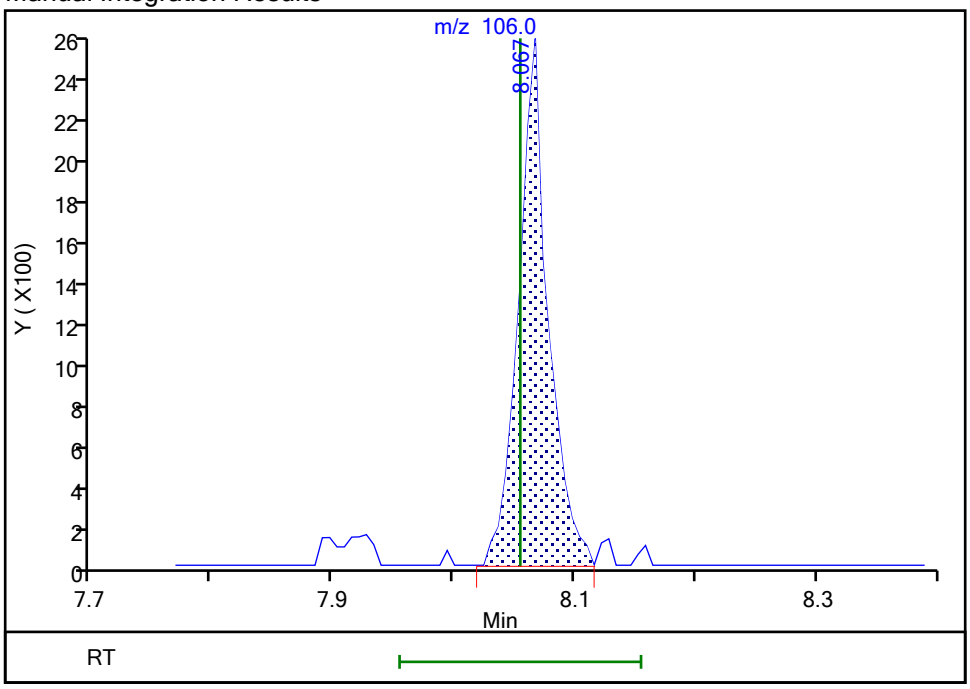
Processing Integration Results

RT: 8.13
Area: 85
Amount: 0.029749
Amount Units: ug/l




Manual Integration Results

RT: 8.07
Area: 4278
Amount: 1.497261
Amount Units: ug/l




Reviewer: XE5L, 17-Aug-2025 13:02:33 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-05S2-R | Lab Sample ID: 460-332739-5

Matrix: Water | Lab File ID: J21533.D

Analysis Method: 8260D | Date Collected: 08/12/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 17:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 102 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 98 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 89 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21533.D
Lims ID: 460-332739-A-5
Client ID: HHMW-05S2-R
Sample Type: Client
Inject. Date: 16-Aug-2025 17:40:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-5
Misc. Info.: 460-0194998-026
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:03

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.254 | 2.251 | 0.003 | 74 | 216555 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.124 | 3.121 | 0.003 | 89 | 141638 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.544 | 3.535 | 0.009 | 97 | 137434 | 48.8 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.860 | 3.857 | 0.003 | 0 | 100392 | 47.3 | |
| * 64 Fluorobenzene | 96 | 4.116 | 4.107 | 0.009 | 100 | 494673 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.815 | 4.806 | 0.009 | 0 | 16111 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.795 | 5.786 | 0.009 | 99 | 306242 | 44.3 | |
| * 92 Chlorobenzene-d5 | 117 | 7.748 | 7.744 | 0.004 | 82 | 320448 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.135 | 9.131 | 0.004 | 96 | 90304 | 51.0 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.205 | 10.202 | 0.003 | 93 | 163039 | 50.0 | |

## Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

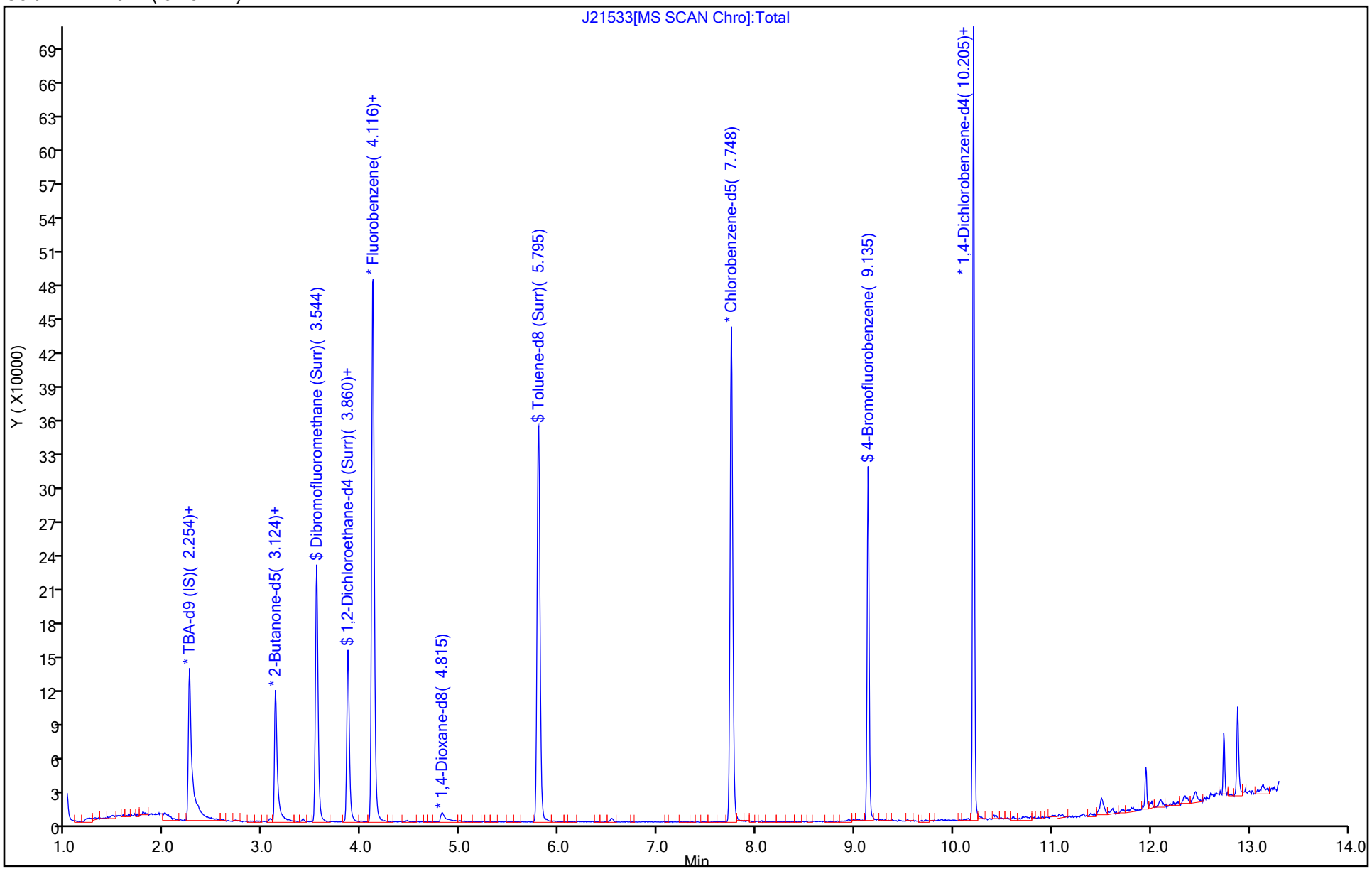
Report Date: 17-Aug-2025 13:03:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21533.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 17:40:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-5 | Lab Sample ID: | 460-332739-5 | Worklist Smp#: | 26 |
| Client ID: | HHMW-05S2-R | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 26 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21533.D
Lims ID: 460-332739-A-5
Client ID: HHMW-05S2-R
Sample Type: Client
Inject. Date: 16-Aug-2025 17:40:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-5
Misc. Info.: 460-0194998-026
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:03

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 48.8 | 97.57 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.3 | 94.66 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 44.3 | 88.51 |
| $ 103 4-Bromofluorobenzene | 50.0 | 51.0 | 102.08 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: MW-03 | Lab Sample ID: 460-332739-6

Matrix: Water | Lab File ID: J21534.D

Analysis Method: 8260D | Date Collected: 08/12/2025 12:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 18:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 0.88 | J | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 5.7 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 98 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 108 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 100 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 90 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21534.D
Lims ID: 460-332739-A-6
Client ID: MW-03
Sample Type: Client
Inject. Date: 16-Aug-2025 18:03:30 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-6
Misc. Info.: 460-0194998-027
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:10

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.252 | 2.251 | 0.001 | 74 | 168306 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.122 | 3.121 | 0.001 | 89 | 156265 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.541 | 3.535 | 0.006 | 97 | 144858 | 50.0 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.858 | 3.857 | 0.001 | 0 | 107017 | 49.0 | |
| * 64 Fluorobenzene | 96 | 4.113 | 4.107 | 0.006 | 100 | 508920 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.819 | 4.806 | 0.013 | 0 | 17244 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.792 | 5.786 | 0.006 | 99 | 325661 | 45.1 | |
| * 92 Chlorobenzene-d5 | 117 | 7.751 | 7.744 | 0.007 | 82 | 334017 | 50.0 | |
| 94 Ethylbenzene | 106 | 7.909 | 7.897 | 0.012 | 96 | 2136 | 0.8795 | |
| 96 m-Xylene & p-Xylene | 106 | 8.068 | 8.055 | 0.013 | 0 | 3918 | 1.36 | |
| 97 o-Xylene | 106 | 8.536 | 8.529 | 0.007 | 94 | 13745 | 4.33 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.138 | 9.131 | 0.007 | 97 | 99326 | 53.9 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.203 | 10.202 | 0.001 | 93 | 173099 | 50.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 5.69 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

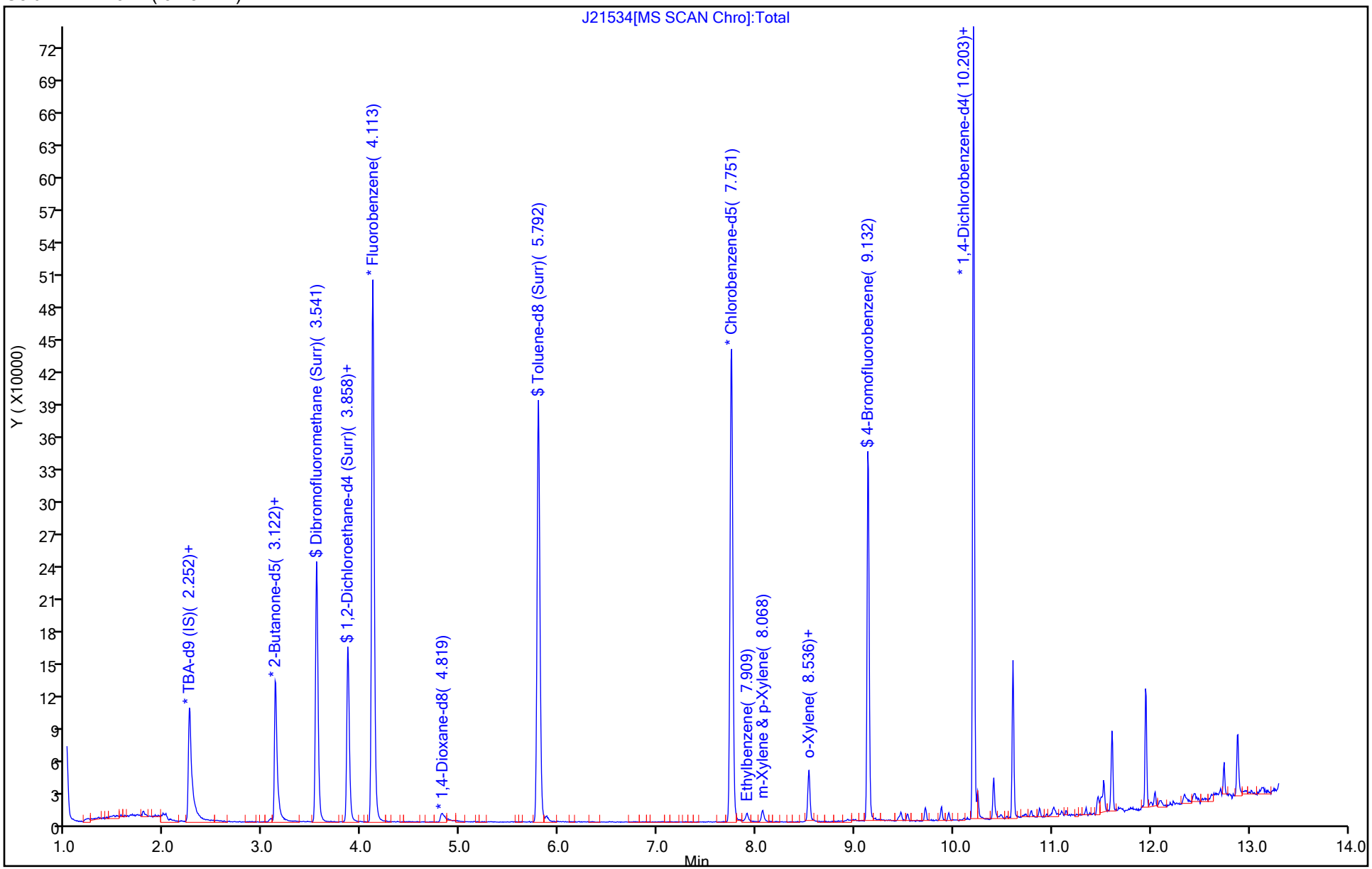
Report Date: 17-Aug-2025 13:03:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21534.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 18:03:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-6 | Lab Sample ID: | 460-332739-6 | Worklist Smp#: | 27 |
| Client ID: | MW-03 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 27 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21534.D
Lims ID: 460-332739-A-6
Client ID: MW-03
Sample Type: Client
Inject. Date: 16-Aug-2025 18:03:30 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-6
Misc. Info.: 460-0194998-027
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:10

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 50.0 | 99.96 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.0 | 98.08 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 45.1 | 90.29 |
| $ 103 4-Bromofluorobenzene | 50.0 | 53.9 | 107.71 |

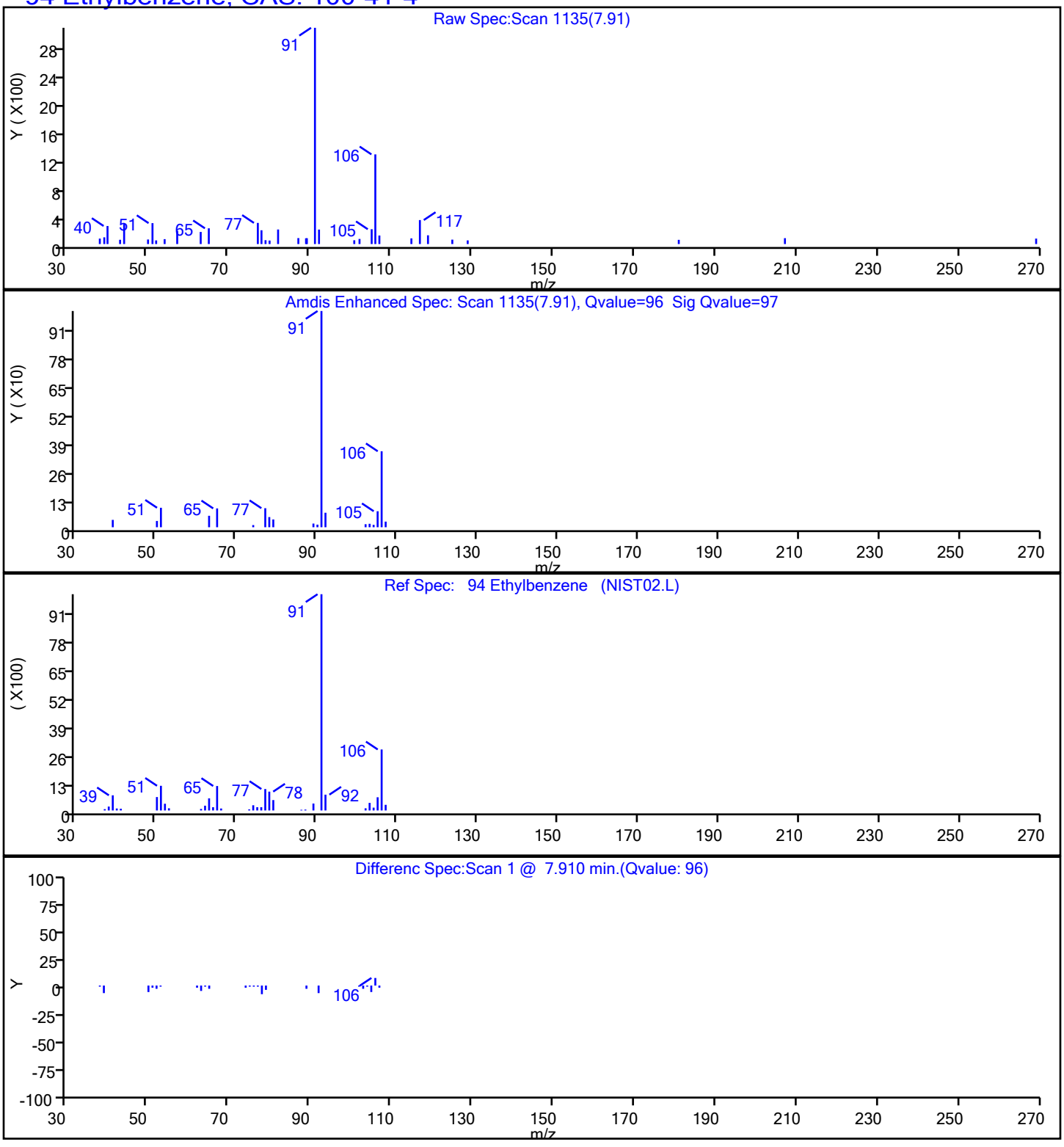
Report Date: 17-Aug-2025 13:03:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21534.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 18:03:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-6 | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 94 Ethylbenzene, CAS: 100-41-4

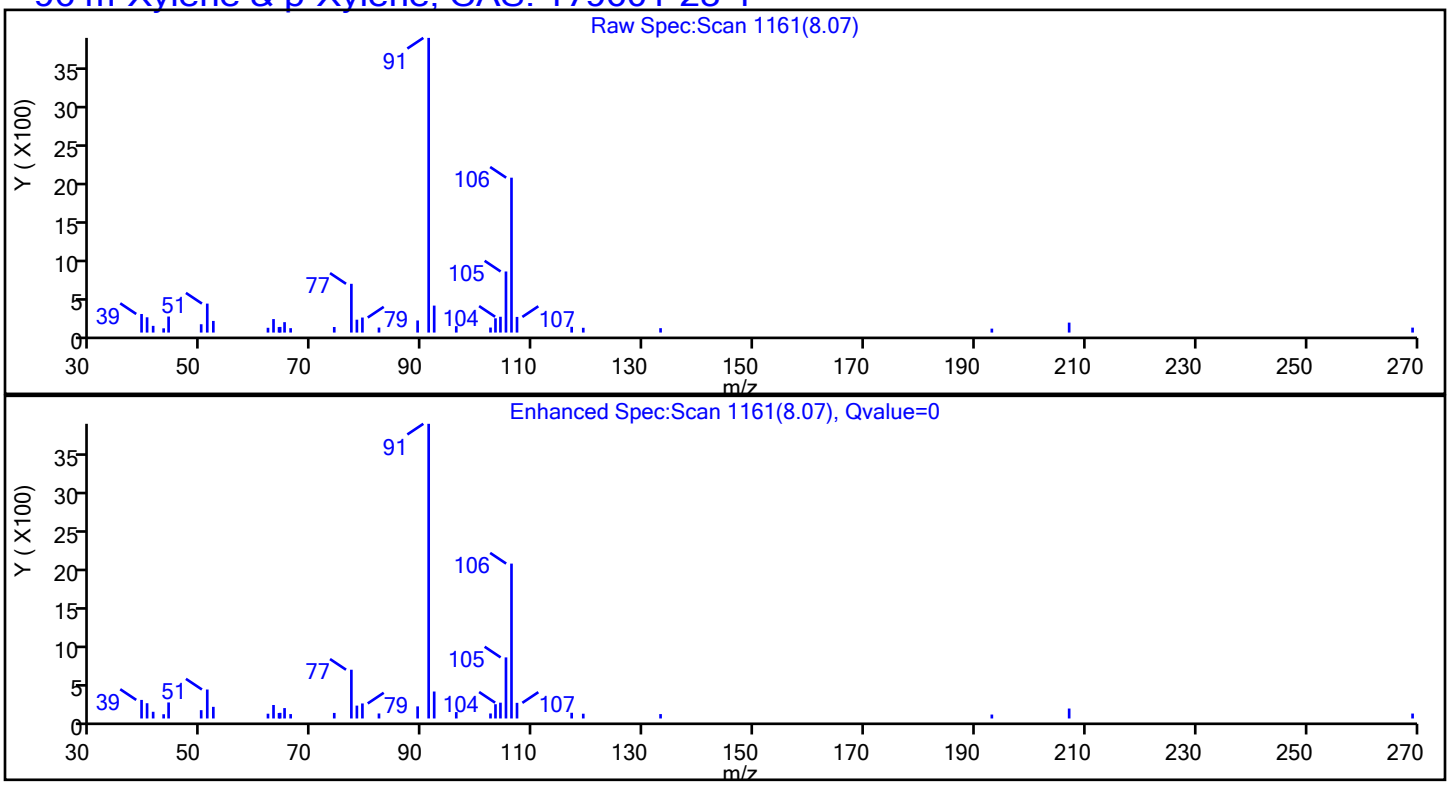


Report Date: 17-Aug-2025 13:03:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21534.D | | | | |
| Injection Date: | 16-Aug-2025 18:03:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-6 | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

96 m-Xylene & p-Xylene, CAS: 179601-23-1



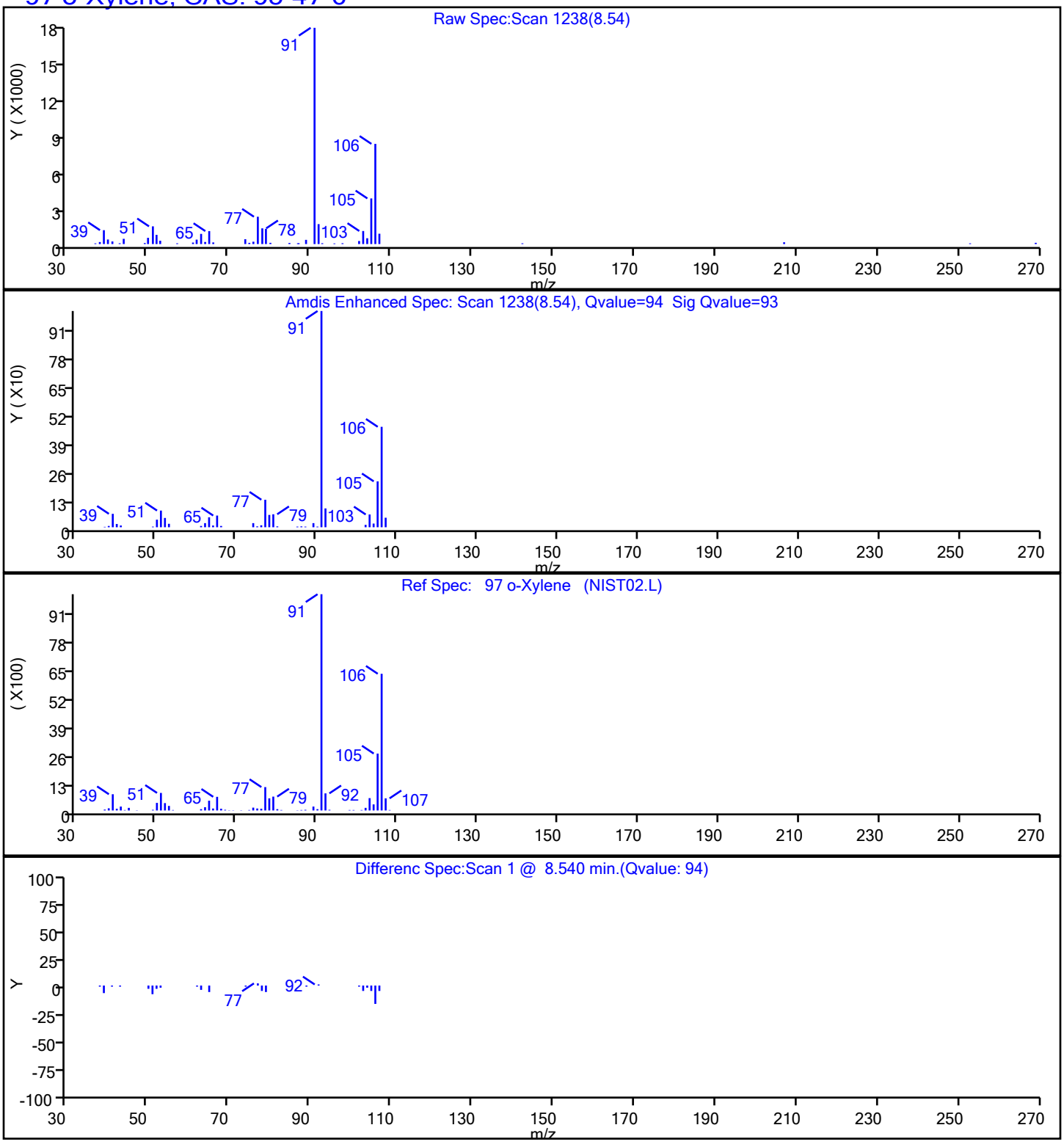
Report Date: 17-Aug-2025 13:03:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21534.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 18:03:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-6 | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 97 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-18S1 | Lab Sample ID: 460-332739-7

Matrix: Water | Lab File ID: J21535.D

Analysis Method: 8260D | Date Collected: 08/12/2025 12:05

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 18:26

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) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 118 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 110 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 99 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21535.D
Lims ID: 460-332739-A-7
Client ID: HHMW-18S1
Sample Type: Client
Inject. Date: 16-Aug-2025 18:26:30 ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-7
Misc. Info.: 460-0194998-028
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:16

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.254 | 2.251 | 0.003 | 74 | 166839 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.124 | 3.121 | 0.003 | 88 | 142001 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.544 | 3.535 | 0.009 | 97 | 151170 | 55.1 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.860 | 3.857 | 0.003 | 0 | 106242 | 51.4 | |
| * 64 Fluorobenzene | 96 | 4.110 | 4.107 | 0.003 | 100 | 481851 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.809 | 4.806 | 0.003 | 0 | 15115 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.795 | 5.786 | 0.009 | 99 | 327815 | 49.4 | |
| * 92 Chlorobenzene-d5 | 117 | 7.748 | 7.744 | 0.004 | 82 | 307324 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.135 | 9.131 | 0.004 | 94 | 99806 | 58.8 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.205 | 10.202 | 0.003 | 94 | 169108 | 50.0 | |

## Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

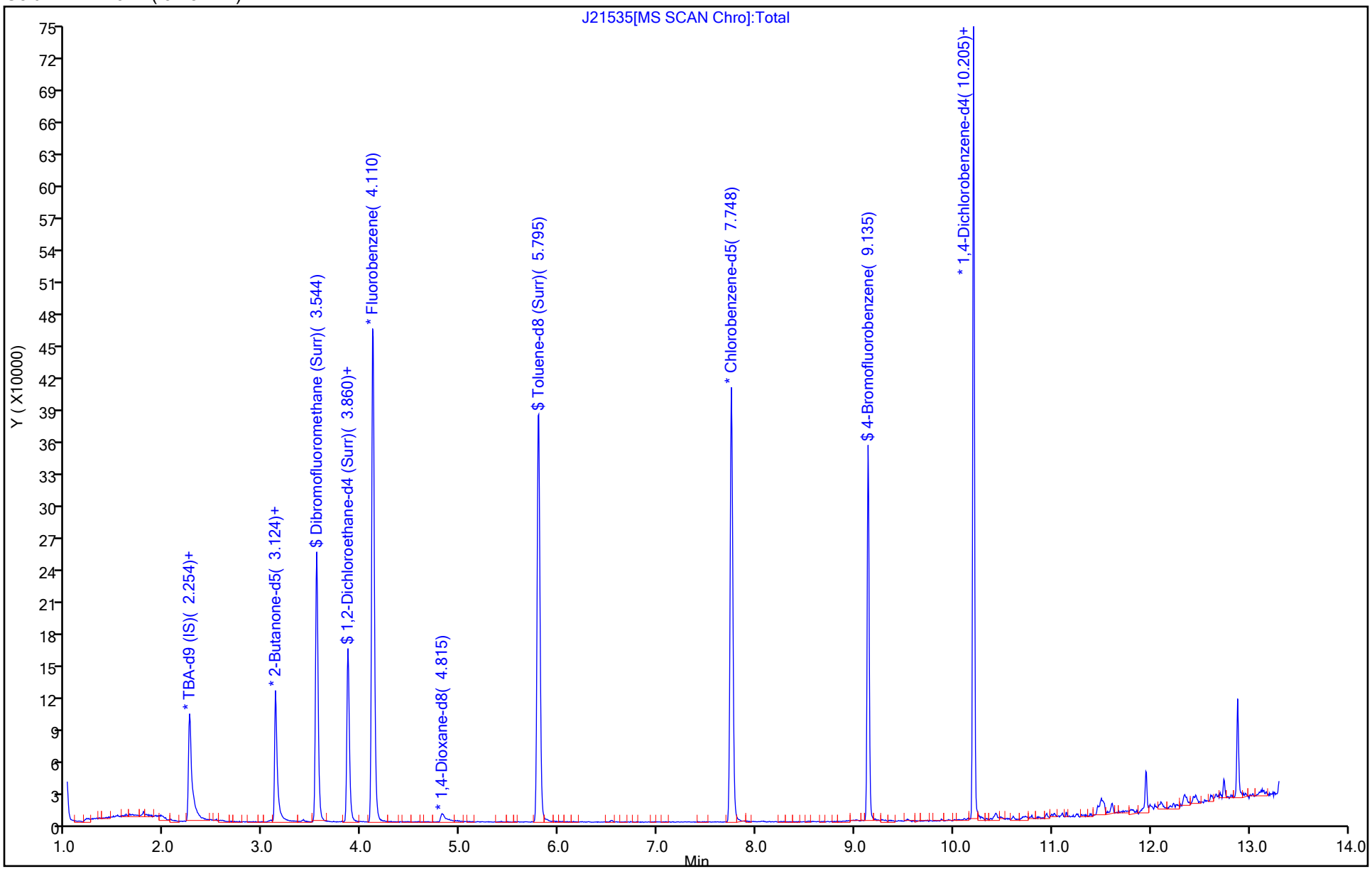
Report Date: 17-Aug-2025 13:03:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21535.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 18:26:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-7 | Lab Sample ID: | 460-332739-7 | Worklist Smp#: | 28 |
| Client ID: | HHMW-18S1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 28 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21535.D
Lims ID: 460-332739-A-7
Client ID: HHMW-18S1
Sample Type: Client
Inject. Date: 16-Aug-2025 18:26:30 ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-7
Misc. Info.: 460-0194998-028
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:16

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 55.1 | 110.18 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.4 | 102.84 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 49.4 | 98.79 |
| $ 103 4-Bromofluorobenzene | 50.0 | 58.8 | 117.64 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-09S1 | Lab Sample ID: 460-332739-8

Matrix: Water | Lab File ID: J21536.D

Analysis Method: 8260D | Date Collected: 08/12/2025 13:35

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 18:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 0.76 | J | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 6.9 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 113 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 113 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 98 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21536.D
Lims ID: 460-332739-A-8
Client ID: HHMW-09S1
Sample Type: Client
Inject. Date: 16-Aug-2025 18:48:30 ALS Bottle#: 29 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-8
Misc. Info.: 460-0194998-029
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:24

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.253 | 2.251 | 0.002 | 74 | 168420 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.129 | 3.121 | 0.008 | 88 | 113599 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.543 | 3.535 | 0.008 | 97 | 135503 | 56.7 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.859 | 3.857 | 0.002 | 0 | 90176 | 50.1 | |
| * 64 Fluorobenzene | 96 | 4.115 | 4.107 | 0.008 | 100 | 419830 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.814 | 4.806 | 0.008 | 0 | 15304 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.794 | 5.786 | 0.008 | 99 | 259091 | 48.8 | |
| 82 Toluene | 91 | 5.879 | 5.865 | 0.014 | 92 | 5177 | 0.7640 | |
| * 92 Chlorobenzene-d5 | 117 | 7.747 | 7.744 | 0.003 | 82 | 245881 | 50.0 | |
| 96 m-Xylene & p-Xylene | 106 | 8.069 | 8.055 | 0.014 | 0 | 4894 | 2.30 | |
| 97 o-Xylene | 106 | 8.531 | 8.529 | 0.002 | 93 | 10759 | 4.60 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.134 | 9.131 | 0.003 | 97 | 76867 | 56.6 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.204 | 10.202 | 0.002 | 93 | 137217 | 50.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 6.91 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

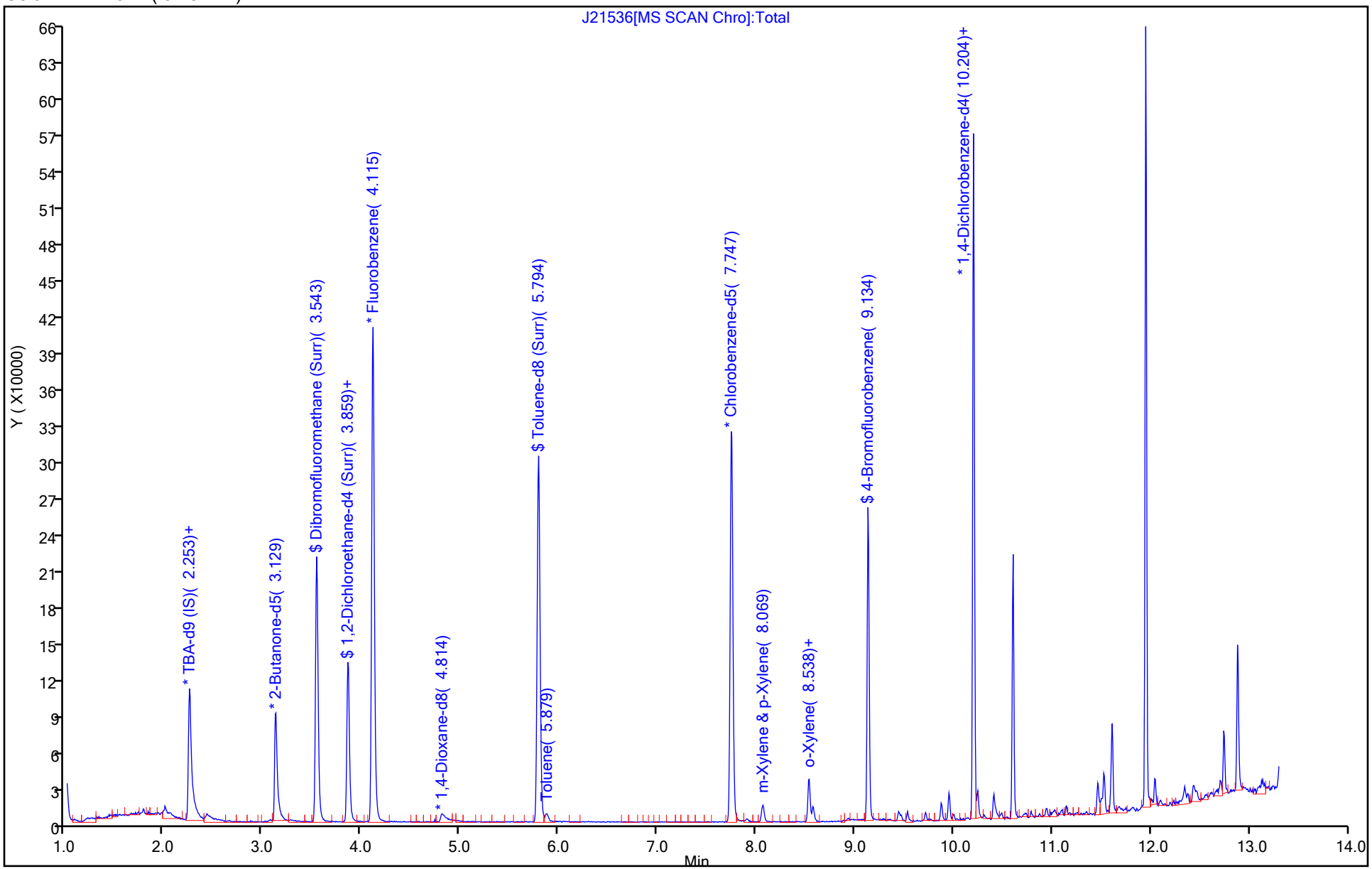
Report Date: 17-Aug-2025 13:03:25 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21536.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 18:48:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-8 | Lab Sample ID: | 460-332739-8 | Worklist Smp#: | 29 |
| Client ID: | HHMW-09S1 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 29 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21536.D
Lims ID: 460-332739-A-8
Client ID: HHMW-09S1
Sample Type: Client
Inject. Date: 16-Aug-2025 18:48:30 ALS Bottle#: 29 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-8
Misc. Info.: 460-0194998-029
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:24

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 56.7 | 113.35 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.1 | 100.18 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 48.8 | 97.59 |
| $ 103 4-Bromofluorobenzene | 50.0 | 56.6 | 113.24 |

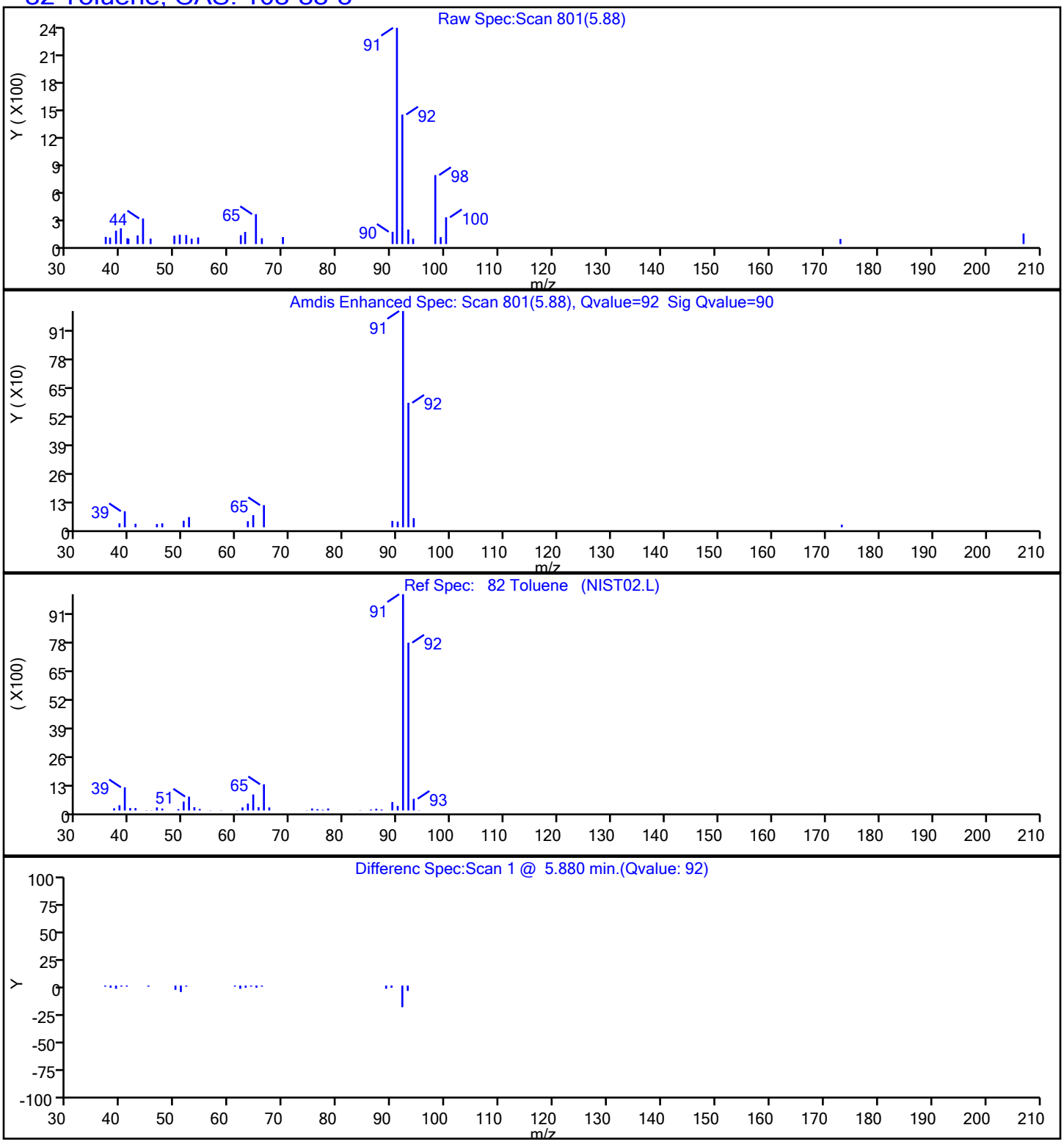
Report Date: 17-Aug-2025 13:03:25 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21536.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 18:48:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-8 | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 29 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 82 Toluene, CAS: 108-88-3

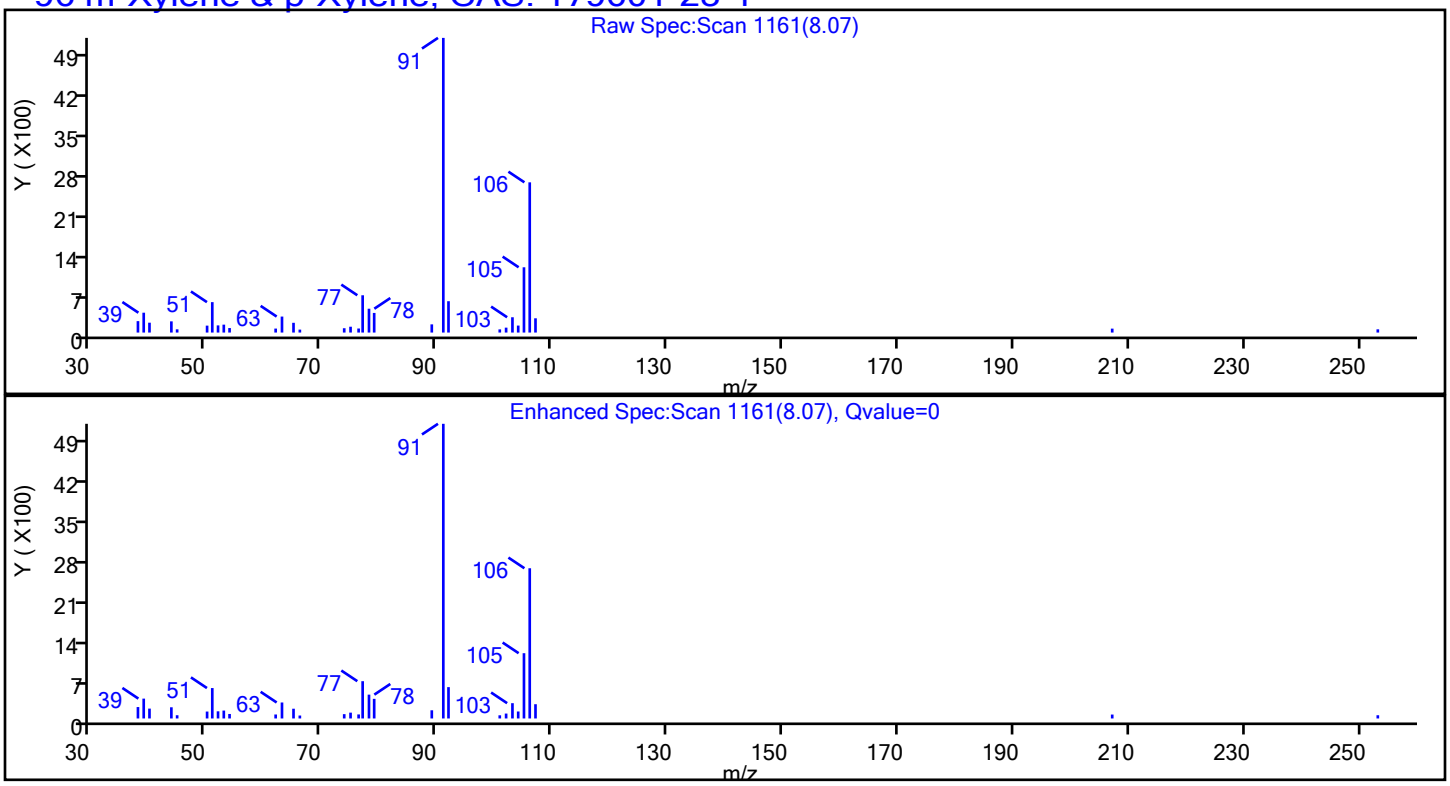


Report Date: 17-Aug-2025 13:03:25 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21536.D | | | | |
| Injection Date: | 16-Aug-2025 18:48:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | 460-332739-A-8 | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 29 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

96 m-Xylene & p-Xylene, CAS: 179601-23-1



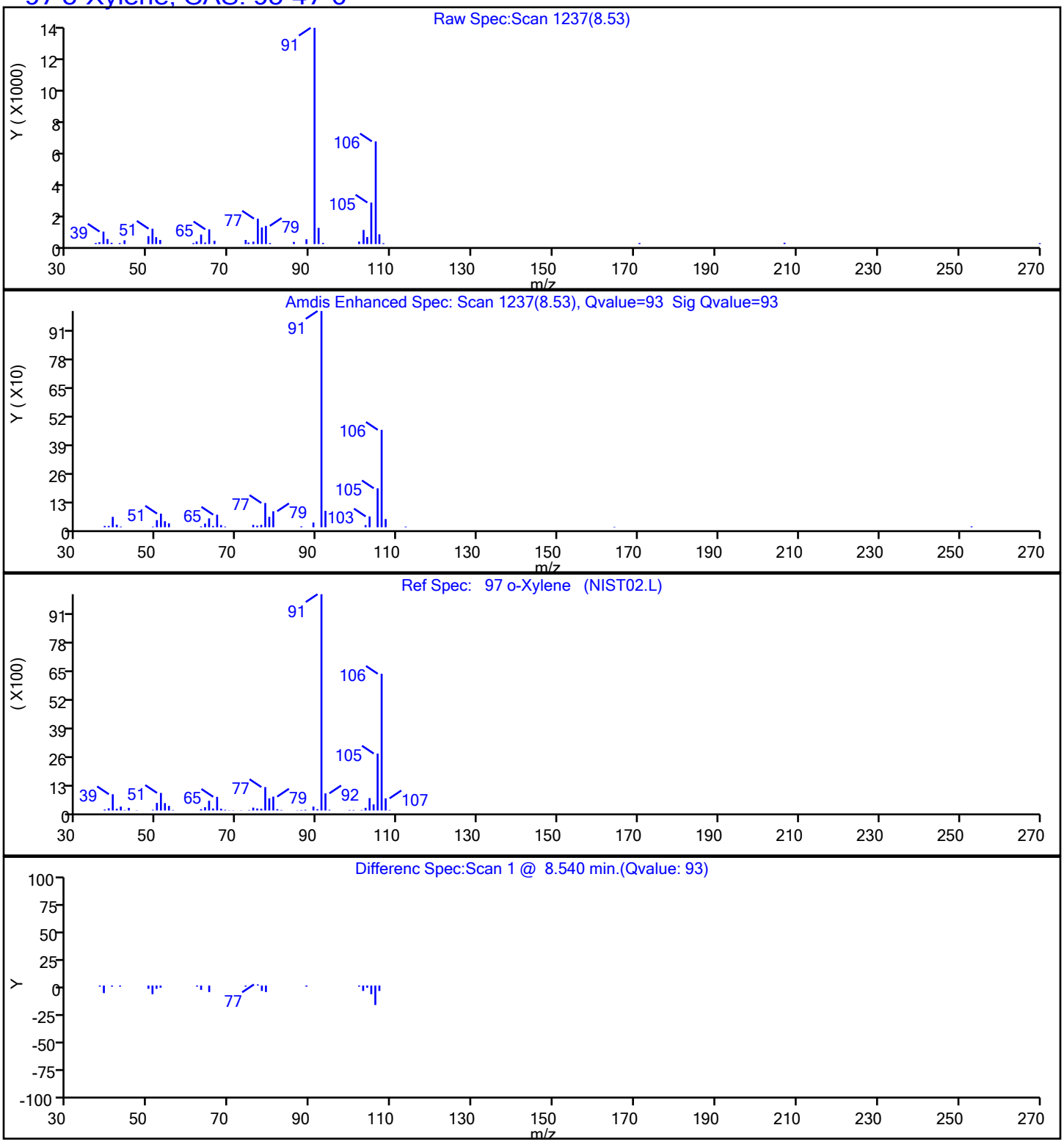
Report Date: 17-Aug-2025 13:03:25 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21536.D

| | | | |
|---|---|---|---|
| Injection Date: | 16-Aug-2025 18:48:30 | Instrument ID: | CVOAMS8 |
| Lims ID: | 460-332739-A-8 | Lab Sample ID: | 460-332739-8 |
| Client ID: | HHMW-09S1 | | |
| Operator ID: | | ALS Bottle#: | 29 Worklist Smp#: 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 97 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: FB-20250812 | Lab Sample ID: 460-332739-9

Matrix: Water | Lab File ID: J21527.D

Analysis Method: 8260D | Date Collected: 08/12/2025 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 15:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 97 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 97 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 85 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21527.D
Lims ID: 460-332739-A-9
Client ID: FB-20250812
Sample Type: Client
Inject. Date: 16-Aug-2025 15:24:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-9
Misc. Info.: 460-0194998-020
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:01:52

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.251 | 2.251 | 0.000 | 75 | 171886 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.121 | 3.121 | 0.000 | 89 | 171310 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.541 | 3.535 | 0.006 | 96 | 150130 | 48.6 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.857 | 3.857 | 0.000 | 0 | 112209 | 48.3 | |
| * 64 Fluorobenzene | 96 | 4.113 | 4.107 | 0.006 | 100 | 542295 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.806 | 4.806 | 0.000 | 0 | 16050 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.792 | 5.786 | 0.006 | 99 | 341667 | 42.7 | |
| * 92 Chlorobenzene-d5 | 117 | 7.745 | 7.744 | 0.001 | 82 | 370482 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.138 | 9.131 | 0.007 | 98 | 99065 | 48.4 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.202 | 10.202 | 0.000 | 94 | 181700 | 50.0 | |

## Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

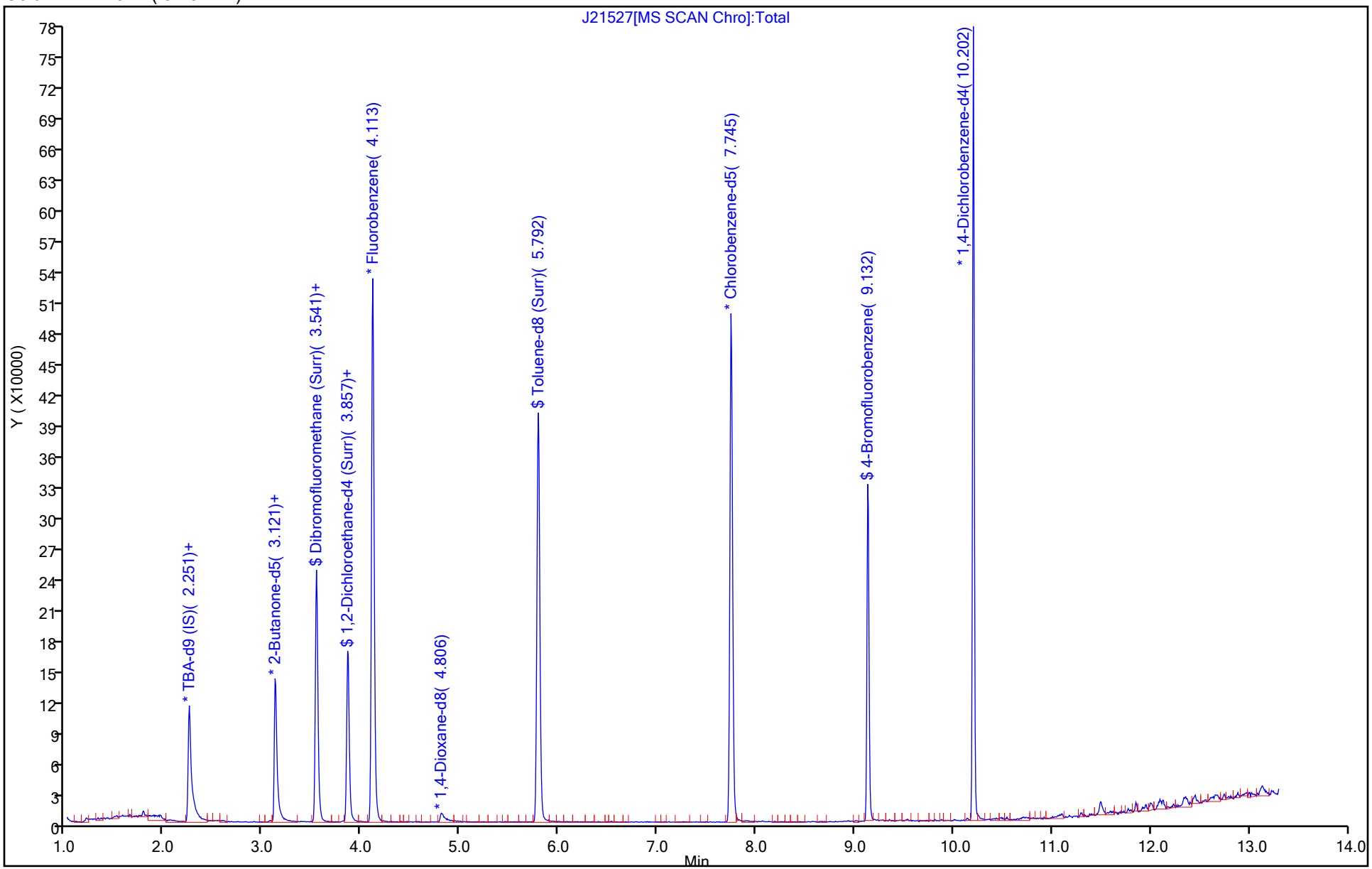
Report Date: 17-Aug-2025 13:01:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21527.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 15:24:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-9 | Lab Sample ID: | 460-332739-9 | Worklist Smp#: | 20 |
| Client ID: | FB-20250812 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21527.D
Lims ID: 460-332739-A-9
Client ID: FB-20250812
Sample Type: Client
Inject. Date: 16-Aug-2025 15:24:30 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-9
Misc. Info.: 460-0194998-020
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:01:52

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 48.6 | 97.23 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.3 | 96.51 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 42.7 | 85.41 |
| $ 103 4-Bromofluorobenzene | 50.0 | 48.4 | 96.86 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: TB-20250812 | Lab Sample ID: 460-332739-10

Matrix: Water | Lab File ID: J21528.D

Analysis Method: 8260D | Date Collected: 08/12/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 15:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 94 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 102 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 108 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 100 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21528.D
Lims ID: 460-332739-A-10
Client ID: TB-20250812
Sample Type: Client
Inject. Date: 16-Aug-2025 15:46:30 ALS Bottle#: 21 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-10
Misc. Info.: 460-0194998-021
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:01:57

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.257 | 2.251 | 0.006 | 74 | 184410 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.127 | 3.121 | 0.006 | 89 | 141155 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.540 | 3.535 | 0.005 | 96 | 150578 | 53.9 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.863 | 3.857 | 0.006 | 0 | 98728 | 46.9 | |
| * 64 Fluorobenzene | 96 | 4.112 | 4.107 | 0.005 | 100 | 490866 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.818 | 4.806 | 0.012 | 0 | 16361 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.791 | 5.786 | 0.005 | 99 | 311583 | 49.9 | |
| * 92 Chlorobenzene-d5 | 117 | 7.750 | 7.744 | 0.006 | 82 | 289327 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.137 | 9.131 | 0.006 | 97 | 81361 | 50.9 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.202 | 10.202 | 0.000 | 93 | 149235 | 50.0 | |

## Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

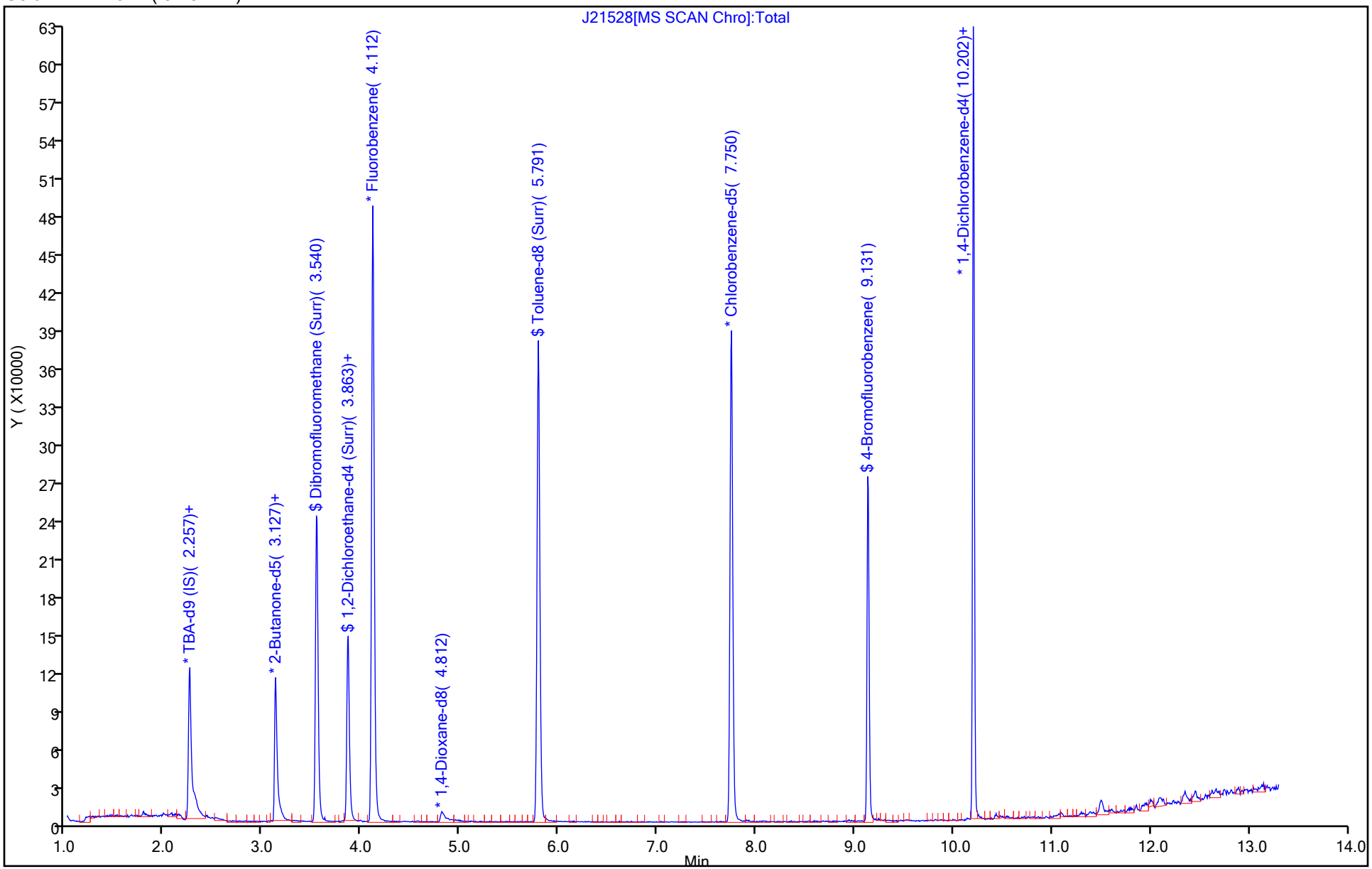
Report Date: 17-Aug-2025 13:01:57 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21528.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 15:46:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-10 | Lab Sample ID: | 460-332739-10 | Worklist Smp#: | 21 |
| Client ID: | TB-20250812 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21528.D
Lims ID: 460-332739-A-10
Client ID: TB-20250812
Sample Type: Client
Inject. Date: 16-Aug-2025 15:46:30 ALS Bottle#: 21 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-10
Misc. Info.: 460-0194998-021
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:01:57

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 53.9 | 107.73 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 46.9 | 93.81 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 49.9 | 99.73 |
| $ 103 4-Bromofluorobenzene | 50.0 | 50.9 | 101.86 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: DUP-01 | Lab Sample ID: 460-332739-11

Matrix: Water | Lab File ID: J21537.D

Analysis Method: 8260D | Date Collected: 08/12/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 19:11

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) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 114 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 109 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 92 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21537.D
Lims ID: 460-332739-A-11
Client ID: DUP-01
Sample Type: Client
Inject. Date: 16-Aug-2025 19:11:30 ALS Bottle#: 30 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-11
Misc. Info.: 460-0194998-030
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:31

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.251 | 2.251 | 0.000 | 74 | 153390 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.127 | 3.121 | 0.006 | 89 | 130298 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.541 | 3.535 | 0.006 | 97 | 141863 | 54.4 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.863 | 3.857 | 0.006 | 0 | 94675 | 48.2 | |
| * 64 Fluorobenzene | 96 | 4.112 | 4.107 | 0.005 | 100 | 457655 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.812 | 4.806 | 0.006 | 0 | 16127 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.791 | 5.786 | 0.005 | 99 | 283541 | 46.0 | |
| * 92 Chlorobenzene-d5 | 117 | 7.750 | 7.744 | 0.006 | 82 | 285666 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.137 | 9.131 | 0.006 | 96 | 90193 | 57.2 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.208 | 10.202 | 0.006 | 93 | 151311 | 50.0 | |

## Reagents:

8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

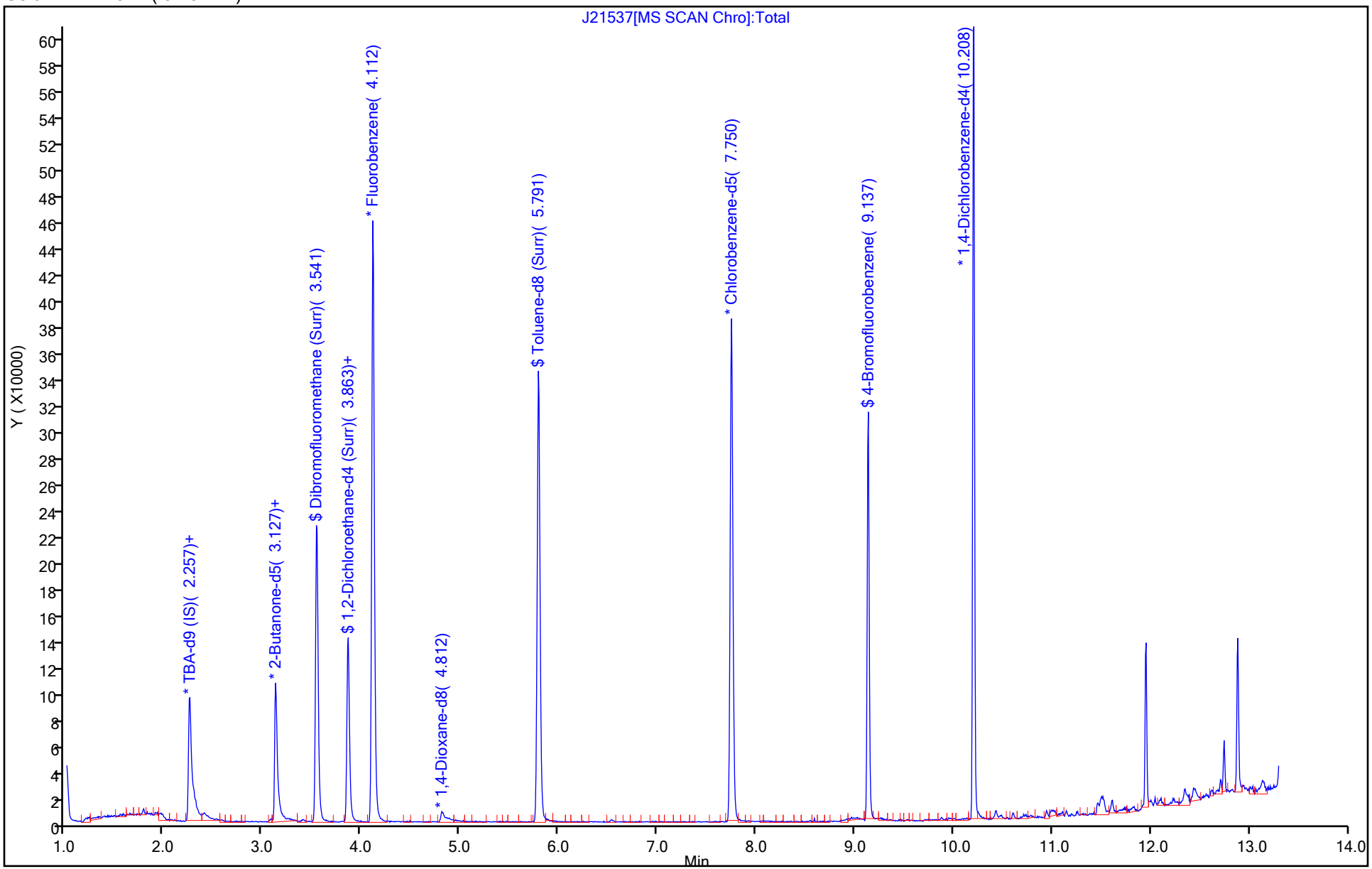
Report Date: 17-Aug-2025 13:03:31 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21537.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 19:11:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-11 | Lab Sample ID: | 460-332739-11 | Worklist Smp#: | 30 |
| Client ID: | DUP-01 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 30 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21537.D
Lims ID: 460-332739-A-11
Client ID: DUP-01
Sample Type: Client
Inject. Date: 16-Aug-2025 19:11:30 ALS Bottle#: 30 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-11
Misc. Info.: 460-0194998-030
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:02:42 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:03:31

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 54.4 | 108.86 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.2 | 96.49 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 46.0 | 91.92 |
| $ 103 4-Bromofluorobenzene | 50.0 | 57.2 | 114.37 |

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

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD8 460-1052136/4 | J20684.D |
| Level 2 | STD9 460-1052136/3 | J20683.D |
| Level 3 | STD1 460-1052136/6 | J20686.D |
| Level 4 | STD5 460-1052136/7 | J20687.D |
| Level 5 | STD20 460-1052136/8 | J20688.D |
| Level 6 | STD50 460-1052136/9 | J20689.D |
| Level 7 | STD200 460-1052136/10 | J20690.D |
| Level 8 | STD500 460-1052136/11 | J20691.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 | +++++ 0.0296 | +++++ 0.0271 | 0.0168 0.0261 | 0.0279 | 0.0314 | Ave | | 0.0265 | | | | 19.3 | | 20.0 | | | |
| Dichlorodifluoromethane | +++++ 0.3730 | +++++ 0.3513 | 0.2691 0.3375 | 0.3021 | 0.4073 | Ave | | 0.3400 | | | 0.1000 | 14.5 | | 20.0 | | | |
| Chlorodifluoromethane | +++++ 0.0376 | +++++ 0.0330 | 0.0400 0.0317 | 0.0368 | 0.0418 | Ave | | 0.0368 | | | | 10.6 | | 20.0 | | | |
| Chloromethane | +++++ 0.2341 | +++++ 0.2123 | 0.2310 0.2140 | 0.1997 | 0.2532 | Ave | | 0.2241 | | | 0.0050 | 8.5 | | 20.0 | | | |
| Vinyl chloride | +++++ 0.2056 | +++++ 0.1919 | 0.1688 0.1939 | 0.1624 | 0.2259 | Ave | | 0.1914 | | | 0.0050 | 12.3 | | 20.0 | | | |
| Butadiene | +++++ 0.1781 | +++++ 0.1646 | 0.1261 0.1629 | 0.1352 | 0.2022 | Ave | | 0.1615 | | | | 17.3 | | 20.0 | | | |
| Bromomethane | +++++ 0.1952 | +++++ 0.1867 | 0.1876 0.1686 | 0.1822 | 0.2140 | Ave | | 0.1891 | | | 0.0050 | 8.0 | | 20.0 | | | |
| Chloroethane | +++++ 0.1008 | +++++ 0.0935 | 0.1107 0.0843 | 0.0968 | 0.1137 | Ave | | 0.1000 | | | 0.0050 | 11.0 | | 20.0 | | | |
| Trichlorofluoromethane | +++++ 0.3502 | +++++ 0.3121 | 0.2471 0.2912 | 0.2938 | 0.3883 | Ave | | 0.3138 | | | 0.1000 | 15.8 | | 20.0 | | | |
| Dichlorofluoromethane | +++++ 0.3535 | +++++ 0.3175 | 0.2968 0.3034 | 0.3128 | 0.3874 | Ave | | 0.3286 | | | | 10.6 | | 20.0 | | | |
| Pentane | +++++ 0.1377 | +++++ 0.1243 | 0.1179 0.0979 | 0.1222 | 0.1608 | Ave | | 0.1268 | | | | 16.6 | | 20.0 | | | |
| Ethanol | +++++ 0.0292 | +++++ 0.0287 | 0.0372 0.0301 | 0.0280 | 0.0326 | Ave | | 0.0309 | | | | 11.1 | | 20.0 | | | |
| Ethyl ether | +++++ 0.1449 | +++++ 0.1357 | 0.2400 0.1240 | 0.1571 | 0.1569 | Lin2 | 0.1025 | 0.1380 | | | | | | | 0.9950 | | 0.9900 |

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.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

| 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 | | | | | | | | |
| 2-Methyl-1,3-butadiene | +++++ 0.1525 | +++++ 0.1397 | 0.1202 0.1261 | 0.1313 | 0.1725 | Ave | | 0.1404 | | | | 13.8 | | 20.0 | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | +++++ 0.2314 | +++++ 0.2023 | 0.2216 0.1861 | 0.2006 | 0.2178 | Ave | | 0.2100 | | | | 7.9 | | 20.0 | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | +++++ 0.3135 | +++++ 0.2692 | 0.2961 0.2690 | 0.2832 | 0.3252 | Ave | | 0.2927 | | | | 8.0 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | +++++ 0.1977 | +++++ 0.1474 | 0.1622 0.1768 | 0.1623 | 0.1993 | Ave | | 0.1743 | | | 0.1000 | 12.0 | | 20.0 | | | |
| Acrolein | +++++ 1.3419 | +++++ 1.3096 | 1.8409 1.3625 | 1.4028 | 1.6550 | Ave | | 1.4855 | | | | 14.4 | | 20.0 | | | |
| 1,1-Dichloroethene | +++++ 0.2262 | +++++ 0.2119 | 0.2251 0.2075 | 0.1858 | 0.2557 | Ave | | 0.2187 | | | 0.1000 | 10.7 | | 20.0 | | | |
| Acetone | +++++ 0.6232 | +++++ 0.6731 | 0.7365 0.6724 | 0.6523 | 0.5964 | Ave | | 0.6590 | | | 0.0010 | 7.3 | | 20.0 | | | |
| Iodomethane | +++++ 0.5766 | +++++ 0.5515 | 0.6007 0.5236 | 0.5513 | 0.6067 | Ave | | 0.5684 | | | | 5.7 | | 20.0 | | | |
| Isopropyl alcohol | +++++ 0.4793 | +++++ 0.5378 | 0.6228 0.4941 | 0.5313 | 0.5390 | Ave | | 0.5340 | | | | 9.4 | | 20.0 | | | |
| Carbon disulfide | +++++ 0.7505 | +++++ 0.7618 | 0.8476 0.7308 | 0.7401 | 0.8219 | Ave | | 0.7755 | | | 0.1000 | 6.2 | | 20.0 | | | |
| 3-Chloro-1-propene | +++++ 0.2092 | +++++ 0.2292 | 0.1339 0.2382 | 0.1961 | 0.1802 | Ave | | 0.1978 | | | | 19.1 | | 20.0 | | | |
| Methyl acetate | +++++ 7.5669 | +++++ 7.7246 | 7.3779 7.3247 | 7.5011 | 7.0571 | Ave | | 7.4254 | | | 0.0500 | 3.1 | | 20.0 | | | |
| Cyclopentene | +++++ 0.7173 | +++++ 0.6475 | 0.5931 0.5564 | 0.6215 | 0.6511 | Ave | | 0.6311 | | | | 8.7 | | 20.0 | | | |
| Acetonitrile | +++++ 1.3201 | +++++ 1.2475 | 0.9910 0.7598 | 1.2625 | 1.2914 | Ave | | 1.1454 | | | | 19.5 | | 20.0 | | | |
| Methylene Chloride | +++++ 0.3160 | +++++ 0.2773 | 0.3331 0.2599 | 0.2997 | 0.3055 | Ave | | 0.2986 | | | 0.1000 | 8.8 | | 20.0 | | | |
| 2-Methyl-2-propanol | +++++ 0.9972 | +++++ 0.9729 | 1.0428 0.9467 | 1.0032 | 1.0227 | Ave | | 0.9976 | | | | 3.4 | | 20.0 | | | |
| Methyl tert-butyl ether | +++++ 0.6958 | +++++ 0.6444 | 0.6542 0.5891 | 0.6670 | 0.6759 | Ave | | 0.6544 | | | 0.1000 | 5.6 | | 20.0 | | | |
| trans-1,2-Dichloroethene | +++++ 0.3386 | +++++ 0.3074 | 0.3167 0.2841 | 0.3114 | 0.3483 | Ave | | 0.3178 | | | 0.1000 | 7.2 | | 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.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

| 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 | | | | | | | | |
| Acrylonitrile | 3.7164 4.2093 | +++++ 4.1064 | 4.2248 3.9677 | 4.2412 | 4.7845 | Ave | | 4.1786 | | | | 7.8 | | 20.0 | | | |
| Hexane | +++++ 0.1327 | +++++ 0.1248 | 0.1052 0.1187 | 0.1125 | 0.1252 | Ave | | 0.1198 | | | | 8.3 | | 20.0 | | | |
| Isopropyl ether | +++++ 0.6365 | +++++ 0.6222 | 0.6311 0.5481 | 0.6181 | 0.6599 | Ave | | 0.6193 | | | | 6.1 | | 20.0 | | | |
| 1,1-Dichloroethane | +++++ 0.4817 | +++++ 0.4578 | 0.4568 0.4187 | 0.4603 | 0.5070 | Ave | | 0.4637 | | | 0.2000 | 6.3 | | 20.0 | | | |
| Vinyl acetate | +++++ 0.3928 | +++++ 0.3902 | 0.3068 0.3746 | 0.3435 | 0.3751 | Ave | | 0.3638 | | | | 9.1 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | +++++ 0.2639 | +++++ 0.2485 | 0.2356 0.2375 | 0.2385 | 0.2719 | Ave | | 0.2493 | | | | 6.1 | | 20.0 | | | |
| Tert-butyl ethyl ether | +++++ 0.6687 | +++++ 0.6446 | 0.6267 0.5916 | 0.6463 | 0.7076 | Ave | | 0.6476 | | | | 6.0 | | 20.0 | | | |
| 2,2-Dichloropropane | +++++ 0.0992 | +++++ 0.0928 | 0.1269 0.0874 | 0.0990 | 0.1070 | Ave | | 0.1020 | | | | 13.6 | | 20.0 | | | |
| cis-1,2-Dichloroethene | +++++ 0.3562 | +++++ 0.3291 | 0.3630 0.3132 | 0.3438 | 0.3702 | Ave | | 0.3459 | | | 0.1000 | 6.3 | | 20.0 | | | |
| 2-Butanone (MEK) | +++++ 0.3193 | +++++ 0.3118 | 0.3435 0.3105 | 0.3623 | 0.3031 | Ave | | 0.3251 | | | 0.0100 | 7.1 | | 20.0 | | | |
| Ethyl acetate | +++++ 0.3091 | +++++ 0.3051 | 0.2819 0.2983 | 0.3006 | 0.2969 | Ave | | 0.2986 | | | | 3.1 | | 20.0 | | | |
| Methyl acrylate | +++++ 0.1781 | +++++ 0.1831 | 0.1408 0.1741 | 0.1500 | 0.1629 | Ave | | 0.1648 | | | | 10.1 | | 20.0 | | | |
| Propionitrile | +++++ 1.4215 | +++++ 1.5295 | 1.2081 1.5052 | 1.3979 | 1.5573 | Ave | | 1.4366 | | | | 8.9 | | 20.0 | | | |
| Chlorobromomethane | +++++ 0.1940 | +++++ 0.1864 | 0.2071 0.1720 | 0.1899 | 0.2040 | Ave | | 0.1922 | | | | 6.6 | | 20.0 | | | |
| Tetrahydrofuran | +++++ 0.4095 | +++++ 0.3693 | 0.5069 0.3457 | 0.3954 | 0.4050 | Ave | | 0.4053 | | | | 13.6 | | 20.0 | | | |
| Methacrylonitrile | +++++ 0.0999 | +++++ 0.0960 | 0.0985 0.0807 | 0.1002 | 0.0959 | Ave | | 0.0952 | | | | 7.7 | | 20.0 | | | |
| Chloroform | +++++ 0.5293 | +++++ 0.4949 | 0.5606 0.4608 | 0.5123 | 0.5562 | Ave | | 0.5190 | | | 0.2000 | 7.3 | | 20.0 | | | |
| Cyclohexane | +++++ 0.2096 | +++++ 0.1890 | 0.1692 0.1821 | 0.1816 | 0.2192 | Ave | | 0.1918 | | | 0.1000 | 9.8 | | 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.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

| 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-Trichloroethane | +++++ 0.3840 | +++++ 0.3531 | 0.3419 0.3390 | 0.3601 | 0.3940 | Ave | | 0.3620 | | | 0.1000 | 6.2 | | 20.0 | | | |
| Carbon tetrachloride | +++++ 0.3475 | +++++ 0.3117 | 0.2834 0.2977 | 0.2913 | 0.3559 | Ave | | 0.3146 | | | 0.1000 | 9.6 | | 20.0 | | | |
| 1,1-Dichloropropene | +++++ 0.3605 | +++++ 0.3328 | 0.3217 0.3275 | 0.3105 | 0.3638 | Ave | | 0.3361 | | | | 6.4 | | 20.0 | | | |
| Isobutyl alcohol | +++++ 0.3711 | +++++ 0.4032 | 0.1020 0.3925 | 0.2287 | 0.3799 | Lin | -7.991 | 0.3946 | | | | | | | 1.0000 | | 0.9900 |
| Isooctane | +++++ 0.2424 | +++++ 0.2236 | 0.2364 0.2046 | 0.2090 | 0.2545 | Ave | | 0.2284 | | | | 8.5 | | 20.0 | | | |
| Benzene | +++++ 1.5778 | 1.7977 1.4520 | 1.7123 1.4471 | 1.6015 | 1.6420 | Ave | | 1.6043 | | | 0.5000 | 8.0 | | 20.0 | | | |
| Isopropyl acetate | +++++ 0.5360 | +++++ 0.5307 | 0.4729 0.4874 | 0.5185 | 0.5278 | Ave | | 0.5122 | | | | 5.1 | | 20.0 | | | |
| Tert-amyl methyl ether | +++++ 0.1450 | +++++ 0.1287 | 0.1883 +++++ | 0.2012 | 0.1572 | Ave | | 0.1641 | | | | 18.4 | | 20.0 | | | |
| 1,2-Dichloroethane | +++++ 0.3020 | 0.3607 0.2927 | 0.3054 0.2758 | 0.2938 | 0.3006 | Ave | | 0.3044 | | | 0.1000 | 8.8 | | 20.0 | | | |
| n-Heptane | +++++ 0.0642 | +++++ 0.0615 | 0.0534 0.0611 | 0.0499 | 0.0554 | Ave | | 0.0576 | | | | 9.6 | | 20.0 | | | |
| n-Butanol | +++++ 0.1583 | +++++ 0.2152 | +++++ 0.2236 | +++++ | 0.1092 | Ave | | 0.1766 | | | | 30.3 | * | 20.0 | | | |
| Trichloroethene | +++++ 0.3062 | 0.3093 0.2885 | 0.2812 0.2789 | 0.2784 | 0.2966 | Ave | | 0.2913 | | | 0.2000 | 4.4 | | 20.0 | | | |
| Methylcyclohexane | +++++ 0.1897 | +++++ 0.1679 | 0.1467 0.1590 | 0.1531 | 0.1925 | Ave | | 0.1682 | | | 0.1000 | 11.4 | | 20.0 | | | |
| Ethyl acrylate | +++++ 0.3243 | +++++ 0.3366 | 0.1036 0.3153 | 0.2652 | 0.2977 | Lin2 | -0.220 | 0.3205 | | | | | | | 0.9990 | | 0.9900 |
| 1,2-Dichloropropane | +++++ 0.2399 | 0.2054 0.2343 | 0.2350 0.2162 | 0.2127 | 0.2292 | Ave | | 0.2247 | | | 0.1000 | 5.9 | | 20.0 | | | |
| Methyl methacrylate | +++++ 0.0527 | +++++ 0.0565 | 0.0379 0.0541 | 0.0446 | 0.0473 | Ave | | 0.0489 | | | | 14.2 | | 20.0 | | | |
| 1,4-Dioxane | +++++ 1.1655 | +++++ 1.7026 | 0.8232 1.9374 | 1.1220 | 1.1600 | QuaF | | 1.4786 | 0.0000461 | | | | | | 0.9990 | | 0.9900 |
| Dibromomethane | +++++ 0.2086 | +++++ 0.2034 | 0.2003 0.1900 | 0.1968 | 0.2120 | Ave | | 0.2019 | | | | 4.0 | | 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.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

| 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 | +++++ 0.2129 | +++++ 0.2268 | 0.1482 0.2158 | 0.1847 | 0.1835 | Ave | | 0.1953 | | | | 14.8 | | 20.0 | | | |
| Dichlorobromomethane | +++++ 0.3430 | 0.2862 0.3462 | 0.2882 0.3293 | 0.3182 | 0.3371 | Ave | | 0.3212 | | | 0.2000 | 7.8 | | 20.0 | | | |
| 2-Nitropropane | +++++ 1.8004 | +++++ 2.1105 | 1.6723 2.0728 | 1.7245 | 1.8674 | Ave | | 1.8746 | | | | 9.7 | | 20.0 | | | |
| 2-Chloroethyl vinyl ether | +++++ 0.1278 | +++++ 0.1411 | 0.1005 0.1338 | 0.1003 | 0.1137 | Ave | | 0.1195 | | | | 14.5 | | 20.0 | | | |
| Epichlorohydrin | 0.1359 0.2216 | +++++ 0.2308 | 0.1667 0.2276 | 0.1881 | 0.2152 | Ave | | 0.1980 | | | | 18.1 | | 20.0 | | | |
| cis-1,3-Dichloropropene | +++++ 0.5790 | 0.5027 0.5658 | 0.5611 0.6082 | 0.5399 | 0.5618 | Ave | | 0.5598 | | | 0.2000 | 5.8 | | 20.0 | | | |
| 4-Methyl-2-pentanone (MIBK) | +++++ 1.9950 | +++++ 1.8340 | 1.6231 1.7312 | 1.9650 | 2.0236 | Ave | | 1.8620 | | | 0.0500 | 8.6 | | 20.0 | | | |
| Toluene | +++++ 1.3677 | +++++ 1.3554 | 1.4172 1.3824 | 1.3665 | 1.3785 | Ave | | 1.3779 | | | 0.4000 | 1.6 | | 20.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.4504 | 0.3914 0.4744 | 0.3846 0.4792 | 0.4152 | 0.4122 | Ave | | 0.4296 | | | 0.1000 | 9.0 | | 20.0 | | | |
| Ethyl methacrylate | +++++ 0.2194 | +++++ 0.2322 | 0.1572 0.2200 | 0.1798 | 0.1894 | Ave | | 0.1997 | | | | 14.4 | | 20.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.2846 | 0.3078 0.2806 | 0.2948 0.2832 | 0.2766 | 0.2696 | Ave | | 0.2853 | | | 0.1000 | 4.4 | | 20.0 | | | |
| Tetrachloroethene | +++++ 0.3077 | 0.3891 0.3020 | 0.3229 0.3080 | 0.3049 | 0.3083 | Ave | | 0.3204 | | | 0.2000 | 9.7 | | 20.0 | | | |
| 1,3-Dichloropropane | +++++ 0.4543 | +++++ 0.4594 | 0.4506 0.4538 | 0.4409 | 0.4412 | Ave | | 0.4500 | | | | 1.7 | | 20.0 | | | |
| 2-Hexanone | +++++ 0.7273 | +++++ 0.7562 | 0.4689 0.7061 | 0.6337 | 0.6826 | Ave | | 0.6624 | | | 0.0500 | 15.6 | | 20.0 | | | |
| n-Butyl acetate | +++++ 0.3118 | +++++ 0.3156 | 0.2466 0.3118 | 0.2691 | 0.2707 | Ave | | 0.2876 | | | | 10.2 | | 20.0 | | | |
| Chlorodibromomethane | +++++ 0.4180 | 0.3125 0.4270 | 0.3742 0.4399 | 0.4070 | 0.4076 | Ave | | 0.3981 | | | 0.1000 | 10.8 | | 20.0 | | | |
| Ethylene Dibromide | +++++ 0.3741 | +++++ 0.3848 | 0.3540 0.3867 | 0.3729 | 0.3661 | Ave | | 0.3731 | | | 0.1000 | 3.3 | | 20.0 | | | |
| Chlorobenzene | +++++ 0.9016 | +++++ 0.8874 | 0.8637 0.8723 | 0.8634 | 0.9005 | Ave | | 0.8815 | | | 0.5000 | 2.0 | | 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.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

| 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 | | | | | | | | |
| Ethylbenzene | +++++ 0.3772 | +++++ 0.3485 | 0.3633 0.3554 | 0.3555 | 0.3814 | Ave | | 0.3635 | | | 0.1000 | 3.6 | | 20.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.3726 | +++++ 0.3465 | 0.3690 0.3437 | 0.3683 | 0.3970 | Ave | | 0.3662 | | | | 5.3 | | 20.0 | | | |
| m-Xylene & p-Xylene | +++++ 0.4497 | +++++ 0.4227 | 0.4309 0.4275 | 0.4191 | 0.4451 | Ave | | 0.4325 | | | 0.1000 | 2.9 | | 20.0 | | | |
| o-Xylene | +++++ 0.4851 | +++++ 0.4572 | 0.4925 0.4389 | 0.4769 | 0.5003 | Ave | | 0.4751 | | | 0.3000 | 4.9 | | 20.0 | | | |
| n-Butyl acrylate | +++++ 0.2025 | +++++ 0.2024 | 0.1518 0.1858 | 0.1946 | 0.1880 | Ave | | 0.1875 | | | | 10.0 | | 20.0 | | | |
| Styrene | +++++ 0.7584 | +++++ 0.7815 | 0.6483 0.7575 | 0.6924 | 0.7408 | Ave | | 0.7298 | | | 0.3000 | 6.8 | | 20.0 | | | |
| Bromoform | +++++ 0.2450 | +++++ 0.2561 | 0.2189 0.2725 | 0.2181 | 0.2323 | Ave | | 0.2405 | | | 0.1000 | 9.0 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | +++++ 0.8686 | +++++ 0.8727 | 0.7991 0.7886 | 0.8579 | 0.8608 | Ave | | 0.8413 | | | | 4.4 | | 20.0 | | | |
| (-)-a-Pinene | +++++ 0.2284 | +++++ 0.2303 | 0.1886 0.2319 | 0.1777 | 0.2265 | Ave | | 0.2139 | | | | 11.3 | | 20.0 | | | |
| Isopropylbenzene | +++++ 0.8651 | +++++ 0.7650 | 0.7812 0.7241 | 0.8207 | 0.9137 | Ave | | 0.8116 | | | 0.1000 | 8.6 | | 20.0 | | | |
| Bromobenzene | +++++ 0.8459 | +++++ 0.8424 | 0.9426 0.8493 | 0.8021 | 0.8417 | Ave | | 0.8540 | | | | 5.5 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 0.9487 | 0.9332 0.9160 | 0.8831 0.8890 | 0.9182 | 0.9829 | Ave | | 0.9245 | | | 0.3000 | 3.7 | | 20.0 | | | |
| N-Propylbenzene | +++++ 2.1239 | +++++ 1.9436 | 1.9103 1.8547 | 1.8787 | 2.1467 | Ave | | 1.9763 | | | | 6.4 | | 20.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.2228 | +++++ 0.2173 | 0.2552 0.2219 | 0.2253 | 0.2327 | Ave | | 0.2292 | | | | 6.0 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | +++++ 0.1420 | +++++ 0.1435 | 0.0967 0.1540 | 0.1057 | 0.1227 | Ave | | 0.1275 | | | | 18.0 | | 20.0 | | | |
| 2-Chlorotoluene | +++++ 1.7880 | +++++ 1.6848 | 1.7649 1.6285 | 1.6632 | 1.8583 | Ave | | 1.7313 | | | | 5.0 | | 20.0 | | | |
| 4-Ethyltoluene | +++++ 1.8344 | +++++ 1.7178 | 1.6934 1.6201 | 1.6115 | 1.8314 | Ave | | 1.7181 | | | | 5.7 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 1.5540 | +++++ 1.4586 | 1.4121 1.4307 | 1.4010 | 1.6432 | Ave | | 1.4833 | | | | 6.5 | | 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.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

| 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 | | | | | | | | |
| 4-Chlorotoluene | +++++ 1.7174 | +++++ 1.6648 | 1.7682 1.6421 | 1.5872 | 1.7319 | Ave | | 1.6853 | | | | 3.9 | | 20.0 | | | |
| Butyl Methacrylate | +++++ 0.8460 | +++++ 0.8235 | 0.5234 0.8236 | 0.6122 | 0.7405 | Ave | | 0.7282 | | | | 18.2 | | 20.0 | | | |
| tert-Butylbenzene | +++++ 1.2559 | +++++ 1.1847 | 1.0876 1.1543 | 1.0710 | 1.2196 | Ave | | 1.1622 | | | | 6.3 | | 20.0 | | | |
| 1,2,4-Trimethylbenzene | +++++ 1.6660 | +++++ 1.5562 | 1.5944 1.5243 | 1.4661 | 1.6960 | Ave | | 1.5838 | | | | 5.5 | | 20.0 | | | |
| sec-Butylbenzene | +++++ 1.6176 | +++++ 1.5433 | 1.5398 1.5937 | 1.4263 | 1.7023 | Ave | | 1.5705 | | | | 5.9 | | 20.0 | | | |
| 1,3-Dichlorobenzene | +++++ 1.0956 | +++++ 1.1024 | 1.1112 1.1200 | 1.0842 | 1.1358 | Ave | | 1.1082 | | | 0.6000 | 1.7 | | 20.0 | | | |
| 4-Isopropyltoluene | +++++ 1.4289 | +++++ 1.3914 | 1.3657 1.4129 | 1.2214 | 1.4560 | Ave | | 1.3794 | | | | 6.0 | | 20.0 | | | |
| 1,4-Dichlorobenzene | +++++ 1.1854 | +++++ 1.1408 | 1.1899 1.1347 | 1.1400 | 1.1761 | Ave | | 1.1611 | | | 0.5000 | 2.2 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | +++++ 1.9214 | +++++ 1.7953 | 1.8414 1.7410 | 1.7915 | 1.9043 | Ave | | 1.8325 | | | | 3.8 | | 20.0 | | | |
| Benzyl chloride | +++++ 1.3829 | +++++ 1.4394 | 1.0667 1.4370 | 1.1887 | 1.3307 | Ave | | 1.3076 | | | | 11.5 | | 20.0 | | | |
| Indan | +++++ 1.8901 | +++++ 1.8455 | 1.8365 1.8228 | 1.7660 | 1.9170 | Ave | | 1.8463 | | | | 2.9 | | 20.0 | | | |
| p-Diethylbenzene | +++++ 0.8043 | +++++ 0.7706 | 0.8031 0.8027 | 0.7410 | 0.8331 | Ave | | 0.7925 | | | | 4.0 | | 20.0 | | | |
| n-Butylbenzene | +++++ 0.6441 | +++++ 0.6119 | 0.6142 0.6566 | 0.5501 | 0.6709 | Ave | | 0.6246 | | | | 6.9 | | 20.0 | | | |
| 1,2-Dichlorobenzene | +++++ 1.2365 | +++++ 1.1983 | 1.2791 1.2388 | 1.1420 | 1.2862 | Ave | | 1.2301 | | | 0.4000 | 4.4 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | +++++ 1.4045 | +++++ 1.2907 | 1.3996 1.4863 | 1.3391 | 1.4503 | Ave | | 1.3951 | | | | 5.1 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | +++++ 0.2222 | +++++ 0.2267 | 0.2045 0.2519 | 0.2102 | 0.2254 | Ave | | 0.2235 | | | 0.0500 | 7.4 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | +++++ 0.5966 | +++++ 0.5697 | 0.6884 0.6255 | 0.5732 | 0.6486 | Ave | | 0.6170 | | | | 7.5 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | +++++ 0.6042 | +++++ 0.5781 | 0.6619 0.6013 | 0.5484 | 0.6121 | Ave | | 0.6010 | | | 0.2000 | 6.3 | | 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.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

| 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 | | | | | | | | |
| Hexachlorobutadiene | +++++<br>0.2080 | +++++<br>0.2019 | 0.2463<br>0.2222 | 0.1937 | 0.2206 | Ave | | 0.2155 | | | | 8.7 | | 20.0 | | | |
| Naphthalene | +++++<br>2.1076 | +++++<br>2.0049 | 2.8169<br>1.9824 | 2.1806 | 2.3442 | Ave | | 2.2395 | | | | 13.9 | | 20.0 | | | |
| 1,2,3-Trichlorobenzene | +++++<br>0.5415 | +++++<br>0.4818 | 0.5561<br>0.5231 | 0.5087 | 0.5707 | Ave | | 0.5303 | | | | 6.1 | | 20.0 | | | |
| Dibromofluoromethane (Surr) | 0.2688<br>0.3004 | 0.3061<br>0.2845 | 0.2881<br>0.2876 | 0.3021 | 0.2403 | Ave | | 0.2847 | | | | 7.6 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.2037<br>0.2236 | 0.2285<br>0.2253 | 0.2116<br>0.2190 | 0.2295 | 0.1740 | Ave | | 0.2144 | | | | 8.6 | | 20.0 | | | |
| Toluene-d8 (Surr) | 0.9970<br>1.0691 | 1.1813<br>1.0735 | 1.0833<br>1.1965 | 1.1682 | 0.8694 | Ave | | 1.0798 | | | | 10.1 | | 20.0 | | | |
| 4-Bromofluorobenzene | 0.2540<br>0.2797 | 0.2992<br>0.2780 | 0.2728<br>0.2935 | 0.3011 | 0.2302 | Ave | | 0.2761 | | | | 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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 | Calibration End Date: 07/26/2025 17:56 | Calibration ID: 101875

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD8 460-1052136/4 | J20684.D |
| Level 2 | STD9 460-1052136/3 | J20683.D |
| Level 3 | STD1 460-1052136/6 | J20686.D |
| Level 4 | STD5 460-1052136/7 | J20687.D |
| Level 5 | STD20 460-1052136/8 | J20688.D |
| Level 6 | STD50 460-1052136/9 | J20689.D |
| Level 7 | STD200 460-1052136/10 | J20690.D |
| Level 8 | STD500 460-1052136/11 | J20691.D |

| 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 |
| Chlorotrifluoroethene | FB | Ave | +++++ 15690 | +++++ 61081 | 176 157208 | 1494 | 6194 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Dichlorodifluoromethane | FB | Ave | +++++ 197434 | +++++ 790425 | 2824 2032564 | 16183 | 80388 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Chlorodifluoromethane | FB | Ave | +++++ 19907 | +++++ 74297 | 420 190977 | 1971 | 8245 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Chloromethane | FB | Ave | +++++ 123926 | +++++ 477723 | 2425 1289275 | 10701 | 49969 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Vinyl chloride | FB | Ave | +++++ 108844 | +++++ 431736 | 1772 1167620 | 8701 | 44593 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Butadiene | FB | Ave | +++++ 94258 | +++++ 370443 | 1324 981056 | 7245 | 39909 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Bromomethane | FB | Ave | +++++ 103341 | +++++ 420088 | 1969 1015583 | 9760 | 42244 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Chloroethane | FB | Ave | +++++ 53355 | +++++ 210334 | 1162 507900 | 5188 | 22450 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Trichlorofluoromethane | FB | Ave | +++++ 185377 | +++++ 702168 | 2593 1754079 | 15741 | 76633 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Dichlorofluoromethane | FB | Ave | +++++ 187142 | +++++ 714267 | 3115 1827278 | 16758 | 76462 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| Pentane | FB | Ave | +++++ 145804 | +++++ 559523 | 2475 1179575 | 13090 | 63462 | +++++ 100 | +++++ 400 | 2.00 1000 | 10.0 | 40.0 |
| Ethanol | TBAd9 | Ave | +++++ 13141 | +++++ 51054 | 313 136246 | 1215 | 4833 | +++++ 2000 | +++++ 8000 | 40.0 20000 | 200 | 800 |
| Ethyl ether | FB | Lin2 | +++++ 76724 | +++++ 305431 | 2519 746762 | 8417 | 30963 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| 2-Methyl-1,3-butadiene | FB | Ave | +++++ 80734 | +++++ 314323 | 1262 759632 | 7037 | 34040 | +++++ 50.0 | +++++ 200 | 1.00 500 | 5.00 | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | +++++ 122473 | +++++ 455273 | 2326 1121007 | 10745 | 42980 | +++++ 50.0 | +++++ 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.: 460-332739-1 | Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 | Calibration End Date: 07/26/2025 17:56 | Calibration ID: 101875

| 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>165953 | +++++<br>605739 | 3108<br>1619979 | 15171 | 64195 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | +++++<br>104630 | +++++<br>331733 | 1702<br>1064961 | 8693 | 39345 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acrolein | TBAd9 | Ave | +++++<br>30242 | +++++<br>58300 | 1550<br>123153 | 6093 | 12284 | +++++<br>100 | +++++<br>200 | 4.00<br>400 | 20.0 | 40.0 |
| 1,1-Dichloroethene | FB | Ave | +++++<br>119727 | +++++<br>476778 | 2363<br>1249892 | 9952 | 50470 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acetone | BUT | Ave | +++++<br>130998 | +++++<br>622455 | 3044<br>1624774 | 13563 | 43697 | +++++<br>250 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Iodomethane | FB | Ave | +++++<br>305204 | +++++<br>1240911 | 6305<br>3153928 | 29535 | 119753 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isopropyl alcohol | TBAd9 | Ave | +++++<br>54008 | +++++<br>239395 | 1311<br>558261 | 5769 | 20002 | +++++<br>500 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Carbon disulfide | FB | Ave | +++++<br>397277 | +++++<br>1713984 | 8896<br>4402006 | 39651 | 162227 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 3-Chloro-1-propene | FB | Ave | +++++<br>110724 | +++++<br>515749 | 1405<br>1434590 | 10505 | 35561 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methyl acetate | TBAd9 | Ave | +++++<br>170537 | +++++<br>687752 | 3106<br>1655202 | 16290 | 52379 | +++++<br>100 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Cyclopentene | FB | Ave | +++++<br>379699 | +++++<br>1456866 | 6225<br>3351066 | 33295 | 128514 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acetonitrile | TBAd9 | Ave | +++++<br>148753 | +++++<br>555342 | 2086<br>858513 | 13709 | 47927 | +++++<br>500 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Methylene Chloride | FB | Ave | +++++<br>167286 | +++++<br>623986 | 3496<br>1565628 | 16055 | 60290 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Methyl-2-propanol | TBAd9 | Ave | +++++<br>112371 | +++++<br>433110 | 2195<br>1069624 | 10893 | 37953 | +++++<br>500 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Methyl tert-butyl ether | FB | Ave | +++++<br>368331 | +++++<br>1449835 | 6866<br>3548141 | 35735 | 133400 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| trans-1,2-Dichloroethene | FB | Ave | +++++<br>179258 | +++++<br>691742 | 3324<br>1711487 | 16685 | 68739 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acrylonitrile | TBAd9 | Ave | 1561<br>474336 | +++++<br>1828075 | 8893<br>4483080 | 46053 | 177556 | 2.00<br>500 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Hexane | FB | Ave | +++++<br>70242 | +++++<br>280716 | 1104<br>715196 | 6025 | 24717 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isopropyl ether | FB | Ave | +++++<br>336942 | +++++<br>1399977 | 6624<br>3301410 | 33114 | 130243 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1-Dichloroethane | FB | Ave | +++++<br>254958 | +++++<br>1030072 | 4794<br>2521974 | 24663 | 100067 | +++++<br>50.0 | +++++<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.: 460-332739-1 | Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 | Calibration End Date: 07/26/2025 17:56 | Calibration ID: 101875

| 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 |
| Vinyl acetate | FB | Ave | +++++<br>415811 | +++++<br>1755840 | 6440<br>4513143 | 36804 | 148070 | +++++<br>100 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| 2-Chloro-1,3-butadiene | FB | Ave | +++++<br>139668 | +++++<br>559098 | 2473<br>1430309 | 12780 | 53669 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tert-butyl ethyl ether | FB | Ave | +++++<br>353969 | +++++<br>1450299 | 6578<br>3563485 | 34623 | 139654 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2,2-Dichloropropane | FB | Ave | +++++<br>52502 | +++++<br>208776 | 1332<br>526448 | 5302 | 21116 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| cis-1,2-Dichloroethene | FB | Ave | +++++<br>188557 | +++++<br>740541 | 3810<br>1886580 | 18420 | 73077 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Butanone (MEK) | BUT | Ave | +++++<br>67130 | +++++<br>288278 | 1420<br>750295 | 7534 | 22208 | +++++<br>250 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Ethyl acetate | BUT | Ave | +++++<br>25992 | +++++<br>112844 | 466<br>288354 | 2500 | 8701 | +++++<br>100 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Methyl acrylate | FB | Ave | +++++<br>94272 | +++++<br>411867 | 1478<br>1048453 | 8034 | 32145 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Propionitrile | TBAd9 | Ave | +++++<br>160180 | +++++<br>680882 | 2543<br>1700675 | 15179 | 57793 | +++++<br>500 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Chlorobromomethane | FB | Ave | +++++<br>102700 | +++++<br>419363 | 2174<br>1035832 | 10172 | 40262 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tetrahydrofuran | BUT | Ave | +++++<br>34437 | +++++<br>136615 | 838<br>334145 | 3289 | 11869 | +++++<br>100 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Methacrylonitrile | FB | Ave | +++++<br>528966 | +++++<br>2161091 | 10336<br>4862945 | 53700 | 189281 | +++++<br>500 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Chloroform | FB | Ave | +++++<br>280162 | +++++<br>1113573 | 5884<br>2775297 | 27447 | 109775 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Cyclohexane | FB | Ave | +++++<br>110924 | +++++<br>425237 | 1776<br>1096766 | 9731 | 43258 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,1-Trichloroethane | FB | Ave | +++++<br>203262 | +++++<br>794429 | 3588<br>2041671 | 19294 | 77774 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Carbon tetrachloride | FB | Ave | +++++<br>183951 | +++++<br>701306 | 2975<br>1792862 | 15608 | 70253 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1-Dichloropropene | FB | Ave | +++++<br>190809 | +++++<br>748854 | 3376<br>1972809 | 16636 | 71809 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isobutyl alcohol | TBAd9 | Lin | +++++<br>104550 | +++++<br>448780 | 537<br>1108795 | 6207 | 35242 | +++++<br>1250 | +++++<br>5000 | 25.0<br>12500 | 125 | 500 |
| Isooctane | FB | Ave | +++++<br>128327 | +++++<br>503163 | 2481<br>1232110 | 11199 | 50227 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Benzene | CBNZd5 | Ave | +++++<br>567088 | 2278<br>2278558 | 11233<br>5599300 | 53358 | 210352 | +++++<br>50.0 | 0.200<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.: 460-332739-1 | Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 | Calibration End Date: 07/26/2025 17:56 | Calibration ID: 101875

| 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>283739 | +++++<br>1194042 | 4963<br>2935922 | 27779 | 104179 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tert-amyl methyl ether | FB | Ave | +++++<br>76742 | +++++<br>289481 | 1976<br>+++++ | 10780 | 31034 | +++++<br>50.0 | +++++<br>200 | 1.00<br>+++++ | 5.00 | 20.0 |
| 1,2-Dichloroethane | FB | Ave | +++++<br>159848 | 750<br>658501 | 3205<br>1661511 | 15741 | 59334 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Heptane | FB | Ave | +++++<br>34009 | +++++<br>138288 | 560<br>368054 | 2673 | 10926 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Butanol | TBAd9 | Ave | +++++<br>44606 | +++++<br>239518 | +++++<br>631506 | +++++ | 10133 | +++++<br>1250 | +++++<br>5000 | +++++<br>12500 | +++++ | 500 |
| Trichloroethene | FB | Ave | +++++<br>162059 | 643<br>649203 | 2951<br>1679745 | 14913 | 58546 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methylcyclohexane | FB | Ave | +++++<br>100411 | +++++<br>377752 | 1540<br>957847 | 8203 | 38002 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethyl acrylate | FB | Lin2 | +++++<br>171657 | +++++<br>757255 | 1087<br>1899115 | 14210 | 58758 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dichloropropane | FB | Ave | +++++<br>126966 | 427<br>527277 | 2466<br>1302477 | 11396 | 45239 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methyl methacrylate | FB | Ave | +++++<br>55824 | +++++<br>254472 | 796<br>652056 | 4781 | 18667 | +++++<br>100 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| 1,4-Dioxane | DXE | QuaF | +++++<br>25952 | +++++<br>104907 | 853<br>284307 | 2321 | 8987 | +++++<br>1000 | +++++<br>4000 | 50.0<br>10000 | 100 | 400 |
| Dibromomethane | FB | Ave | +++++<br>110422 | +++++<br>457729 | 2102<br>1144168 | 10544 | 41850 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Propyl acetate | FB | Ave | +++++<br>112669 | +++++<br>510205 | 1555<br>1299799 | 9893 | 36222 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Dichlorobromomethane | FB | Ave | +++++<br>181588 | 595<br>778834 | 3025<br>1983461 | 17045 | 66531 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Nitropropane | TBAd9 | Ave | +++++<br>40577 | +++++<br>187909 | 704<br>468392 | 3745 | 13860 | +++++<br>100 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| 2-Chloroethyl vinyl ether | FB | Ave | +++++<br>67830 | +++++<br>318269 | 1057<br>807684 | 5387 | 22497 | +++++<br>50.1 | +++++<br>200 | 1.00<br>501 | 5.01 | 20.0 |
| Epichlorohydrin | BUT | Ave | 569<br>186347 | +++++<br>853574 | 2756<br>2199884 | 15644 | 63080 | 5.00<br>1000 | +++++<br>4000 | 20.0<br>10000 | 100 | 400 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>208107 | 637<br>887845 | 3681<br>2353392 | 17990 | 71975 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 4-Methyl-2-pentanone (MIBK) | BUT | Ave | +++++<br>419373 | +++++<br>1695873 | 6709<br>4183099 | 40859 | 148271 | +++++<br>250 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Toluene | CBNZd5 | Ave | +++++ | +++++ | 9297 | 45531 | 176594 | +++++ | +++++ | 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.: 460-332739-1 | Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 | Calibration End Date: 07/26/2025 17:56 | Calibration ID: 101875

| 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 |
| | | | 491581 | 2126921 | 5348884 | | | 50.0 | 200 | 500 | | |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>161888 | 496<br>744512 | 2523<br>1854078 | 13834 | 52803 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethyl methacrylate | FB | Ave | +++++<br>116131 | +++++<br>522368 | 1650<br>1325001 | 9632 | 37383 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | +++++<br>102306 | 390<br>440312 | 1934<br>1095955 | 9216 | 34536 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tetrachloroethene | CBNZd5 | Ave | +++++<br>110612 | 493<br>473945 | 2118<br>1191718 | 10160 | 39490 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,3-Dichloropropane | CBNZd5 | Ave | +++++<br>163301 | +++++<br>720891 | 2956<br>1756011 | 14689 | 56521 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Hexanone | BUT | Ave | +++++<br>152891 | +++++<br>699230 | 1938<br>1706066 | 13176 | 50017 | +++++<br>250 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| n-Butyl acetate | CBNZd5 | Ave | +++++<br>112068 | +++++<br>495305 | 1618<br>1206579 | 8966 | 34684 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Chlorodibromomethane | CBNZd5 | Ave | +++++<br>150257 | 396<br>670067 | 2455<br>1702203 | 13562 | 52219 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethylene Dibromide | CBNZd5 | Ave | +++++<br>134475 | +++++<br>603885 | 2322<br>1496297 | 12425 | 46895 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Chlorobenzene | CBNZd5 | Ave | +++++<br>324071 | +++++<br>1392600 | 5666<br>3375209 | 28767 | 115362 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethylbenzene | CBNZd5 | Ave | +++++<br>135589 | +++++<br>546820 | 2383<br>1375002 | 11846 | 48866 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,1,2-Tetrachloroethane | CBNZd5 | Ave | +++++<br>133921 | +++++<br>543791 | 2421<br>1329976 | 12271 | 50860 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| m-Xylene & p-Xylene | CBNZd5 | Ave | +++++<br>161649 | +++++<br>663250 | 2827<br>1654065 | 13964 | 57022 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| o-Xylene | CBNZd5 | Ave | +++++<br>174349 | +++++<br>717403 | 3231<br>1698306 | 15889 | 64098 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Butyl acrylate | CBNZd5 | Ave | +++++ | +++++ | 996 | 6484 | 24085 | +++++ | +++++ | 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.: 460-332739-1 | Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 | Calibration End Date: 07/26/2025 17:56 | Calibration ID: 101875

| 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 |
| | | | 72793 | 317596 | 718807 | | | 50.0 | 200 | 500 | | |
| Styrene | CBNZd5 | Ave | +++++<br>272583 | +++++<br>1226304 | 4253<br>2931066 | 23069 | 94907 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Bromoform | CBNZd5 | Ave | +++++<br>88077 | +++++<br>401895 | 1436<br>1054527 | 7266 | 29761 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Amyl acetate (mixed isomers) | DCBd4 | Ave | +++++<br>137342 | +++++<br>580346 | 2446<br>1330373 | 13562 | 47897 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| (-)-a-Pinene | CBNZd5 | Ave | +++++<br>82096 | +++++<br>361322 | 1237<br>897188 | 5922 | 29016 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isopropylbenzene | CBNZd5 | Ave | +++++<br>310945 | +++++<br>1200452 | 5125<br>2801653 | 27345 | 117047 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Bromobenzene | DCBd4 | Ave | +++++<br>133755 | +++++<br>560172 | 2885<br>1432698 | 12680 | 46831 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,2,2-Tetrachloroethane | DCBd4 | Ave | +++++<br>150016 | 556<br>609150 | 2703<br>1499673 | 14515 | 54685 | +++++<br>50.0 | 0.200<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| N-Propylbenzene | DCBd4 | Ave | +++++<br>335840 | +++++<br>1292461 | 5847<br>3128842 | 29697 | 119440 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,3-Trichloropropane | DCBd4 | Ave | +++++<br>35234 | +++++<br>144492 | 781<br>374260 | 3561 | 12947 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| trans-1,4-Dichloro-2-butene | DCBd4 | Ave | +++++<br>22460 | +++++<br>95449 | 296<br>259838 | 1671 | 6826 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Chlorotoluene | DCBd4 | Ave | +++++<br>282723 | +++++<br>1120378 | 5402<br>2747215 | 26291 | 103392 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 4-Ethyltoluene | DCBd4 | Ave | +++++<br>290055 | +++++<br>1142369 | 5183<br>2732975 | 25474 | 101900 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,3,5-Trimethylbenzene | DCBd4 | Ave | +++++<br>245728 | +++++<br>969949 | 4322<br>2413475 | 22147 | 91424 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 4-Chlorotoluene | DCBd4 | Ave | +++++<br>271557 | +++++<br>1107088 | 5412<br>2770078 | 25090 | 96363 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Butyl Methacrylate | DCBd4 | Ave | +++++<br>133776 | +++++<br>547619 | 1602<br>1389355 | 9677 | 41202 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| tert-Butylbenzene | DCBd4 | Ave | +++++<br>198585 | +++++<br>787827 | 3329<br>1947281 | 16930 | 67859 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,4-Trimethylbenzene | DCBd4 | Ave | +++++<br>263427 | +++++<br>1034862 | 4880<br>2571401 | 23175 | 94364 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| sec-Butylbenzene | DCBd4 | Ave | +++++<br>255781 | +++++<br>1026316 | 4713<br>2688561 | 22547 | 94713 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | +++++ | +++++ | 3401 | 17139 | 63195 | +++++ | +++++ | 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.: 460-332739-1 | Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 | Calibration End Date: 07/26/2025 17:56 | Calibration ID: 101875

| 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 |
| | | | 173232 | 733084 | 1889356 | | | 50.0 | 200 | 500 | | |
| 4-Isopropyltoluene | DCBd4 | Ave | +++++<br>225938 | +++++<br>925266 | 4180<br>2383534 | 19308 | 81011 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | +++++<br>187437 | +++++<br>758606 | 3642<br>1914123 | 18021 | 65439 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,3-Trimethylbenzene | DCBd4 | Ave | +++++<br>303823 | +++++<br>1193906 | 5636<br>2937044 | 28319 | 105956 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Benzyl chloride | DCBd4 | Ave | +++++<br>218662 | +++++<br>957198 | 3265<br>2424206 | 18791 | 74038 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Indan | DCBd4 | Ave | +++++<br>298873 | +++++<br>1227265 | 5621<br>3074965 | 27916 | 106660 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| p-Diethylbenzene | DCBd4 | Ave | +++++<br>127175 | +++++<br>512461 | 2458<br>1354186 | 11713 | 46351 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Butylbenzene | DCBd4 | Ave | +++++<br>101850 | +++++<br>406918 | 1880<br>1107655 | 8696 | 37326 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | +++++<br>195516 | +++++<br>796839 | 3915<br>2089733 | 18053 | 71563 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | DCBd4 | Ave | +++++<br>222086 | +++++<br>858333 | 4284<br>2507393 | 21168 | 80696 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | DCBd4 | Ave | +++++<br>35134 | +++++<br>150744 | 626<br>424959 | 3323 | 12540 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,3,5-Trichlorobenzene | DCBd4 | Ave | +++++<br>94343 | +++++<br>378829 | 2107<br>1055226 | 9061 | 36088 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,4-Trichlorobenzene | DCBd4 | Ave | +++++<br>95539 | +++++<br>384427 | 2026<br>1014390 | 8669 | 34055 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Hexachlorobutadiene | DCBd4 | Ave | +++++<br>32884 | +++++<br>134250 | 754<br>374916 | 3062 | 12273 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Naphthalene | DCBd4 | Ave | +++++<br>333266 | +++++<br>1333290 | 8622<br>3344287 | 34470 | 130432 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2,3-Trichlorobenzene | DCBd4 | Ave | +++++<br>85621 | +++++<br>320373 | 1702<br>882438 | 8042 | 31755 | +++++<br>50.0 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Dibromofluoromethane (Surr) | FB | Ave | 143168<br>159033 | 159126<br>160008 | 151189<br>173202 | 161857 | 118595 | 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 | 108518<br>118374 | 118765<br>126708 | 111022<br>131893 | 122963 | 85881 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZd5 | Ave | 343042<br>384263 | 374221<br>421145 | 355327<br>462963 | 389235 | 278447 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 |
| 4-Bromofluorobenzene | CBNZd5 | Ave | 87397<br>100541 | 94786<br>109076 | 89479<br>113551 | 100329 | 73731 | 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.: 460-332739-1 | Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 | Calibration End Date: 07/26/2025 17:56 | Calibration ID: 101875

Curve Type Legend:

| |
|---|
| Ave = Average ISTD |
| Lin = Linear ISTD |
| Lin2 = Linear 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.: 460-332739-1 Analy Batch No.: 1052136

SDG No.:

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

Calibration Start Date: 07/26/2025 14:53 Calibration End Date: 07/26/2025 17:56 Calibration ID: 101875

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD8 460-1052136/4 | J20684.D |
| Level 2 | STD9 460-1052136/3 | J20683.D |
| Level 3 | STD1 460-1052136/6 | J20686.D |
| Level 4 | STD5 460-1052136/7 | J20687.D |
| Level 5 | STD20 460-1052136/8 | J20688.D |
| Level 6 | STD50 460-1052136/9 | J20689.D |
| Level 7 | STD200 460-1052136/10 | J20690.D |
| Level 8 | STD500 460-1052136/11 | J20691.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 |
| Ethyl ether | +++++ | +++++ | -0.3 | | | | | | 30 | | | |
| Isobutyl alcohol | +++++ | +++++ | 6.9 | | | | | | 30 | | | |
| Ethyl acrylate | +++++ | +++++ | 0.8 | | | | | | 30 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-Jul-2025 14:53:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD9
Misc. Info.: 460-0194147-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub82

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:37:20 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 26-Jul-2025 16:30:56

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.264 | 2.264 | 0.000 | 74 | 199711 | 1000.0 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.133 | 3.134 | -0.001 | 89 | 191662 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.553 | 3.553 | 0.000 | 96 | 159126 | 50.0 | 53.8 | |
| 58 Benzene | 78 | 3.851 | 3.852 | -0.001 | 90 | 2278 | 0.2000 | 0.2241 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.870 | 3.870 | 0.000 | 0 | 118765 | 50.0 | 53.3 | |
| 62 1,2-Dichloroethane | 62 | 3.949 | 3.943 | 0.006 | 50 | 750 | 0.2000 | 0.2370 | M |
| * 64 Fluorobenzene | 96 | 4.125 | 4.125 | 0.000 | 100 | 519770 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.466 | 4.472 | -0.006 | 94 | 643 | 0.2000 | 0.2124 | |
| 69 1,2-Dichloropropane | 63 | 4.746 | 4.752 | -0.006 | 15 | 427 | 0.2000 | 0.1828 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.819 | 4.819 | 0.000 | 0 | 19352 | 1000.0 | 1000.0 | |
| 75 Dichlorobromomethane | 83 | 5.044 | 5.044 | 0.000 | 28 | 595 | 0.2000 | 0.1782 | |
| 79 cis-1,3-Dichloropropene | 75 | 5.561 | 5.561 | 0.000 | 4 | 637 | 0.2000 | 0.1796 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.804 | 5.804 | 0.000 | 99 | 374221 | 50.0 | 54.7 | |
| 83 trans-1,3-Dichloropropene | 75 | 6.291 | 6.291 | 0.000 | 1 | 496 | 0.2000 | 0.1822 | M |
| 85 1,1,2-Trichloroethane | 83 | 6.516 | 6.516 | 0.000 | 24 | 390 | 0.2000 | 0.2157 | M |
| 86 Tetrachloroethene | 166 | 6.558 | 6.546 | 0.012 | 33 | 493 | 0.2000 | 0.2429 | M |
| 90 Chlorodibromomethane | 129 | 6.990 | 6.997 | -0.007 | 9 | 396 | 0.2000 | 0.1570 | M |
| * 92 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 82 | 316792 | 50.0 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.144 | 9.150 | -0.006 | 96 | 94786 | 50.0 | 54.2 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.351 | 9.351 | 0.000 | 14 | 556 | 0.2000 | 0.2019 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.215 | 10.215 | 0.000 | 92 | 148943 | 50.0 | 50.0 | |
| S 136 Total BTEX | 1 | | | | 0 | | 1.00 | 0.2241 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00209 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00037 | Amount Added: | 0.00 | Units: uL | |
| ACROLEIN W_00186 | Amount Added: | 0.00 | Units: uL | |
| GASES Li_00653 | Amount Added: | 2.00 | Units: uL | |
| 14DIOXINTER_00187 | Amount Added: | 0.00 | Units: uL | |
| ACRY/EPIH MIX_00139 | Amount Added: | 0.00 | Units: uL | |
| MIX I Hi_00191 | Amount Added: | 0.00 | Units: uL | |
| GAS Hi_00500 | Amount Added: | 0.00 | Units: uL | |
| MIX 2 Hi_00164 | Amount Added: | 0.00 | Units: uL | |
| Ethanol mix_00104 | Amount Added: | 0.00 | Units: uL | |
| alpha-Pinene_00012 | Amount Added: | 0.00 | Units: uL | |
| alpha-Pinene_00013 | Amount Added: | 0.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00255 | Amount Added: | 1.00 | Units: uL | Run Reagent |

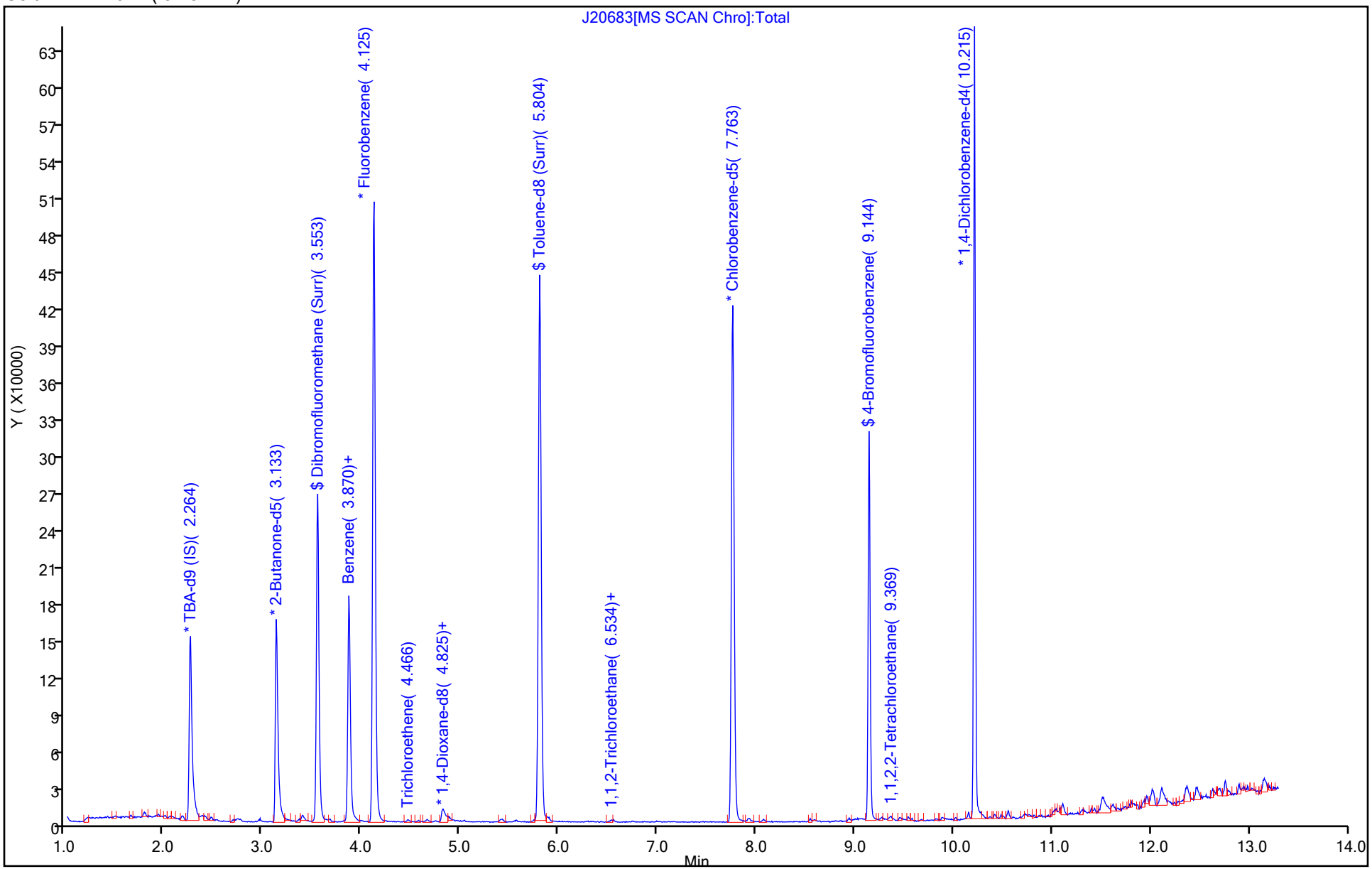
Report Date: 27-Jul-2025 13:37:20 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 14:53:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | STD9 | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

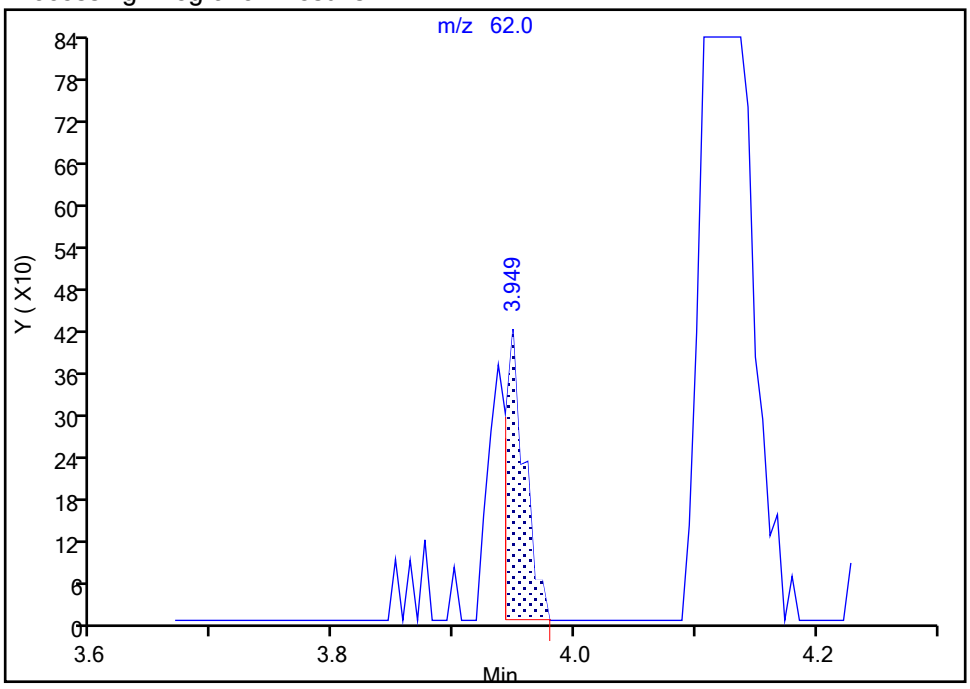
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 62 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

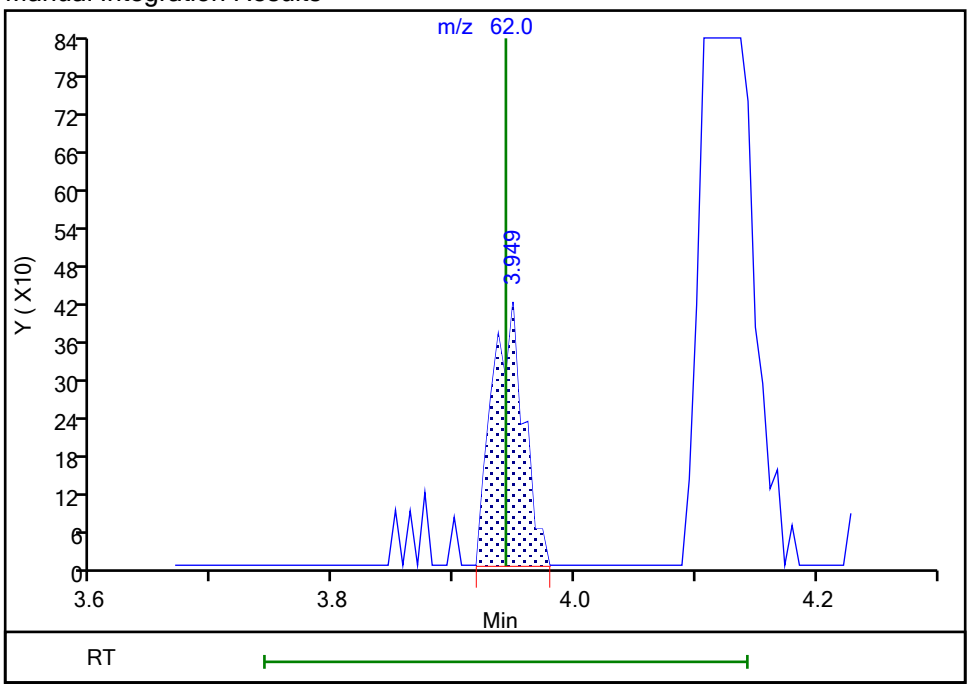
Processing Integration Results

RT: 3.95
Area: 464
Amount: 0.140095
Amount Units: ug/l




Manual Integration Results

RT: 3.95
Area: 750
Amount: 0.236990
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:29:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

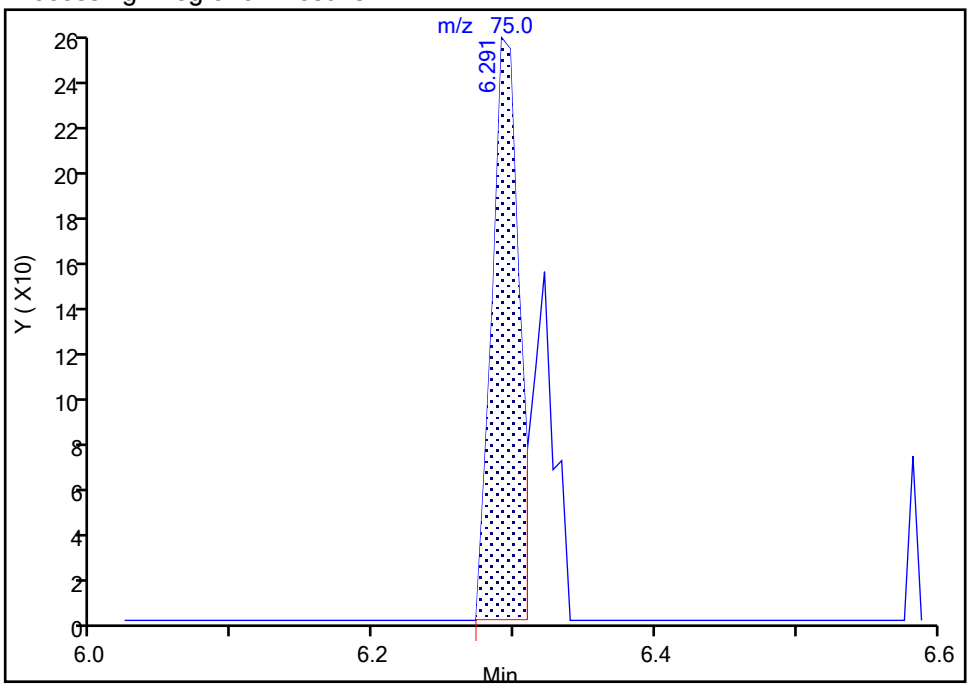
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 83 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

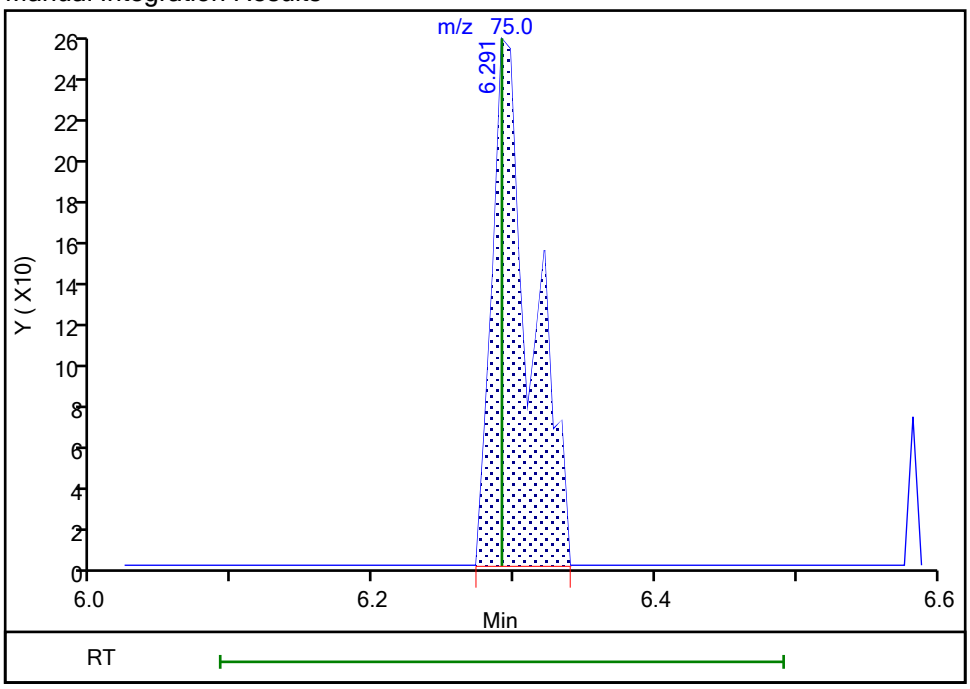
Processing Integration Results

RT: 6.29
Area: 348
Amount: 0.124287
Amount Units: ug/l




Manual Integration Results

RT: 6.29
Area: 496
Amount: 0.182214
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:29:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

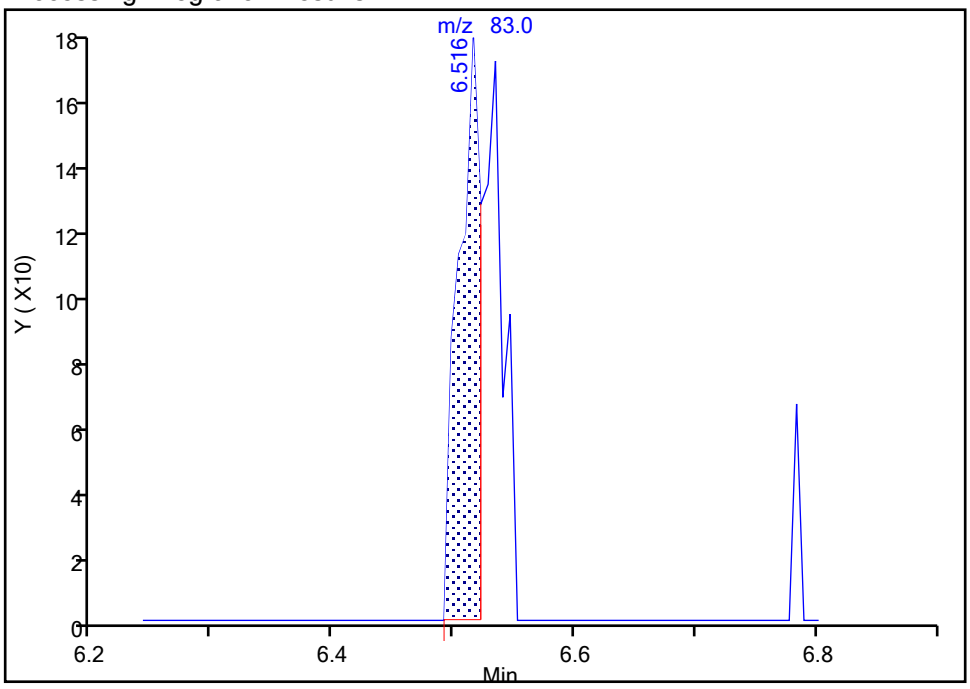
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 85 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

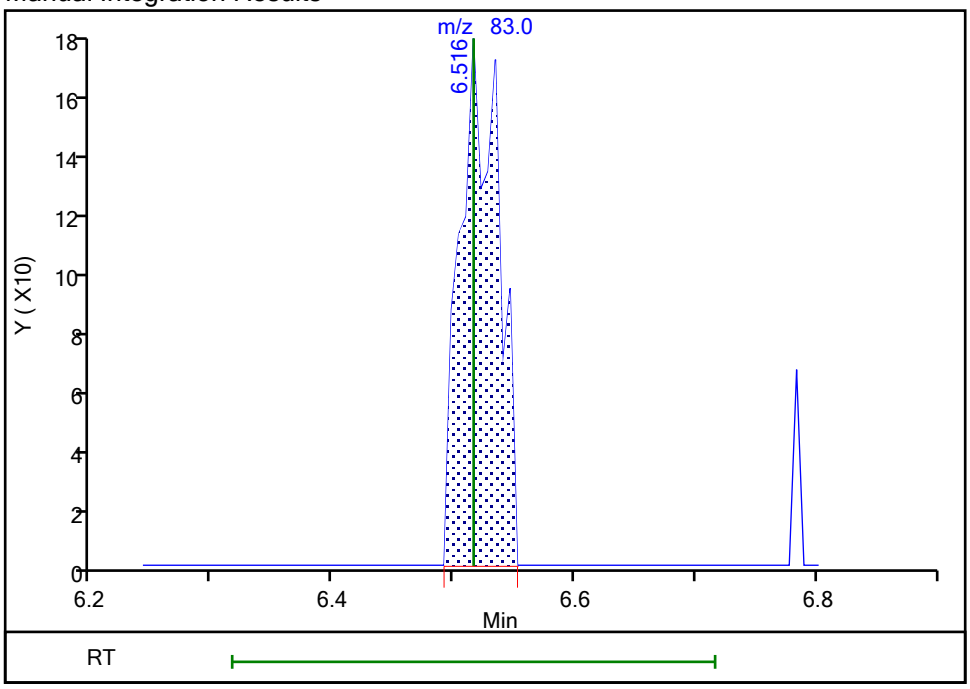
Processing Integration Results

RT: 6.52
Area: 223
Amount: 0.127500
Amount Units: ug/l




Manual Integration Results

RT: 6.52
Area: 390
Amount: 0.215739
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:30:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

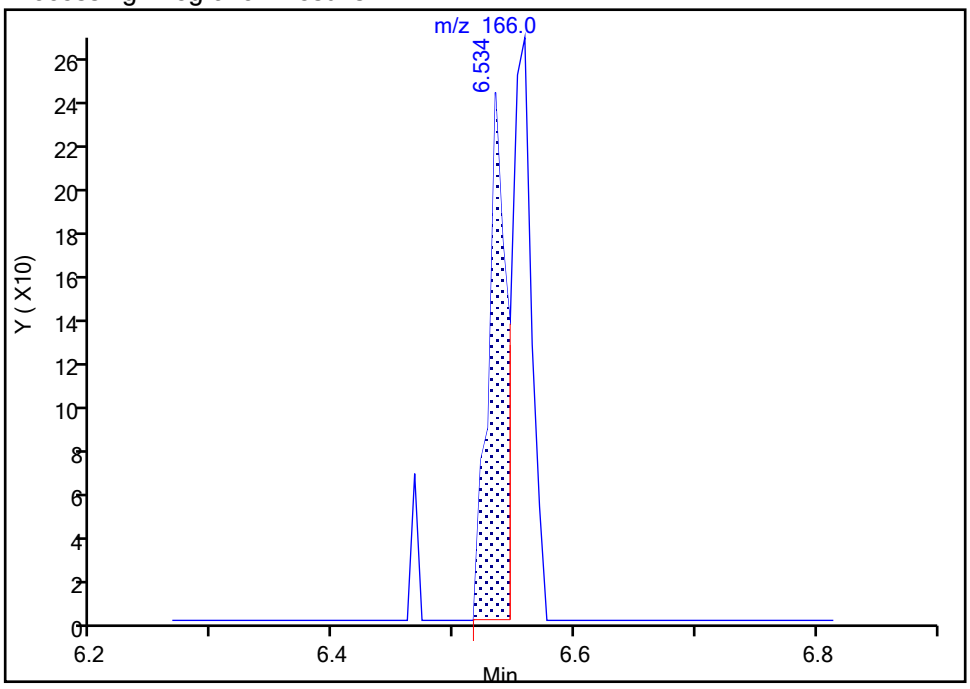
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 86 Tetrachloroethene, CAS: 127-18-4

Signal: 1

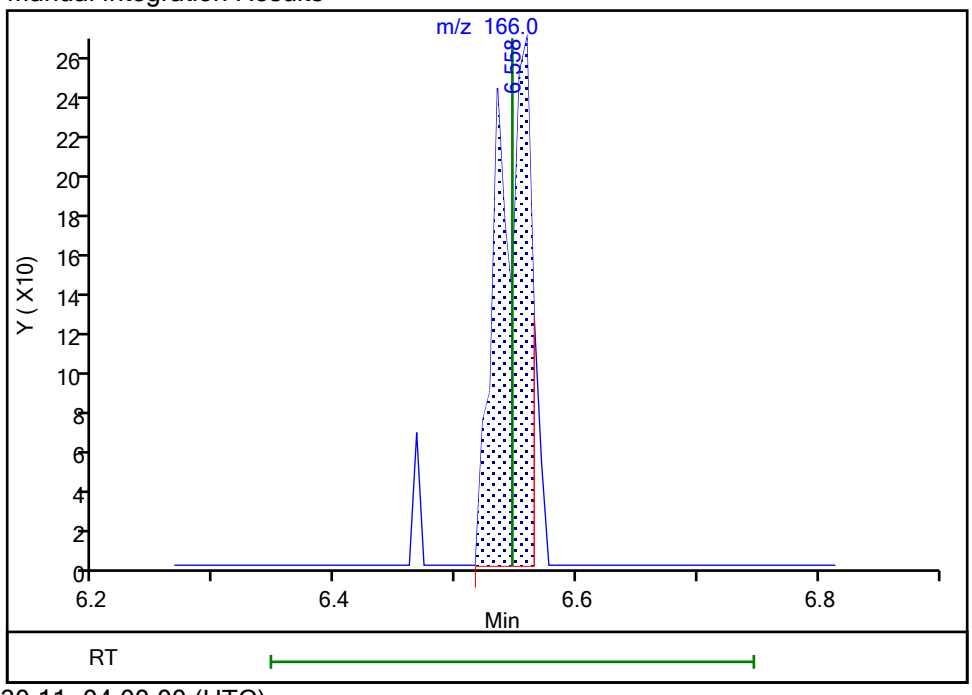
Processing Integration Results

RT: 6.53
Area: 259
Amount: 0.200516
Amount Units: ug/l




Manual Integration Results

RT: 6.56
Area: 493
Amount: 0.242850
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:30:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

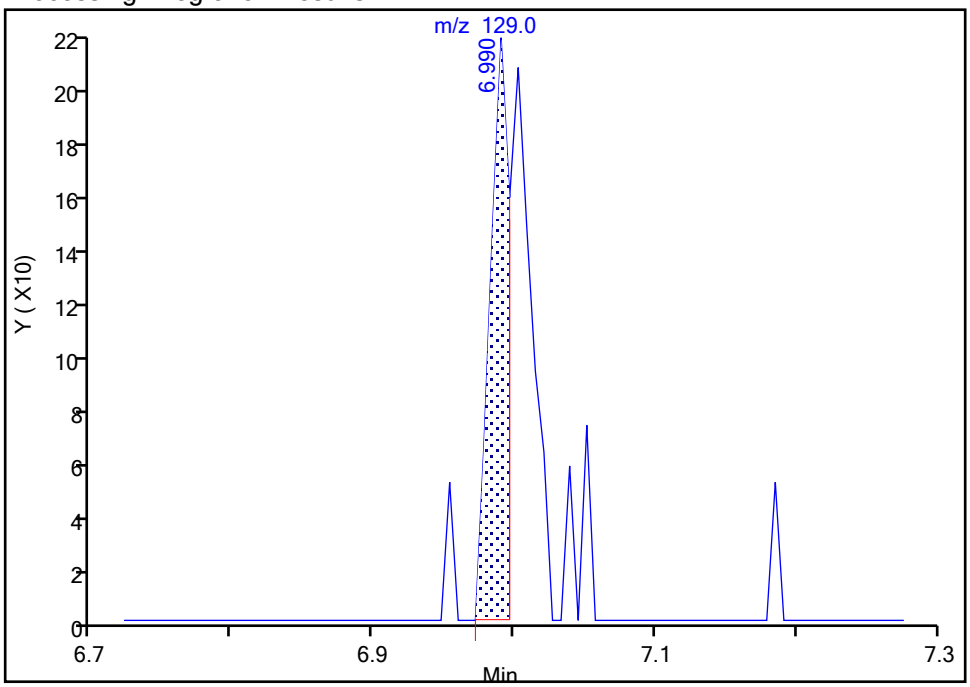
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 90 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

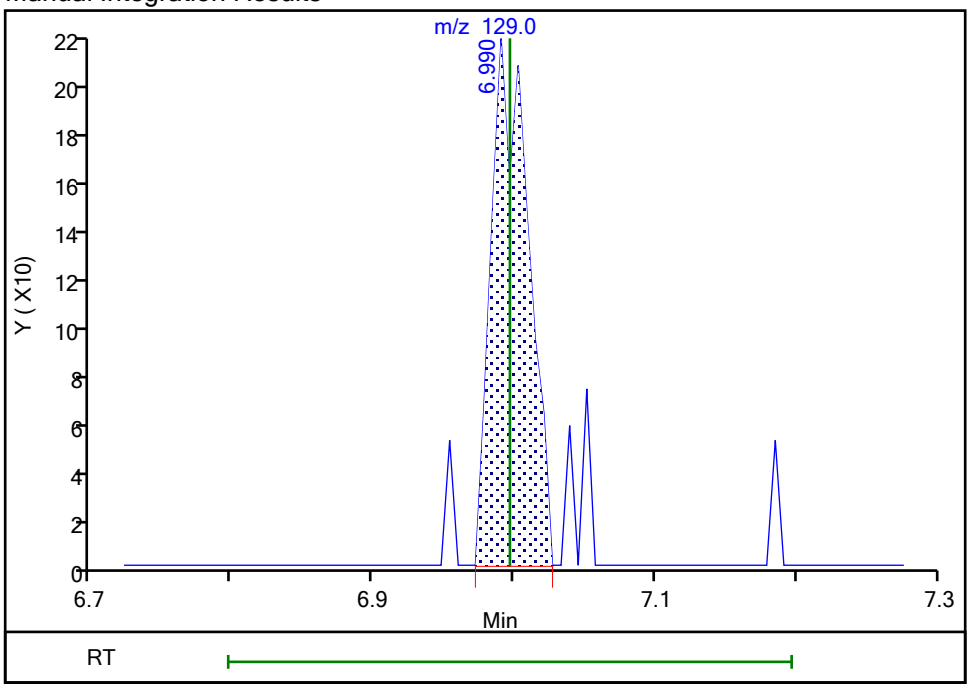
Processing Integration Results

RT: 6.99
Area: 212
Amount: 0.079473
Amount Units: ug/l




Manual Integration Results

RT: 6.99
Area: 396
Amount: 0.157019
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:30:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

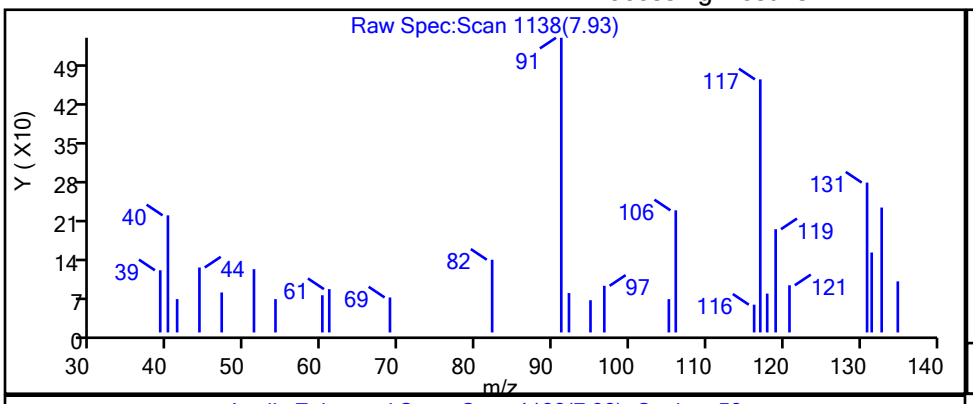
User Disabled Compound Report

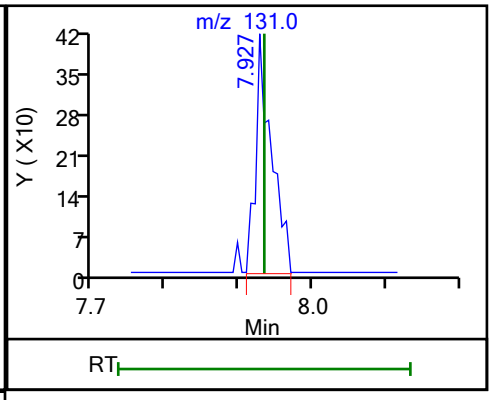
Eurofins Edison

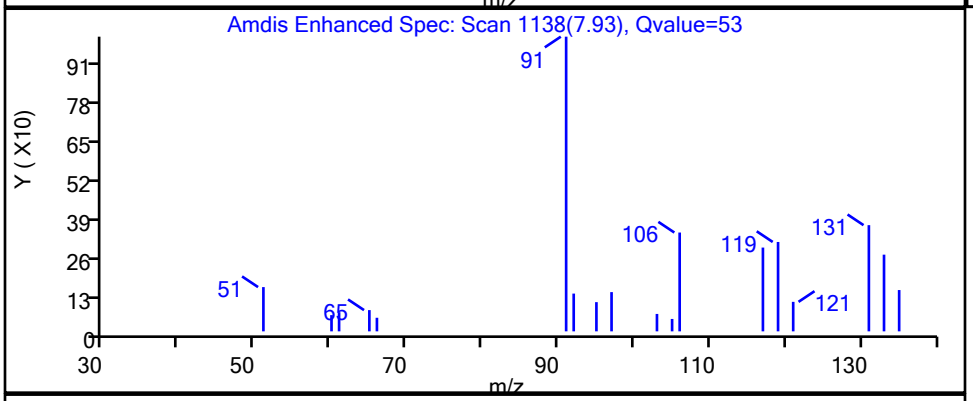
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

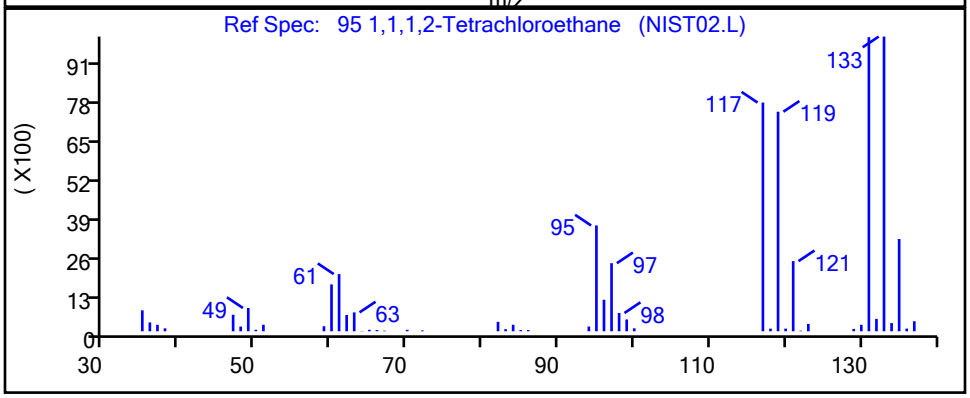
## 95 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.93 | 131.00 | 617 | 0.226686 |

Reviewer: NN6A, 26-Jul-2025 16:30:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

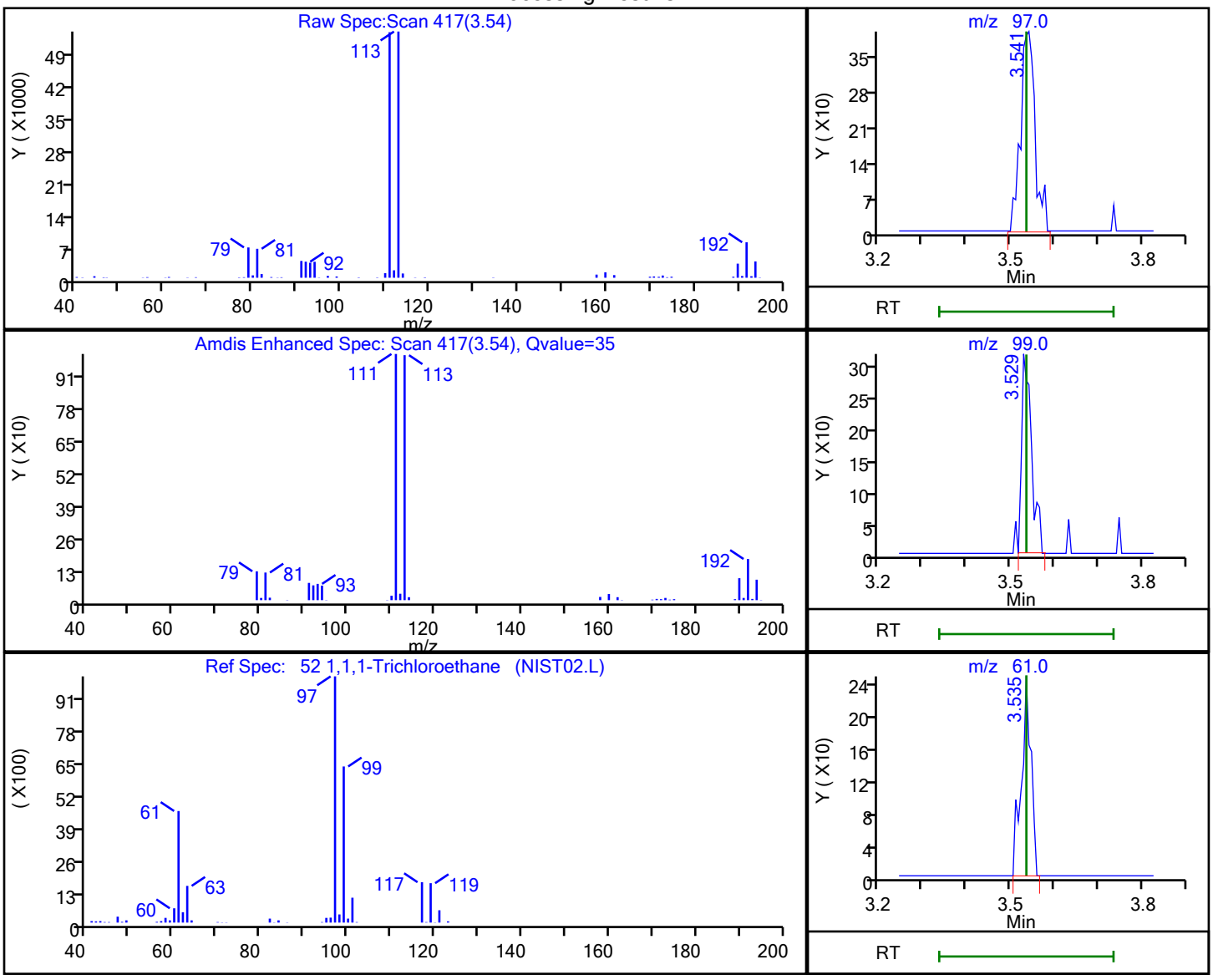
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 52 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.54 | 97.00 | 917 | 0.204680 |
| 3.53 | 99.00 | 500 | |
| 3.53 | 61.00 | 369 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

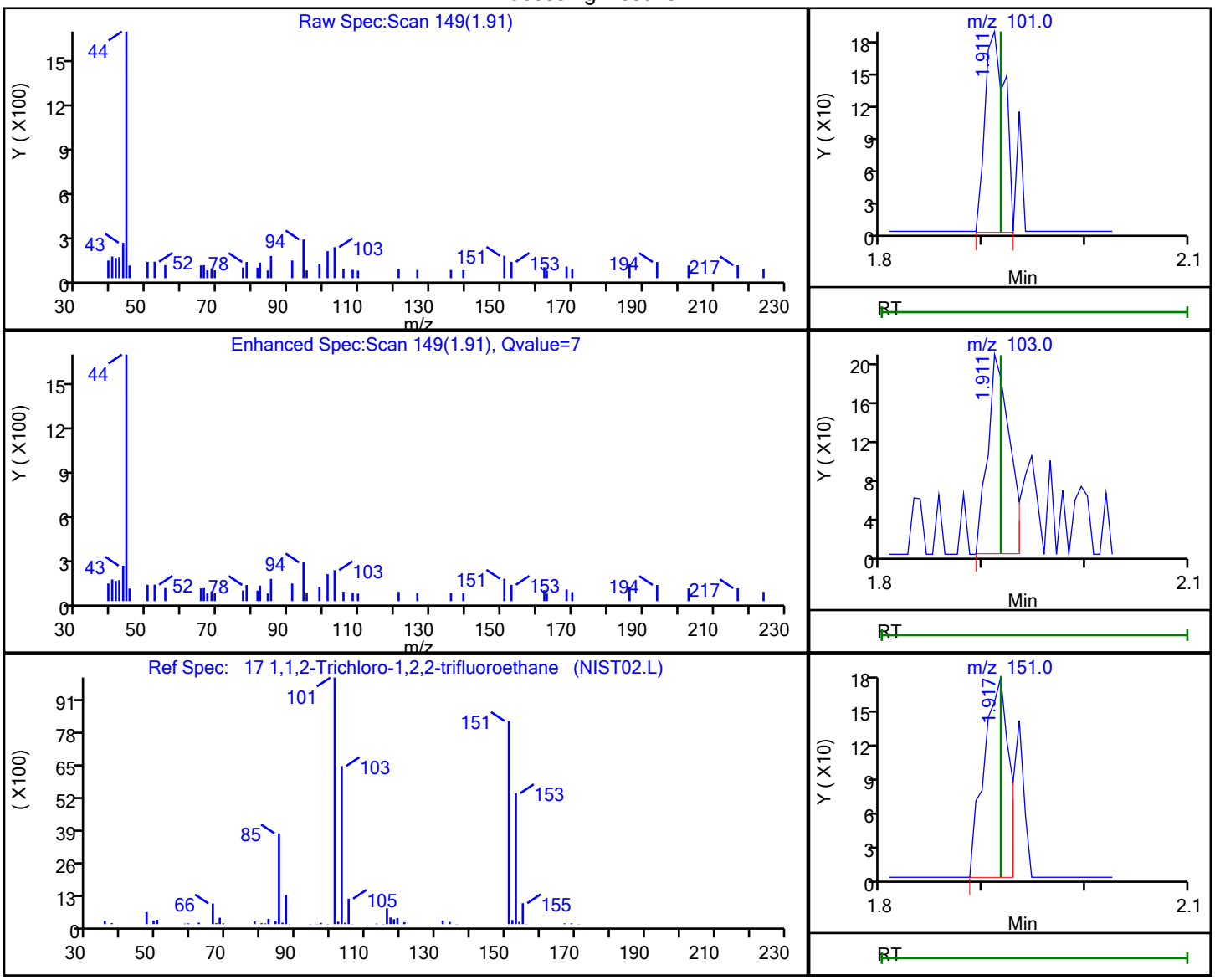
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.91 | 101.00 | 247 | 0.123443 |
| 1.91 | 103.00 | 314 | |
| 1.92 | 151.00 | 292 | |
| 1.91 | 85.00 | 90 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

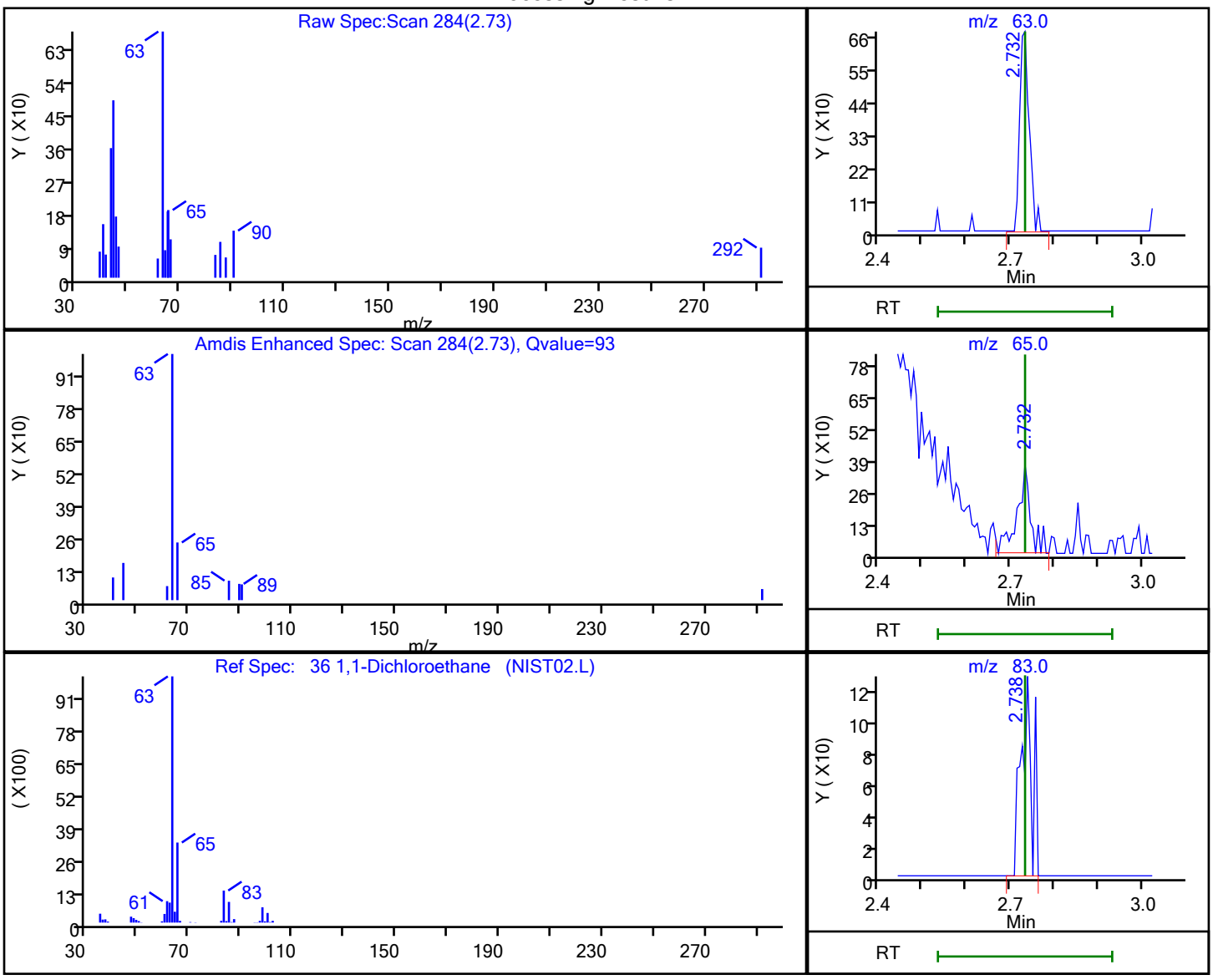
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 36 1,1-Dichloroethane, CAS: 75-34-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.73 | 63.00 | 1034 | 0.182542 |
| 2.73 | 65.00 | 810 | |
| 2.74 | 83.00 | 218 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

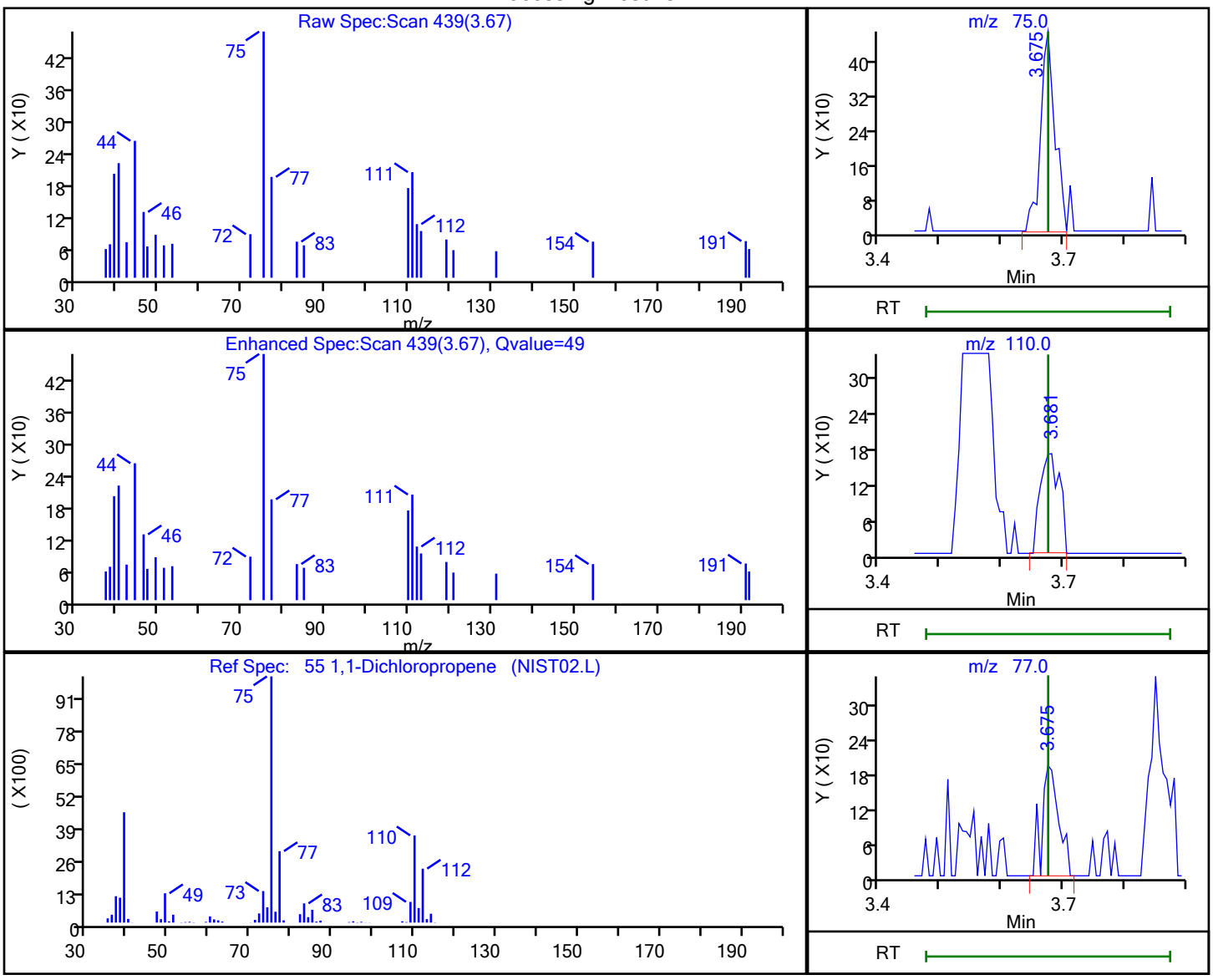
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 55 1,1-Dichloropropene, CAS: 563-58-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.67 | 75.00 | 756 | 0.202227 |
| 3.68 | 110.00 | 378 | |
| 3.67 | 77.00 | 363 | |

Reviewer: NN6A, 26-Jul-2025 16:29:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

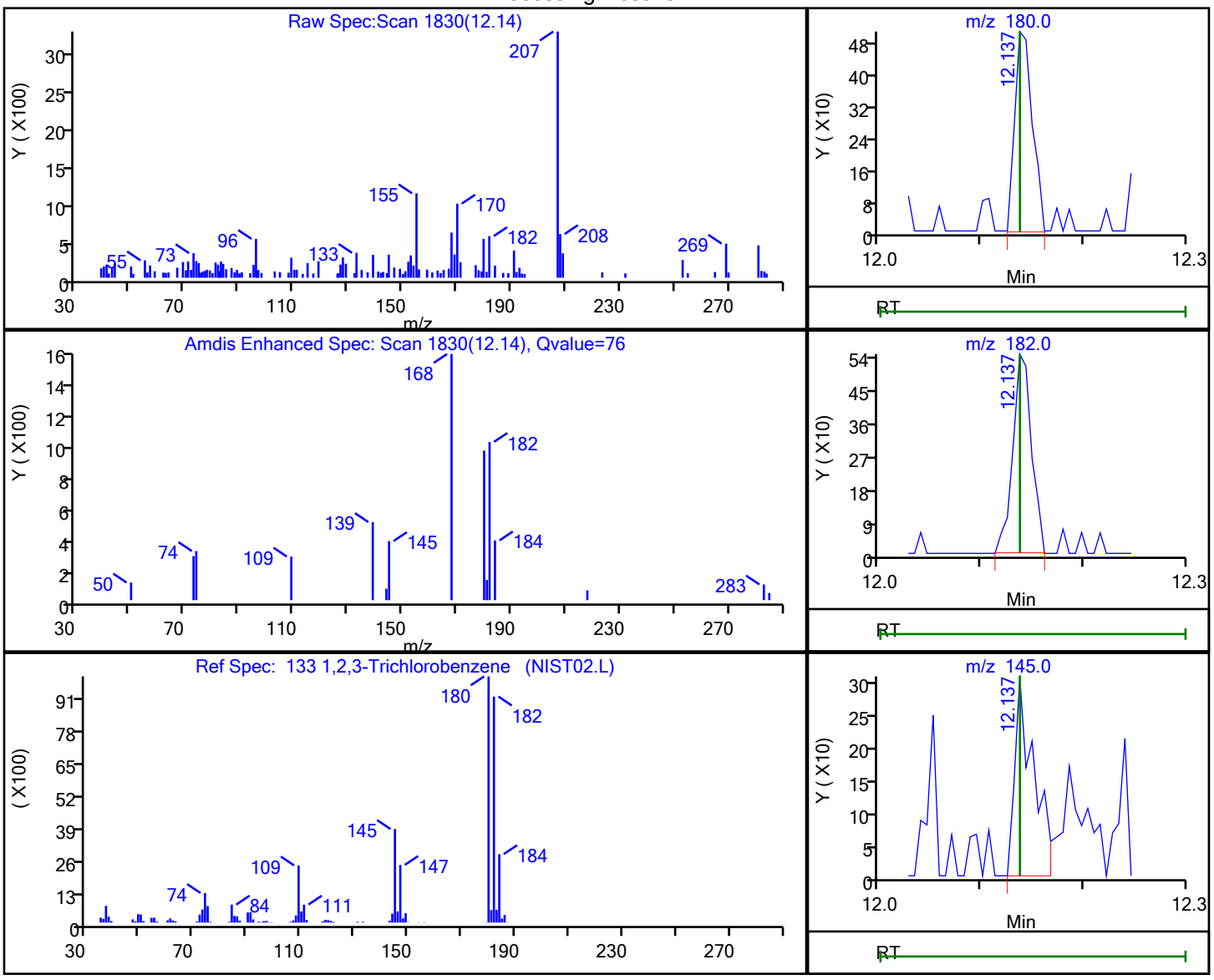
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 133 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.14 | 180.00 | 608 | 0.332673 |
| 12.14 | 182.00 | 698 | |
| 12.14 | 145.00 | 393 | |

Reviewer: NN6A, 26-Jul-2025 16:30:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

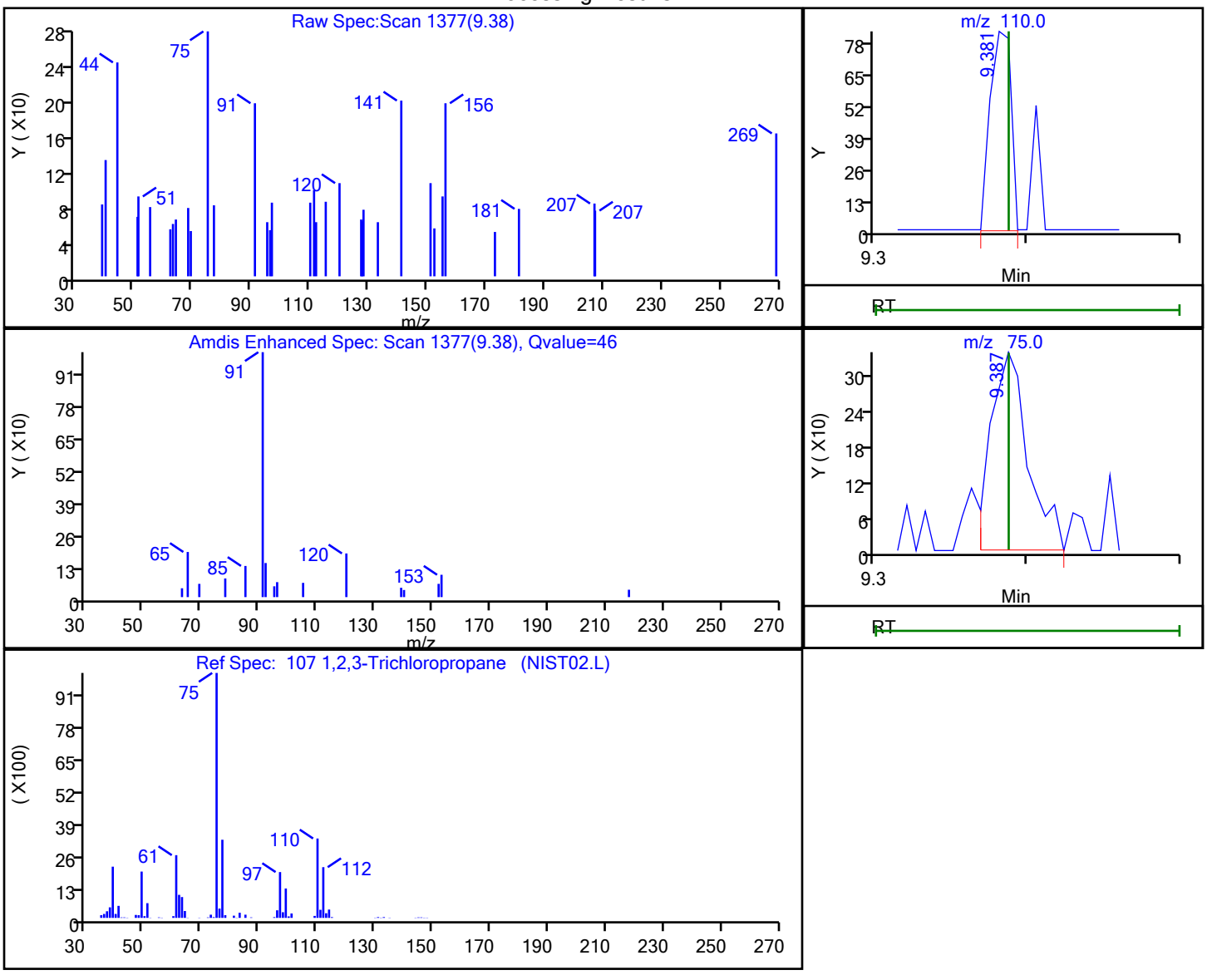
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 107 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.38 | 110.00 | 80 | 0.146517 |
| 9.39 | 75.00 | 573 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

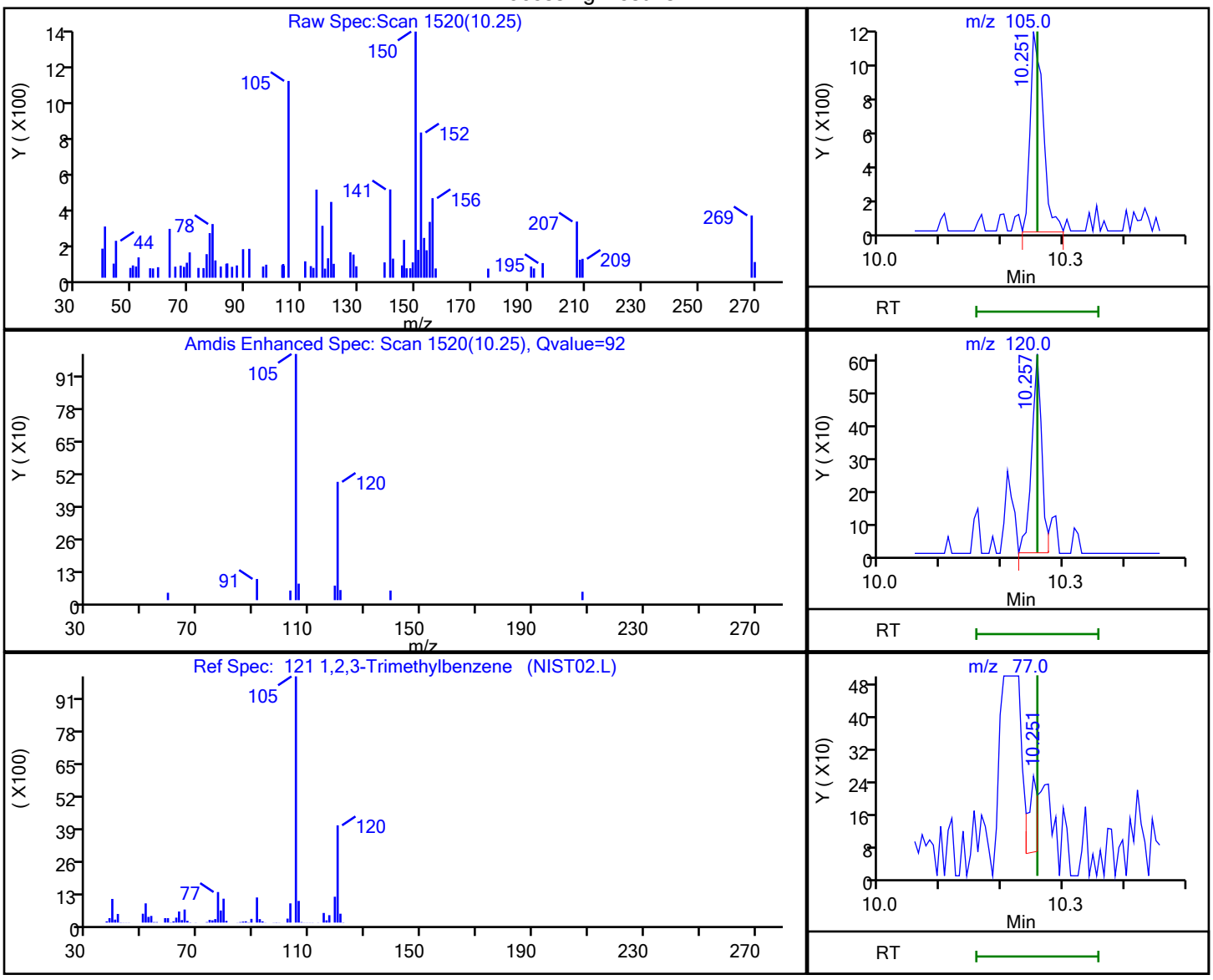
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.25 | 105.00 | 1602 | 0.240943 |
| 10.26 | 120.00 | 700 | |
| 10.25 | 77.00 | 196 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

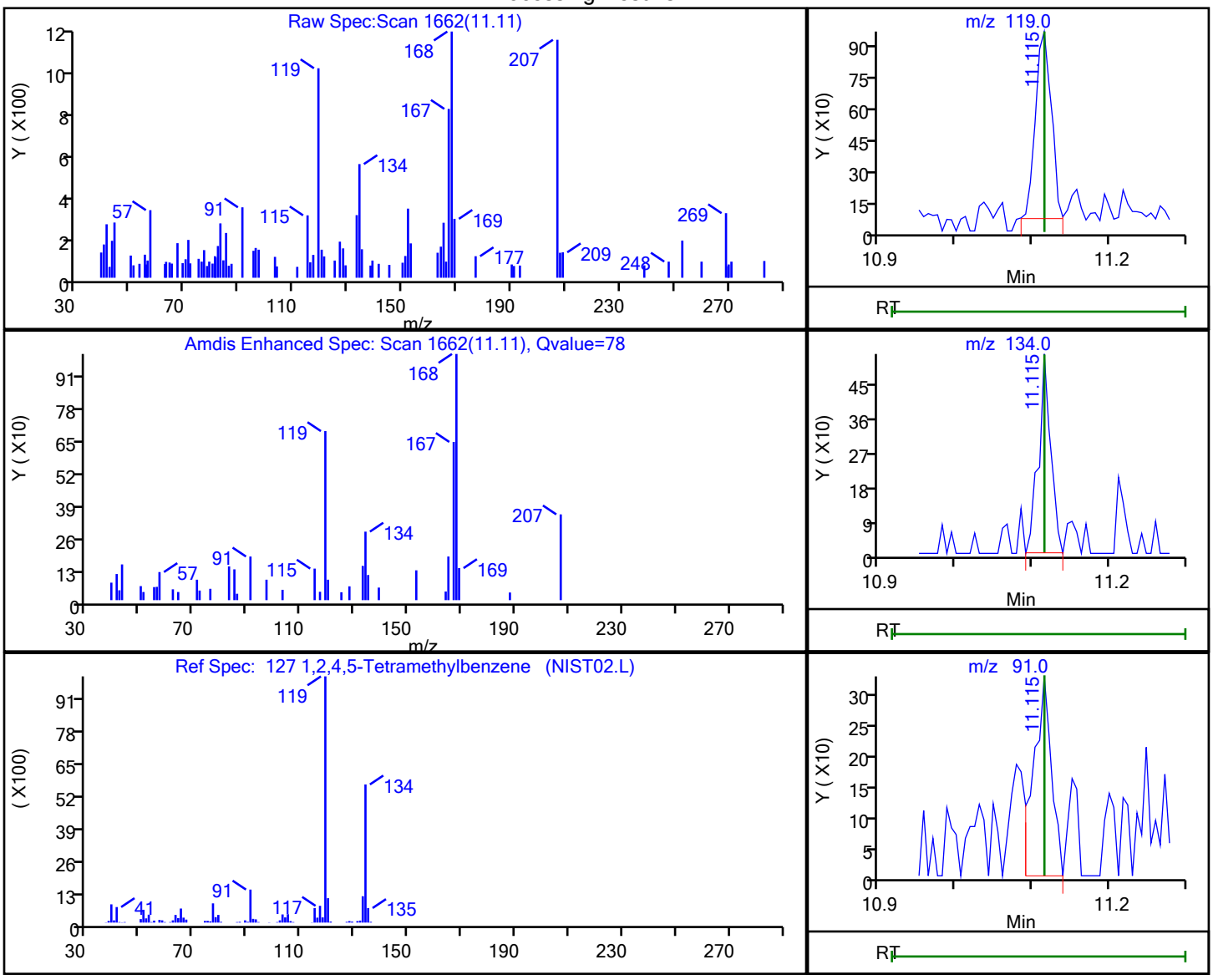
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.11 | 119.00 | 1294 | 0.245539 |
| 11.11 | 134.00 | 582 | |
| 11.11 | 91.00 | 523 | |

Reviewer: NN6A, 26-Jul-2025 16:30:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

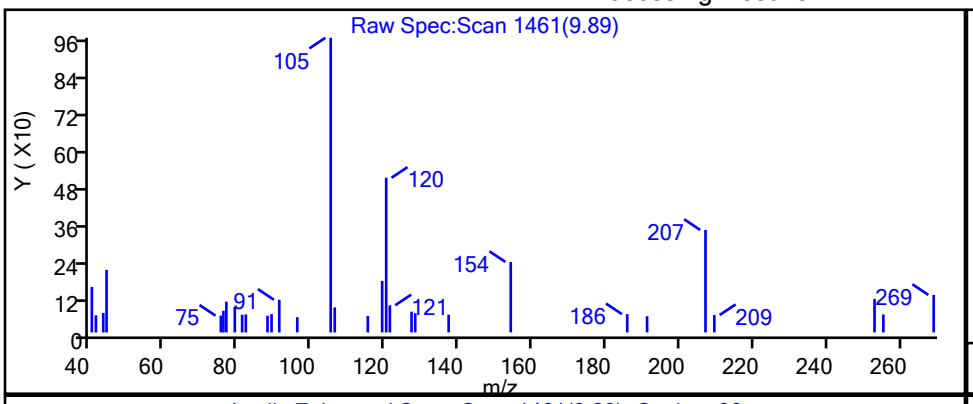
User Disabled Compound Report

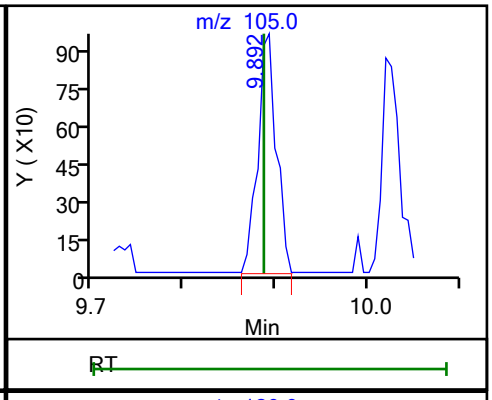
Eurofins Edison

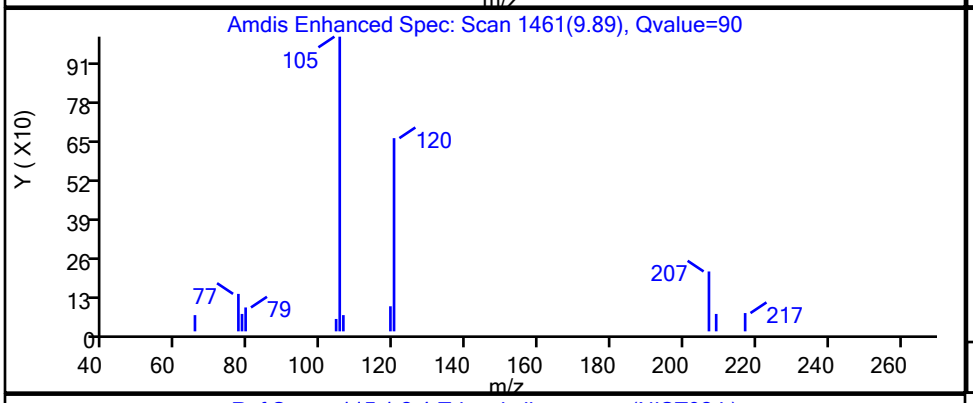
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

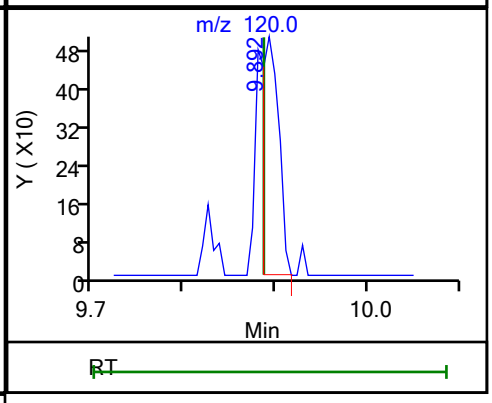
## 115 1,2,4-Trimethylbenzene, CAS: 95-63-6

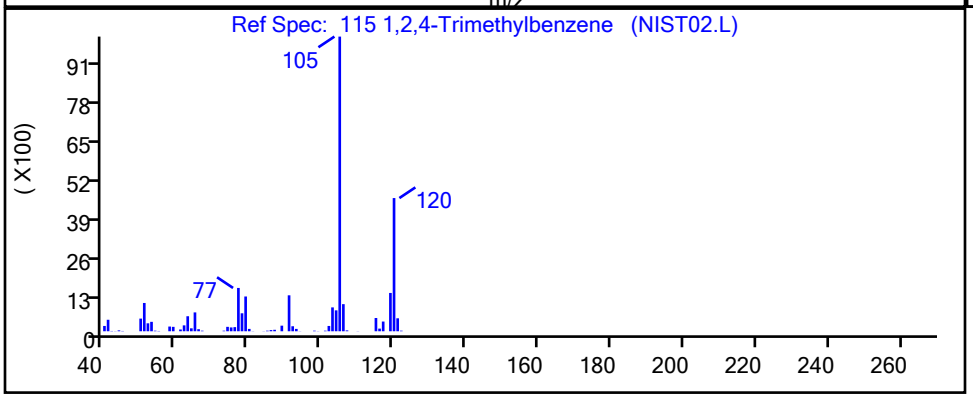
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.89 | 105.00 | 1353 | 0.231798 |
| 9.89 | 120.00 | 626 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

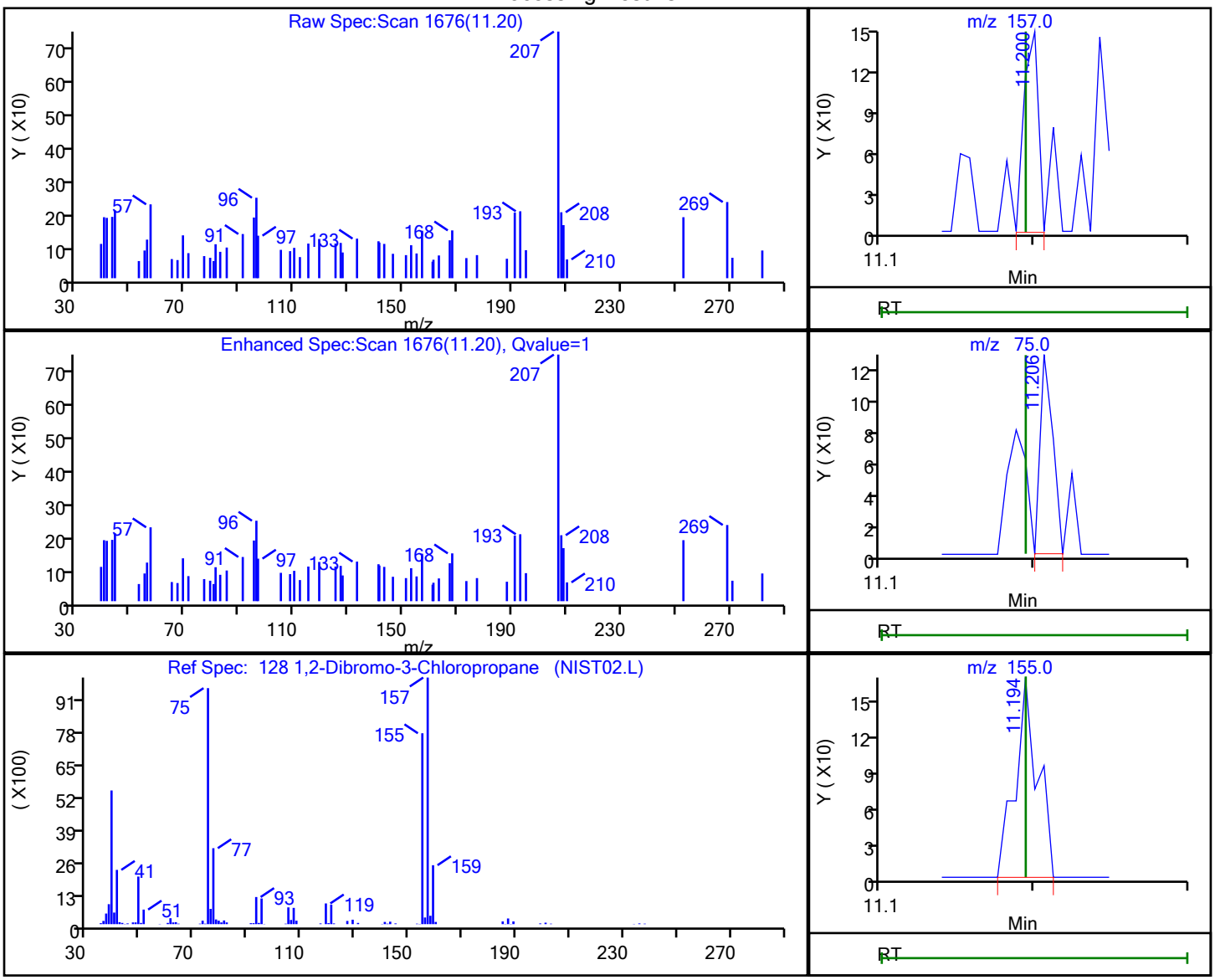
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 128 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.20 | 157.00 | 93 | 0.178130 |
| 11.21 | 75.00 | 75 | |
| 11.19 | 155.00 | 172 | |

Reviewer: NN6A, 26-Jul-2025 16:30:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

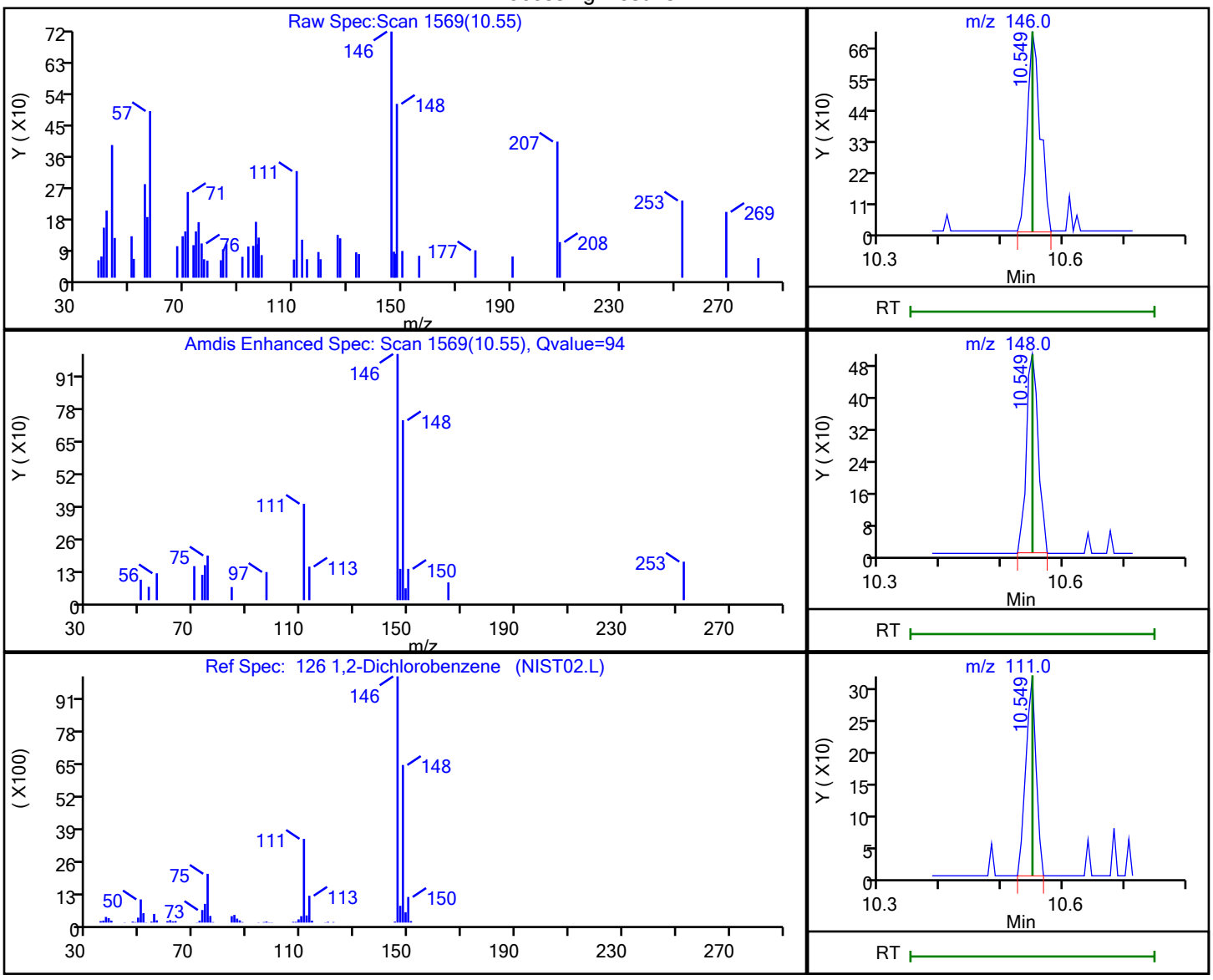
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 126 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.55 | 146.00 | 1042 | 0.253165 |
| 10.55 | 148.00 | 684 | |
| 10.55 | 111.00 | 363 | |

Reviewer: NN6A, 26-Jul-2025 16:30:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

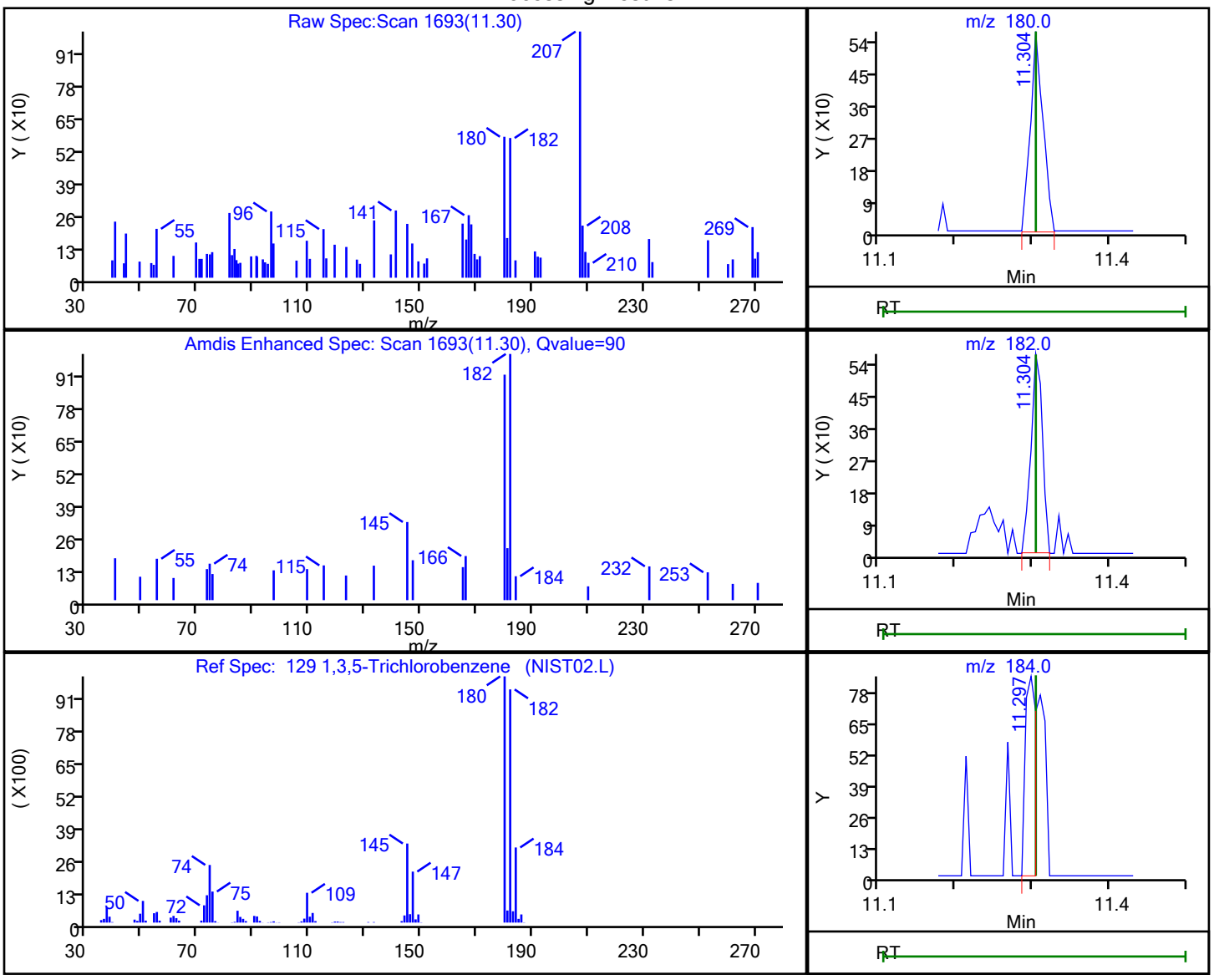
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 129 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.30 | 180.00 | 650 | 0.272448 |
| 11.30 | 182.00 | 591 | |
| 11.30 | 184.00 | 84 | |

Reviewer: NN6A, 26-Jul-2025 16:30:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

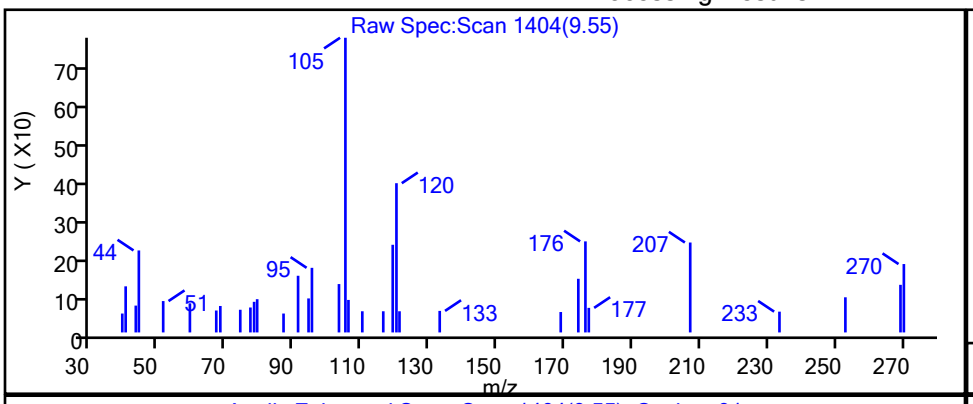
User Disabled Compound Report

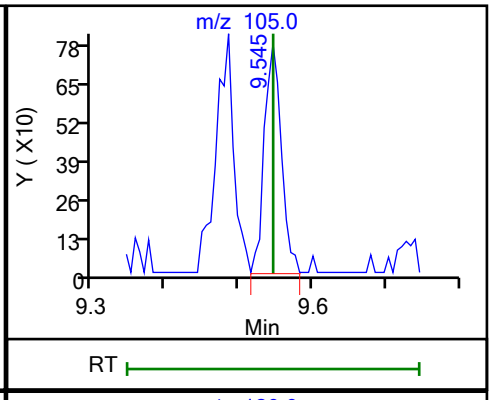
Eurofins Edison

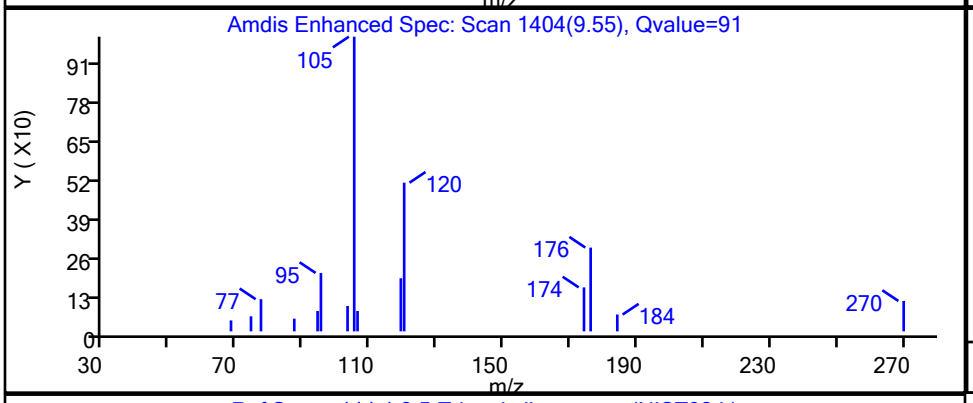
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

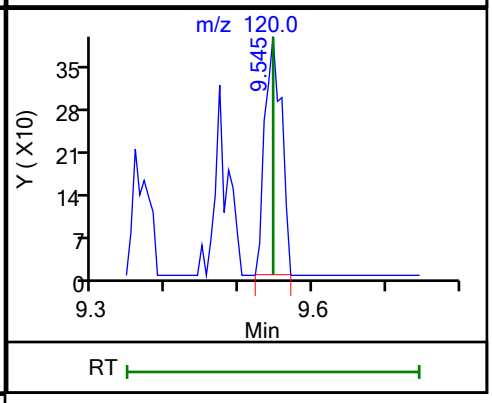
## 111 1,3,5-Trimethylbenzene, CAS: 108-67-8

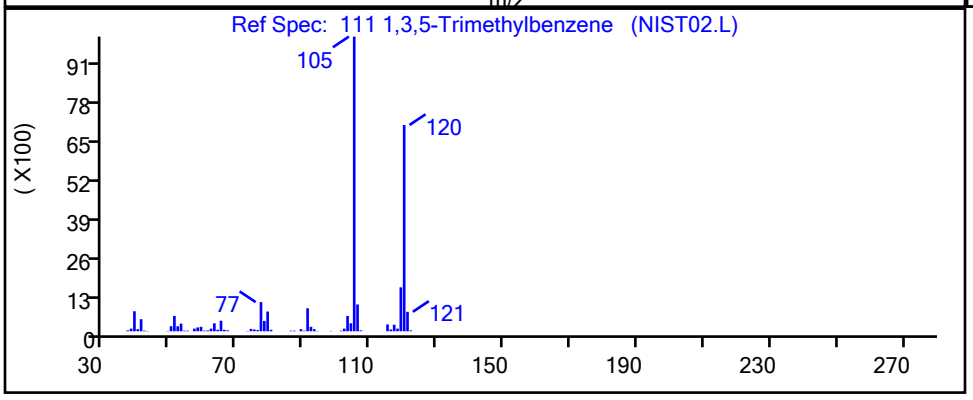
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.55 | 105.00 | 1258 | 0.230807 |
| 9.55 | 120.00 | 627 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

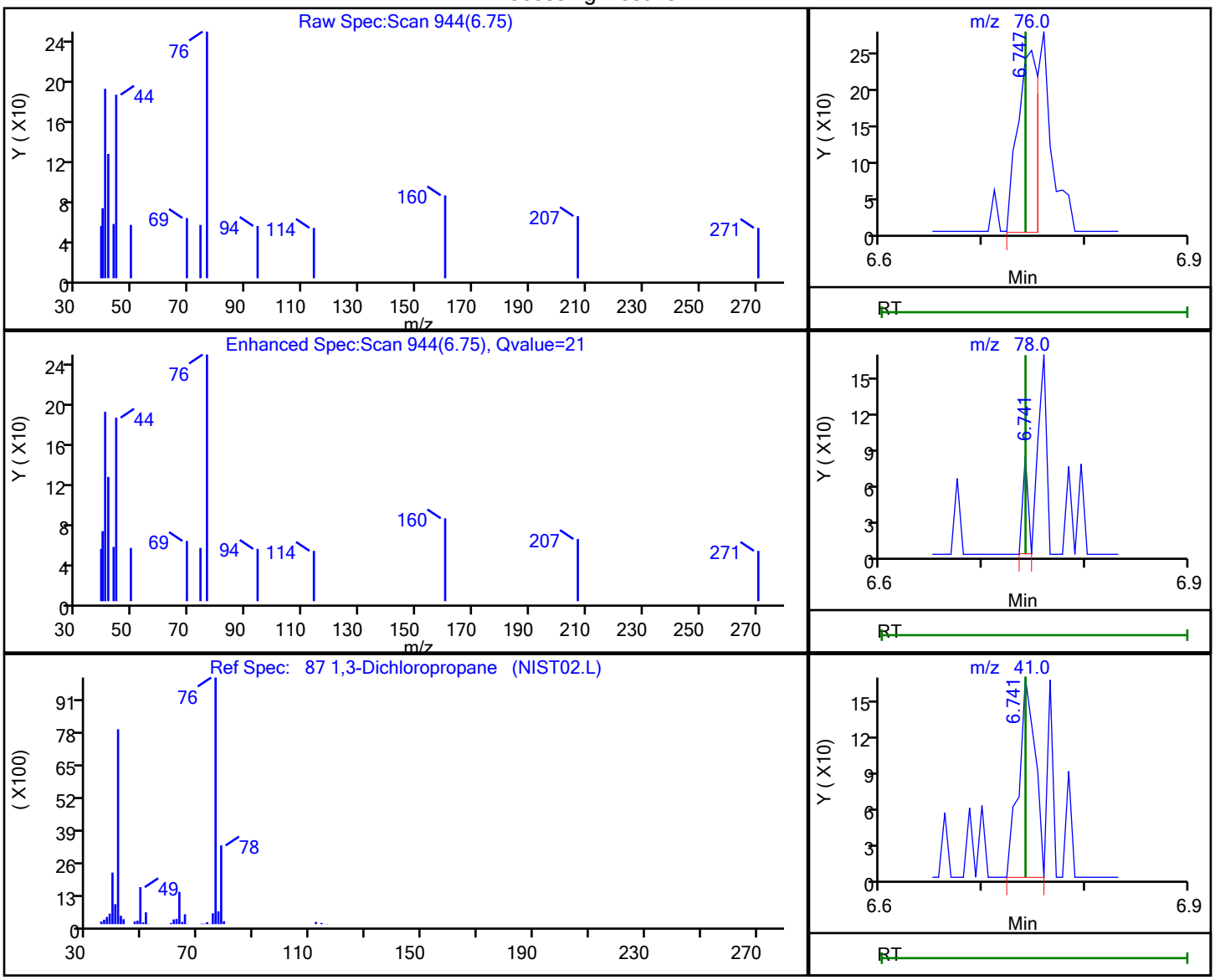
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 87 1,3-Dichloropropane, CAS: 142-28-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.75 | 76.00 | 353 | 0.129485 |
| 6.74 | 78.00 | 30 | |
| 6.74 | 41.00 | 183 | |

Reviewer: NN6A, 26-Jul-2025 16:30:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

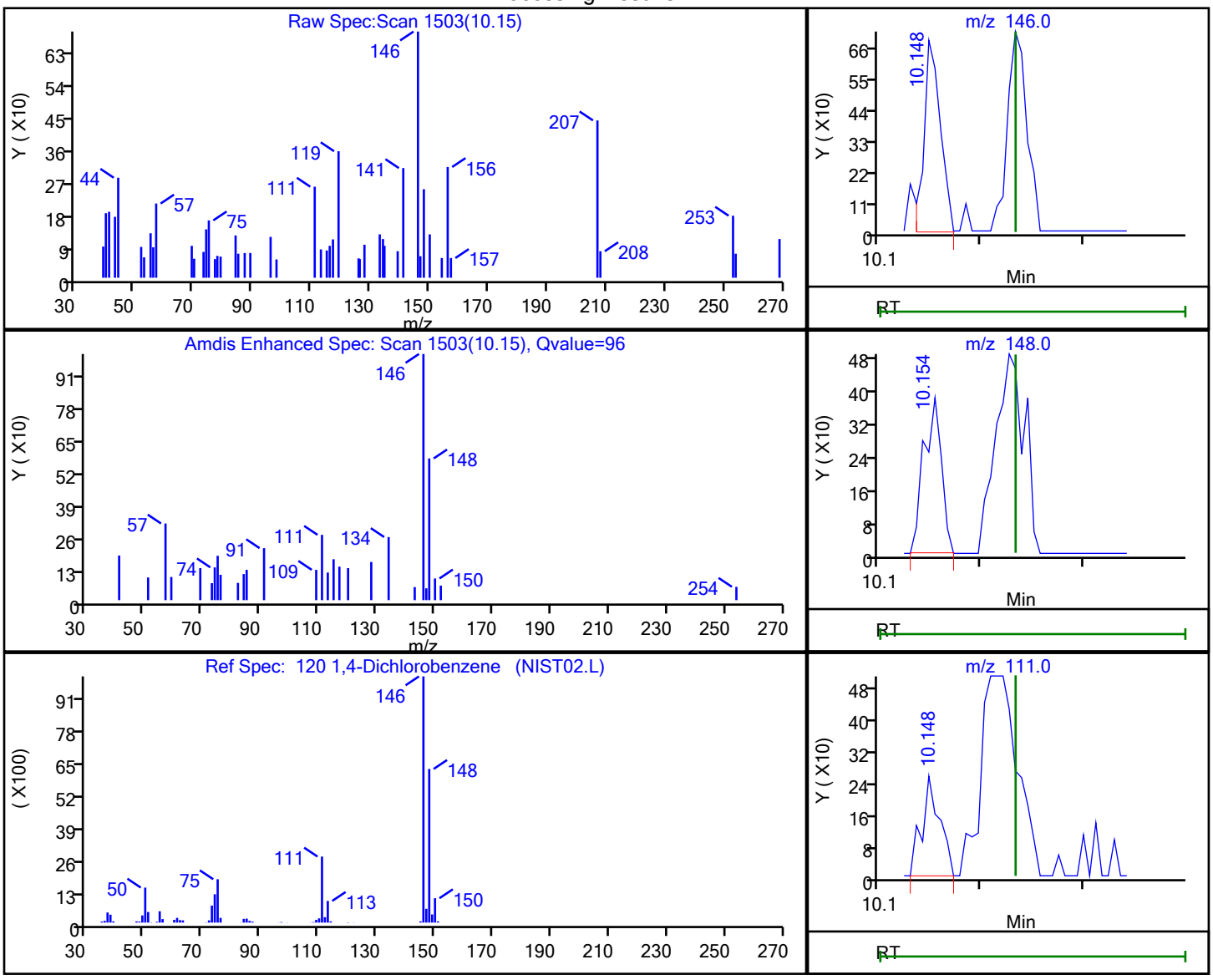
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 120 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.15 | 146.00 | 767 | 0.205093 |
| 10.15 | 148.00 | 461 | |
| 10.15 | 111.00 | 312 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

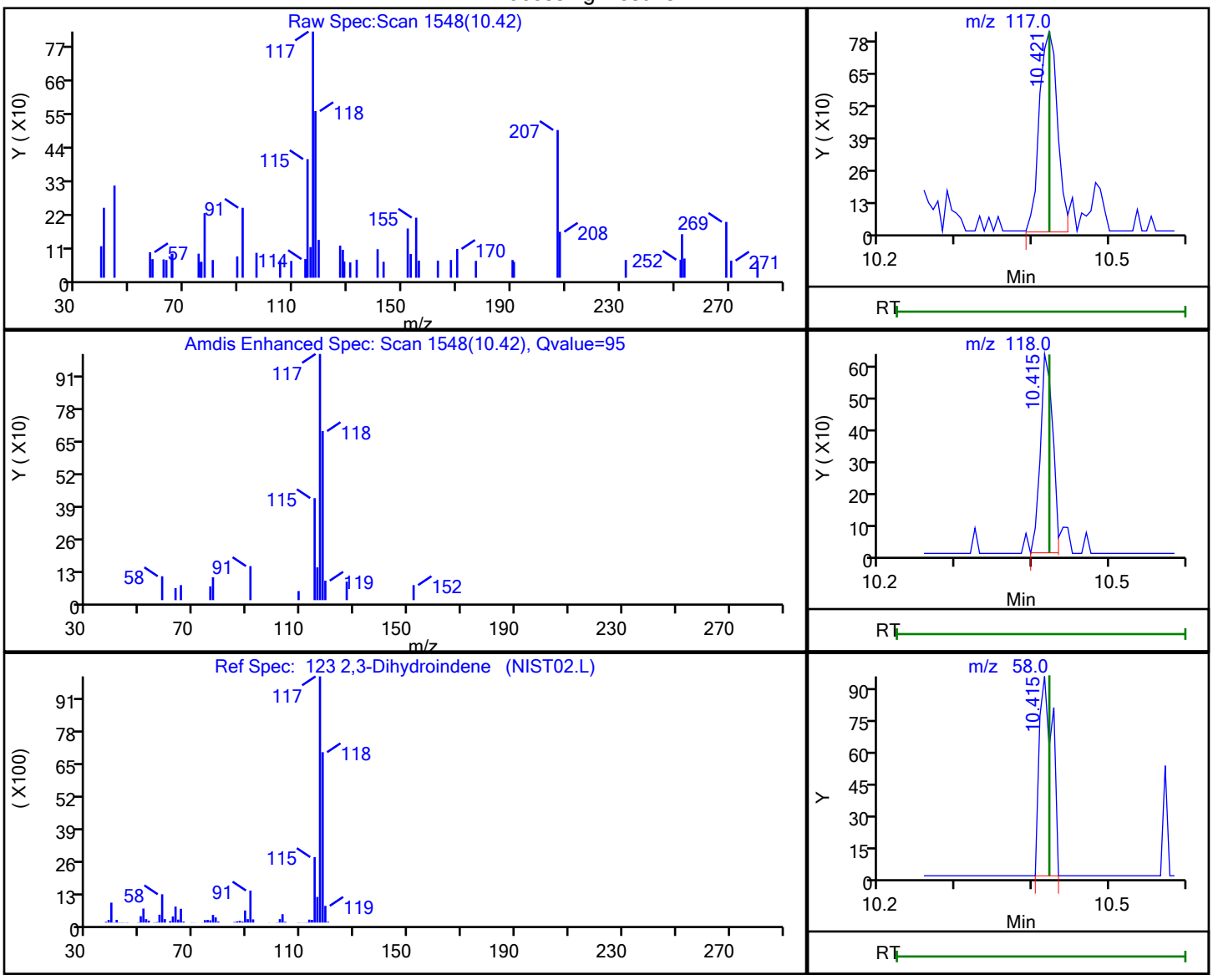
User Disabled Compound Report

Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D | | |
| Injection Date: | 26-Jul-2025 14:53:30 | Instrument ID: | CVOAMS8 |
| Lims ID: | STD9 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 123 2,3-Dihydroindene, CAS: 496-11-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.42 | 117.00 | 1348 | 0.215239 |
| 10.42 | 118.00 | 715 | |
| 10.42 | 58.00 | 115 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

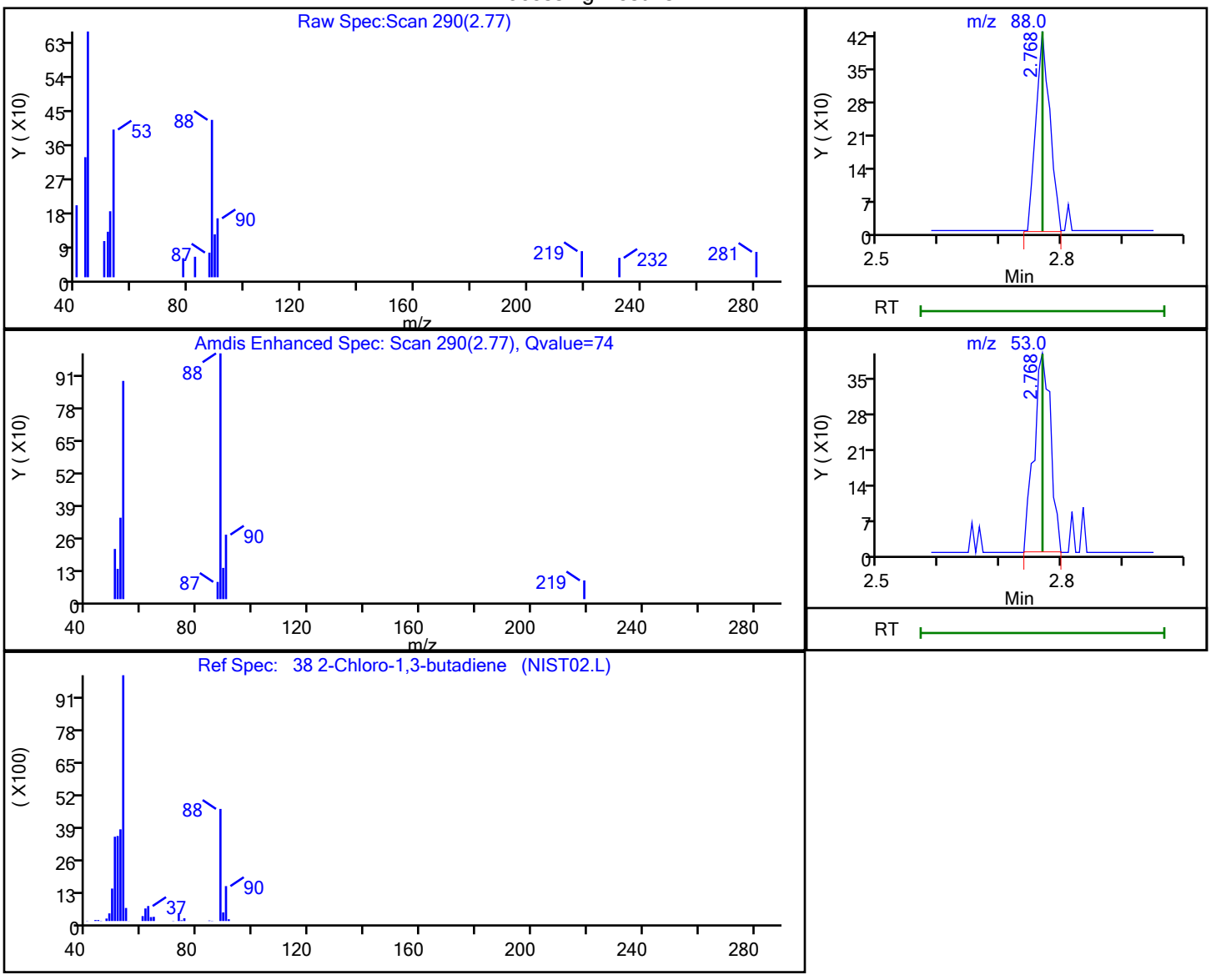
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 38 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.77 | 88.00 | 664 | 0.239490 |
| 2.77 | 53.00 | 750 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

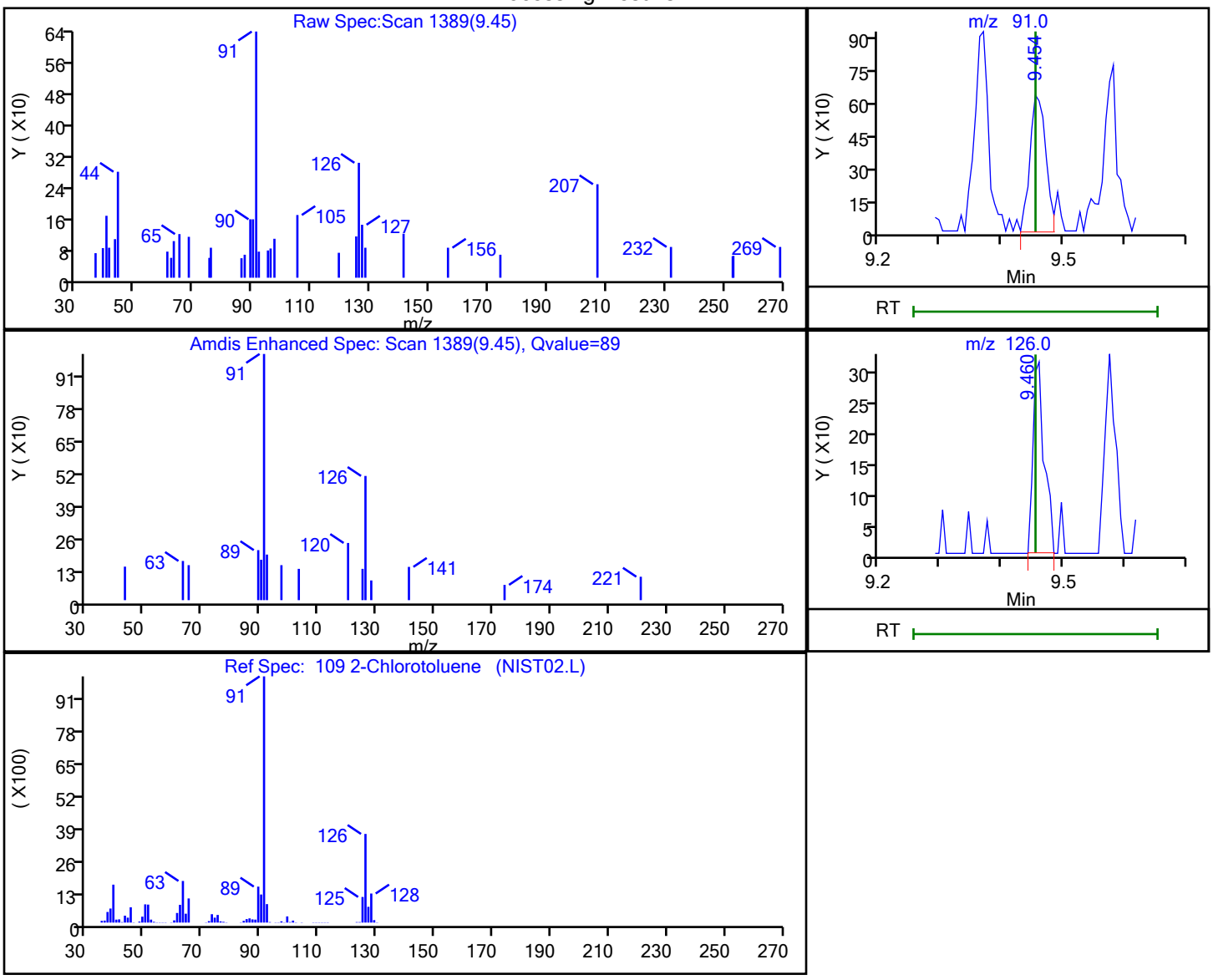
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 109 2-Chlorotoluene, CAS: 95-49-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.45 | 91.00 | 1140 | 0.194393 |
| 9.46 | 126.00 | 400 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

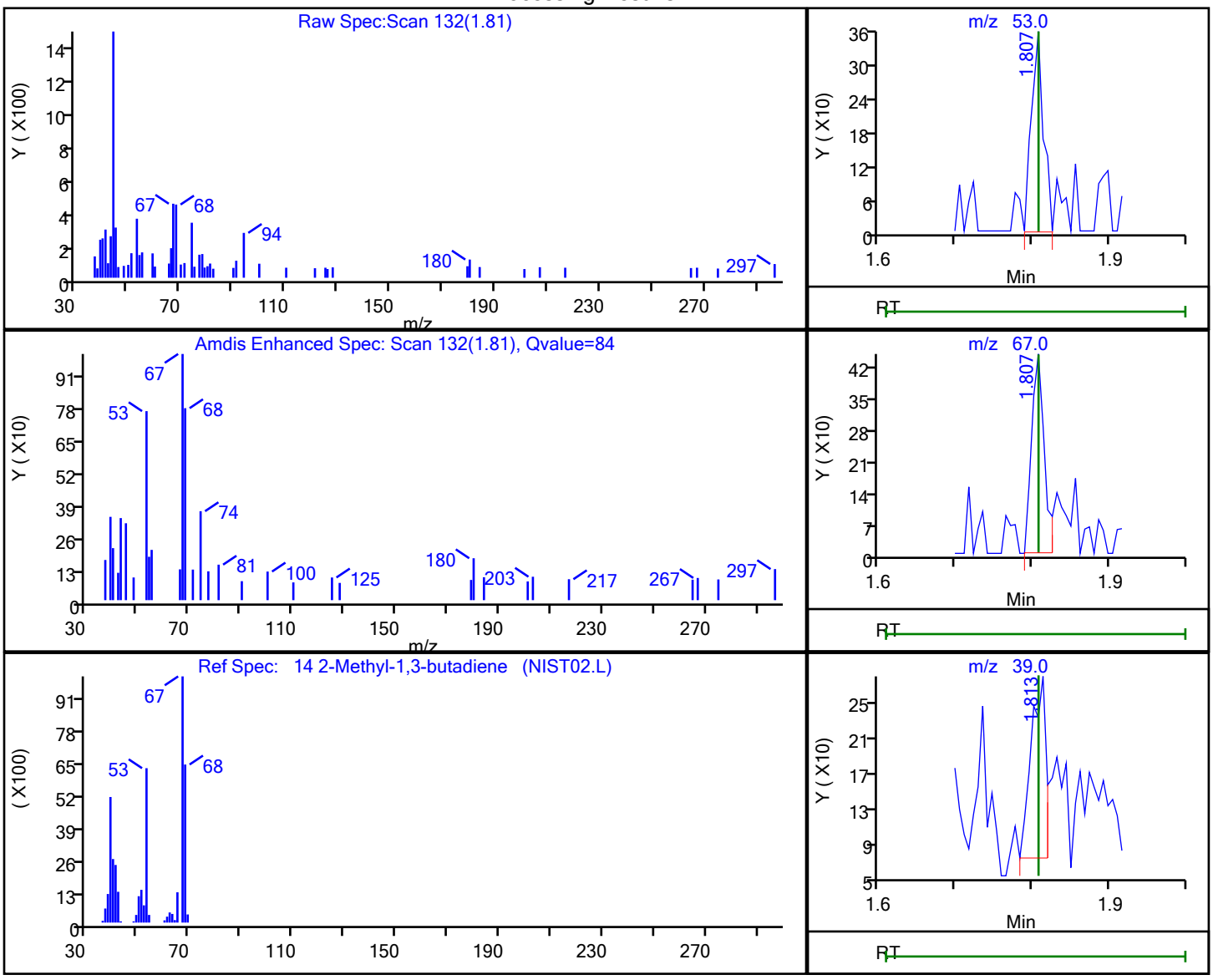
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.81 | 53.00 | 389 | 0.204507 |
| 1.81 | 67.00 | 516 | |
| 1.81 | 39.00 | 273 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

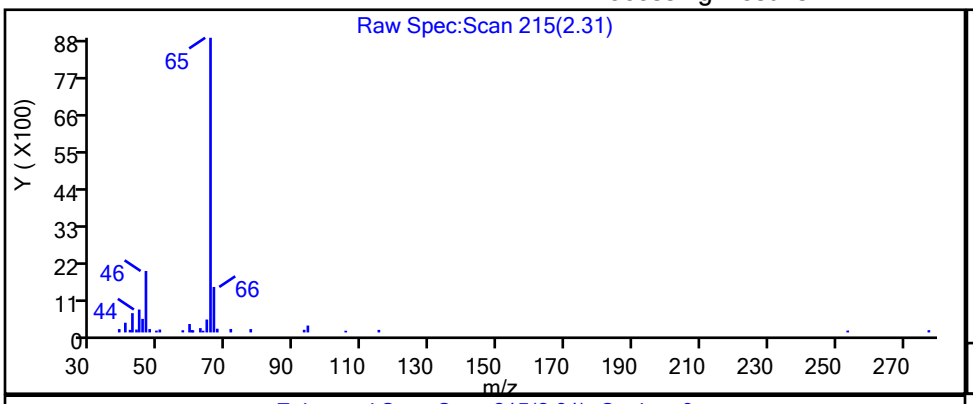
User Disabled Compound Report

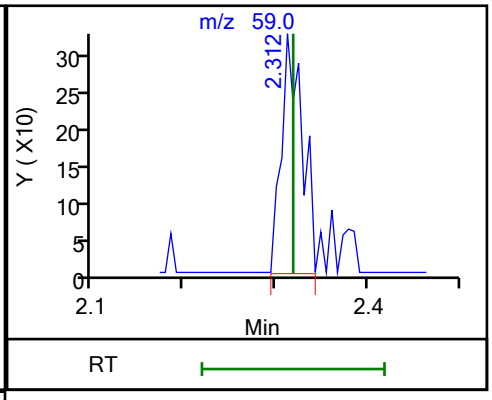
Eurofins Edison

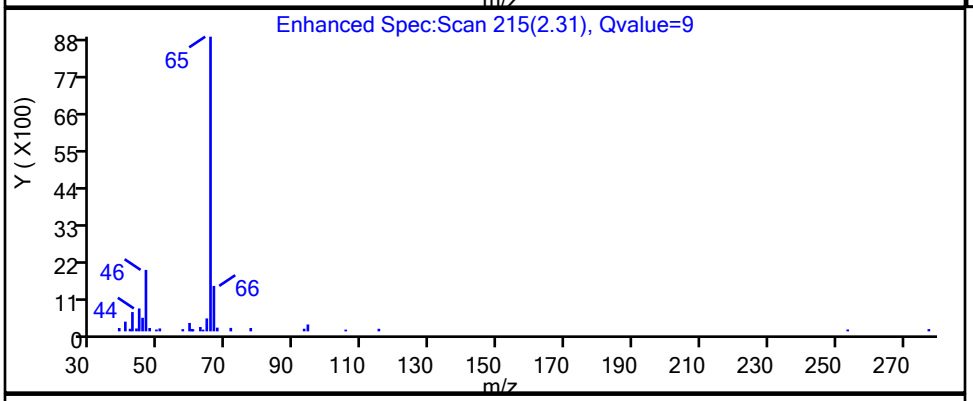
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

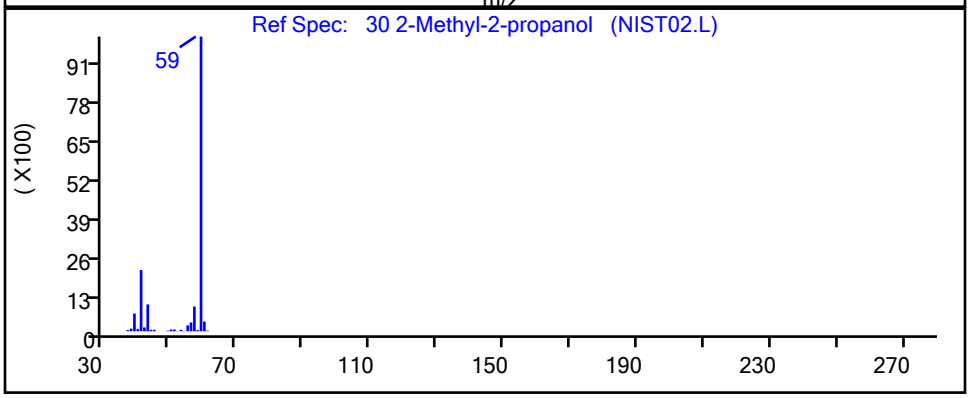
## 30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.31 | 59.00 | 514 | 2.327275 |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

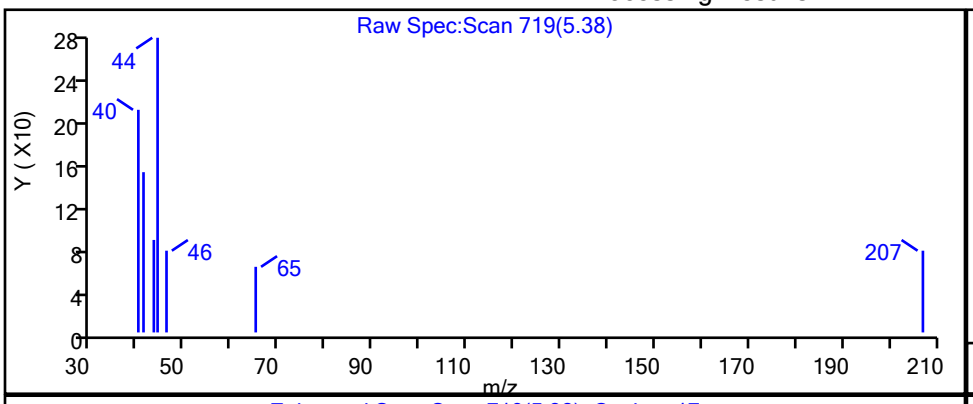
User Disabled Compound Report

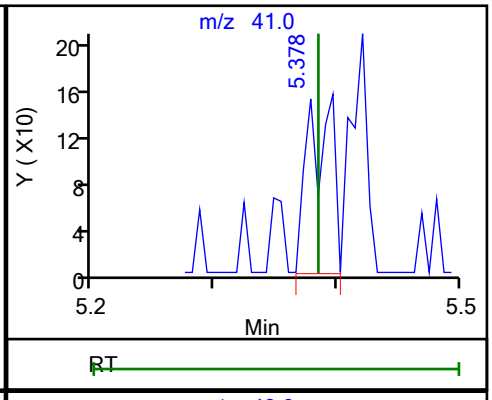
Eurofins Edison

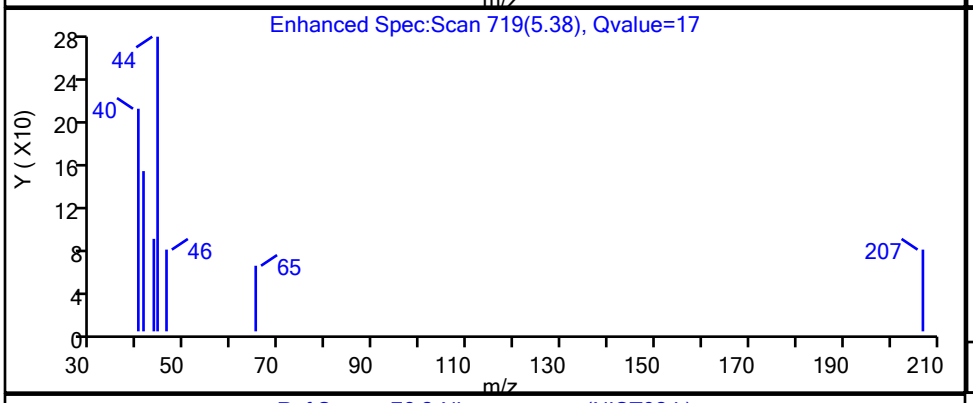
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

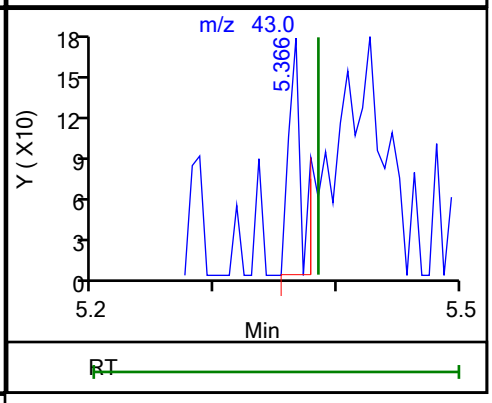
## 76 2-Nitropropane, CAS: 79-46-9

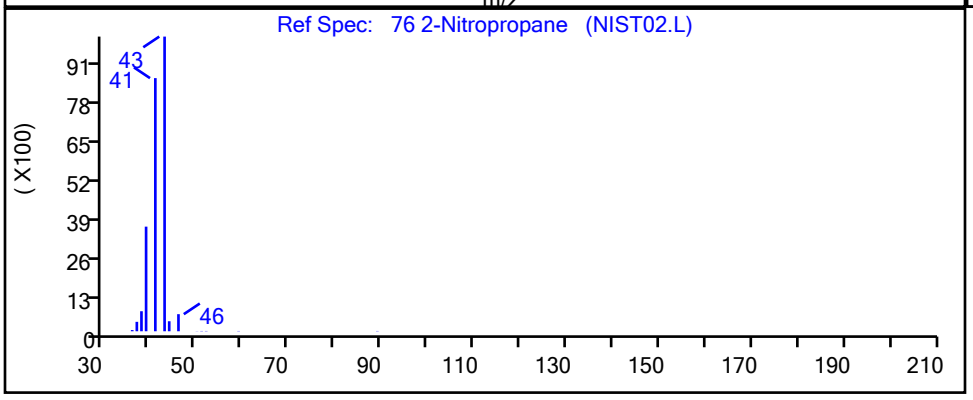
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.38 | 41.00 | 213 | 0.467994 |
| 5.37 | 43.00 | 131 | |

Reviewer: NN6A, 26-Jul-2025 16:29:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

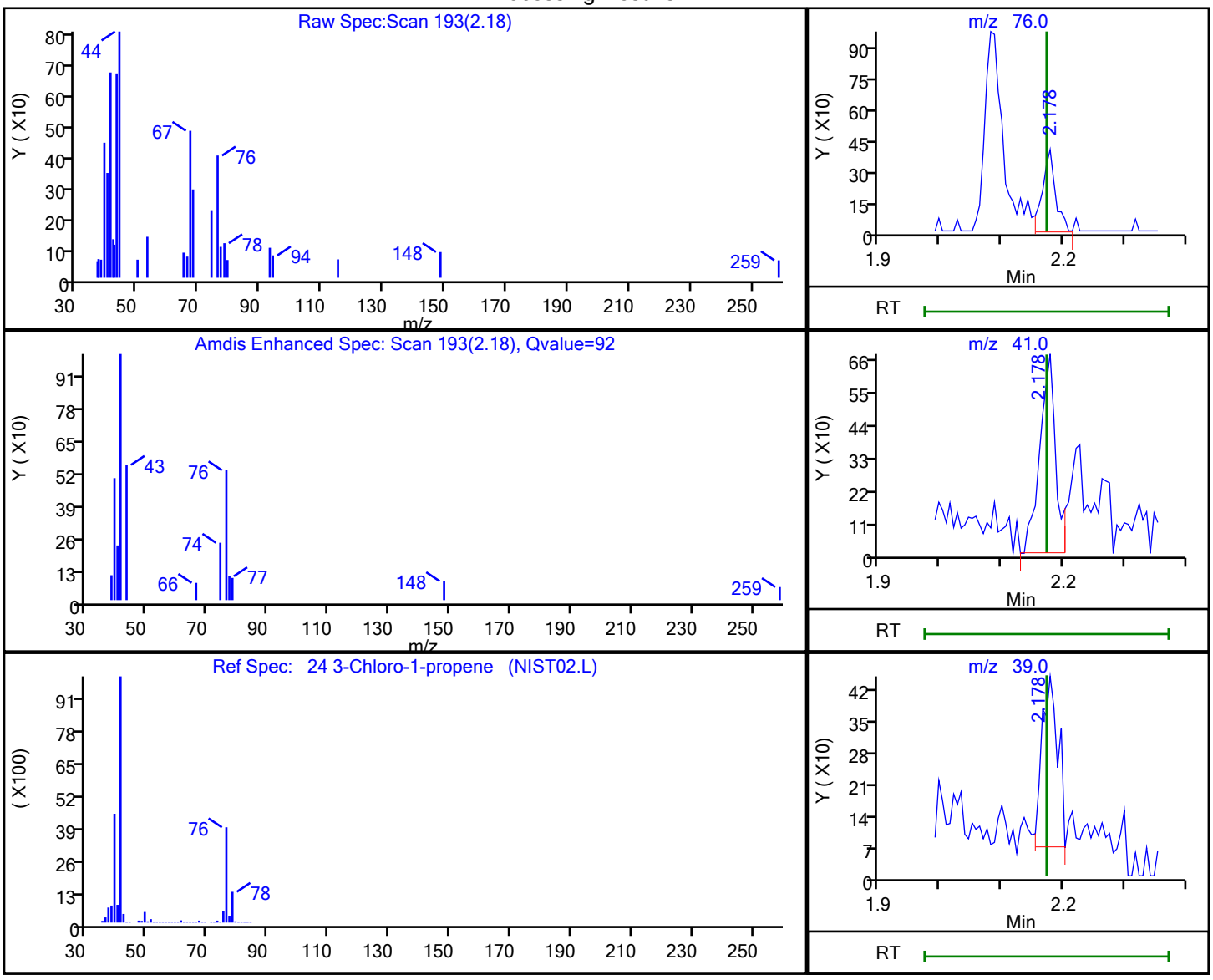
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.18 | 76.00 | 588 | 0.278543 |
| 2.18 | 41.00 | 1211 | |
| 2.18 | 39.00 | 696 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

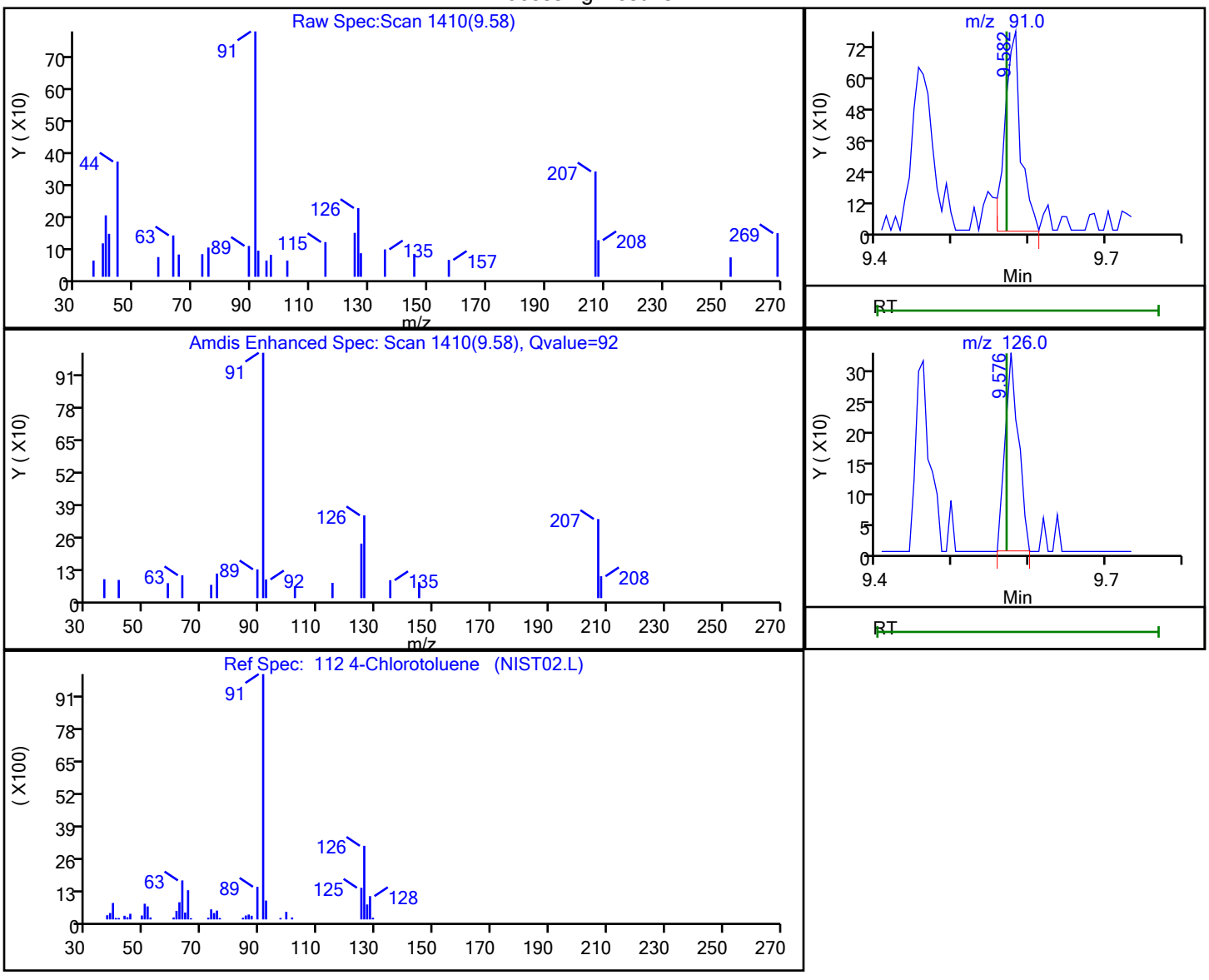
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 112 4-Chlorotoluene, CAS: 106-43-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.58 | 91.00 | 1100 | 0.196413 |
| 9.58 | 126.00 | 397 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

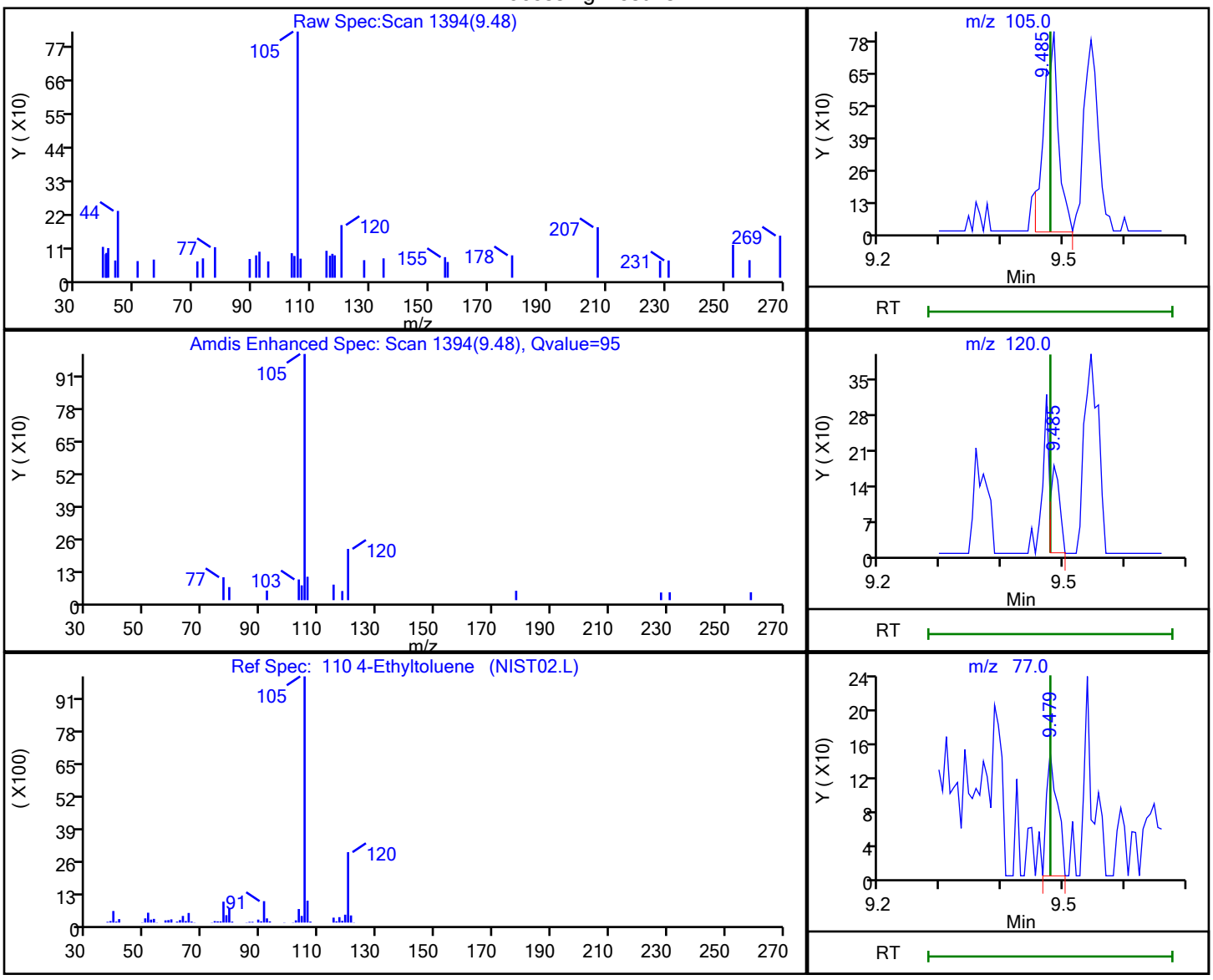
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 110 4-Ethyltoluene, CAS: 622-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.48 | 105.00 | 1329 | 0.222080 |
| 9.48 | 120.00 | 180 | |
| 9.48 | 77.00 | 180 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

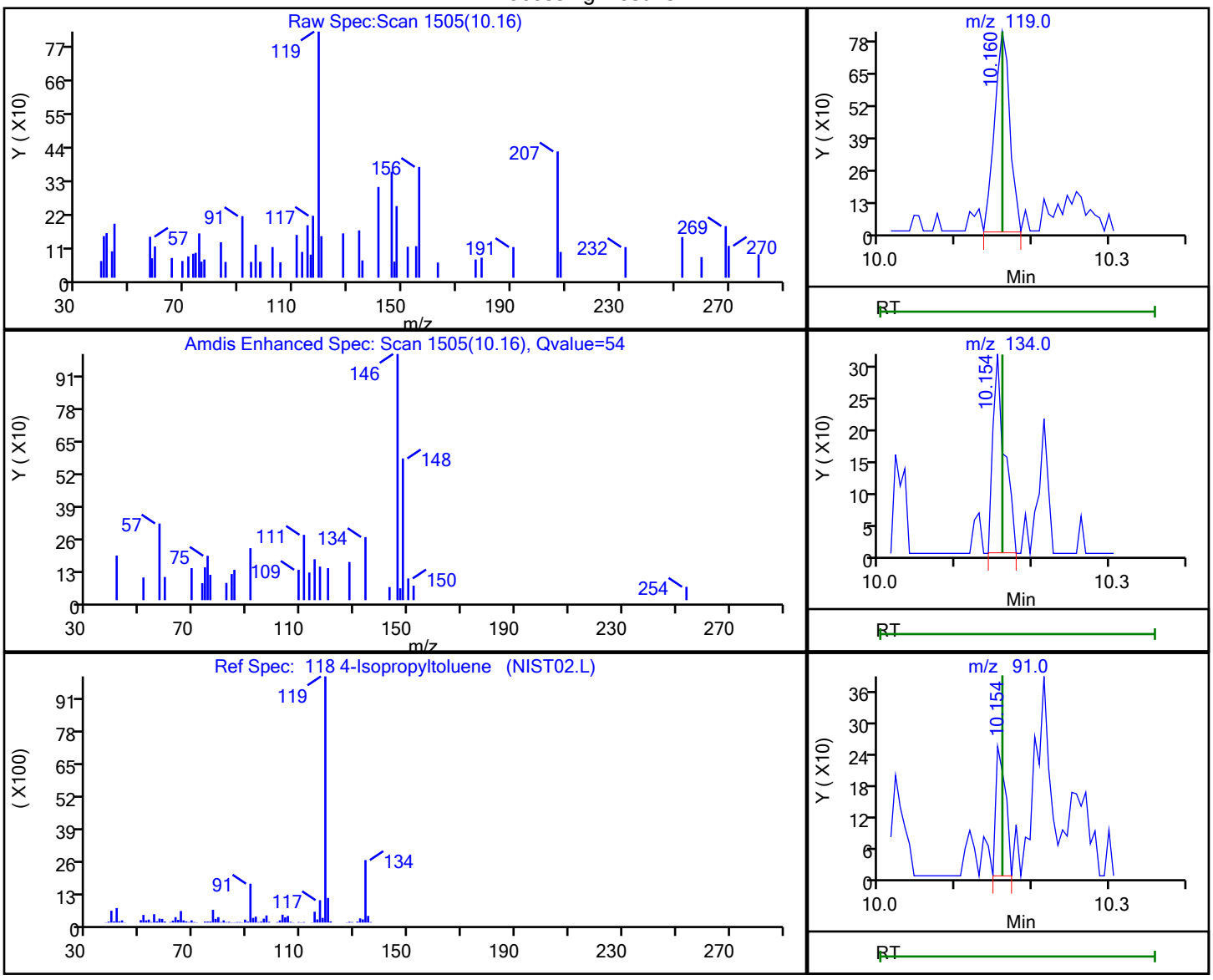
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 118 4-Isopropyltoluene, CAS: 99-87-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.16 | 119.00 | 1122 | 0.227795 |
| 10.15 | 134.00 | 329 | |
| 10.15 | 91.00 | 220 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

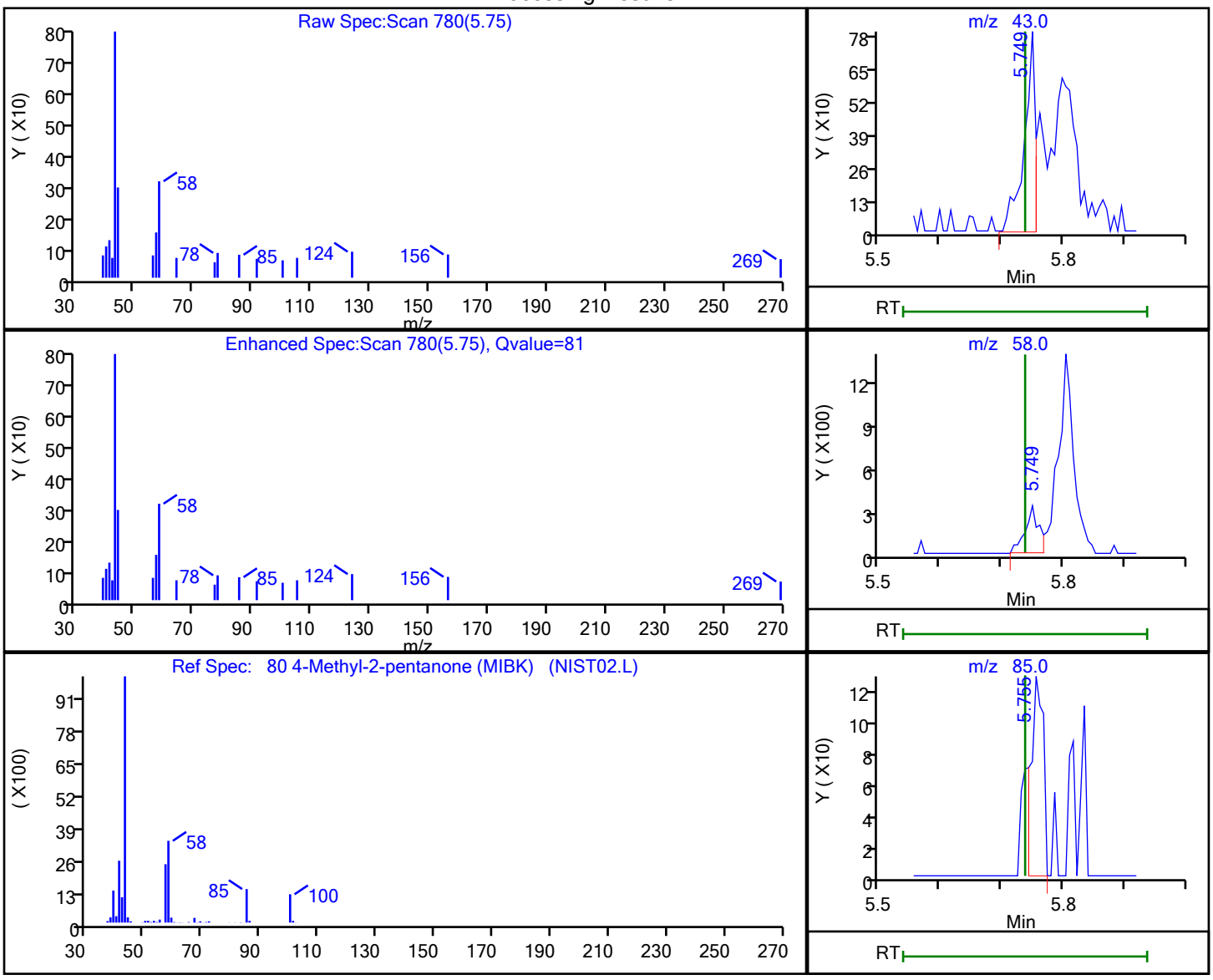
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 80 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.75 | 43.00 | 993 | 0.560762 |
| 5.75 | 58.00 | 489 | |
| 5.76 | 85.00 | 178 | |
| 5.74 | 100.00 | 77 | |

Reviewer: NN6A, 26-Jul-2025 16:29:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

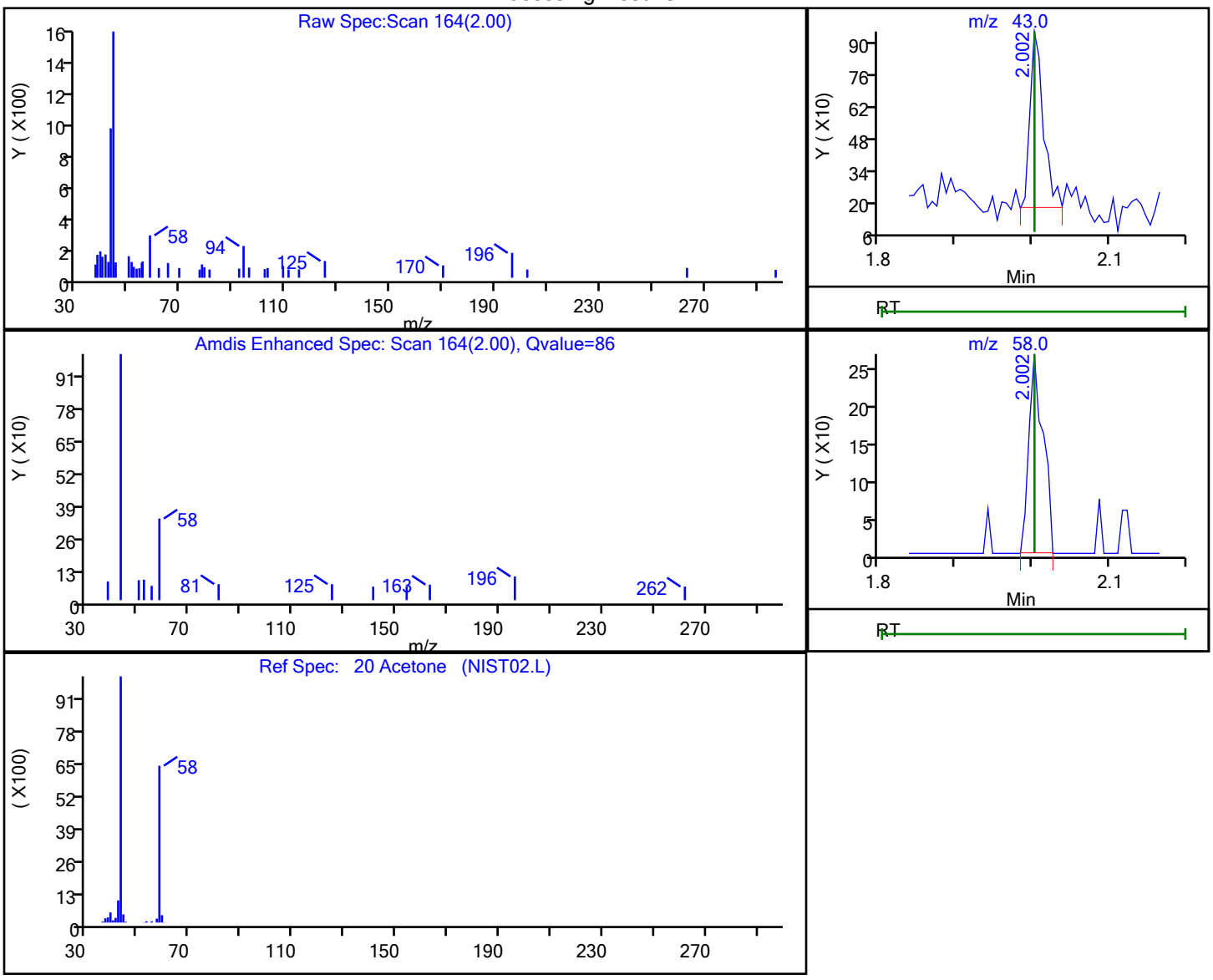
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 20 Acetone, CAS: 67-64-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.00 | 43.00 | 953 | 1.403515 |
| 2.00 | 58.00 | 349 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

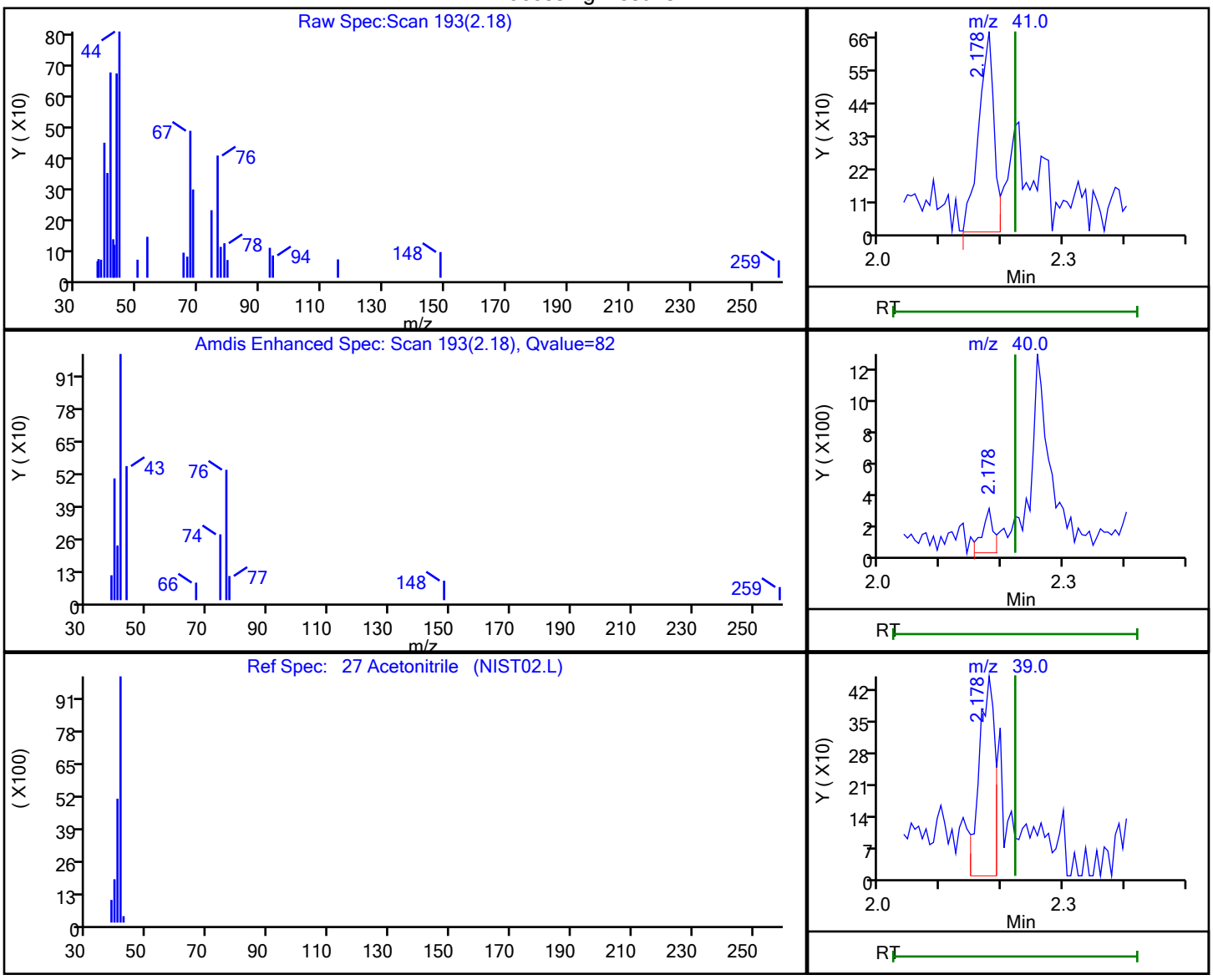
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.18 | 41.00 | 1156 | 3.088500 |
| 2.18 | 40.00 | 334 | |
| 2.18 | 39.00 | 790 | |
| 2.18 | 38.00 | 160 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

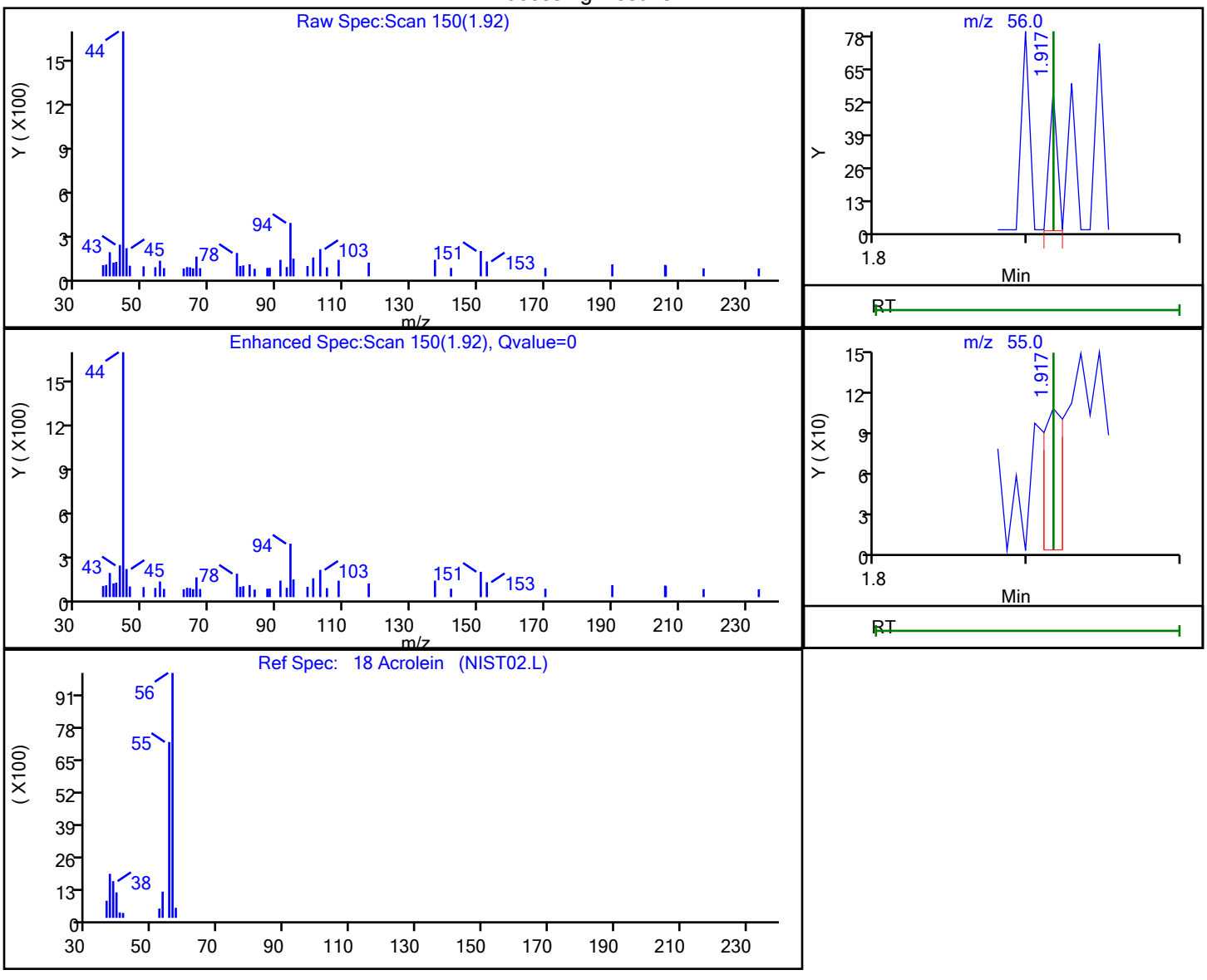
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 18 Acrolein, CAS: 107-02-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.92 | 56.00 | 20 | 0.056682 |
| 1.92 | 55.00 | 107 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

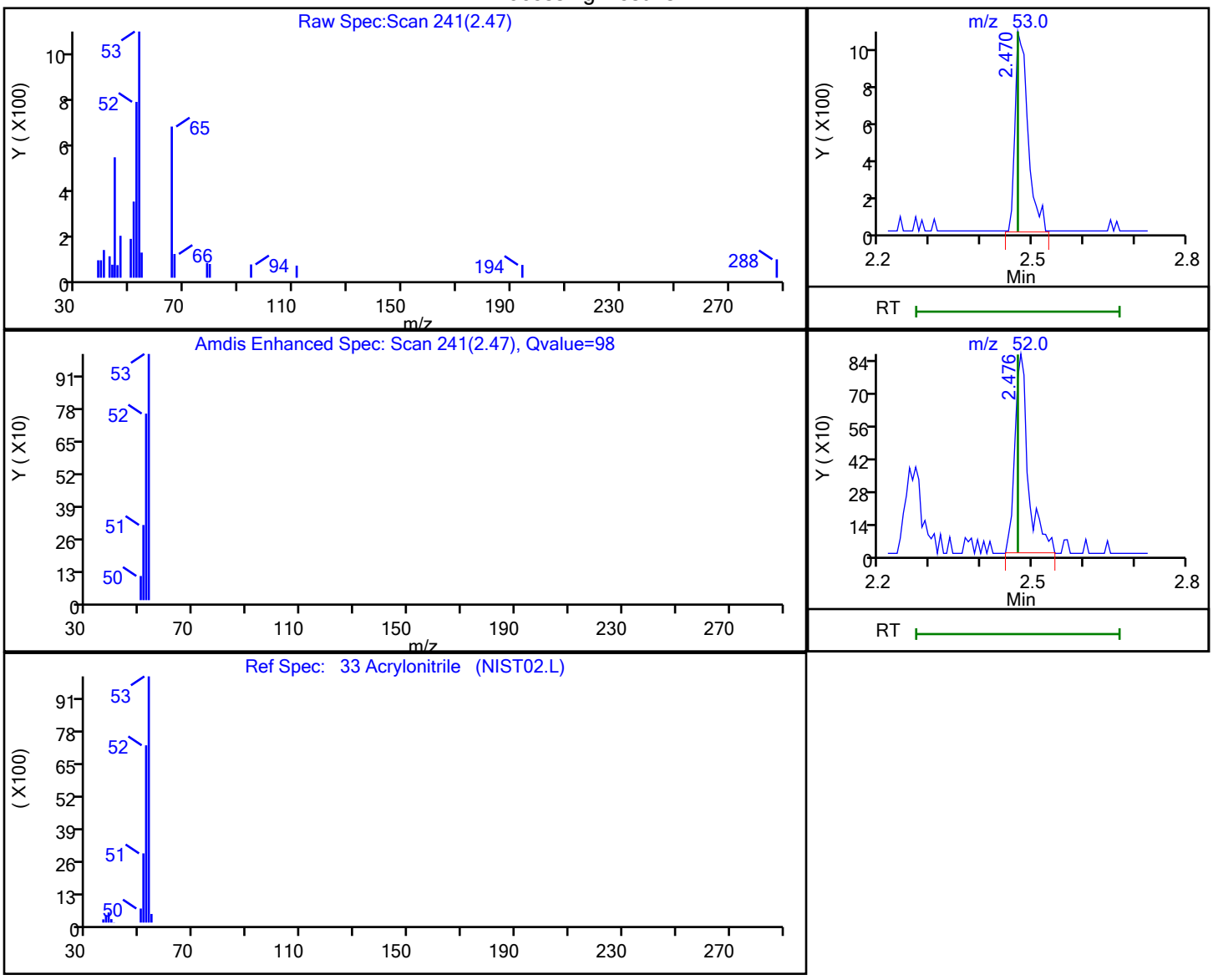
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 33 Acrylonitrile, CAS: 107-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.47 | 53.00 | 1845 | 2.011100 |
| 2.48 | 52.00 | 1593 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

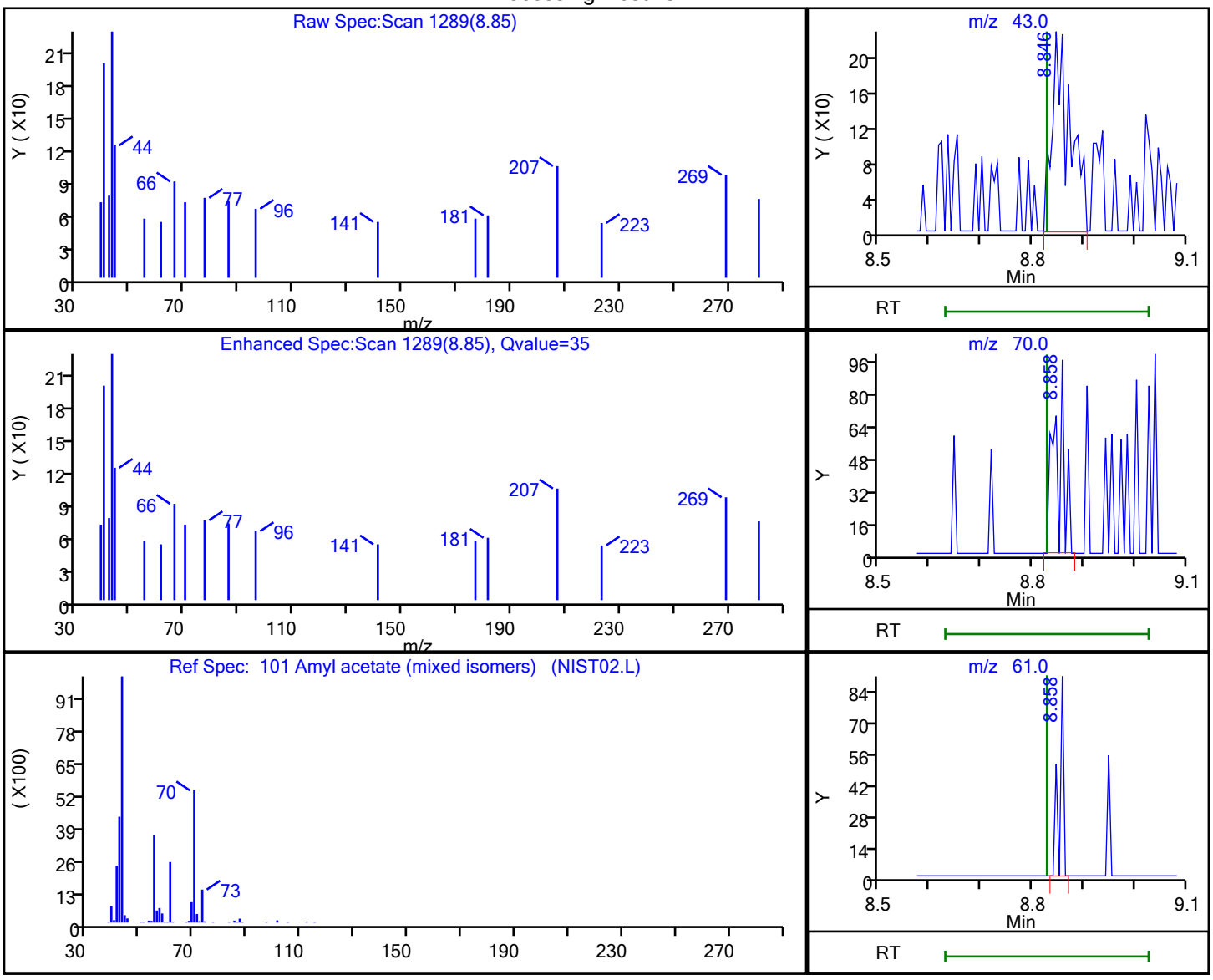
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 101 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.85 | 43.00 | 555 | 0.201744 |
| 8.86 | 70.00 | 121 | |
| 8.86 | 61.00 | 52 | |

Reviewer: NN6A, 26-Jul-2025 16:30:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

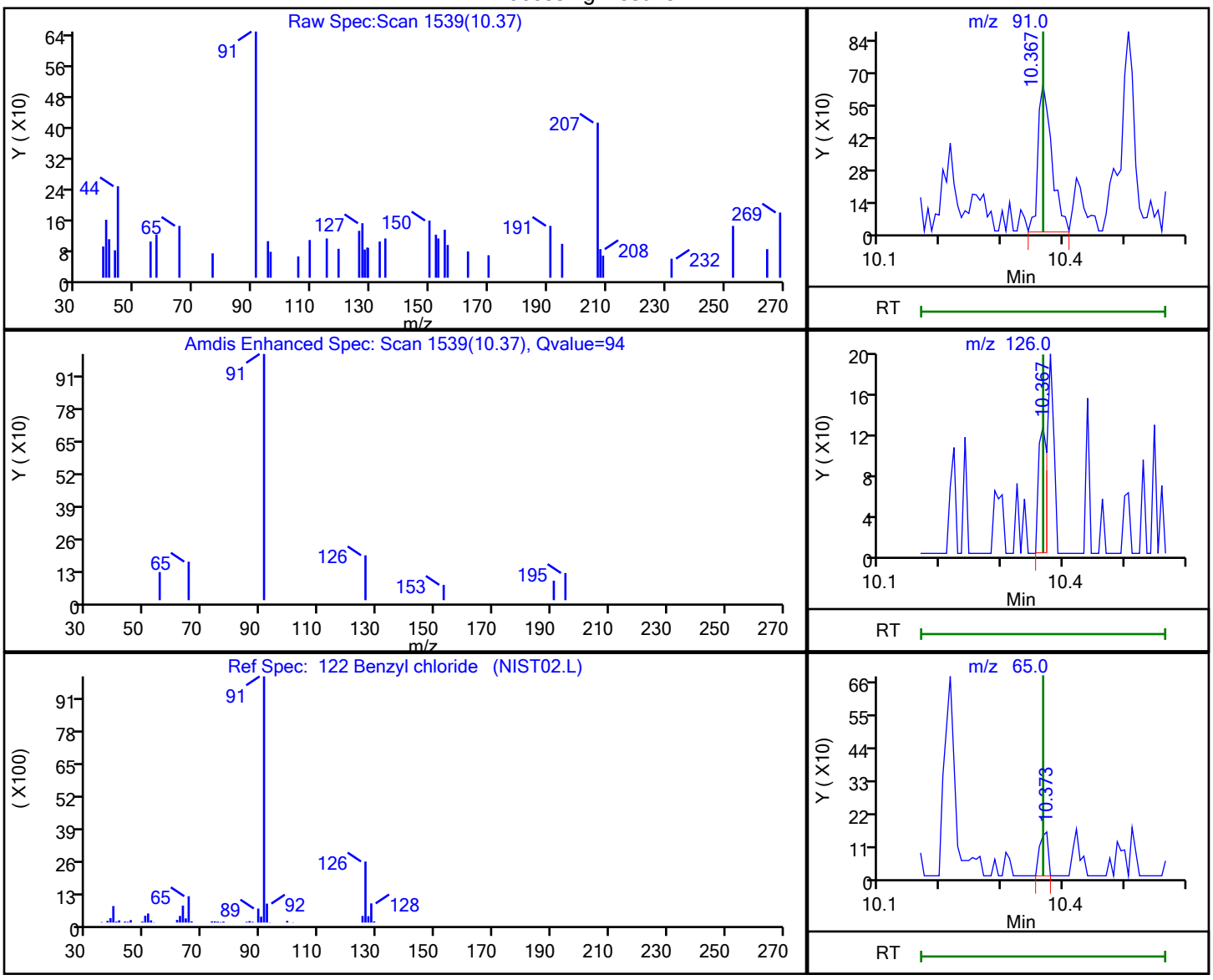
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 122 Benzyl chloride, CAS: 100-44-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.37 | 91.00 | 1000 | 0.236288 |
| 10.37 | 126.00 | 120 | |
| 10.37 | 65.00 | 140 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

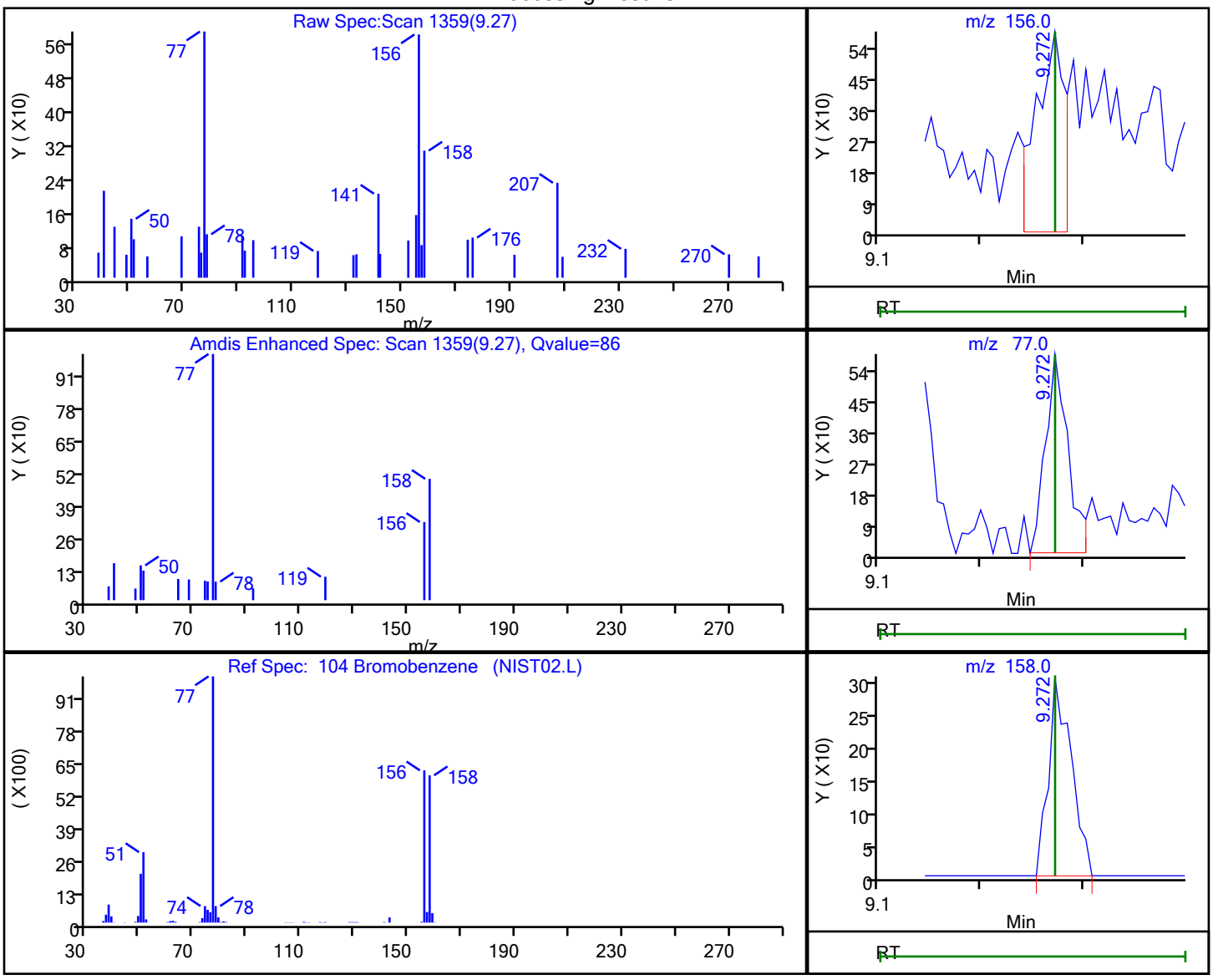
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 104 Bromobenzene, CAS: 108-86-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.27 | 156.00 | 1149 | 0.458971 |
| 9.27 | 77.00 | 910 | |
| 9.27 | 158.00 | 470 | |

Reviewer: NN6A, 26-Jul-2025 16:30:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

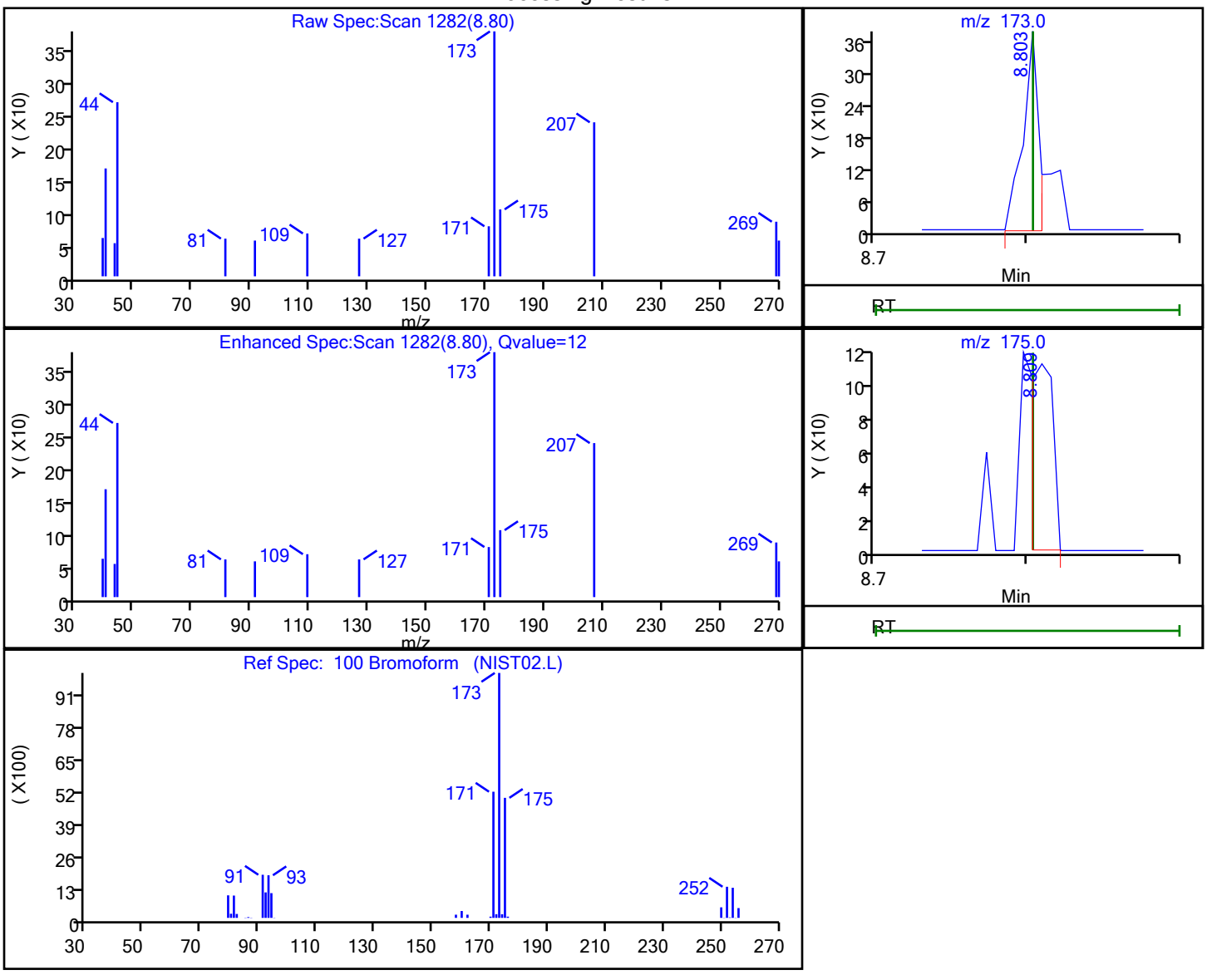
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 100 Bromoform, CAS: 75-25-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.80 | 173.00 | 270 | 0.176386 |
| 8.81 | 175.00 | 116 | |

Reviewer: NN6A, 26-Jul-2025 16:30:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

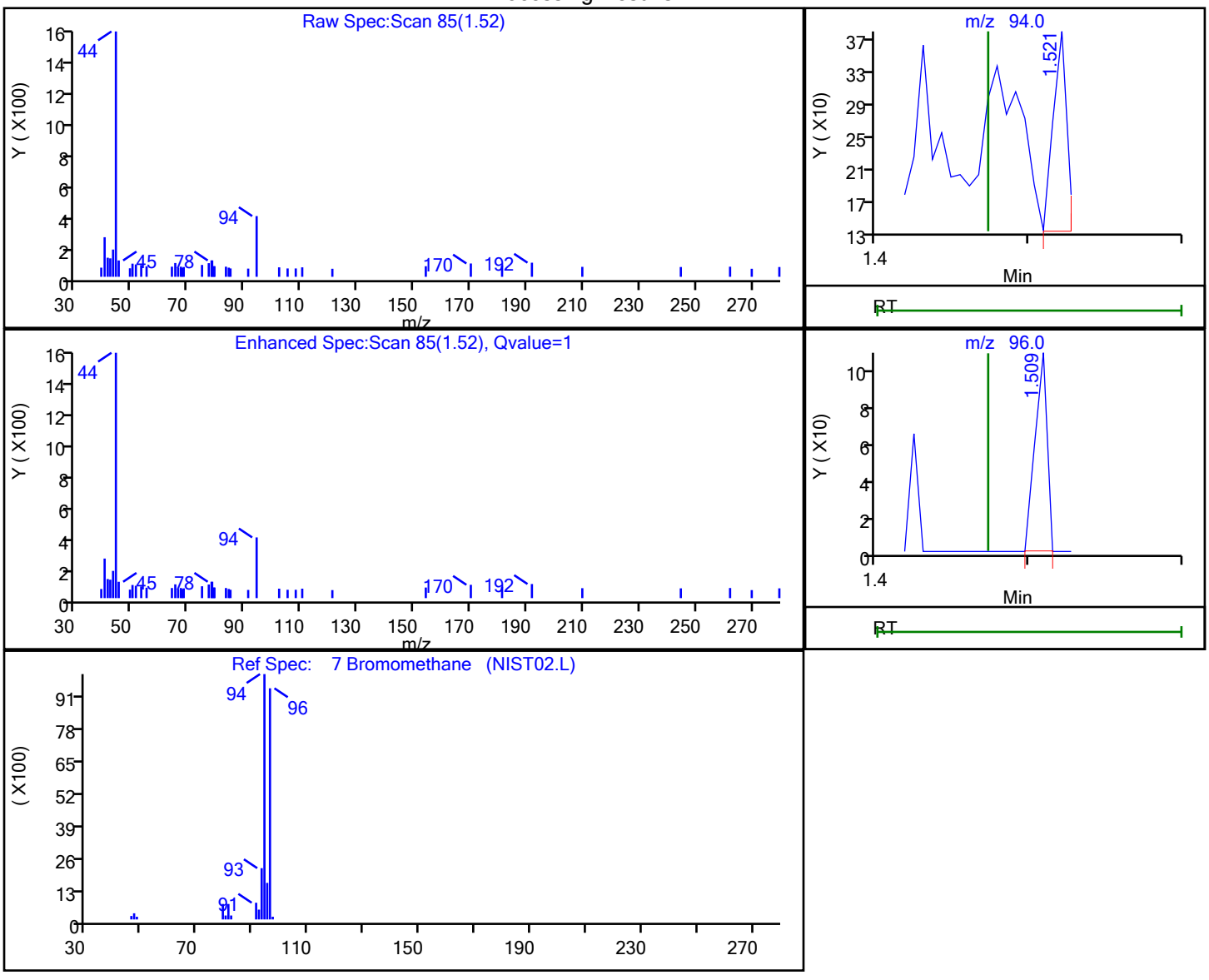
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 7 Bromomethane, CAS: 74-83-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.52 | 94.00 | 155 | 0.083520 |
| 1.51 | 96.00 | 60 | |

Reviewer: NN6A, 26-Jul-2025 16:28:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

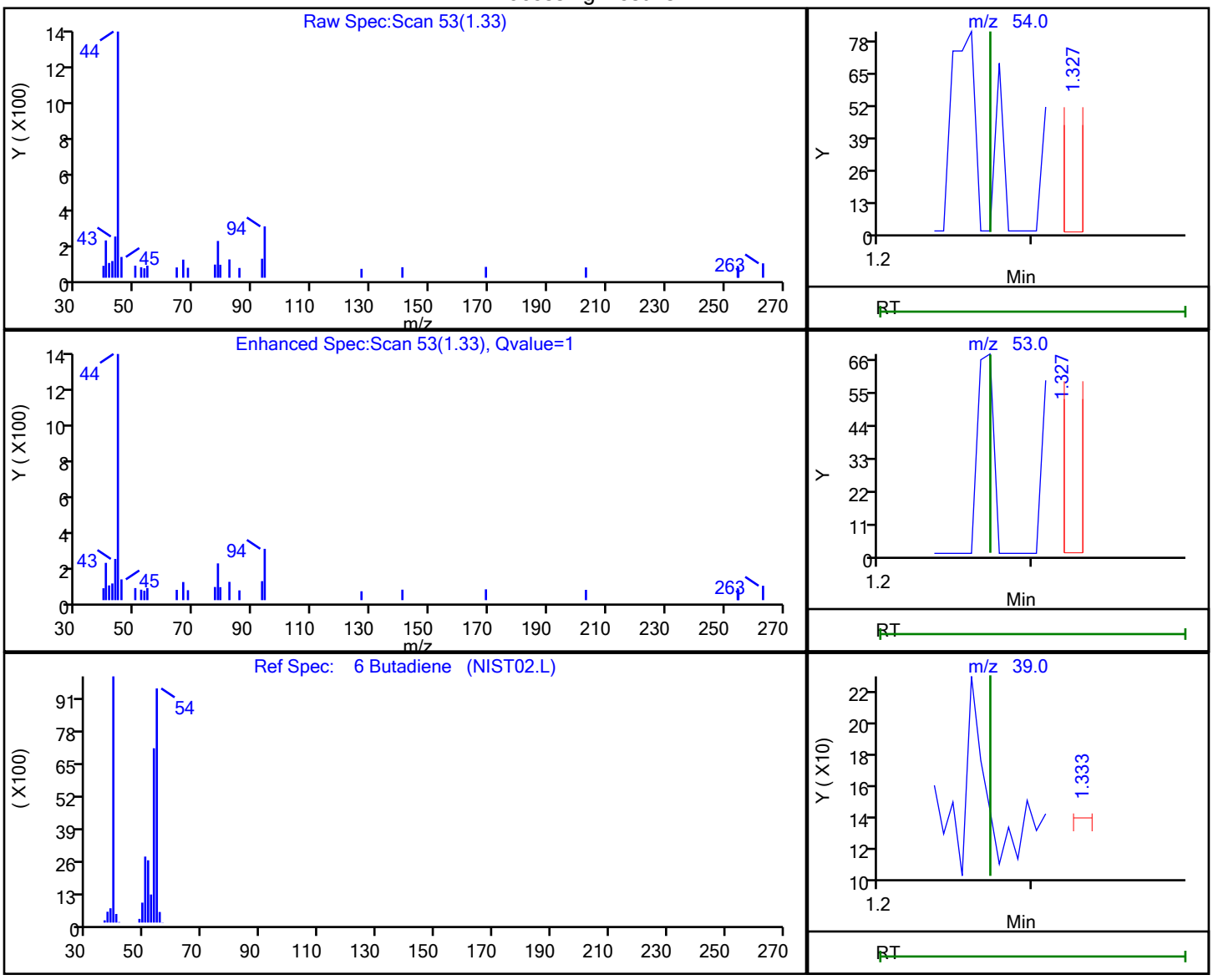
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D | | | | |
| Injection Date: | 26-Jul-2025 14:53:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD9 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 6 Butadiene, CAS: 106-99-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.33 | 54.00 | 25 | 0.011429 |
| 1.33 | 53.00 | 19 | |
| 1.33 | 39.00 | 62 | |

Reviewer: NN6A, 26-Jul-2025 16:28:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

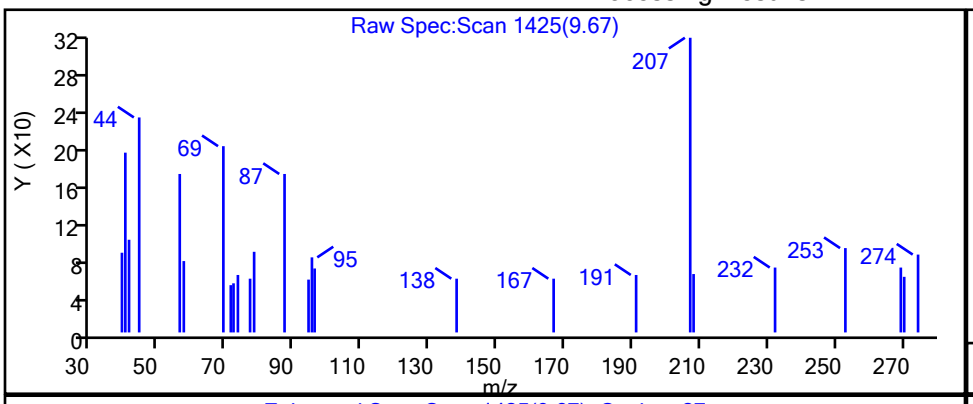
User Disabled Compound Report

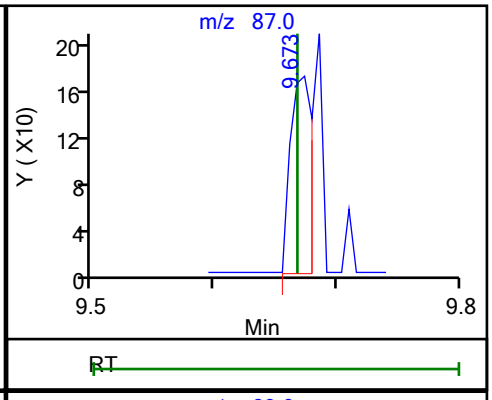
Eurofins Edison

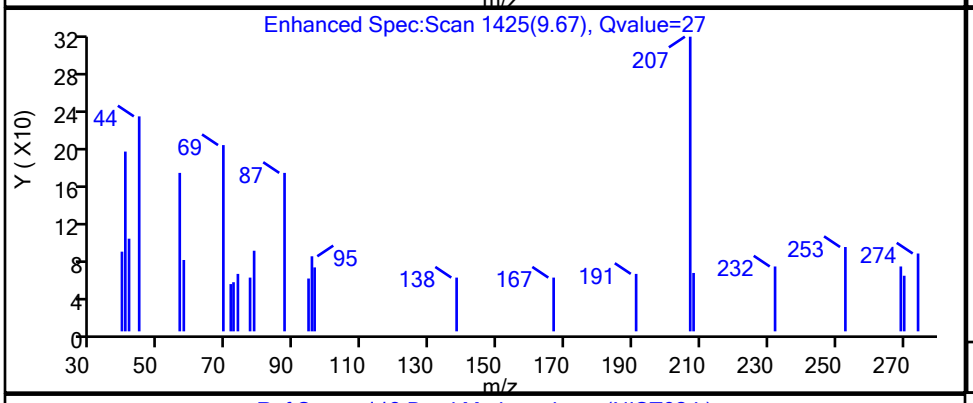
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

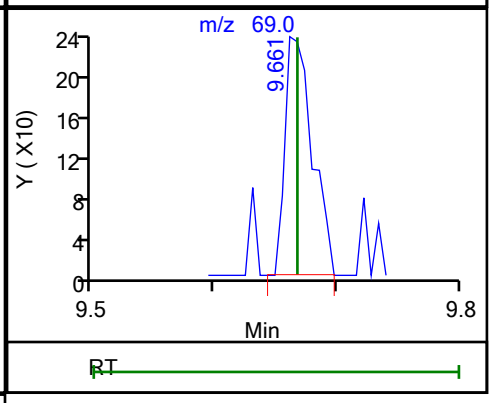
## 113 Butyl Methacrylate, CAS: 97-88-1

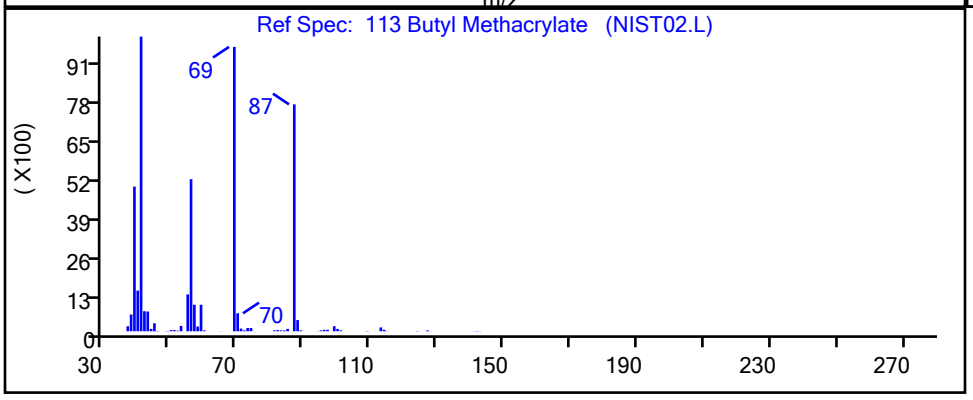
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.67 | 87.00 | 212 | 0.082717 |
| 9.66 | 69.00 | 366 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

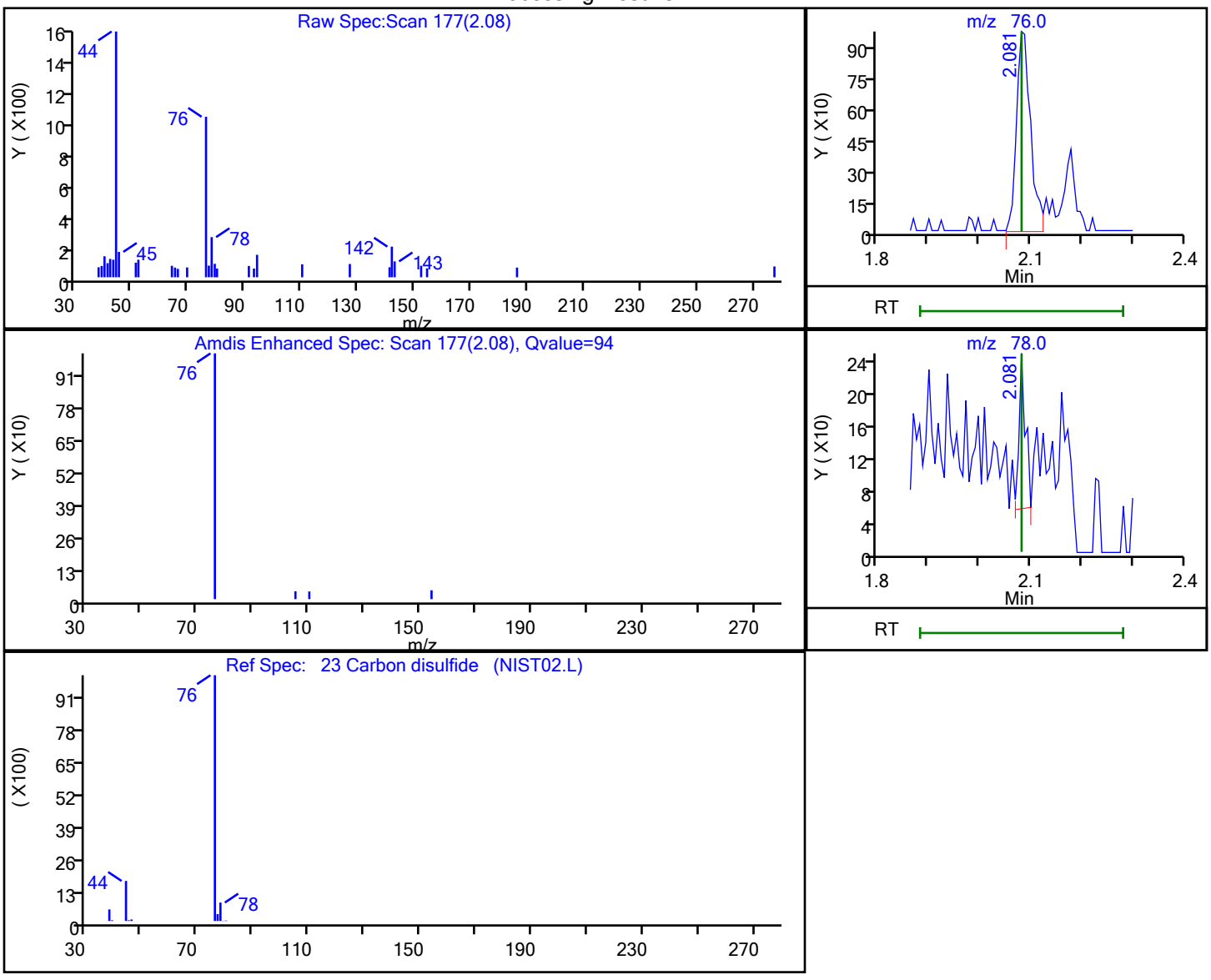
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 23 Carbon disulfide, CAS: 75-15-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.08 | 76.00 | 1880 | 0.174614 |
| 2.08 | 78.00 | 168 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

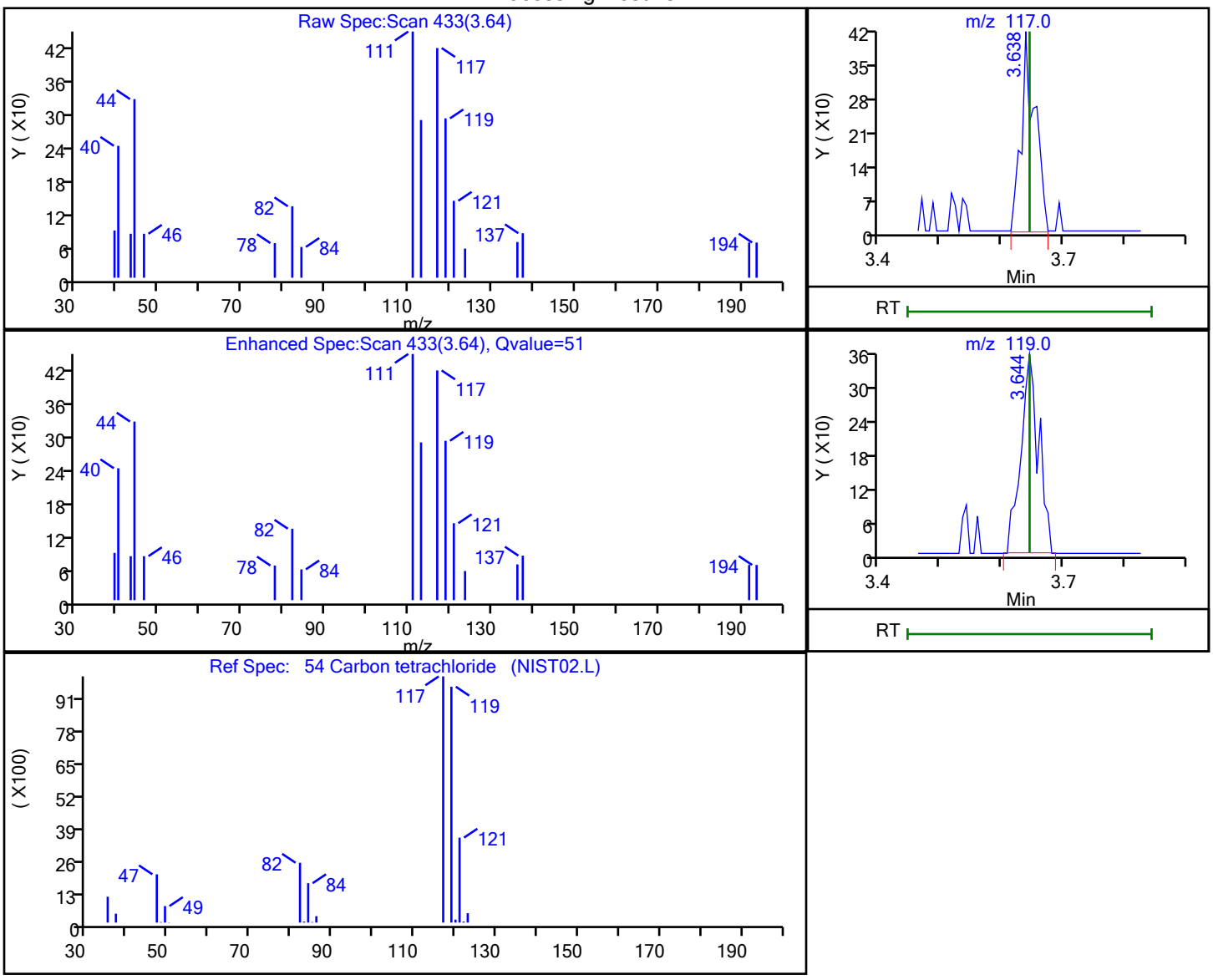
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 54 Carbon tetrachloride, CAS: 56-23-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.64 | 117.00 | 656 | 0.172707 |
| 3.64 | 119.00 | 715 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

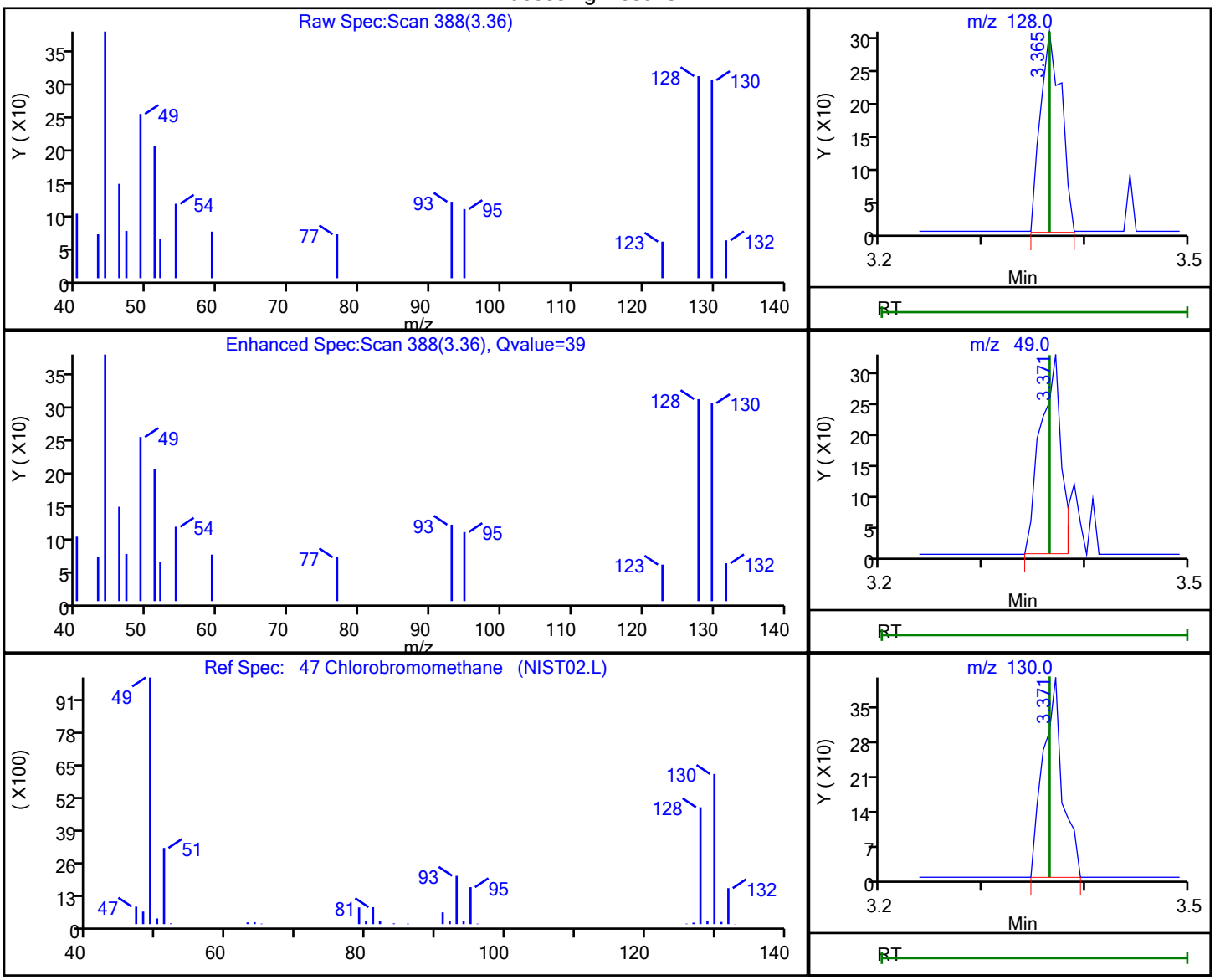
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 47 Chlorobromomethane, CAS: 74-97-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.36 | 128.00 | 430 | 0.217072 |
| 3.37 | 49.00 | 457 | |
| 3.37 | 130.00 | 543 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

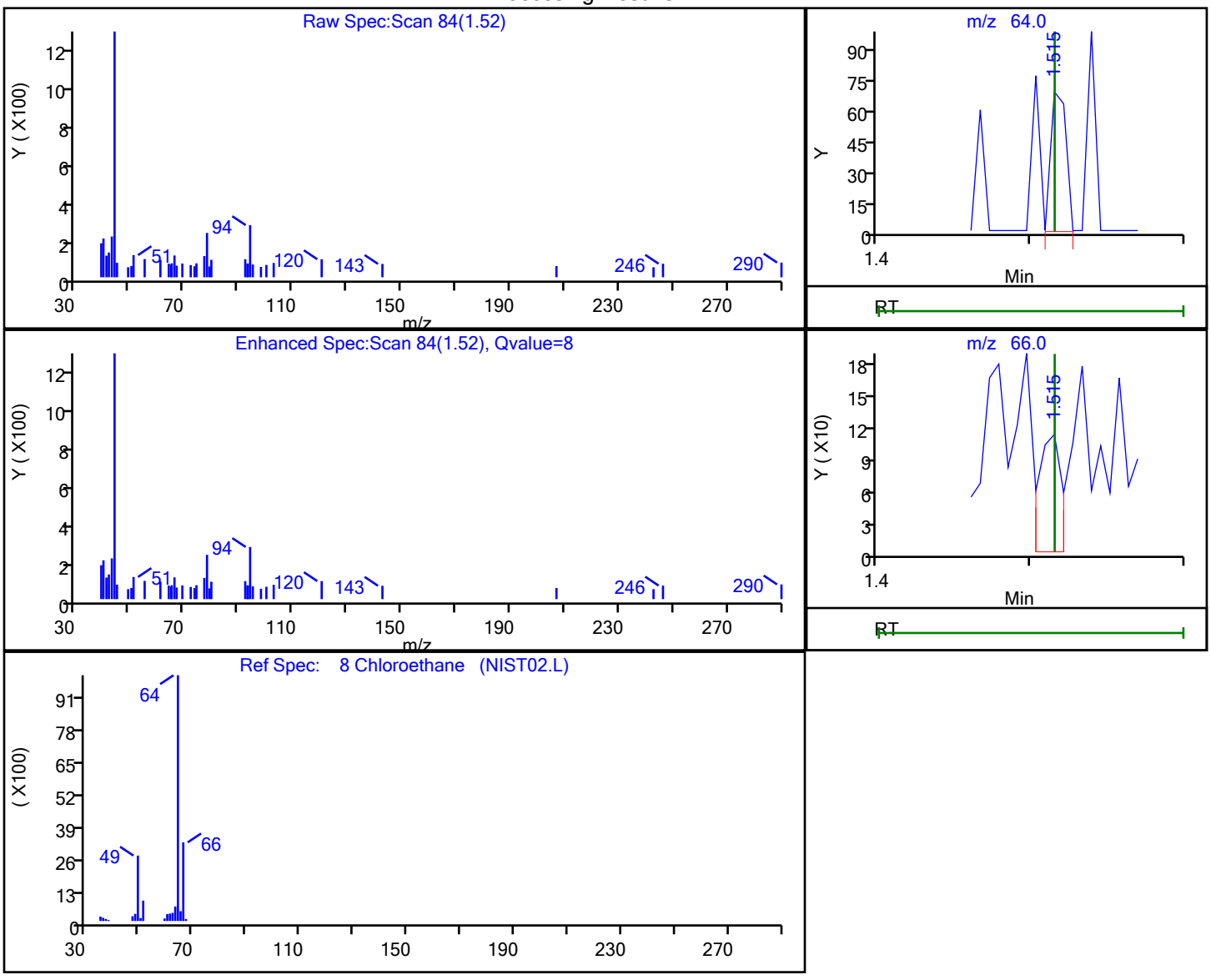
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 8 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.52 | 64.00 | 48 | 0.046141 |
| 1.52 | 66.00 | 119 | |

Reviewer: NN6A, 26-Jul-2025 16:28:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

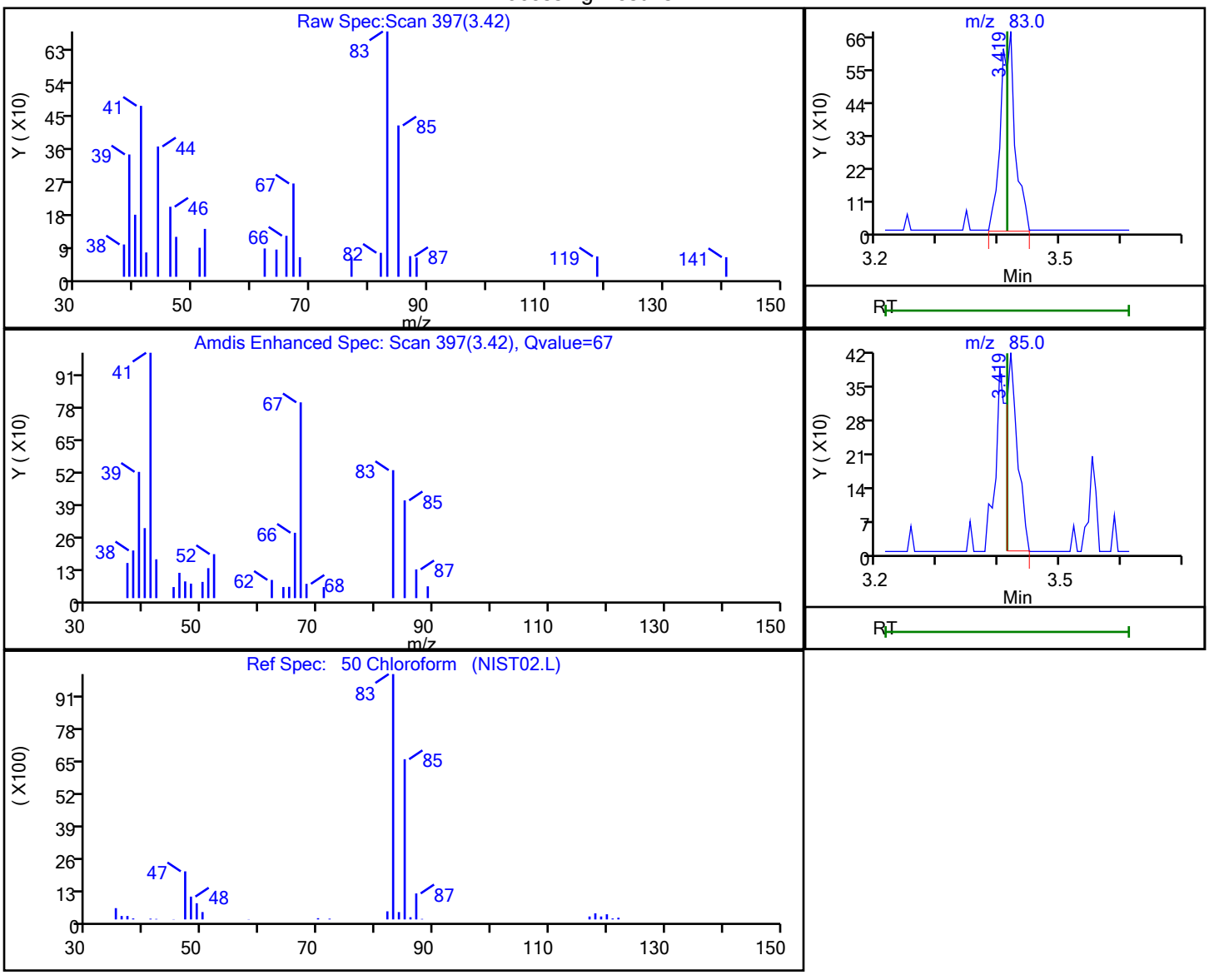
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 50 Chloroform, CAS: 67-66-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.42 | 83.00 | 1096 | 0.186056 |
| 3.42 | 85.00 | 511 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

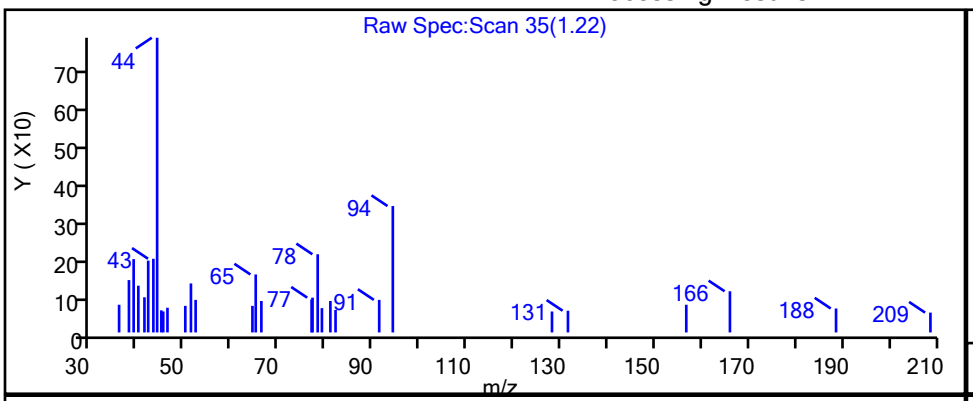
User Disabled Compound Report

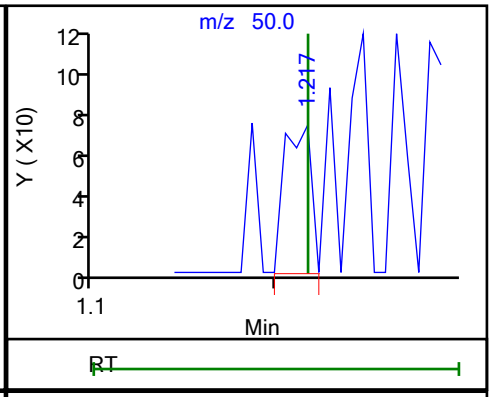
Eurofins Edison

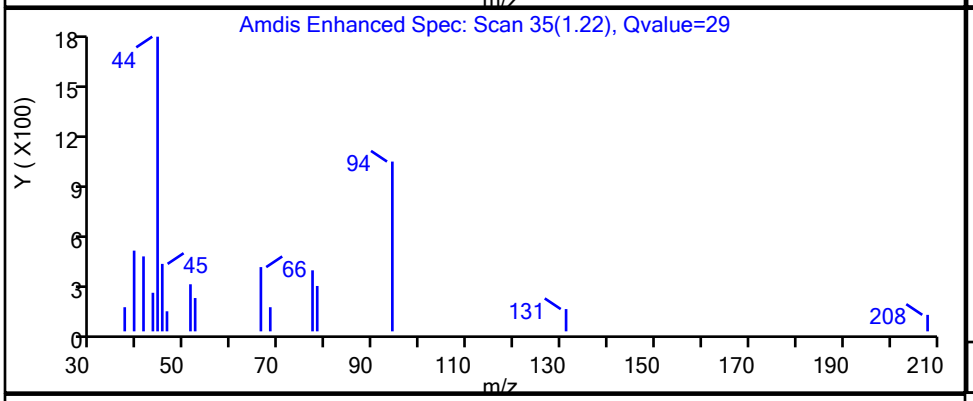
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

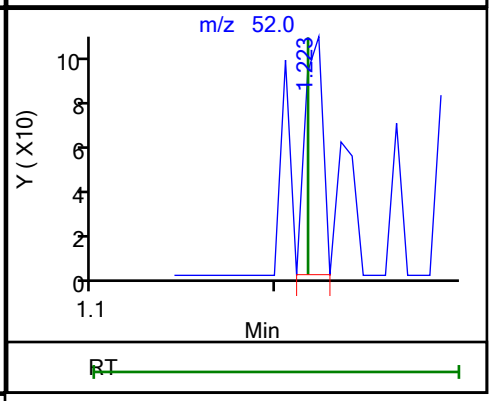
## 4 Chloromethane, CAS: 74-87-3

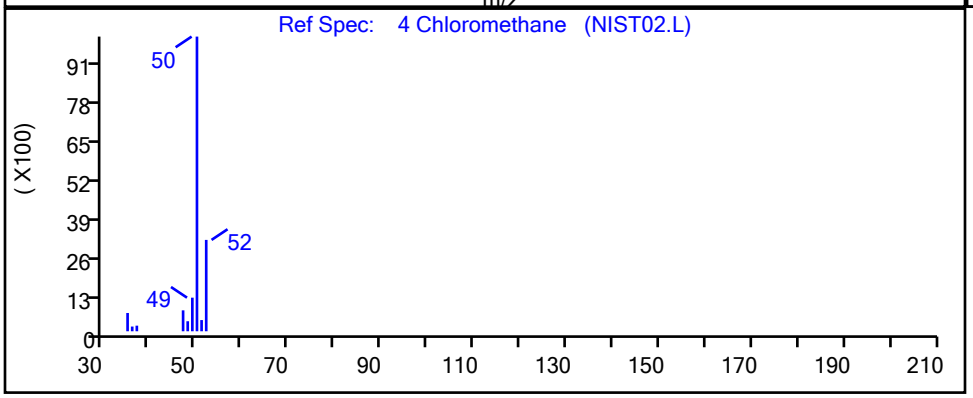
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.22 | 50.00 | 72 | 0.027281 |
| 1.22 | 52.00 | 69 | |

Reviewer: NN6A, 26-Jul-2025 16:28:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

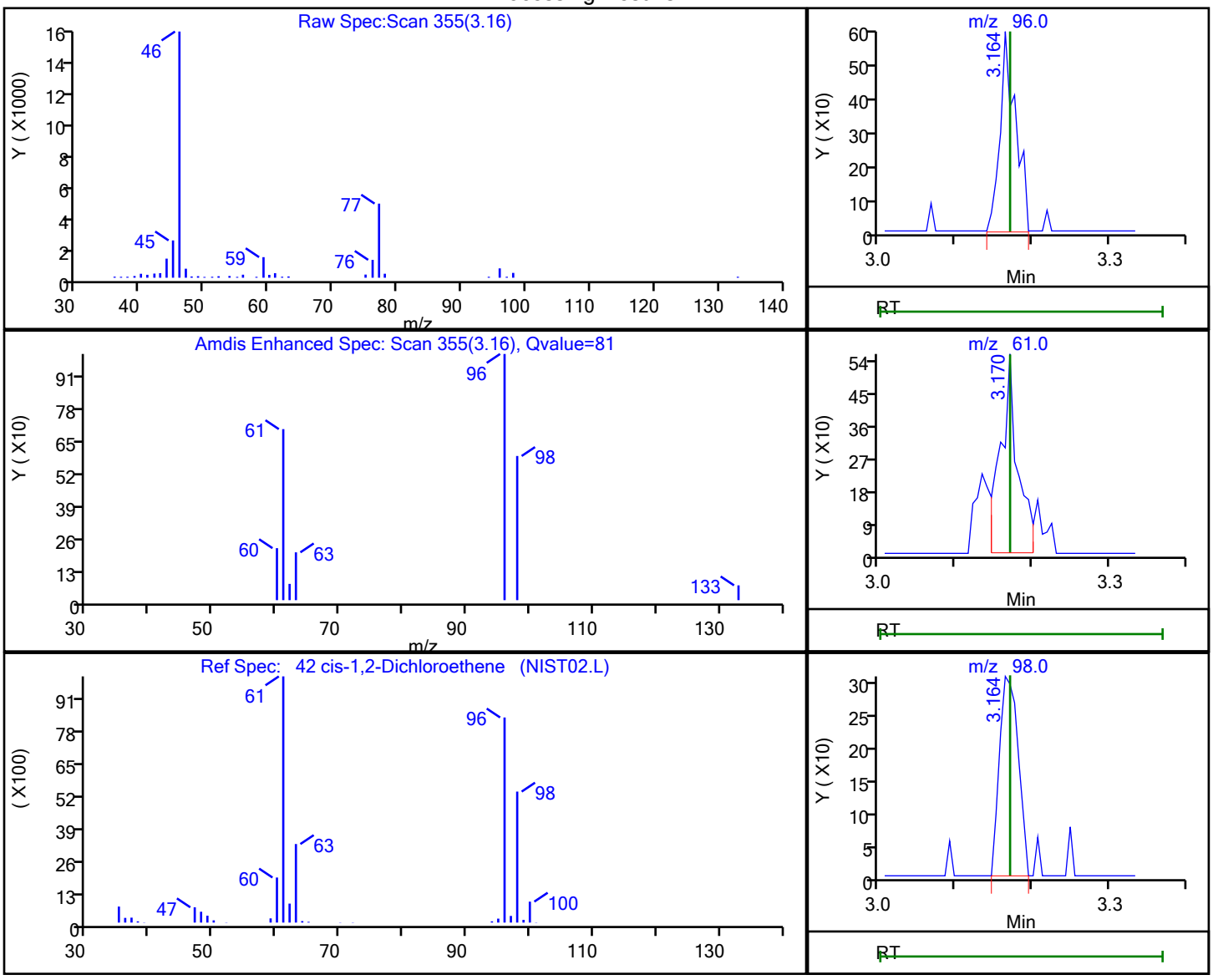
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 42 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.16 | 96.00 | 846 | 0.217650 |
| 3.17 | 61.00 | 877 | |
| 3.16 | 98.00 | 531 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

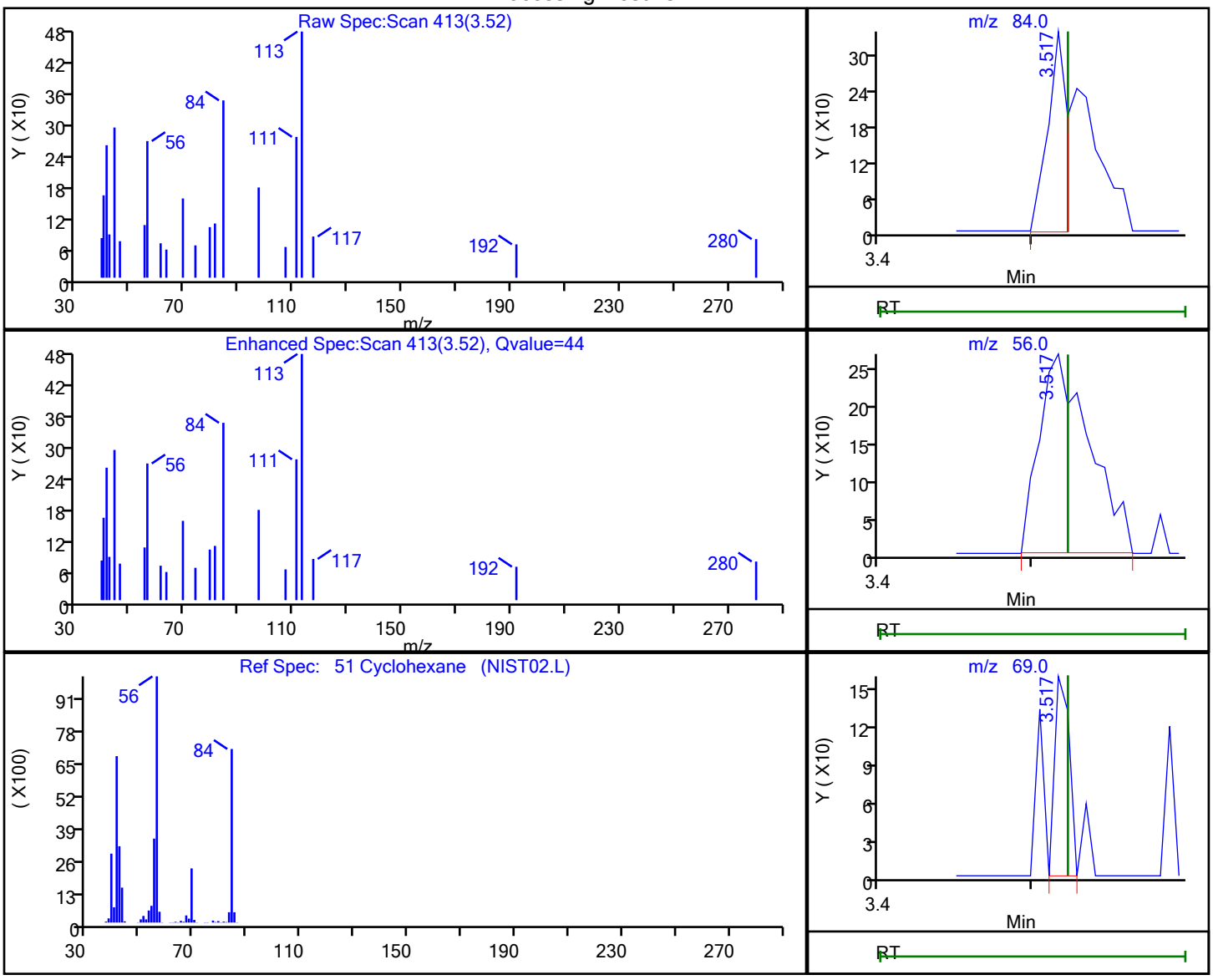
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 51 Cyclohexane, CAS: 110-82-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.52 | 84.00 | 295 | 0.112676 |
| 3.52 | 56.00 | 607 | |
| 3.52 | 69.00 | 101 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

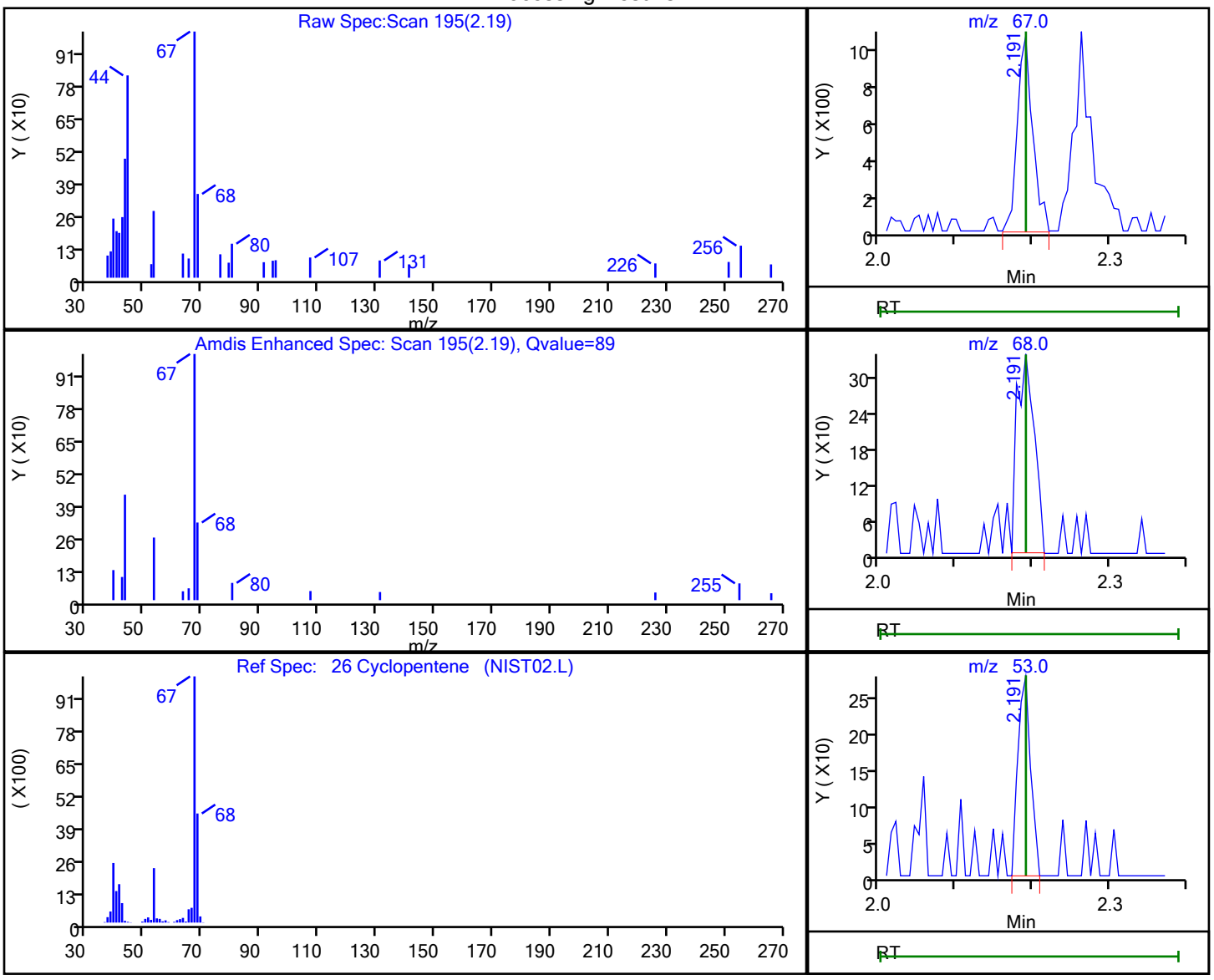
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 26 Cyclopentene, CAS: 142-29-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.19 | 67.00 | 1387 | 0.180768 |
| 2.19 | 68.00 | 532 | |
| 2.19 | 53.00 | 314 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

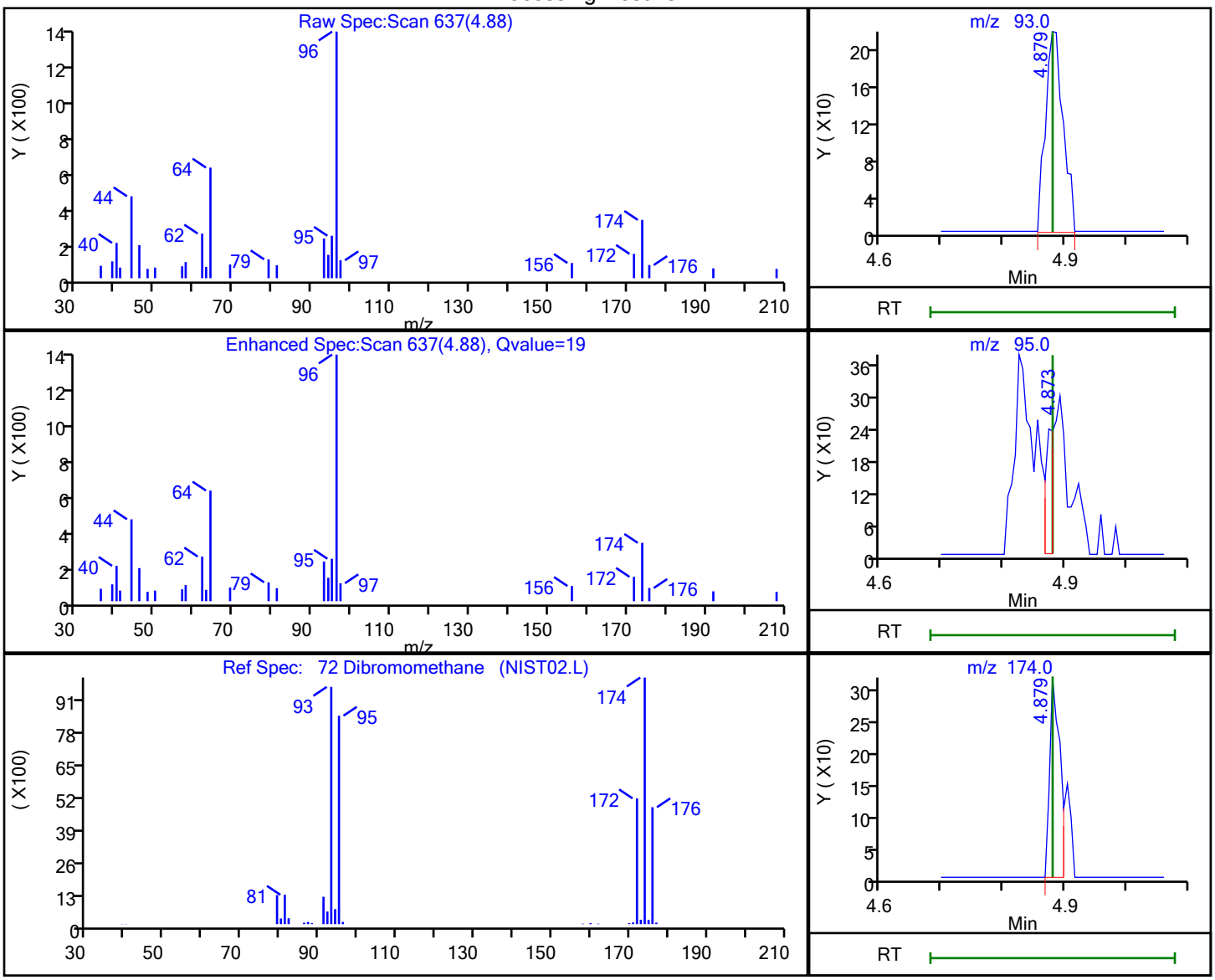
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 72 Dibromomethane, CAS: 74-95-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.88 | 93.00 | 432 | 0.212426 |
| 4.87 | 95.00 | 222 | |
| 4.88 | 174.00 | 375 | |

Reviewer: NN6A, 26-Jul-2025 16:29:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

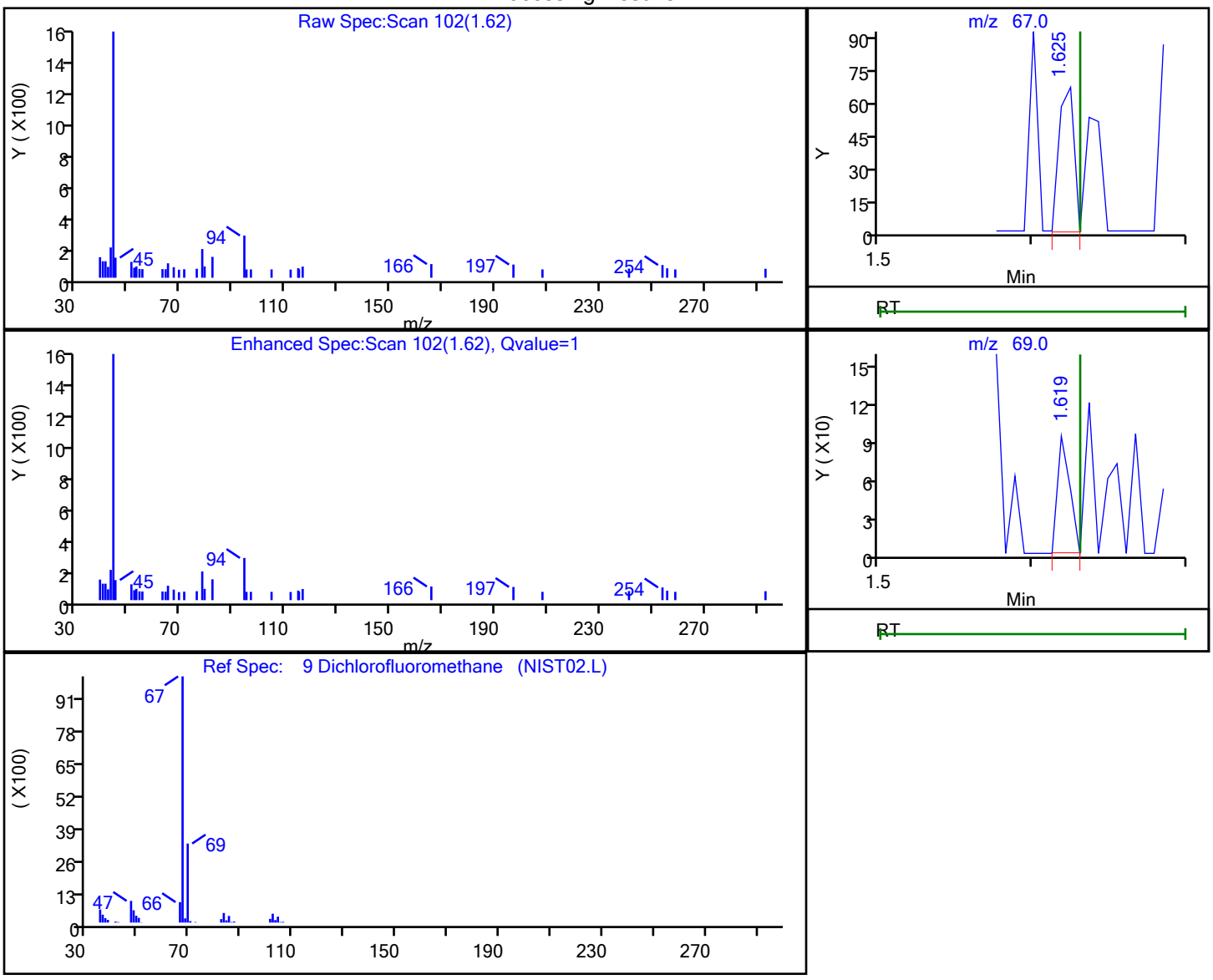
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 9 Dichlorofluoromethane, CAS: 75-43-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.62 | 67.00 | 46 | 0.009345 |
| 1.62 | 69.00 | 53 | |

Reviewer: NN6A, 26-Jul-2025 16:28:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

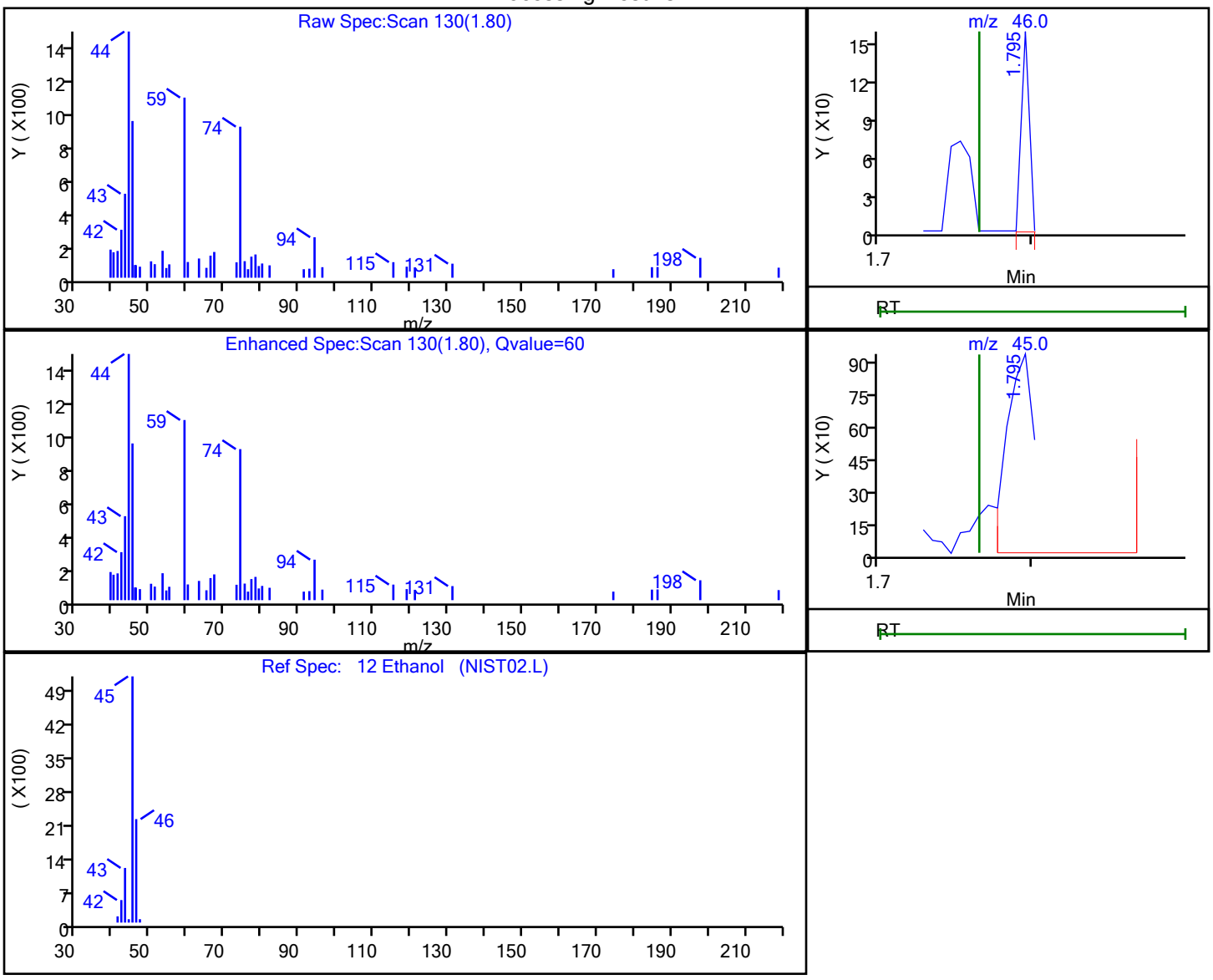
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 Ethanol, CAS: 64-17-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.80 | 46.00 | 55 | 8.291422 |
| 1.80 | 45.00 | 1585 | |

Reviewer: NN6A, 26-Jul-2025 16:28:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

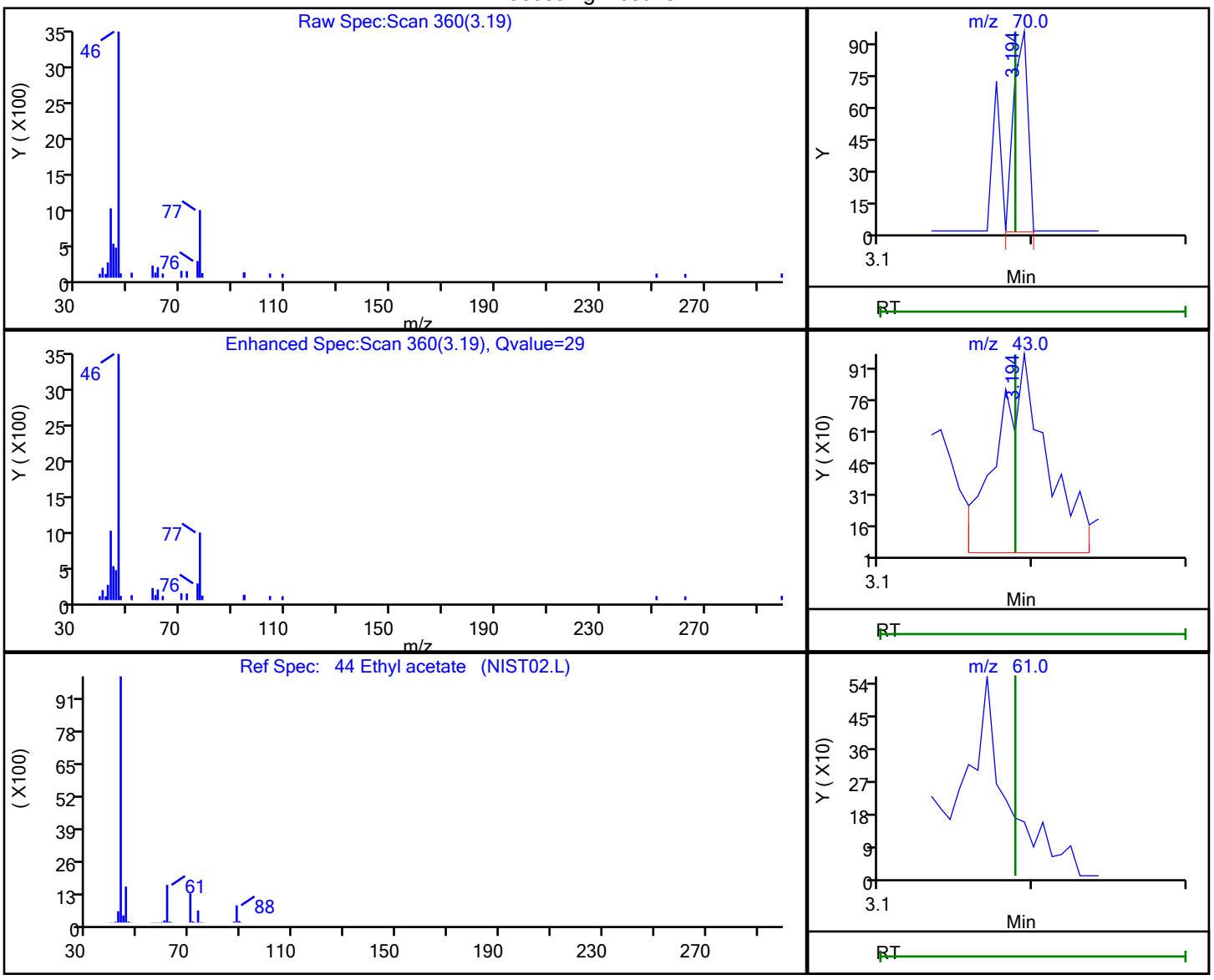
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 44 Ethyl acetate, CAS: 141-78-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.19 | 70.00 | 62 | 0.296067 |
| 3.19 | 43.00 | 2190 | |
| 3.18 | 61.00 | 0 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

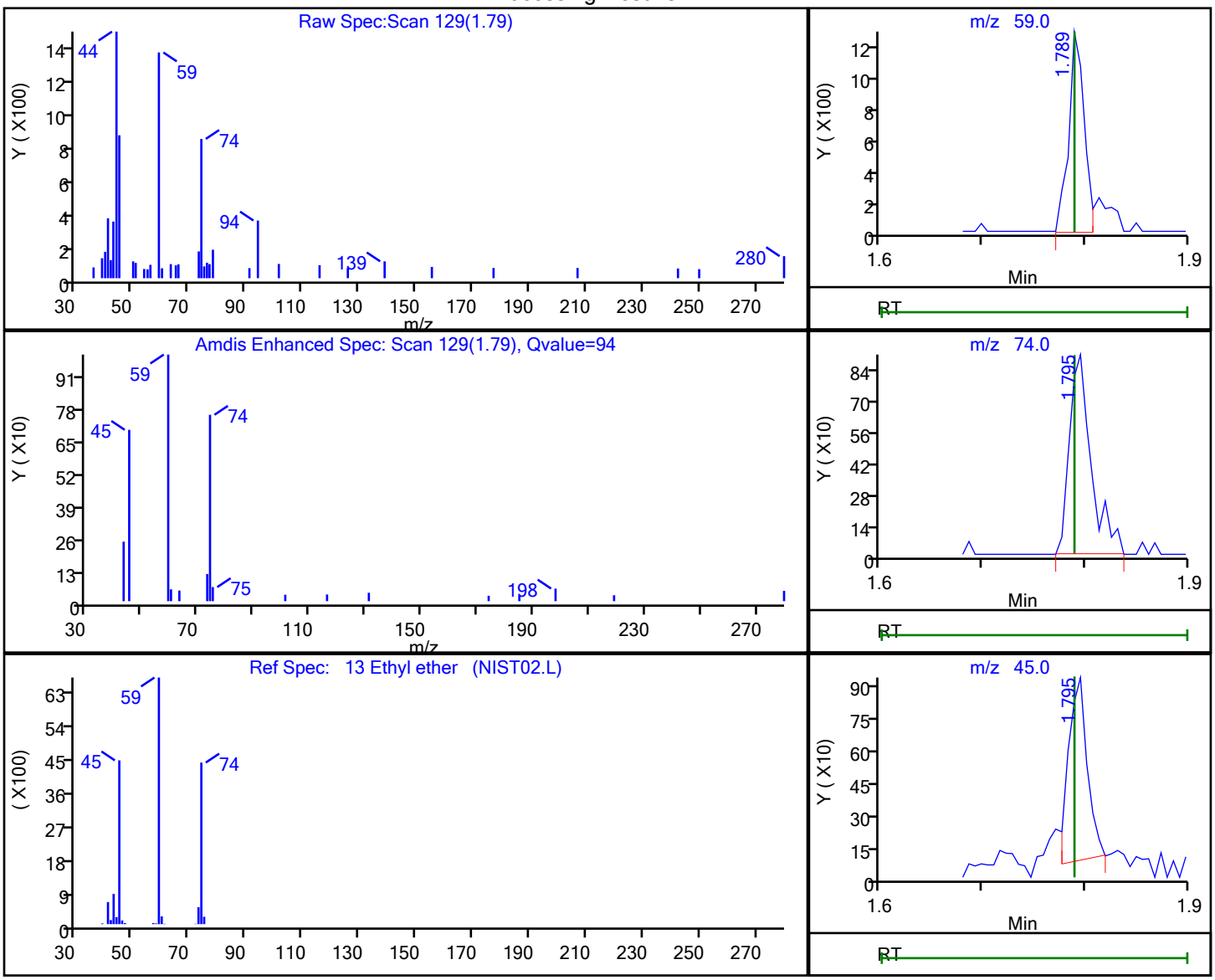
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 13 Ethyl ether, CAS: 60-29-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.79 | 59.00 | 1379 | 0.203797 |
| 1.80 | 74.00 | 1345 | |
| 1.80 | 45.00 | 1109 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

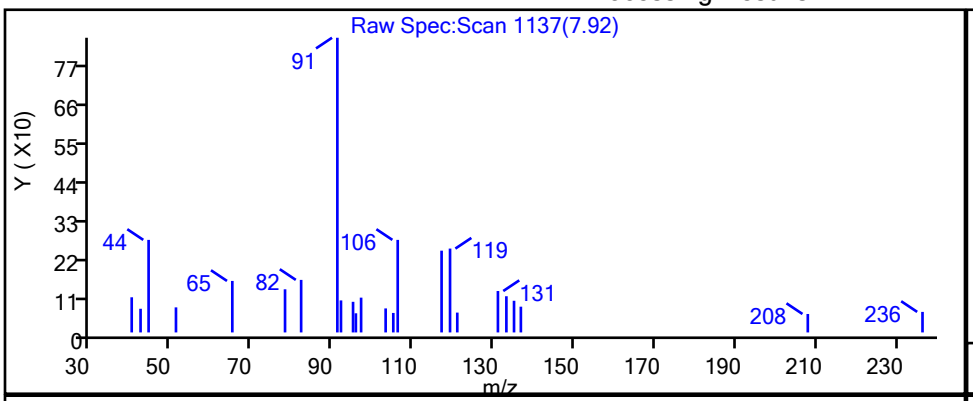
User Disabled Compound Report

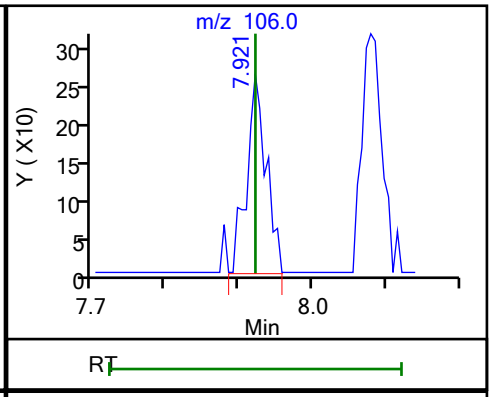
Eurofins Edison

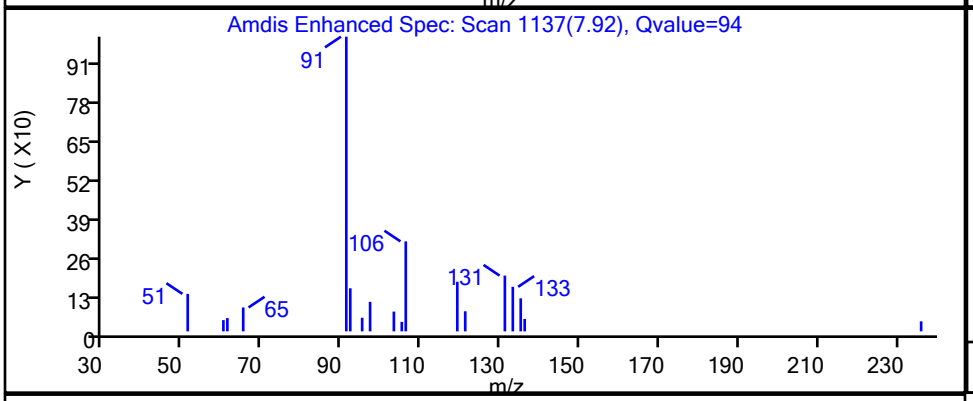
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

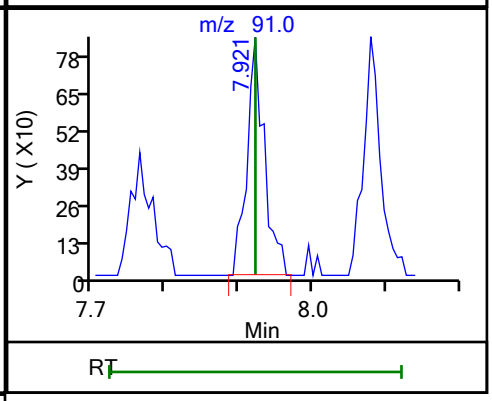
## 94 Ethylbenzene, CAS: 100-41-4

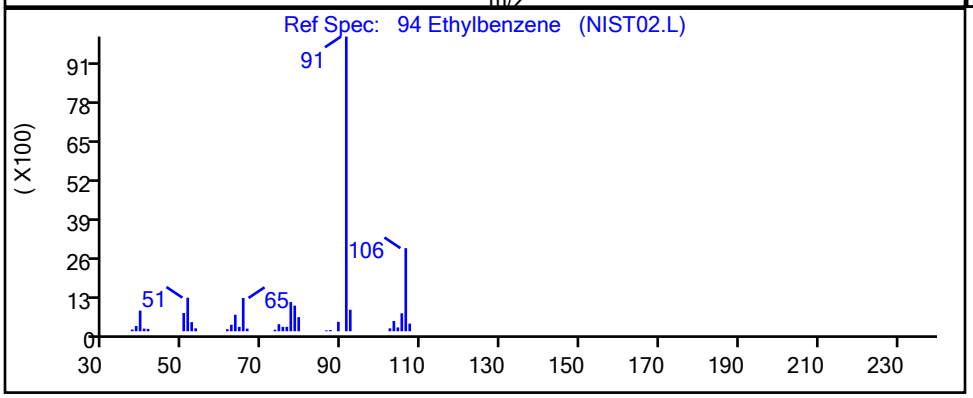
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.92 | 106.00 | 487 | 0.182482 |
| 7.92 | 91.00 | 1402 | |

Reviewer: NN6A, 26-Jul-2025 16:30:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

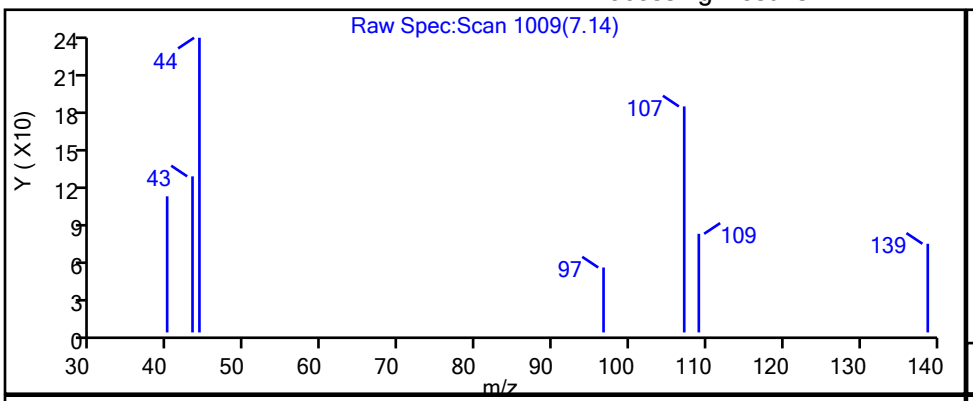
User Disabled Compound Report

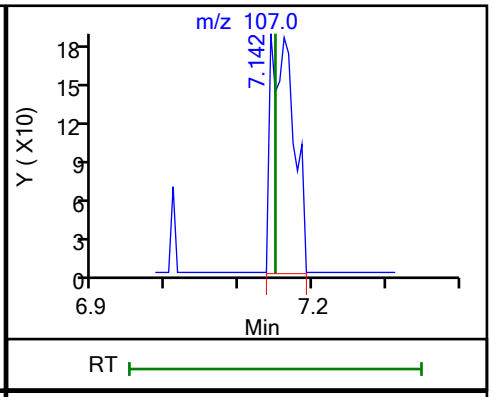
Eurofins Edison

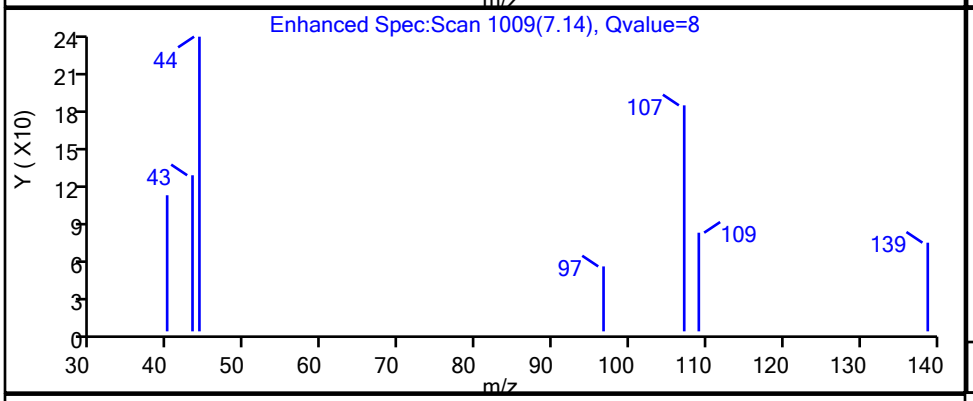
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D | | | | |
| Injection Date: | 26-Jul-2025 14:53:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD9 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

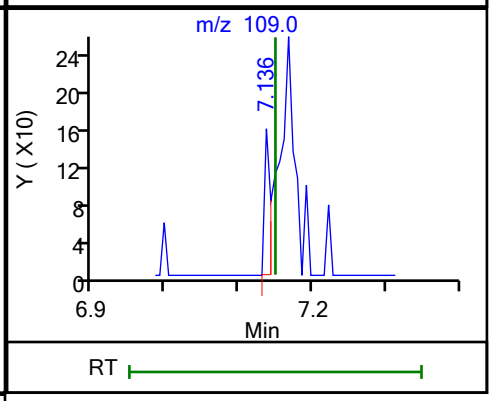
## 91 Ethylene Dibromide, CAS: 106-93-4

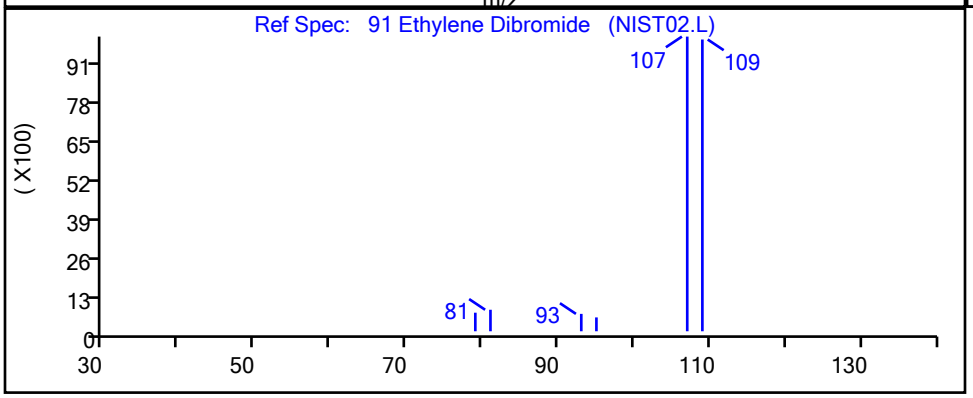
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.14 | 107.00 | 394 | 0.183798 |
| 7.14 | 109.00 | 86 | |

Reviewer: NN6A, 26-Jul-2025 16:30:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

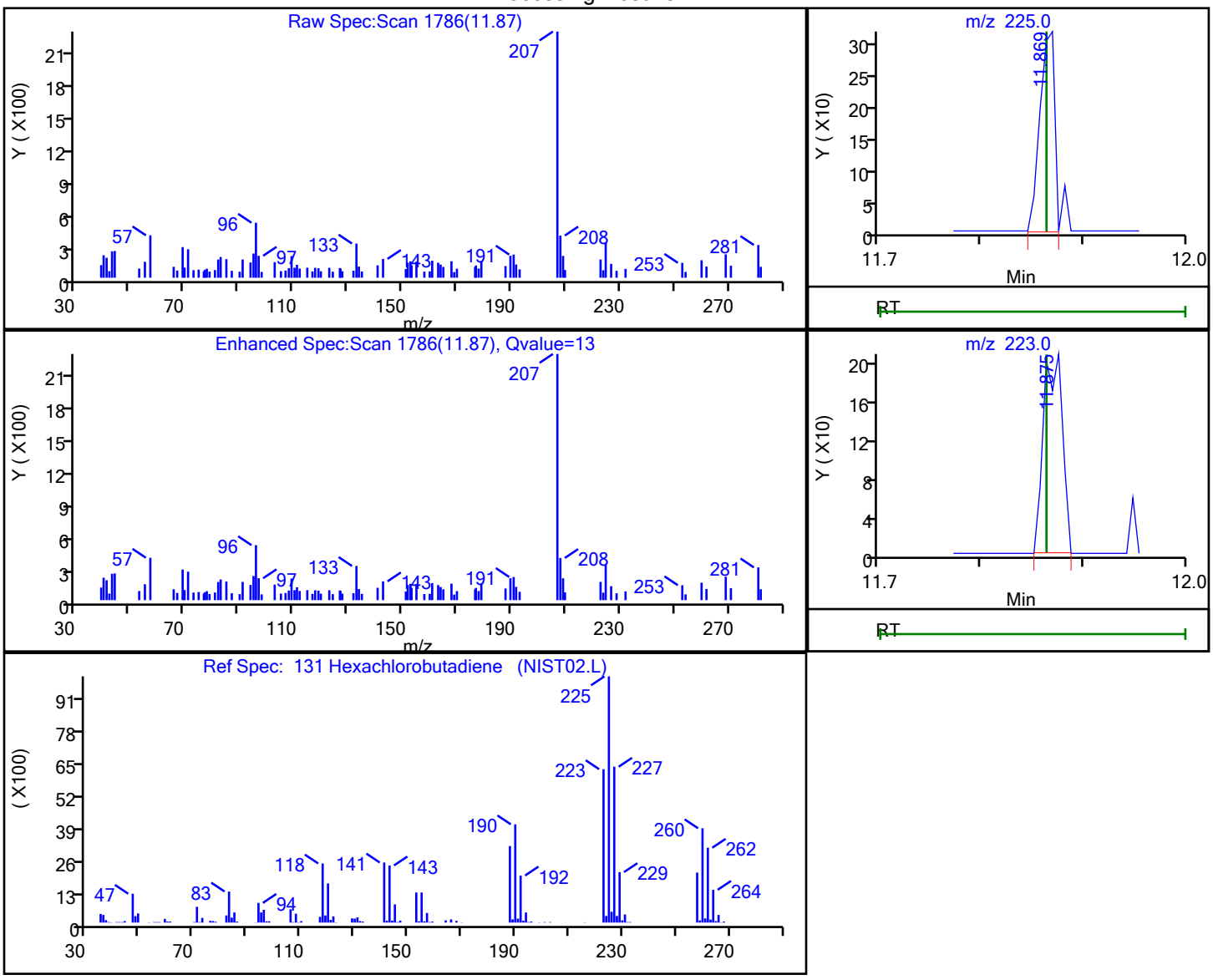
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 131 Hexachlorobutadiene, CAS: 87-68-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.87 | 225.00 | 317 | 0.347890 |
| 11.88 | 223.00 | 260 | |

Reviewer: NN6A, 26-Jul-2025 16:30:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

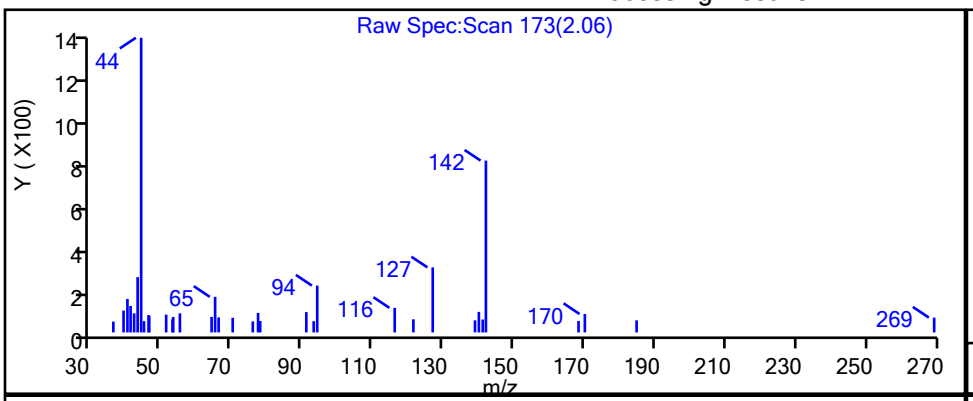
User Disabled Compound Report

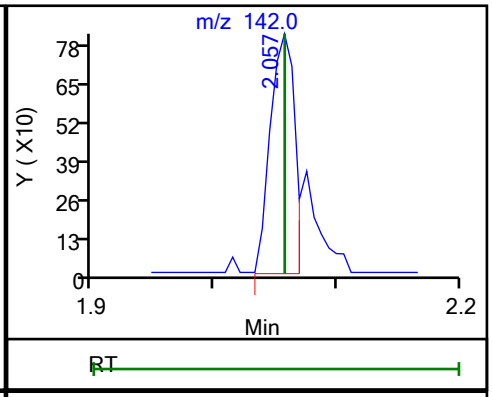
Eurofins Edison

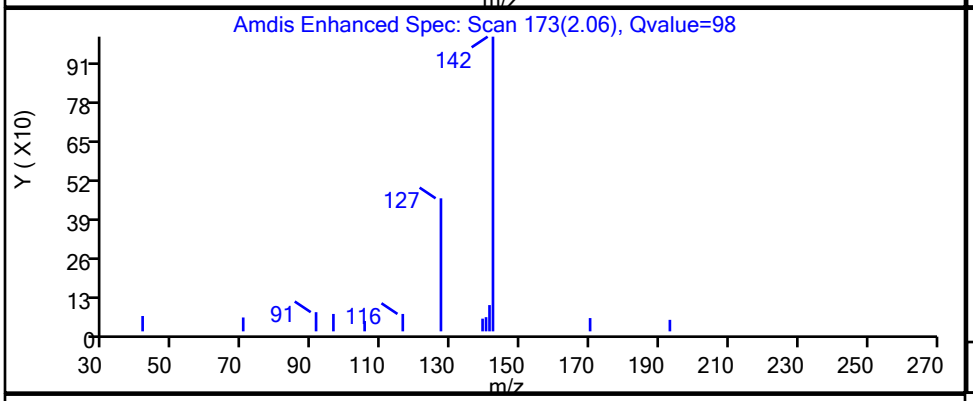
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D | | | | |
| Injection Date: | 26-Jul-2025 14:53:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD9 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

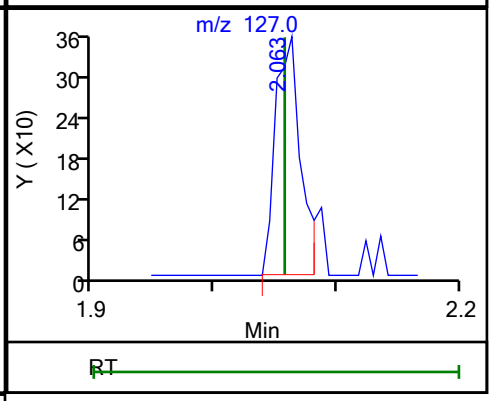
## 21 Iodomethane, CAS: 74-88-4

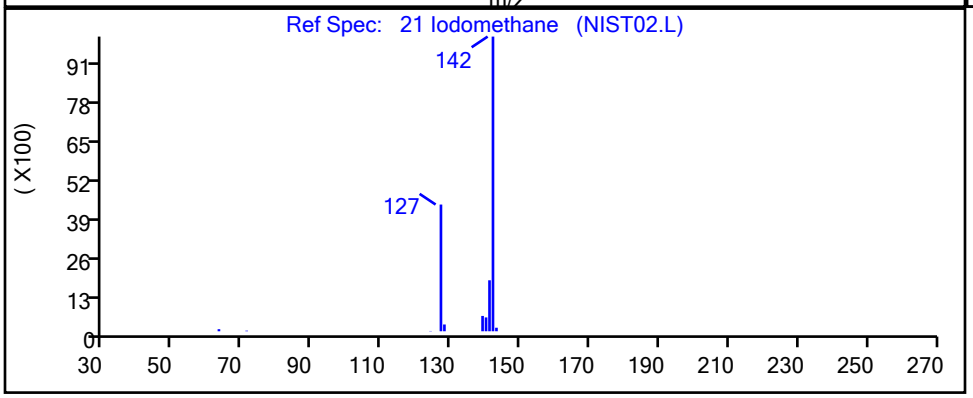
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.06 | 142.00 | 1134 | 0.171568 |
| 2.06 | 127.00 | 508 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

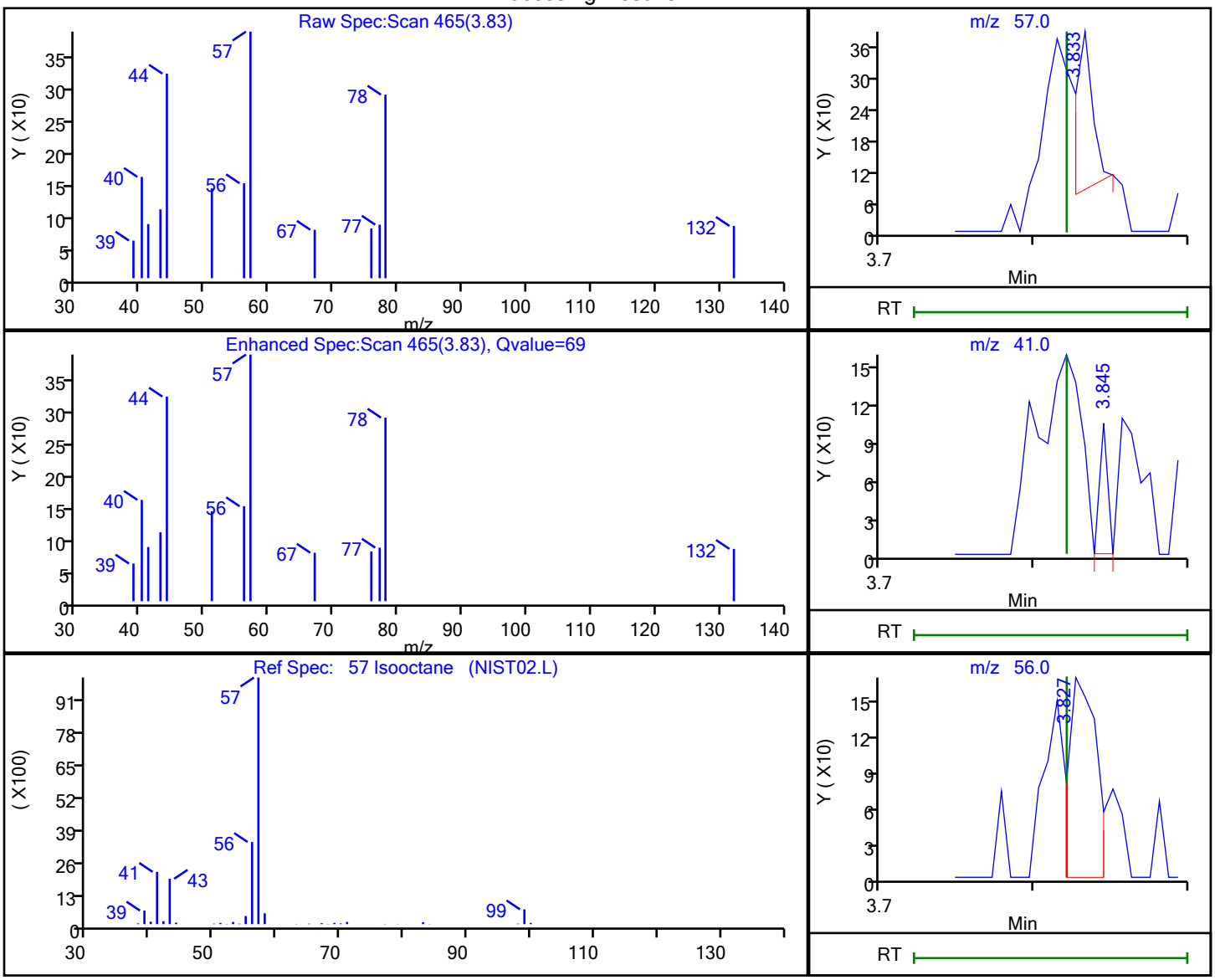
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 Isooctane, CAS: 540-84-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.83 | 57.00 | 231 | 0.205353 |
| 3.85 | 41.00 | 38 | |
| 3.83 | 56.00 | 211 | |

Reviewer: NN6A, 26-Jul-2025 16:29:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

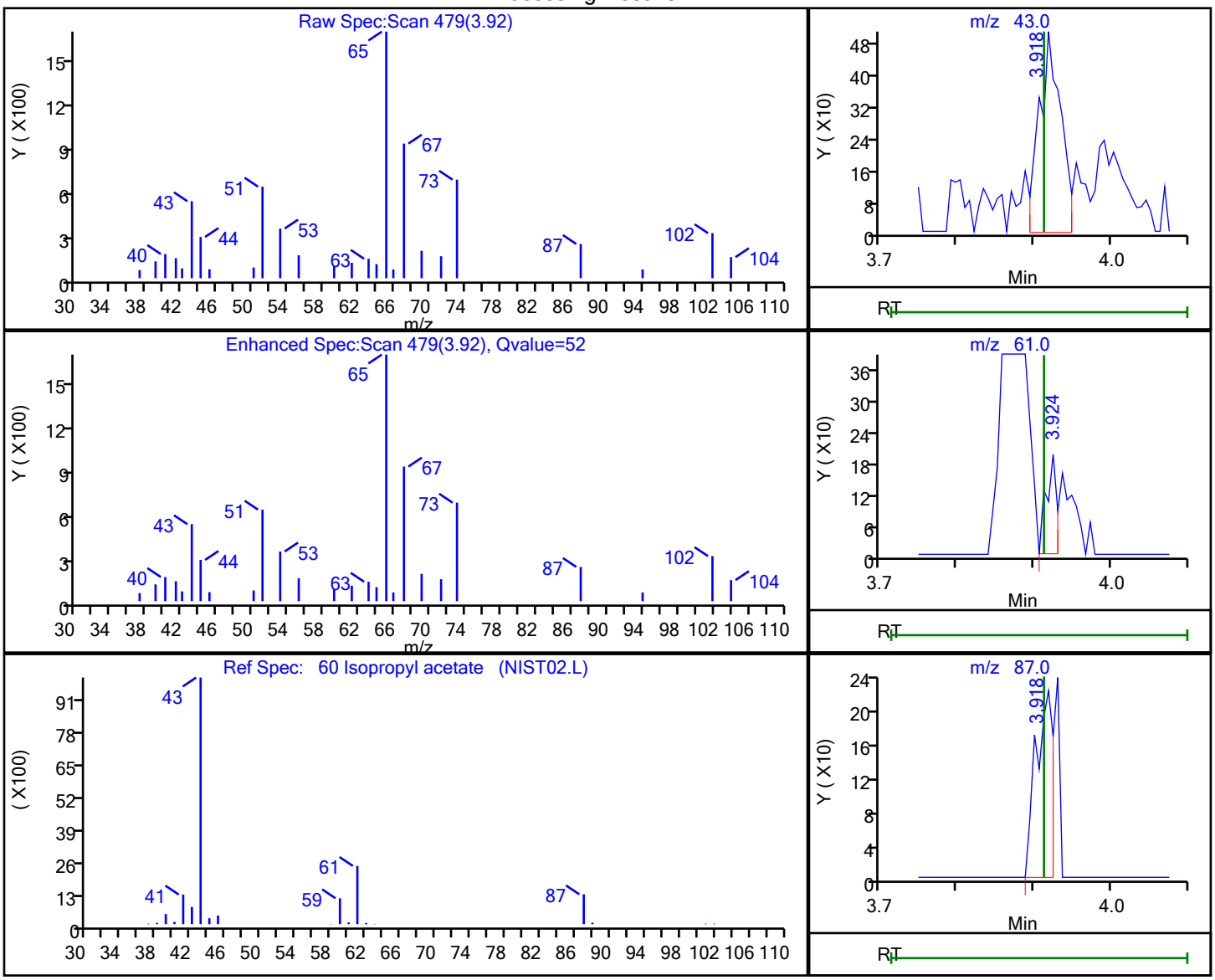
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 60 Isopropyl acetate, CAS: 108-21-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.92 | 43.00 | 996 | 0.157687 |
| 3.92 | 61.00 | 182 | |
| 3.92 | 87.00 | 349 | |

Reviewer: NN6A, 26-Jul-2025 16:29:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

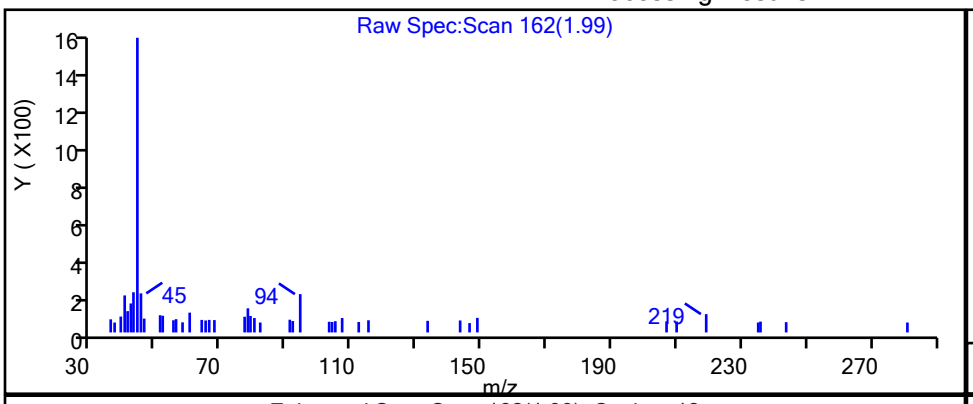
User Disabled Compound Report

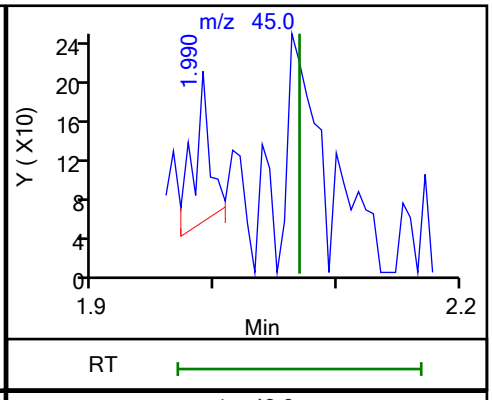
Eurofins Edison

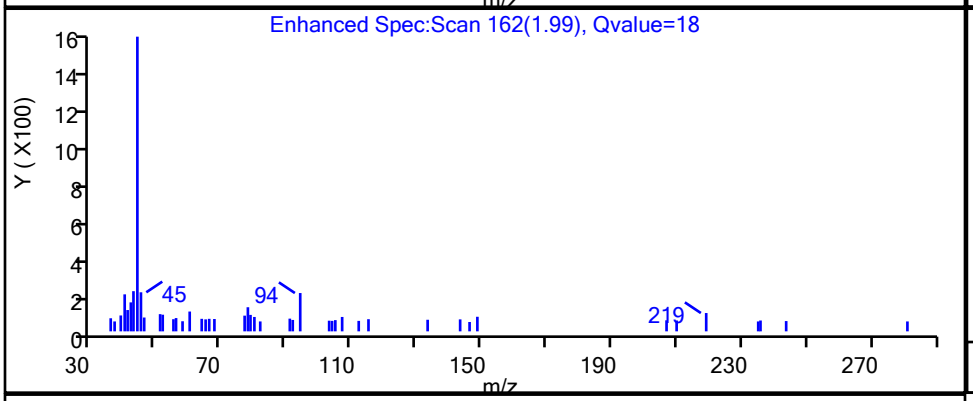
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

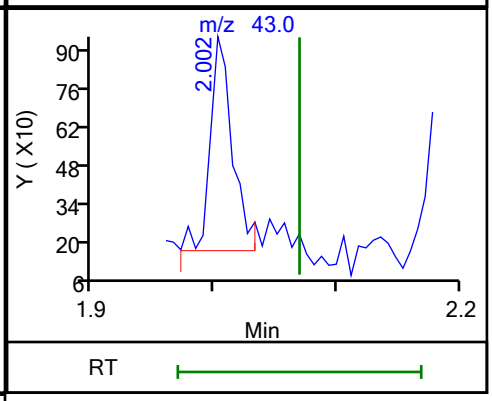
## 22 Isopropyl alcohol, CAS: 67-63-0

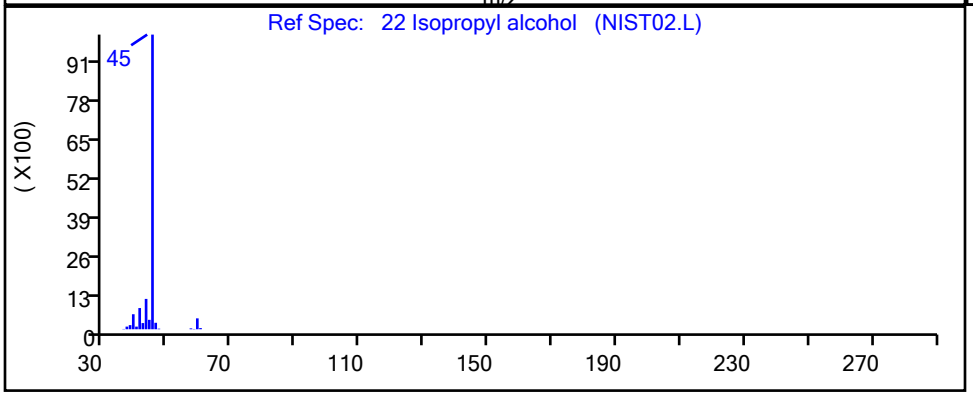
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.99 | 45.00 | 145 | 1.043320 |
| 2.00 | 43.00 | 998 | |

Reviewer: NN6A, 26-Jul-2025 16:28:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

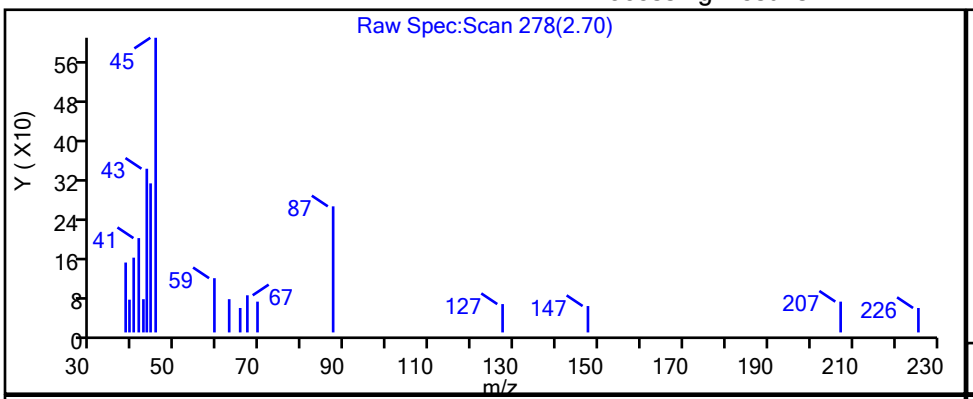
User Disabled Compound Report

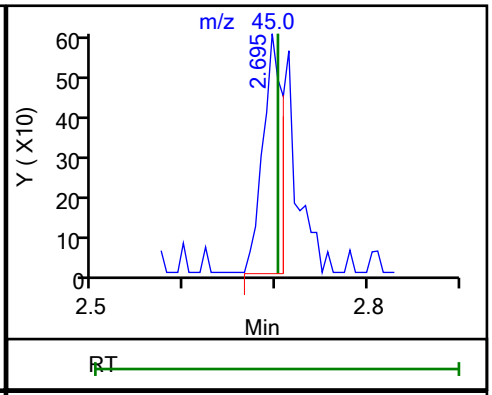
Eurofins Edison

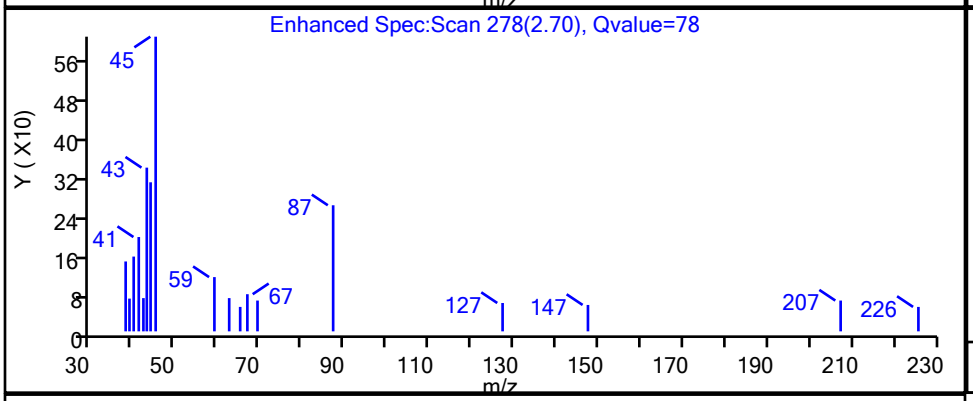
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

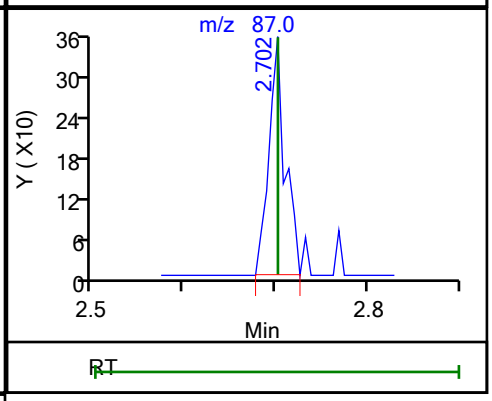
## 35 Isopropyl ether, CAS: 108-20-3

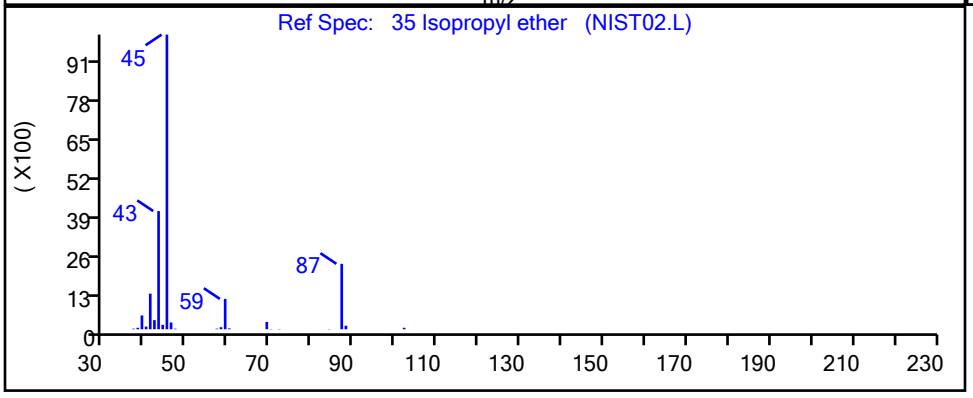
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.70 | 45.00 | 877 | 0.100255 |
| 2.70 | 87.00 | 430 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

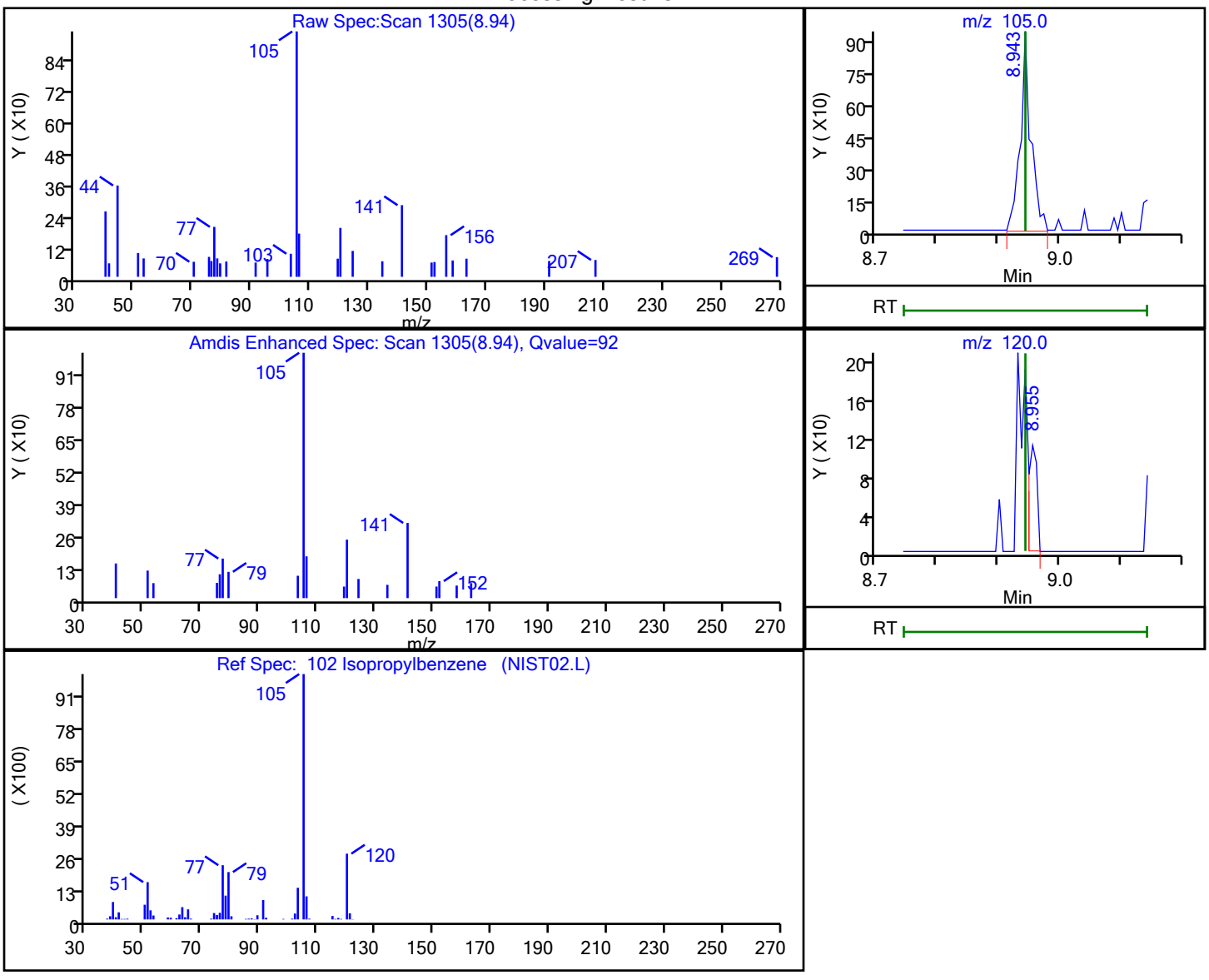
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 102 Isopropylbenzene, CAS: 98-82-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.94 | 105.00 | 1141 | 0.173210 |
| 8.96 | 120.00 | 103 | |

Reviewer: NN6A, 26-Jul-2025 16:30:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

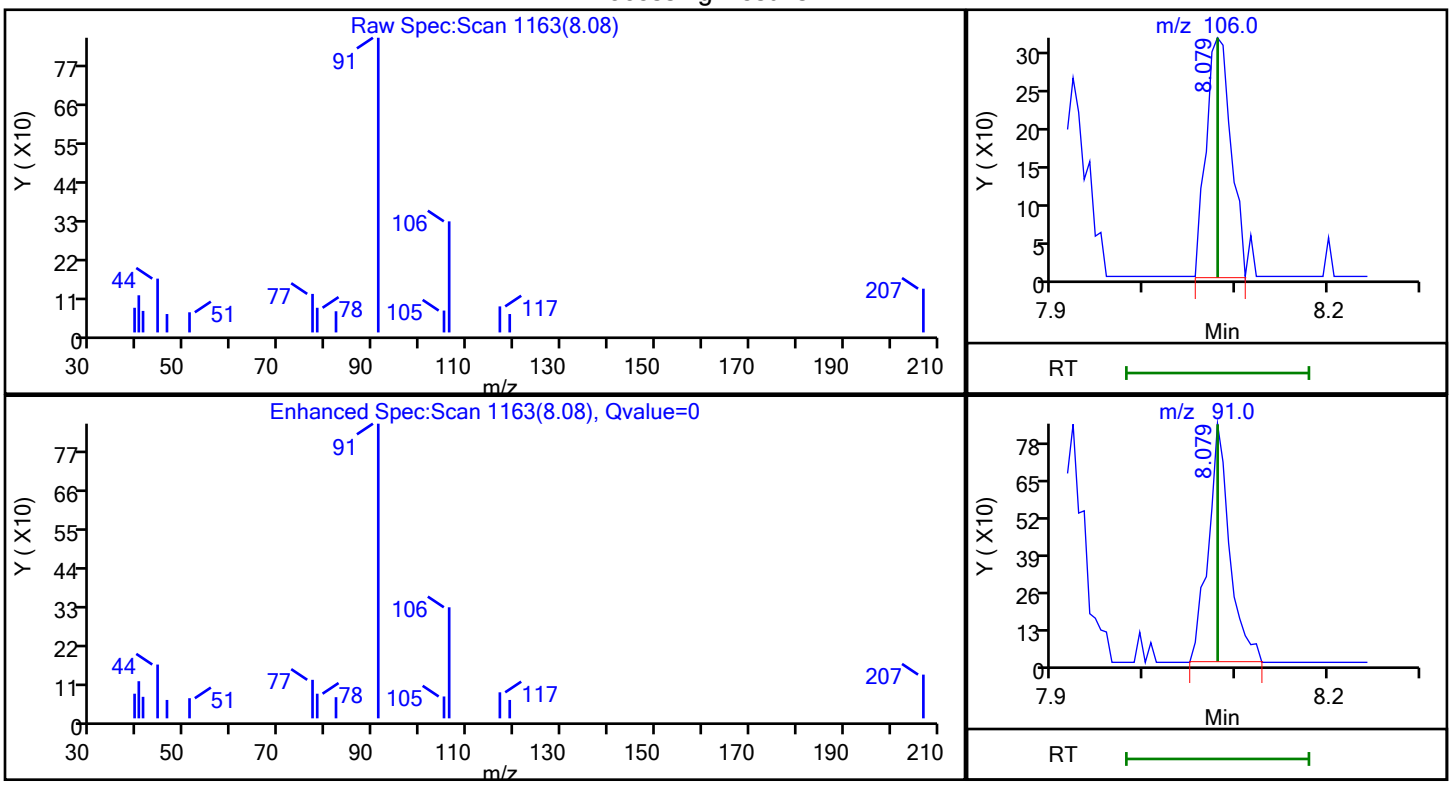
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D | | | | |
| Injection Date: | 26-Jul-2025 14:53:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD9 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 96 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.08 | 106.00 | 602 | 0.187353 |
| 8.08 | 91.00 | 1383 | |

Reviewer: NN6A, 26-Jul-2025 16:30:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

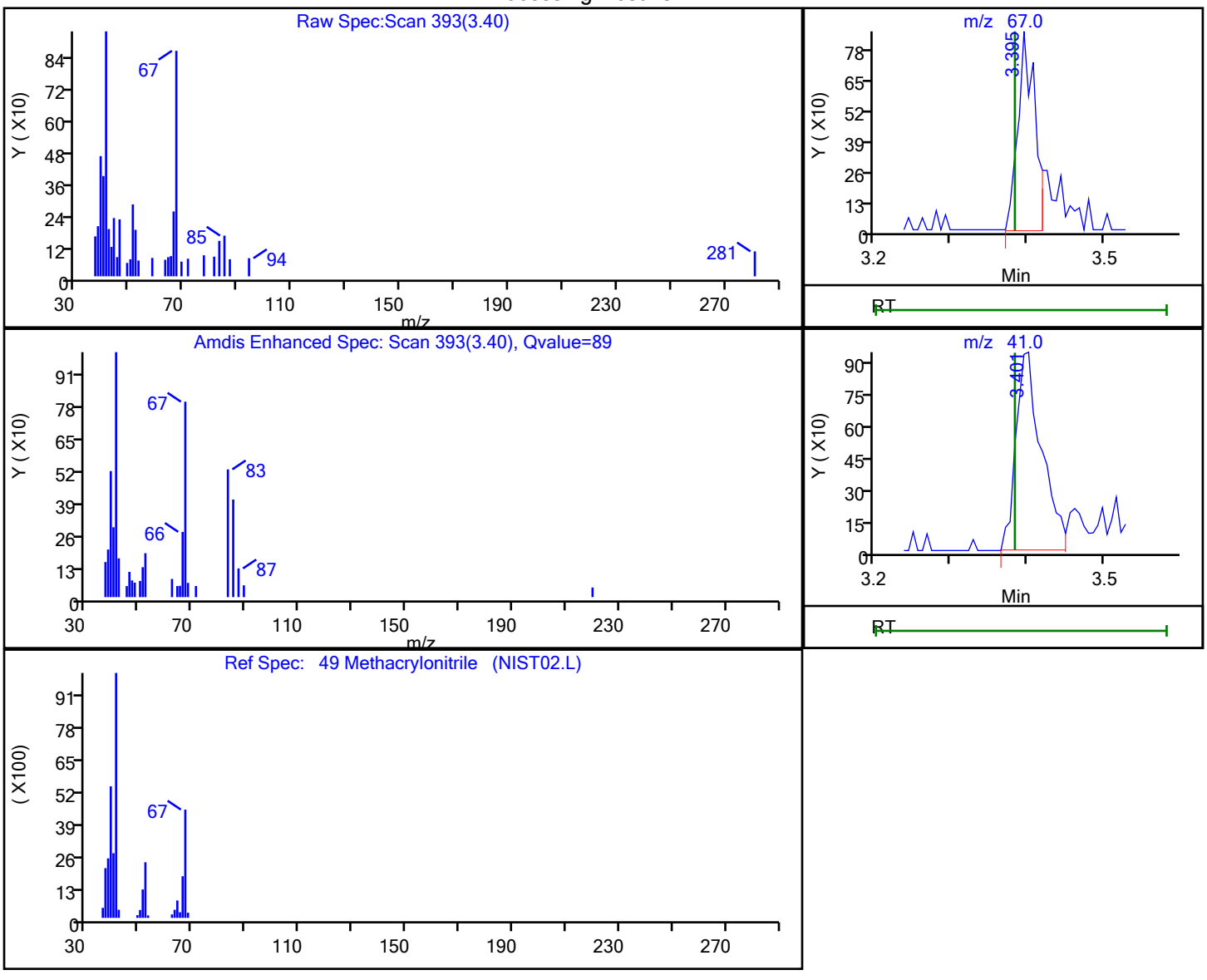
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 49 Methacrylonitrile, CAS: 126-98-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.40 | 67.00 | 1334 | 1.519634 |
| 3.40 | 41.00 | 2218 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

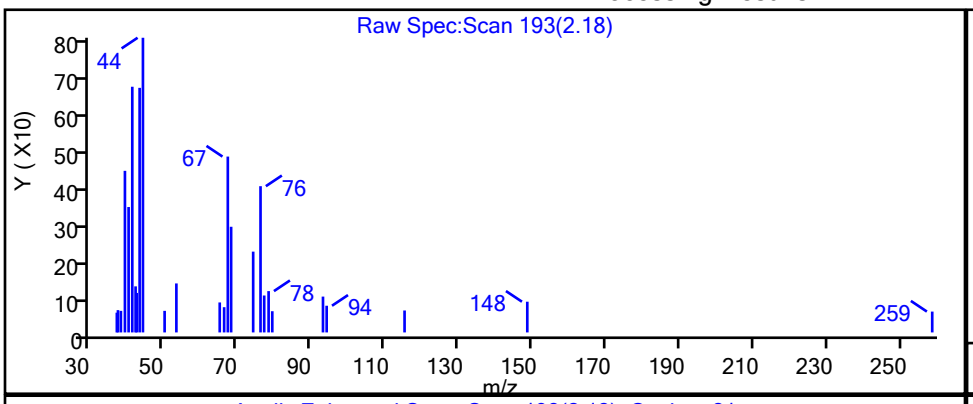
User Disabled Compound Report

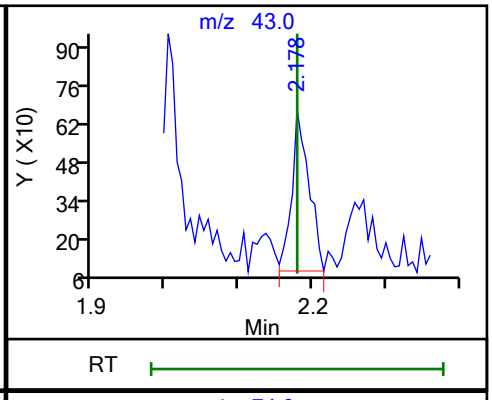
Eurofins Edison

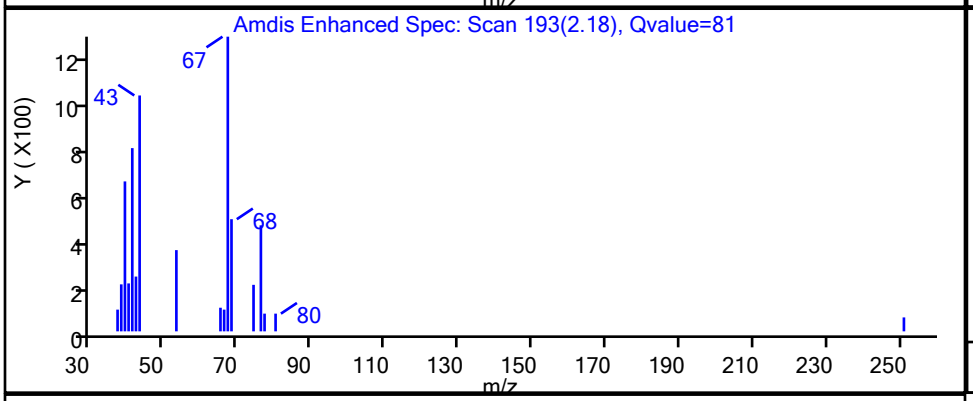
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

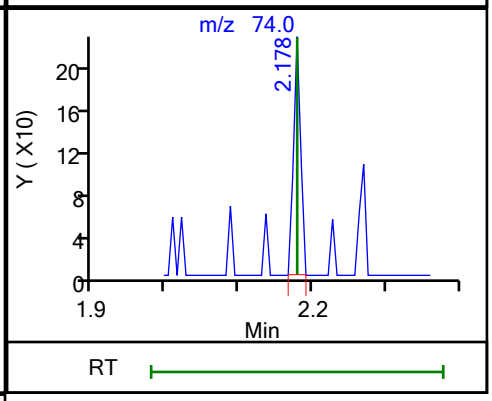
## 25 Methyl acetate, CAS: 79-20-9

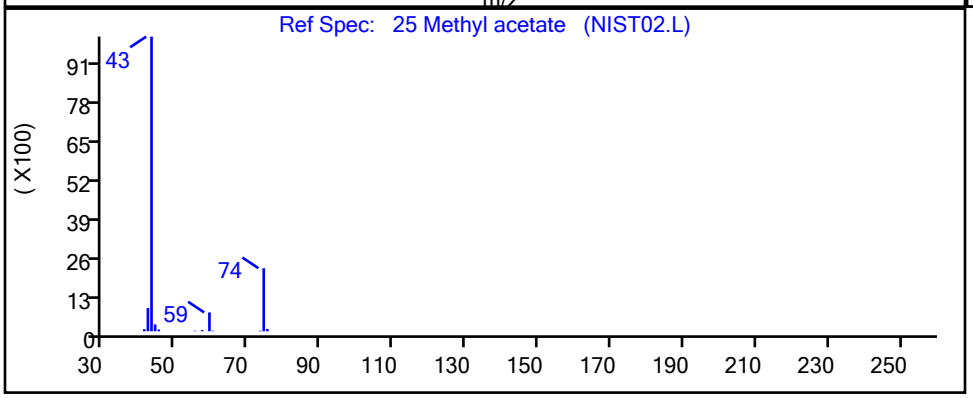
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.18 | 43.00 | 970 | 0.543859 |
| 2.18 | 74.00 | 150 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

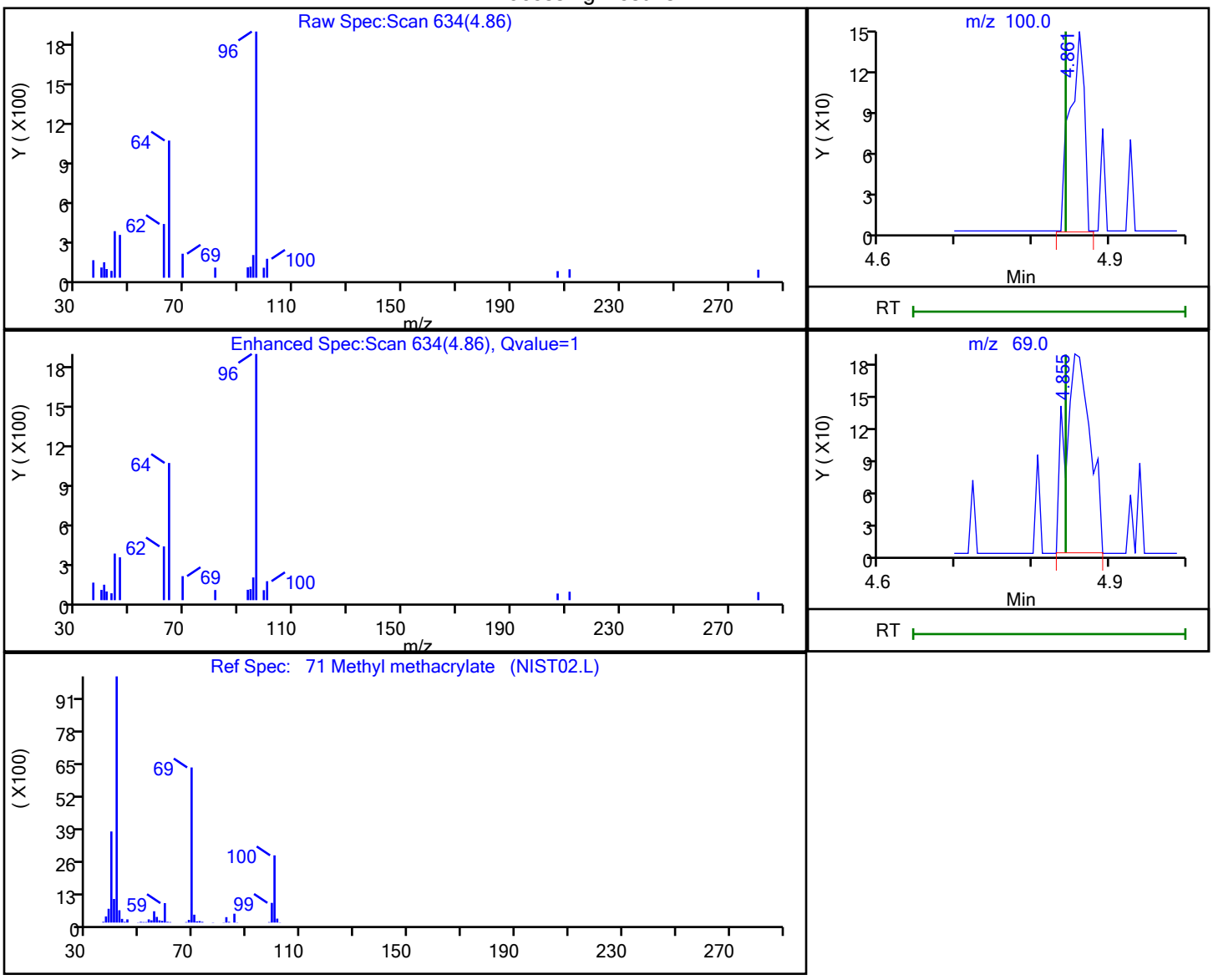
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 71 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.86 | 100.00 | 188 | 0.448411 |
| 4.86 | 69.00 | 424 | |

Reviewer: NN6A, 26-Jul-2025 16:29:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

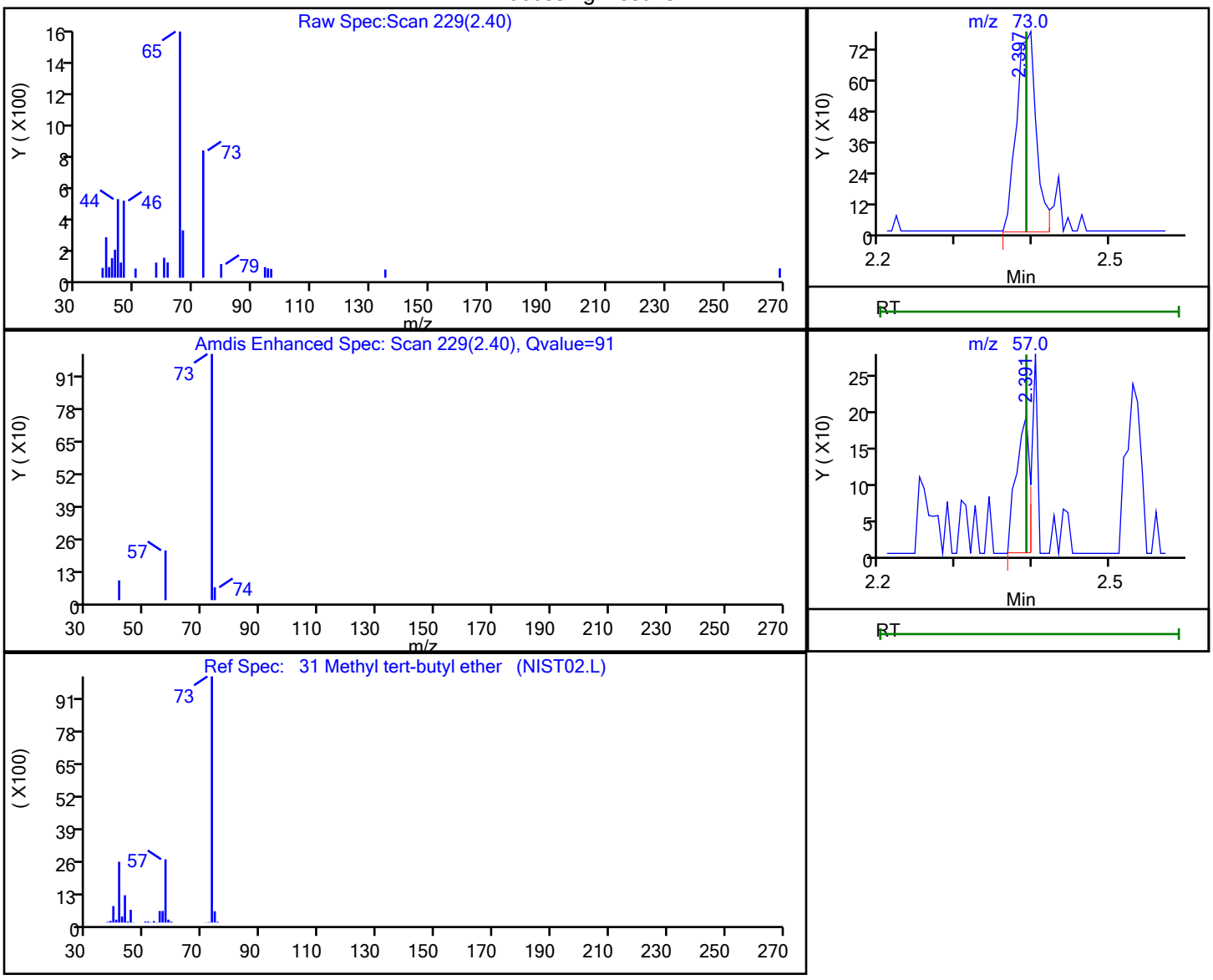
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 31 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.40 | 73.00 | 1415 | 0.188361 |
| 2.39 | 57.00 | 235 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

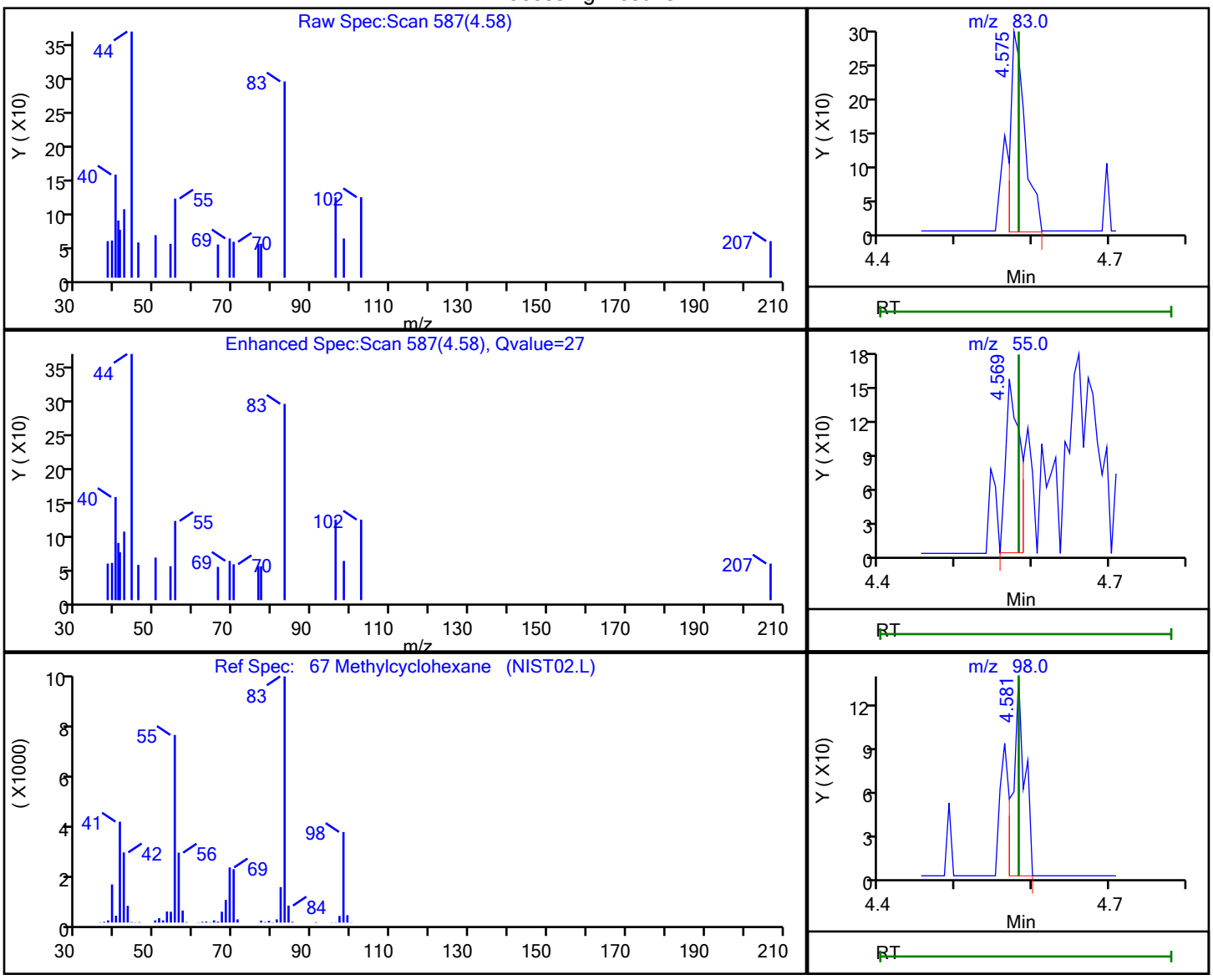
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Methylcyclohexane, CAS: 108-87-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.58 | 83.00 | 376 | 0.172869 |
| 4.57 | 55.00 | 194 | |
| 4.58 | 98.00 | 144 | |

Reviewer: NN6A, 26-Jul-2025 16:29:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

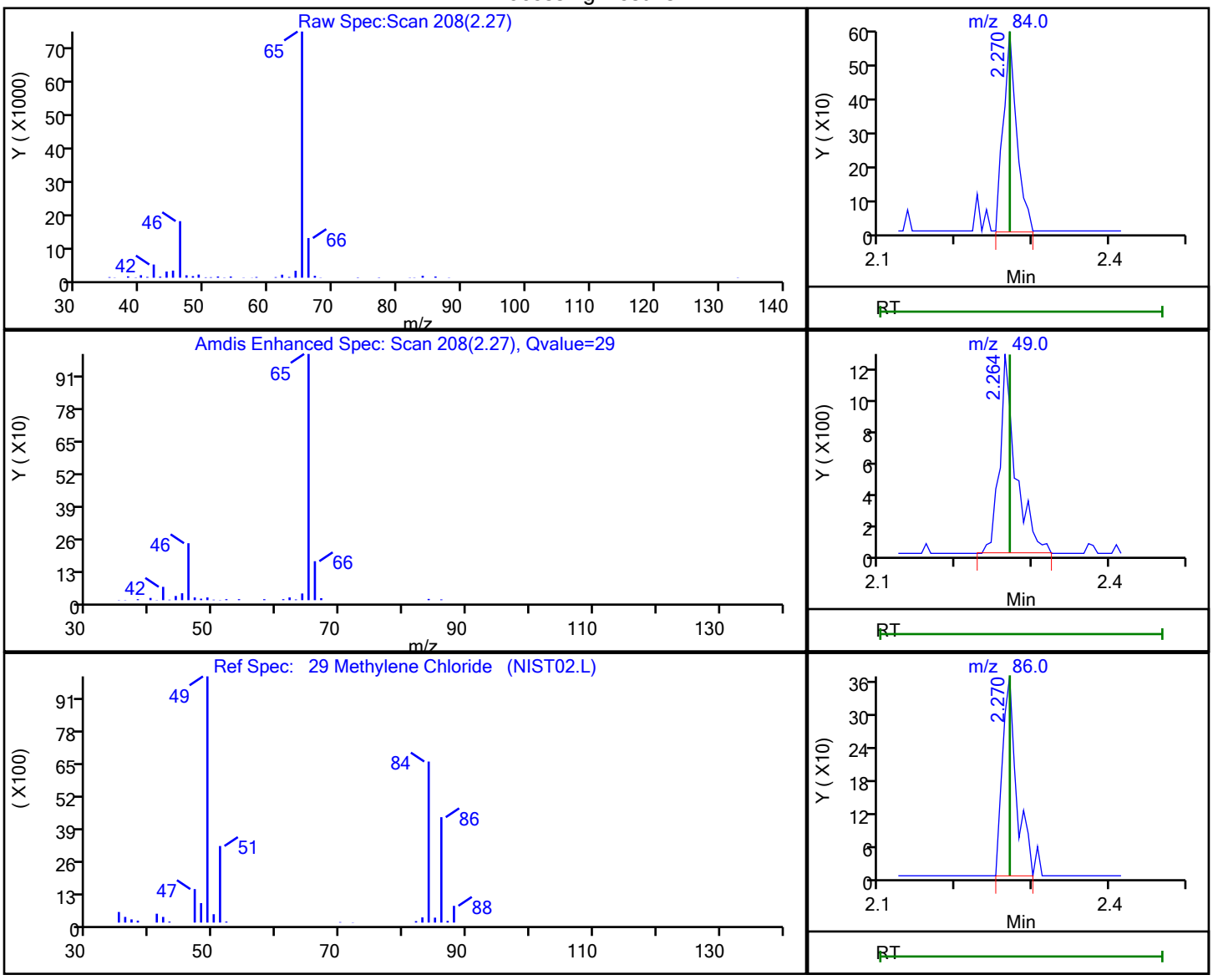
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 29 Methylene Chloride, CAS: 75-09-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.27 | 84.00 | 720 | 0.192514 |
| 2.26 | 49.00 | 1887 | |
| 2.27 | 86.00 | 472 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

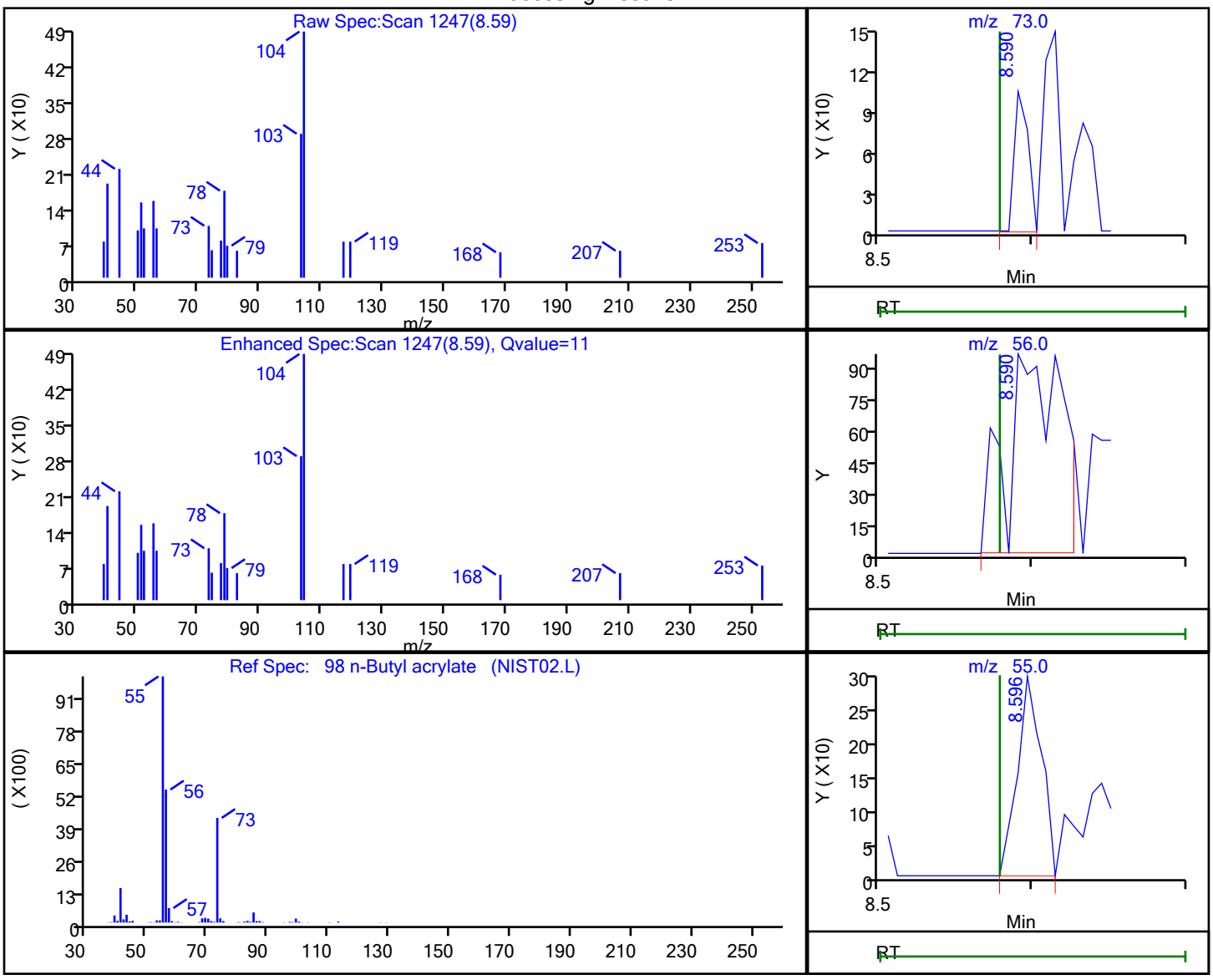
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 98 n-Butyl acrylate, CAS: 141-32-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.59 | 73.00 | 64 | 0.051131 |
| 8.59 | 56.00 | 244 | |
| 8.60 | 55.00 | 322 | |

Reviewer: NN6A, 26-Jul-2025 16:30:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

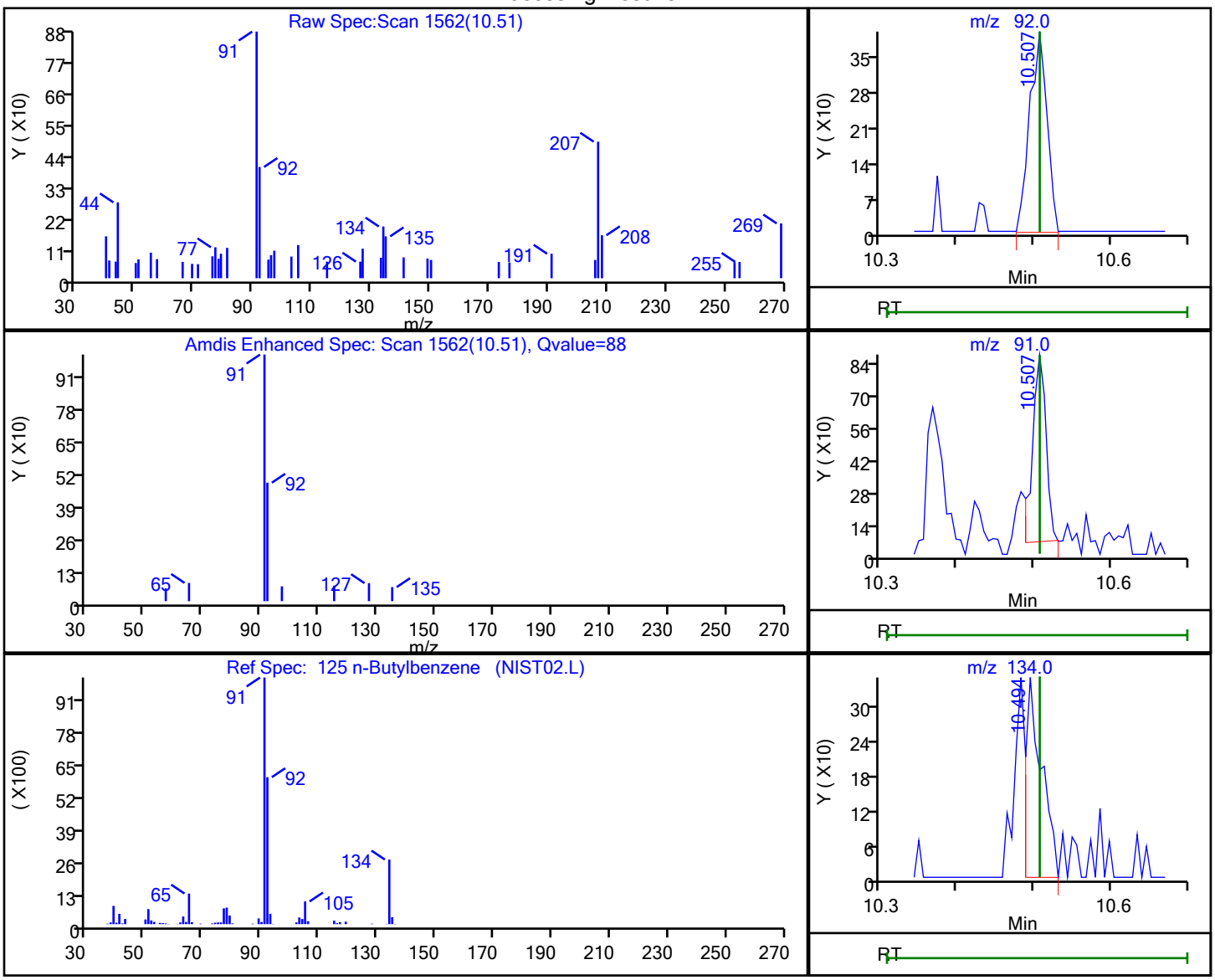
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 125 n-Butylbenzene, CAS: 104-51-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.51 | 92.00 | 620 | 0.261277 |
| 10.51 | 91.00 | 1018 | |
| 10.49 | 134.00 | 491 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

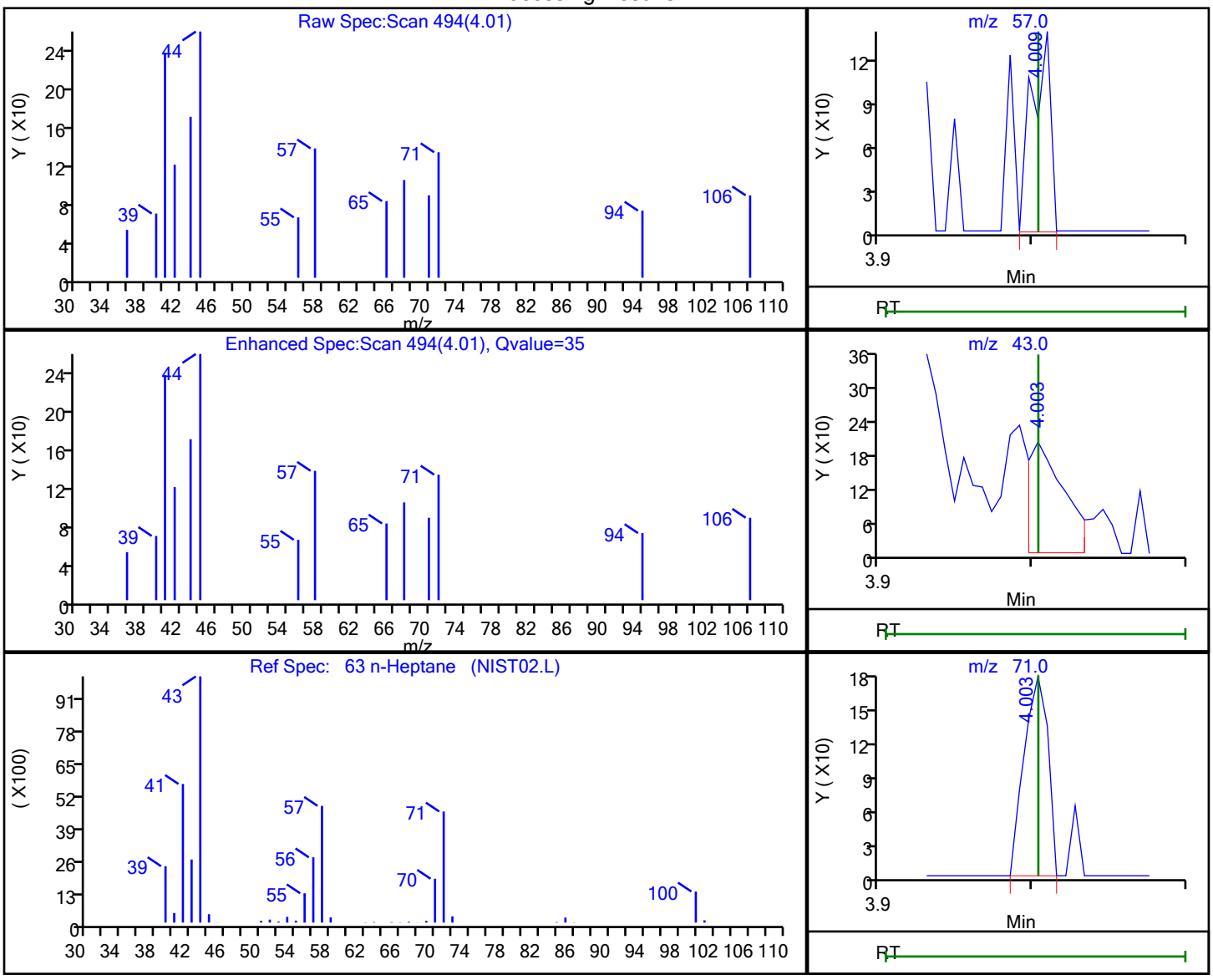
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 63 n-Heptane, CAS: 142-82-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.01 | 57.00 | 115 | 0.208649 |
| 4.00 | 43.00 | 337 | |
| 4.00 | 71.00 | 189 | |

Reviewer: NN6A, 26-Jul-2025 16:29:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

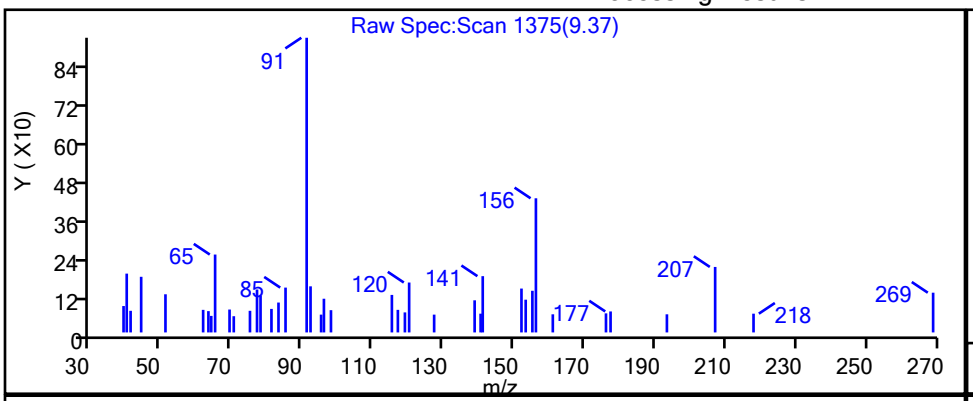
User Disabled Compound Report

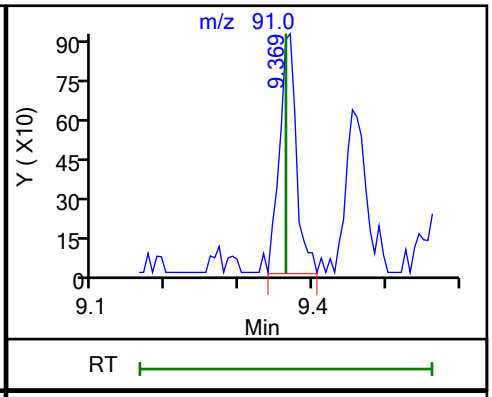
Eurofins Edison

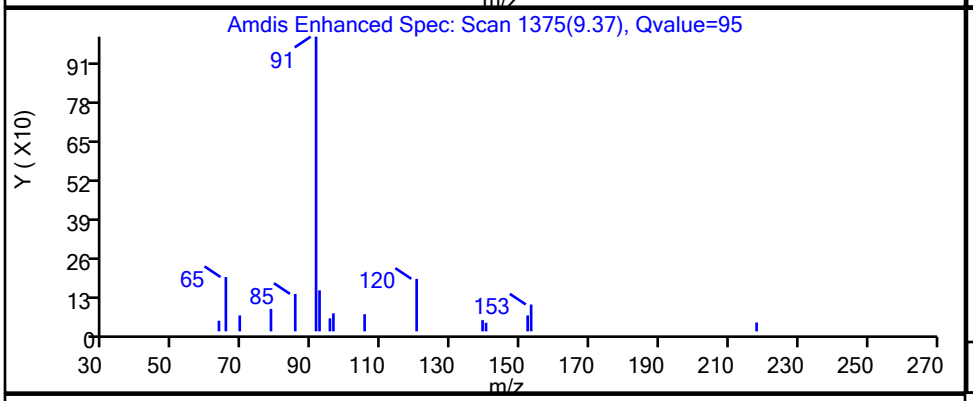
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

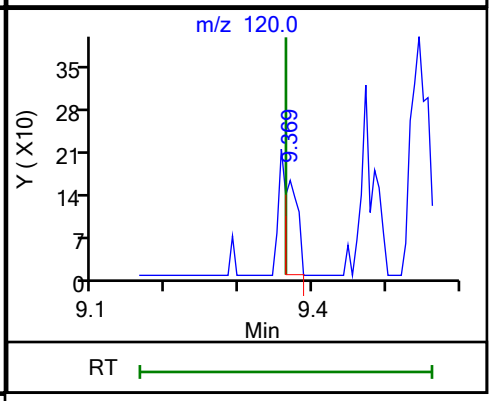
## 106 N-Propylbenzene, CAS: 103-65-1

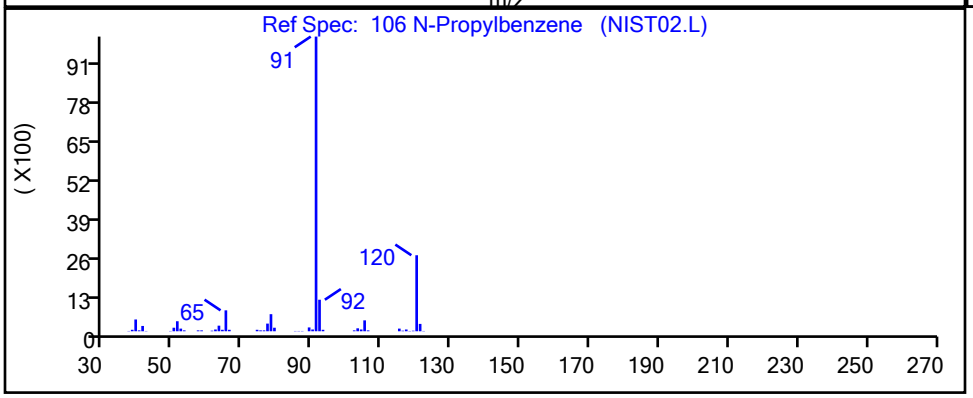
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.37 | 91.00 | 1468 | 0.207228 |
| 9.37 | 120.00 | 192 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

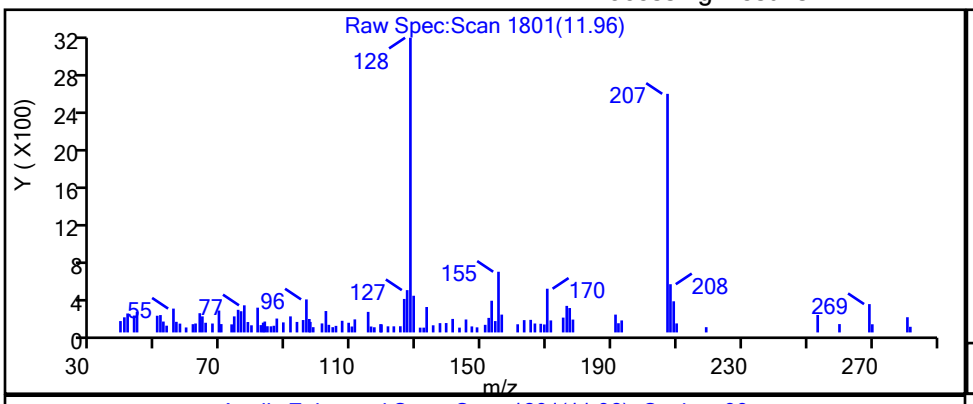
User Disabled Compound Report

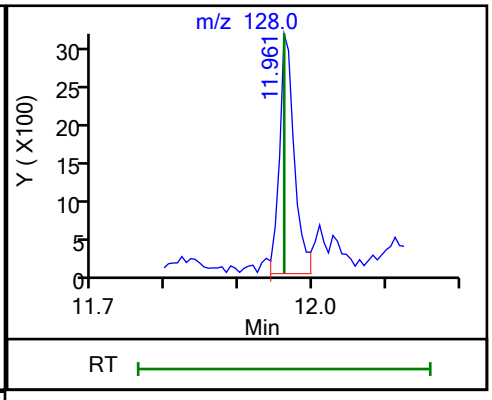
Eurofins Edison

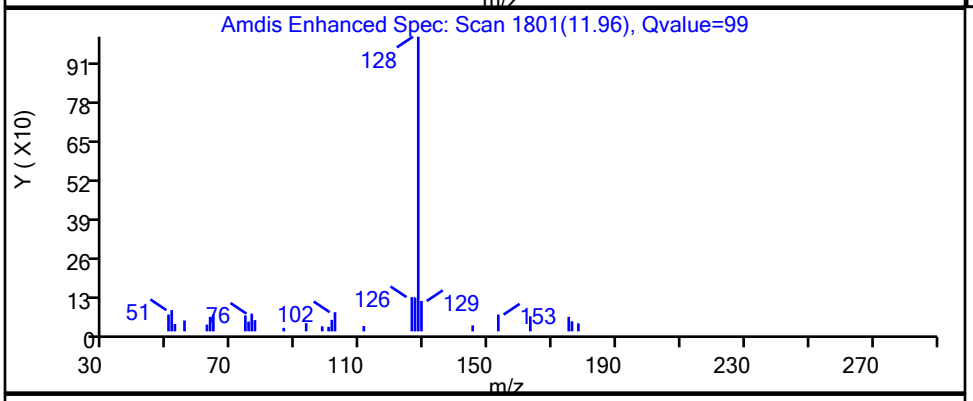
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D | | | | |
| Injection Date: | 26-Jul-2025 14:53:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD9 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

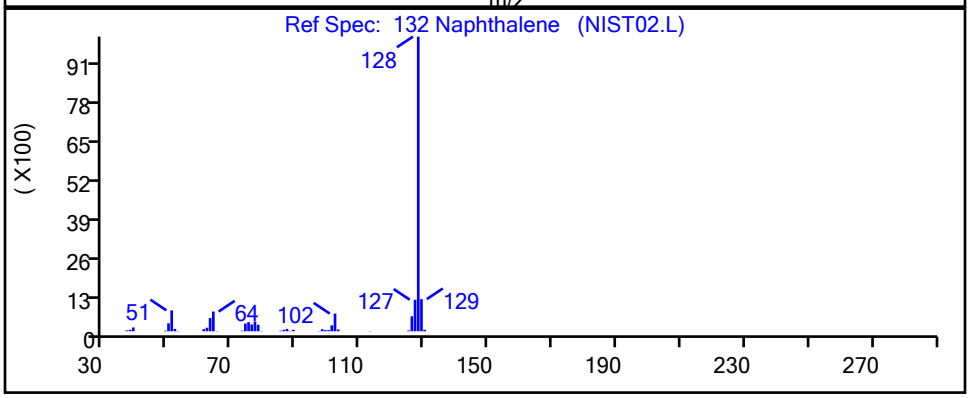
## 132 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.96 | 128.00 | 4396 | 0.738404 |

Reviewer: NN6A, 26-Jul-2025 16:30:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

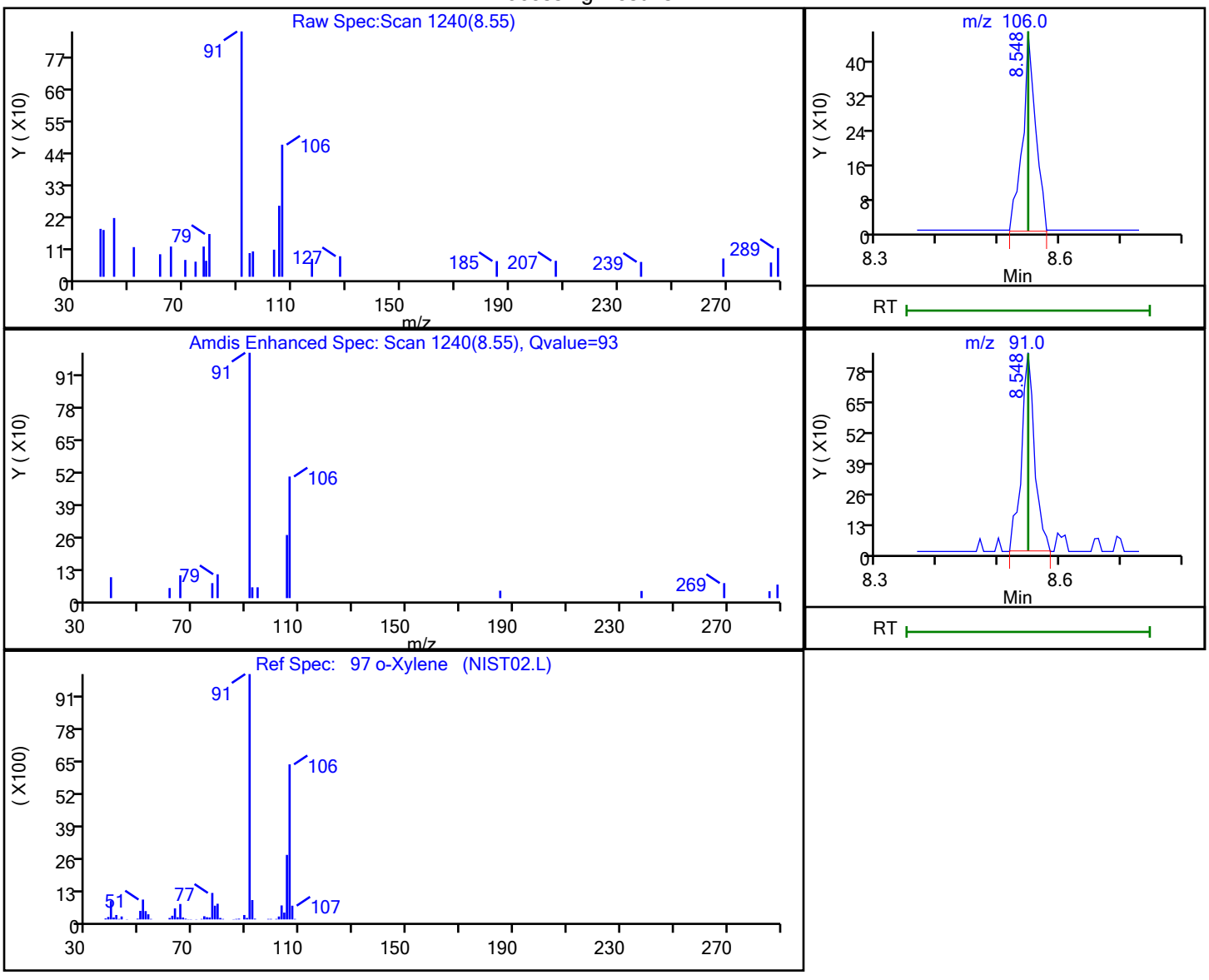
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 97 o-Xylene, CAS: 95-47-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.55 | 106.00 | 679 | 0.189351 |
| 8.55 | 91.00 | 1293 | |

Reviewer: NN6A, 26-Jul-2025 16:30:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

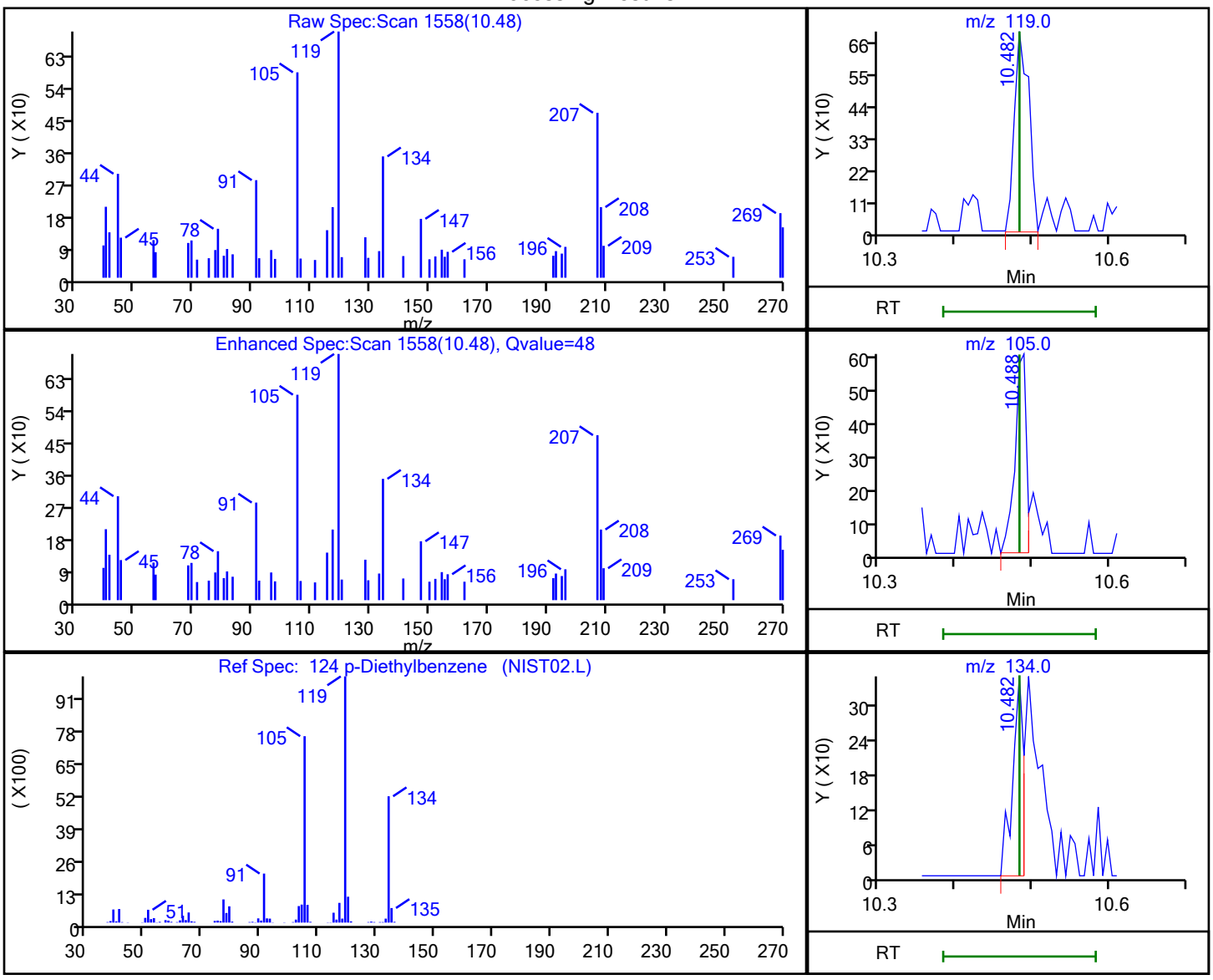
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 124 p-Diethylbenzene, CAS: 105-05-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.48 | 119.00 | 914 | 0.302621 |
| 10.49 | 105.00 | 636 | |
| 10.48 | 134.00 | 347 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

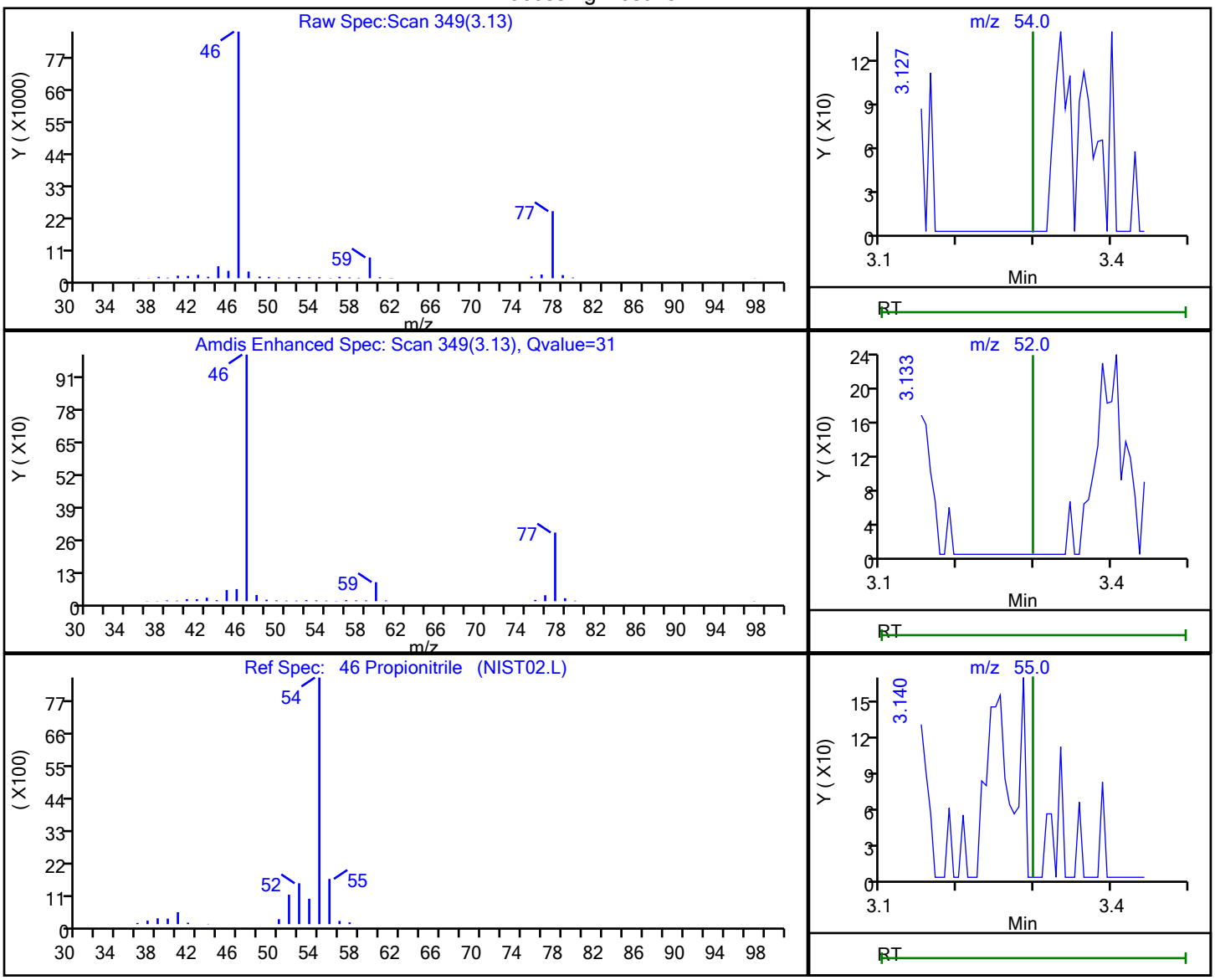
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 46 Propionitrile, CAS: 107-12-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.13 | 54.00 | 399 | 1.381383 |
| 3.13 | 52.00 | 866 | |
| 3.14 | 55.00 | 290 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

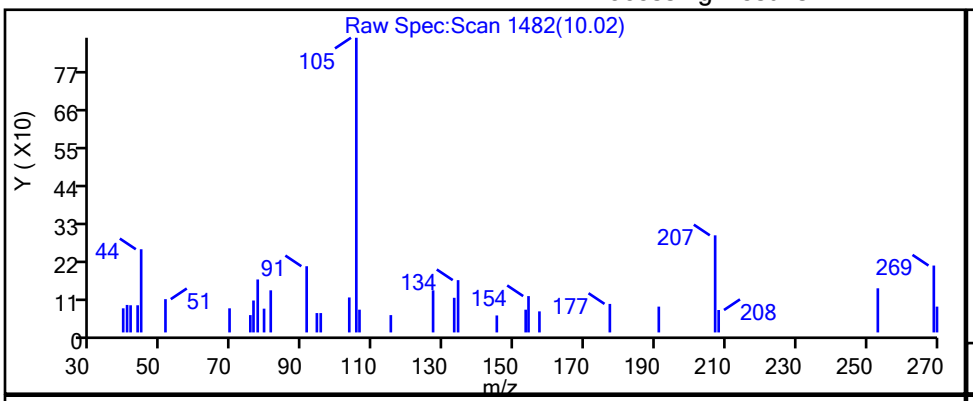
User Disabled Compound Report

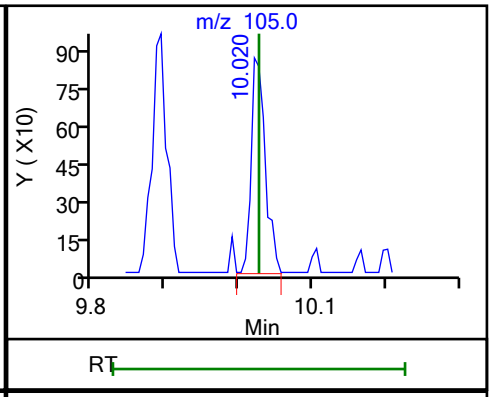
Eurofins Edison

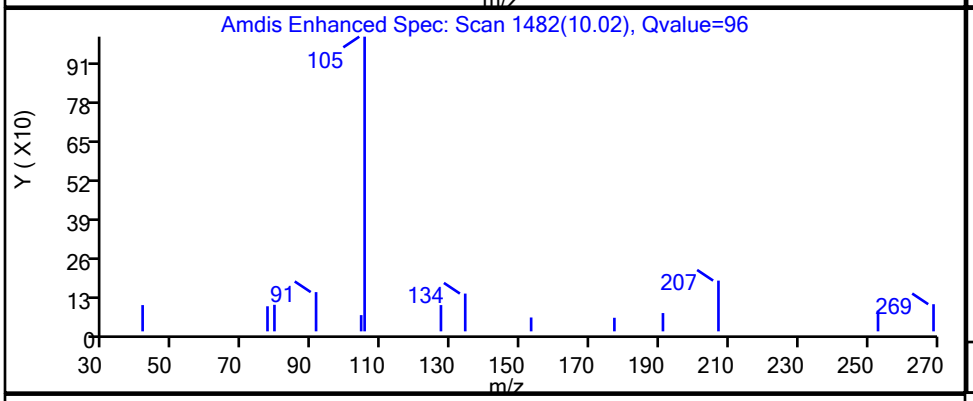
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

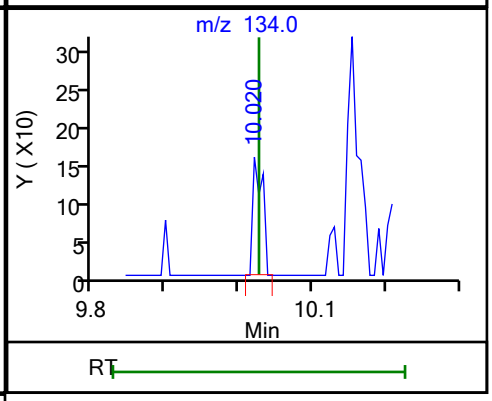
## 116 sec-Butylbenzene, CAS: 135-98-8

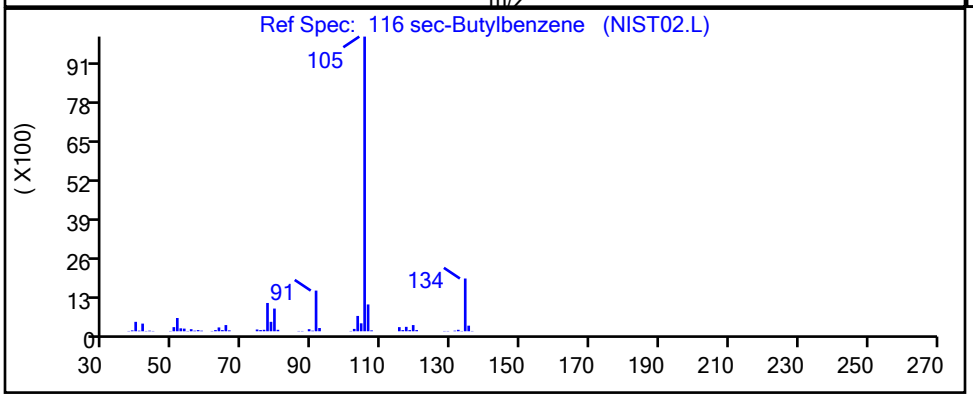
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.02 | 105.00 | 1156 | 0.213047 |
| 10.02 | 134.00 | 143 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

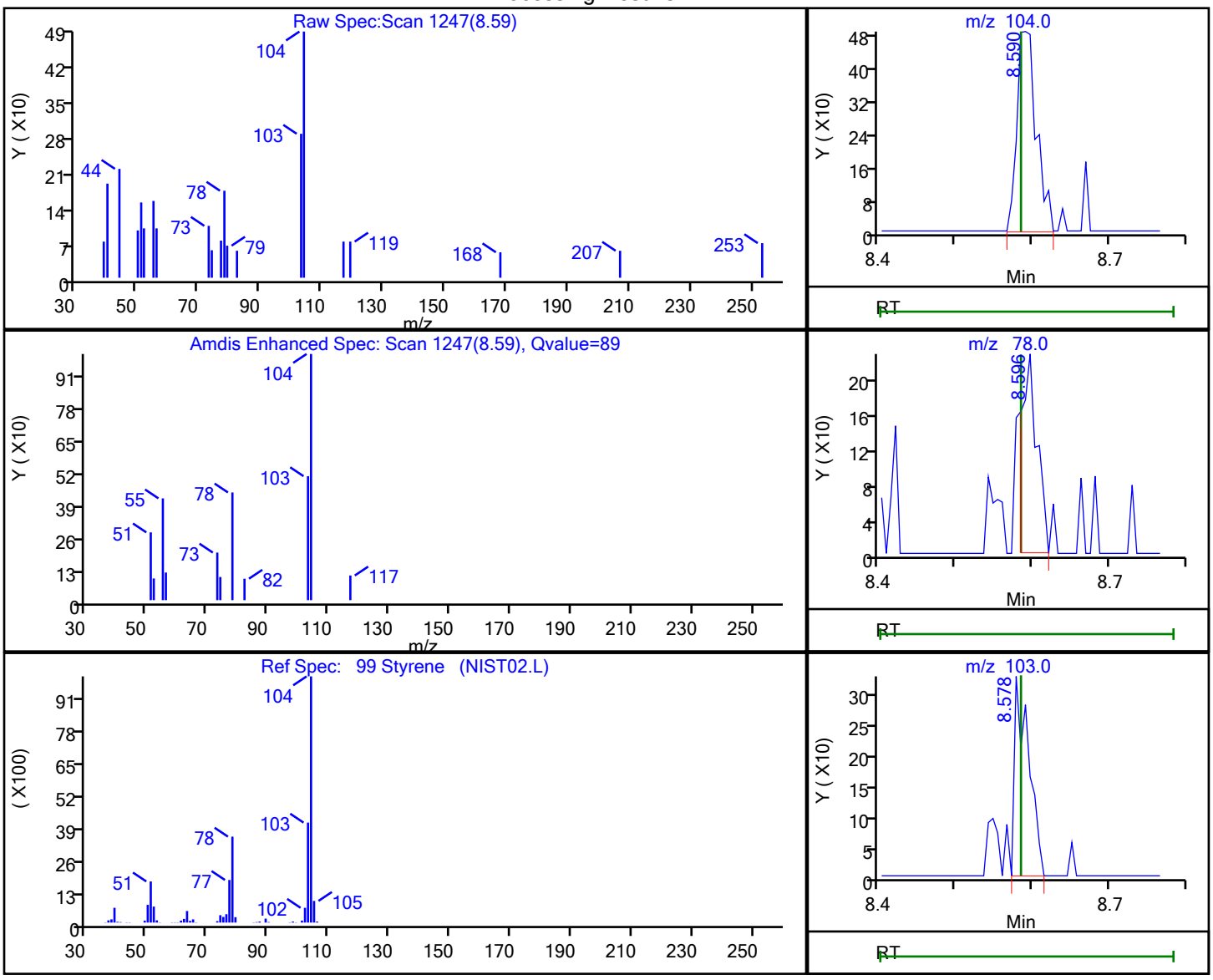
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 99 Styrene, CAS: 100-42-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.59 | 104.00 | 861 | 0.169662 |
| 8.60 | 78.00 | 310 | |
| 8.58 | 103.00 | 430 | |

Reviewer: NN6A, 26-Jul-2025 16:30:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

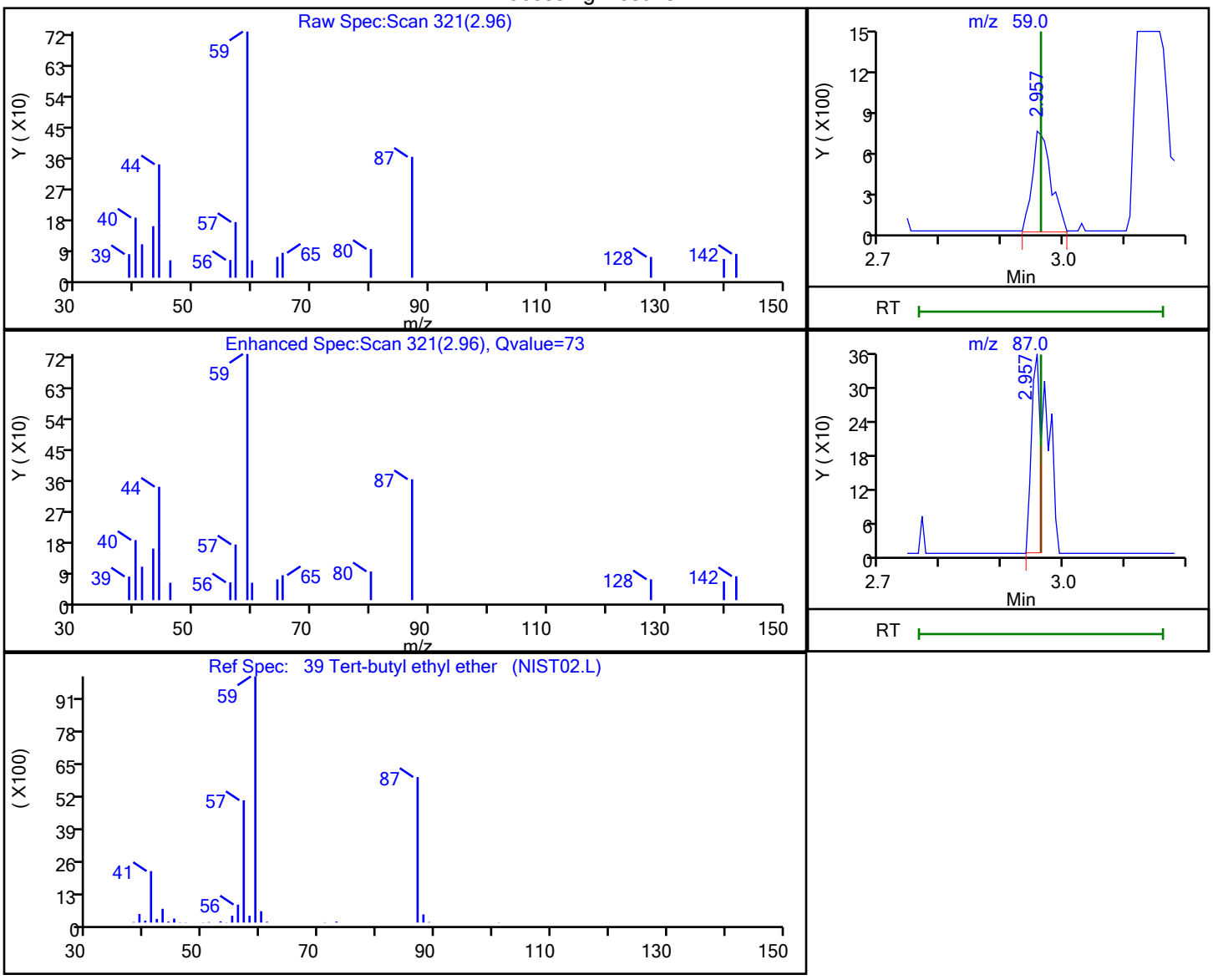
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 39 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.96 | 59.00 | 1525 | 0.189545 |
| 2.96 | 87.00 | 356 | |

Reviewer: NN6A, 26-Jul-2025 16:28:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

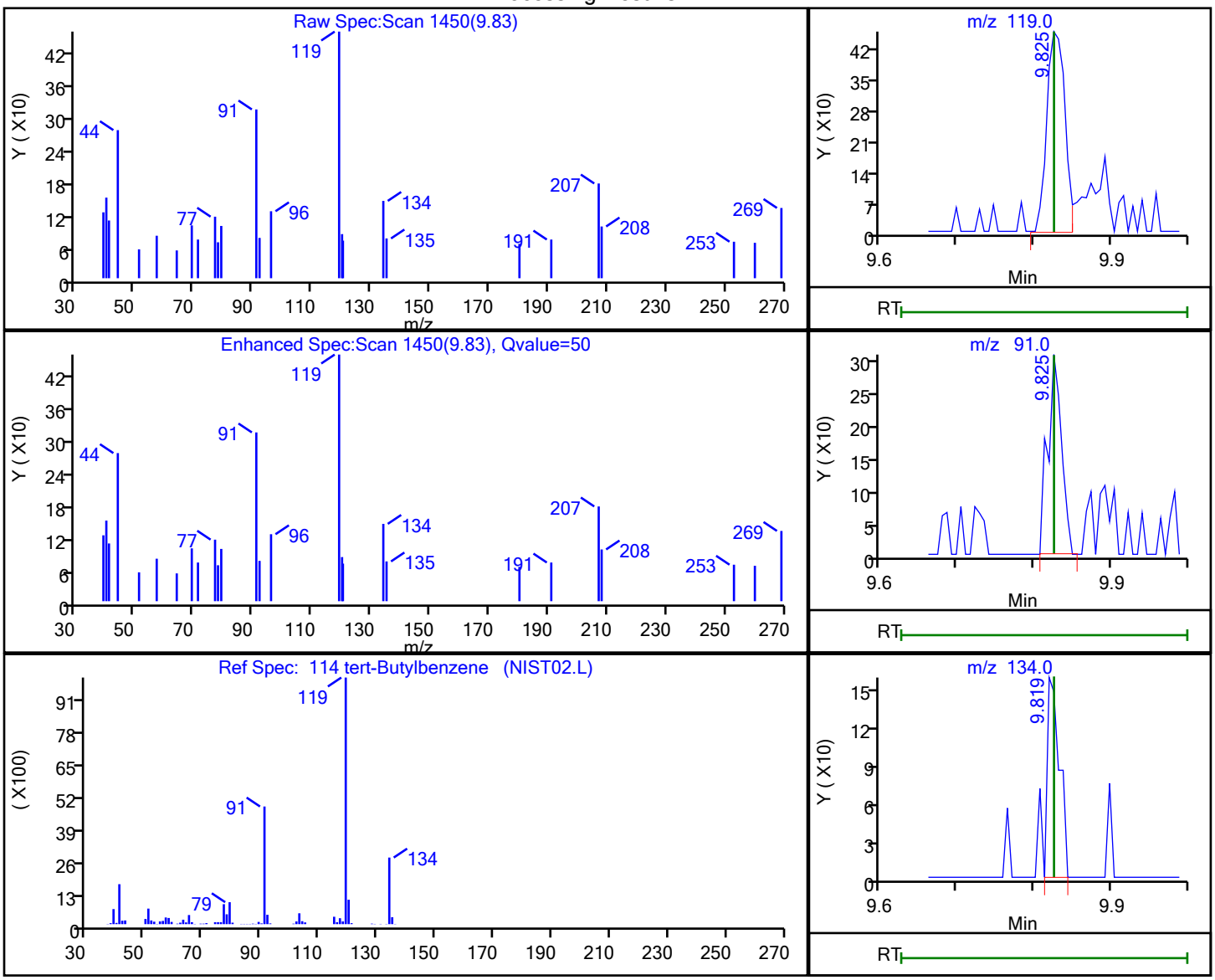
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 114 tert-Butylbenzene, CAS: 98-06-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.83 | 119.00 | 748 | 0.189222 |
| 9.83 | 91.00 | 392 | |
| 9.82 | 134.00 | 168 | |

Reviewer: NN6A, 26-Jul-2025 16:30:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

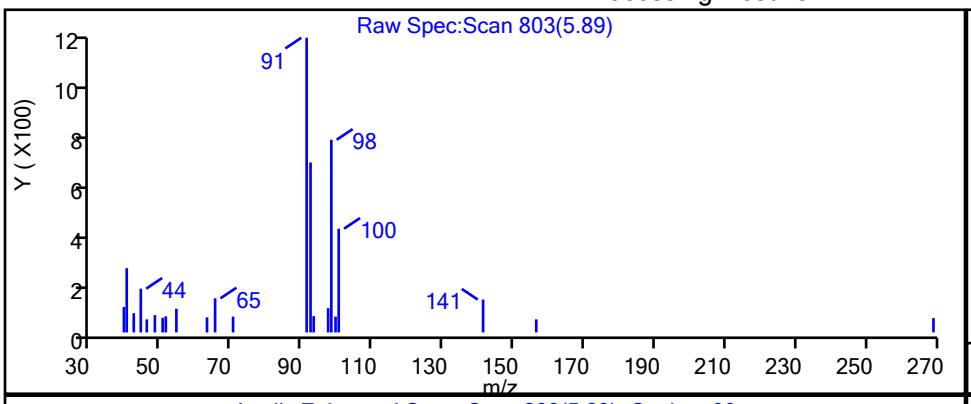
User Disabled Compound Report

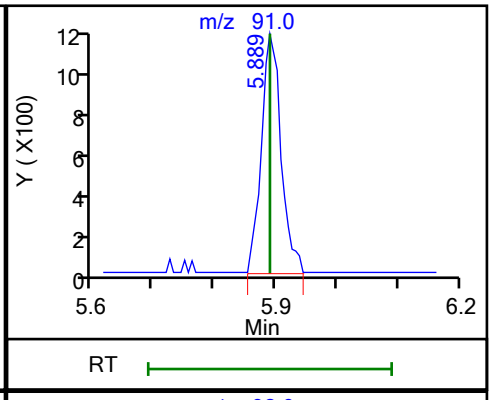
Eurofins Edison

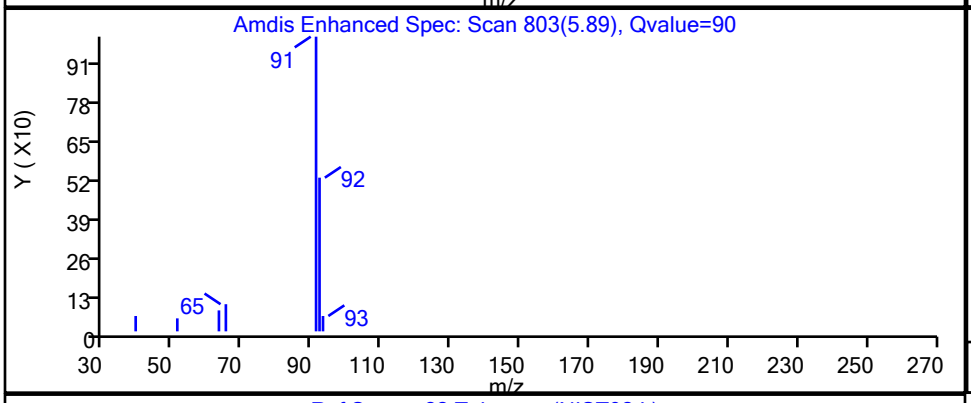
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

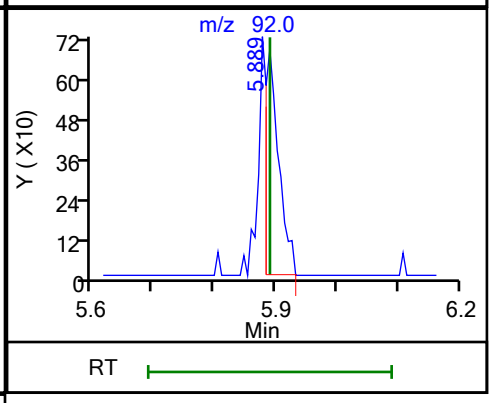
## 82 Toluene, CAS: 108-88-3

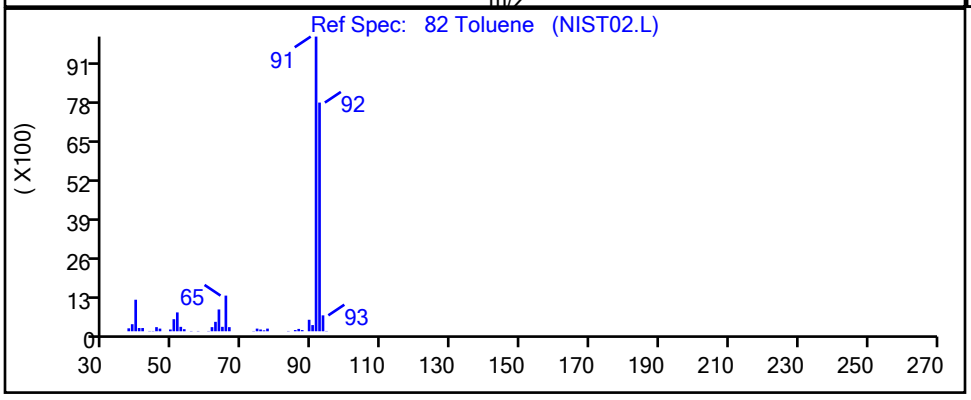
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.89 | 91.00 | 2668 | 0.265133 |
| 5.89 | 92.00 | 1047 | |

Reviewer: NN6A, 26-Jul-2025 16:29:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

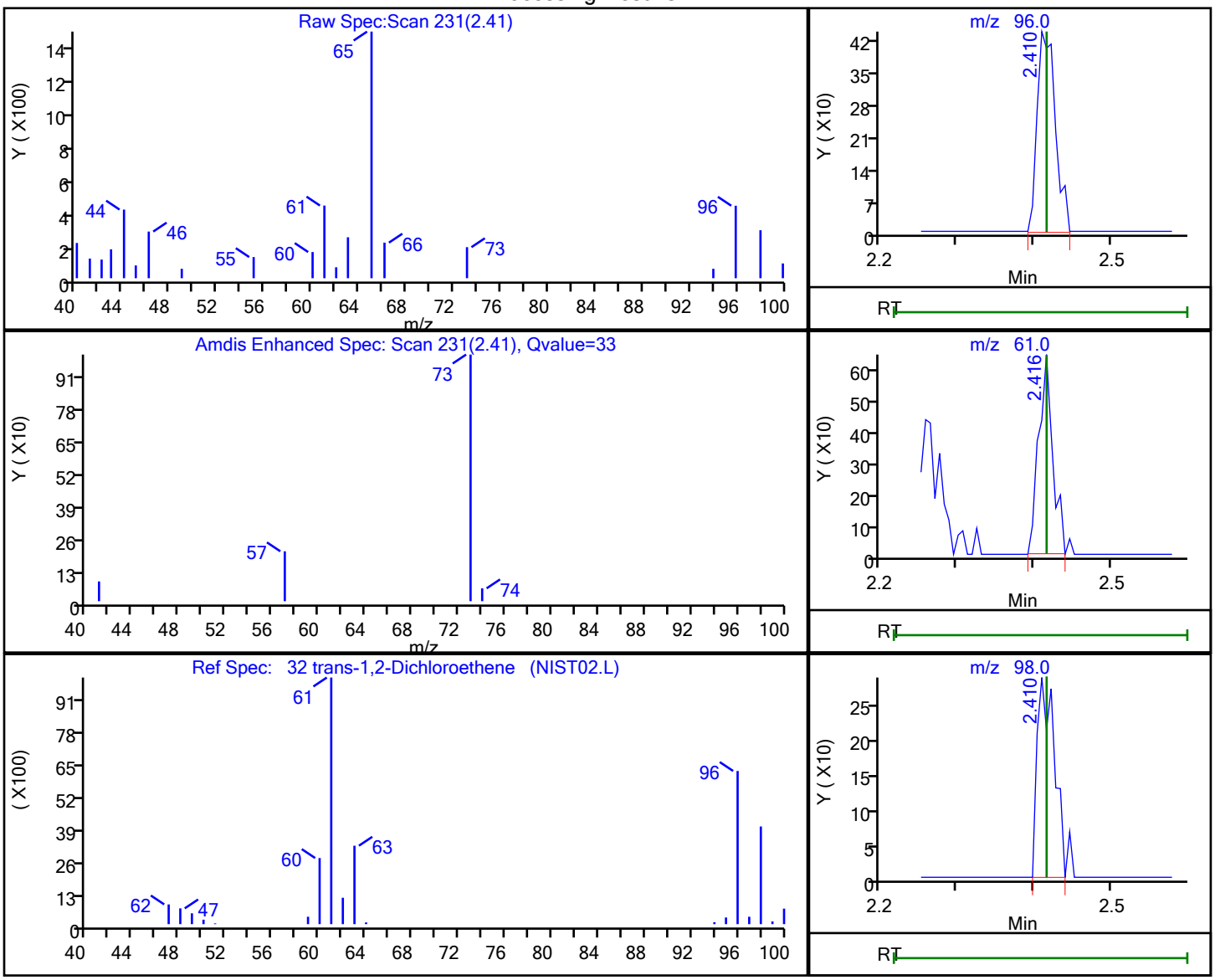
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.41 | 96.00 | 712 | 0.198587 |
| 2.42 | 61.00 | 830 | |
| 2.41 | 98.00 | 449 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

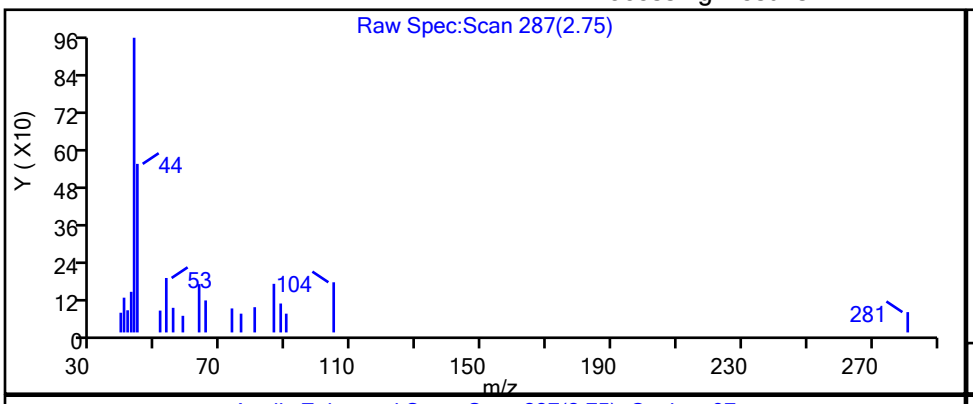
User Disabled Compound Report

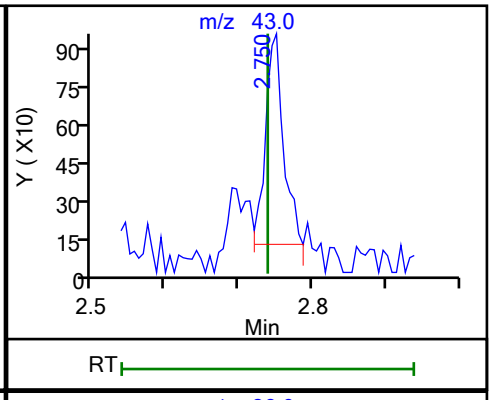
Eurofins Edison

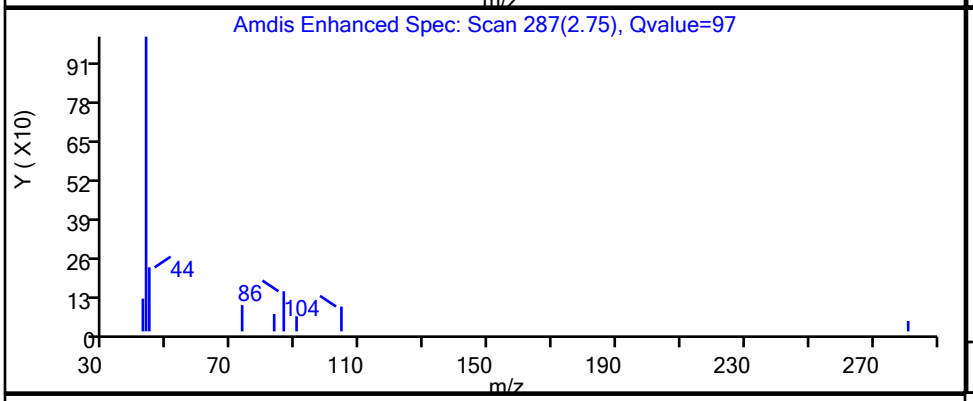
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D | | | | |
| Injection Date: | 26-Jul-2025 14:53:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD9 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

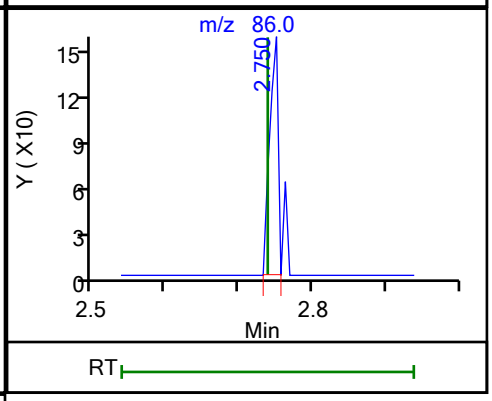
## 37 Vinyl acetate, CAS: 108-05-4

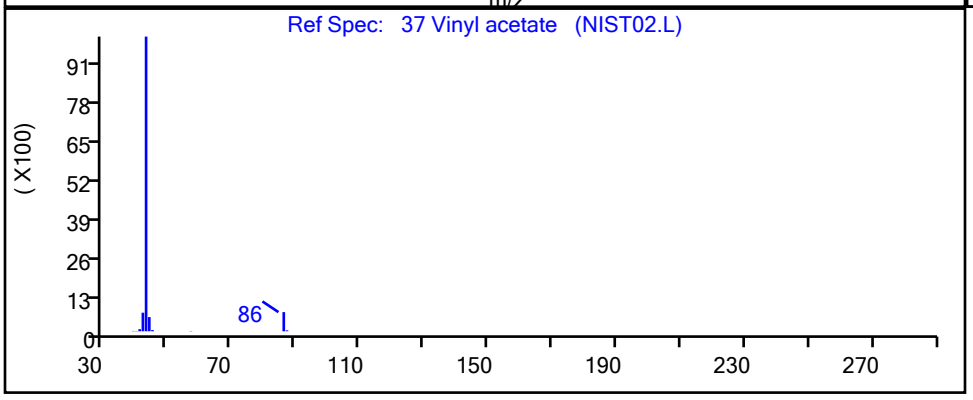
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.75 | 43.00 | 1445 | 0.360858 |
| 2.75 | 86.00 | 127 | |

Reviewer: NN6A, 26-Jul-2025 16:28:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

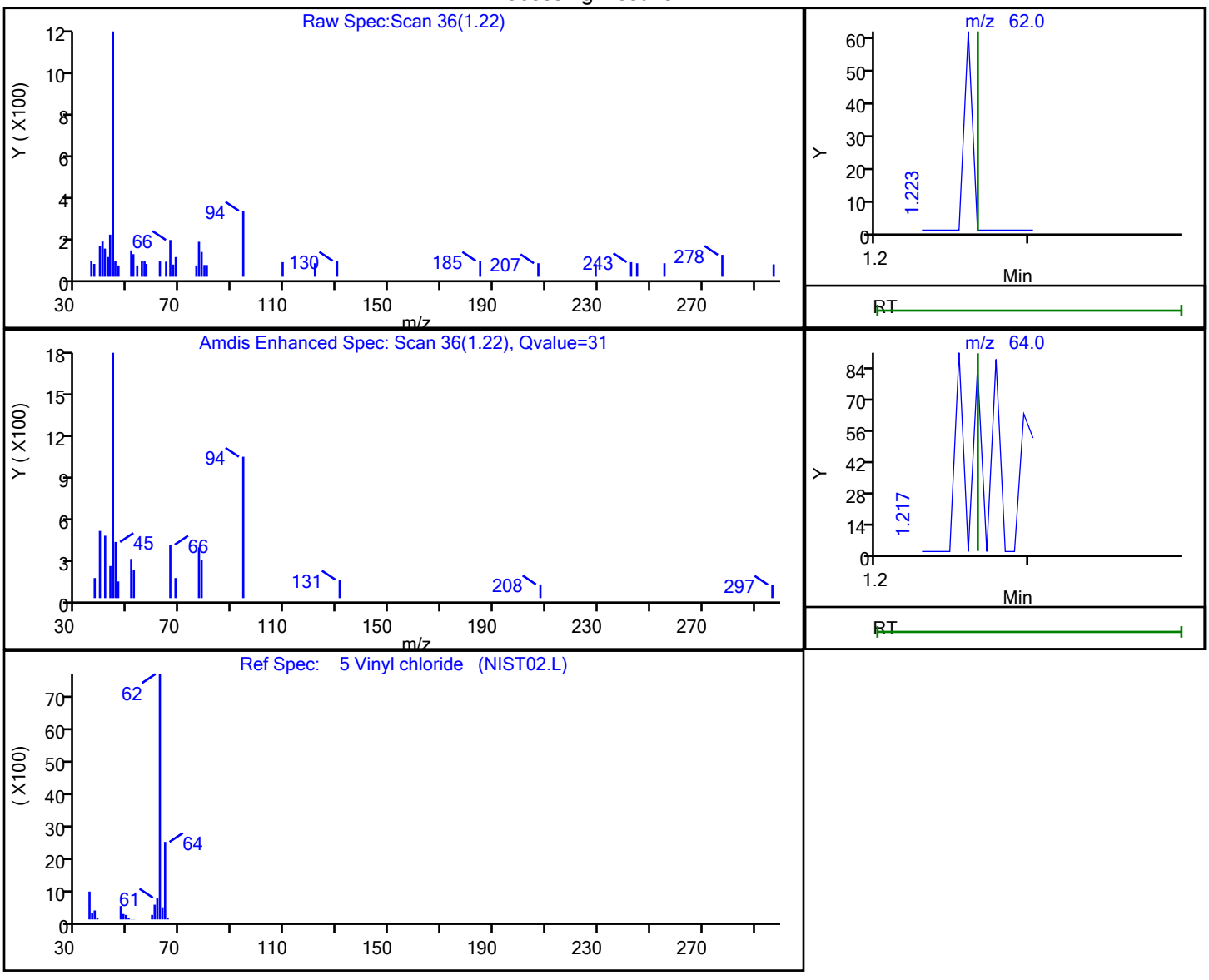
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20683.D
Injection Date: 26-Jul-2025 14:53:30 Instrument ID: CVOAMS8
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 5 Vinyl chloride, CAS: 75-01-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.22 | 62.00 | 25 | 0.010269 |
| 1.22 | 64.00 | 71 | |

Reviewer: NN6A, 26-Jul-2025 16:28:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-Jul-2025 15:16:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0194147-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub82

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:37:33 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 26-Jul-2025 16:32:28

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 6 Butadiene | 54 | 1.273 | 1.272 | 0.001 | 34 | 306 | | 0.1778 | |
| * 28 TBA-d9 (IS) | 65 | 2.265 | 2.264 | 0.001 | 74 | 210016 | 1000.0 | 1000.0 | |
| 33 Acrylonitrile | 53 | 2.478 | 2.471 | 0.007 | 93 | 1561 | 2.00 | 1.78 | |
| * 40 2-Butanone-d5 | 46 | 3.135 | 3.134 | 0.001 | 89 | 209371 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.555 | 3.553 | 0.002 | 96 | 143168 | 50.0 | 47.2 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.871 | 3.870 | 0.001 | 0 | 108518 | 50.0 | 47.5 | |
| * 64 Fluorobenzene | 96 | 4.126 | 4.125 | 0.001 | 100 | 532674 | 50.0 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.826 | 4.819 | 0.007 | 0 | 20218 | 1000.0 | 1000.0 | |
| 78 Epichlorohydrin | 57 | 5.568 | 5.506 | 0.062 | 3 | 569 | 5.00 | 3.43 | Ma |
| $ 81 Toluene-d8 (Surr) | 98 | 5.806 | 5.804 | 0.002 | 99 | 343042 | 50.0 | 46.2 | |
| * 92 Chlorobenzene-d5 | 117 | 7.764 | 7.763 | 0.001 | 81 | 344073 | 50.0 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.145 | 9.150 | -0.005 | 95 | 87397 | 50.0 | 46.0 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.216 | 10.215 | 0.001 | 92 | 153143 | 50.0 | 50.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00209 | Amount Added: | 0.00 | Units: uL | |
| 524FREONS_00037 | Amount Added: | 0.00 | Units: uL | |
| ACROLEIN W_00186 | Amount Added: | 0.00 | Units: uL | |
| GASES Li_00653 | Amount Added: | 0.00 | Units: uL | |
| 14DIOXINTER_00187 | Amount Added: | 0.00 | Units: uL | |
| ACRY/EPIH MIX_00139 | Amount Added: | 20.00 | Units: uL | |
| MIX I Hi_00191 | Amount Added: | 0.00 | Units: uL | |
| GAS Hi_00500 | Amount Added: | 0.00 | Units: uL | |
| Ethanol mix_00104 | Amount Added: | 0.00 | Units: uL | |
| MIX 2 Hi_00164 | Amount Added: | 0.00 | Units: uL | |
| 7 Freons Hi_00030 | Amount Added: | 0.00 | Units: uL | |
| alpha-Pinene_00012 | Amount Added: | 0.00 | Units: uL | |
| alpha-Pinene_00013 | Amount Added: | 0.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00255 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 27-Jul-2025 13:37:33 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D

Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8 Operator ID:

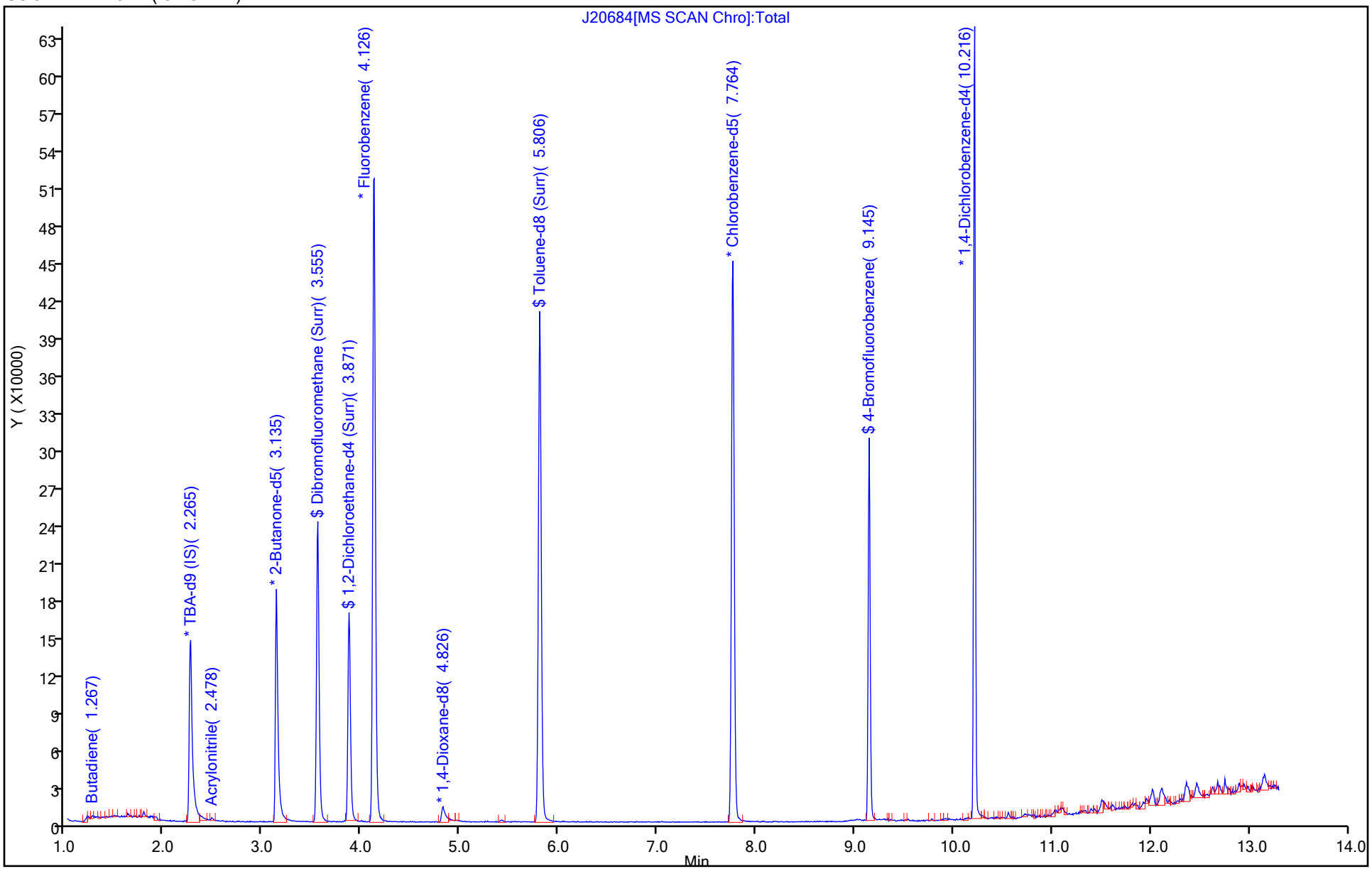
Lims ID: STD8 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






08/18/2025

Manual Integration/User Assign Peak Report

Eurofins Edison

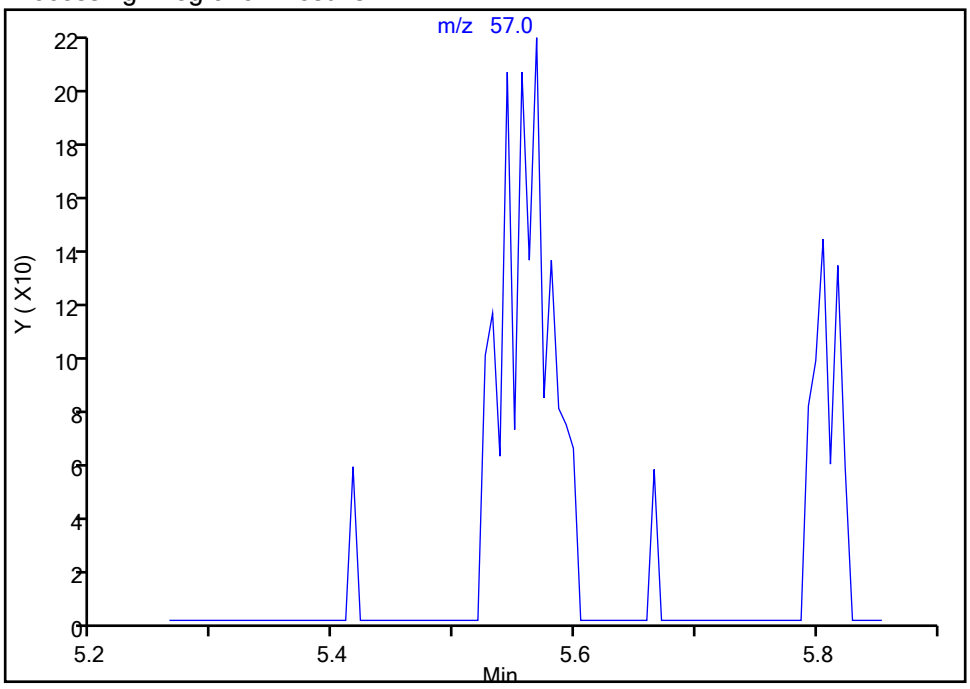
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

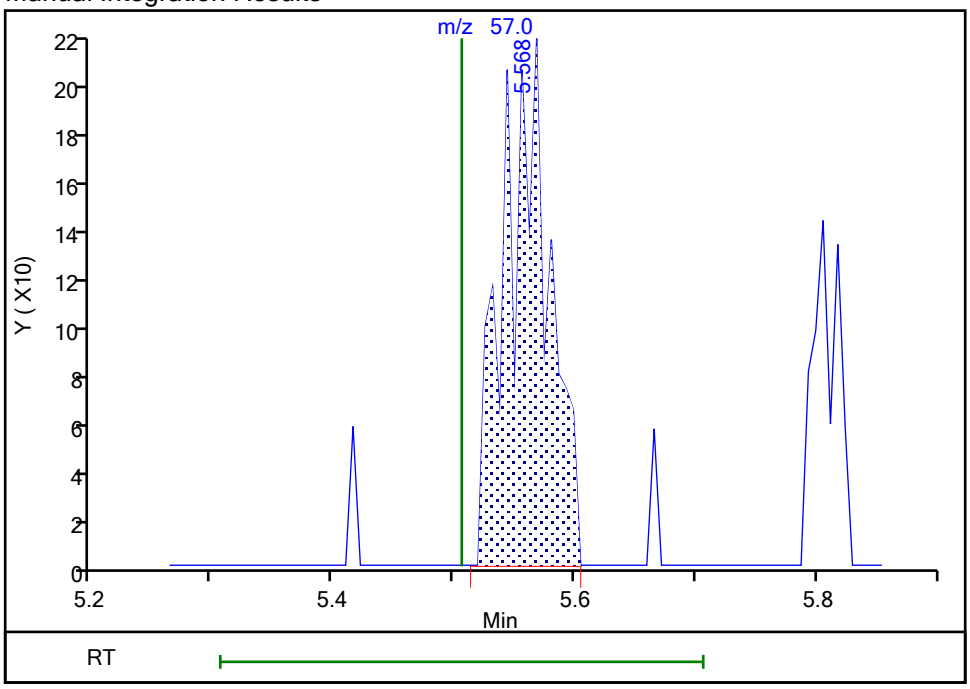
Not Detected
Expected RT: 5.51

Processing Integration Results




Manual Integration Results

RT: 5.57
Area: 569
Amount: 3.431694
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:31:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

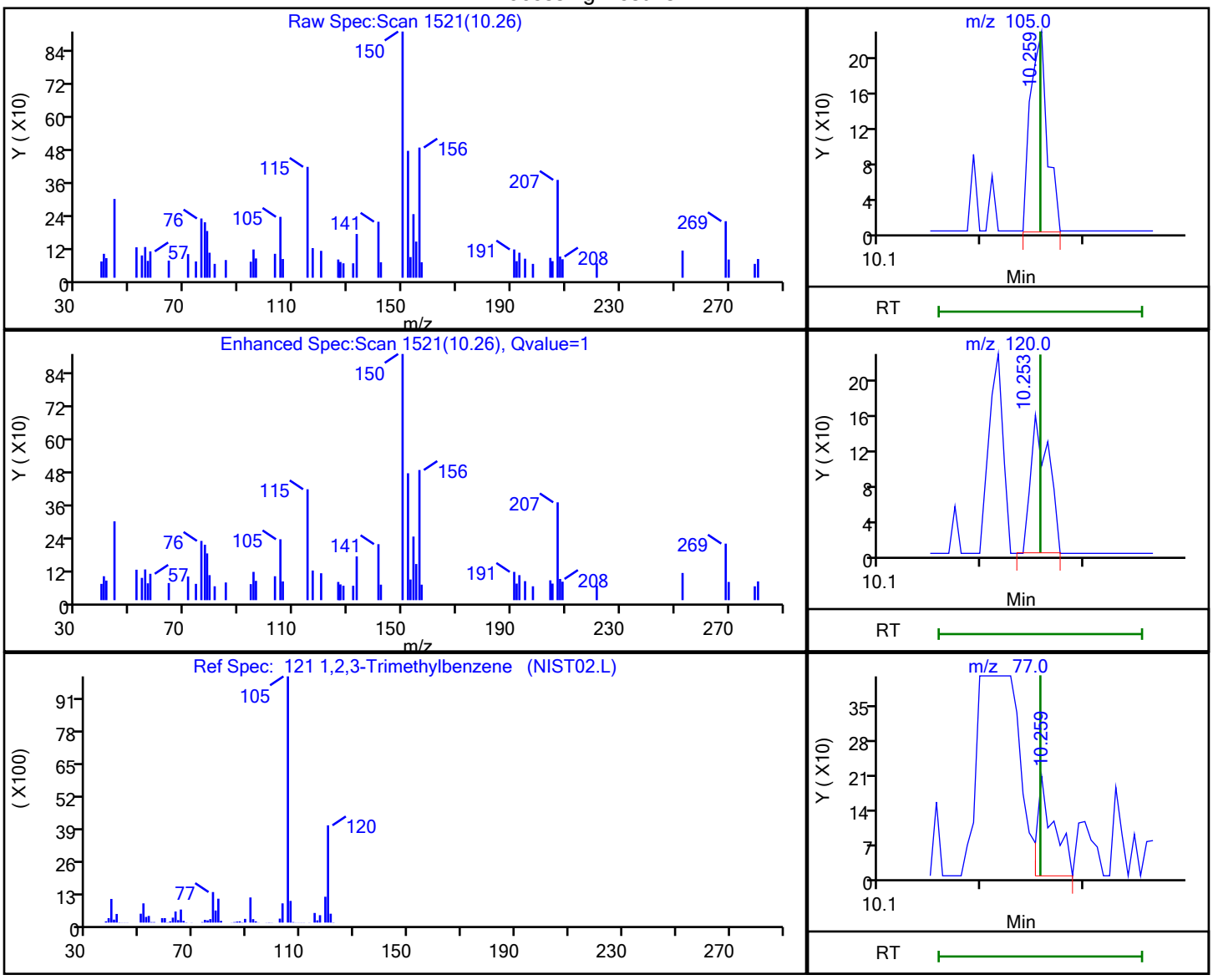
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.26 | 105.00 | 256 | 0.038770 |
| 10.25 | 120.00 | 191 | |
| 10.26 | 77.00 | 230 | |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

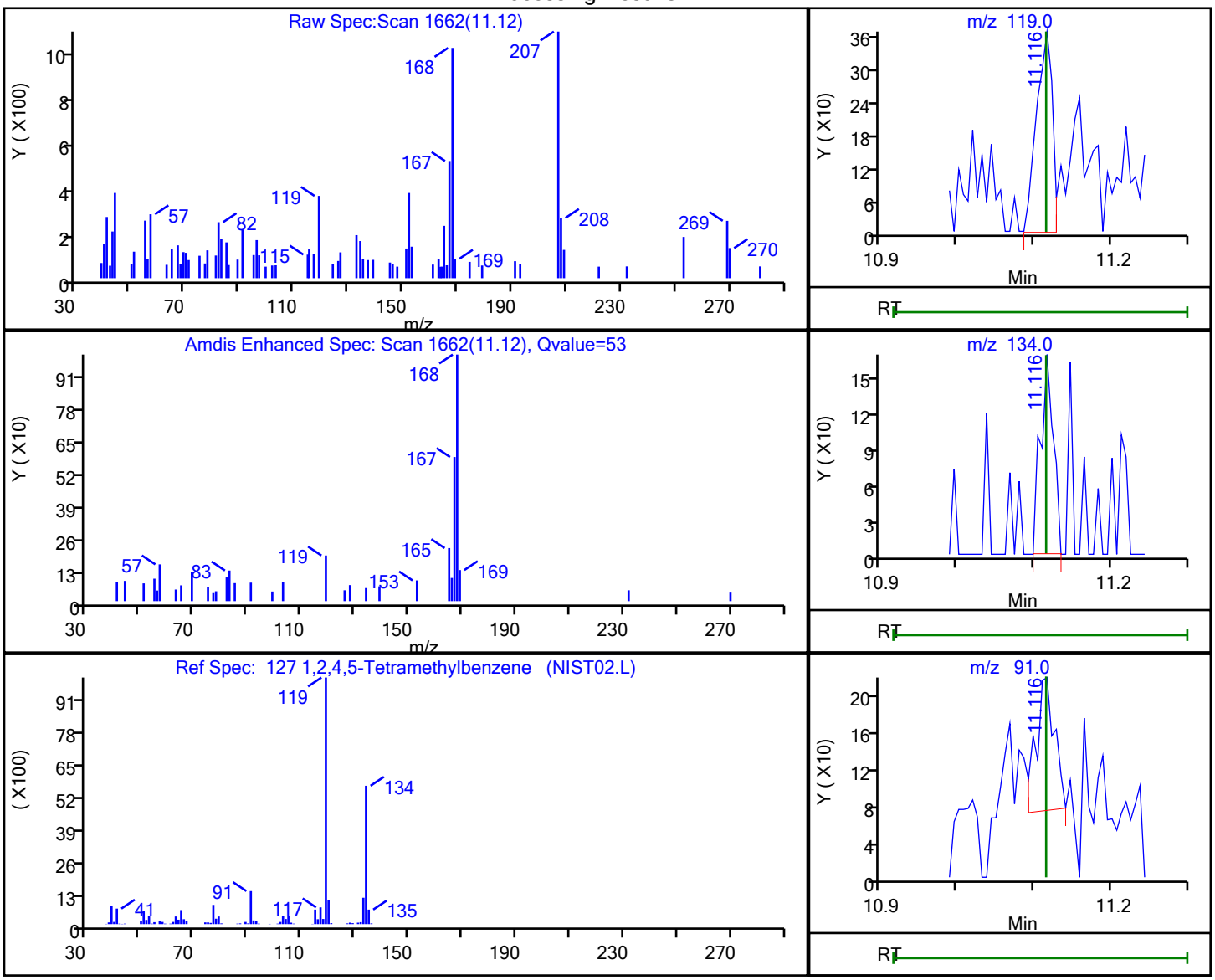
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.12 | 119.00 | 526 | 0.100901 |
| 11.12 | 134.00 | 193 | |
| 11.12 | 91.00 | 237 | |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

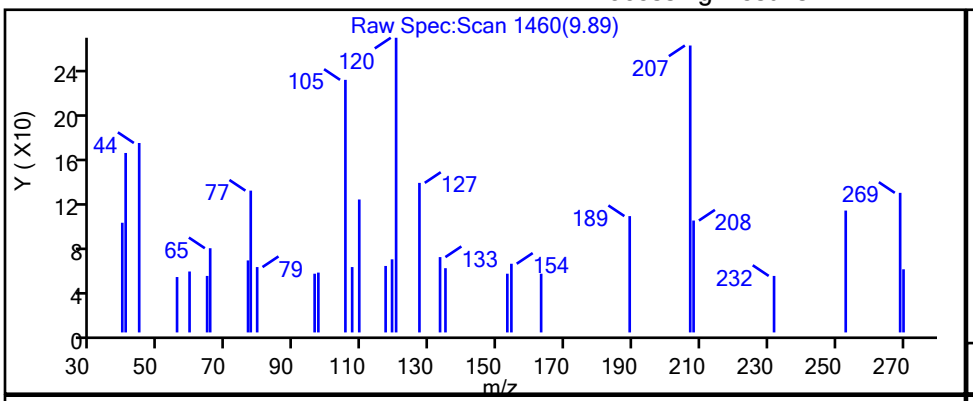
User Disabled Compound Report

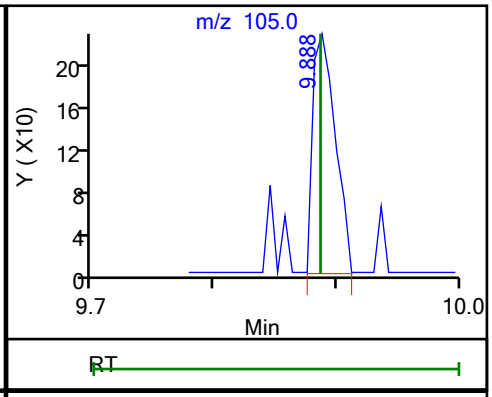
Eurofins Edison

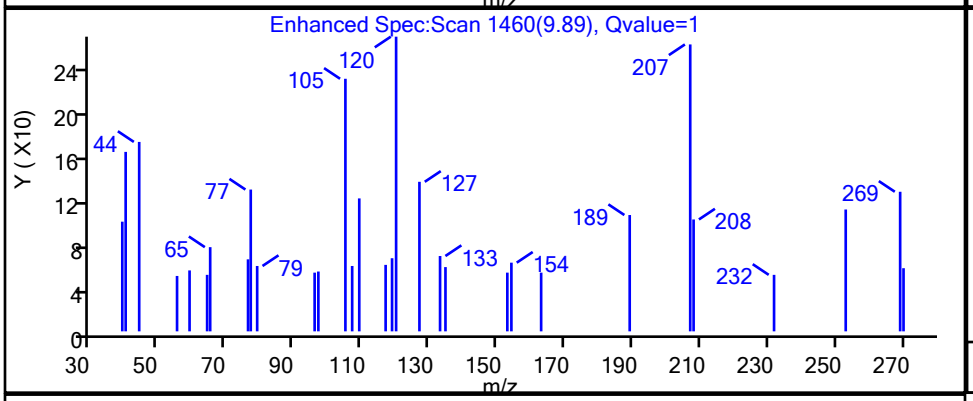
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

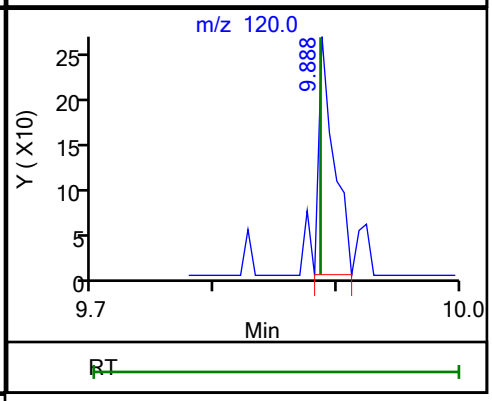
## 115 1,2,4-Trimethylbenzene, CAS: 95-63-6

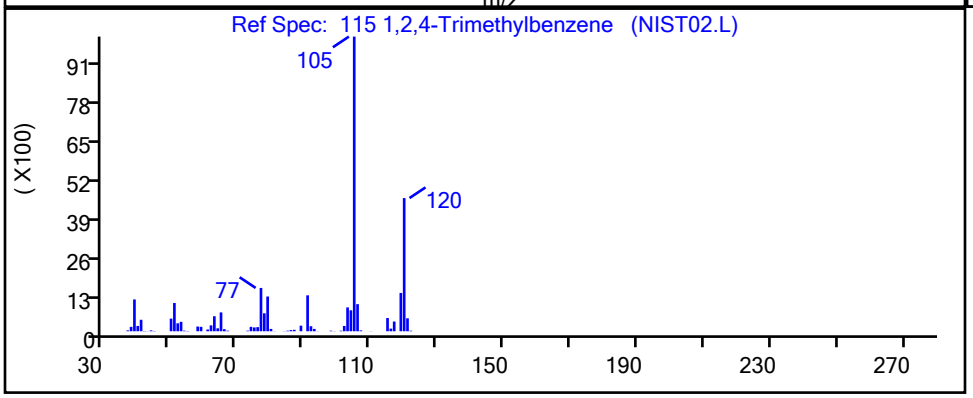
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.89 | 105.00 | 292 | 0.049978 |
| 9.89 | 120.00 | 227 | |

Reviewer: NN6A, 26-Jul-2025 16:31:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

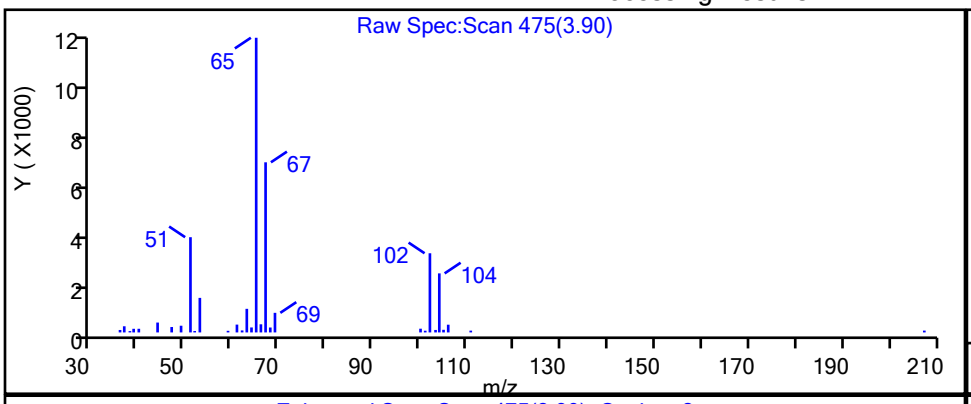
User Disabled Compound Report

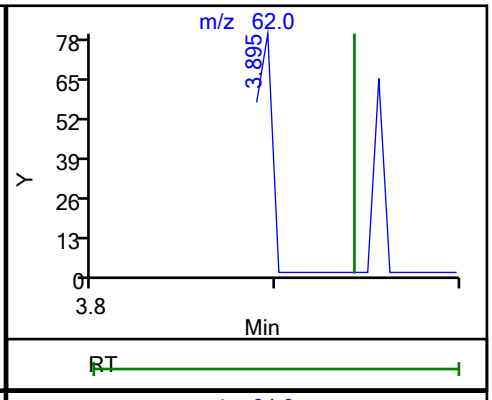
Eurofins Edison

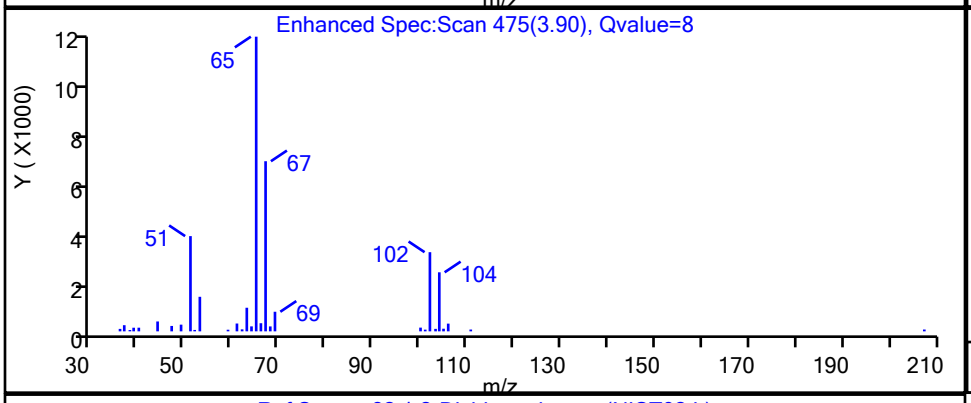
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

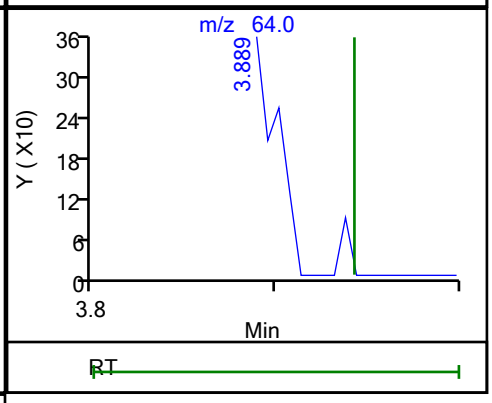
## 62 1,2-Dichloroethane, CAS: 107-06-2

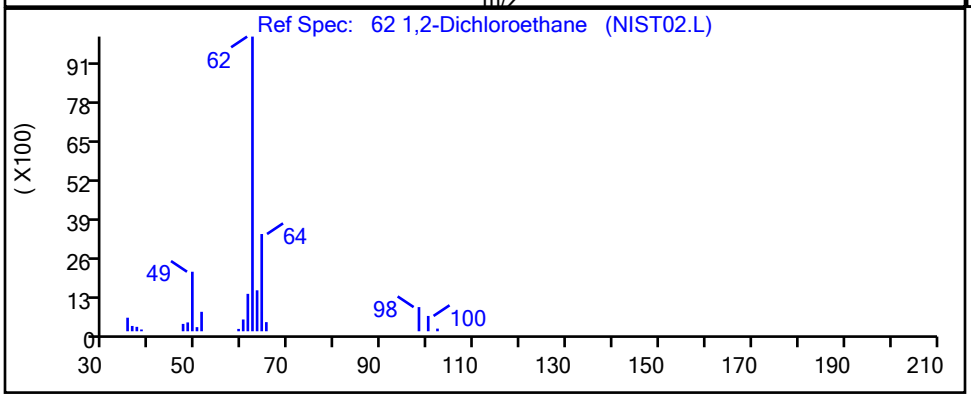
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.90 | 62.00 | 50 | 0.013875 |
| 3.89 | 64.00 | 335 | |

Reviewer: NN6A, 26-Jul-2025 16:31:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

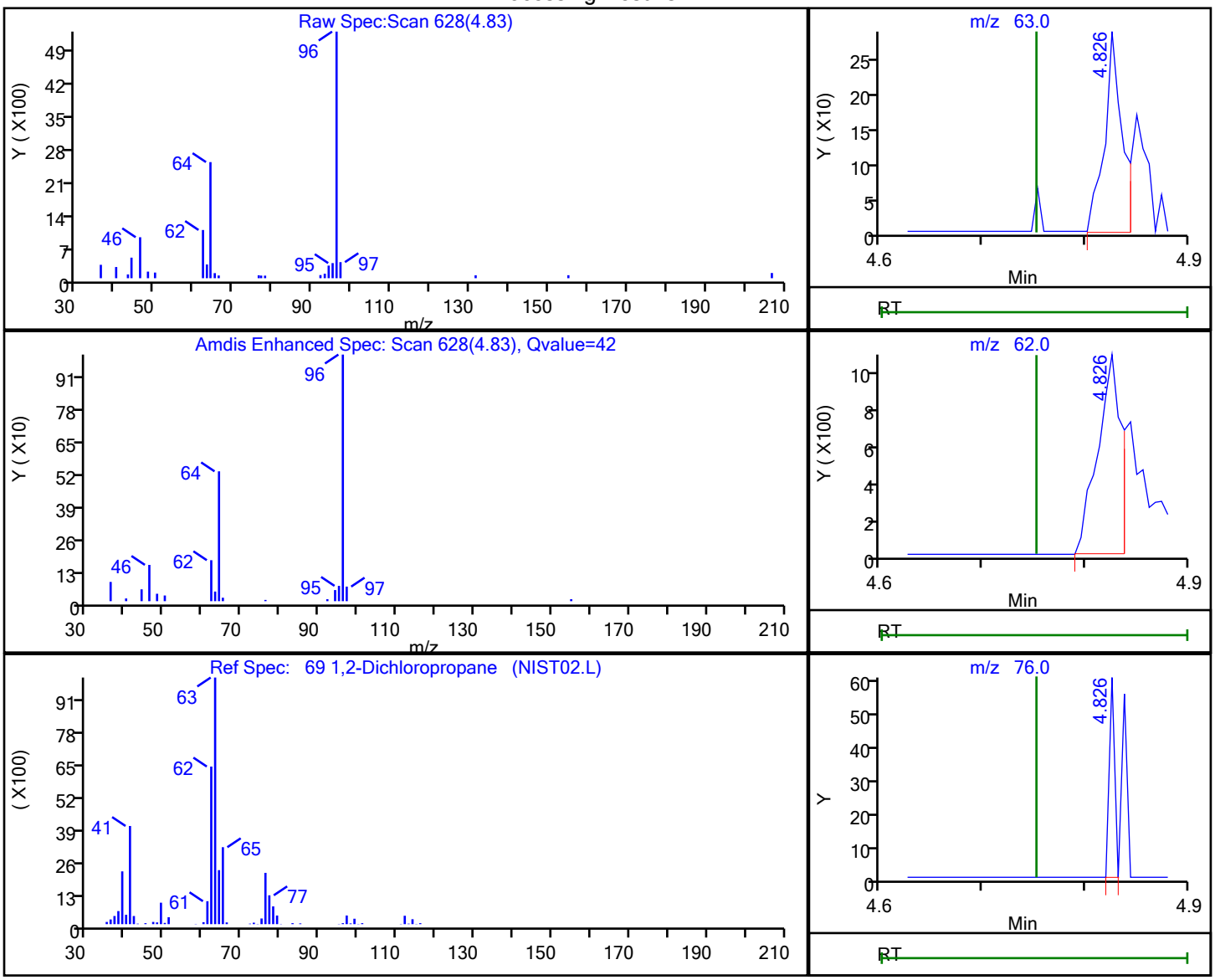
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D | | | | |
| Injection Date: | 26-Jul-2025 15:16:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 3 | Worklist Smp#: | 4 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 69 1,2-Dichloropropane, CAS: 78-87-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.83 | 63.00 | 349 | 0.134525 |
| 4.83 | 62.00 | 1653 | |
| 4.83 | 76.00 | 22 | |
| 4.75 | 112.00 | 0 | |

Reviewer: NN6A, 26-Jul-2025 16:31:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

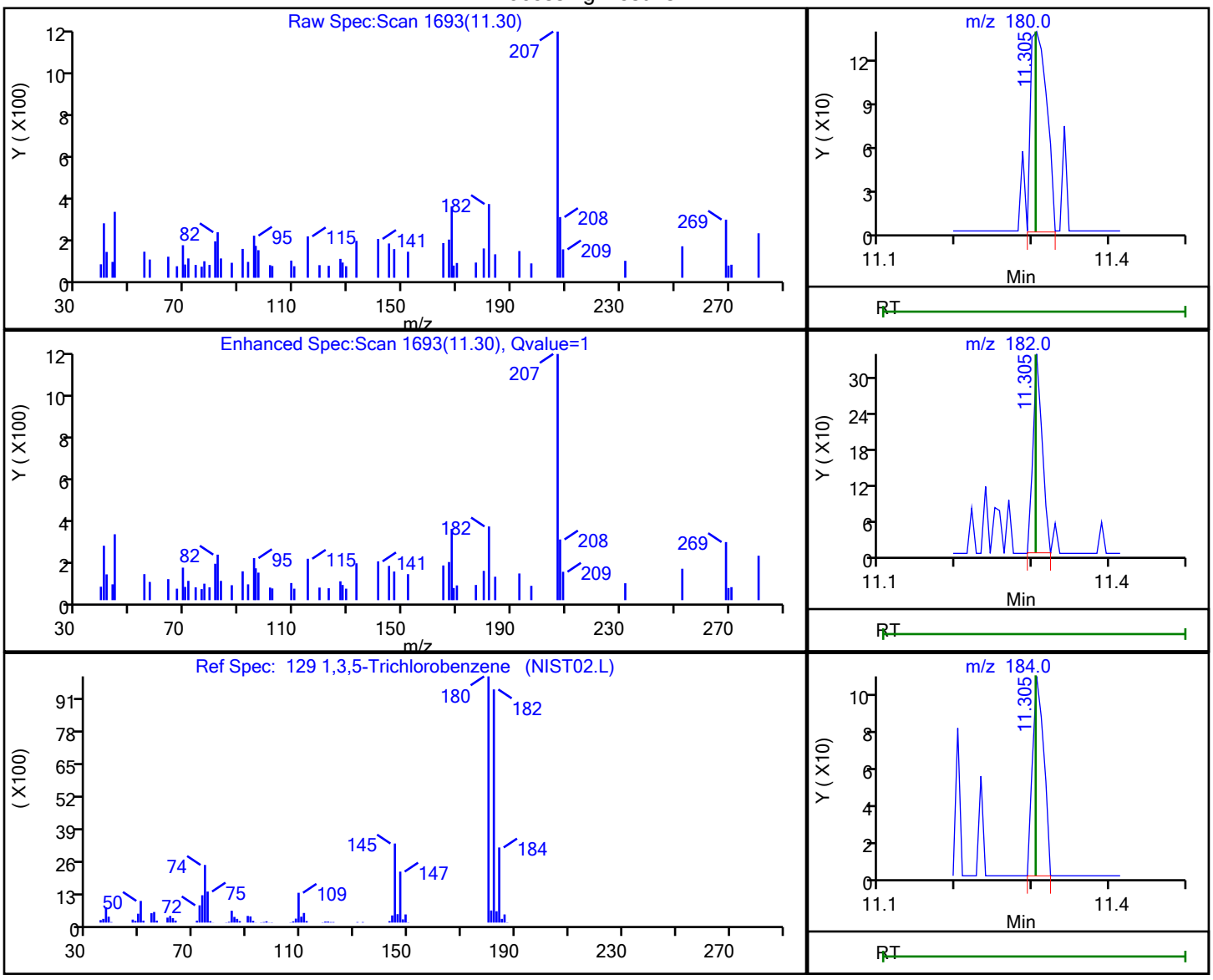
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 129 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.30 | 180.00 | 198 | 0.085902 |
| 11.30 | 182.00 | 284 | |
| 11.30 | 184.00 | 111 | |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

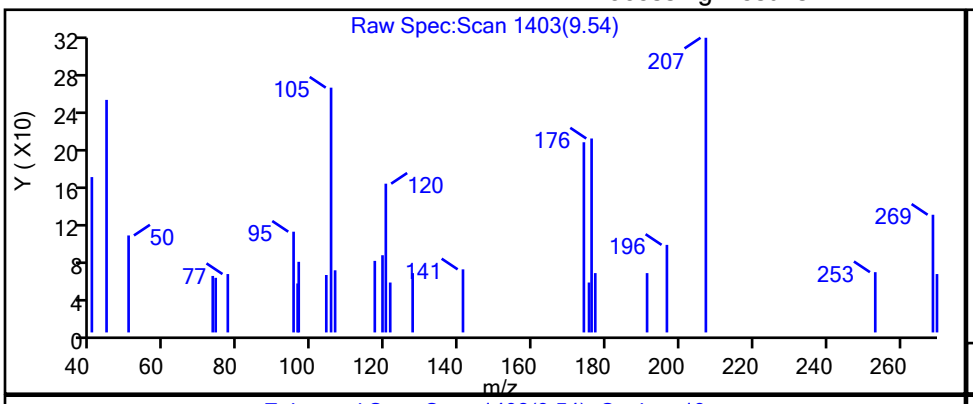
User Disabled Compound Report

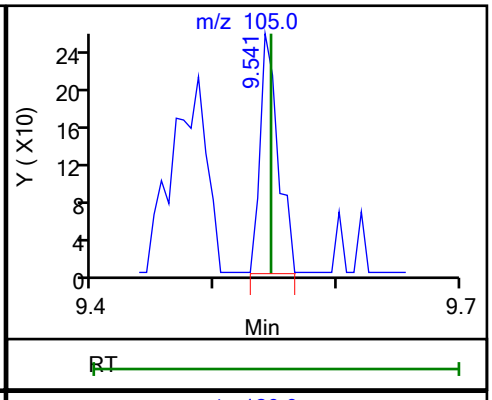
Eurofins Edison

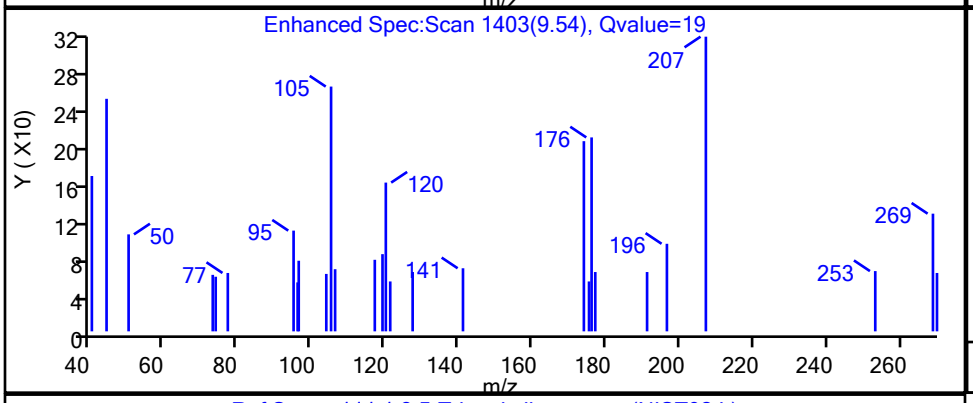
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

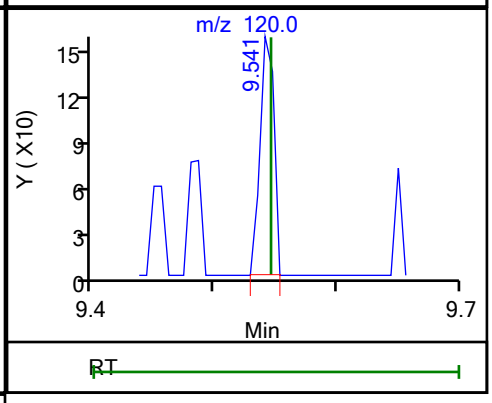
## 111 1,3,5-Trimethylbenzene, CAS: 108-67-8

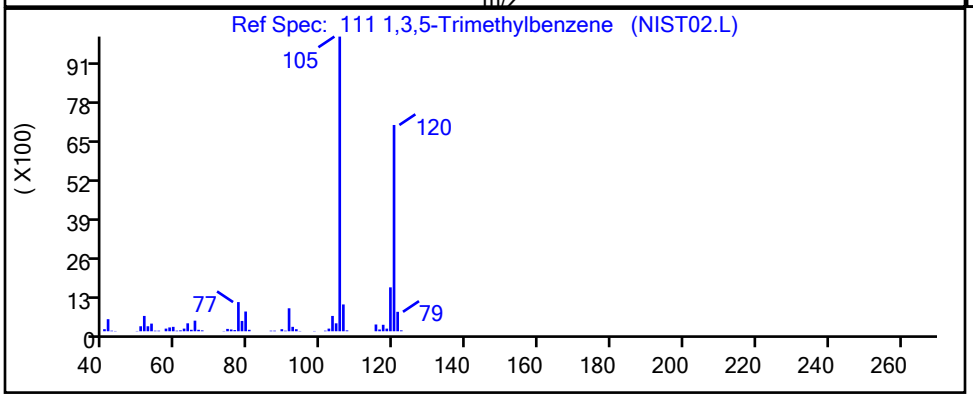
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.54 | 105.00 | 265 | 0.048532 |
| 9.54 | 120.00 | 126 | |

Reviewer: NN6A, 26-Jul-2025 16:31:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

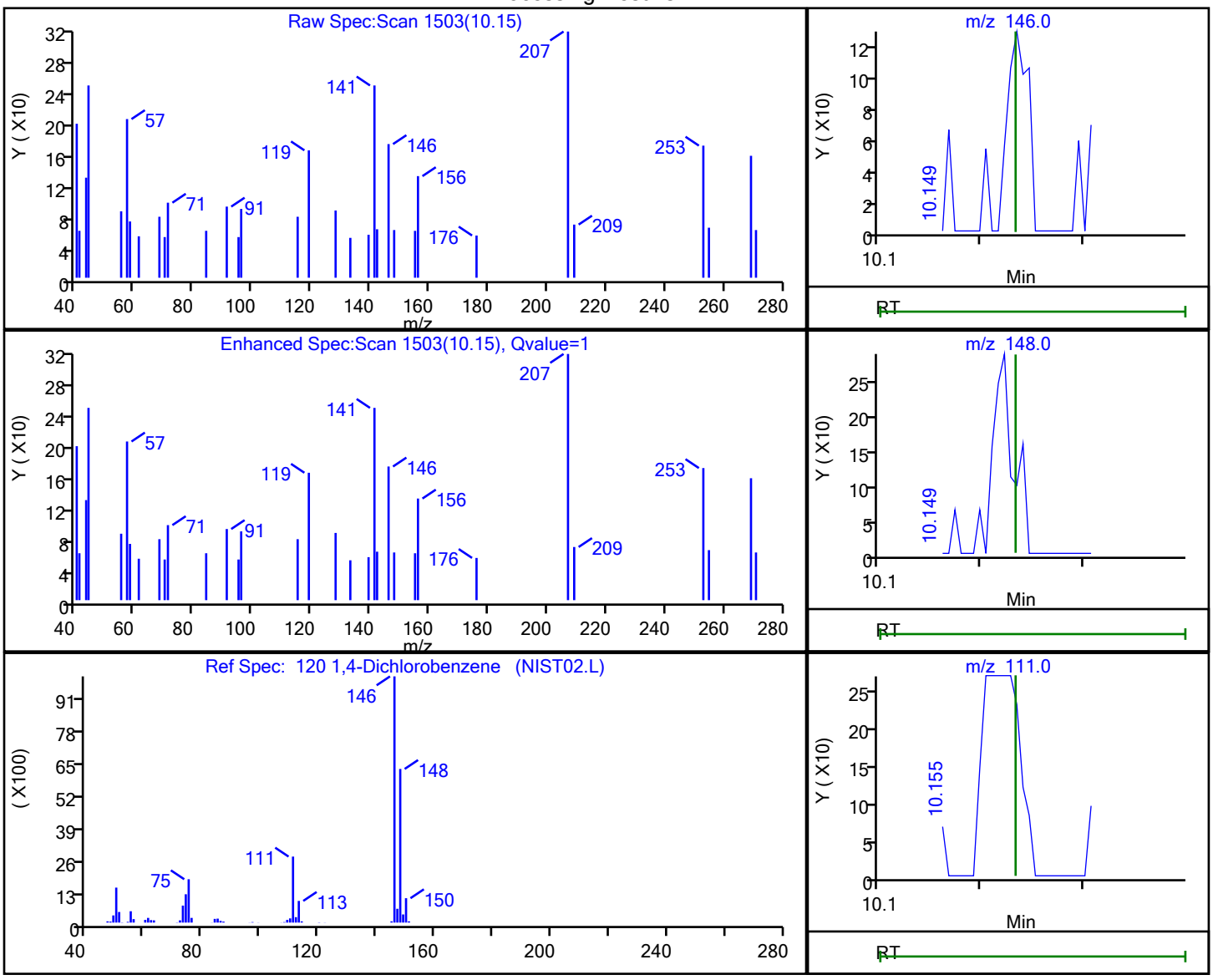
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 120 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.15 | 146.00 | 129 | 0.033691 |
| 10.15 | 148.00 | 63 | |
| 10.16 | 111.00 | 73 | |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

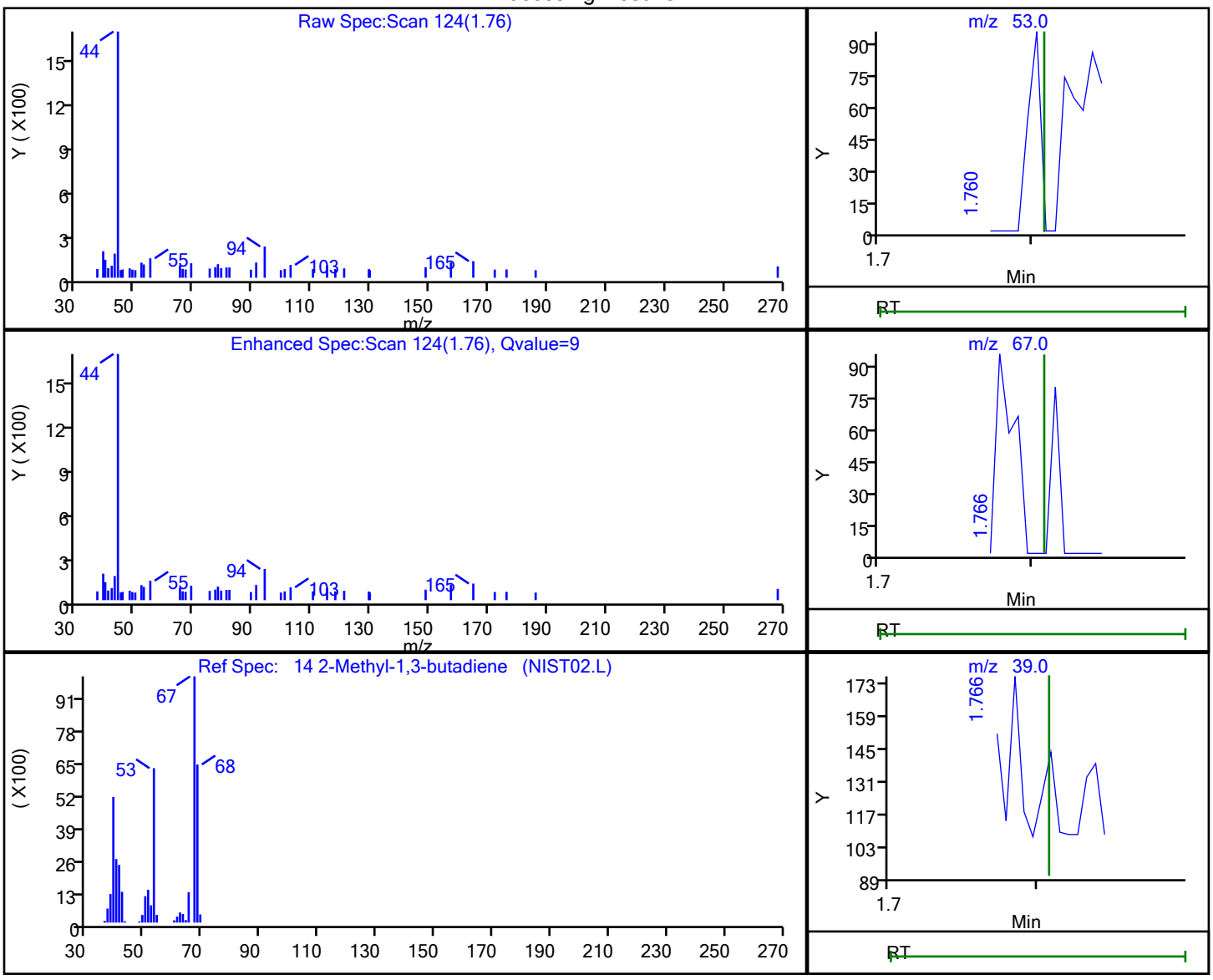
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.76 | 53.00 | 32 | 0.016478 |
| 1.77 | 67.00 | 44 | |
| 1.77 | 39.00 | 96 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

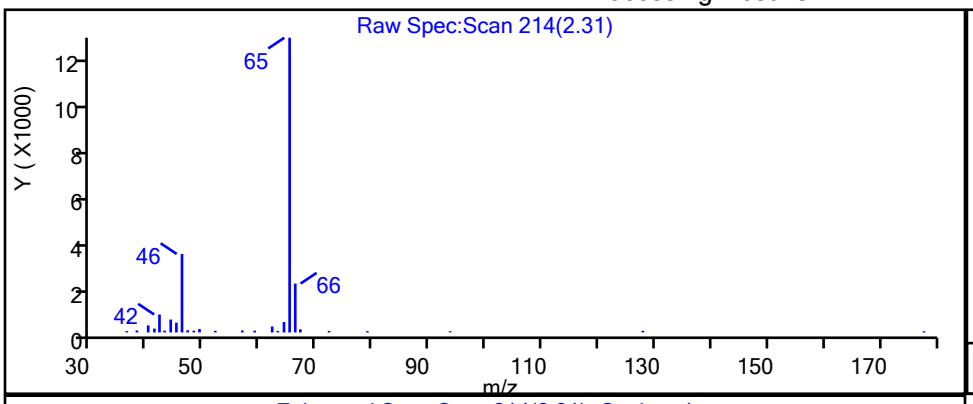
User Disabled Compound Report

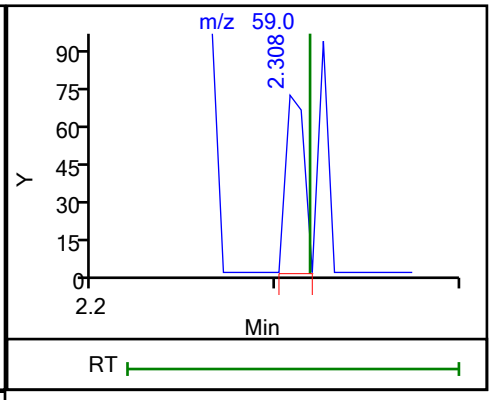
Eurofins Edison

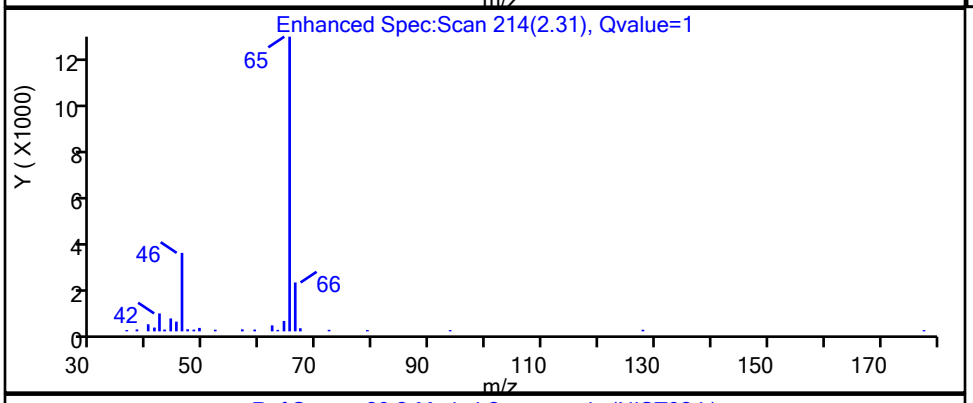
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

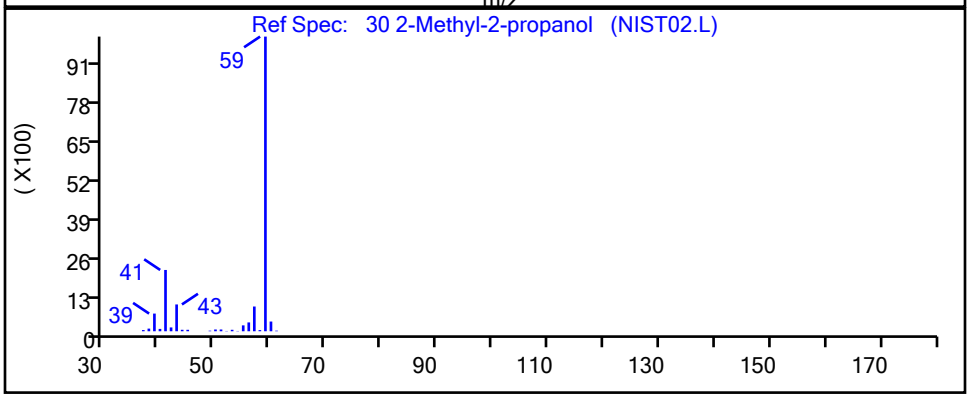
## 30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.31 | 59.00 | 50 | 0.221316 |

Reviewer: NN6A, 26-Jul-2025 16:32:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

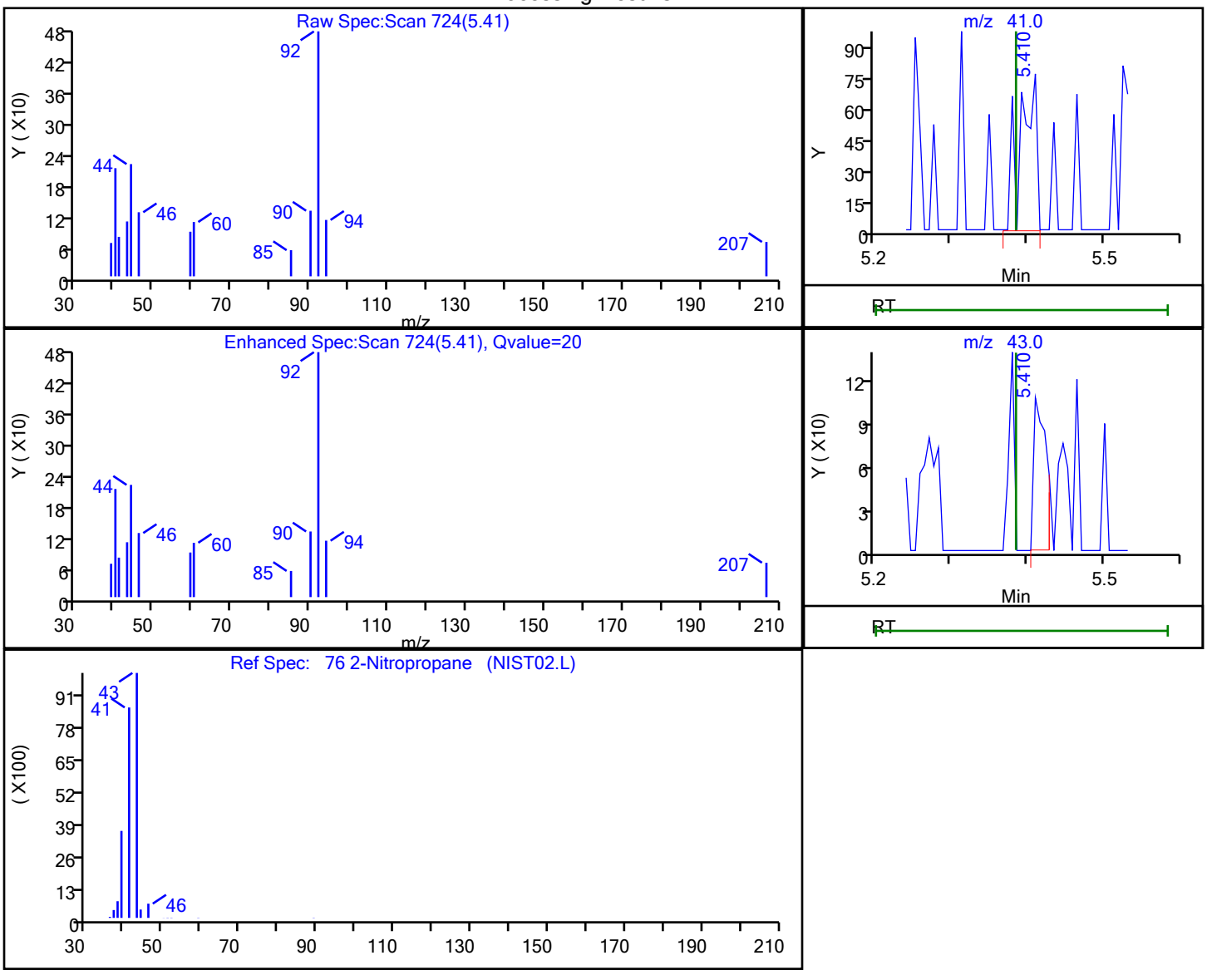
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 76 2-Nitropropane, CAS: 79-46-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.41 | 41.00 | 114 | 1.951035 |
| 5.41 | 43.00 | 122 | |

Reviewer: NN6A, 26-Jul-2025 16:31:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

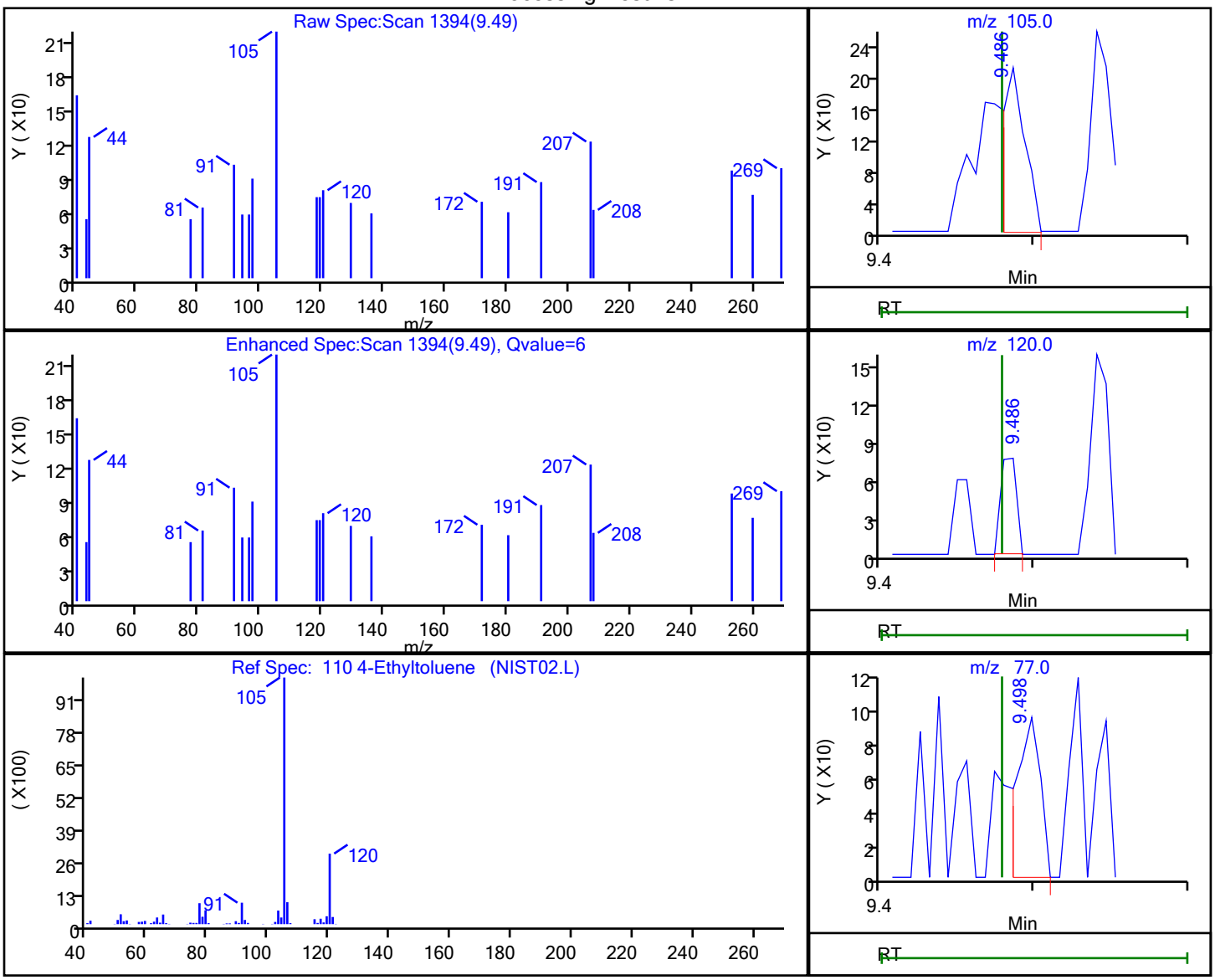
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 110 4-Ethyltoluene, CAS: 622-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.49 | 105.00 | 211 | 0.034935 |
| 9.49 | 120.00 | 55 | |
| 9.50 | 77.00 | 98 | |

Reviewer: NN6A, 26-Jul-2025 16:31:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

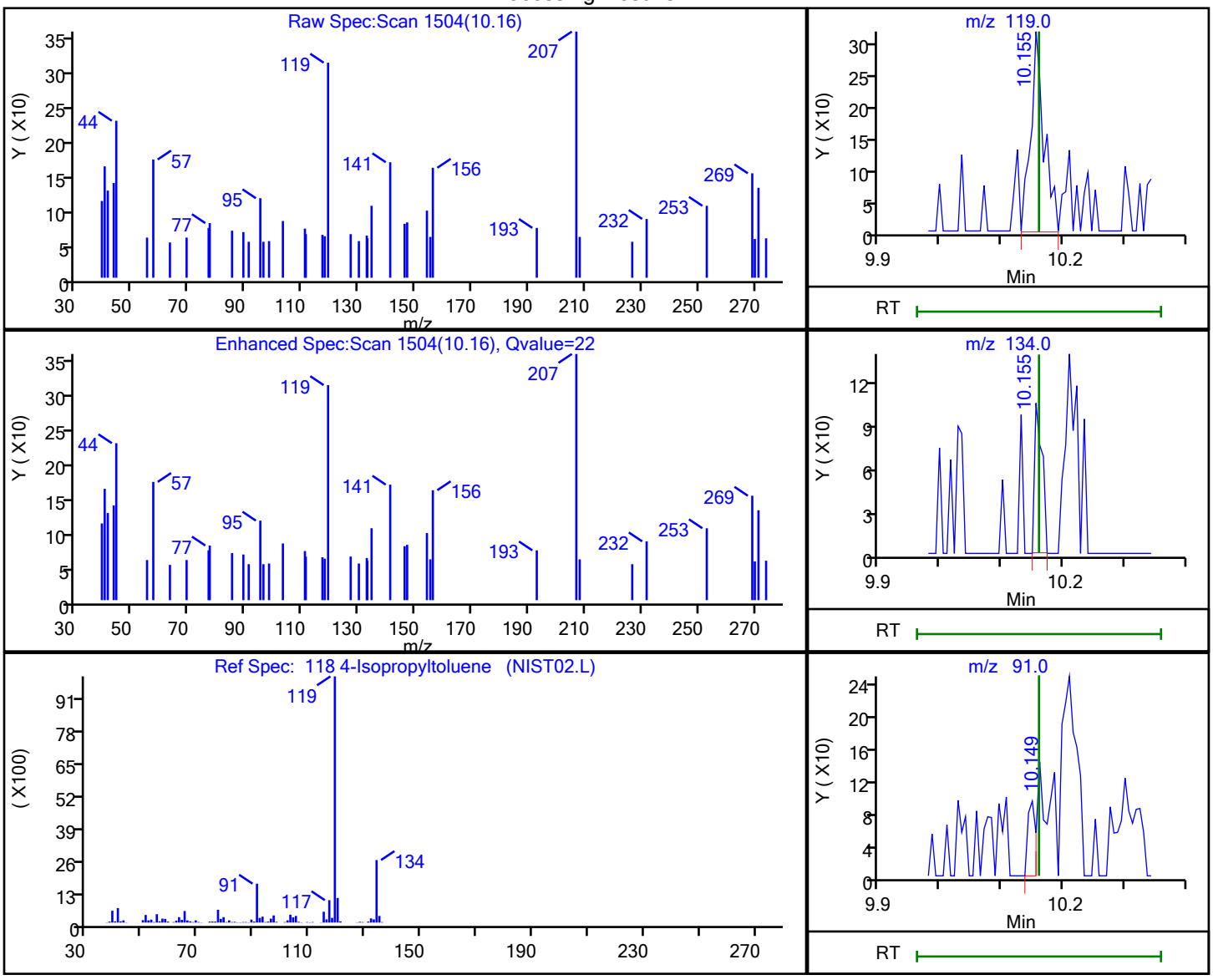
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 118 4-Isopropyltoluene, CAS: 99-87-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.16 | 119.00 | 469 | 0.094804 |
| 10.16 | 134.00 | 90 | |
| 10.15 | 91.00 | 80 | |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

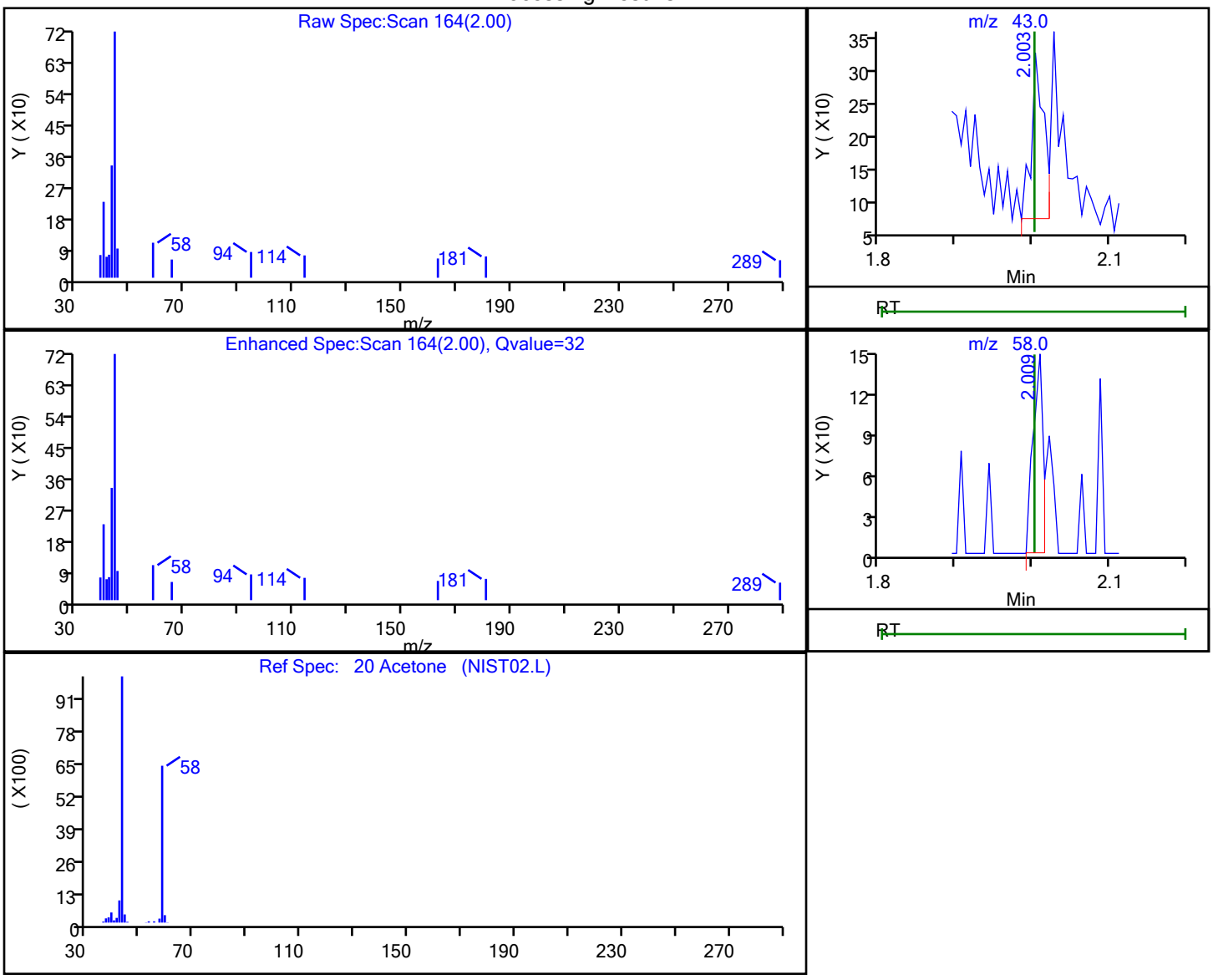
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 20 Acetone, CAS: 67-64-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.00 | 43.00 | 299 | 0.432166 |
| 2.01 | 58.00 | 136 | |

Reviewer: NN6A, 26-Jul-2025 16:32:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

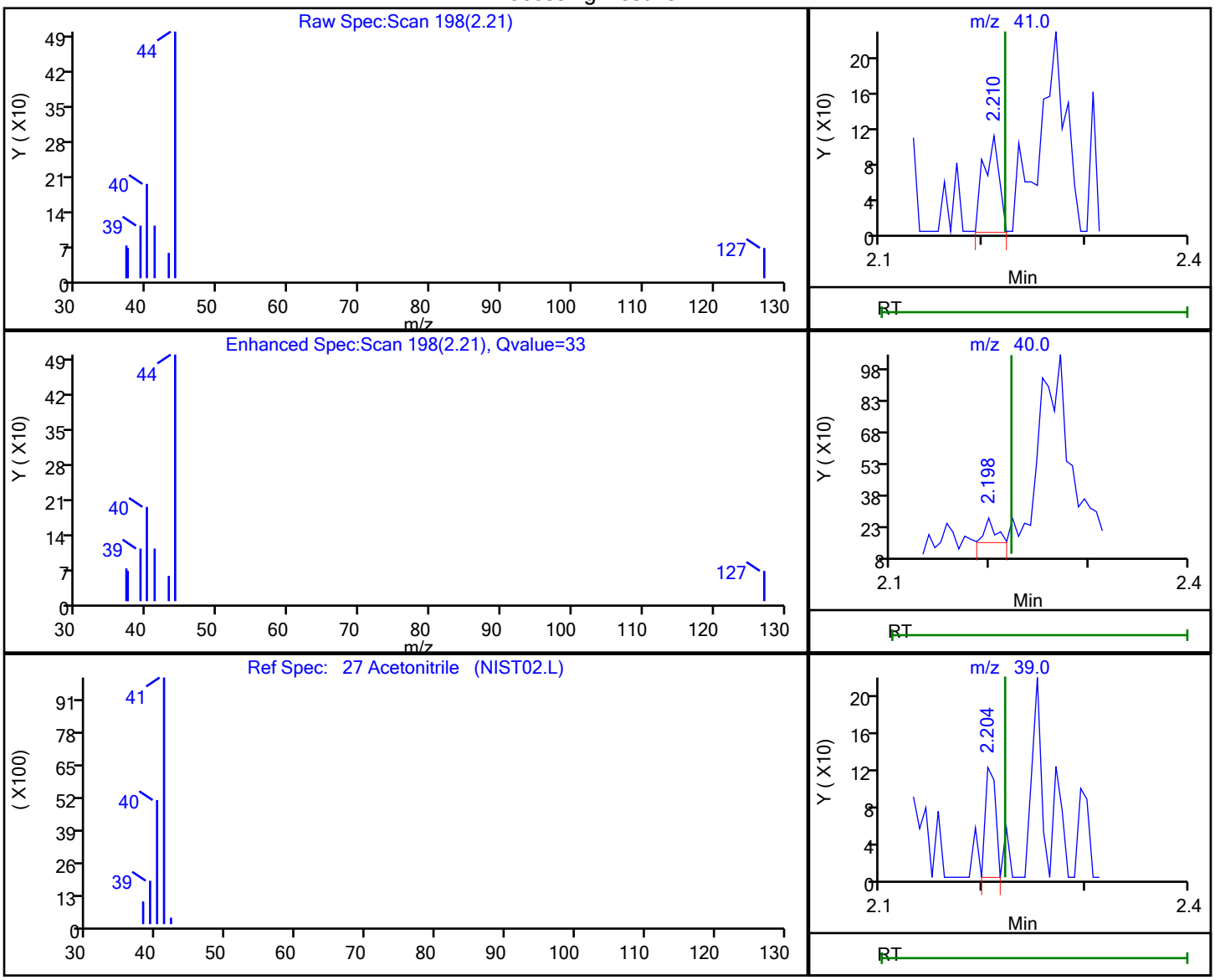
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.21 | 41.00 | 110 | 0.335021 |
| 2.20 | 40.00 | 82 | |
| 2.20 | 39.00 | 82 | |
| 2.20 | 38.00 | 30 | |

Reviewer: NN6A, 26-Jul-2025 16:32:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

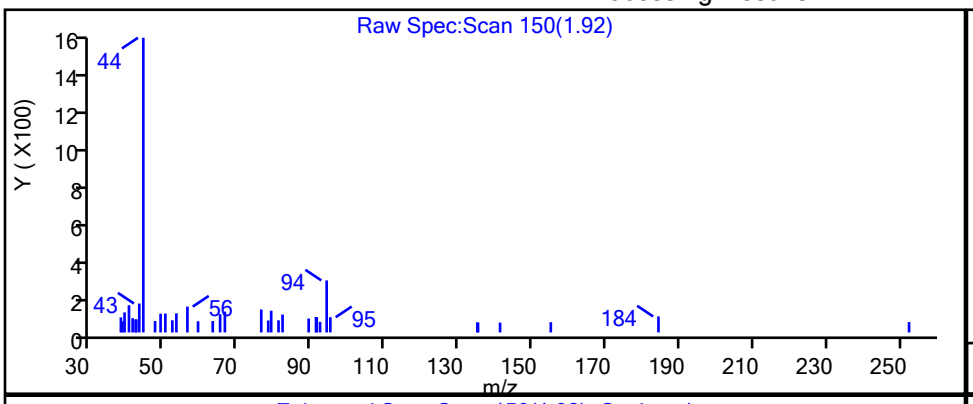
User Disabled Compound Report

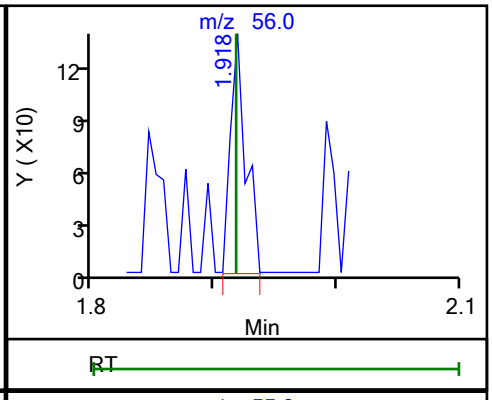
Eurofins Edison

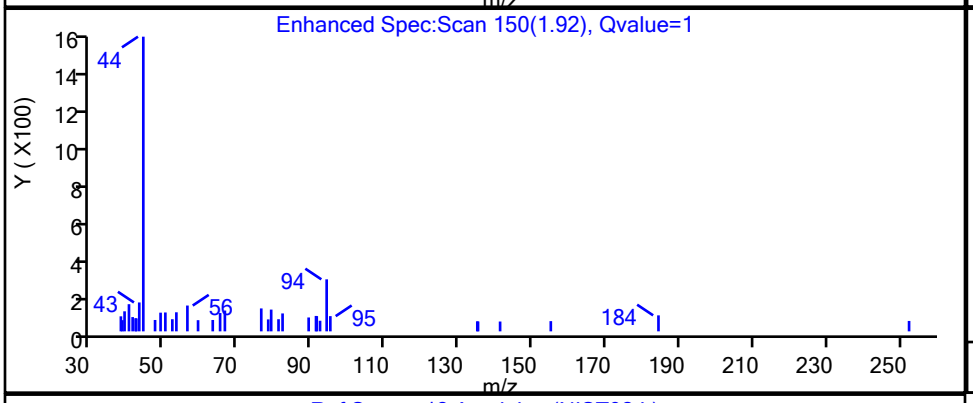
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

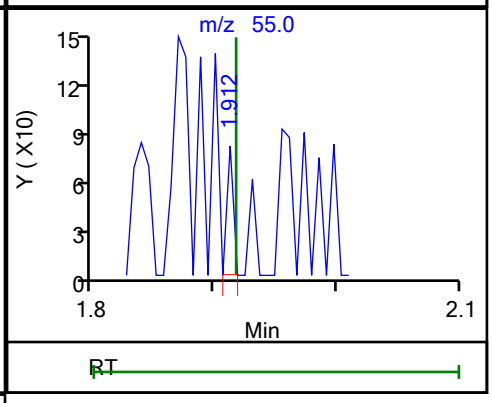
## 18 Acrolein, CAS: 107-02-8

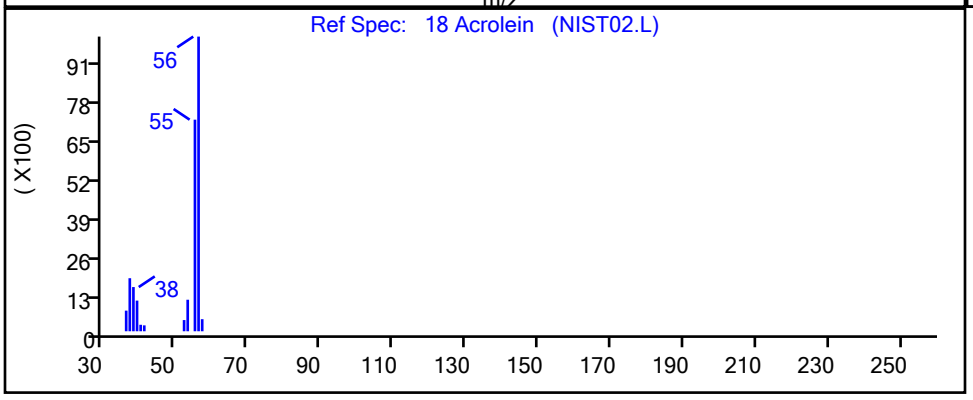
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.92 | 56.00 | 117 | 0.315322 |
| 1.91 | 55.00 | 28 | |

Reviewer: NN6A, 26-Jul-2025 16:32:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

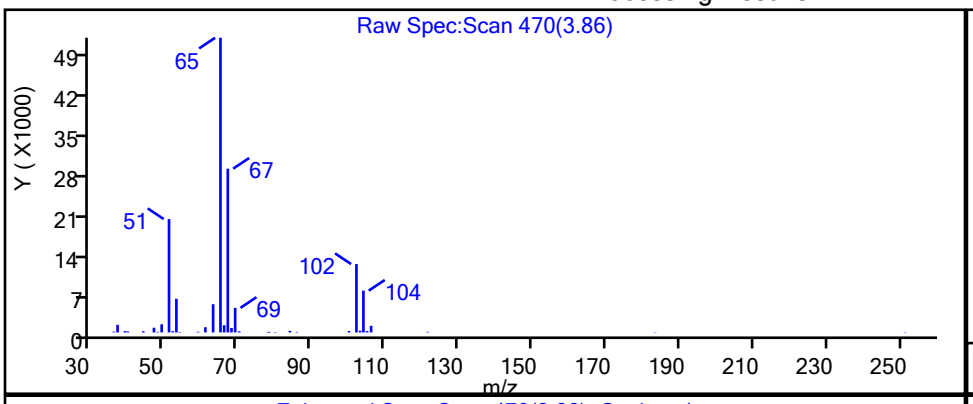
User Disabled Compound Report

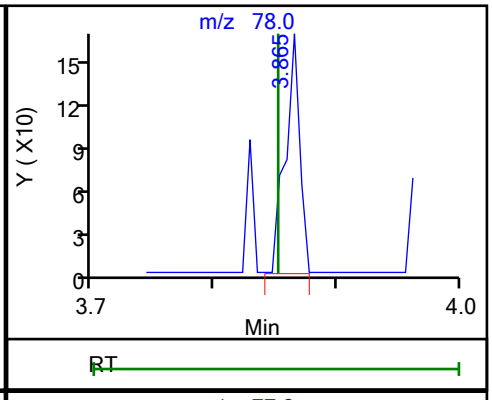
Eurofins Edison

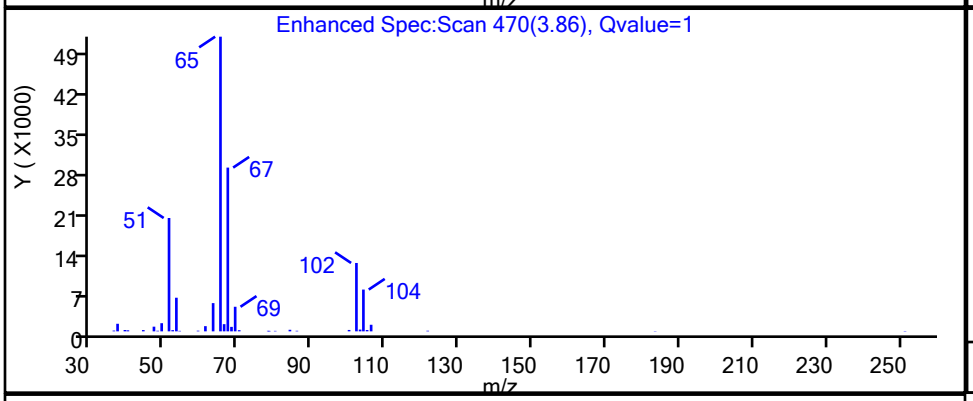
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

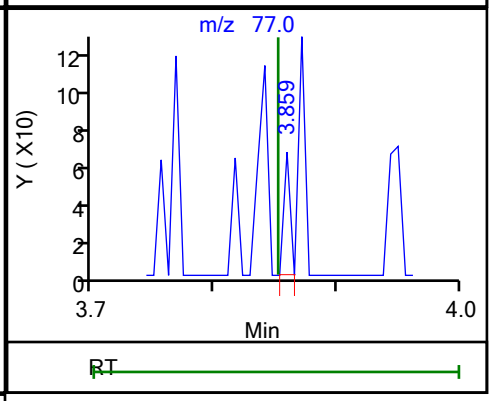
## 58 Benzene, CAS: 71-43-2

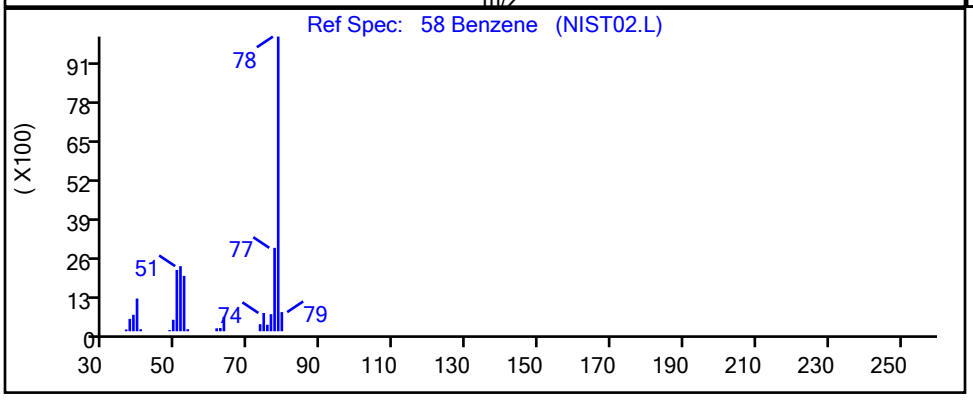
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.86 | 78.00 | 139 | 0.011258 |
| 3.86 | 77.00 | 23 | |

Reviewer: NN6A, 26-Jul-2025 16:31:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

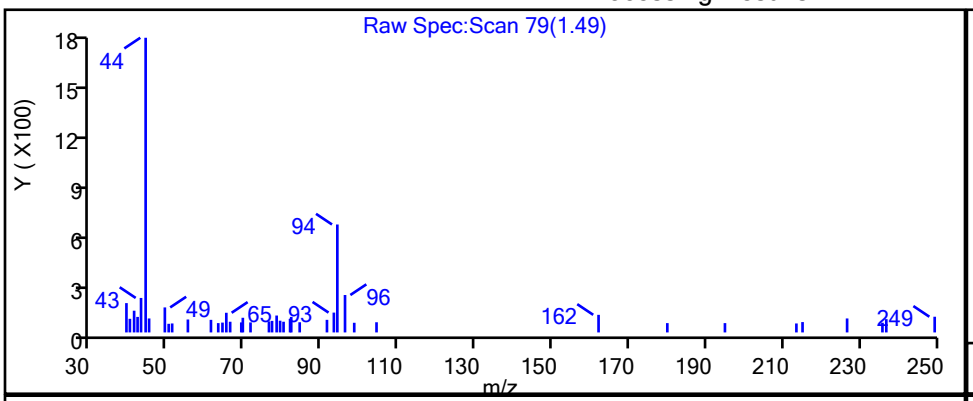
User Disabled Compound Report

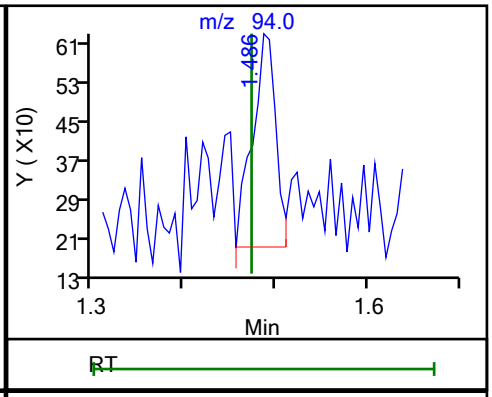
Eurofins Edison

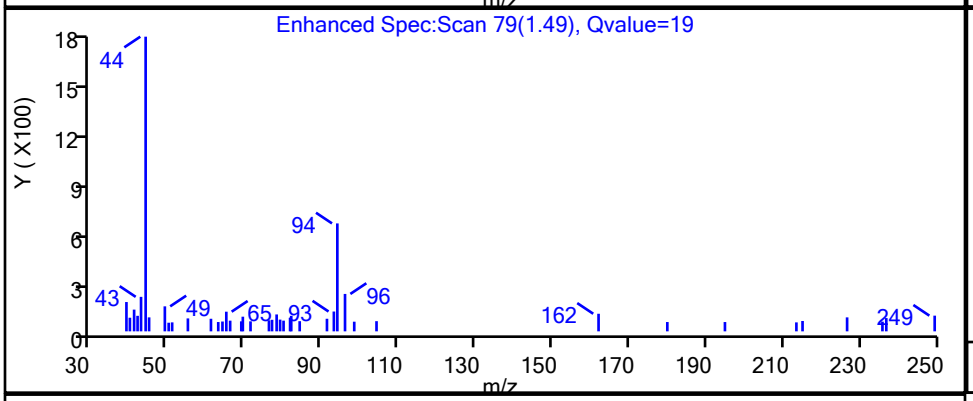
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D | | | | |
| Injection Date: | 26-Jul-2025 15:16:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 3 | Worklist Smp#: | 4 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

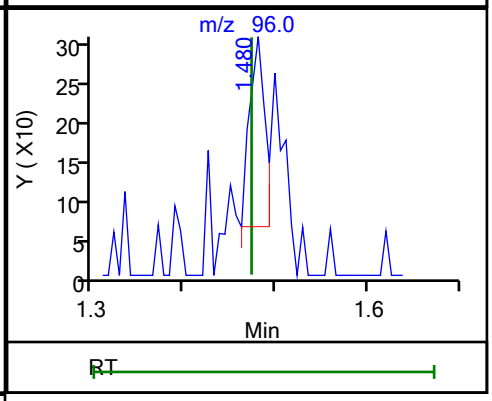
## 7 Bromomethane, CAS: 74-83-9

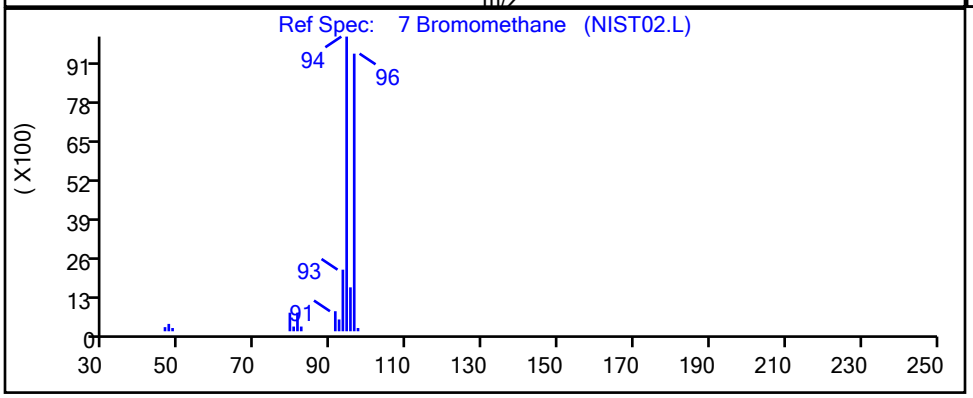
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.49 | 94.00 | 788 | 0.377369 |
| 1.48 | 96.00 | 286 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

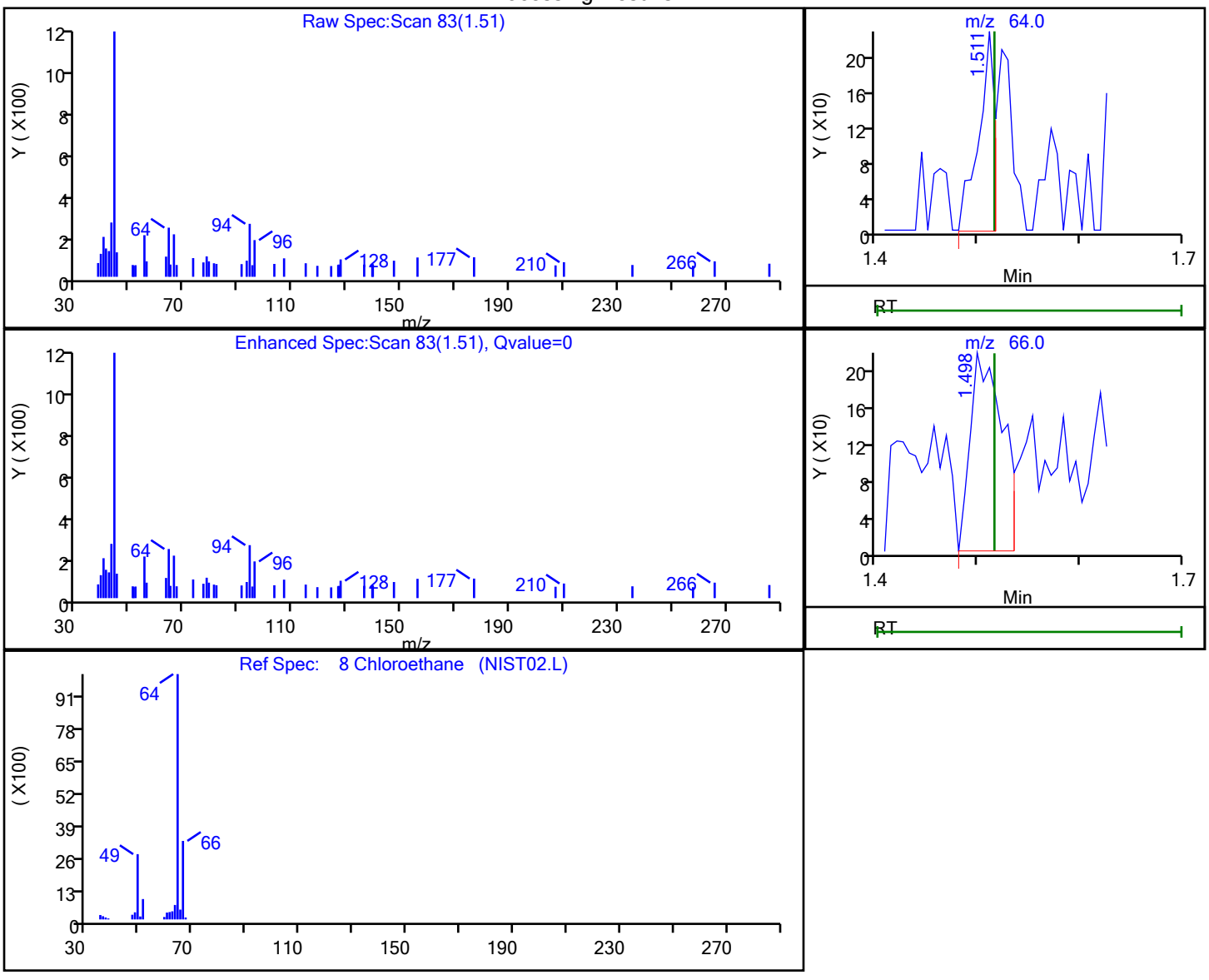
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 8 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.51 | 64.00 | 256 | 0.212744 |
| 1.50 | 66.00 | 477 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

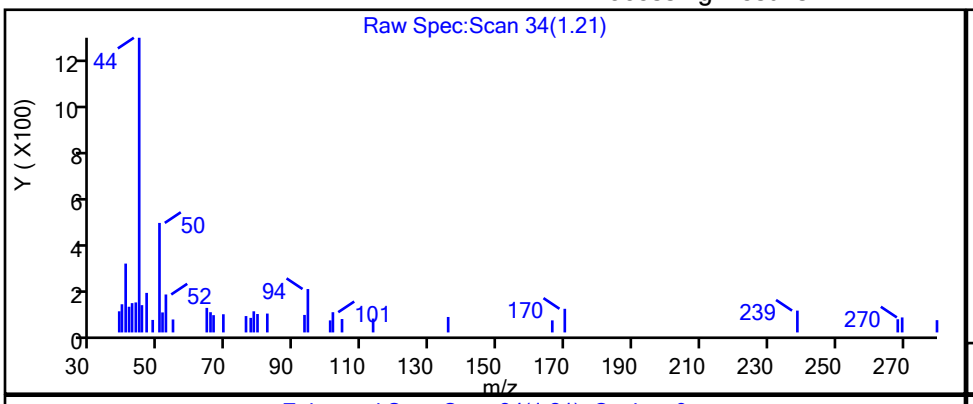
User Disabled Compound Report

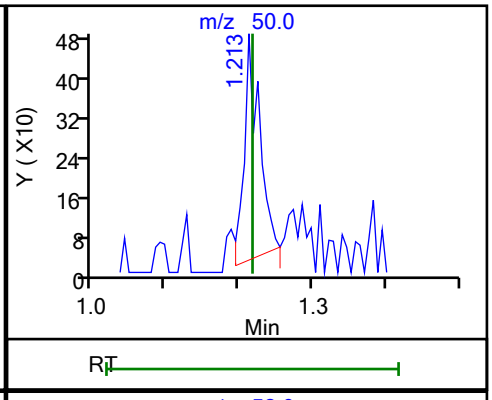
Eurofins Edison

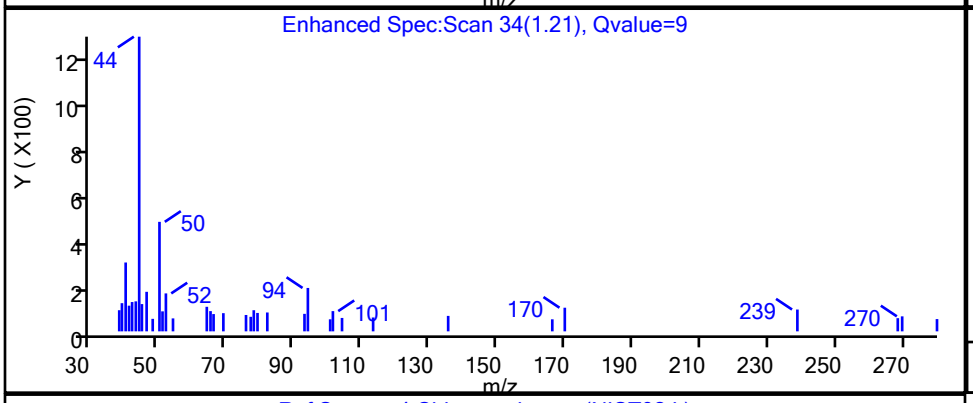
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

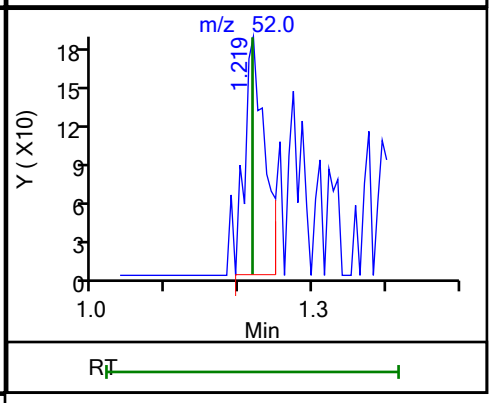
## 4 Chloromethane, CAS: 74-87-3

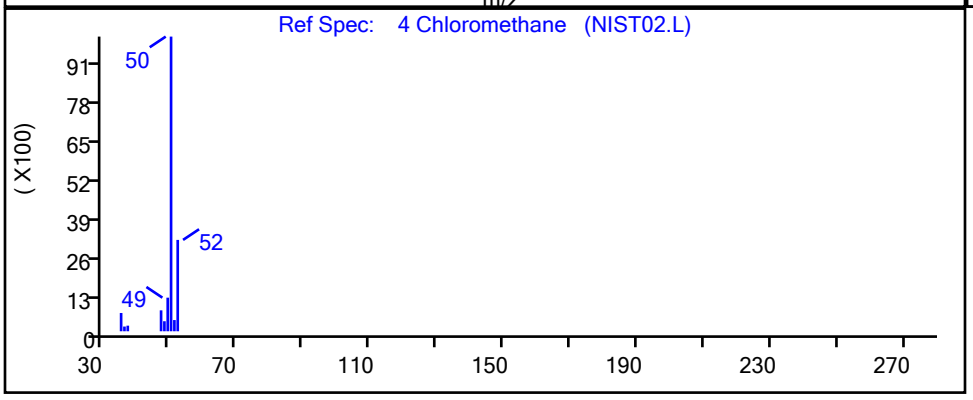
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.21 | 50.00 | 664 | 0.250081 |
| 1.22 | 52.00 | 346 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

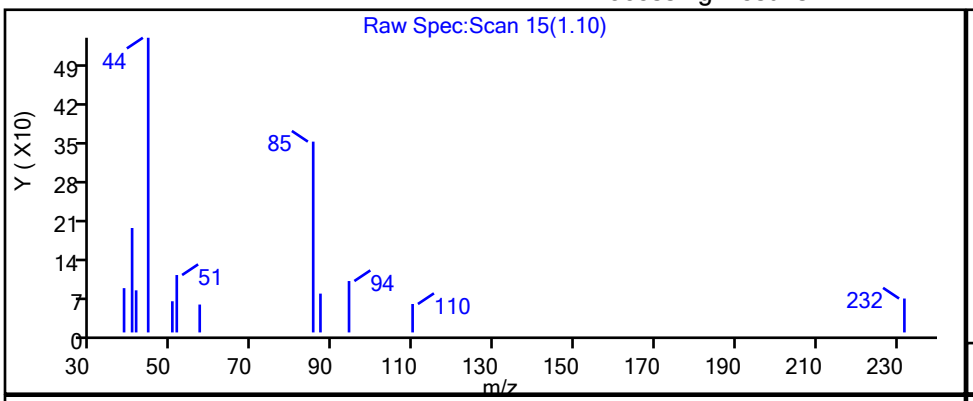
User Disabled Compound Report

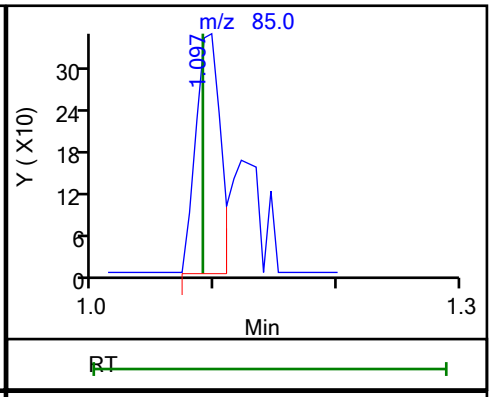
Eurofins Edison

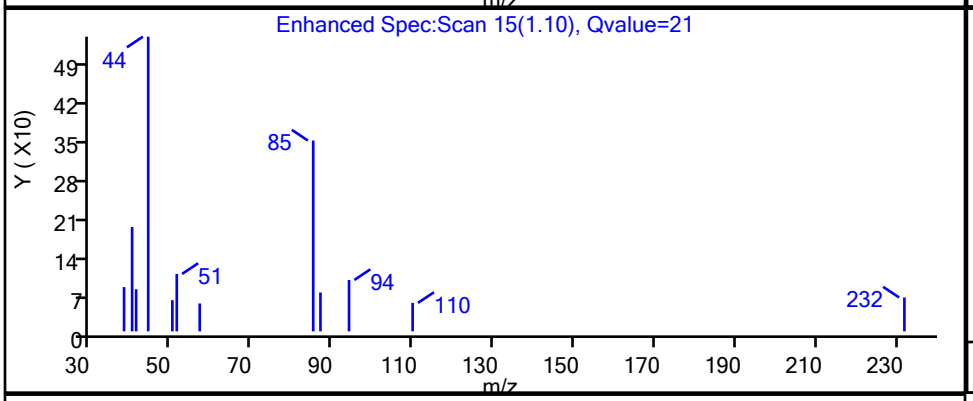
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

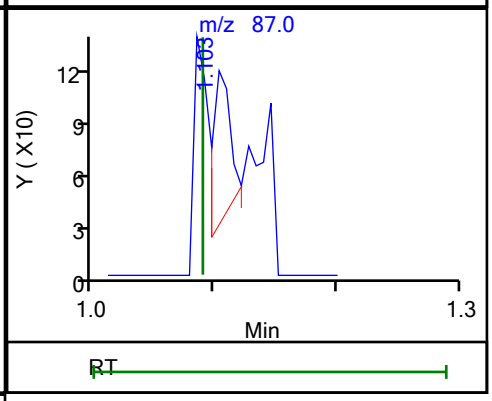
## 2 Dichlorodifluoromethane, CAS: 75-71-8

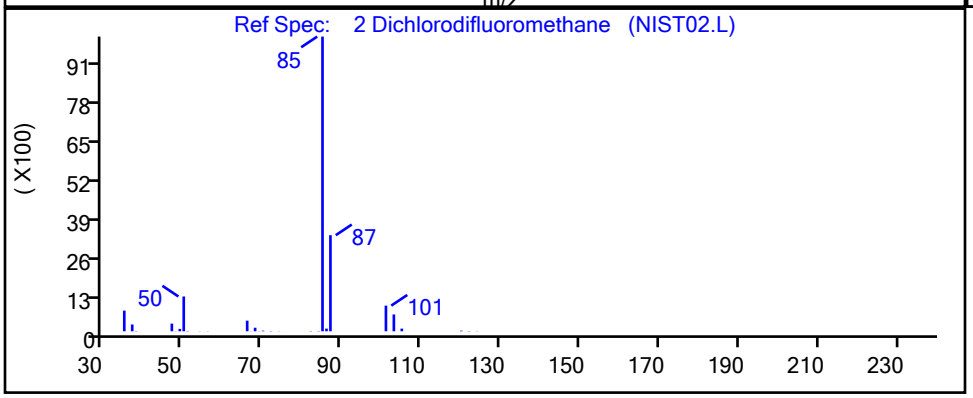
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.10 | 85.00 | 486 | 0.133694 |
| 1.10 | 87.00 | 82 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

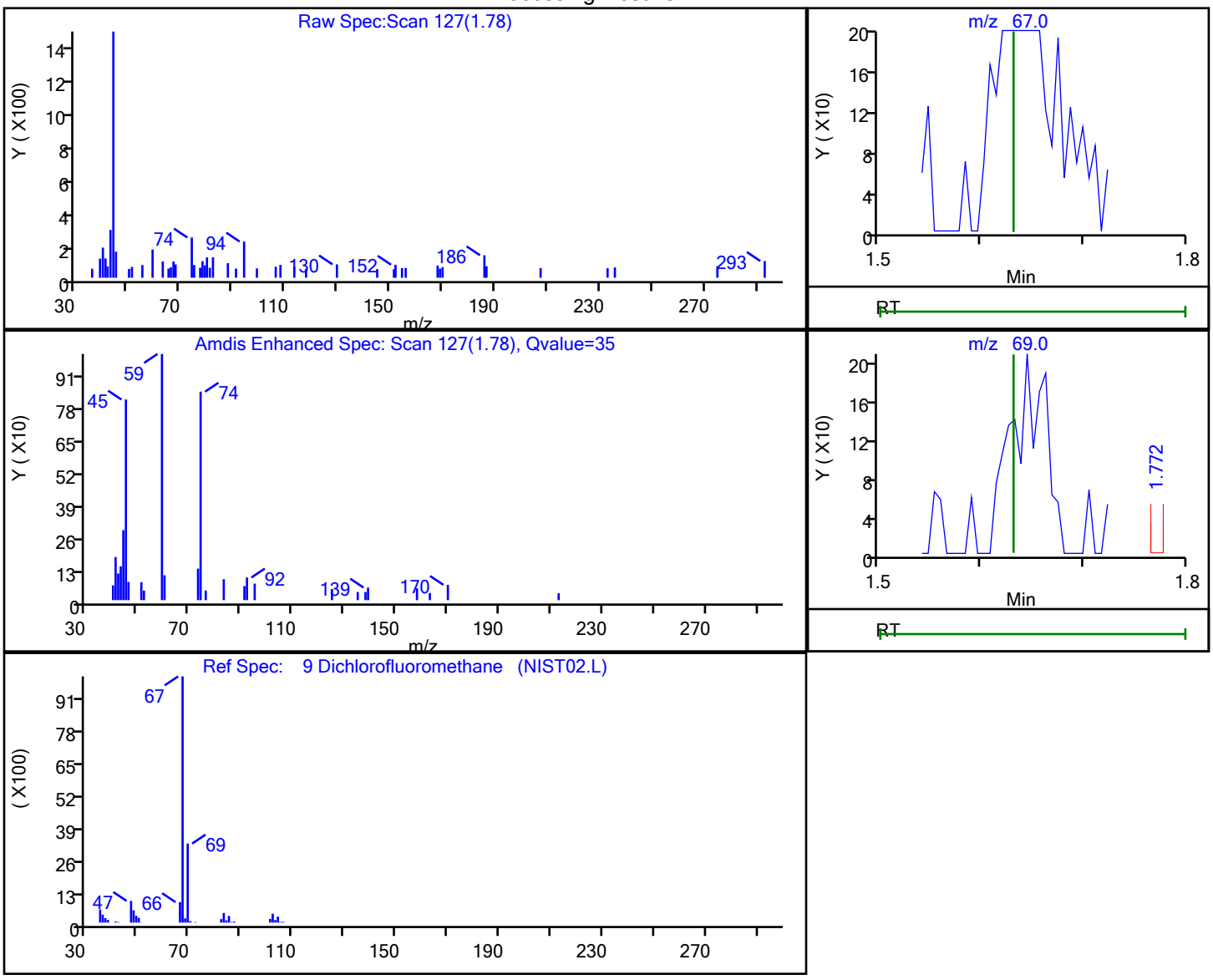
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 9 Dichlorofluoromethane, CAS: 75-43-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.78 | 67.00 | 80 | 0.015859 |
| 1.77 | 69.00 | 28 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

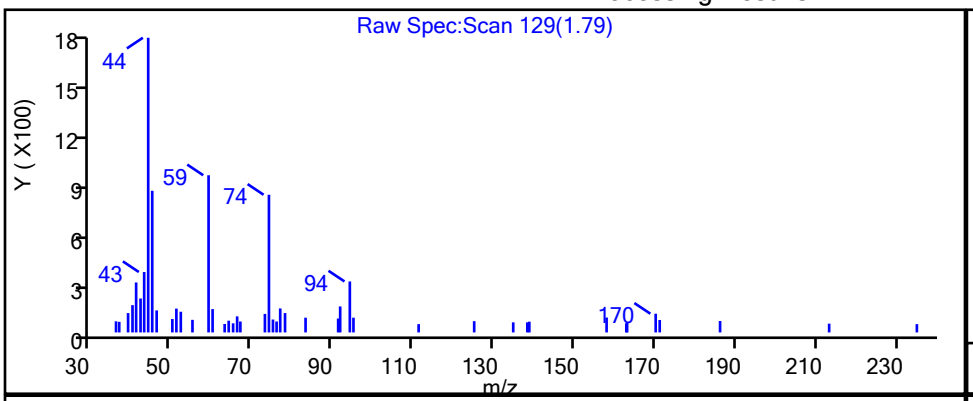
User Disabled Compound Report

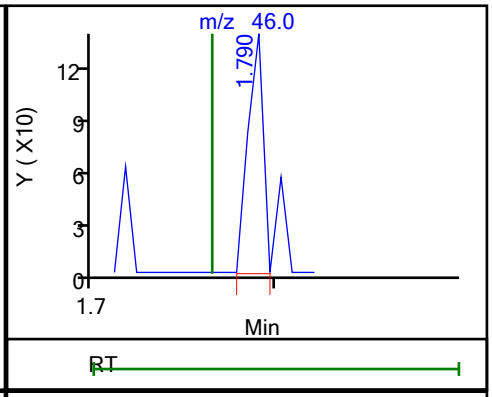
Eurofins Edison

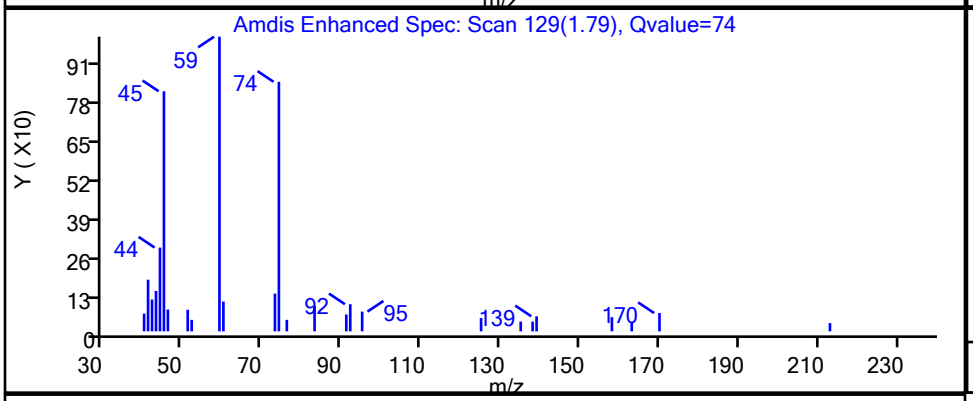
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D | | | | |
| Injection Date: | 26-Jul-2025 15:16:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 3 | Worklist Smp#: | 4 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

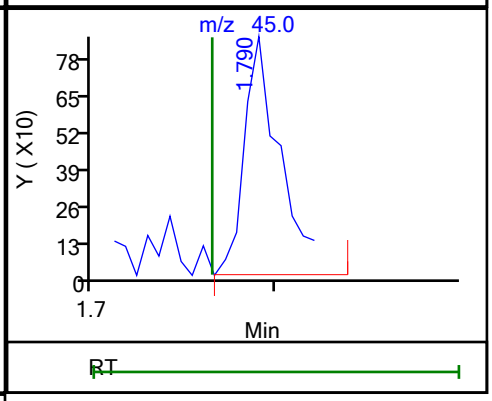
## 12 Ethanol, CAS: 64-17-5

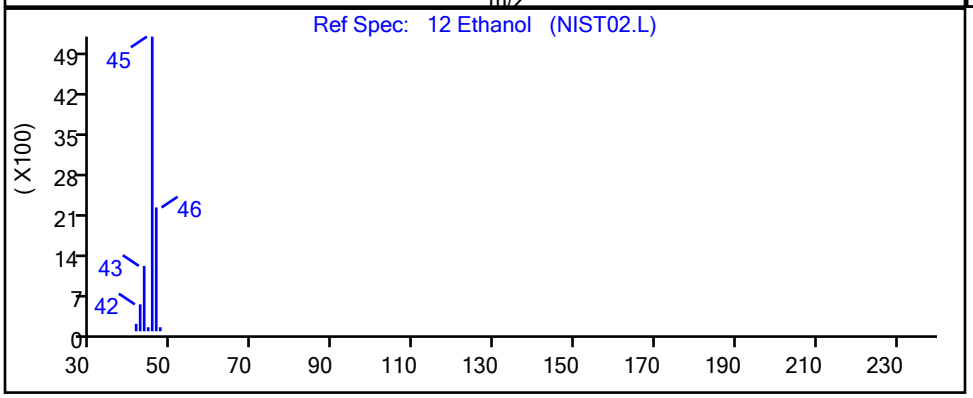
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.79 | 46.00 | 77 | 11.105840 |
| 1.79 | 45.00 | 1213 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

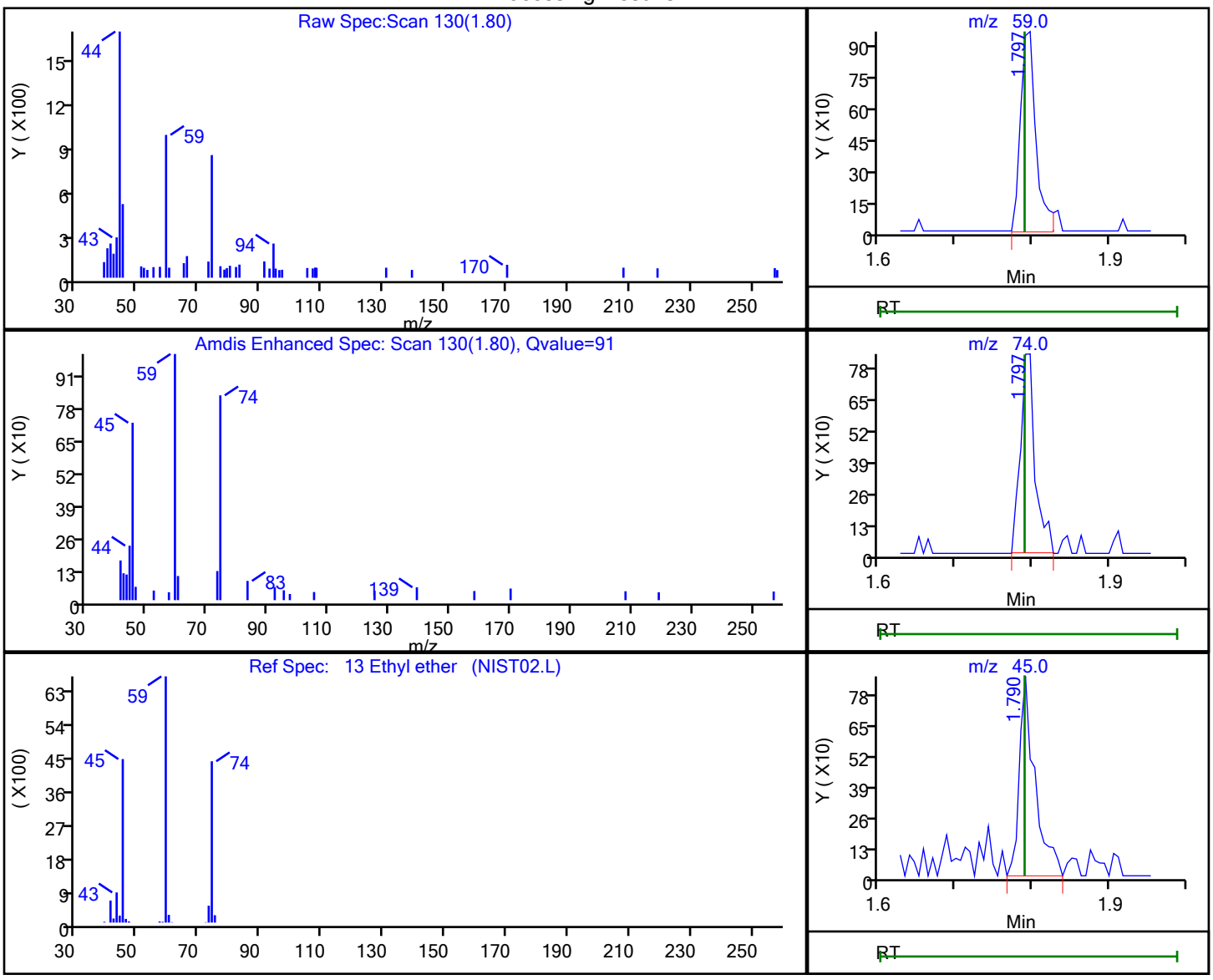
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 13 Ethyl ether, CAS: 60-29-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.80 | 59.00 | 1367 | 0.293866 |
| 1.80 | 74.00 | 1125 | |
| 1.79 | 45.00 | 1213 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

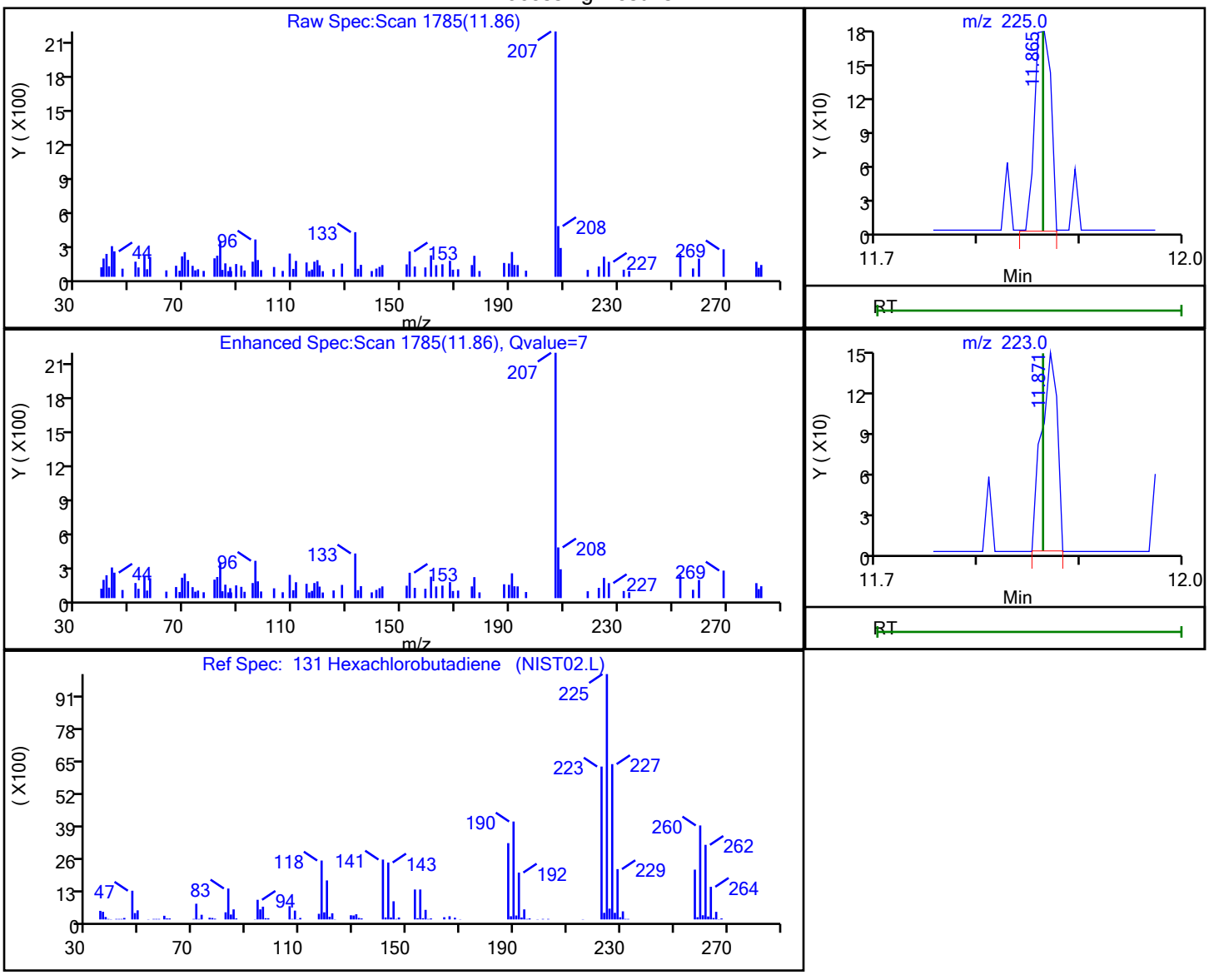
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 131 Hexachlorobutadiene, CAS: 87-68-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.86 | 225.00 | 201 | 0.237095 |
| 11.87 | 223.00 | 153 | |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

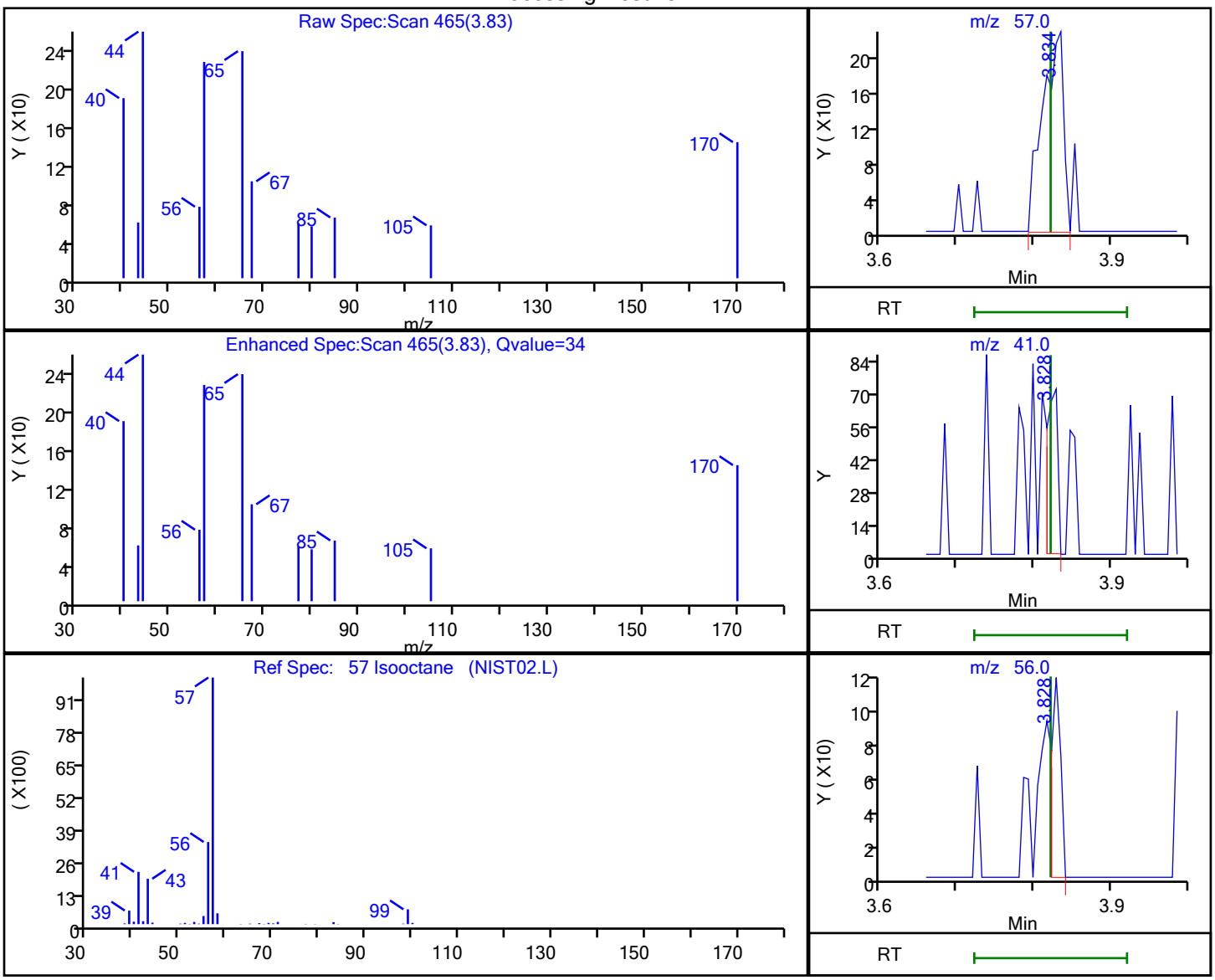
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 Isooctane, CAS: 540-84-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.83 | 57.00 | 420 | 0.408456 |
| 3.83 | 41.00 | 71 | |
| 3.83 | 56.00 | 98 | |

Reviewer: NN6A, 26-Jul-2025 16:31:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

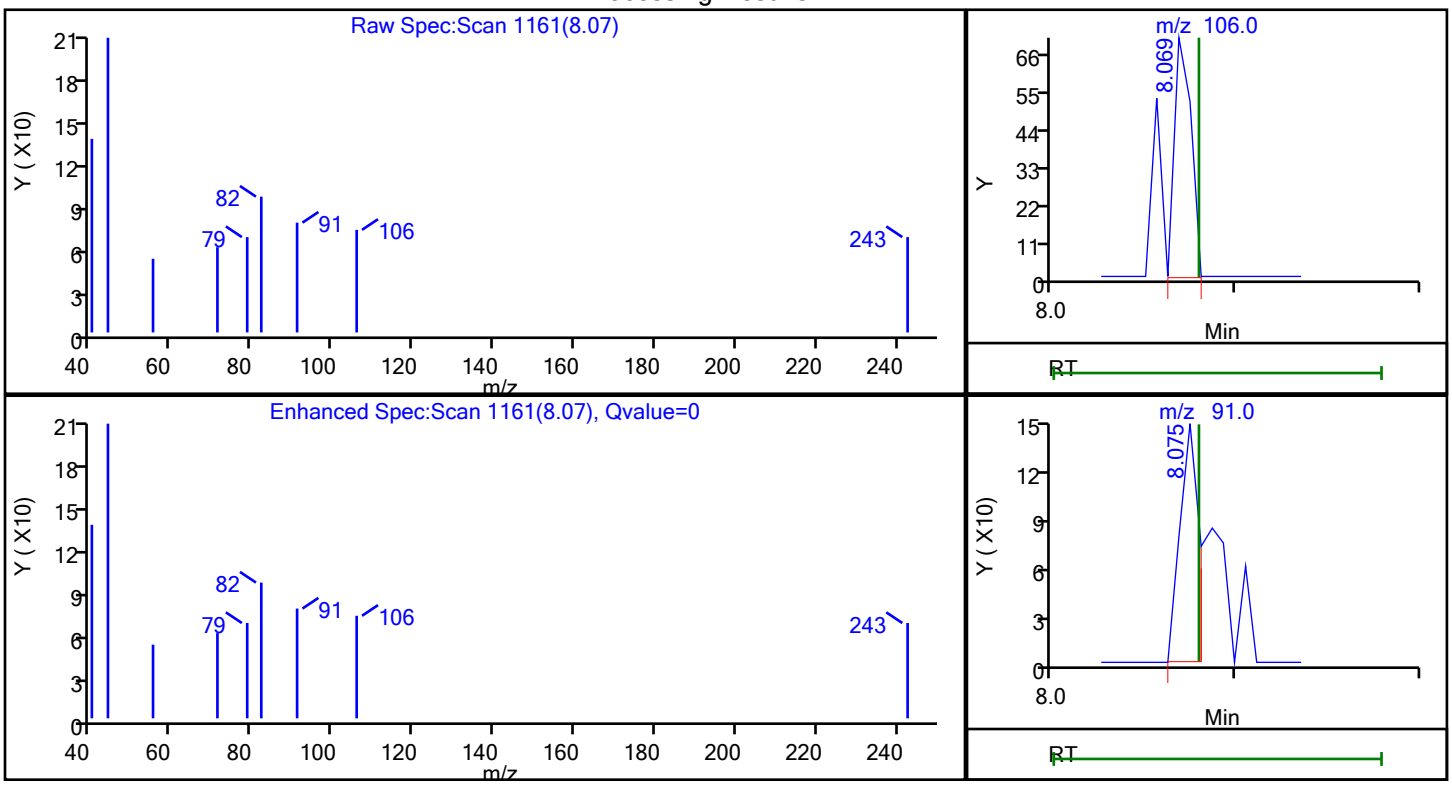
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 96 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.07 | 106.00 | 45 | 0.012760 |
| 8.07 | 91.00 | 106 | |

Reviewer: NN6A, 26-Jul-2025 16:31:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

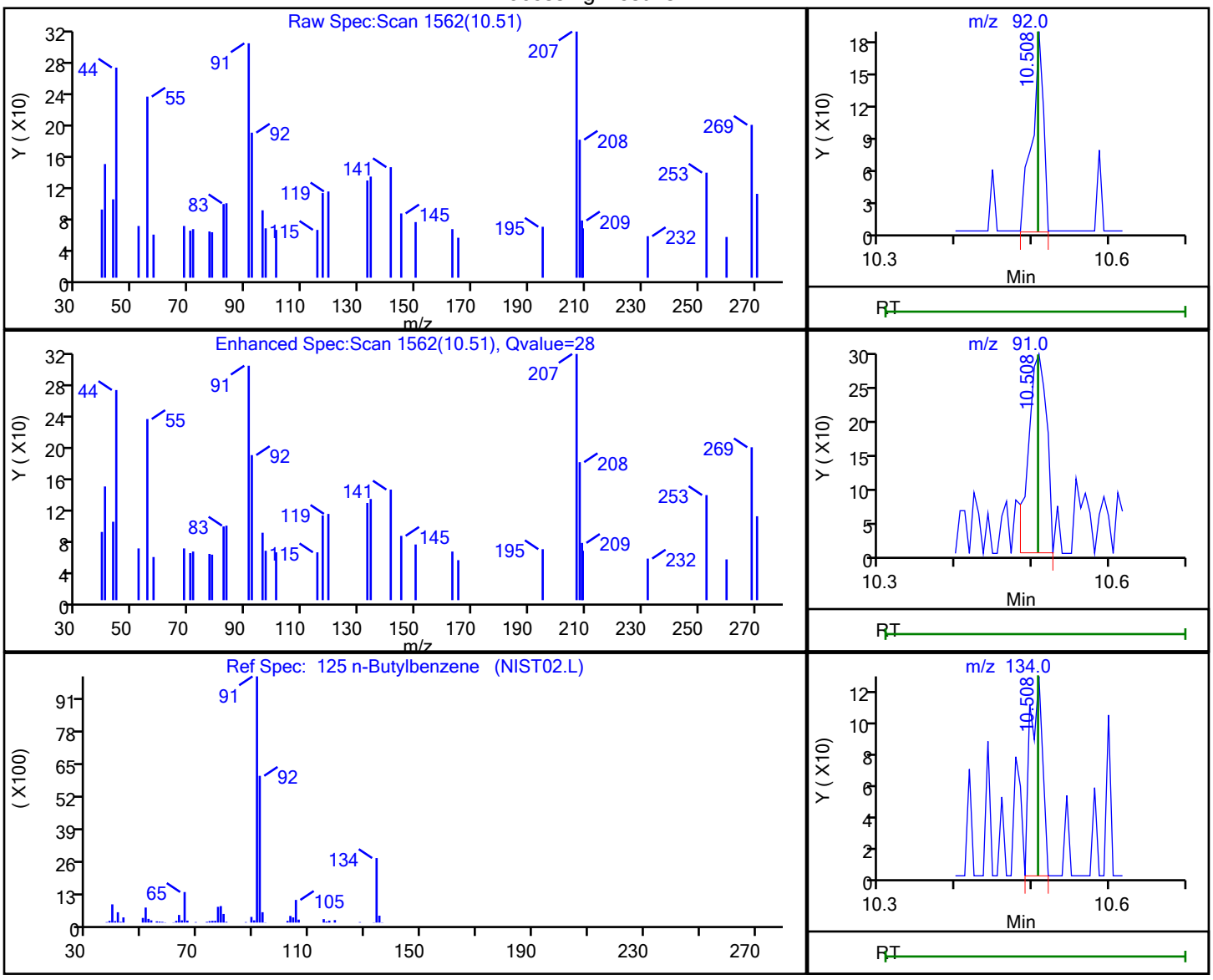
User Disabled Compound Report

Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D | | |
| Injection Date: | 26-Jul-2025 15:16:30 | Instrument ID: | CVOAMS8 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 3 Worklist Smp#: 4 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 125 n-Butylbenzene, CAS: 104-51-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.51 | 92.00 | 189 | 0.081631 |
| 10.51 | 91.00 | 493 | |
| 10.51 | 134.00 | 143 | |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

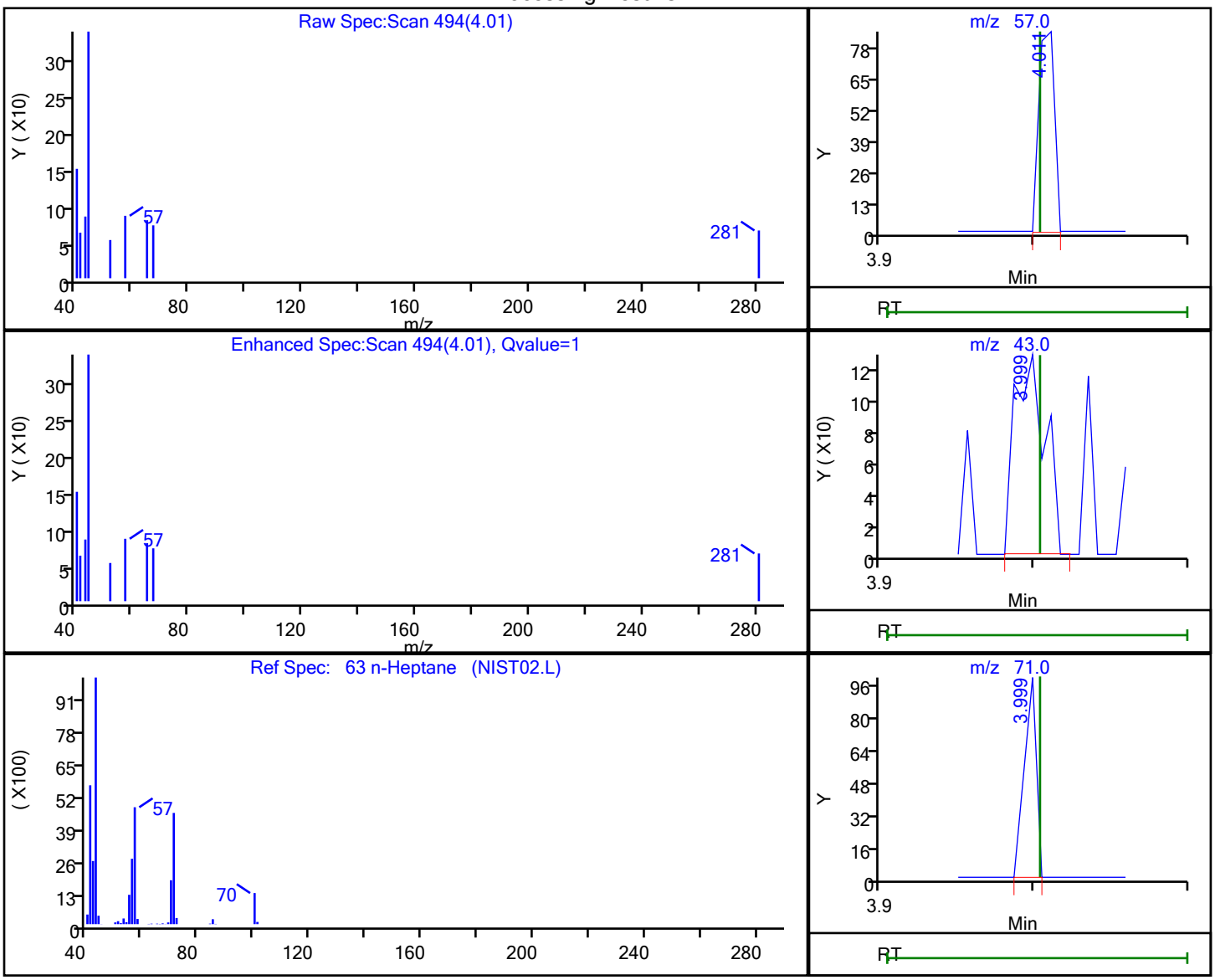
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 63 n-Heptane, CAS: 142-82-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.01 | 57.00 | 61 | 0.358857 |
| 4.00 | 43.00 | 168 | |
| 4.00 | 71.00 | 55 | |

Reviewer: NN6A, 26-Jul-2025 16:31:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

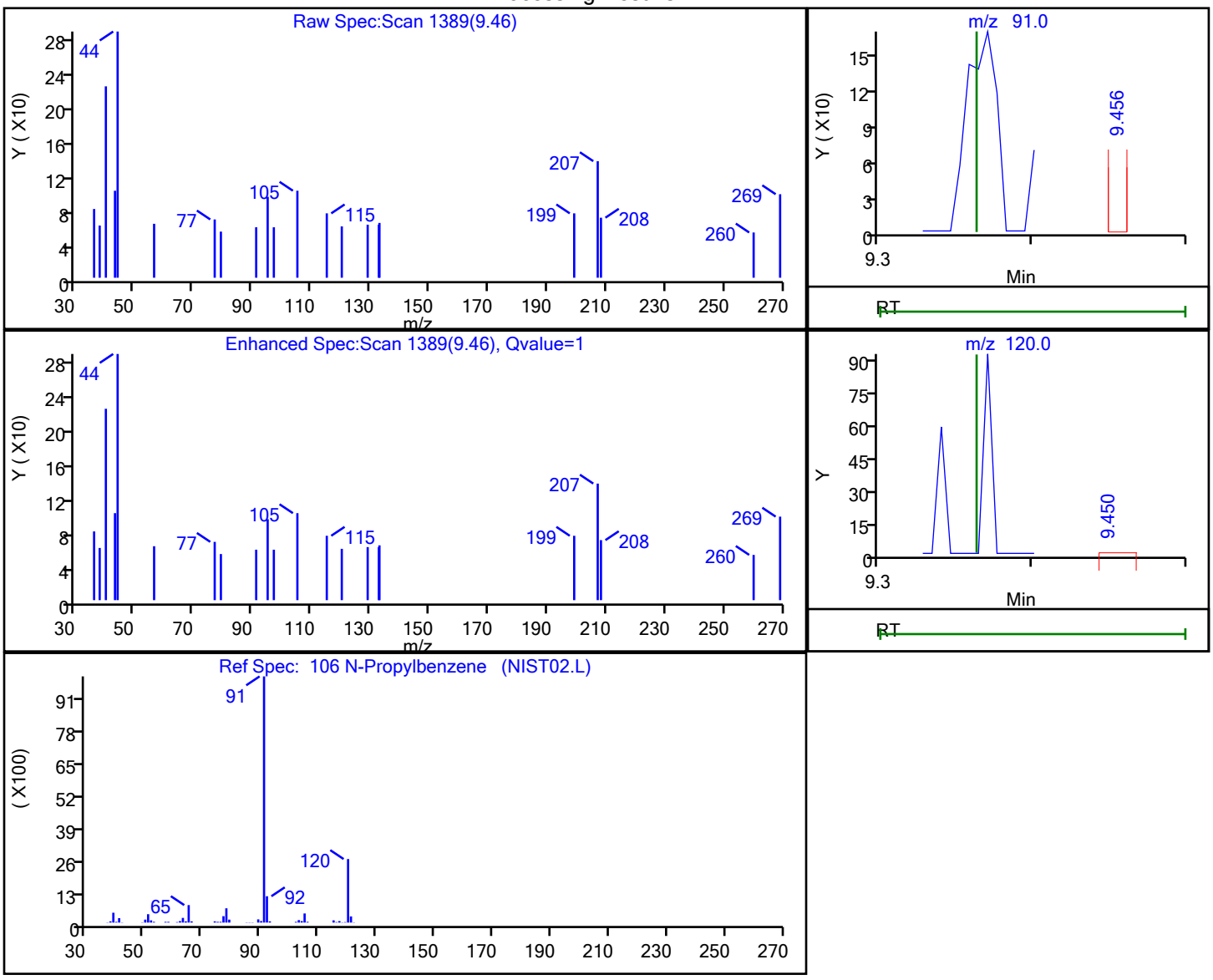
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D | | | | |
| Injection Date: | 26-Jul-2025 15:16:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 3 | Worklist Smp#: | 4 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 106 N-Propylbenzene, CAS: 103-65-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.46 | 91.00 | 21 | 0.002901 |
| 9.45 | 120.00 | 43 | |

Reviewer: NN6A, 26-Jul-2025 16:31:46 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

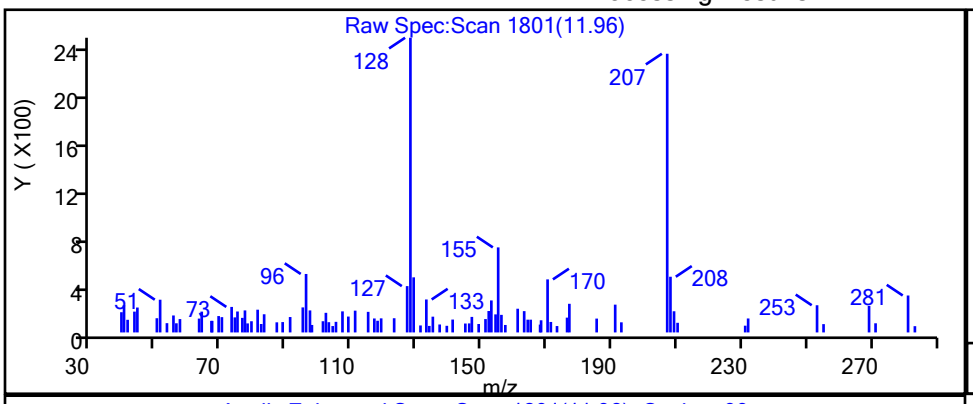
User Disabled Compound Report

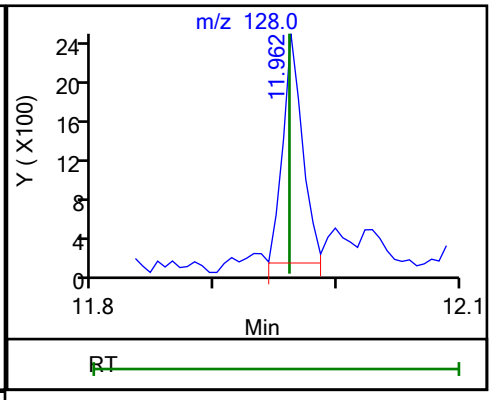
Eurofins Edison

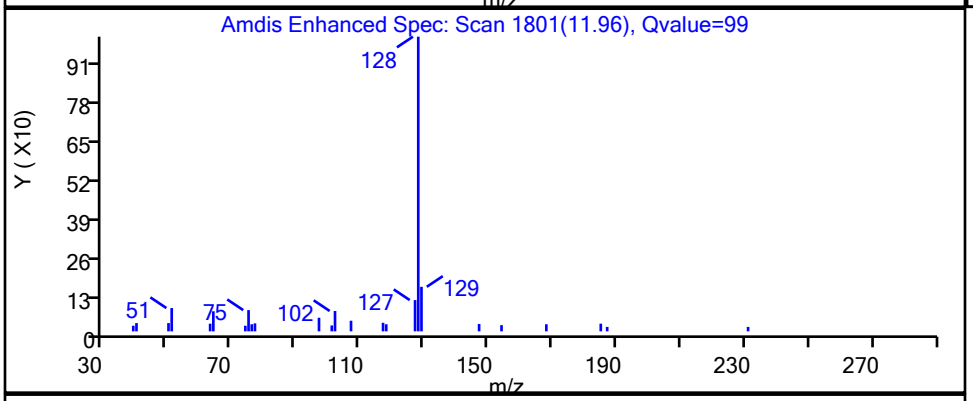
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D | | | | |
| Injection Date: | 26-Jul-2025 15:16:30 | Instrument ID: | CVOAMS8 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 3 | Worklist Smp#: | 4 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

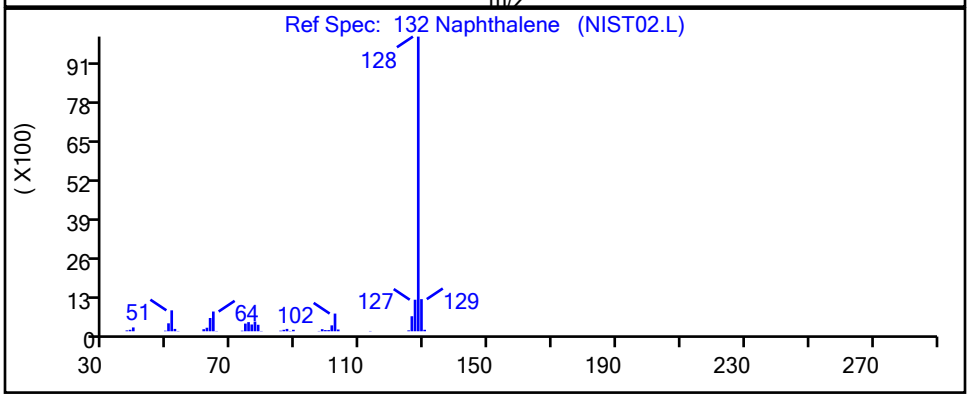
## 132 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.96 | 128.00 | 2589 | 0.414441 |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

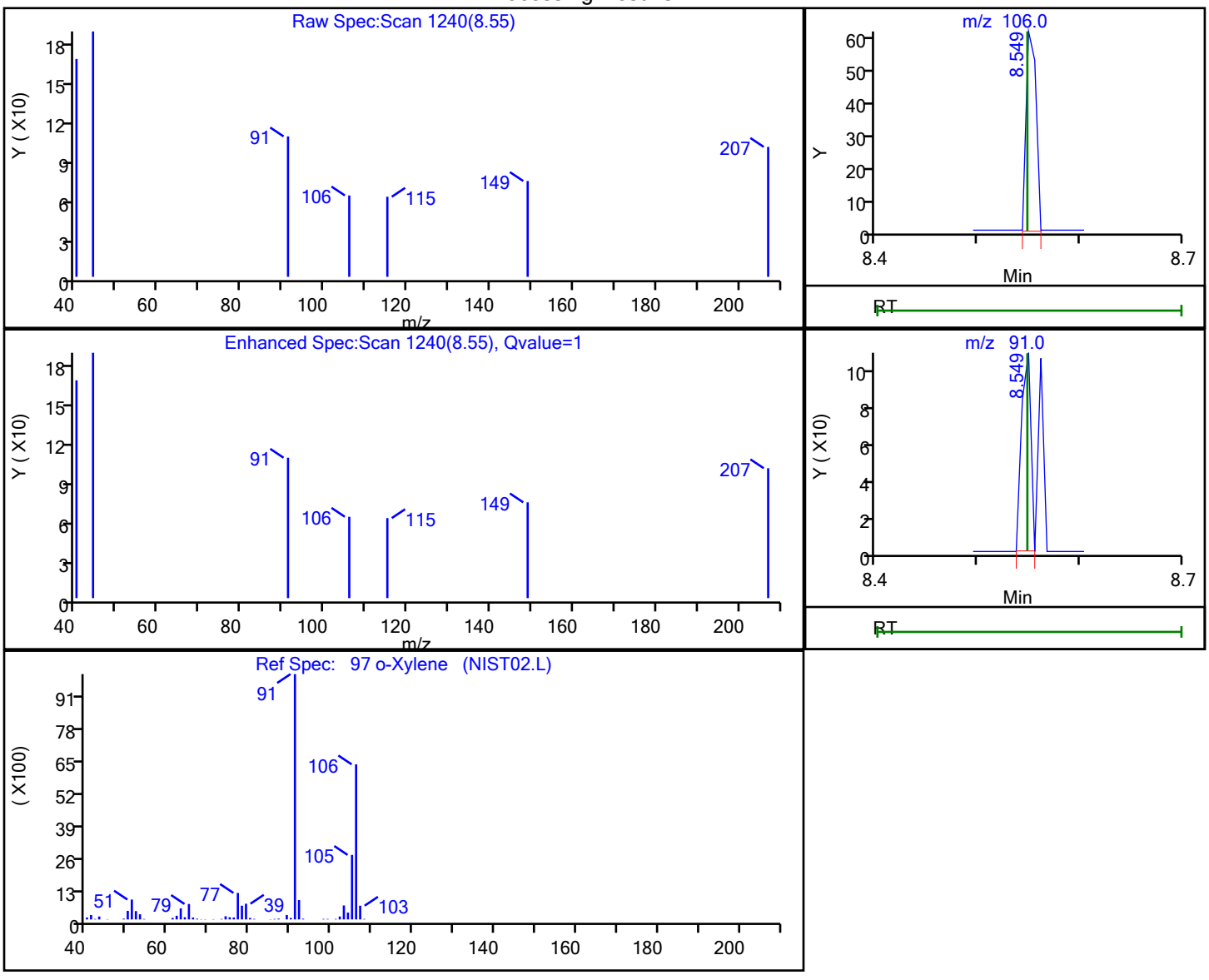
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 97 o-Xylene, CAS: 95-47-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.55 | 106.00 | 42 | 0.010689 |
| 8.55 | 91.00 | 69 | |

Reviewer: NN6A, 26-Jul-2025 16:31:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

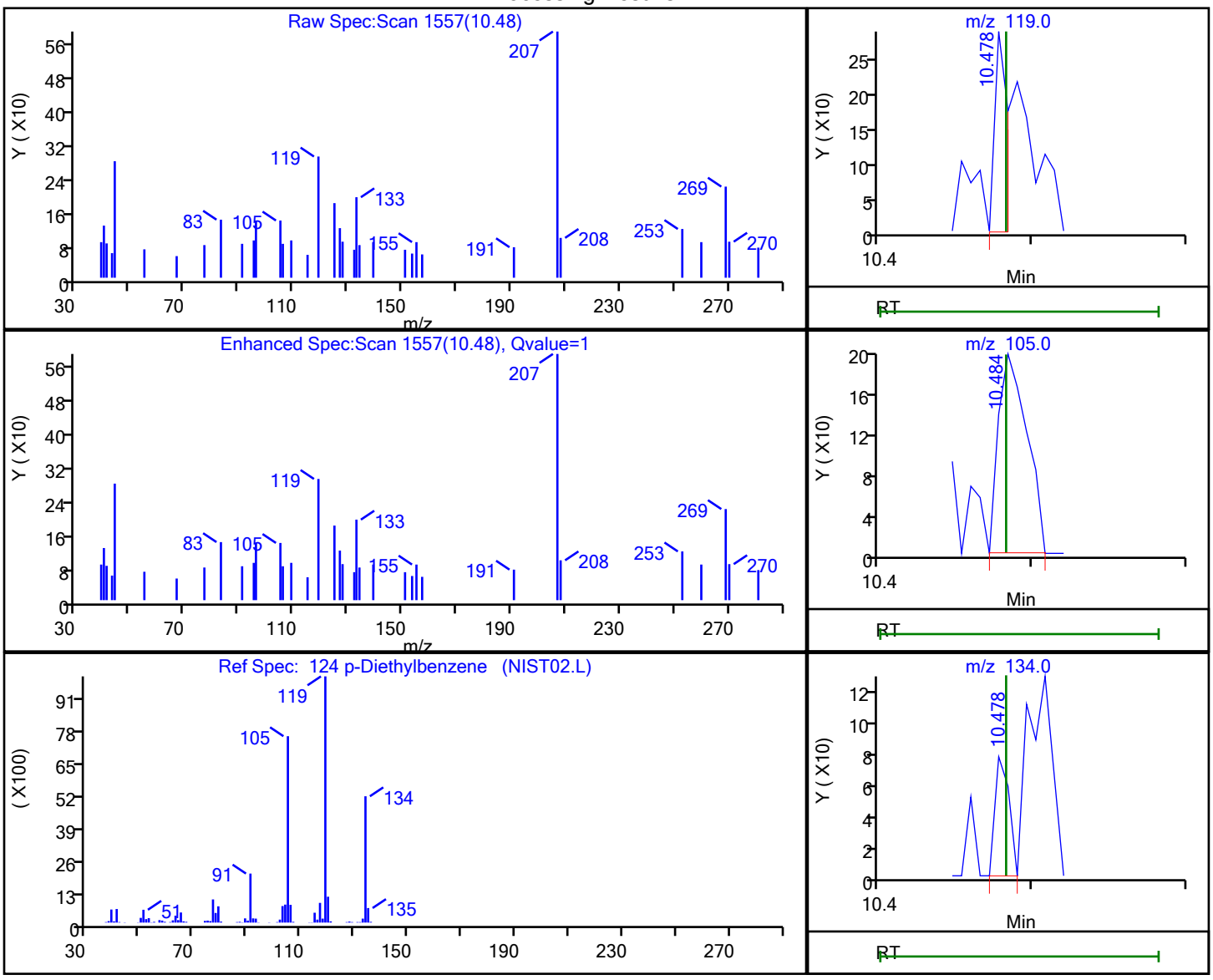
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 124 p-Diethylbenzene, CAS: 105-05-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.48 | 119.00 | 167 | 0.057887 |
| 10.48 | 105.00 | 251 | |
| 10.48 | 134.00 | 49 | |

Reviewer: NN6A, 26-Jul-2025 16:31:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

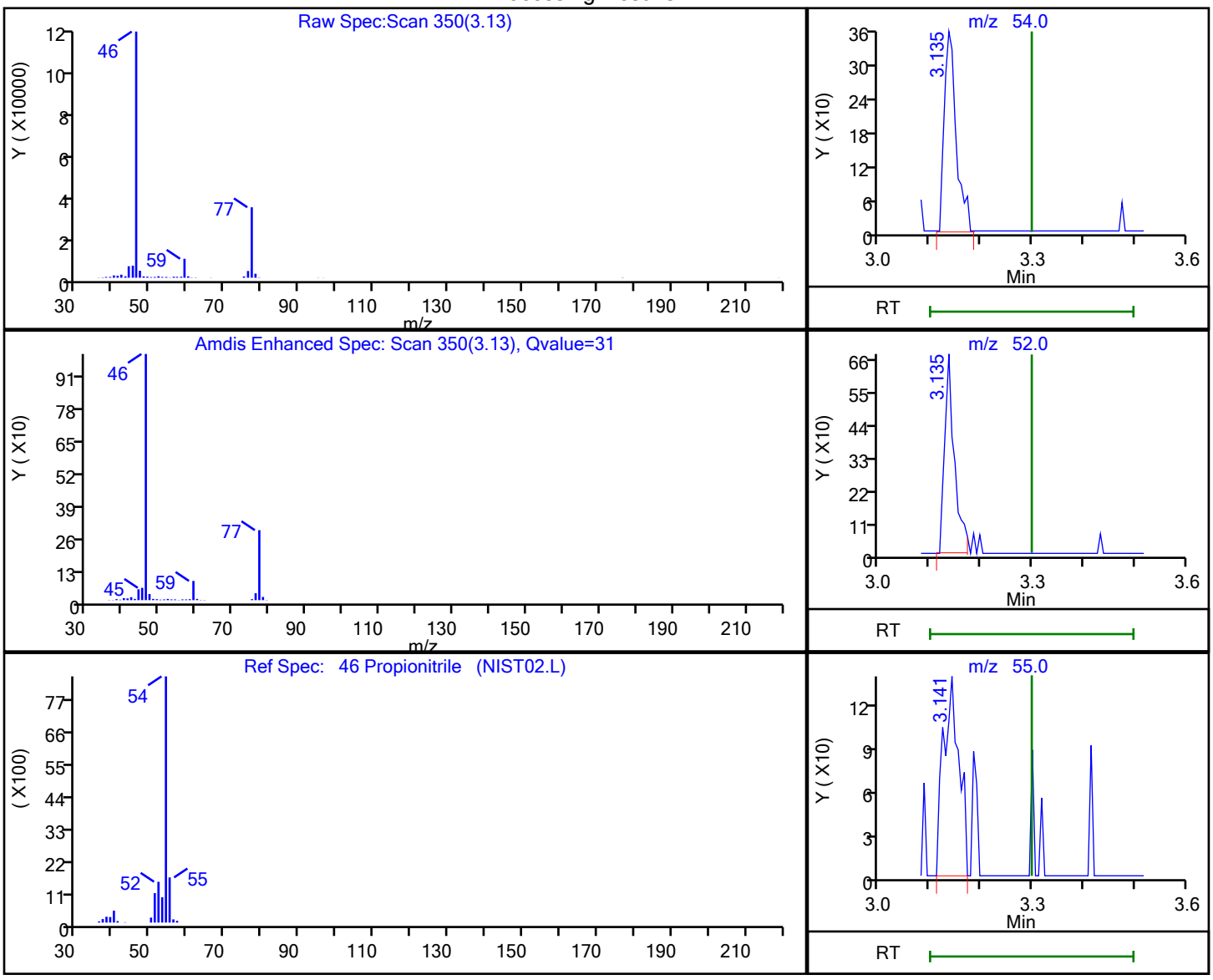
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 46 Propionitrile, CAS: 107-12-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.13 | 54.00 | 581 | 1.819016 |
| 3.13 | 52.00 | 902 | |
| 3.14 | 55.00 | 284 | |

Reviewer: NN6A, 26-Jul-2025 16:31:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

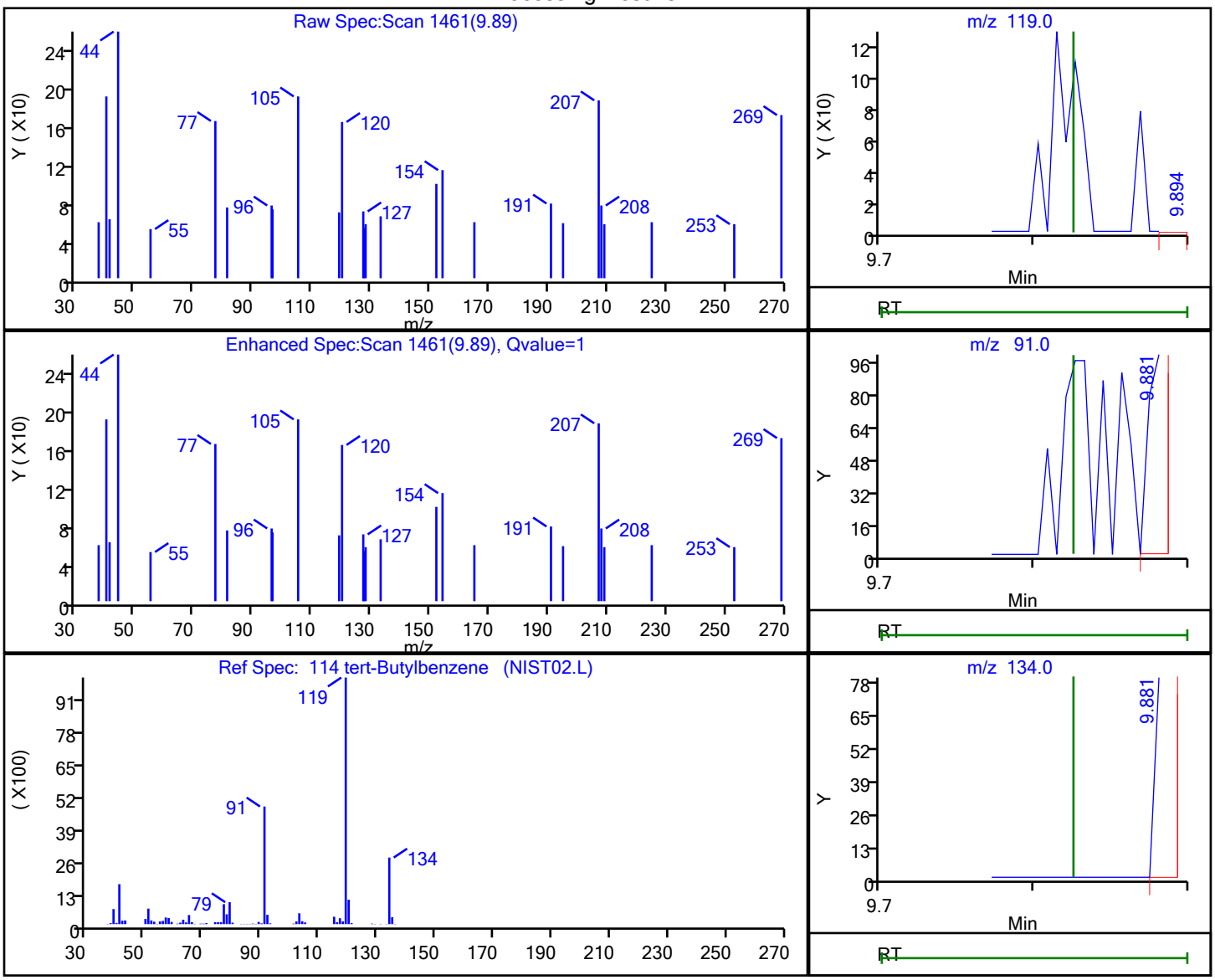
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 114 tert-Butylbenzene, CAS: 98-06-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.89 | 119.00 | 49 | 0.011948 |
| 9.88 | 91.00 | 66 | |
| 9.88 | 134.00 | 50 | |

Reviewer: NN6A, 26-Jul-2025 16:31:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

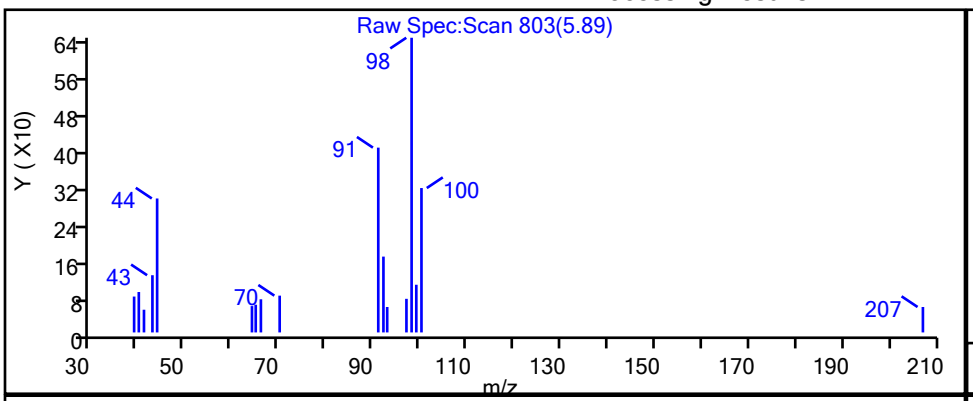
User Disabled Compound Report

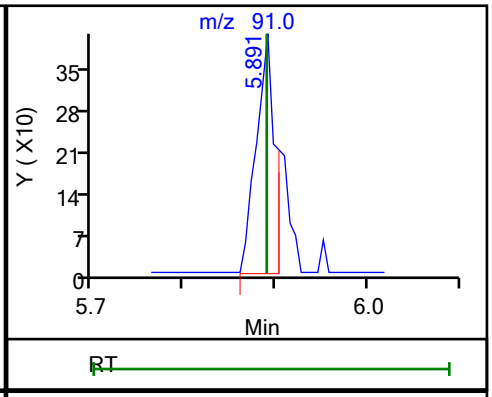
Eurofins Edison

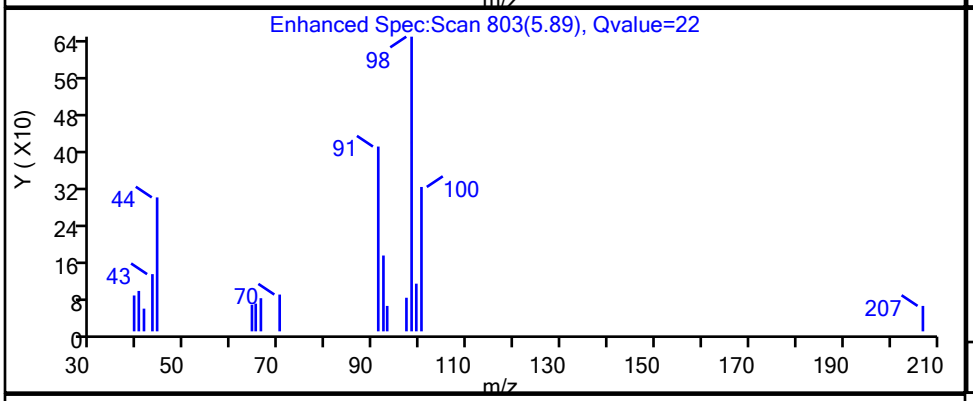
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

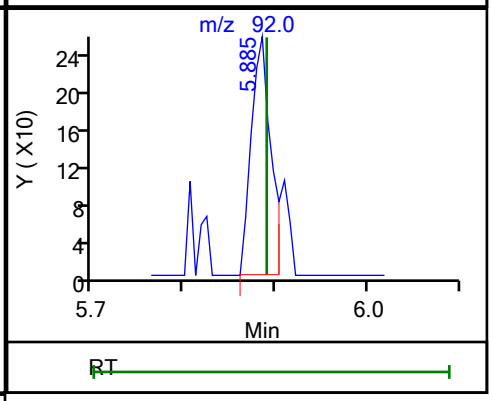
## 82 Toluene, CAS: 108-88-3

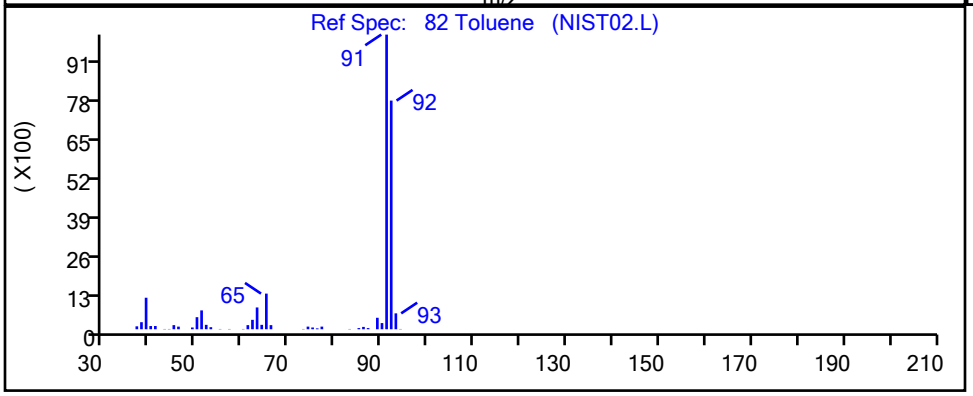
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.89 | 91.00 | 576 | 0.055726 |
| 5.88 | 92.00 | 388 | |

Reviewer: NN6A, 26-Jul-2025 16:31:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

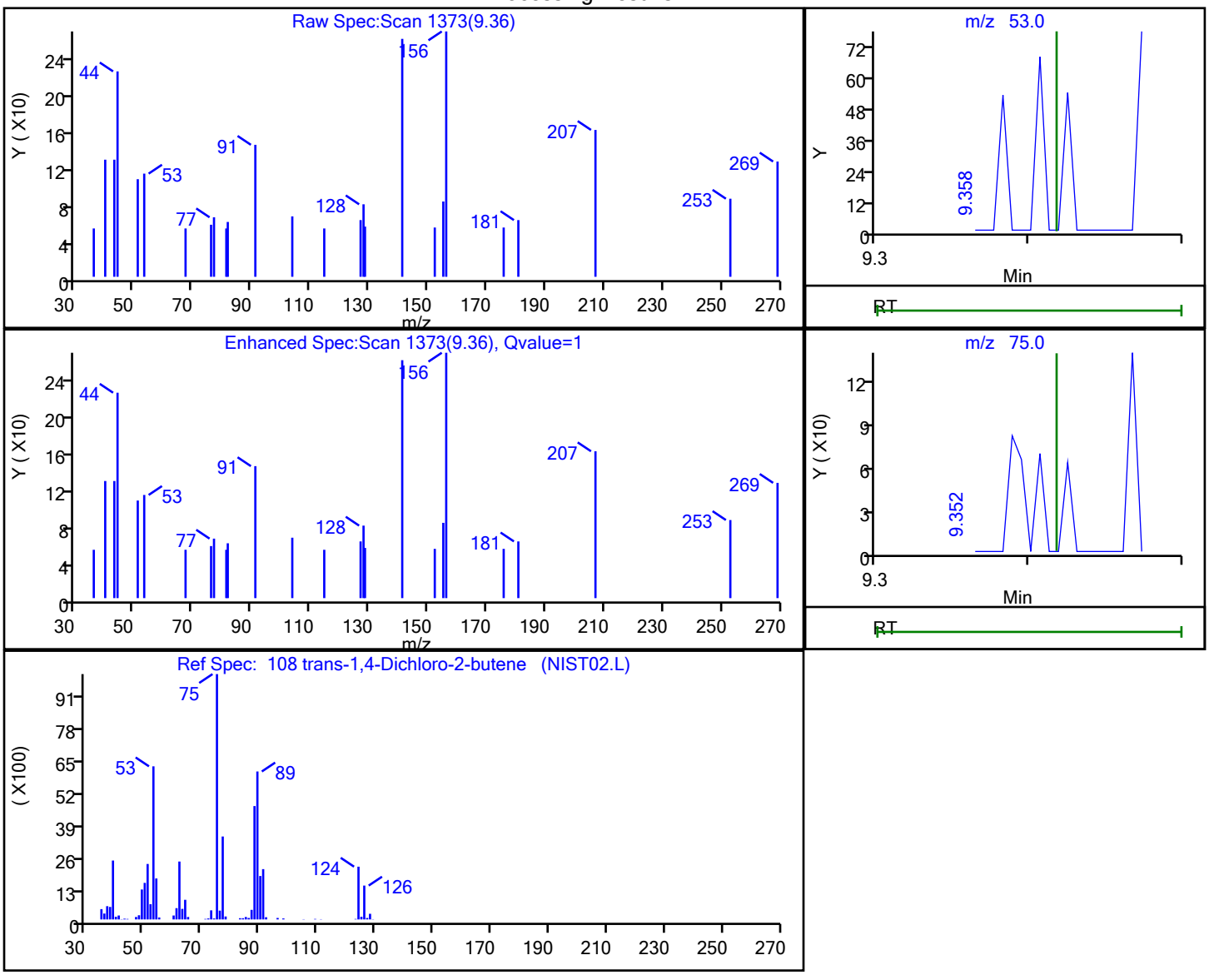
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 108 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.36 | 53.00 | 64 | 0.168986 |
| 9.35 | 75.00 | 25 | |

Reviewer: NN6A, 26-Jul-2025 16:31:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

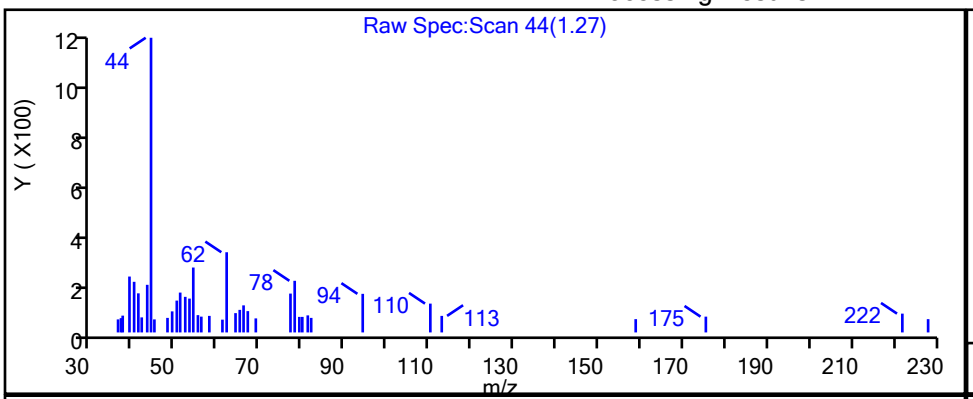
User Disabled Compound Report

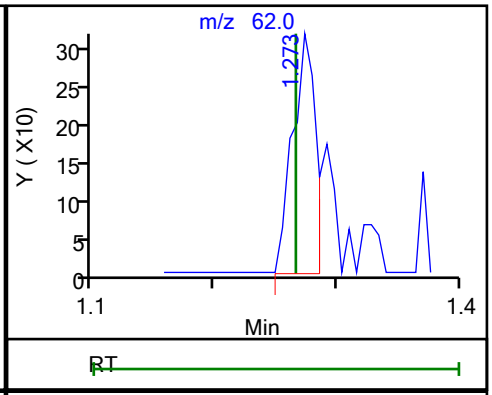
Eurofins Edison

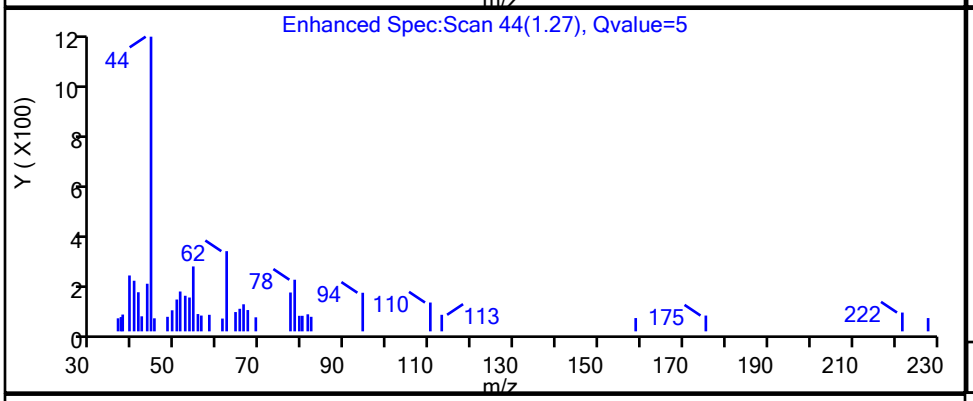
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20684.D
Injection Date: 26-Jul-2025 15:16:30 Instrument ID: CVOAMS8
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

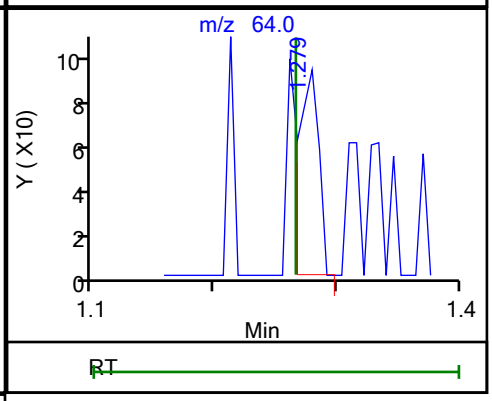
## 5 Vinyl chloride, CAS: 75-01-4

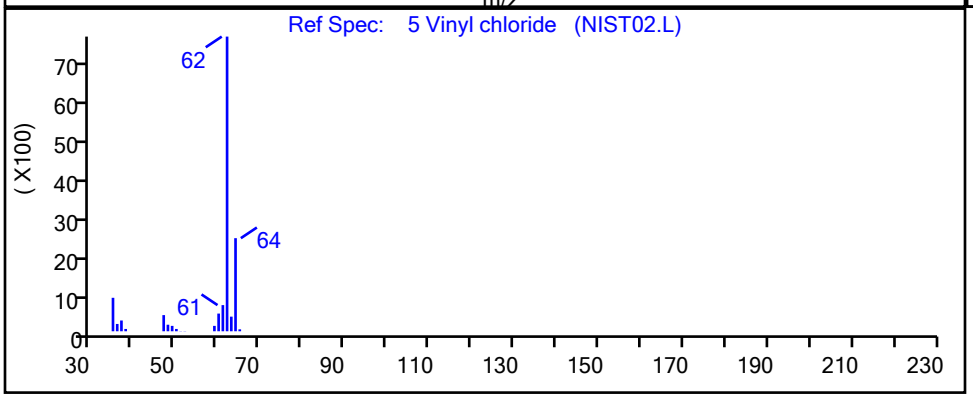
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.27 | 62.00 | 421 | 0.168743 |
| 1.28 | 64.00 | 105 | |

Reviewer: NN6A, 26-Jul-2025 16:32:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 26-Jul-2025 16:02:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0194147-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub82

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:37:39 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 26-Jul-2025 16:38:16

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 118 | 1.061 | 1.065 | -0.004 | 40 | 176 | 1.00 | 0.6331 | M |
| 2 Dichlorodifluoromethane | 85 | 1.098 | 1.090 | 0.008 | 90 | 2824 | 1.00 | 0.7913 | M |
| 3 Chlorodifluoromethane | 67 | 1.104 | 1.102 | 0.002 | 93 | 420 | 1.00 | 1.09 | |
| 4 Chloromethane | 50 | 1.220 | 1.217 | 0.003 | 96 | 2425 | 1.00 | 1.03 | |
| 5 Vinyl chloride | 62 | 1.268 | 1.266 | 0.002 | 96 | 1772 | 1.00 | 0.8820 | M |
| 6 Butadiene | 54 | 1.268 | 1.272 | -0.004 | 93 | 1324 | 1.00 | 0.7810 | |
| 7 Bromomethane | 94 | 1.481 | 1.473 | 0.008 | 97 | 1969 | 1.00 | 0.99 | |
| 8 Chloroethane | 64 | 1.518 | 1.515 | 0.003 | 95 | 1162 | 1.00 | 1.11 | |
| 9 Dichlorofluoromethane | 67 | 1.633 | 1.631 | 0.002 | 95 | 3115 | 1.00 | 0.9033 | |
| 10 Trichlorofluoromethane | 101 | 1.633 | 1.631 | 0.002 | 86 | 2593 | 1.00 | 0.7874 | |
| 11 Pentane | 43 | 1.658 | 1.655 | 0.003 | 96 | 2475 | 2.00 | 1.86 | |
| 12 Ethanol | 46 | 1.779 | 1.765 | 0.014 | 80 | 313 | 40.0 | 48.1 | M |
| 13 Ethyl ether | 59 | 1.791 | 1.789 | 0.002 | 84 | 2519 | 1.00 | 1.00 | |
| 14 2-Methyl-1,3-butadiene | 53 | 1.810 | 1.807 | 0.003 | 85 | 1262 | 1.00 | 0.8564 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.822 | 1.820 | 0.002 | 73 | 2326 | 1.00 | 1.06 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.864 | 1.862 | 0.002 | 92 | 3108 | 1.00 | 1.01 | a |
| 18 Acrolein | 56 | 1.919 | 1.917 | 0.002 | 82 | 1550 | 4.00 | 4.96 | M |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.907 | 1.917 | -0.010 | 49 | 1702 | 1.00 | 0.9305 | M |
| 19 1,1-Dichloroethene | 96 | 1.944 | 1.941 | 0.003 | 93 | 2363 | 1.00 | 1.03 | |
| 20 Acetone | 43 | 2.004 | 2.002 | 0.002 | 84 | 3044 | 5.00 | 5.59 | |
| 21 Iodomethane | 142 | 2.059 | 2.057 | 0.002 | 95 | 6305 | 1.00 | 1.06 | |
| 22 Isopropyl alcohol | 45 | 2.071 | 2.069 | 0.002 | 30 | 1311 | 10.0 | 11.7 | a |
| 23 Carbon disulfide | 76 | 2.083 | 2.081 | 0.002 | 99 | 8896 | 1.00 | 1.09 | |
| 24 3-Chloro-1-propene | 76 | 2.169 | 2.172 | -0.003 | 92 | 1405 | 1.00 | 0.6768 | |
| 25 Methyl acetate | 43 | 2.181 | 2.179 | 0.002 | 93 | 3106 | 2.00 | 1.99 | |
| 26 Cyclopentene | 67 | 2.193 | 2.191 | 0.002 | 92 | 6225 | 1.00 | 0.9397 | |
| 27 Acetonitrile | 41 | 2.223 | 2.221 | 0.002 | 98 | 2086 | 10.0 | 8.65 | |
| * 28 TBA-d9 (IS) | 65 | 2.260 | 2.264 | -0.004 | 75 | 210493 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.272 | 2.270 | 0.002 | 30 | 3496 | 1.00 | 1.12 | |
| 30 2-Methyl-2-propanol | 59 | 2.321 | 2.318 | 0.003 | 92 | 2195 | 10.0 | 10.5 | |

| 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 | 2.394 | 2.391 | 0.003 | 95 | 6866 | 1.00 | 1.00 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.412 | 2.416 | -0.004 | 89 | 3324 | 1.00 | 1.00 | |
| 33 Acrylonitrile | 53 | 2.473 | 2.471 | 0.002 | 93 | 8893 | 10.0 | 10.1 | |
| 34 Hexane | 57 | 2.534 | 2.531 | 0.003 | 91 | 1104 | 1.00 | 0.8777 | |
| 35 Isopropyl ether | 45 | 2.698 | 2.702 | -0.004 | 96 | 6624 | 1.00 | 1.02 | |
| 36 1,1-Dichloroethane | 63 | 2.734 | 2.732 | 0.002 | 96 | 4794 | 1.00 | 0.9850 | |
| 37 Vinyl acetate | 43 | 2.747 | 2.738 | 0.009 | 99 | 6440 | 2.00 | 1.69 | |
| 38 2-Chloro-1,3-butadiene | 88 | 2.771 | 2.769 | 0.002 | 86 | 2473 | 1.00 | 0.9451 | |
| 39 Tert-butyl ethyl ether | 59 | 2.966 | 2.963 | 0.003 | 90 | 6578 | 1.00 | 0.9678 | |
| * 40 2-Butanone-d5 | 46 | 3.136 | 3.134 | 0.002 | 90 | 206667 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.136 | 3.140 | -0.004 | 48 | 1332 | 1.00 | 1.24 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.166 | 3.170 | -0.004 | 89 | 3810 | 1.00 | 1.05 | |
| 43 2-Butanone (MEK) | 72 | 3.185 | 3.182 | 0.003 | 95 | 1420 | 5.00 | 5.28 | |
| 44 Ethyl acetate | 70 | 3.203 | 3.188 | 0.015 | 92 | 466 | 2.00 | 1.89 | M |
| 45 Methyl acrylate | 55 | 3.245 | 3.237 | 0.008 | 96 | 1478 | 1.00 | 0.8544 | a |
| 46 Propionitrile | 54 | 3.325 | 3.298 | 0.026 | 90 | 2543 | 10.0 | 8.41 | |
| 47 Chlorobromomethane | 128 | 3.367 | 3.365 | 0.002 | 65 | 2174 | 1.00 | 1.08 | |
| 48 Tetrahydrofuran | 72 | 3.385 | 3.371 | 0.014 | 29 | 838 | 2.00 | 2.50 | |
| 49 Methacrylonitrile | 67 | 3.391 | 3.383 | 0.008 | 85 | 10336 | 10.0 | 10.3 | |
| 50 Chloroform | 83 | 3.410 | 3.414 | -0.004 | 96 | 5884 | 1.00 | 1.08 | |
| 51 Cyclohexane | 84 | 3.519 | 3.523 | -0.004 | 78 | 1776 | 1.00 | 0.8823 | |
| 52 1,1,1-Trichloroethane | 97 | 3.544 | 3.535 | 0.009 | 96 | 3588 | 1.00 | 0.9443 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.556 | 3.553 | 0.003 | 96 | 151189 | 50.0 | 50.6 | |
| 54 Carbon tetrachloride | 117 | 3.647 | 3.645 | 0.002 | 94 | 2975 | 1.00 | 0.9010 | |
| 55 1,1-Dichloropropene | 75 | 3.671 | 3.675 | -0.004 | 96 | 3376 | 1.00 | 0.9569 | |
| 56 Isobutyl alcohol | 43 | 3.823 | 3.815 | 0.008 | 1 | 537 | 25.0 | 26.7 | Ma |
| 57 Isooctane | 57 | 3.811 | 3.821 | -0.010 | 77 | 2481 | 1.00 | 1.03 | |
| 58 Benzene | 78 | 3.854 | 3.852 | 0.002 | 90 | 11233 | 1.00 | 1.07 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.872 | 3.870 | 0.002 | 0 | 111022 | 50.0 | 49.3 | |
| 60 Isopropyl acetate | 43 | 3.915 | 3.912 | 0.003 | 69 | 4963 | 1.00 | 0.9231 | M |
| 61 Tert-amyl methyl ether | 55 | 3.915 | 3.918 | -0.003 | 90 | 1976 | 1.00 | 1.15 | a |
| 62 1,2-Dichloroethane | 62 | 3.939 | 3.943 | -0.004 | 95 | 3205 | 1.00 | 1.00 | |
| 63 n-Heptane | 57 | 3.994 | 4.004 | -0.010 | 84 | 560 | 1.00 | 0.9268 | M |
| * 64 Fluorobenzene | 96 | 4.128 | 4.125 | 0.003 | 100 | 524791 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.468 | 4.472 | -0.004 | 94 | 2951 | 1.00 | 0.9652 | |
| 67 Methylcyclohexane | 83 | 4.584 | 4.582 | 0.002 | 89 | 1540 | 1.00 | 0.8725 | |
| 68 Ethyl acrylate | 55 | 4.578 | 4.600 | -0.022 | 68 | 1087 | 1.00 | 1.01 | a |
| 69 1,2-Dichloropropane | 63 | 4.754 | 4.752 | 0.002 | 95 | 2466 | 1.00 | 1.05 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.827 | 4.819 | 0.008 | 0 | 20723 | 1000.0 | 1000.0 | |
| 71 Methyl methacrylate | 100 | 4.839 | 4.843 | -0.004 | 78 | 796 | 2.00 | 1.55 | |
| 72 Dibromomethane | 93 | 4.888 | 4.880 | 0.008 | 95 | 2102 | 1.00 | 0.99 | |
| 73 1,4-Dioxane | 88 | 4.876 | 4.886 | -0.010 | 41 | 853 | 50.0 | 27.8 | |
| 74 n-Propyl acetate | 43 | 4.937 | 4.910 | 0.027 | 29 | 1555 | 1.00 | 0.7586 | a |
| 75 Dichlorobromomethane | 83 | 5.040 | 5.044 | -0.004 | 91 | 3025 | 1.00 | 0.8974 | |
| 76 2-Nitropropane | 41 | 5.393 | 5.385 | 0.008 | 75 | 704 | 2.00 | 1.78 | a |
| 77 2-Chloroethyl vinyl ether | 63 | 5.417 | 5.403 | 0.014 | 79 | 1057 | 1.00 | 0.8425 | |
| 78 Epichlorohydrin | 57 | 5.521 | 5.506 | 0.015 | 93 | 2756 | 20.0 | 16.8 | M |
| 79 cis-1,3-Dichloropropene | 75 | 5.563 | 5.561 | 0.002 | 89 | 3681 | 1.00 | 1.00 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.746 | 5.737 | 0.009 | 92 | 6709 | 5.00 | 4.36 | a |
| $ 81 Toluene-d8 (Surr) | 98 | 5.807 | 5.804 | 0.003 | 99 | 355327 | 50.0 | 50.2 | |
| 82 Toluene | 91 | 5.886 | 5.889 | -0.003 | 92 | 9297 | 1.00 | 1.03 | |
| 83 trans-1,3-Dichloropropene | 75 | 6.305 | 6.291 | 0.014 | 93 | 2523 | 1.00 | 0.8952 | M |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 Ethyl methacrylate | 69 | 6.342 | 6.334 | 0.008 | 31 | 1650 | 1.00 | 0.7874 | |
| 85 1,1,2-Trichloroethane | 83 | 6.512 | 6.516 | -0.004 | 92 | 1934 | 1.00 | 1.03 | M |
| 86 Tetrachloroethene | 166 | 6.549 | 6.546 | 0.003 | 93 | 2118 | 1.00 | 1.01 | |
| 87 1,3-Dichloropropane | 76 | 6.749 | 6.741 | 0.008 | 86 | 2956 | 1.00 | 1.00 | |
| 88 2-Hexanone | 58 | 6.853 | 6.832 | 0.021 | 91 | 1938 | 5.00 | 3.54 | M |
| 89 n-Butyl acetate | 43 | 7.005 | 6.984 | 0.021 | 57 | 1618 | 1.00 | 0.8575 | M |
| 90 Chlorodibromomethane | 129 | 7.005 | 6.997 | 0.008 | 95 | 2455 | 1.00 | 0.9401 | M |
| 91 Ethylene Dibromide | 107 | 7.151 | 7.149 | 0.002 | 99 | 2322 | 1.00 | 0.9487 | |
| * 92 Chlorobenzene-d5 | 117 | 7.765 | 7.763 | 0.002 | 81 | 328011 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.802 | 7.800 | 0.002 | 95 | 5666 | 1.00 | 0.9798 | |
| 94 Ethylbenzene | 106 | 7.924 | 7.921 | 0.003 | 97 | 2383 | 1.00 | 1.00 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.930 | 7.934 | -0.004 | 52 | 2421 | 1.00 | 1.01 | |
| 96 m-Xylene & p-Xylene | 106 | 8.076 | 8.080 | -0.004 | 0 | 2827 | 1.00 | 1.00 | |
| 97 o-Xylene | 106 | 8.550 | 8.548 | 0.002 | 94 | 3231 | 1.00 | 1.04 | |
| 98 n-Butyl acrylate | 73 | 8.587 | 8.578 | 0.009 | 57 | 996 | 1.00 | 0.8096 | |
| 99 Styrene | 104 | 8.587 | 8.584 | 0.003 | 97 | 4253 | 1.00 | 0.8883 | |
| 100 Bromoform | 173 | 8.806 | 8.803 | 0.003 | 94 | 1436 | 1.00 | 0.9102 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.848 | 8.828 | 0.020 | 91 | 2446 | 1.00 | 0.9499 | |
| 137 (-)-a-Pinene | 93 | 8.860 | 8.864 | -0.004 | 0 | 1237 | 1.00 | 0.8816 | |
| 102 Isopropylbenzene | 105 | 8.940 | 8.943 | -0.003 | 95 | 5125 | 1.00 | 0.9625 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.146 | 9.150 | -0.004 | 97 | 89479 | 50.0 | 49.4 | |
| 104 Bromobenzene | 156 | 9.268 | 9.272 | -0.004 | 87 | 2885 | 1.00 | 1.10 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.353 | 9.351 | 0.002 | 69 | 2703 | 1.00 | 0.9553 | |
| 106 N-Propylbenzene | 91 | 9.359 | 9.363 | -0.004 | 99 | 5847 | 1.00 | 0.9666 | |
| 107 1,2,3-Trichloropropane | 110 | 9.390 | 9.387 | 0.003 | 94 | 781 | 1.00 | 1.11 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.420 | 9.418 | 0.002 | 43 | 296 | 1.00 | 0.7588 | |
| 109 2-Chlorotoluene | 91 | 9.457 | 9.454 | 0.003 | 96 | 5402 | 1.00 | 1.02 | |
| 110 4-Ethyltoluene | 105 | 9.481 | 9.479 | 0.002 | 98 | 5183 | 1.00 | 0.9856 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.548 | 9.546 | 0.002 | 93 | 4322 | 1.00 | 0.9520 | |
| 112 4-Chlorotoluene | 91 | 9.578 | 9.570 | 0.008 | 96 | 5412 | 1.00 | 1.05 | |
| 113 Butyl Methacrylate | 87 | 9.670 | 9.667 | 0.003 | 80 | 1602 | 1.00 | 0.7188 | |
| 114 tert-Butylbenzene | 119 | 9.828 | 9.825 | 0.003 | 93 | 3329 | 1.00 | 0.9358 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.889 | 9.886 | 0.003 | 95 | 4880 | 1.00 | 1.01 | |
| 116 sec-Butylbenzene | 105 | 10.028 | 10.026 | 0.002 | 99 | 4713 | 1.00 | 0.9804 | |
| 117 1,3-Dichlorobenzene | 146 | 10.150 | 10.148 | 0.002 | 96 | 3401 | 1.00 | 1.00 | |
| 118 4-Isopropyltoluene | 119 | 10.156 | 10.160 | -0.004 | 97 | 4180 | 1.00 | 0.99 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.217 | 10.215 | 0.002 | 93 | 153039 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.235 | 10.233 | 0.002 | 95 | 3642 | 1.00 | 1.02 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.260 | 10.257 | 0.003 | 97 | 5636 | 1.00 | 1.00 | |
| 122 Benzyl chloride | 91 | 10.369 | 10.367 | 0.002 | 98 | 3265 | 1.00 | 0.8158 | |
| 123 2,3-Dihydroindene | 117 | 10.418 | 10.422 | -0.004 | 94 | 5621 | 1.00 | 0.99 | |
| 124 p-Diethylbenzene | 119 | 10.485 | 10.482 | 0.003 | 93 | 2458 | 1.00 | 1.01 | |
| 125 n-Butylbenzene | 92 | 10.503 | 10.507 | -0.004 | 96 | 1880 | 1.00 | 0.9833 | |
| 126 1,2-Dichlorobenzene | 146 | 10.546 | 10.549 | -0.003 | 95 | 3915 | 1.00 | 1.04 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.111 | 11.115 | -0.004 | 96 | 4284 | 1.00 | 1.00 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.190 | 11.194 | -0.004 | 88 | 626 | 1.00 | 0.9152 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.306 | 11.304 | 0.002 | 95 | 2107 | 1.00 | 1.12 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.781 | 11.784 | -0.003 | 91 | 2026 | 1.00 | 1.10 | |
| 131 Hexachlorobutadiene | 225 | 11.866 | 11.863 | 0.003 | 88 | 754 | 1.00 | 1.14 | |
| 132 Naphthalene | 128 | 11.963 | 11.961 | 0.002 | 99 | 8622 | 1.00 | 1.26 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.139 | 12.137 | 0.002 | 96 | 1702 | 1.00 | 1.05 | |
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 2.05 | |

| 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 | 2.03 | |
| S 136 Total BTEX | 1 | | | | 0 | | 5.00 | 5.13 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 14DIOXINTER_00187 | Amount Added: 30.00 | Units: uL | | |
| 8260MIX1COMB_00209 | Amount Added: 10.00 | Units: uL | | |
| 524FREONS_00037 | Amount Added: 10.00 | Units: uL | | |
| ACROLEIN W_00186 | Amount Added: 4.00 | Units: uL | | |
| GASES Li_00653 | Amount Added: 10.00 | Units: uL | | |
| alpha-Pinene_00012 | Amount Added: 10.00 | Units: uL | | |
| 8260ISNEW_00210 | Amount Added: 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00255 | Amount Added: 1.00 | Units: uL | Run Reagent | |

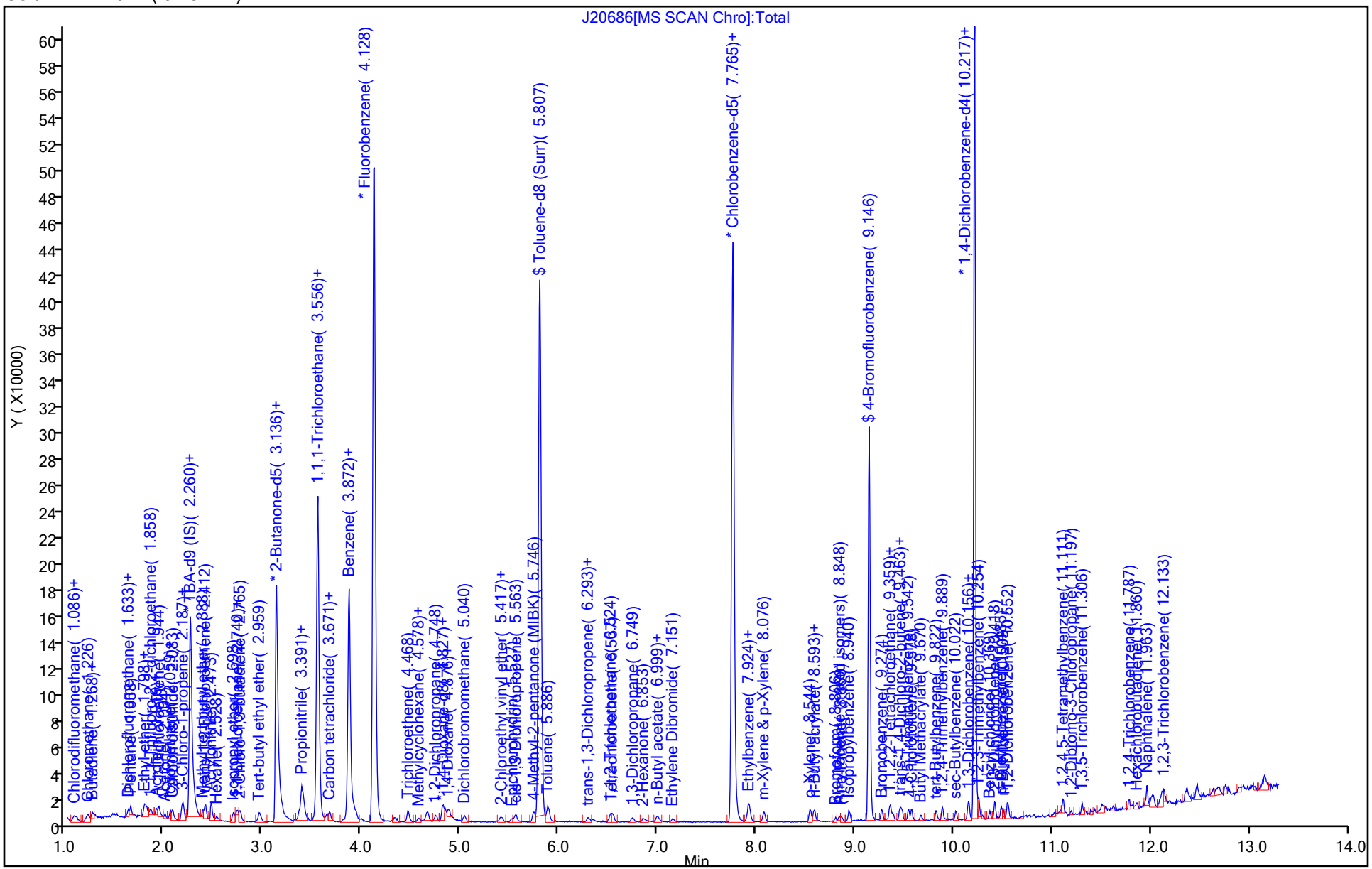
Report Date: 27-Jul-2025 13:37:39 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 16:02:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | STD1 | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

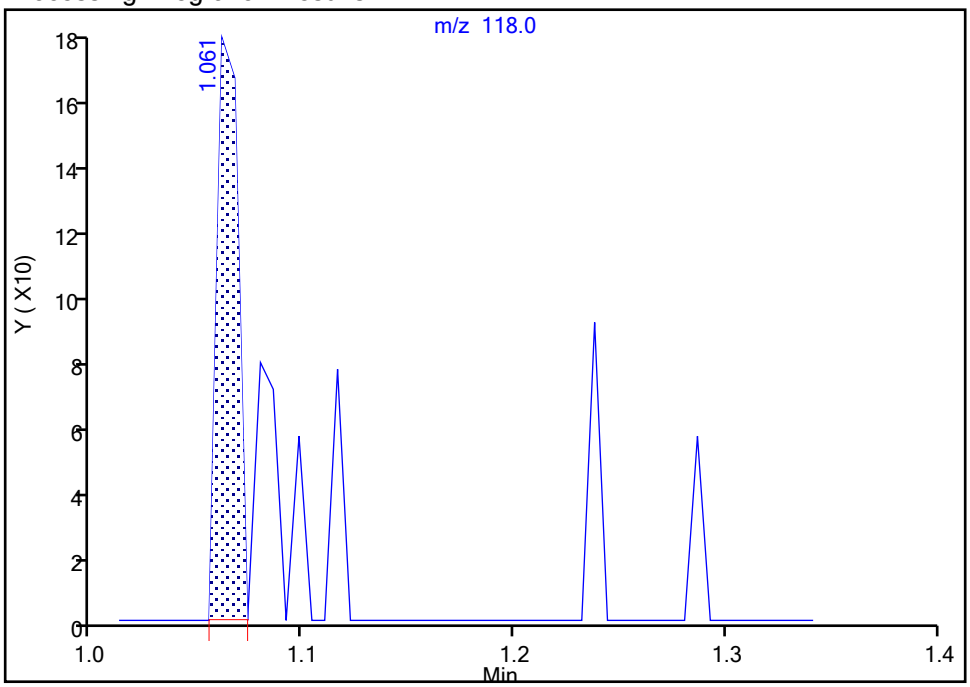
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

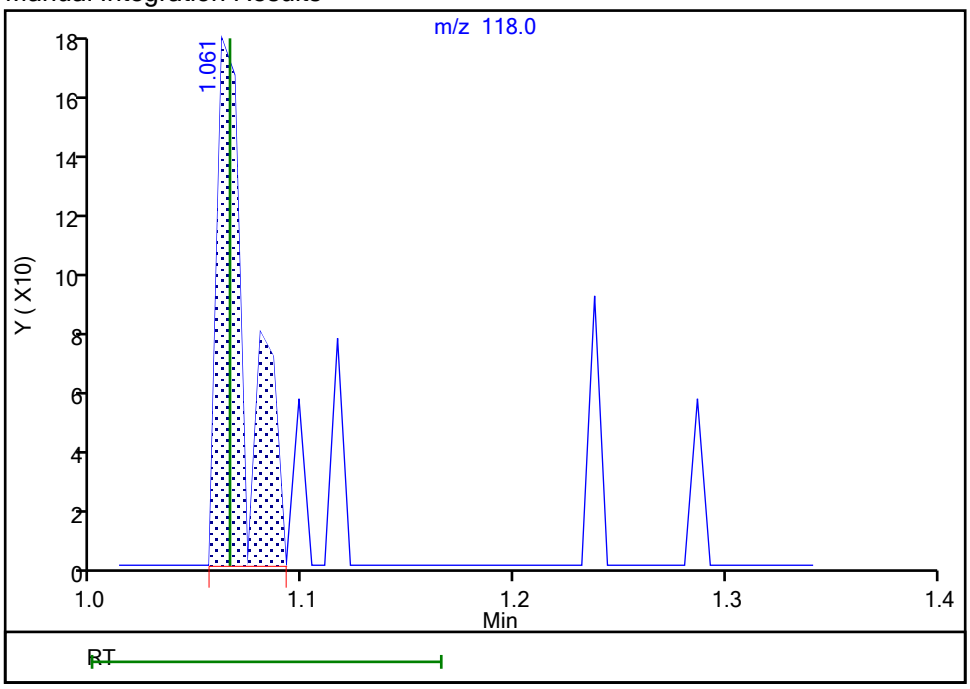
Processing Integration Results

RT: 1.06
Area: 123
Amount: 0.543799
Amount Units: ug/l




Manual Integration Results

RT: 1.06
Area: 176
Amount: 0.633074
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:33:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

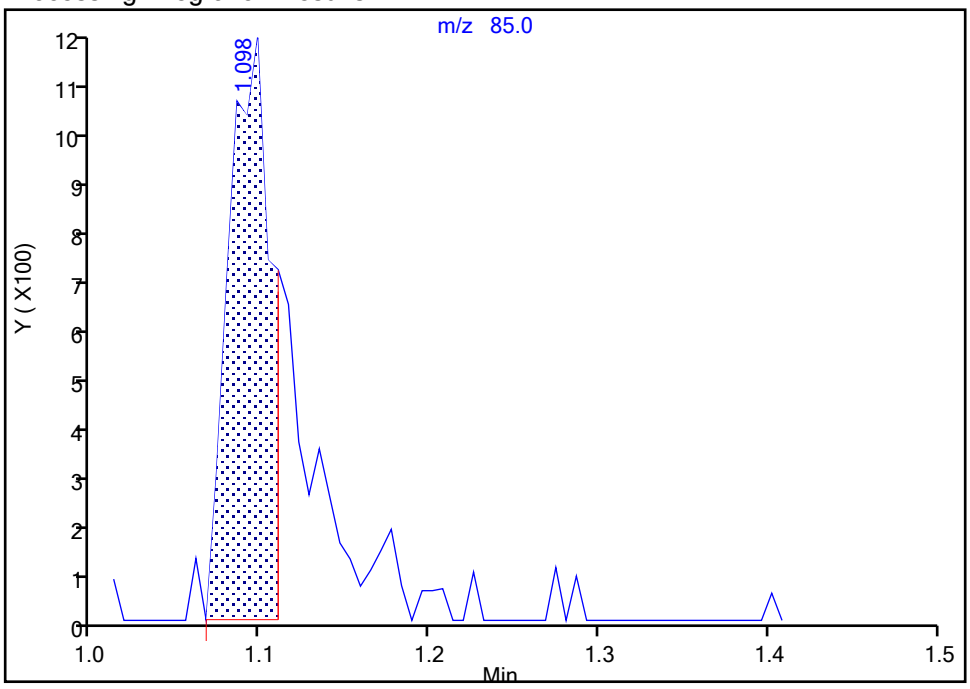
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

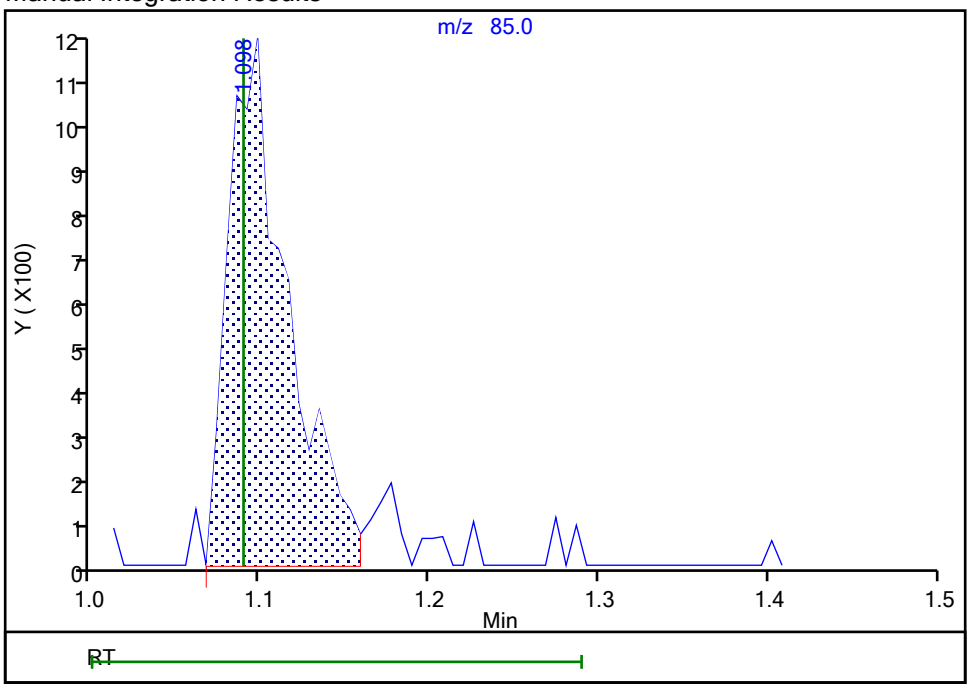
Processing Integration Results

RT: 1.10
Area: 2033
Amount: 0.693236
Amount Units: ug/l




Manual Integration Results

RT: 1.10
Area: 2824
Amount: 0.791293
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:33:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

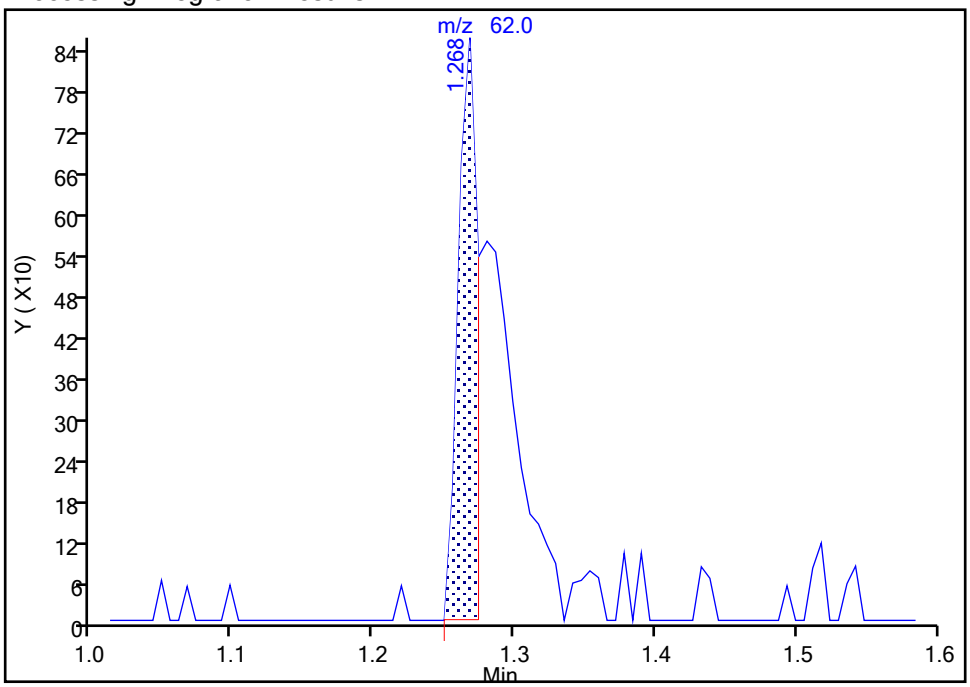
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 5 Vinyl chloride, CAS: 75-01-4

Signal: 1

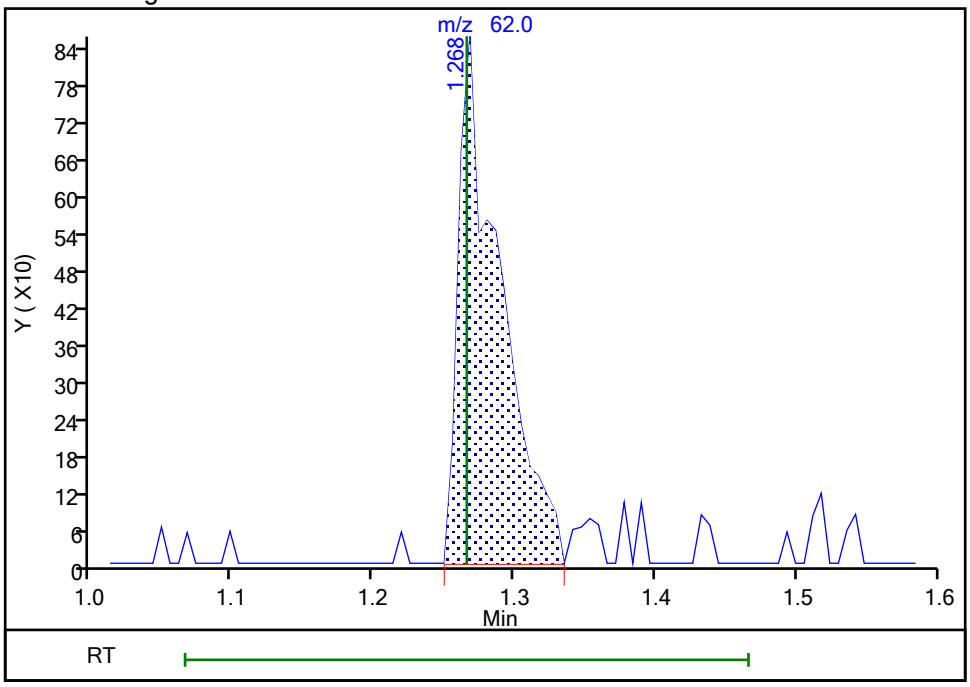
Processing Integration Results

RT: 1.27
Area: 828
Amount: 0.336880
Amount Units: ug/l




Manual Integration Results

RT: 1.27
Area: 1772
Amount: 0.881976
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:33:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

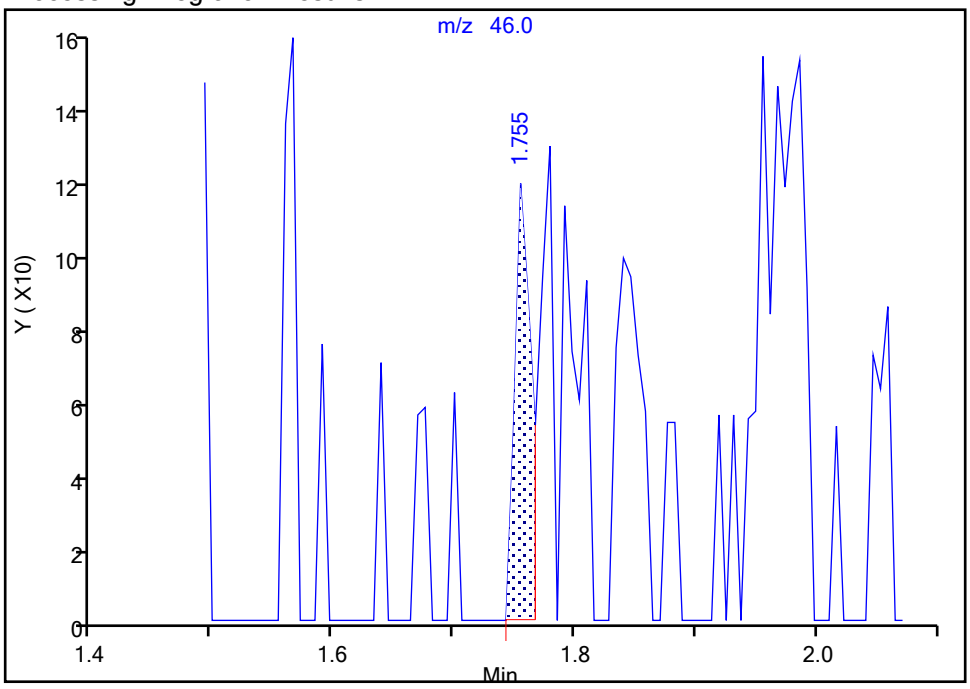
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 Ethanol, CAS: 64-17-5

Signal: 1

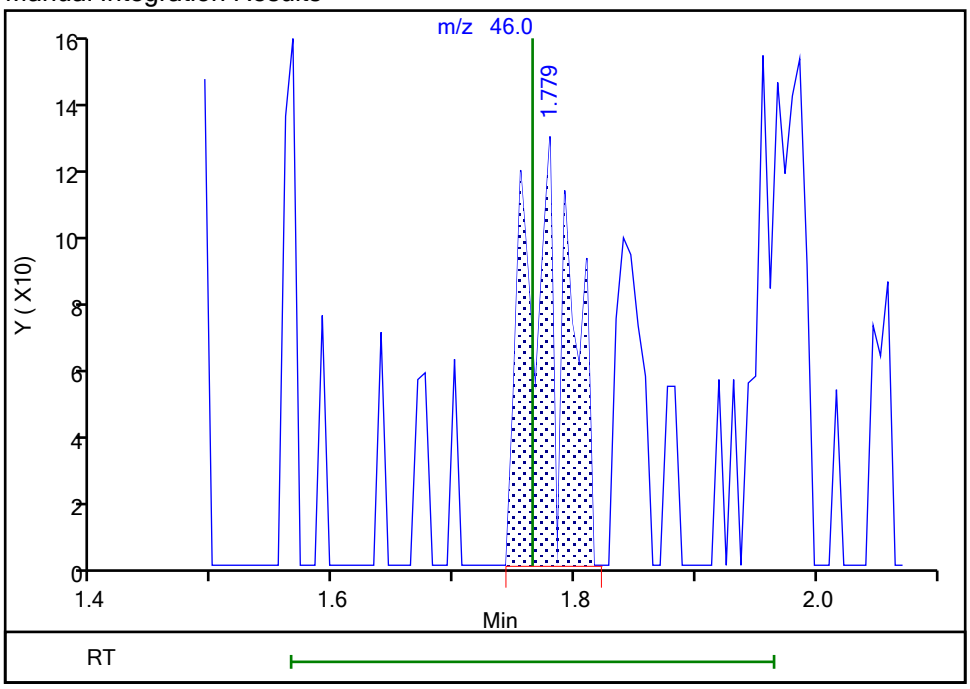
Processing Integration Results

RT: 1.75
Area: 112
Amount: 16.087357
Amount Units: ug/l




Manual Integration Results

RT: 1.78
Area: 313
Amount: 48.050697
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:33:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

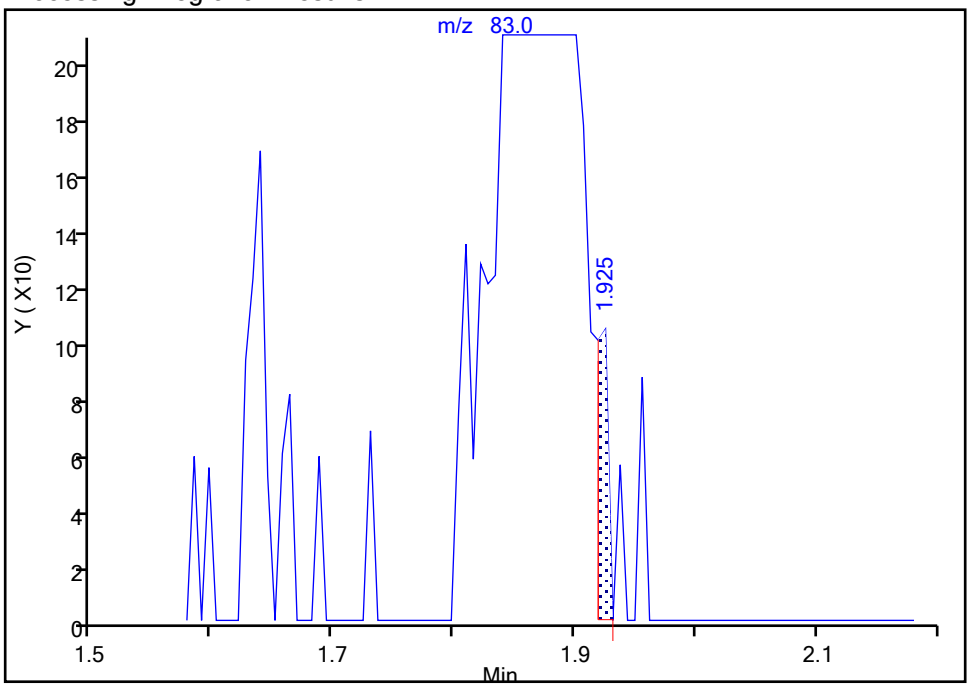
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

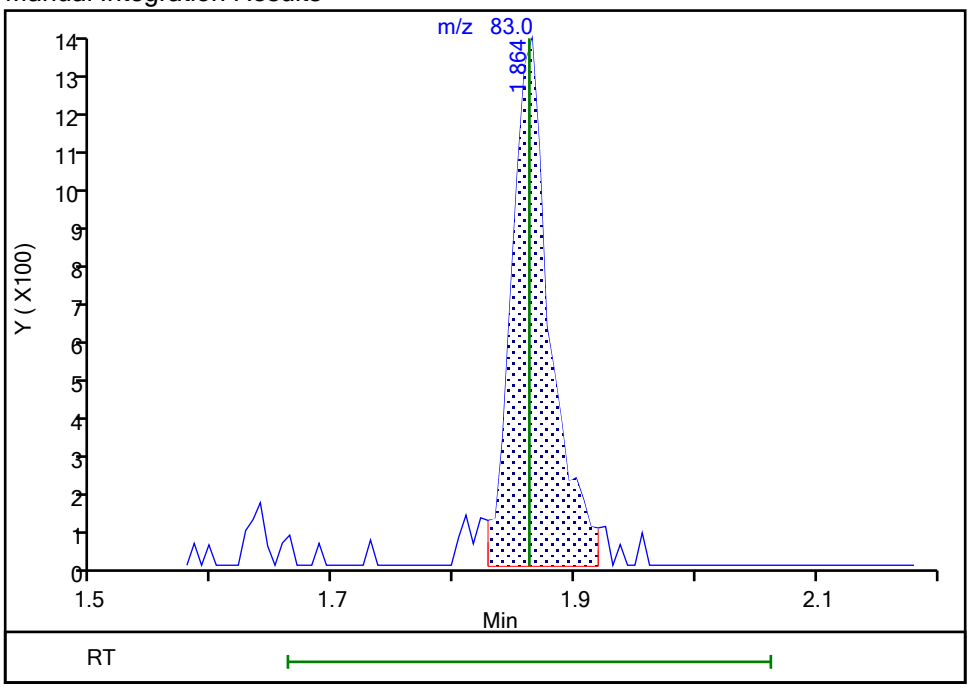
Processing Integration Results

RT: 1.93
Area: 74
Amount: 0.022203
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 3108
Amount: 1.011663
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:33:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

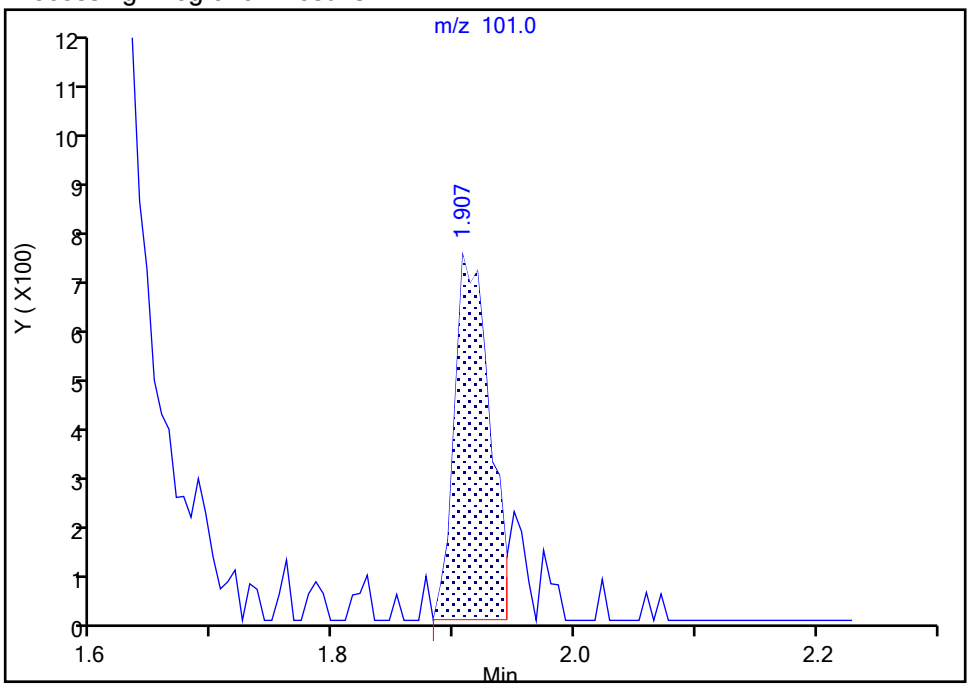
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 17 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

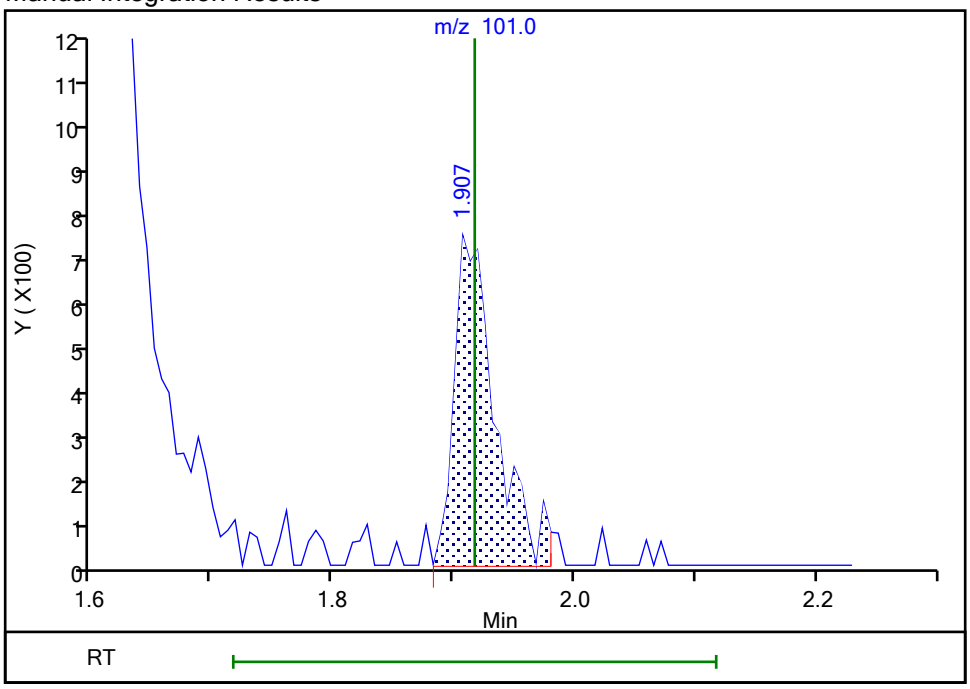
Processing Integration Results

RT: 1.91
Area: 1456
Amount: 0.677292
Amount Units: ug/l




Manual Integration Results

RT: 1.91
Area: 1702
Amount: 0.930464
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:34:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

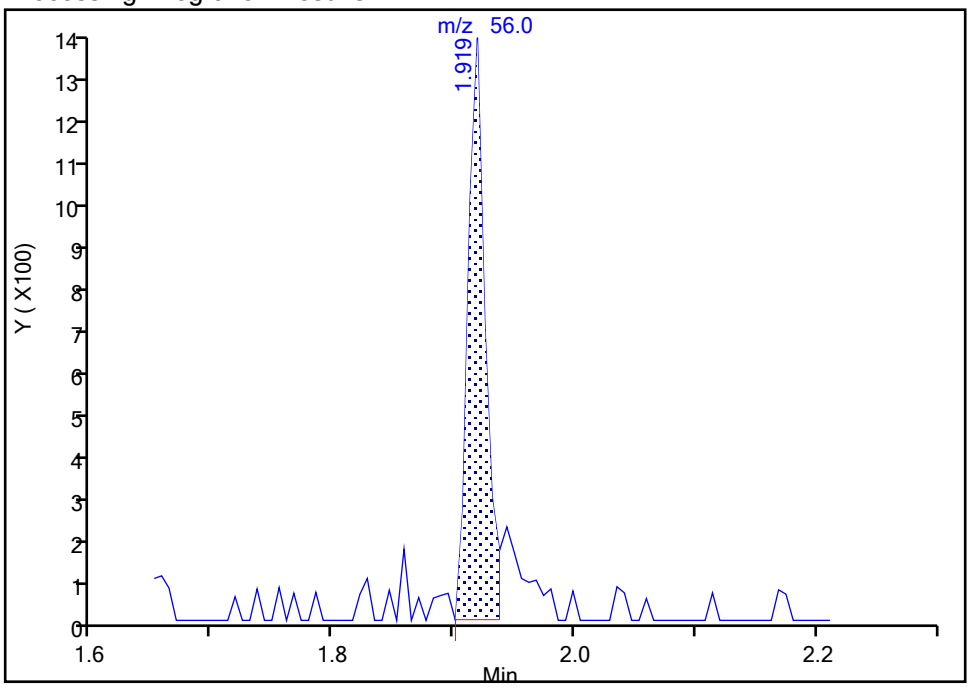
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 18 Acrolein, CAS: 107-02-8

Signal: 1

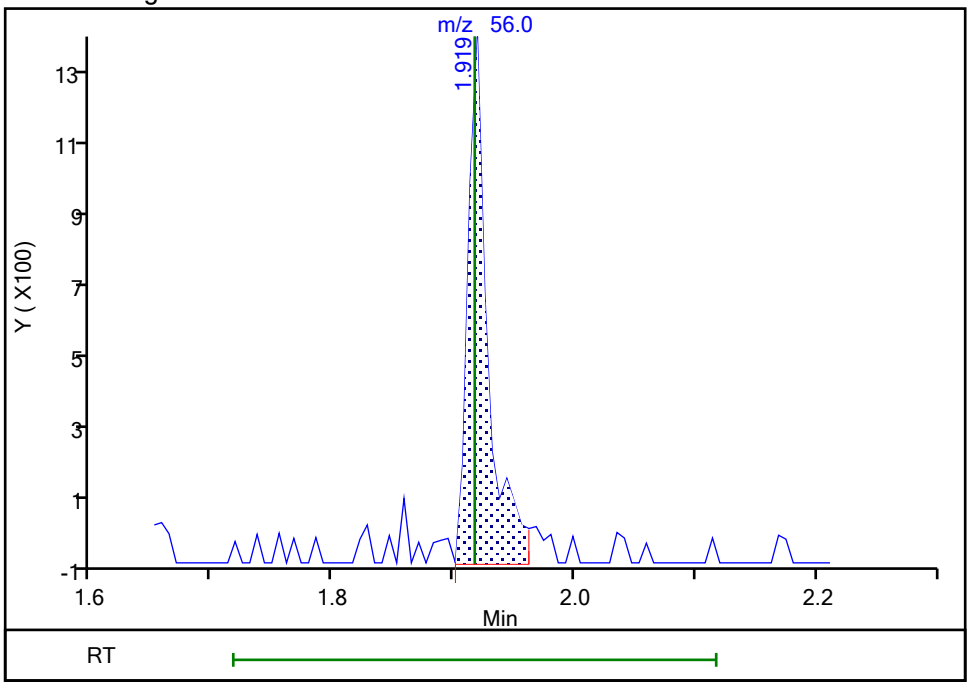
Processing Integration Results

RT: 1.92
Area: 1344
Amount: 3.598906
Amount Units: ug/l




Manual Integration Results

RT: 1.92
Area: 1550
Amount: 4.957190
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:34:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

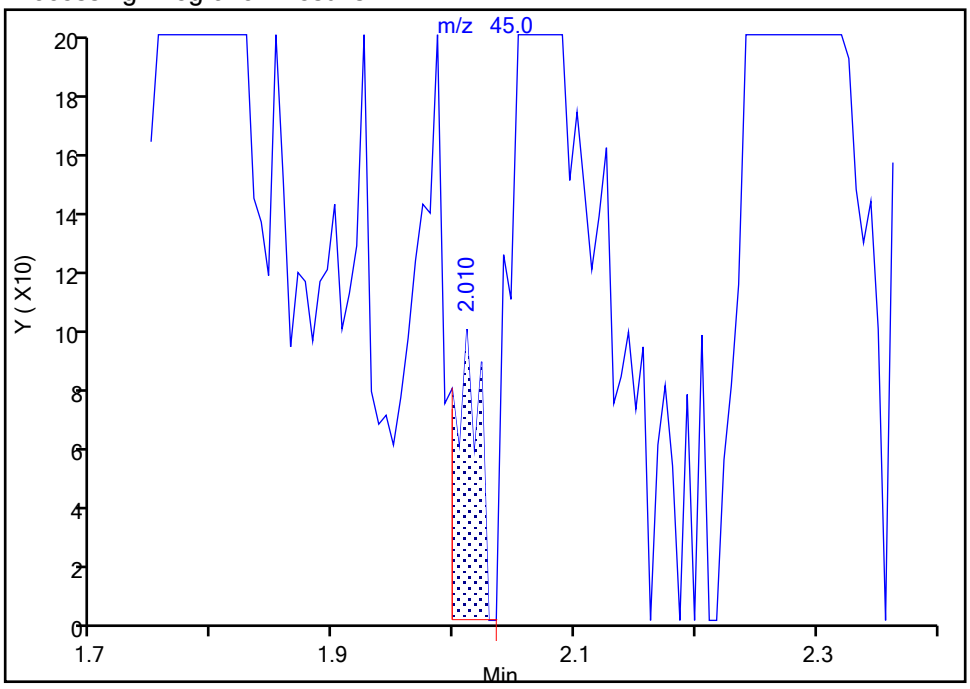
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

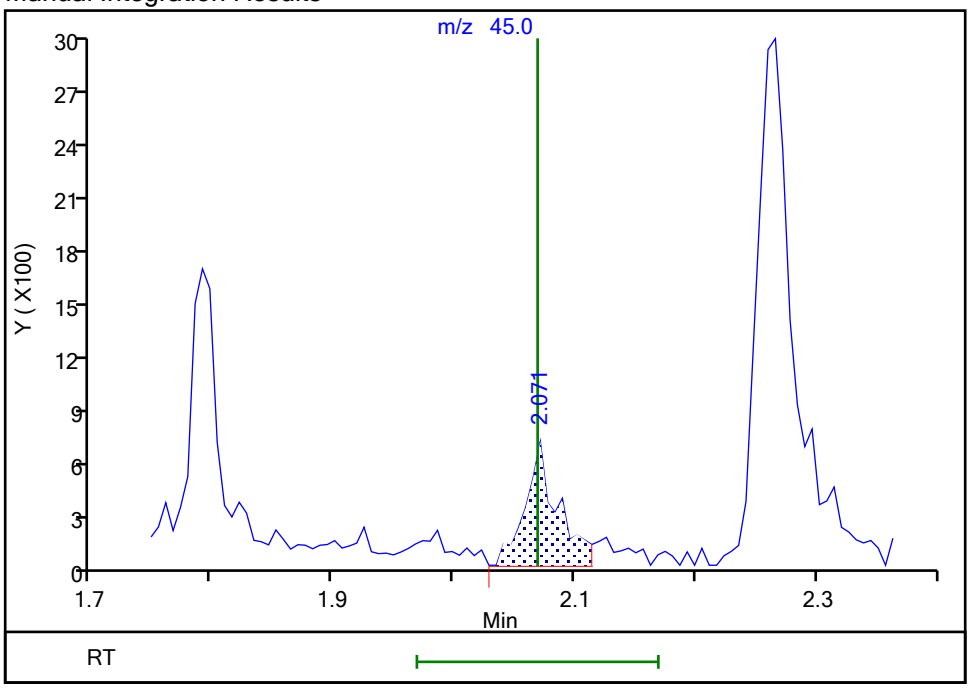
Processing Integration Results

RT: 2.01
Area: 137
Amount: 0.935261
Amount Units: ug/l




Manual Integration Results

RT: 2.07
Area: 1311
Amount: 11.662566
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:34:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

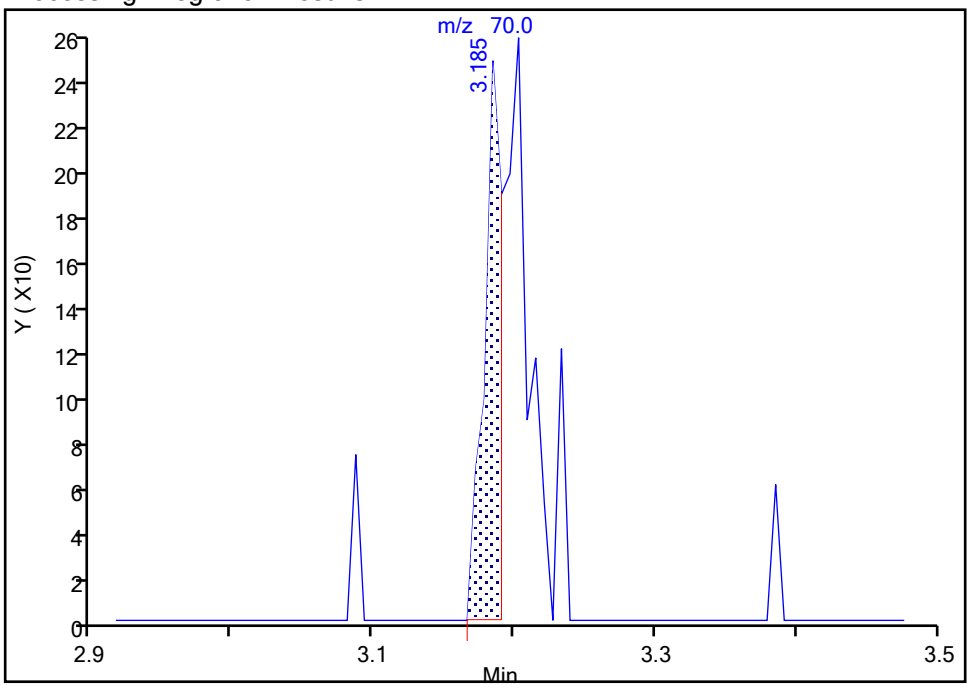
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 44 Ethyl acetate, CAS: 141-78-6

Signal: 1

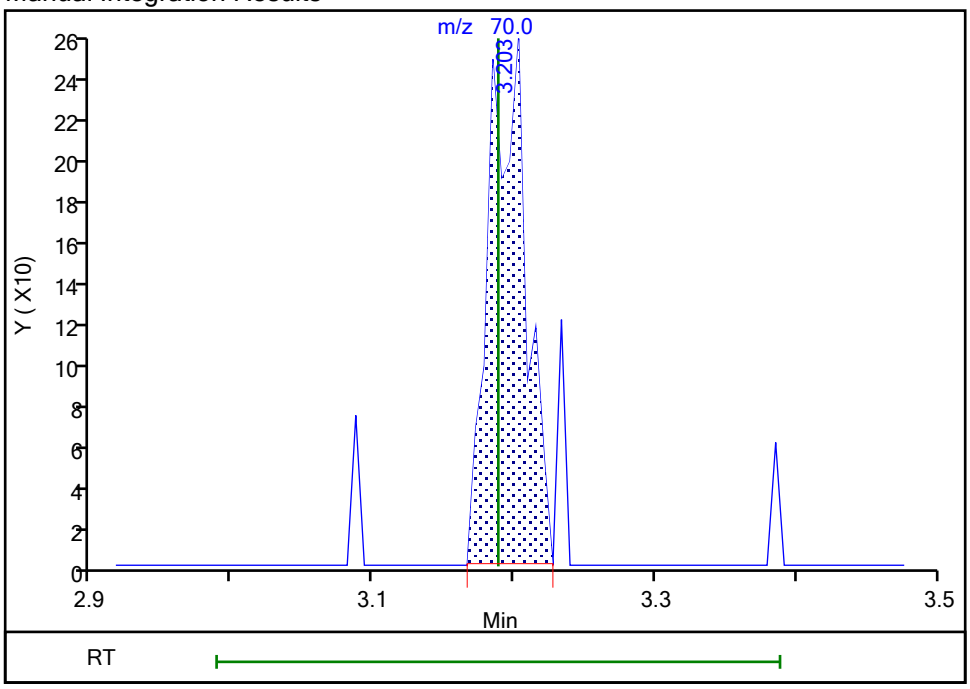
Processing Integration Results

RT: 3.18
Area: 215
Amount: 0.952141
Amount Units: ug/l




Manual Integration Results

RT: 3.20
Area: 466
Amount: 1.887589
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:34:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

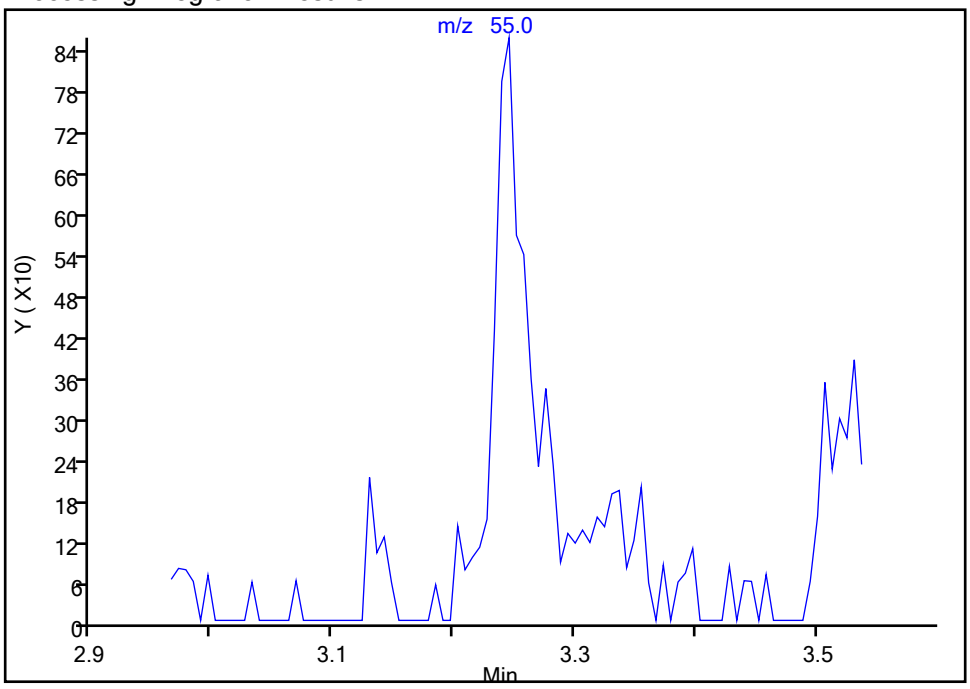
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 45 Methyl acrylate, CAS: 96-33-3

Signal: 1

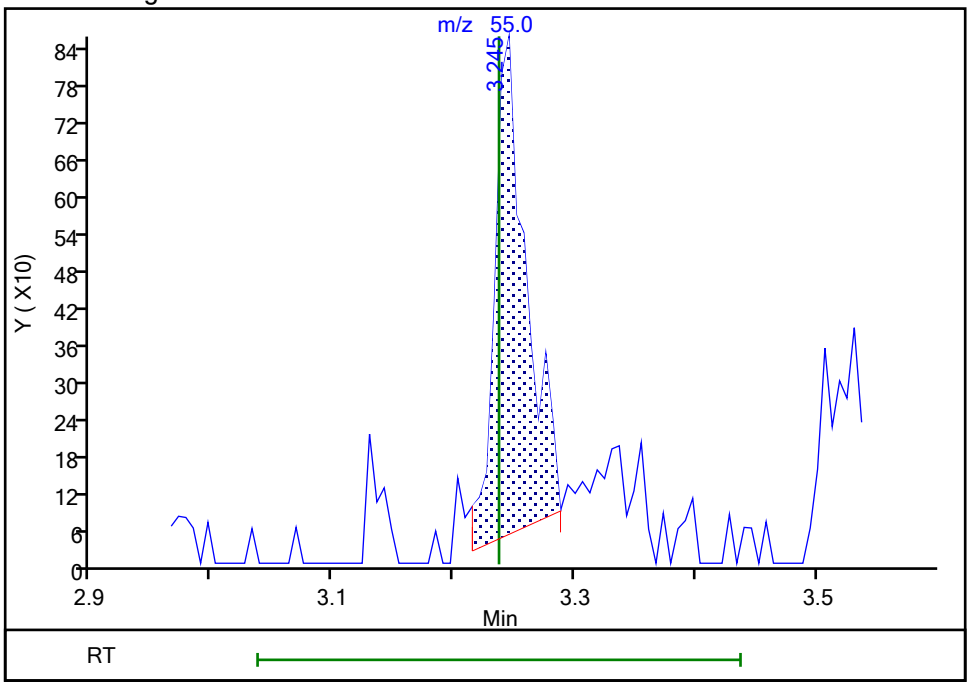
Not Detected
Expected RT: 3.24

Processing Integration Results




Manual Integration Results

RT: 3.25
Area: 1478
Amount: 0.854429
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:34:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

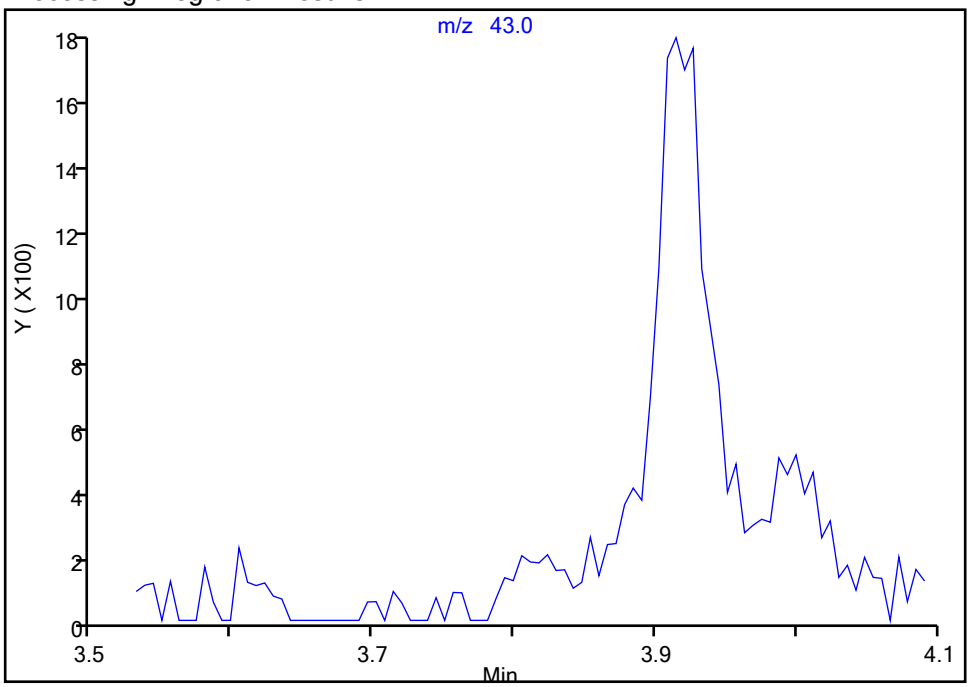
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

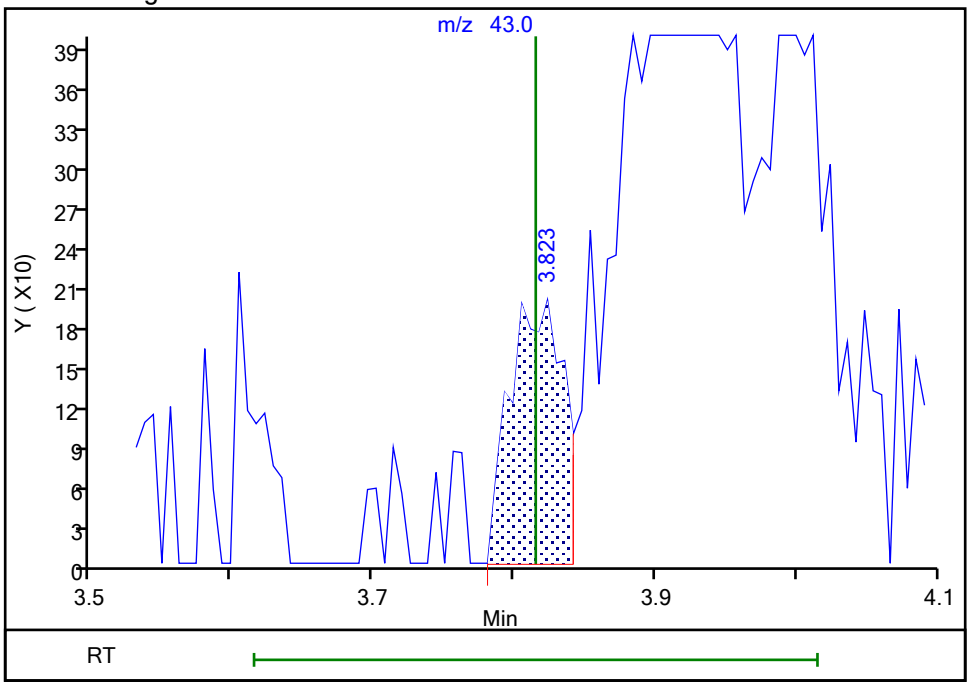
Not Detected
Expected RT: 3.82

Processing Integration Results




Manual Integration Results

RT: 3.82
Area: 537
Amount: 26.713417
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:35:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

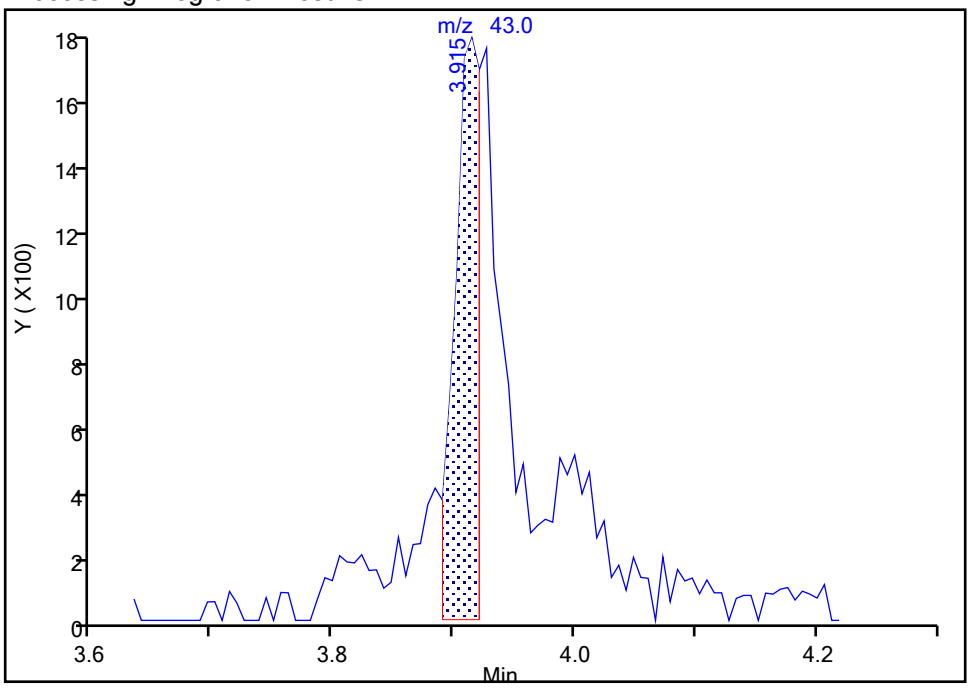
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 60 Isopropyl acetate, CAS: 108-21-4

Signal: 1

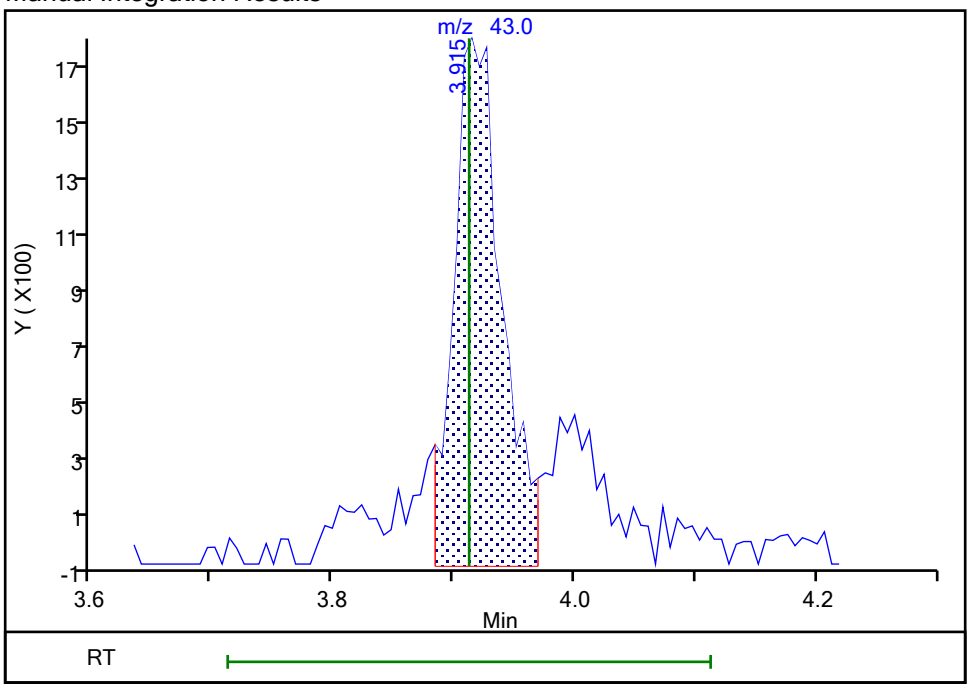
Processing Integration Results

RT: 3.91
Area: 2658
Amount: 0.416820
Amount Units: ug/l




Manual Integration Results

RT: 3.91
Area: 4963
Amount: 0.923142
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:35:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

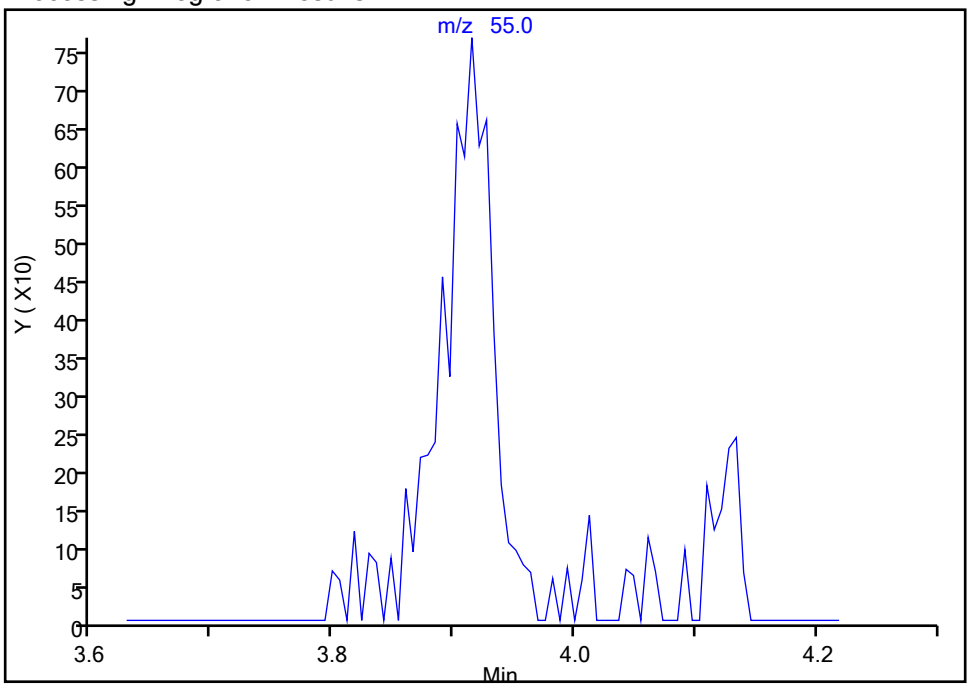
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 61 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

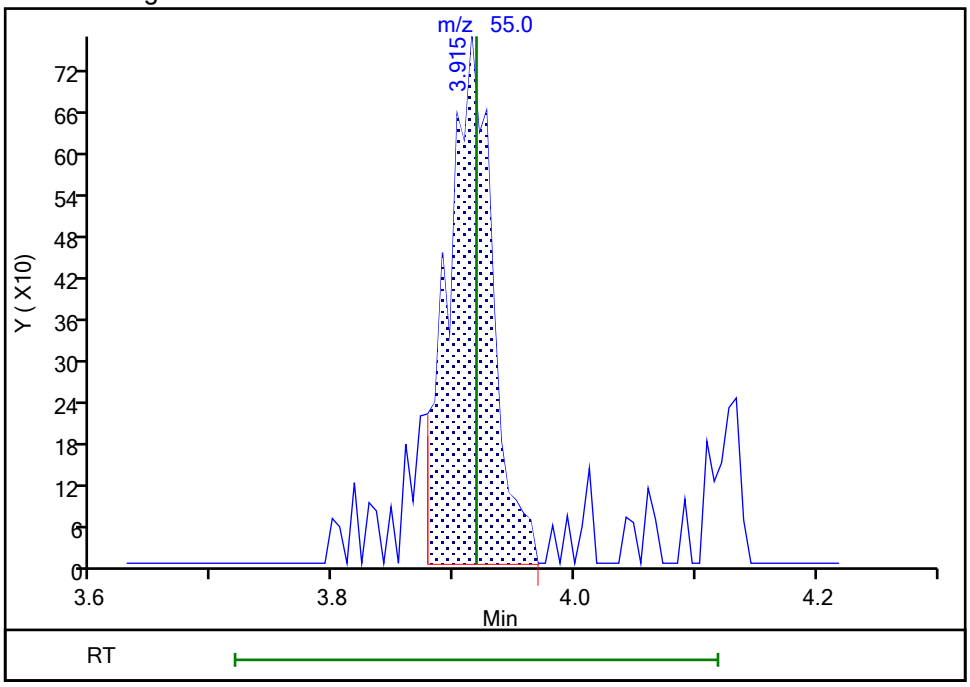
Not Detected
Expected RT: 3.92

Processing Integration Results




Manual Integration Results

RT: 3.91
Area: 1976
Amount: 1.147467
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:35:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

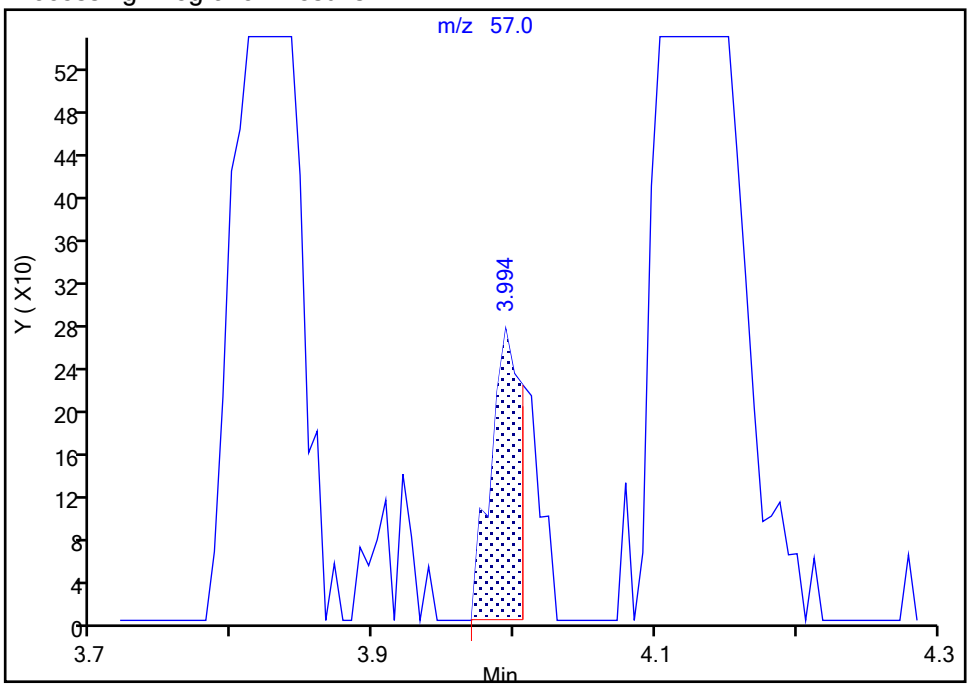
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 63 n-Heptane, CAS: 142-82-5

Signal: 1

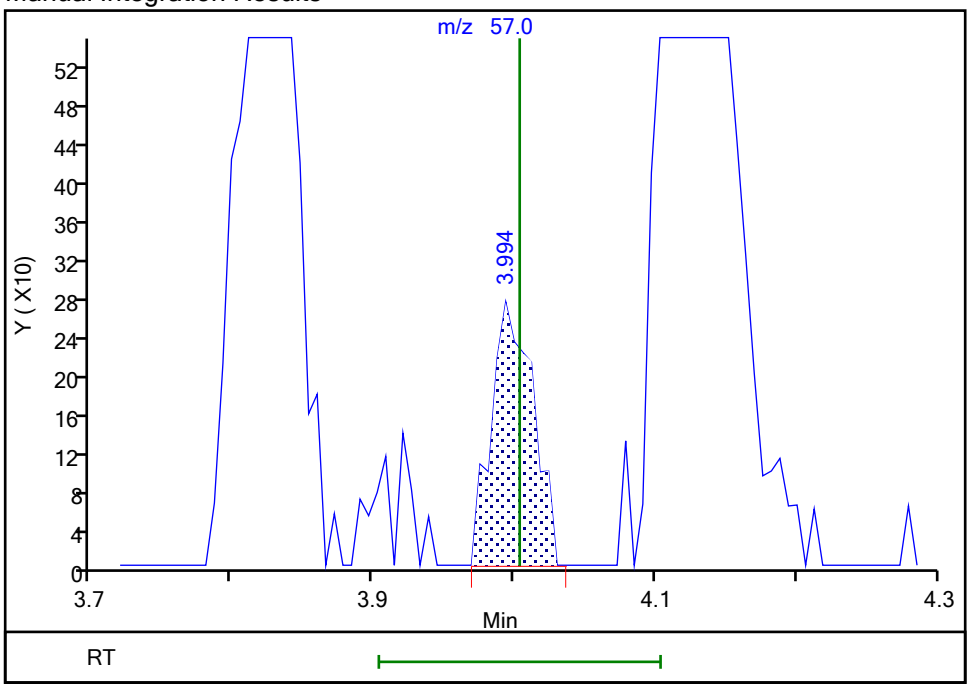
Processing Integration Results

RT: 3.99
Area: 414
Amount: 0.960902
Amount Units: ug/l




Manual Integration Results

RT: 3.99
Area: 560
Amount: 0.926777
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:35:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

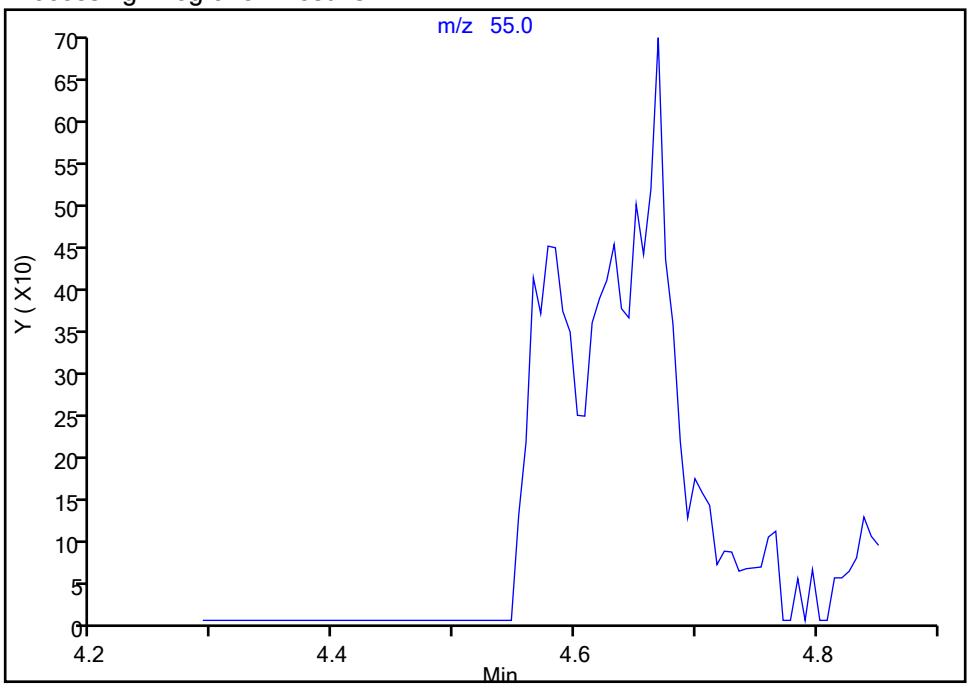
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 68 Ethyl acrylate, CAS: 140-88-5

Signal: 1

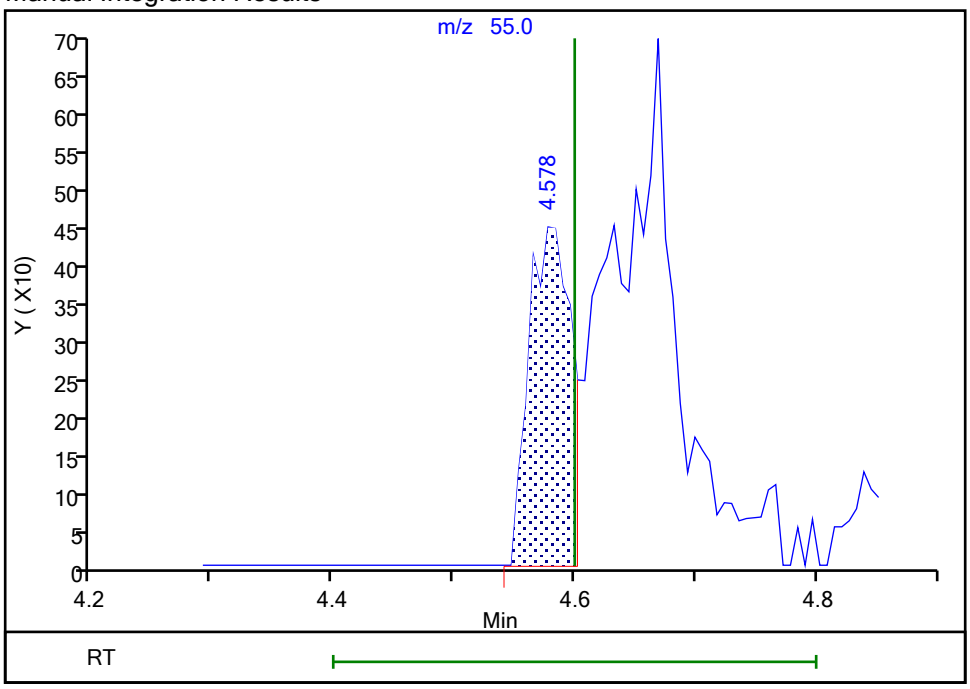
Not Detected
Expected RT: 4.60

Processing Integration Results




Manual Integration Results

RT: 4.58
Area: 1087
Amount: 1.008183
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:35:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

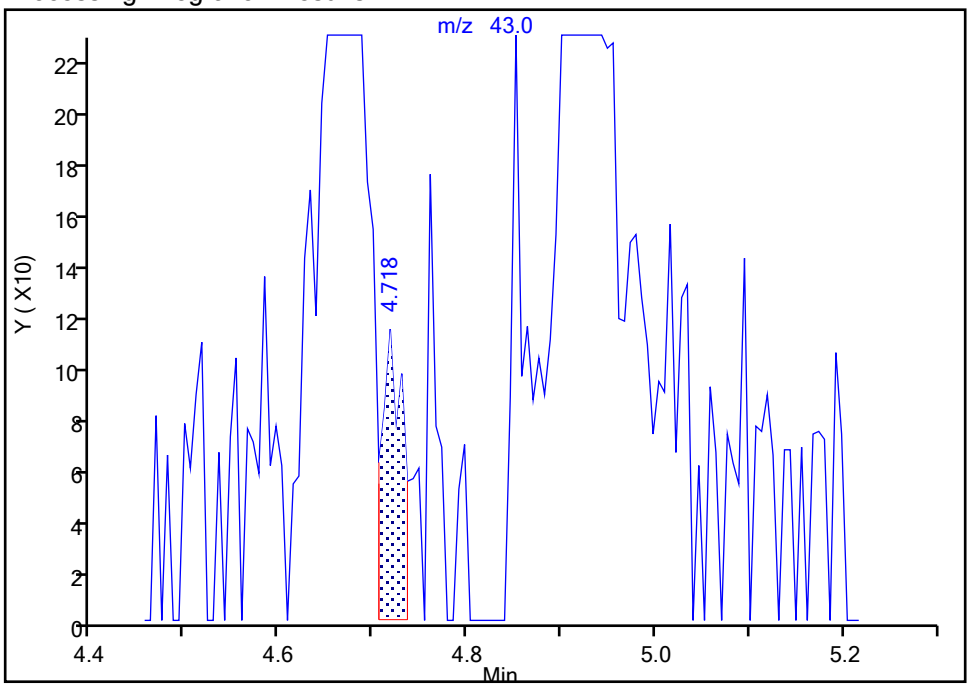
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 74 n-Propyl acetate, CAS: 109-60-4

Signal: 1

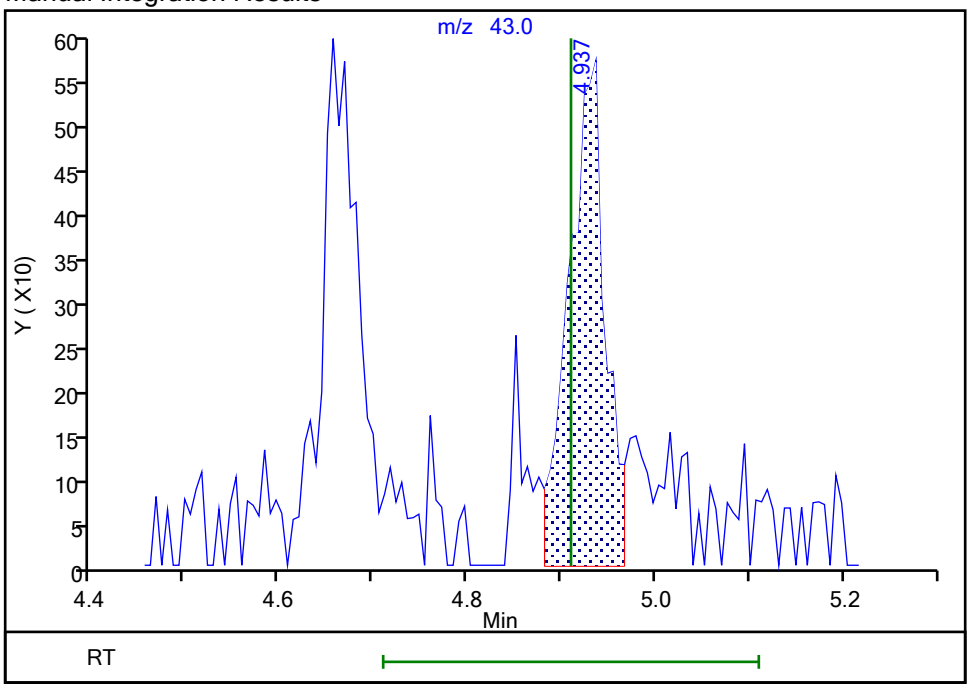
Processing Integration Results

RT: 4.72
Area: 172
Amount: 0.084502
Amount Units: ug/l




Manual Integration Results

RT: 4.94
Area: 1555
Amount: 0.758638
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:36:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

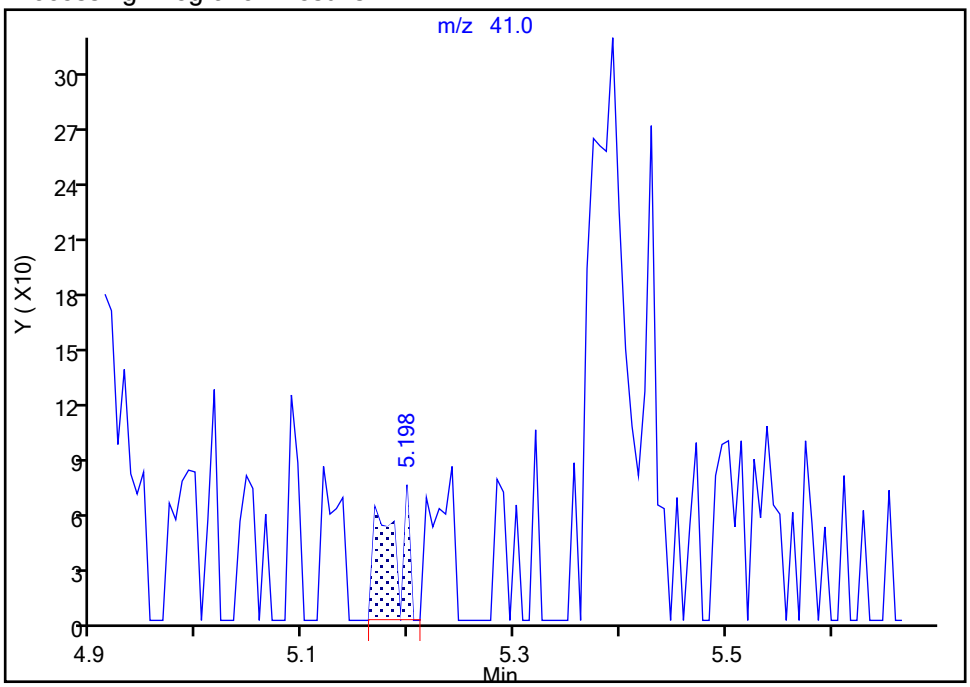
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 76 2-Nitropropane, CAS: 79-46-9

Signal: 1

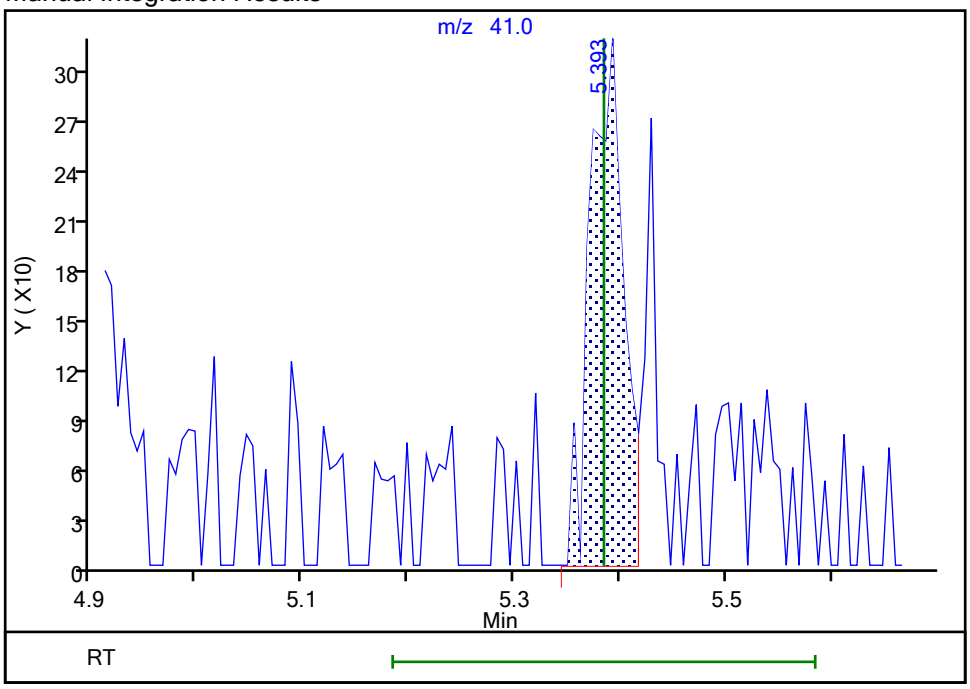
Processing Integration Results

RT: 5.20
Area: 107
Amount: 1.932222
Amount Units: ug/l




Manual Integration Results

RT: 5.39
Area: 704
Amount: 1.784095
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:36:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

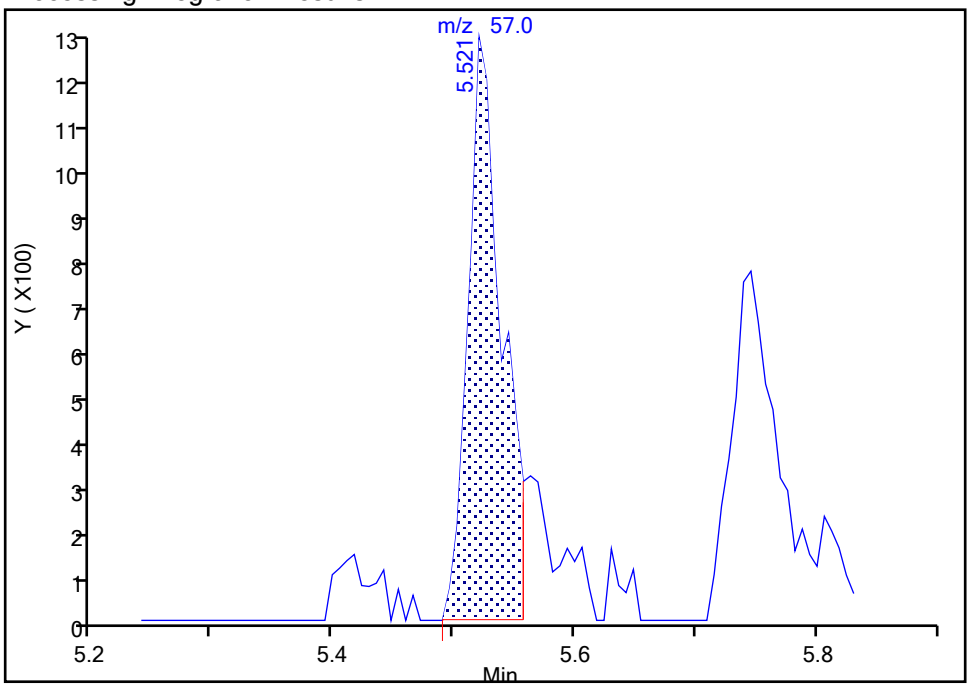
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

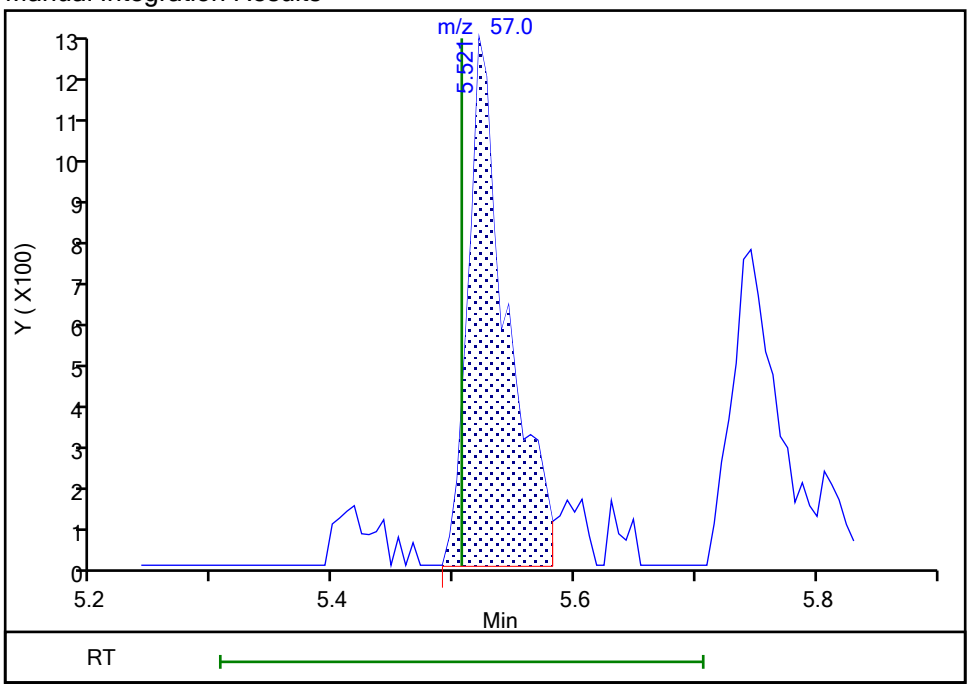
Processing Integration Results

RT: 5.52
Area: 2427
Amount: 15.565803
Amount Units: ug/l




Manual Integration Results

RT: 5.52
Area: 2756
Amount: 16.839176
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:36:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

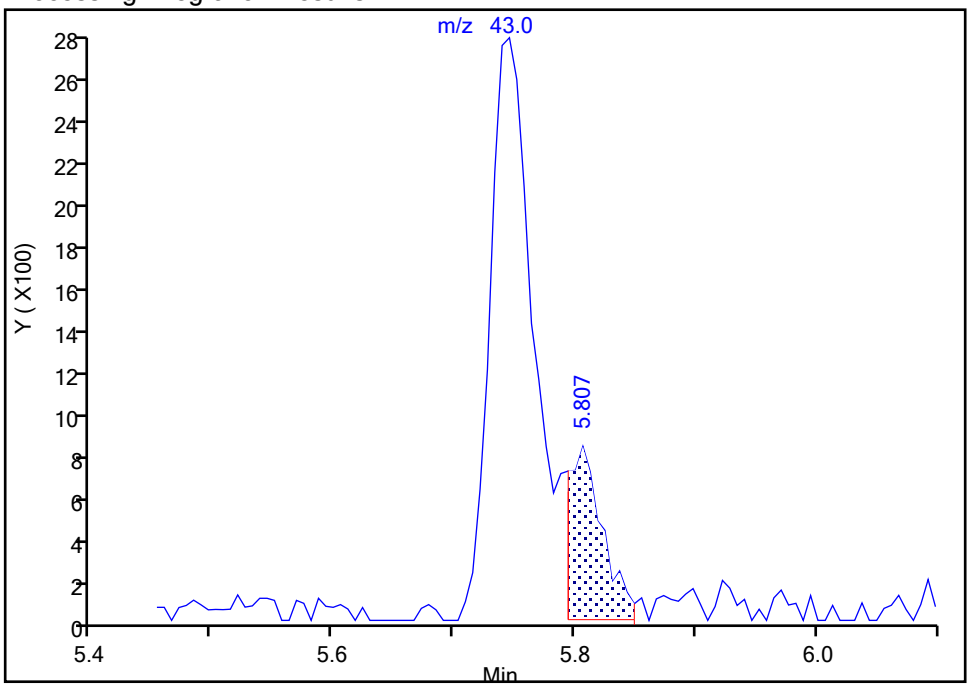
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 80 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

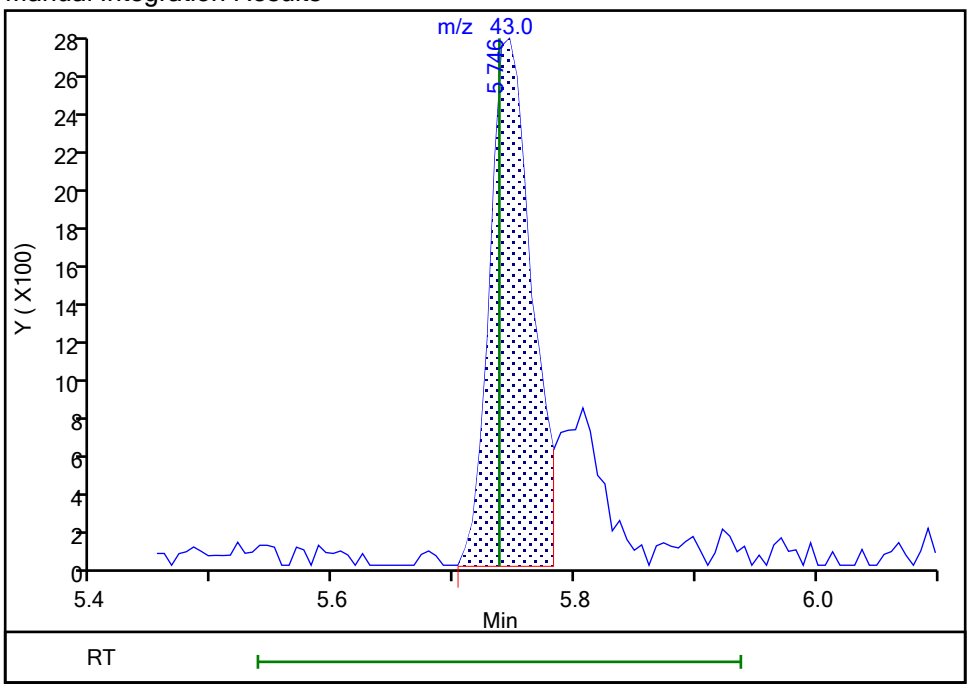
Processing Integration Results

RT: 5.81
Area: 1638
Amount: 0.857866
Amount Units: ug/l




Manual Integration Results

RT: 5.75
Area: 6709
Amount: 4.358665
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:36:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

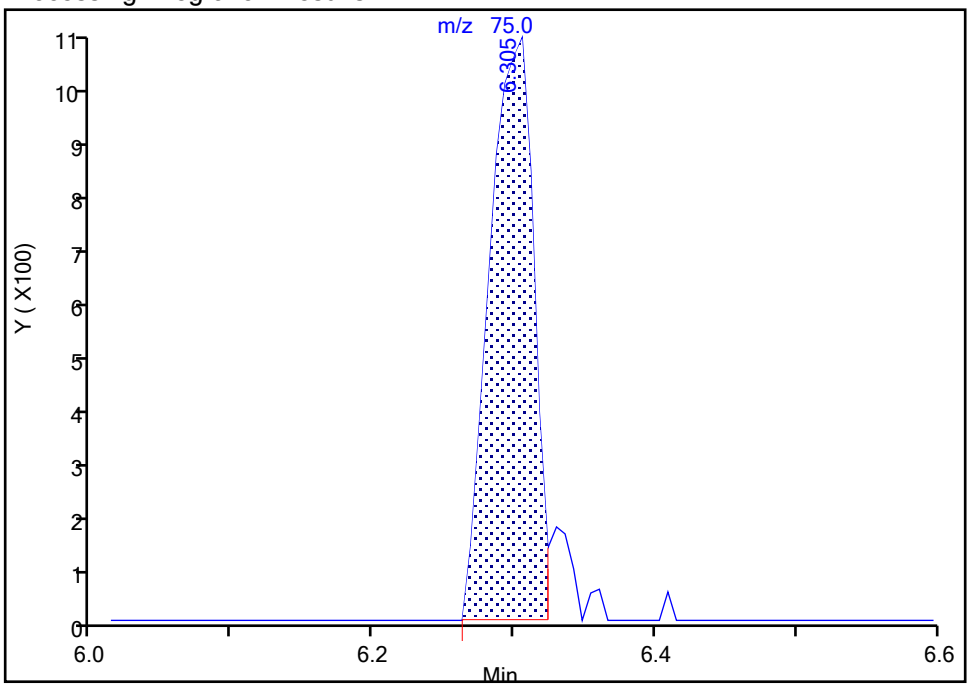
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 83 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

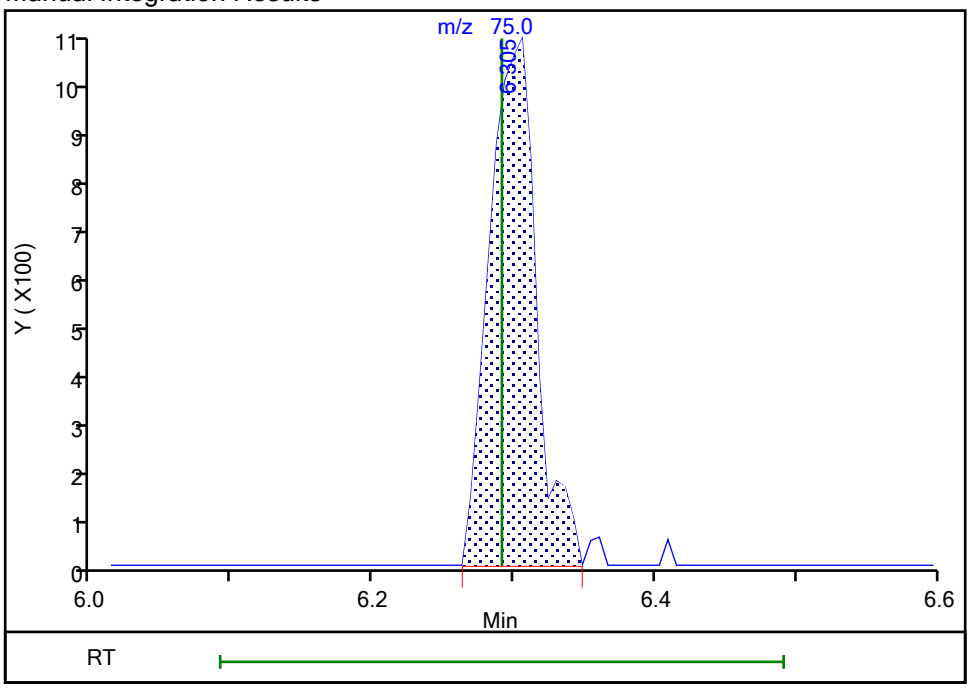
Processing Integration Results

RT: 6.31
Area: 2366
Amount: 0.786444
Amount Units: ug/l




Manual Integration Results

RT: 6.31
Area: 2523
Amount: 0.895166
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:36:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

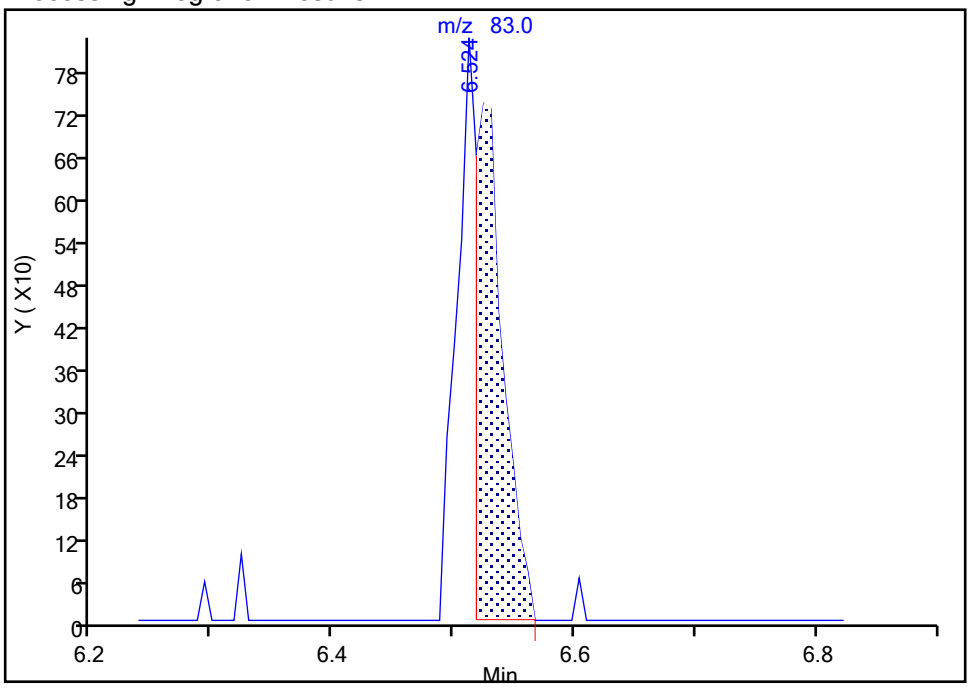
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 85 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

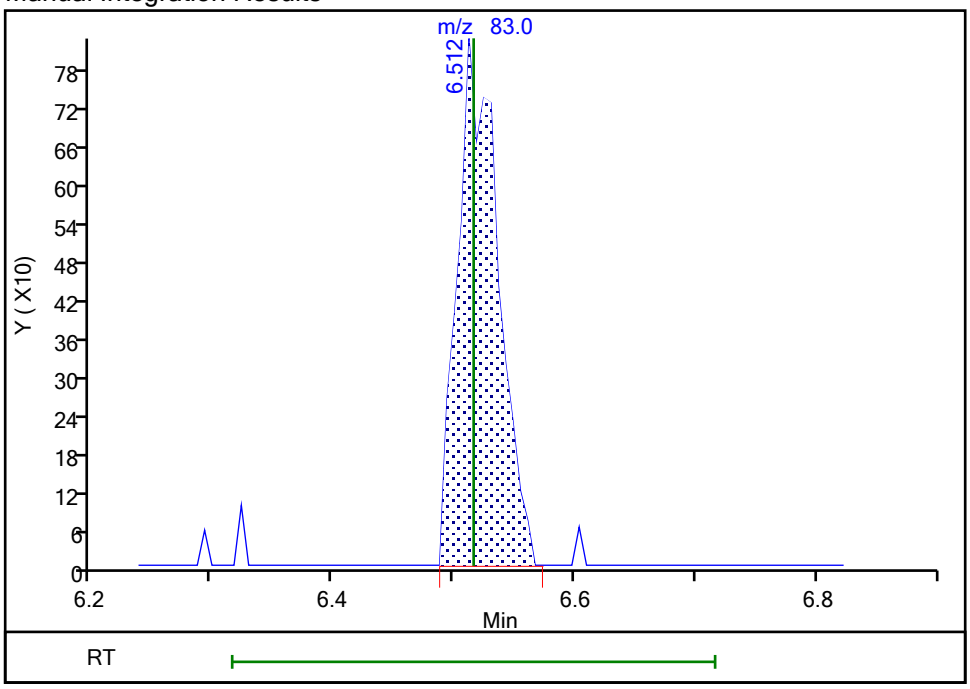
Processing Integration Results

RT: 6.52
Area: 1198
Amount: 0.670344
Amount Units: ug/l




Manual Integration Results

RT: 6.51
Area: 1934
Amount: 1.033253
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:36:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

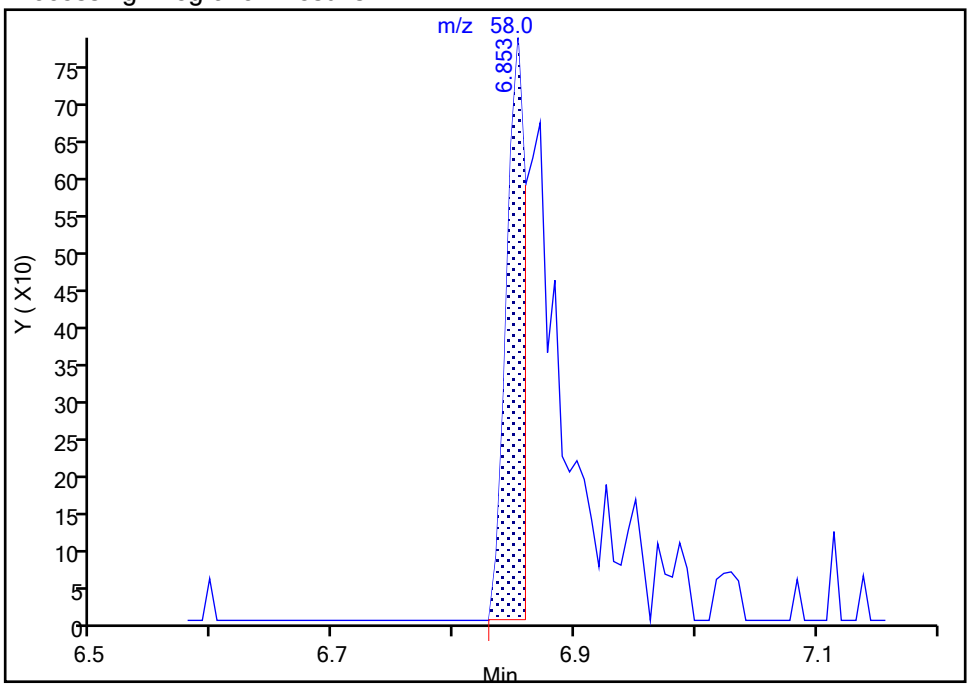
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 88 2-Hexanone, CAS: 591-78-6

Signal: 1

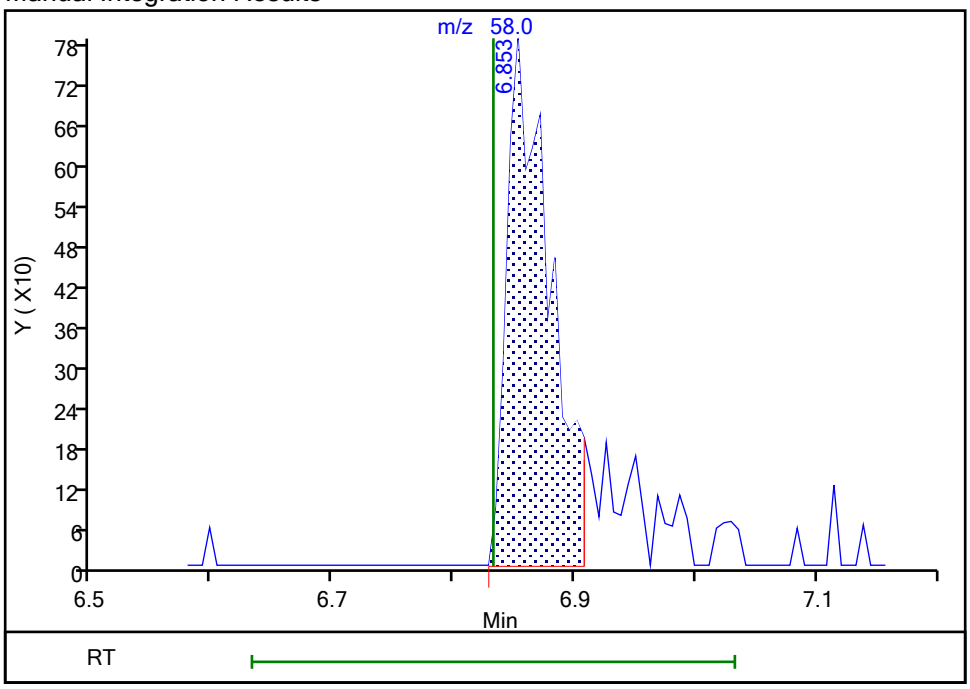
Processing Integration Results

RT: 6.85
Area: 871
Amount: 1.502157
Amount Units: ug/l




Manual Integration Results

RT: 6.85
Area: 1938
Amount: 3.538922
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:36:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

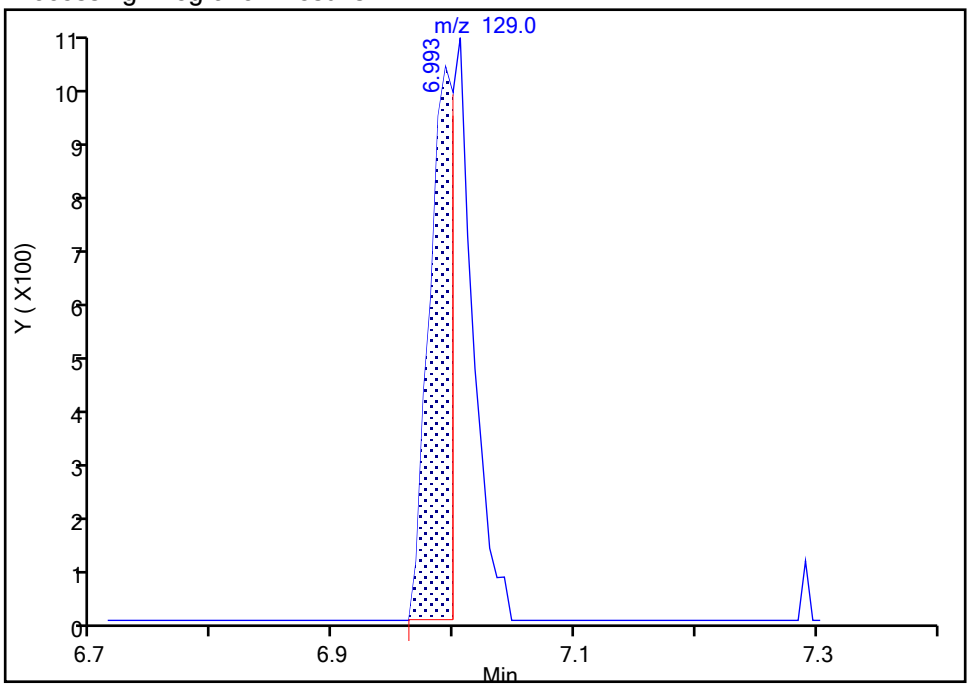
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 90 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

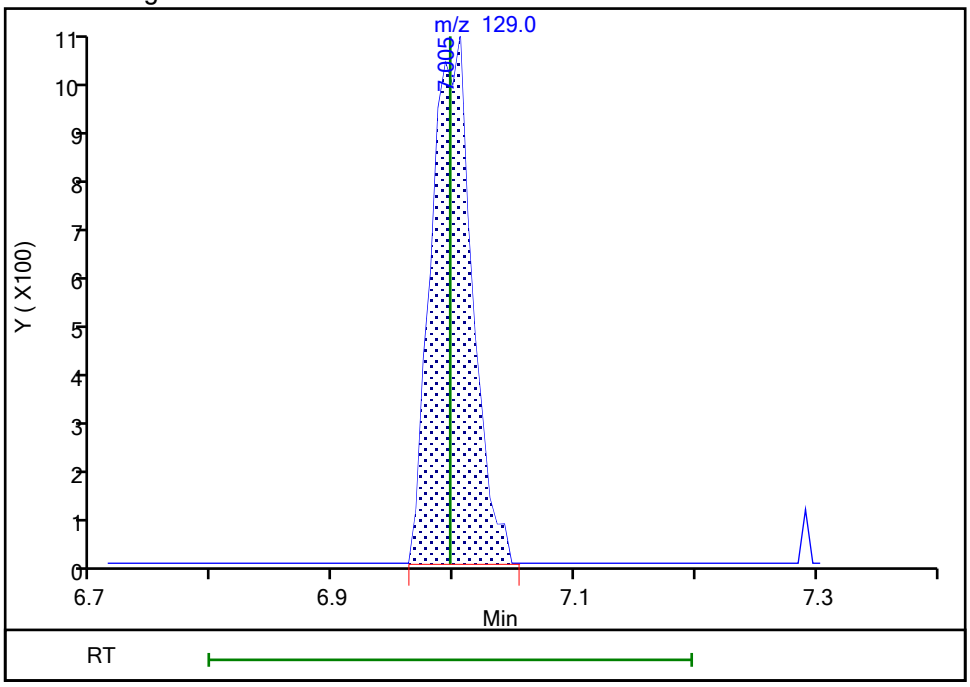
Processing Integration Results

RT: 6.99
Area: 1443
Amount: 0.522420
Amount Units: ug/l




Manual Integration Results

RT: 7.01
Area: 2455
Amount: 0.940143
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:37:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

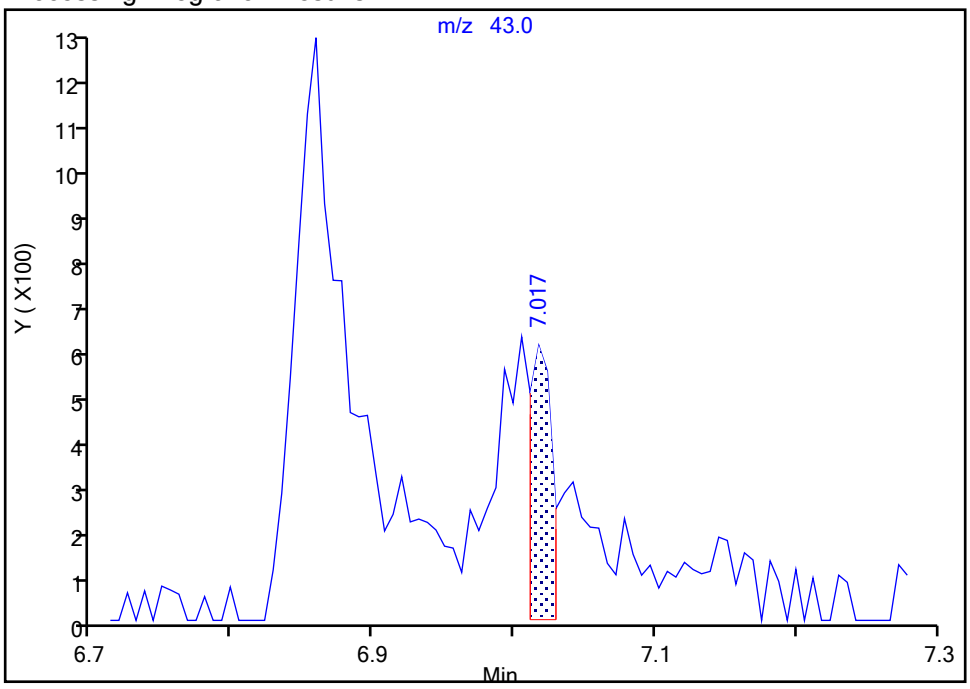
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20686.D
Injection Date: 26-Jul-2025 16:02:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 89 n-Butyl acetate, CAS: 123-86-4

Signal: 1

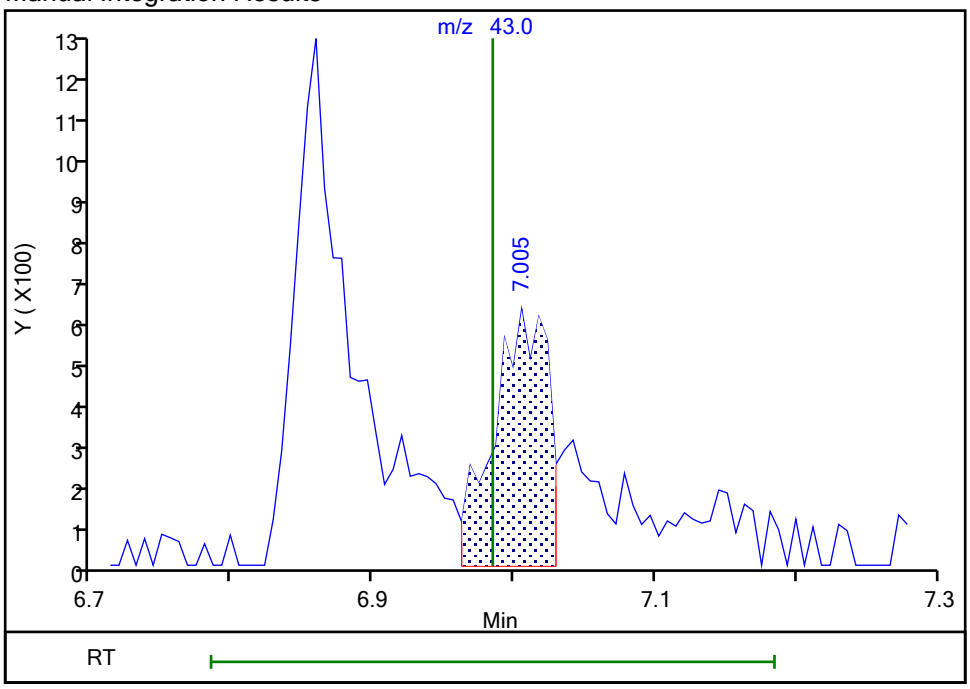
Processing Integration Results

RT: 7.02
Area: 662
Amount: 0.324346
Amount Units: ug/l




Manual Integration Results

RT: 7.01
Area: 1618
Amount: 0.857504
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:37:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20687.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 26-Jul-2025 16:25:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0194147-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub82

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:37:56 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 26-Jul-2025 16:49:22

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 118 | 1.065 | 1.065 | 0.000 | 41 | 1494 | 5.00 | 5.26 | M |
| 2 Dichlorodifluoromethane | 85 | 1.089 | 1.090 | -0.001 | 98 | 16183 | 5.00 | 4.44 | |
| 3 Chlorodifluoromethane | 67 | 1.108 | 1.102 | 0.006 | 97 | 1971 | 5.00 | 5.00 | |
| 4 Chloromethane | 50 | 1.223 | 1.217 | 0.006 | 100 | 10701 | 5.00 | 4.46 | |
| 5 Vinyl chloride | 62 | 1.272 | 1.266 | 0.006 | 96 | 8701 | 5.00 | 4.24 | |
| 6 Butadiene | 54 | 1.272 | 1.272 | 0.000 | 94 | 7245 | 5.00 | 4.19 | |
| 7 Bromomethane | 94 | 1.479 | 1.473 | 0.006 | 99 | 9760 | 5.00 | 4.82 | |
| 8 Chloroethane | 64 | 1.515 | 1.515 | 0.000 | 98 | 5188 | 5.00 | 4.84 | |
| 9 Dichlorofluoromethane | 67 | 1.637 | 1.631 | 0.006 | 95 | 16758 | 5.00 | 4.76 | |
| 10 Trichlorofluoromethane | 101 | 1.631 | 1.631 | 0.000 | 97 | 15741 | 5.00 | 4.68 | |
| 11 Pentane | 43 | 1.661 | 1.655 | 0.006 | 96 | 13090 | 10.0 | 9.63 | |
| 12 Ethanol | 46 | 1.759 | 1.765 | -0.006 | 75 | 1215 | 200.0 | 180.8 | |
| 13 Ethyl ether | 59 | 1.795 | 1.789 | 0.006 | 95 | 8417 | 5.00 | 4.95 | |
| 14 2-Methyl-1,3-butadiene | 53 | 1.807 | 1.807 | 0.000 | 94 | 7037 | 5.00 | 4.68 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.819 | 1.820 | -0.001 | 93 | 10745 | 5.00 | 4.78 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.862 | 1.862 | 0.000 | 95 | 15171 | 5.00 | 4.84 | a |
| 18 Acrolein | 56 | 1.917 | 1.917 | 0.000 | 95 | 6093 | 20.0 | 18.9 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.911 | 1.917 | -0.006 | 93 | 8693 | 5.00 | 4.66 | |
| 19 1,1-Dichloroethene | 96 | 1.941 | 1.941 | 0.000 | 95 | 9952 | 5.00 | 4.25 | |
| 20 Acetone | 43 | 2.002 | 2.002 | 0.000 | 88 | 13563 | 25.0 | 24.7 | |
| 21 Iodomethane | 142 | 2.057 | 2.057 | 0.000 | 98 | 29535 | 5.00 | 4.85 | |
| 22 Isopropyl alcohol | 45 | 2.069 | 2.069 | 0.000 | 99 | 5769 | 50.0 | 49.7 | |
| 23 Carbon disulfide | 76 | 2.087 | 2.081 | 0.006 | 100 | 39651 | 5.00 | 4.77 | |
| 24 3-Chloro-1-propene | 76 | 2.172 | 2.172 | 0.000 | 93 | 10505 | 5.00 | 4.96 | |
| 25 Methyl acetate | 43 | 2.184 | 2.179 | 0.005 | 99 | 16290 | 10.0 | 10.1 | |
| 26 Cyclopentene | 67 | 2.191 | 2.191 | -0.001 | 94 | 33295 | 5.00 | 4.92 | |
| 27 Acetonitrile | 41 | 2.227 | 2.221 | 0.006 | 96 | 13709 | 50.0 | 55.1 | |
| * 28 TBA-d9 (IS) | 65 | 2.264 | 2.264 | 0.000 | 78 | 217168 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.270 | 2.270 | 0.000 | 84 | 16055 | 5.00 | 5.02 | |
| 30 2-Methyl-2-propanol | 59 | 2.312 | 2.318 | -0.006 | 98 | 10893 | 50.0 | 50.3 | |

| 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 | 2.391 | 2.391 | 0.000 | 97 | 35735 | 5.00 | 5.10 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.416 | 2.416 | 0.000 | 89 | 16685 | 5.00 | 4.90 | |
| 33 Acrylonitrile | 53 | 2.470 | 2.471 | -0.001 | 95 | 46053 | 50.0 | 50.7 | |
| 34 Hexane | 57 | 2.531 | 2.531 | 0.000 | 90 | 6025 | 5.00 | 4.69 | |
| 35 Isopropyl ether | 45 | 2.702 | 2.702 | 0.000 | 97 | 33114 | 5.00 | 4.99 | |
| 36 1,1-Dichloroethane | 63 | 2.732 | 2.732 | 0.000 | 98 | 24663 | 5.00 | 4.96 | |
| 37 Vinyl acetate | 43 | 2.744 | 2.738 | 0.006 | 100 | 36804 | 10.0 | 9.44 | |
| 38 2-Chloro-1,3-butadiene | 88 | 2.768 | 2.769 | -0.001 | 84 | 12780 | 5.00 | 4.78 | |
| 39 Tert-butyl ethyl ether | 59 | 2.963 | 2.963 | 0.000 | 90 | 34623 | 5.00 | 4.99 | |
| * 40 2-Butanone-d5 | 46 | 3.133 | 3.134 | -0.001 | 91 | 207932 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.146 | 3.140 | 0.006 | 50 | 5302 | 5.00 | 4.85 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.170 | 3.170 | 0.000 | 91 | 18420 | 5.00 | 4.97 | |
| 43 2-Butanone (MEK) | 72 | 3.188 | 3.182 | 0.006 | 97 | 7534 | 25.0 | 27.9 | |
| 44 Ethyl acetate | 70 | 3.188 | 3.188 | 0.000 | 95 | 2500 | 10.0 | 10.1 | |
| 45 Methyl acrylate | 55 | 3.237 | 3.237 | 0.000 | 98 | 8034 | 5.00 | 4.55 | |
| 46 Propionitrile | 54 | 3.304 | 3.298 | 0.006 | 98 | 15179 | 50.0 | 48.7 | |
| 47 Chlorobromomethane | 128 | 3.371 | 3.365 | 0.006 | 78 | 10172 | 5.00 | 4.94 | |
| 48 Tetrahydrofuran | 72 | 3.377 | 3.371 | 0.006 | 31 | 3289 | 10.0 | 9.76 | |
| 49 Methacrylonitrile | 67 | 3.389 | 3.383 | 0.006 | 88 | 53700 | 50.0 | 52.6 | |
| 50 Chloroform | 83 | 3.413 | 3.414 | -0.001 | 97 | 27447 | 5.00 | 4.94 | |
| 51 Cyclohexane | 84 | 3.523 | 3.523 | 0.000 | 92 | 9731 | 5.00 | 4.74 | |
| 52 1,1,1-Trichloroethane | 97 | 3.541 | 3.535 | 0.006 | 97 | 19294 | 5.00 | 4.97 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.553 | 3.553 | 0.000 | 96 | 161857 | 50.0 | 53.1 | |
| 54 Carbon tetrachloride | 117 | 3.644 | 3.645 | -0.001 | 94 | 15608 | 5.00 | 4.63 | |
| 55 1,1-Dichloropropene | 75 | 3.675 | 3.675 | 0.000 | 95 | 16636 | 5.00 | 4.62 | |
| 56 Isobutyl alcohol | 43 | 3.827 | 3.815 | 0.012 | 62 | 6207 | 125.0 | 92.7 | a |
| 57 Isooctane | 57 | 3.827 | 3.821 | 0.006 | 87 | 11199 | 5.00 | 4.58 | |
| 58 Benzene | 78 | 3.851 | 3.852 | -0.001 | 95 | 53358 | 5.00 | 4.99 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.870 | 3.870 | 0.000 | 0 | 122963 | 50.0 | 53.5 | |
| 60 Isopropyl acetate | 43 | 3.912 | 3.912 | 0.000 | 77 | 27779 | 5.00 | 5.06 | |
| 61 Tert-amyl methyl ether | 55 | 3.918 | 3.918 | 0.000 | 89 | 10780 | 5.00 | 6.13 | |
| 62 1,2-Dichloroethane | 62 | 3.949 | 3.943 | 0.006 | 97 | 15741 | 5.00 | 4.83 | |
| 63 n-Heptane | 57 | 4.009 | 4.004 | 0.005 | 91 | 2673 | 5.00 | 4.33 | |
| * 64 Fluorobenzene | 96 | 4.125 | 4.125 | 0.000 | 100 | 535745 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.472 | 4.472 | 0.000 | 96 | 14913 | 5.00 | 4.78 | |
| 67 Methylcyclohexane | 83 | 4.581 | 4.582 | -0.001 | 93 | 8203 | 5.00 | 4.55 | |
| 68 Ethyl acrylate | 55 | 4.606 | 4.600 | 0.006 | 97 | 14210 | 5.00 | 4.82 | a |
| 69 1,2-Dichloropropane | 63 | 4.752 | 4.752 | 0.000 | 93 | 11396 | 5.00 | 4.73 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.825 | 4.819 | 0.006 | 0 | 20686 | 1000.0 | 1000.0 | |
| 71 Methyl methacrylate | 100 | 4.843 | 4.843 | 0.000 | 82 | 4781 | 10.0 | 9.13 | |
| 72 Dibromomethane | 93 | 4.885 | 4.880 | 0.005 | 97 | 10544 | 5.00 | 4.88 | |
| 73 1,4-Dioxane | 88 | 4.873 | 4.886 | -0.013 | 38 | 2321 | 100.0 | 75.7 | |
| 74 n-Propyl acetate | 43 | 4.910 | 4.910 | 0.000 | 96 | 9893 | 5.00 | 4.73 | |
| 75 Dichlorobromomethane | 83 | 5.044 | 5.044 | 0.000 | 97 | 17045 | 5.00 | 4.95 | |
| 76 2-Nitropropane | 41 | 5.390 | 5.385 | 0.005 | 84 | 3745 | 10.0 | 9.20 | |
| 77 2-Chloroethyl vinyl ether | 63 | 5.409 | 5.403 | 0.006 | 92 | 5387 | 5.01 | 4.21 | |
| 78 Epichlorohydrin | 57 | 5.512 | 5.506 | 0.006 | 98 | 15644 | 100.0 | 95.0 | |
| 79 cis-1,3-Dichloropropene | 75 | 5.561 | 5.561 | 0.000 | 88 | 17990 | 5.00 | 4.82 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.737 | 5.737 | 0.000 | 95 | 40859 | 25.0 | 26.4 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.810 | 5.804 | 0.006 | 99 | 389235 | 50.0 | 54.1 | |
| 82 Toluene | 91 | 5.889 | 5.889 | 0.000 | 92 | 45531 | 5.00 | 4.96 | |
| 83 trans-1,3-Dichloropropene | 75 | 6.291 | 6.291 | 0.000 | 94 | 13834 | 5.00 | 4.83 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 Ethyl methacrylate | 69 | 6.346 | 6.334 | 0.012 | 85 | 9632 | 5.00 | 4.50 | |
| 85 1,1,2-Trichloroethane | 83 | 6.516 | 6.516 | 0.000 | 95 | 9216 | 5.00 | 4.85 | |
| 86 Tetrachloroethene | 166 | 6.546 | 6.546 | 0.000 | 95 | 10160 | 5.00 | 4.76 | |
| 87 1,3-Dichloropropane | 76 | 6.741 | 6.741 | 0.000 | 90 | 14689 | 5.00 | 4.90 | |
| 88 2-Hexanone | 58 | 6.844 | 6.832 | 0.012 | 91 | 13176 | 25.0 | 23.9 | |
| 89 n-Butyl acetate | 43 | 6.996 | 6.984 | 0.012 | 72 | 8966 | 5.00 | 4.68 | |
| 90 Chlorodibromomethane | 129 | 6.996 | 6.997 | -0.001 | 97 | 13562 | 5.00 | 5.11 | |
| 91 Ethylene Dibromide | 107 | 7.155 | 7.149 | 0.006 | 99 | 12425 | 5.00 | 5.00 | |
| * 92 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 81 | 333184 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.806 | 7.800 | 0.006 | 98 | 28767 | 5.00 | 4.90 | |
| 94 Ethylbenzene | 106 | 7.915 | 7.921 | -0.006 | 97 | 11846 | 5.00 | 4.89 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.933 | 7.934 | -0.001 | 98 | 12271 | 5.00 | 5.03 | |
| 96 m-Xylene & p-Xylene | 106 | 8.079 | 8.080 | -0.001 | 0 | 13964 | 5.00 | 4.85 | |
| 97 o-Xylene | 106 | 8.548 | 8.548 | 0.000 | 95 | 15889 | 5.00 | 5.02 | |
| 98 n-Butyl acrylate | 73 | 8.584 | 8.578 | 0.006 | 65 | 6484 | 5.00 | 5.19 | |
| 99 Styrene | 104 | 8.590 | 8.584 | 0.006 | 98 | 23069 | 5.00 | 4.74 | |
| 100 Bromoform | 173 | 8.803 | 8.803 | 0.000 | 96 | 7266 | 5.00 | 4.53 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.834 | 8.828 | 0.006 | 90 | 13562 | 5.00 | 5.10 | |
| 137 (-)-a-Pinene | 93 | 8.864 | 8.864 | 0.000 | 0 | 5922 | 5.00 | 4.15 | |
| 102 Isopropylbenzene | 105 | 8.943 | 8.943 | 0.000 | 94 | 27345 | 5.00 | 5.06 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.144 | 9.150 | -0.006 | 98 | 100329 | 50.0 | 54.5 | |
| 104 Bromobenzene | 156 | 9.272 | 9.272 | 0.000 | 90 | 12680 | 5.00 | 4.70 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.351 | 9.351 | 0.000 | 99 | 14515 | 5.00 | 4.97 | |
| 106 N-Propylbenzene | 91 | 9.363 | 9.363 | 0.000 | 99 | 29697 | 5.00 | 4.75 | |
| 107 1,2,3-Trichloropropane | 110 | 9.387 | 9.387 | 0.000 | 95 | 3561 | 5.00 | 4.91 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.418 | 9.418 | 0.000 | 84 | 1671 | 5.00 | 4.15 | |
| 109 2-Chlorotoluene | 91 | 9.460 | 9.454 | 0.006 | 95 | 26291 | 5.00 | 4.80 | |
| 110 4-Ethyltoluene | 105 | 9.478 | 9.479 | -0.001 | 98 | 25474 | 5.00 | 4.69 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.545 | 9.546 | -0.001 | 91 | 22147 | 5.00 | 4.72 | |
| 112 4-Chlorotoluene | 91 | 9.576 | 9.570 | 0.006 | 94 | 25090 | 5.00 | 4.71 | |
| 113 Butyl Methacrylate | 87 | 9.667 | 9.667 | 0.000 | 82 | 9677 | 5.00 | 4.20 | |
| 114 tert-Butylbenzene | 119 | 9.825 | 9.825 | 0.000 | 95 | 16930 | 5.00 | 4.61 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.886 | 9.886 | 0.000 | 96 | 23175 | 5.00 | 4.63 | |
| 116 sec-Butylbenzene | 105 | 10.026 | 10.026 | 0.000 | 99 | 22547 | 5.00 | 4.54 | |
| 117 1,3-Dichlorobenzene | 146 | 10.148 | 10.148 | 0.000 | 98 | 17139 | 5.00 | 4.89 | |
| 118 4-Isopropyltoluene | 119 | 10.160 | 10.160 | 0.000 | 98 | 19308 | 5.00 | 4.43 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.215 | 10.215 | 0.000 | 93 | 158076 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.239 | 10.233 | 0.006 | 91 | 18021 | 5.00 | 4.91 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.257 | 10.257 | 0.000 | 97 | 28319 | 5.00 | 4.89 | |
| 122 Benzyl chloride | 91 | 10.367 | 10.367 | 0.000 | 99 | 18791 | 5.00 | 4.55 | |
| 123 2,3-Dihydroindene | 117 | 10.421 | 10.422 | -0.001 | 94 | 27916 | 5.00 | 4.78 | |
| 124 p-Diethylbenzene | 119 | 10.482 | 10.482 | 0.000 | 93 | 11713 | 5.00 | 4.68 | |
| 125 n-Butylbenzene | 92 | 10.507 | 10.507 | 0.000 | 95 | 8696 | 5.00 | 4.40 | |
| 126 1,2-Dichlorobenzene | 146 | 10.549 | 10.549 | 0.000 | 97 | 18053 | 5.00 | 4.64 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.115 | 11.115 | 0.000 | 97 | 21168 | 5.00 | 4.80 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.194 | 11.194 | 0.000 | 87 | 3323 | 5.00 | 4.70 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.304 | 11.304 | 0.000 | 96 | 9061 | 5.00 | 4.65 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.784 | 11.784 | 0.000 | 94 | 8669 | 5.00 | 4.56 | |
| 131 Hexachlorobutadiene | 225 | 11.863 | 11.863 | 0.000 | 92 | 3062 | 5.00 | 4.50 | |
| 132 Naphthalene | 128 | 11.961 | 11.961 | 0.000 | 99 | 34470 | 5.00 | 4.87 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.137 | 12.137 | 0.000 | 97 | 8042 | 5.00 | 4.80 | |
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 9.87 | |

| 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 | 9.86 | |
| S 136 Total BTEX | 1 | | | | 0 | | 25.0 | 24.7 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00209 | Amount Added: 10.00 | Units: uL | | |
| 524FREONS_00037 | Amount Added: 10.00 | Units: uL | | |
| ACROLEIN W_00186 | Amount Added: 4.00 | Units: uL | | |
| GASES Li_00653 | Amount Added: 10.00 | Units: uL | | |
| alpha-Pinene_00012 | Amount Added: 10.00 | Units: uL | | |
| 8260ISNEW_00210 | Amount Added: 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00255 | Amount Added: 1.00 | Units: uL | Run Reagent | |

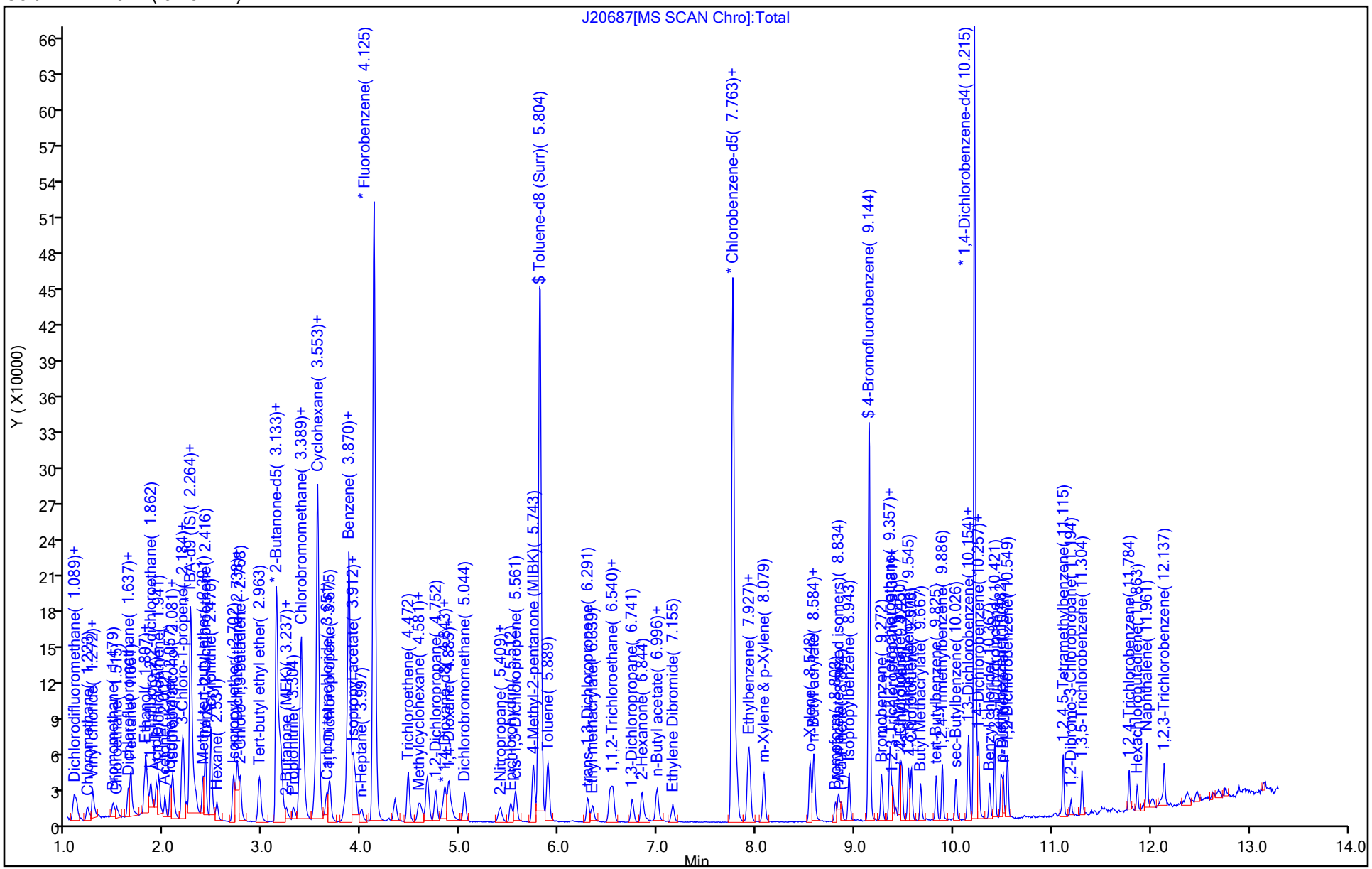
Report Date: 27-Jul-2025 13:37:57 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20687.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 16:25:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | STD5 | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

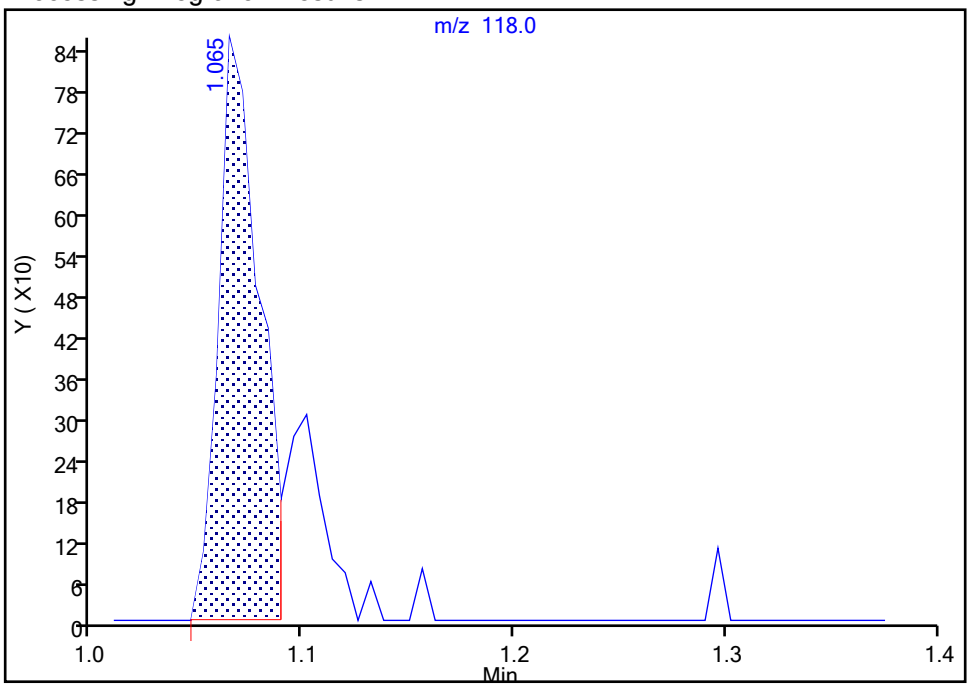
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20687.D
Injection Date: 26-Jul-2025 16:25:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

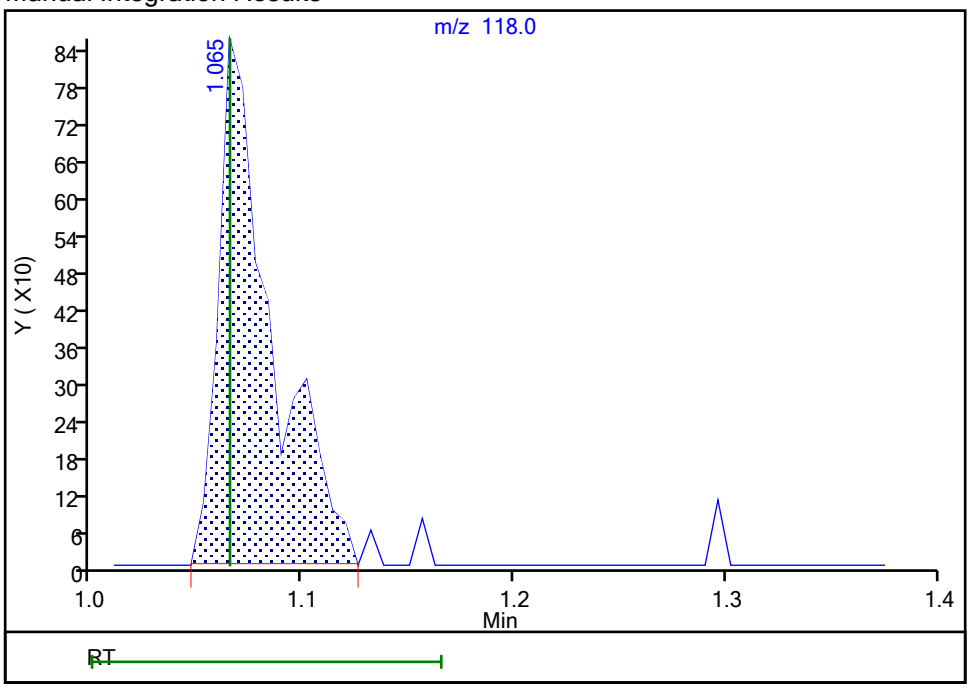
Processing Integration Results

RT: 1.07
Area: 1165
Amount: 3.861458
Amount Units: ug/l




Manual Integration Results

RT: 1.07
Area: 1494
Amount: 5.264056
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:50:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

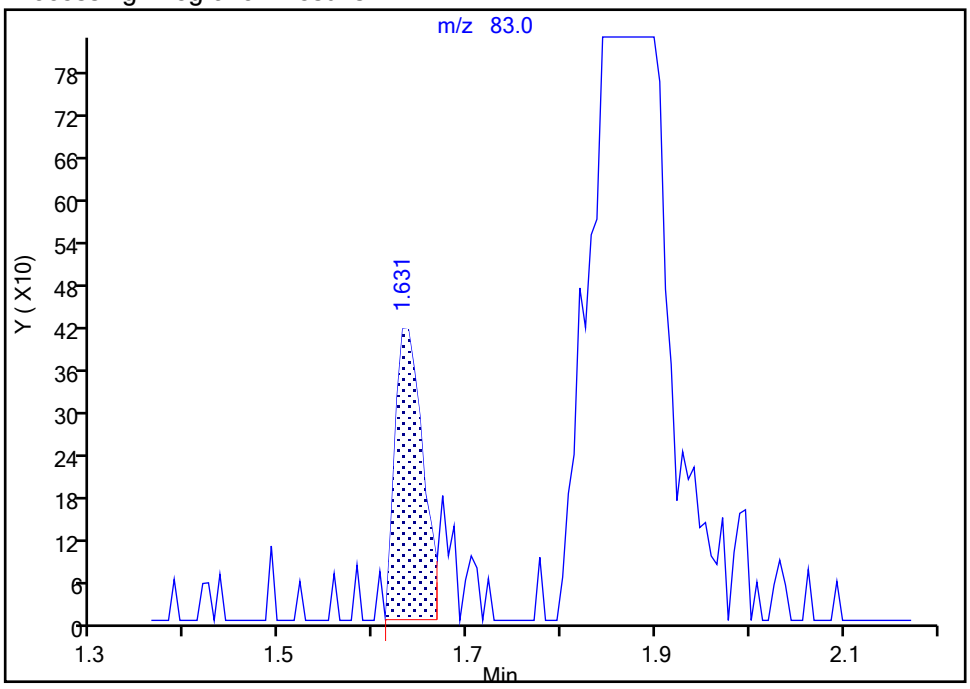
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20687.D
Injection Date: 26-Jul-2025 16:25:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

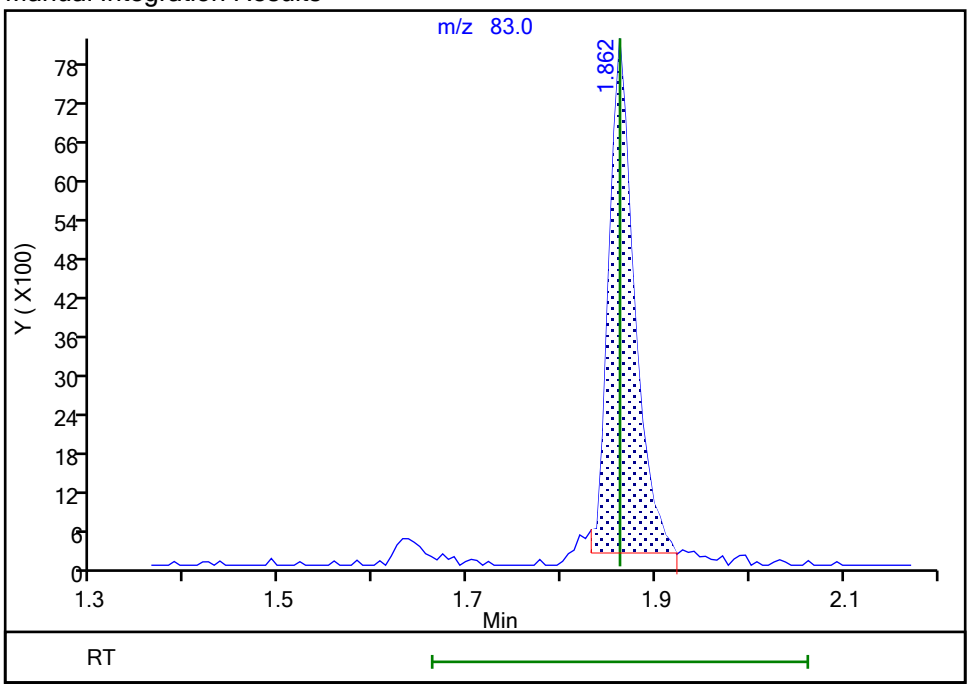
Processing Integration Results

RT: 1.63
Area: 847
Amount: 0.250502
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 15171
Amount: 4.837239
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:48:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

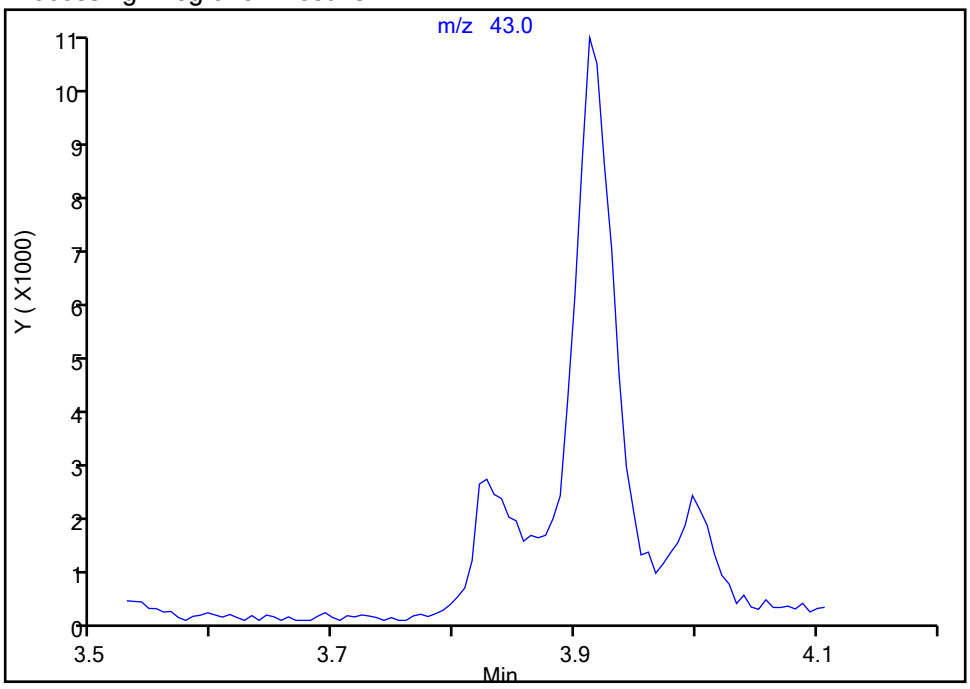
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20687.D
Injection Date: 26-Jul-2025 16:25:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

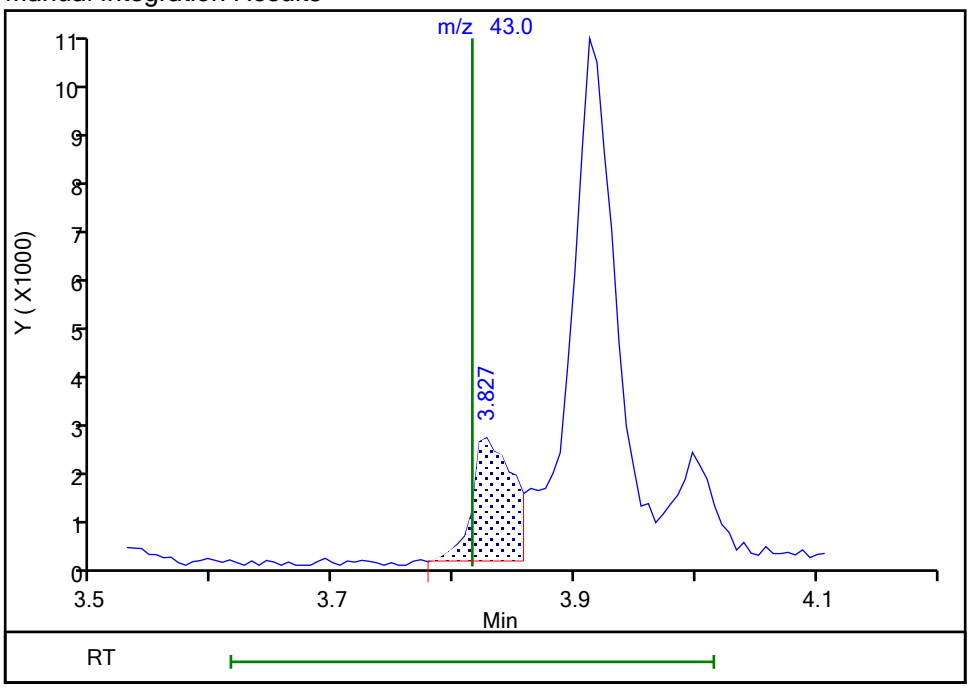
Not Detected
Expected RT: 3.82

Processing Integration Results




Manual Integration Results

RT: 3.83
Area: 6207
Amount: 92.675107
Amount Units: ug/l




Reviewer: NN6A, 26-Jul-2025 16:48:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

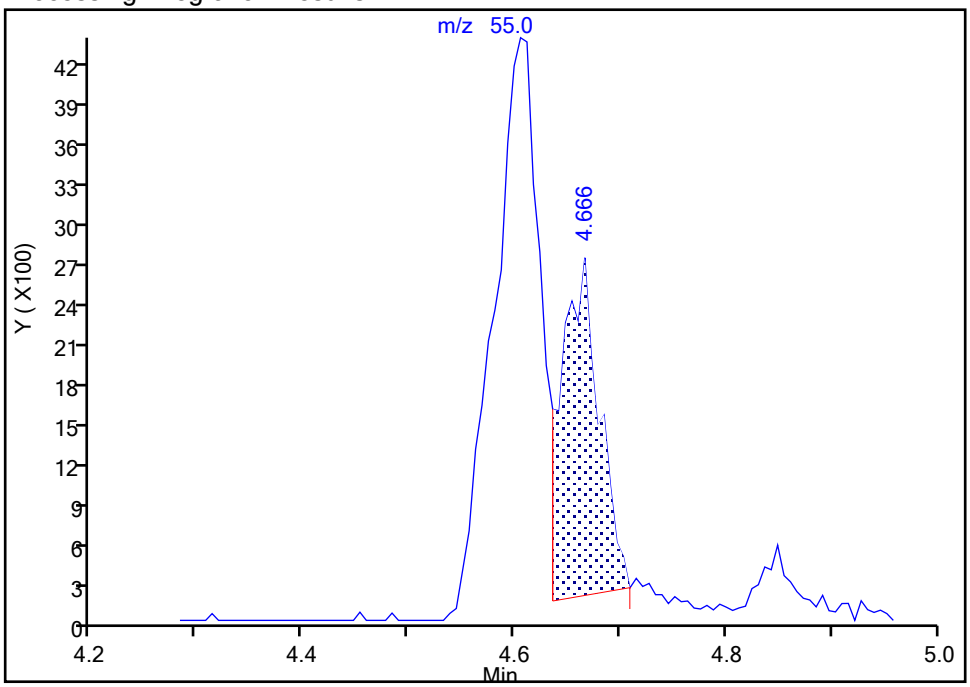
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20687.D
Injection Date: 26-Jul-2025 16:25:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 68 Ethyl acrylate, CAS: 140-88-5

Signal: 1

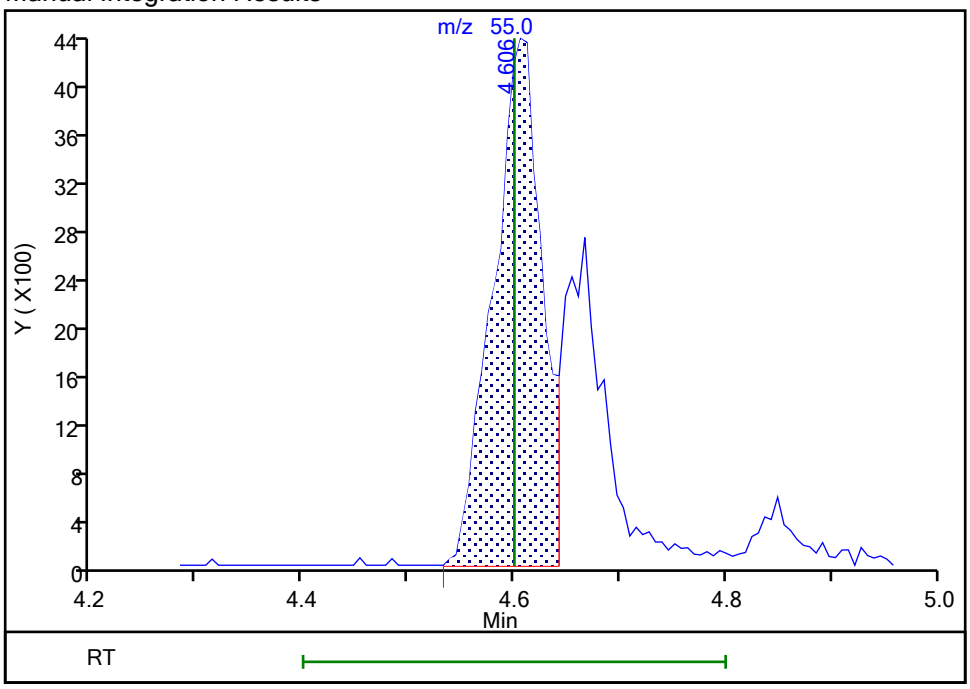
Processing Integration Results

RT: 4.67
Area: 6428
Amount: 1.734116
Amount Units: ug/l




Manual Integration Results

RT: 4.61
Area: 14210
Amount: 4.822873
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:50:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

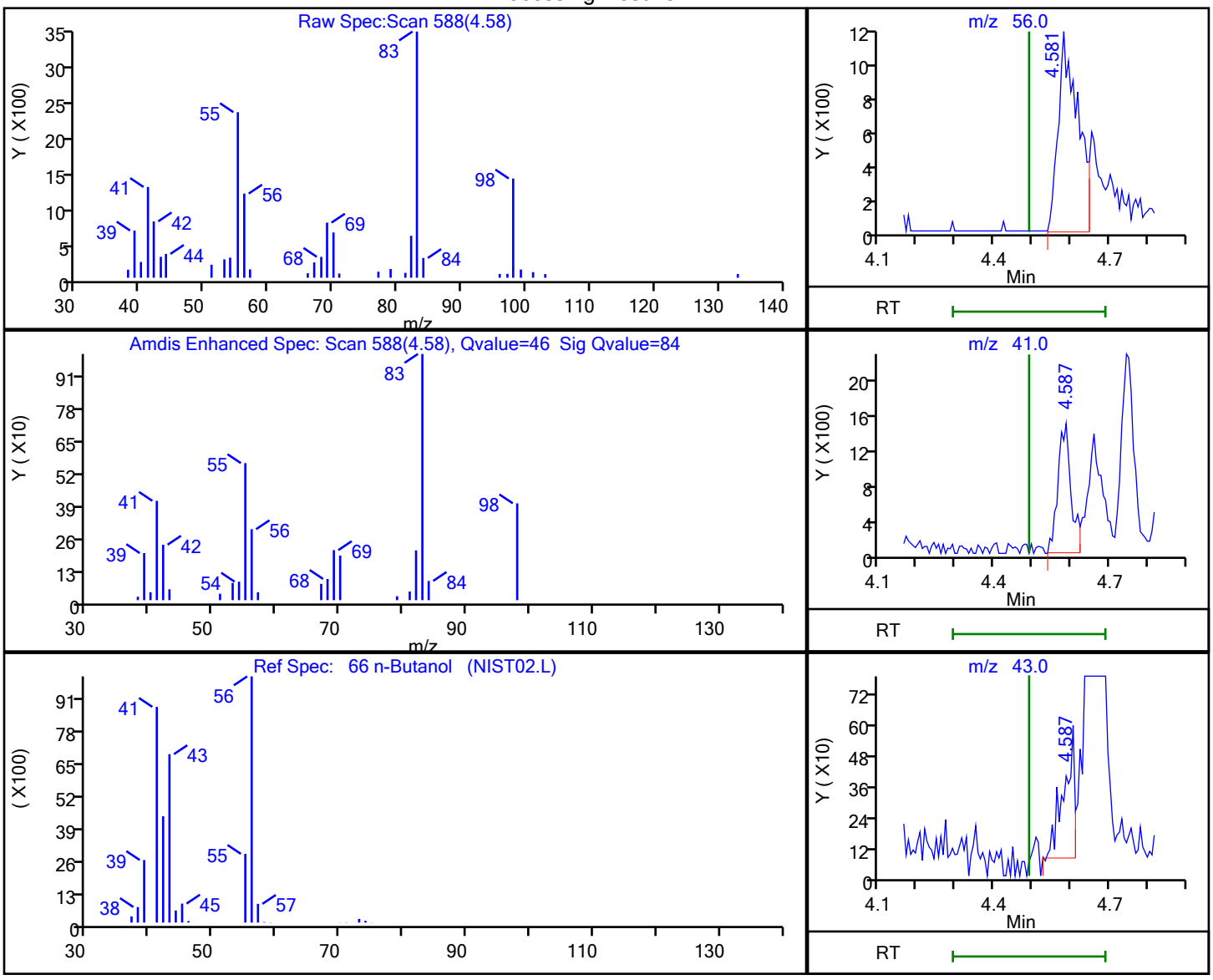
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20687.D
Injection Date: 26-Jul-2025 16:25:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 66 n-Butanol, CAS: 71-36-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.58 | 56.00 | 4258 | 111.0349 |
| 4.59 | 41.00 | 3569 | |
| 4.59 | 43.00 | 1005 | |

Reviewer: NN6A, 27-Jul-2025 12:50:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20688.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 26-Jul-2025 16:47:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0194147-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub82

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:38:13 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 27-Jul-2025 12:52:41

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 118 | 1.065 | 1.065 | 0.000 | 88 | 6194 | 20.0 | 23.7 | |
| 2 Dichlorodifluoromethane | 85 | 1.090 | 1.090 | 0.000 | 99 | 80388 | 20.0 | 24.0 | |
| 3 Chlorodifluoromethane | 67 | 1.102 | 1.102 | 0.000 | 97 | 8245 | 20.0 | 22.7 | |
| 4 Chloromethane | 50 | 1.217 | 1.217 | 0.000 | 99 | 49969 | 20.0 | 22.6 | |
| 5 Vinyl chloride | 62 | 1.266 | 1.266 | 0.000 | 97 | 44593 | 20.0 | 23.6 | |
| 6 Butadiene | 54 | 1.272 | 1.272 | 0.000 | 96 | 39909 | 20.0 | 25.0 | |
| 7 Bromomethane | 94 | 1.473 | 1.473 | 0.000 | 99 | 42244 | 20.0 | 22.6 | |
| 8 Chloroethane | 64 | 1.515 | 1.515 | 0.000 | 100 | 22450 | 20.0 | 22.8 | |
| 9 Dichlorofluoromethane | 67 | 1.631 | 1.631 | 0.000 | 95 | 76462 | 20.0 | 23.6 | |
| 10 Trichlorofluoromethane | 101 | 1.631 | 1.631 | 0.000 | 91 | 76633 | 20.0 | 24.7 | |
| 11 Pentane | 43 | 1.655 | 1.655 | 0.000 | 95 | 63462 | 40.0 | 50.7 | |
| 12 Ethanol | 46 | 1.765 | 1.765 | 0.000 | 95 | 4833 | 800.0 | 841.7 | |
| 13 Ethyl ether | 59 | 1.789 | 1.789 | 0.000 | 96 | 30963 | 20.0 | 22.0 | |
| 14 2-Methyl-1,3-butadiene | 53 | 1.807 | 1.807 | 0.000 | 92 | 34040 | 20.0 | 24.6 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.820 | 1.820 | 0.000 | 92 | 42980 | 20.0 | 20.7 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.862 | 1.862 | 0.000 | 92 | 64195 | 20.0 | 22.2 | a |
| 18 Acrolein | 56 | 1.917 | 1.917 | 0.000 | 93 | 12284 | 40.0 | 44.6 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.917 | 1.917 | 0.000 | 97 | 39345 | 20.0 | 22.9 | |
| 19 1,1-Dichloroethene | 96 | 1.941 | 1.941 | 0.000 | 91 | 50470 | 20.0 | 23.4 | |
| 20 Acetone | 43 | 2.002 | 2.002 | 0.000 | 88 | 43697 | 100.0 | 90.5 | |
| 21 Iodomethane | 142 | 2.057 | 2.057 | 0.000 | 97 | 119753 | 20.0 | 21.3 | |
| 22 Isopropyl alcohol | 45 | 2.069 | 2.069 | 0.000 | 100 | 20002 | 200.0 | 201.9 | |
| 23 Carbon disulfide | 76 | 2.081 | 2.081 | 0.000 | 99 | 162227 | 20.0 | 21.2 | |
| 24 3-Chloro-1-propene | 76 | 2.172 | 2.172 | 0.000 | 92 | 35561 | 20.0 | 18.2 | |
| 25 Methyl acetate | 43 | 2.179 | 2.179 | 0.000 | 98 | 52379 | 40.0 | 38.0 | |
| 26 Cyclopentene | 67 | 2.191 | 2.191 | 0.000 | 96 | 128514 | 20.0 | 20.6 | |
| 27 Acetonitrile | 41 | 2.221 | 2.221 | 0.000 | 98 | 47927 | 200.0 | 225.5 | |
| * 28 TBA-d9 (IS) | 65 | 2.264 | 2.264 | 0.000 | 96 | 185555 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.270 | 2.270 | 0.000 | 83 | 60290 | 20.0 | 20.5 | |
| 30 2-Methyl-2-propanol | 59 | 2.318 | 2.318 | 0.000 | 99 | 37953 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.391 | 2.391 | 0.000 | 96 | 133400 | 20.0 | 20.7 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.416 | 2.416 | 0.000 | 89 | 68739 | 20.0 | 21.9 | |
| 33 Acrylonitrile | 53 | 2.471 | 2.471 | 0.000 | 94 | 177556 | 200.0 | 229.0 | |
| 34 Hexane | 57 | 2.531 | 2.531 | 0.000 | 92 | 24717 | 20.0 | 20.9 | |
| 35 Isopropyl ether | 45 | 2.702 | 2.702 | 0.000 | 97 | 130243 | 20.0 | 21.3 | |
| 36 1,1-Dichloroethane | 63 | 2.732 | 2.732 | 0.000 | 98 | 100067 | 20.0 | 21.9 | |
| 37 Vinyl acetate | 43 | 2.738 | 2.738 | 0.000 | 100 | 148070 | 40.0 | 41.2 | |
| 38 2-Chloro-1,3-butadiene | 88 | 2.769 | 2.769 | 0.000 | 85 | 53669 | 20.0 | 21.8 | |
| 39 Tert-butyl ethyl ether | 59 | 2.963 | 2.963 | 0.000 | 89 | 139654 | 20.0 | 21.9 | |
| * 40 2-Butanone-d5 | 46 | 3.134 | 3.134 | 0.000 | 99 | 183181 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.140 | 3.140 | 0.000 | 84 | 21116 | 20.0 | 21.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.170 | 3.170 | 0.000 | 93 | 73077 | 20.0 | 21.4 | |
| 43 2-Butanone (MEK) | 72 | 3.182 | 3.182 | 0.000 | 97 | 22208 | 100.0 | 93.2 | |
| 44 Ethyl acetate | 70 | 3.188 | 3.188 | 0.000 | 95 | 8701 | 40.0 | 39.8 | |
| 45 Methyl acrylate | 55 | 3.237 | 3.237 | 0.000 | 99 | 32145 | 20.0 | 19.8 | |
| 46 Propionitrile | 54 | 3.298 | 3.298 | 0.000 | 98 | 57793 | 200.0 | 216.8 | |
| 47 Chlorobromomethane | 128 | 3.365 | 3.365 | 0.000 | 76 | 40262 | 20.0 | 21.2 | |
| 48 Tetrahydrofuran | 72 | 3.371 | 3.371 | 0.000 | 50 | 11869 | 40.0 | 40.0 | |
| 49 Methacrylonitrile | 67 | 3.383 | 3.383 | 0.000 | 88 | 189281 | 200.0 | 201.4 | |
| 50 Chloroform | 83 | 3.414 | 3.414 | 0.000 | 98 | 109775 | 20.0 | 21.4 | |
| 51 Cyclohexane | 84 | 3.523 | 3.523 | 0.000 | 87 | 43258 | 20.0 | 22.9 | |
| 52 1,1,1-Trichloroethane | 97 | 3.535 | 3.535 | 0.000 | 96 | 77774 | 20.0 | 21.8 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.553 | 3.553 | 0.000 | 96 | 118595 | 50.0 | 42.2 | |
| 54 Carbon tetrachloride | 117 | 3.645 | 3.645 | 0.000 | 95 | 70253 | 20.0 | 22.6 | |
| 55 1,1-Dichloropropene | 75 | 3.675 | 3.675 | 0.000 | 96 | 71809 | 20.0 | 21.6 | |
| 56 Isobutyl alcohol | 43 | 3.815 | 3.815 | 0.000 | 79 | 35242 | 500.0 | 501.5 | |
| 57 Isooctane | 57 | 3.821 | 3.821 | 0.000 | 78 | 50227 | 20.0 | 22.3 | |
| 58 Benzene | 78 | 3.852 | 3.852 | 0.000 | 95 | 210352 | 20.0 | 20.5 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.870 | 3.870 | 0.000 | 0 | 85881 | 50.0 | 40.6 | |
| 60 Isopropyl acetate | 43 | 3.912 | 3.912 | 0.000 | 78 | 104179 | 20.0 | 20.6 | |
| 61 Tert-amyl methyl ether | 55 | 3.918 | 3.918 | 0.000 | 87 | 31034 | 20.0 | 19.2 | |
| 62 1,2-Dichloroethane | 62 | 3.943 | 3.943 | 0.000 | 96 | 59334 | 20.0 | 19.7 | |
| 63 n-Heptane | 57 | 4.004 | 4.004 | 0.000 | 90 | 10926 | 20.0 | 19.2 | |
| * 64 Fluorobenzene | 96 | 4.125 | 4.125 | 0.000 | 100 | 493438 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.472 | 4.472 | 0.000 | 96 | 58546 | 20.0 | 20.4 | |
| 66 n-Butanol | 56 | 4.490 | 4.490 | 0.000 | 67 | 10133 | 500.0 | 309.3 | |
| 67 Methylcyclohexane | 83 | 4.582 | 4.582 | 0.000 | 93 | 38002 | 20.0 | 22.9 | |
| 68 Ethyl acrylate | 55 | 4.600 | 4.600 | 0.000 | 98 | 58758 | 20.0 | 19.3 | |
| 69 1,2-Dichloropropane | 63 | 4.752 | 4.752 | 0.000 | 94 | 45239 | 20.0 | 20.4 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.819 | 4.819 | 0.000 | 0 | 19368 | 1000.0 | 1000.0 | |
| 71 Methyl methacrylate | 100 | 4.843 | 4.843 | 0.000 | 82 | 18667 | 40.0 | 38.7 | |
| 72 Dibromomethane | 93 | 4.880 | 4.880 | 0.000 | 98 | 41850 | 20.0 | 21.0 | |
| 73 1,4-Dioxane | 88 | 4.886 | 4.886 | 0.000 | 37 | 8987 | 400.0 | 310.8 | |
| 74 n-Propyl acetate | 43 | 4.910 | 4.910 | 0.000 | 96 | 36222 | 20.0 | 18.8 | |
| 75 Dichlorobromomethane | 83 | 5.044 | 5.044 | 0.000 | 98 | 66531 | 20.0 | 21.0 | |
| 76 2-Nitropropane | 41 | 5.385 | 5.385 | 0.000 | 89 | 13860 | 40.0 | 39.8 | |
| 77 2-Chloroethyl vinyl ether | 63 | 5.403 | 5.403 | 0.000 | 94 | 22497 | 20.0 | 19.1 | |
| 78 Epichlorohydrin | 57 | 5.506 | 5.506 | 0.000 | 99 | 63080 | 400.0 | 434.8 | |
| 79 cis-1,3-Dichloropropene | 75 | 5.561 | 5.561 | 0.000 | 87 | 71975 | 20.0 | 20.1 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.737 | 5.737 | 0.000 | 94 | 148271 | 100.0 | 108.7 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.804 | 5.804 | 0.000 | 99 | 278447 | 50.0 | 40.3 | |
| 82 Toluene | 91 | 5.889 | 5.889 | 0.000 | 93 | 176594 | 20.0 | 20.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 trans-1,3-Dichloropropene | 75 | 6.291 | 6.291 | 0.000 | 91 | 52803 | 20.0 | 19.2 | |
| 84 Ethyl methacrylate | 69 | 6.334 | 6.334 | 0.000 | 86 | 37383 | 20.0 | 19.0 | |
| 85 1,1,2-Trichloroethane | 83 | 6.516 | 6.516 | 0.000 | 95 | 34536 | 20.0 | 18.9 | |
| 86 Tetrachloroethene | 166 | 6.546 | 6.546 | 0.000 | 95 | 39490 | 20.0 | 19.2 | |
| 87 1,3-Dichloropropane | 76 | 6.741 | 6.741 | 0.000 | 88 | 56521 | 20.0 | 19.6 | |
| 88 2-Hexanone | 58 | 6.832 | 6.832 | 0.000 | 94 | 50017 | 100.0 | 103.0 | |
| 89 n-Butyl acetate | 43 | 6.984 | 6.984 | 0.000 | 98 | 34684 | 20.0 | 18.8 | |
| 90 Chlorodibromomethane | 129 | 6.997 | 6.997 | 0.000 | 97 | 52219 | 20.0 | 20.5 | |
| 91 Ethylene Dibromide | 107 | 7.149 | 7.149 | 0.000 | 97 | 46895 | 20.0 | 19.6 | |
| * 92 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 81 | 320273 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.800 | 7.800 | 0.000 | 99 | 115362 | 20.0 | 20.4 | |
| 94 Ethylbenzene | 106 | 7.921 | 7.921 | 0.000 | 97 | 48866 | 20.0 | 21.0 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.934 | 7.934 | 0.000 | 96 | 50860 | 20.0 | 21.7 | |
| 96 m-Xylene & p-Xylene | 106 | 8.080 | 8.080 | 0.000 | 0 | 57022 | 20.0 | 20.6 | |
| 97 o-Xylene | 106 | 8.548 | 8.548 | 0.000 | 95 | 64098 | 20.0 | 21.1 | |
| 98 n-Butyl acrylate | 73 | 8.578 | 8.578 | 0.000 | 97 | 24085 | 20.0 | 20.1 | |
| 99 Styrene | 104 | 8.584 | 8.584 | 0.000 | 97 | 94907 | 20.0 | 20.3 | |
| 100 Bromoform | 173 | 8.803 | 8.803 | 0.000 | 97 | 29761 | 20.0 | 19.3 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.828 | 8.828 | 0.000 | 90 | 47897 | 20.0 | 20.5 | |
| 137 (-)-a-Pinene | 93 | 8.864 | 8.864 | 0.000 | 0 | 29016 | 20.0 | 21.2 | |
| 102 Isopropylbenzene | 105 | 8.943 | 8.943 | 0.000 | 94 | 117047 | 20.0 | 22.5 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.150 | 9.150 | 0.000 | 99 | 73731 | 50.0 | 41.7 | |
| 104 Bromobenzene | 156 | 9.272 | 9.272 | 0.000 | 88 | 46831 | 20.0 | 19.7 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.351 | 9.351 | 0.000 | 98 | 54685 | 20.0 | 21.3 | |
| 106 N-Propylbenzene | 91 | 9.363 | 9.363 | 0.000 | 99 | 119440 | 20.0 | 21.7 | |
| 107 1,2,3-Trichloropropane | 110 | 9.387 | 9.387 | 0.000 | 96 | 12947 | 20.0 | 20.3 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.418 | 9.418 | 0.000 | 92 | 6826 | 20.0 | 19.3 | |
| 109 2-Chlorotoluene | 91 | 9.454 | 9.454 | 0.000 | 97 | 103392 | 20.0 | 21.5 | |
| 110 4-Ethyltoluene | 105 | 9.479 | 9.479 | 0.000 | 98 | 101900 | 20.0 | 21.3 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.546 | 9.546 | 0.000 | 92 | 91424 | 20.0 | 22.2 | |
| 112 4-Chlorotoluene | 91 | 9.570 | 9.570 | 0.000 | 96 | 96363 | 20.0 | 20.6 | |
| 113 Butyl Methacrylate | 87 | 9.667 | 9.667 | 0.000 | 83 | 41202 | 20.0 | 20.3 | |
| 114 tert-Butylbenzene | 119 | 9.825 | 9.825 | 0.000 | 94 | 67859 | 20.0 | 21.0 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.886 | 9.886 | 0.000 | 96 | 94364 | 20.0 | 21.4 | |
| 116 sec-Butylbenzene | 105 | 10.026 | 10.026 | 0.000 | 100 | 94713 | 20.0 | 21.7 | |
| 117 1,3-Dichlorobenzene | 146 | 10.148 | 10.148 | 0.000 | 97 | 63195 | 20.0 | 20.5 | |
| 118 4-Isopropyltoluene | 119 | 10.160 | 10.160 | 0.000 | 98 | 81011 | 20.0 | 21.1 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.215 | 10.215 | 0.000 | 92 | 139098 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.233 | 10.233 | 0.000 | 95 | 65439 | 20.0 | 20.3 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.257 | 10.257 | 0.000 | 97 | 105956 | 20.0 | 20.8 | |
| 122 Benzyl chloride | 91 | 10.367 | 10.367 | 0.000 | 99 | 74038 | 20.0 | 20.4 | |
| 123 2,3-Dihydroindene | 117 | 10.422 | 10.422 | 0.000 | 94 | 106660 | 20.0 | 20.8 | |
| 124 p-Diethylbenzene | 119 | 10.482 | 10.482 | 0.000 | 94 | 46351 | 20.0 | 21.0 | |
| 125 n-Butylbenzene | 92 | 10.507 | 10.507 | 0.000 | 98 | 37326 | 20.0 | 21.5 | |
| 126 1,2-Dichlorobenzene | 146 | 10.549 | 10.549 | 0.000 | 99 | 71563 | 20.0 | 20.9 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.115 | 11.115 | 0.000 | 97 | 80696 | 20.0 | 20.8 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.194 | 11.194 | 0.000 | 90 | 12540 | 20.0 | 20.2 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.304 | 11.304 | 0.000 | 97 | 36088 | 20.0 | 21.0 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.784 | 11.784 | 0.000 | 95 | 34055 | 20.0 | 20.4 | |
| 131 Hexachlorobutadiene | 225 | 11.863 | 11.863 | 0.000 | 95 | 12273 | 20.0 | 20.5 | |
| 132 Naphthalene | 128 | 11.961 | 11.961 | 0.000 | 99 | 130432 | 20.0 | 20.9 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.137 | 12.137 | 0.000 | 96 | 31755 | 20.0 | 21.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 43.3 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 41.6 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 103.1 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00209 | Amount Added: 20.00 | Units: uL | | |
| 524FREONS_00037 | Amount Added: 20.00 | Units: uL | | |
| ACROLEIN W_00186 | Amount Added: 4.00 | Units: uL | | |
| GASES Li_00653 | Amount Added: 20.00 | Units: uL | | |
| alpha-Pinene_00012 | Amount Added: 20.00 | Units: uL | | |
| 8260ISNEW_00210 | Amount Added: 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00255 | Amount Added: 1.00 | Units: uL | Run Reagent | |

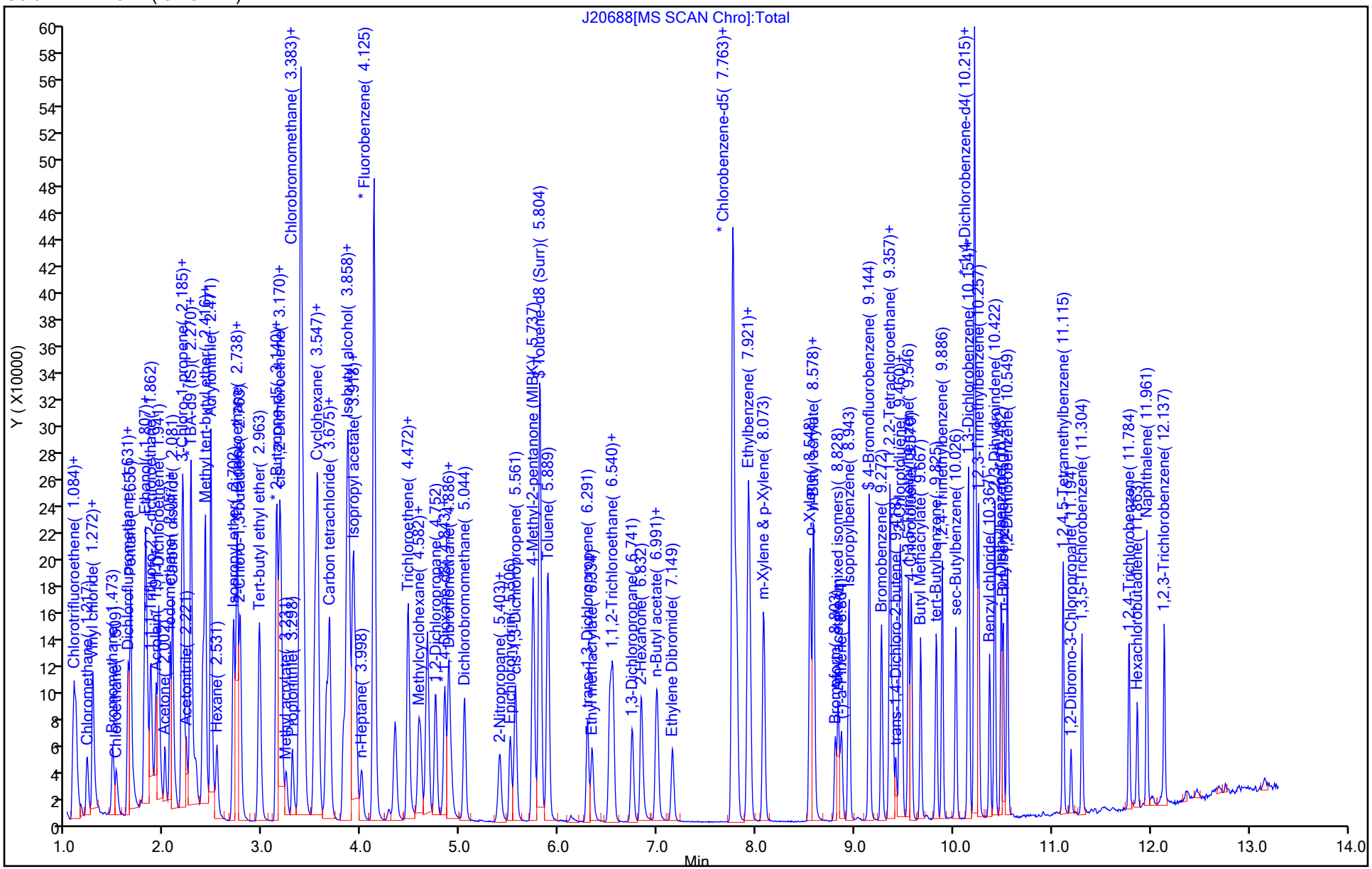
Report Date: 27-Jul-2025 13:38:14 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20688.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 16:47:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | STD20 | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

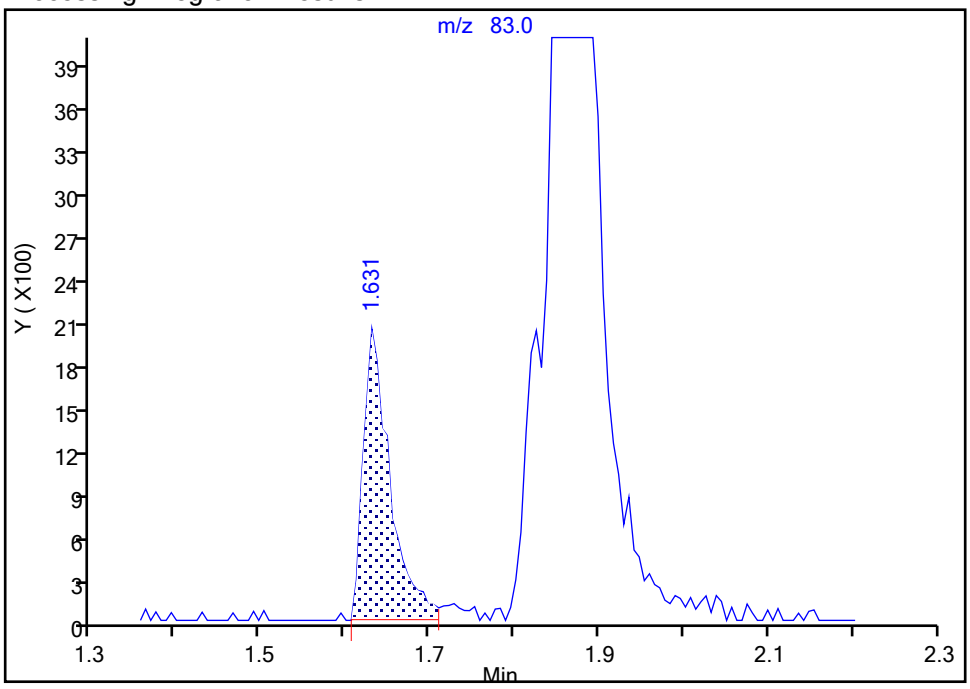
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20688.D
Injection Date: 26-Jul-2025 16:47:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

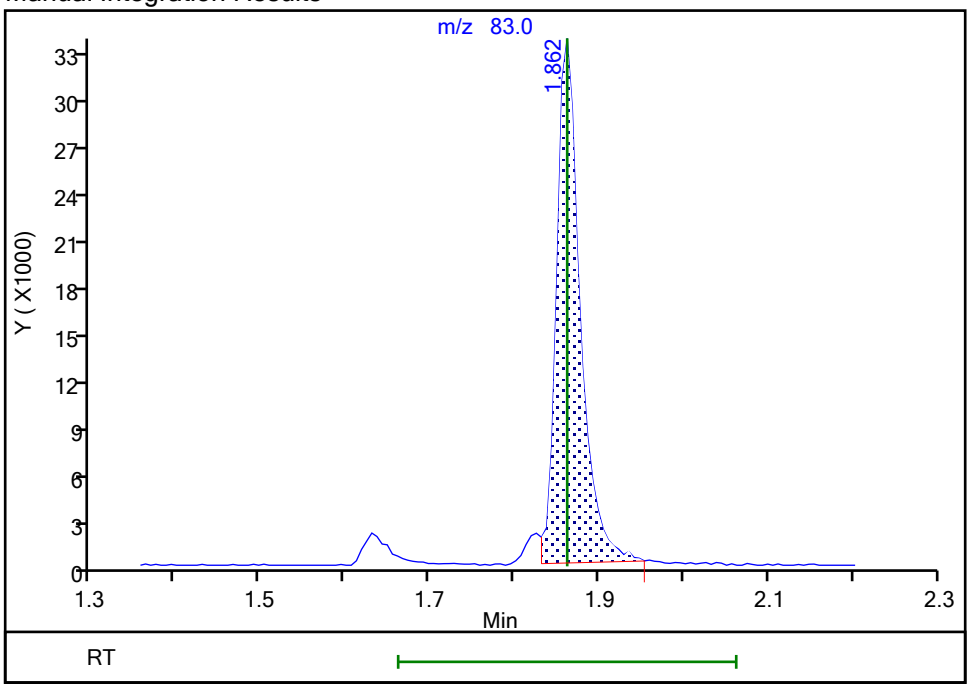
Processing Integration Results

RT: 1.63
Area: 4479
Amount: 2.796286
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 64195
Amount: 22.223377
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:52:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20689.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 26-Jul-2025 17:10:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0194147-009
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub82

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:38:30 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 27-Jul-2025 12:53:28

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 118 | 1.065 | 1.065 | 0.000 | 87 | 15690 | 50.0 | 56.0 | |
| 2 Dichlorodifluoromethane | 85 | 1.089 | 1.090 | -0.001 | 99 | 197434 | 50.0 | 54.8 | |
| 3 Chlorodifluoromethane | 67 | 1.107 | 1.102 | 0.005 | 97 | 19907 | 50.0 | 51.1 | |
| 4 Chloromethane | 50 | 1.217 | 1.217 | 0.000 | 99 | 123926 | 50.0 | 52.2 | |
| 5 Vinyl chloride | 62 | 1.271 | 1.266 | 0.005 | 98 | 108844 | 50.0 | 53.7 | |
| 6 Butadiene | 54 | 1.277 | 1.272 | 0.005 | 95 | 94258 | 50.0 | 55.1 | |
| 7 Bromomethane | 94 | 1.472 | 1.473 | -0.001 | 99 | 103341 | 50.0 | 51.6 | |
| 8 Chloroethane | 64 | 1.515 | 1.515 | 0.000 | 100 | 53355 | 50.0 | 50.4 | |
| 9 Dichlorofluoromethane | 67 | 1.636 | 1.631 | 0.005 | 99 | 187142 | 50.0 | 53.8 | |
| 10 Trichlorofluoromethane | 101 | 1.630 | 1.631 | -0.001 | 97 | 185377 | 50.0 | 55.8 | |
| 11 Pentane | 43 | 1.655 | 1.655 | 0.000 | 95 | 145804 | 100.0 | 108.6 | |
| 12 Ethanol | 46 | 1.764 | 1.765 | -0.001 | 95 | 13141 | 2000.0 | 1884.2 | |
| 13 Ethyl ether | 59 | 1.789 | 1.789 | -0.001 | 96 | 76724 | 50.0 | 51.8 | |
| 14 2-Methyl-1,3-butadiene | 53 | 1.807 | 1.807 | 0.000 | 91 | 80734 | 50.0 | 54.3 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.819 | 1.820 | -0.001 | 91 | 122473 | 50.0 | 55.1 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.862 | 1.862 | 0.000 | 91 | 165953 | 50.0 | 53.6 | a |
| 18 Acrolein | 56 | 1.916 | 1.917 | -0.001 | 87 | 30242 | 100.0 | 90.3 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.916 | 1.917 | -0.001 | 97 | 104630 | 50.0 | 56.7 | |
| 19 1,1-Dichloroethene | 96 | 1.941 | 1.941 | 0.000 | 91 | 119727 | 50.0 | 51.7 | |
| 20 Acetone | 43 | 2.001 | 2.002 | -0.001 | 88 | 130998 | 250.0 | 236.4 | |
| 21 Iodomethane | 142 | 2.056 | 2.057 | -0.001 | 97 | 305204 | 50.0 | 50.7 | |
| 22 Isopropyl alcohol | 45 | 2.068 | 2.069 | -0.001 | 100 | 54008 | 500.0 | 448.7 | |
| 23 Carbon disulfide | 76 | 2.081 | 2.081 | -0.001 | 99 | 397277 | 50.0 | 48.4 | |
| 24 3-Chloro-1-propene | 76 | 2.172 | 2.172 | 0.000 | 95 | 110724 | 50.0 | 52.9 | |
| 25 Methyl acetate | 43 | 2.178 | 2.179 | -0.001 | 98 | 170537 | 100.0 | 101.9 | |
| 26 Cyclopentene | 67 | 2.190 | 2.191 | -0.001 | 96 | 379699 | 50.0 | 56.8 | |
| 27 Acetonitrile | 41 | 2.220 | 2.221 | -0.001 | 99 | 148753 | 500.0 | 576.2 | |
| * 28 TBA-d9 (IS) | 65 | 2.263 | 2.264 | -0.001 | 74 | 225373 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.269 | 2.270 | -0.001 | 84 | 167286 | 50.0 | 52.9 | |
| 30 2-Methyl-2-propanol | 59 | 2.318 | 2.318 | 0.000 | 99 | 112371 | 500.0 | 499.8 | |

| 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 | 2.391 | 2.391 | 0.000 | 96 | 368331 | 50.0 | 53.2 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.415 | 2.416 | -0.001 | 88 | 179258 | 50.0 | 53.3 | |
| 33 Acrylonitrile | 53 | 2.470 | 2.471 | -0.001 | 94 | 474336 | 500.0 | 503.7 | |
| 34 Hexane | 57 | 2.531 | 2.531 | 0.000 | 91 | 70242 | 50.0 | 55.4 | |
| 35 Isopropyl ether | 45 | 2.701 | 2.702 | -0.001 | 98 | 336942 | 50.0 | 51.4 | |
| 36 1,1-Dichloroethane | 63 | 2.731 | 2.732 | -0.001 | 98 | 254958 | 50.0 | 51.9 | |
| 37 Vinyl acetate | 43 | 2.738 | 2.738 | 0.000 | 100 | 415811 | 100.0 | 108.0 | |
| 38 2-Chloro-1,3-butadiene | 88 | 2.768 | 2.769 | -0.001 | 85 | 139668 | 50.0 | 52.9 | |
| 39 Tert-butyl ethyl ether | 59 | 2.963 | 2.963 | 0.000 | 89 | 353969 | 50.0 | 51.6 | |
| * 40 2-Butanone-d5 | 46 | 3.133 | 3.134 | -0.001 | 88 | 210215 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.139 | 3.140 | -0.001 | 90 | 52502 | 50.0 | 48.6 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.169 | 3.170 | -0.001 | 94 | 188557 | 50.0 | 51.5 | |
| 43 2-Butanone (MEK) | 72 | 3.182 | 3.182 | 0.000 | 97 | 67130 | 250.0 | 245.6 | |
| 44 Ethyl acetate | 70 | 3.182 | 3.188 | -0.006 | 94 | 25992 | 100.0 | 103.5 | |
| 45 Methyl acrylate | 55 | 3.230 | 3.237 | -0.007 | 99 | 94272 | 50.0 | 54.0 | |
| 46 Propionitrile | 54 | 3.297 | 3.298 | -0.001 | 98 | 160180 | 500.0 | 494.7 | |
| 47 Chlorobromomethane | 128 | 3.364 | 3.365 | -0.001 | 77 | 102700 | 50.0 | 50.5 | |
| 48 Tetrahydrofuran | 72 | 3.370 | 3.371 | -0.001 | 89 | 34437 | 100.0 | 101.0 | |
| 49 Methacrylonitrile | 67 | 3.382 | 3.383 | -0.001 | 88 | 528966 | 500.0 | 524.7 | |
| 50 Chloroform | 83 | 3.413 | 3.414 | -0.001 | 98 | 280162 | 50.0 | 51.0 | |
| 51 Cyclohexane | 84 | 3.522 | 3.523 | -0.001 | 88 | 110924 | 50.0 | 54.6 | |
| 52 1,1,1-Trichloroethane | 97 | 3.534 | 3.535 | -0.001 | 96 | 203262 | 50.0 | 53.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.553 | 3.553 | 0.000 | 97 | 159033 | 50.0 | 52.8 | |
| 54 Carbon tetrachloride | 117 | 3.644 | 3.645 | -0.001 | 95 | 183951 | 50.0 | 55.2 | |
| 55 1,1-Dichloropropene | 75 | 3.674 | 3.675 | -0.001 | 96 | 190809 | 50.0 | 53.6 | |
| 56 Isobutyl alcohol | 43 | 3.808 | 3.815 | -0.007 | 96 | 104550 | 1250.0 | 1195.8 | |
| 57 Isooctane | 57 | 3.820 | 3.821 | -0.001 | 94 | 128327 | 50.0 | 53.1 | |
| 58 Benzene | 78 | 3.851 | 3.852 | -0.001 | 94 | 567088 | 50.0 | 49.2 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.869 | 3.870 | -0.001 | 0 | 118374 | 50.0 | 52.2 | |
| 60 Isopropyl acetate | 43 | 3.912 | 3.912 | 0.000 | 81 | 283739 | 50.0 | 52.3 | |
| 61 Tert-amyl methyl ether | 55 | 3.912 | 3.918 | -0.006 | 86 | 76742 | 50.0 | 44.2 | |
| 62 1,2-Dichloroethane | 62 | 3.942 | 3.943 | -0.001 | 96 | 159848 | 50.0 | 49.6 | |
| 63 n-Heptane | 57 | 3.997 | 4.004 | -0.007 | 90 | 34009 | 50.0 | 55.8 | |
| * 64 Fluorobenzene | 96 | 4.125 | 4.125 | 0.000 | 100 | 529334 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.465 | 4.472 | -0.007 | 96 | 162059 | 50.0 | 52.6 | |
| 66 n-Butanol | 56 | 4.459 | 4.490 | -0.031 | 86 | 44606 | 1250.0 | 1120.8 | |
| 67 Methylcyclohexane | 83 | 4.581 | 4.582 | -0.001 | 87 | 100411 | 50.0 | 56.4 | |
| 68 Ethyl acrylate | 55 | 4.593 | 4.600 | -0.007 | 98 | 171657 | 50.0 | 51.3 | |
| 69 1,2-Dichloropropane | 63 | 4.745 | 4.752 | -0.007 | 95 | 126966 | 50.0 | 53.4 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.818 | 4.819 | -0.001 | 0 | 22266 | 1000.0 | 1000.0 | |
| 71 Methyl methacrylate | 100 | 4.842 | 4.843 | -0.001 | 82 | 55824 | 100.0 | 107.9 | |
| 72 Dibromomethane | 93 | 4.879 | 4.880 | -0.001 | 98 | 110422 | 50.0 | 51.7 | |
| 73 1,4-Dioxane | 88 | 4.873 | 4.886 | -0.013 | 36 | 25952 | 1000.0 | 769.8 | |
| 74 n-Propyl acetate | 43 | 4.903 | 4.910 | -0.007 | 97 | 112669 | 50.0 | 54.5 | |
| 75 Dichlorobromomethane | 83 | 5.043 | 5.044 | -0.001 | 98 | 181588 | 50.0 | 53.4 | |
| 76 2-Nitropropane | 41 | 5.384 | 5.385 | -0.001 | 98 | 40577 | 100.0 | 96.0 | |
| 77 2-Chloroethyl vinyl ether | 63 | 5.396 | 5.403 | -0.007 | 95 | 67830 | 50.1 | 53.6 | |
| 78 Epichlorohydrin | 57 | 5.499 | 5.506 | -0.007 | 99 | 186347 | 1000.0 | 1119.4 | |
| 79 cis-1,3-Dichloropropene | 75 | 5.554 | 5.561 | -0.007 | 86 | 208107 | 50.0 | 51.7 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.737 | 5.737 | 0.000 | 94 | 419373 | 250.0 | 267.9 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.804 | 5.804 | 0.000 | 99 | 384263 | 50.0 | 49.5 | |
| 82 Toluene | 91 | 5.889 | 5.889 | 0.000 | 92 | 491581 | 50.0 | 49.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 trans-1,3-Dichloropropene | 75 | 6.284 | 6.291 | -0.007 | 92 | 161888 | 50.0 | 52.4 | |
| 84 Ethyl methacrylate | 69 | 6.333 | 6.334 | -0.001 | 85 | 116131 | 50.0 | 54.9 | |
| 85 1,1,2-Trichloroethane | 83 | 6.515 | 6.516 | -0.001 | 96 | 102306 | 50.0 | 49.9 | |
| 86 Tetrachloroethene | 166 | 6.546 | 6.546 | 0.000 | 93 | 110612 | 50.0 | 48.0 | |
| 87 1,3-Dichloropropane | 76 | 6.740 | 6.741 | -0.001 | 88 | 163301 | 50.0 | 50.5 | |
| 88 2-Hexanone | 58 | 6.832 | 6.832 | 0.000 | 94 | 152891 | 250.0 | 274.5 | |
| 89 n-Butyl acetate | 43 | 6.978 | 6.984 | -0.006 | 99 | 112068 | 50.0 | 54.2 | |
| 90 Chlorodibromomethane | 129 | 6.990 | 6.997 | -0.007 | 97 | 150257 | 50.0 | 52.5 | |
| 91 Ethylene Dibromide | 107 | 7.148 | 7.149 | -0.001 | 99 | 134475 | 50.0 | 50.1 | |
| * 92 Chlorobenzene-d5 | 117 | 7.762 | 7.763 | -0.001 | 81 | 359427 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.799 | 7.800 | -0.001 | 99 | 324071 | 50.0 | 51.1 | |
| 94 Ethylbenzene | 106 | 7.915 | 7.921 | -0.006 | 97 | 135589 | 50.0 | 51.9 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.933 | 7.934 | -0.001 | 96 | 133921 | 50.0 | 50.9 | |
| 96 m-Xylene & p-Xylene | 106 | 8.073 | 8.080 | -0.007 | 0 | 161649 | 50.0 | 52.0 | |
| 97 o-Xylene | 106 | 8.547 | 8.548 | -0.001 | 95 | 174349 | 50.0 | 51.0 | |
| 98 n-Butyl acrylate | 73 | 8.572 | 8.578 | -0.006 | 97 | 72793 | 50.0 | 54.0 | |
| 99 Styrene | 104 | 8.584 | 8.584 | 0.000 | 97 | 272583 | 50.0 | 52.0 | |
| 100 Bromoform | 173 | 8.803 | 8.803 | 0.000 | 97 | 88077 | 50.0 | 50.9 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.827 | 8.828 | -0.001 | 90 | 137342 | 50.0 | 51.6 | |
| 137 (-)-a-Pinene | 93 | 8.864 | 8.864 | 0.000 | 0 | 82096 | 50.0 | 53.4 | |
| 102 Isopropylbenzene | 105 | 8.943 | 8.943 | 0.000 | 94 | 310945 | 50.0 | 53.3 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.143 | 9.150 | -0.007 | 96 | 100541 | 50.0 | 50.7 | |
| 104 Bromobenzene | 156 | 9.271 | 9.272 | -0.001 | 89 | 133755 | 50.0 | 49.5 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.350 | 9.351 | -0.001 | 99 | 150016 | 50.0 | 51.3 | |
| 106 N-Propylbenzene | 91 | 9.362 | 9.363 | -0.001 | 100 | 335840 | 50.0 | 53.7 | |
| 107 1,2,3-Trichloropropane | 110 | 9.387 | 9.387 | 0.000 | 96 | 35234 | 50.0 | 48.6 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.411 | 9.418 | -0.007 | 93 | 22460 | 50.0 | 55.7 | |
| 109 2-Chlorotoluene | 91 | 9.454 | 9.454 | 0.000 | 95 | 282723 | 50.0 | 51.6 | |
| 110 4-Ethyltoluene | 105 | 9.478 | 9.479 | -0.001 | 98 | 290055 | 50.0 | 53.4 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.545 | 9.546 | -0.001 | 93 | 245728 | 50.0 | 52.4 | |
| 112 4-Chlorotoluene | 91 | 9.569 | 9.570 | -0.001 | 95 | 271557 | 50.0 | 51.0 | |
| 113 Butyl Methacrylate | 87 | 9.667 | 9.667 | 0.000 | 82 | 133776 | 50.0 | 58.1 | |
| 114 tert-Butylbenzene | 119 | 9.825 | 9.825 | 0.000 | 94 | 198585 | 50.0 | 54.0 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.886 | 9.886 | 0.000 | 96 | 263427 | 50.0 | 52.6 | |
| 116 sec-Butylbenzene | 105 | 10.026 | 10.026 | 0.000 | 100 | 255781 | 50.0 | 51.5 | |
| 117 1,3-Dichlorobenzene | 146 | 10.147 | 10.148 | -0.001 | 98 | 173232 | 50.0 | 49.4 | |
| 118 4-Isopropyltoluene | 119 | 10.159 | 10.160 | -0.001 | 98 | 225938 | 50.0 | 51.8 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.214 | 10.215 | -0.001 | 93 | 158123 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.232 | 10.233 | -0.001 | 96 | 187437 | 50.0 | 51.0 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.257 | 10.257 | 0.000 | 97 | 303823 | 50.0 | 52.4 | |
| 122 Benzyl chloride | 91 | 10.366 | 10.367 | -0.001 | 100 | 218662 | 50.0 | 52.9 | |
| 123 2,3-Dihydroindene | 117 | 10.421 | 10.422 | -0.001 | 94 | 298873 | 50.0 | 51.2 | |
| 124 p-Diethylbenzene | 119 | 10.482 | 10.482 | 0.000 | 94 | 127175 | 50.0 | 50.7 | |
| 125 n-Butylbenzene | 92 | 10.506 | 10.507 | -0.001 | 97 | 101850 | 50.0 | 51.6 | |
| 126 1,2-Dichlorobenzene | 146 | 10.549 | 10.549 | 0.000 | 99 | 195516 | 50.0 | 50.3 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.114 | 11.115 | -0.001 | 97 | 222086 | 50.0 | 50.3 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.194 | 11.194 | 0.000 | 88 | 35134 | 50.0 | 49.7 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.303 | 11.304 | -0.001 | 97 | 94343 | 50.0 | 48.3 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.784 | 11.784 | 0.000 | 94 | 95539 | 50.0 | 50.3 | |
| 131 Hexachlorobutadiene | 225 | 11.863 | 11.863 | 0.000 | 94 | 32884 | 50.0 | 48.3 | |
| 132 Naphthalene | 128 | 11.960 | 11.961 | -0.001 | 99 | 333266 | 50.0 | 47.1 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.136 | 12.137 | -0.001 | 97 | 85621 | 50.0 | 51.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 104.8 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 100.0 | 103.0 | |
| S 136 Total BTEX | 1 | | | | 0 | | 250.0 | 253.7 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00209 | Amount Added: | 50.00 | Units: uL | |
| 524FREONS_00037 | Amount Added: | 50.00 | Units: uL | |
| ACROLEIN W_00186 | Amount Added: | 10.00 | Units: uL | |
| GASES Li_00653 | Amount Added: | 50.00 | Units: uL | |
| alpha-Pinene_00012 | Amount Added: | 50.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00255 | Amount Added: | 1.00 | Units: uL | Run Reagent |

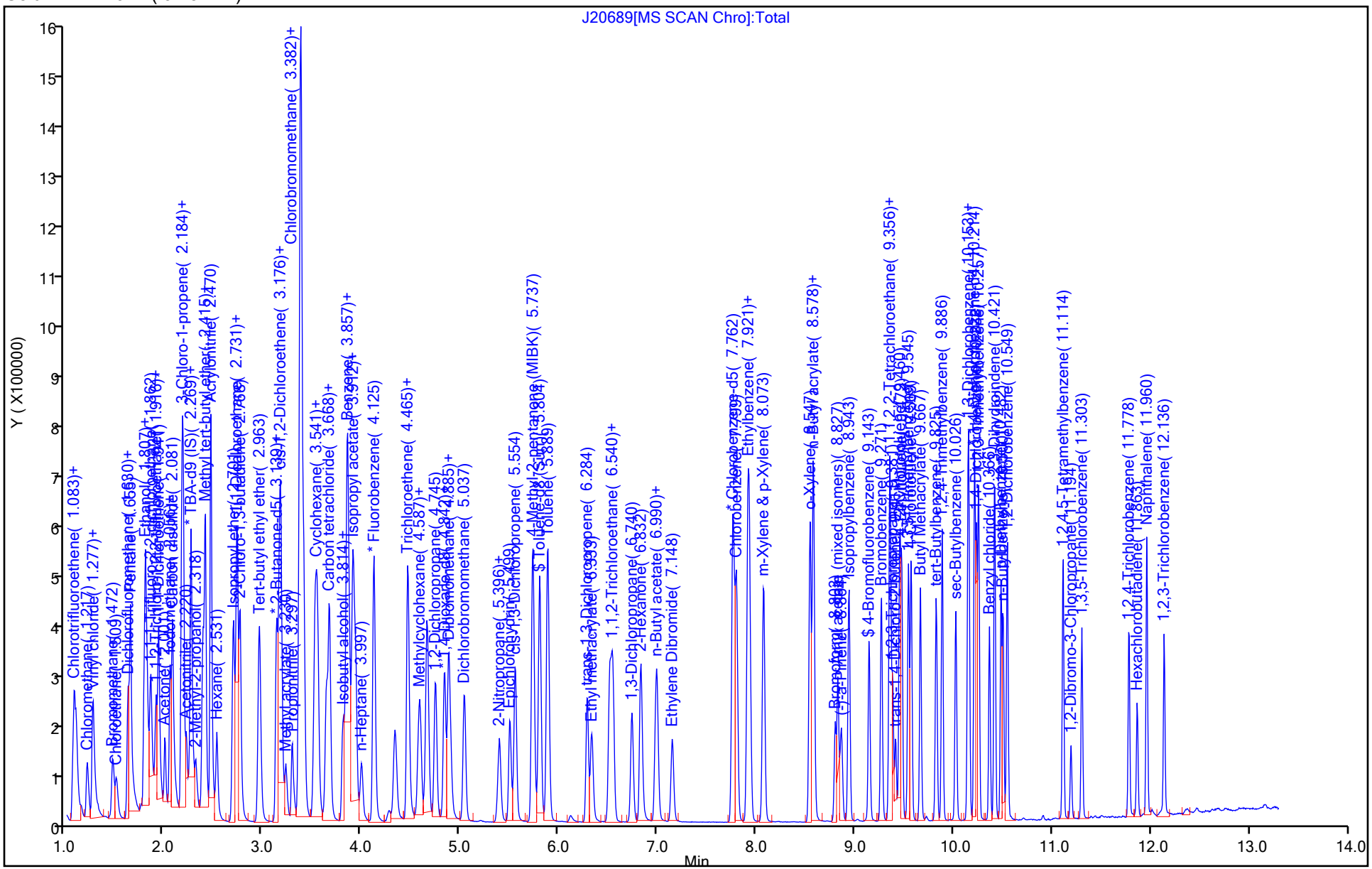
Report Date: 27-Jul-2025 13:38:31 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20689.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 17:10:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | STD50 | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

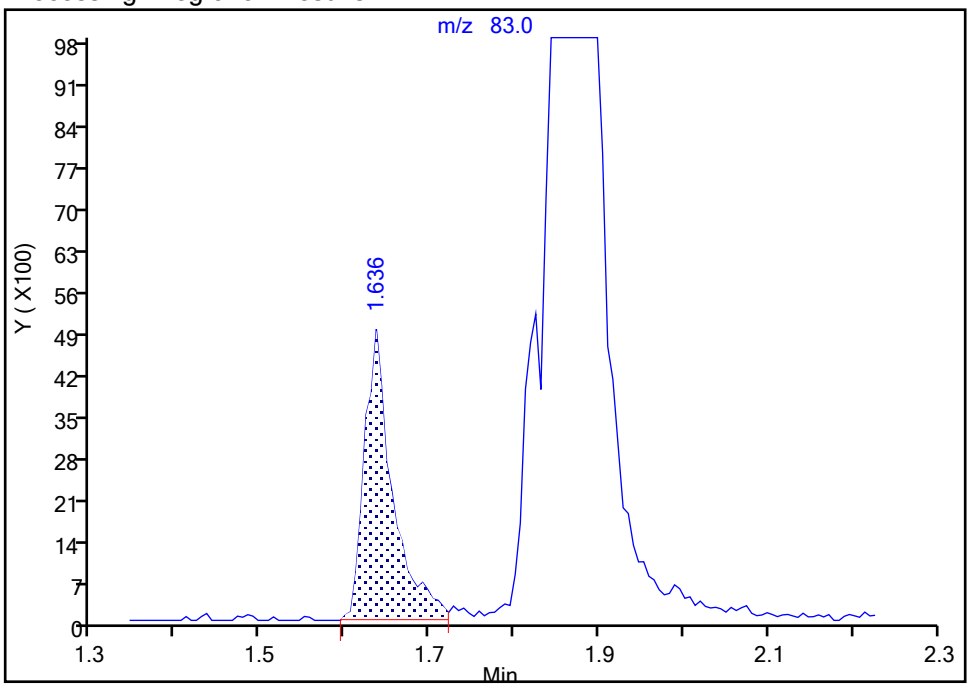
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20689.D
Injection Date: 26-Jul-2025 17:10:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

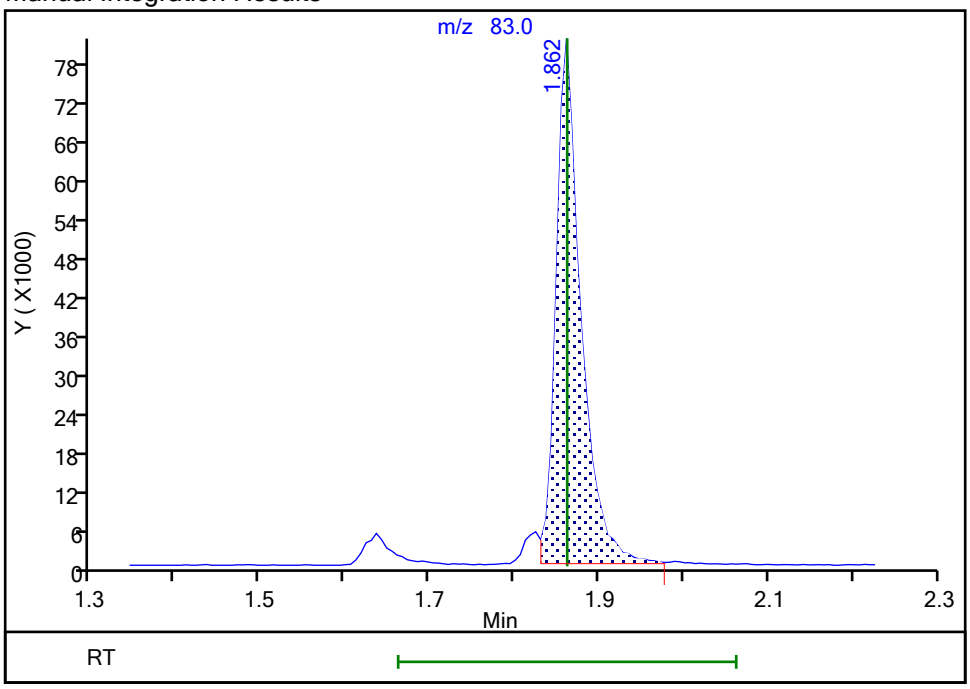
Processing Integration Results

RT: 1.64
Area: 11365
Amount: 5.364222
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 165953
Amount: 53.554598
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:53:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20690.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 26-Jul-2025 17:32:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0194147-010
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub82

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:38:47 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 27-Jul-2025 12:54:59

| | Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Chlorotrifluoroethene | 118 | 1.068 | 1.065 | 0.003 | 87 | 61081 | 200.0 | 205.0 | |
| 2 | Dichlorodifluoromethane | 85 | 1.086 | 1.090 | -0.004 | 99 | 790425 | 200.0 | 206.6 | |
| 3 | Chlorodifluoromethane | 67 | 1.104 | 1.102 | 0.002 | 97 | 74297 | 200.0 | 179.4 | |
| 4 | Chloromethane | 50 | 1.220 | 1.217 | 0.003 | 99 | 477723 | 200.0 | 189.5 | |
| 5 | Vinyl chloride | 62 | 1.269 | 1.266 | 0.003 | 98 | 431736 | 200.0 | 200.5 | |
| 6 | Butadiene | 54 | 1.281 | 1.272 | 0.009 | 95 | 370443 | 200.0 | 203.9 | |
| 7 | Bromomethane | 94 | 1.475 | 1.473 | 0.002 | 99 | 420088 | 200.0 | 197.5 | |
| 8 | Chloroethane | 64 | 1.518 | 1.515 | 0.003 | 100 | 210334 | 200.0 | 187.0 | |
| 9 | Dichlorofluoromethane | 67 | 1.640 | 1.631 | 0.009 | 98 | 714267 | 200.0 | 193.2 | |
| 10 | Trichlorofluoromethane | 101 | 1.634 | 1.631 | 0.003 | 98 | 702168 | 200.0 | 198.9 | |
| 11 | Pentane | 43 | 1.658 | 1.655 | 0.003 | 97 | 559523 | 400.0 | 392.2 | |
| 12 | Ethanol | 46 | 1.761 | 1.765 | -0.004 | 96 | 51054 | 8000.0 | 7411.8 | |
| 13 | Ethyl ether | 59 | 1.792 | 1.789 | 0.003 | 96 | 305431 | 200.0 | 196.1 | |
| 14 | 2-Methyl-1,3-butadiene | 53 | 1.804 | 1.807 | -0.003 | 93 | 314323 | 200.0 | 199.0 | |
| 15 | 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.822 | 1.820 | 0.002 | 89 | 455273 | 200.0 | 192.7 | |
| 16 | 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.865 | 1.862 | 0.003 | 93 | 605739 | 200.0 | 184.0 | a |
| 18 | Acrolein | 56 | 1.919 | 1.917 | 0.002 | 95 | 58300 | 200.0 | 176.3 | |
| 17 | 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.919 | 1.917 | 0.002 | 98 | 331733 | 200.0 | 169.2 | |
| 19 | 1,1-Dichloroethene | 96 | 1.944 | 1.941 | 0.003 | 92 | 476778 | 200.0 | 193.8 | |
| 20 | Acetone | 43 | 2.005 | 2.002 | 0.003 | 88 | 622455 | 1000.0 | 1021.5 | |
| 21 | Iodomethane | 142 | 2.059 | 2.057 | 0.002 | 97 | 1240911 | 200.0 | 194.1 | |
| 22 | Isopropyl alcohol | 45 | 2.065 | 2.069 | -0.004 | 100 | 239395 | 2000.0 | 2013.9 | a |
| 23 | Carbon disulfide | 76 | 2.084 | 2.081 | 0.003 | 98 | 1713984 | 200.0 | 196.5 | |
| 24 | 3-Chloro-1-propene | 76 | 2.175 | 2.172 | 0.003 | 94 | 515749 | 200.0 | 231.8 | |
| 25 | Methyl acetate | 43 | 2.181 | 2.179 | 0.002 | 98 | 687752 | 400.0 | 416.1 | |
| 26 | Cyclopentene | 67 | 2.193 | 2.191 | 0.002 | 97 | 1456866 | 200.0 | 205.2 | |
| 27 | Acetonitrile | 41 | 2.224 | 2.221 | 0.003 | 100 | 555342 | 2000.0 | 2178.3 | |
| * 28 | TBA-d9 (IS) | 65 | 2.266 | 2.264 | 0.002 | 76 | 222586 | 1000.0 | 1000.0 | |
| 29 | Methylene Chloride | 84 | 2.272 | 2.270 | 0.002 | 83 | 623986 | 200.0 | 185.8 | |
| 30 | 2-Methyl-2-propanol | 59 | 2.315 | 2.318 | -0.003 | 98 | 433110 | 2000.0 | 1950.5 | |

| 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 | 2.388 | 2.391 | -0.003 | 96 | 1449835 | 200.0 | 196.9 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.412 | 2.416 | -0.004 | 88 | 691742 | 200.0 | 193.5 | |
| 33 Acrylonitrile | 53 | 2.473 | 2.471 | 0.002 | 94 | 1828075 | 2000.0 | 1965.4 | |
| 34 Hexane | 57 | 2.534 | 2.531 | 0.003 | 91 | 280716 | 200.0 | 208.2 | |
| 35 Isopropyl ether | 45 | 2.698 | 2.702 | -0.004 | 97 | 1399977 | 200.0 | 200.9 | |
| 36 1,1-Dichloroethane | 63 | 2.729 | 2.732 | -0.003 | 99 | 1030072 | 200.0 | 197.5 | |
| 37 Vinyl acetate | 43 | 2.741 | 2.738 | 0.003 | 100 | 1755840 | 400.0 | 429.0 | |
| 38 2-Chloro-1,3-butadiene | 88 | 2.765 | 2.769 | -0.004 | 85 | 559098 | 200.0 | 199.3 | |
| 39 Tert-butyl ethyl ether | 59 | 2.960 | 2.963 | -0.003 | 89 | 1450299 | 200.0 | 199.1 | |
| * 40 2-Butanone-d5 | 46 | 3.136 | 3.134 | 0.002 | 82 | 231176 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.142 | 3.140 | 0.002 | 90 | 208776 | 200.0 | 181.9 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.167 | 3.170 | -0.003 | 97 | 740541 | 200.0 | 190.3 | |
| 43 2-Butanone (MEK) | 72 | 3.179 | 3.182 | -0.003 | 97 | 288278 | 1000.0 | 959.0 | |
| 44 Ethyl acetate | 70 | 3.185 | 3.188 | -0.003 | 95 | 112844 | 400.0 | 408.6 | |
| 45 Methyl acrylate | 55 | 3.227 | 3.237 | -0.010 | 99 | 411867 | 200.0 | 222.1 | |
| 46 Propionitrile | 54 | 3.294 | 3.298 | -0.004 | 98 | 680882 | 2000.0 | 2129.3 | |
| 47 Chlorobromomethane | 128 | 3.367 | 3.365 | 0.002 | 77 | 419363 | 200.0 | 193.9 | |
| 48 Tetrahydrofuran | 72 | 3.367 | 3.371 | -0.004 | 64 | 136615 | 400.0 | 364.5 | |
| 49 Methacrylonitrile | 67 | 3.386 | 3.383 | 0.003 | 87 | 2161091 | 2000.0 | 2017.4 | |
| 50 Chloroform | 83 | 3.416 | 3.414 | 0.002 | 98 | 1113573 | 200.0 | 190.7 | |
| 51 Cyclohexane | 84 | 3.526 | 3.523 | 0.003 | 85 | 425237 | 200.0 | 197.1 | |
| 52 1,1,1-Trichloroethane | 97 | 3.538 | 3.535 | 0.003 | 96 | 794429 | 200.0 | 195.1 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.556 | 3.553 | 0.003 | 97 | 160008 | 50.0 | 50.0 | |
| 54 Carbon tetrachloride | 117 | 3.647 | 3.645 | 0.002 | 95 | 701306 | 200.0 | 198.2 | |
| 55 1,1-Dichloropropene | 75 | 3.672 | 3.675 | -0.003 | 96 | 748854 | 200.0 | 198.0 | |
| 56 Isobutyl alcohol | 43 | 3.805 | 3.815 | -0.010 | 95 | 448780 | 5000.0 | 5129.4 | |
| 57 Isooctane | 57 | 3.824 | 3.821 | 0.003 | 96 | 503163 | 200.0 | 195.8 | a |
| 58 Benzene | 78 | 3.854 | 3.852 | 0.002 | 94 | 2278558 | 200.0 | 181.0 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.872 | 3.870 | 0.002 | 0 | 126708 | 50.0 | 52.5 | |
| 60 Isopropyl acetate | 43 | 3.909 | 3.912 | -0.003 | 84 | 1194042 | 200.0 | 207.2 | |
| 61 Tert-amyl methyl ether | 55 | 3.915 | 3.918 | -0.003 | 86 | 289481 | 200.0 | 156.8 | |
| 62 1,2-Dichloroethane | 62 | 3.939 | 3.943 | -0.004 | 95 | 658501 | 200.0 | 192.3 | |
| 63 n-Heptane | 57 | 4.000 | 4.004 | -0.004 | 90 | 138288 | 200.0 | 213.5 | |
| * 64 Fluorobenzene | 96 | 4.128 | 4.125 | 0.003 | 100 | 562494 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.468 | 4.472 | -0.004 | 96 | 649203 | 200.0 | 198.1 | |
| 66 n-Butanol | 56 | 4.444 | 4.490 | -0.046 | 86 | 239518 | 5000.0 | 6093.8 | |
| 67 Methylcyclohexane | 83 | 4.584 | 4.582 | 0.002 | 81 | 377752 | 200.0 | 199.7 | |
| 68 Ethyl acrylate | 55 | 4.596 | 4.600 | -0.004 | 98 | 757255 | 200.0 | 210.7 | |
| 69 1,2-Dichloropropane | 63 | 4.748 | 4.752 | -0.004 | 94 | 527277 | 200.0 | 208.6 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.821 | 4.819 | 0.002 | 0 | 15404 | 1000.0 | 1000.0 | M |
| 71 Methyl methacrylate | 100 | 4.840 | 4.843 | -0.003 | 82 | 254472 | 400.0 | 462.8 | |
| 72 Dibromomethane | 93 | 4.882 | 4.880 | 0.002 | 98 | 457729 | 200.0 | 201.6 | |
| 73 1,4-Dioxane | 88 | 4.870 | 4.886 | -0.016 | 74 | 104907 | 4000.0 | 4085.6 | |
| 74 n-Propyl acetate | 43 | 4.900 | 4.910 | -0.010 | 97 | 510205 | 200.0 | 232.2 | |
| 75 Dichlorobromomethane | 83 | 5.040 | 5.044 | -0.004 | 97 | 778834 | 200.0 | 215.6 | |
| 76 2-Nitropropane | 41 | 5.381 | 5.385 | -0.004 | 97 | 187909 | 400.0 | 450.3 | |
| 77 2-Chloroethyl vinyl ether | 63 | 5.399 | 5.403 | -0.004 | 94 | 318269 | 200.5 | 236.7 | |
| 78 Epichlorohydrin | 57 | 5.503 | 5.506 | -0.003 | 99 | 853574 | 4000.0 | 4662.4 | |
| 79 cis-1,3-Dichloropropene | 75 | 5.557 | 5.561 | -0.004 | 87 | 887845 | 200.0 | 202.1 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.734 | 5.737 | -0.003 | 94 | 1695873 | 1000.0 | 985.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.807 | 5.804 | 0.003 | 99 | 421145 | 50.0 | 49.7 | |
| 82 Toluene | 91 | 5.886 | 5.889 | -0.003 | 93 | 2126921 | 200.0 | 196.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 trans-1,3-Dichloropropene | 75 | 6.287 | 6.291 | -0.004 | 93 | 744512 | 200.0 | 220.9 | |
| 84 Ethyl methacrylate | 69 | 6.330 | 6.334 | -0.004 | 86 | 522368 | 200.0 | 232.6 | |
| 85 1,1,2-Trichloroethane | 83 | 6.512 | 6.516 | -0.004 | 96 | 440312 | 200.0 | 196.7 | |
| 86 Tetrachloroethene | 166 | 6.543 | 6.546 | -0.003 | 94 | 473945 | 200.0 | 188.5 | |
| 87 1,3-Dichloropropane | 76 | 6.744 | 6.741 | 0.003 | 88 | 720891 | 200.0 | 204.2 | |
| 88 2-Hexanone | 58 | 6.829 | 6.832 | -0.003 | 93 | 699230 | 1000.0 | 1141.5 | |
| 89 n-Butyl acetate | 43 | 6.975 | 6.984 | -0.009 | 99 | 495305 | 200.0 | 219.5 | |
| 90 Chlorodibromomethane | 129 | 6.993 | 6.997 | -0.004 | 97 | 670067 | 200.0 | 214.5 | |
| 91 Ethylene Dibromide | 107 | 7.151 | 7.149 | 0.002 | 99 | 603885 | 200.0 | 206.3 | |
| * 92 Chlorobenzene-d5 | 117 | 7.766 | 7.763 | 0.003 | 81 | 392310 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.802 | 7.800 | 0.002 | 99 | 1392600 | 200.0 | 201.3 | |
| 94 Ethylbenzene | 106 | 7.918 | 7.921 | -0.003 | 97 | 546820 | 200.0 | 191.7 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.936 | 7.934 | 0.002 | 96 | 543791 | 200.0 | 189.3 | |
| 96 m-Xylene & p-Xylene | 106 | 8.076 | 8.080 | -0.004 | 0 | 663250 | 200.0 | 195.4 | |
| 97 o-Xylene | 106 | 8.544 | 8.548 | -0.004 | 96 | 717403 | 200.0 | 192.4 | |
| 98 n-Butyl acrylate | 73 | 8.575 | 8.578 | -0.003 | 97 | 317596 | 200.0 | 215.9 | |
| 99 Styrene | 104 | 8.581 | 8.584 | -0.003 | 97 | 1226304 | 200.0 | 214.2 | |
| 100 Bromoform | 173 | 8.800 | 8.803 | -0.003 | 98 | 401895 | 200.0 | 213.0 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.830 | 8.828 | 0.002 | 91 | 580346 | 200.0 | 207.5 | |
| 137 (-)-a-Pinene | 93 | 8.867 | 8.864 | 0.003 | 0 | 361322 | 200.0 | 215.3 | |
| 102 Isopropylbenzene | 105 | 8.946 | 8.943 | 0.003 | 95 | 1200452 | 200.0 | 188.5 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.147 | 9.150 | -0.003 | 96 | 109076 | 50.0 | 50.4 | |
| 104 Bromobenzene | 156 | 9.268 | 9.272 | -0.004 | 90 | 560172 | 200.0 | 197.3 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.353 | 9.351 | 0.002 | 99 | 609150 | 200.0 | 198.2 | |
| 106 N-Propylbenzene | 91 | 9.360 | 9.363 | -0.003 | 100 | 1292461 | 200.0 | 196.7 | |
| 107 1,2,3-Trichloropropane | 110 | 9.384 | 9.387 | -0.003 | 96 | 144492 | 200.0 | 189.6 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.414 | 9.418 | -0.004 | 93 | 95449 | 200.0 | 225.2 | |
| 109 2-Chlorotoluene | 91 | 9.457 | 9.454 | 0.003 | 97 | 1120378 | 200.0 | 194.6 | |
| 110 4-Ethyltoluene | 105 | 9.475 | 9.479 | -0.004 | 98 | 1142369 | 200.0 | 200.0 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.542 | 9.546 | -0.004 | 93 | 969949 | 200.0 | 196.7 | |
| 112 4-Chlorotoluene | 91 | 9.572 | 9.570 | 0.002 | 95 | 1107088 | 200.0 | 197.6 | |
| 113 Butyl Methacrylate | 87 | 9.664 | 9.667 | -0.003 | 83 | 547619 | 200.0 | 226.2 | |
| 114 tert-Butylbenzene | 119 | 9.828 | 9.825 | 0.003 | 94 | 787827 | 200.0 | 203.9 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.889 | 9.886 | 0.003 | 96 | 1034862 | 200.0 | 196.5 | |
| 116 sec-Butylbenzene | 105 | 10.029 | 10.026 | 0.003 | 100 | 1026316 | 200.0 | 196.5 | |
| 117 1,3-Dichlorobenzene | 146 | 10.150 | 10.148 | 0.002 | 98 | 733084 | 200.0 | 199.0 | |
| 118 4-Isopropyltoluene | 119 | 10.163 | 10.160 | 0.003 | 98 | 925266 | 200.0 | 201.7 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.217 | 10.215 | 0.002 | 92 | 166250 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.236 | 10.233 | 0.003 | 96 | 758606 | 200.0 | 196.5 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.260 | 10.257 | 0.003 | 97 | 1193906 | 200.0 | 195.9 | |
| 122 Benzyl chloride | 91 | 10.369 | 10.367 | 0.002 | 100 | 957198 | 200.0 | 220.2 | |
| 123 2,3-Dihydroindene | 117 | 10.418 | 10.422 | -0.004 | 94 | 1227265 | 200.0 | 199.9 | |
| 124 p-Diethylbenzene | 119 | 10.485 | 10.482 | 0.003 | 95 | 512461 | 200.0 | 194.5 | |
| 125 n-Butylbenzene | 92 | 10.503 | 10.507 | -0.004 | 97 | 406918 | 200.0 | 195.9 | |
| 126 1,2-Dichlorobenzene | 146 | 10.546 | 10.549 | -0.003 | 98 | 796839 | 200.0 | 194.8 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.112 | 11.115 | -0.003 | 97 | 858333 | 200.0 | 185.0 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.197 | 11.194 | 0.003 | 88 | 150744 | 200.0 | 202.9 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.306 | 11.304 | 0.002 | 97 | 378829 | 200.0 | 184.7 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.781 | 11.784 | -0.003 | 94 | 384427 | 200.0 | 192.4 | |
| 131 Hexachlorobutadiene | 225 | 11.866 | 11.863 | 0.003 | 94 | 134250 | 200.0 | 187.4 | |
| 132 Naphthalene | 128 | 11.963 | 11.961 | 0.002 | 99 | 1333290 | 200.0 | 179.1 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.140 | 12.137 | 0.003 | 97 | 320373 | 200.0 | 181.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 383.8 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 400.0 | 387.9 | |
| S 136 Total BTEX | 1 | | | | 0 | | 1000.0 | 957.3 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00186 | Amount Added: | 20.00 | Units: uL | |
| MIX I Hi_00191 | Amount Added: | 20.00 | Units: uL | |
| GAS Hi_00500 | Amount Added: | 20.00 | Units: uL | |
| MIX 2 Hi_00164 | Amount Added: | 20.00 | Units: uL | |
| Ethanol mix_00104 | Amount Added: | 20.00 | Units: uL | |
| 7 Freons Hi_00030 | Amount Added: | 20.00 | Units: uL | |
| alpha-Pinene_00013 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00255 | Amount Added: | 1.00 | Units: uL | Run Reagent |

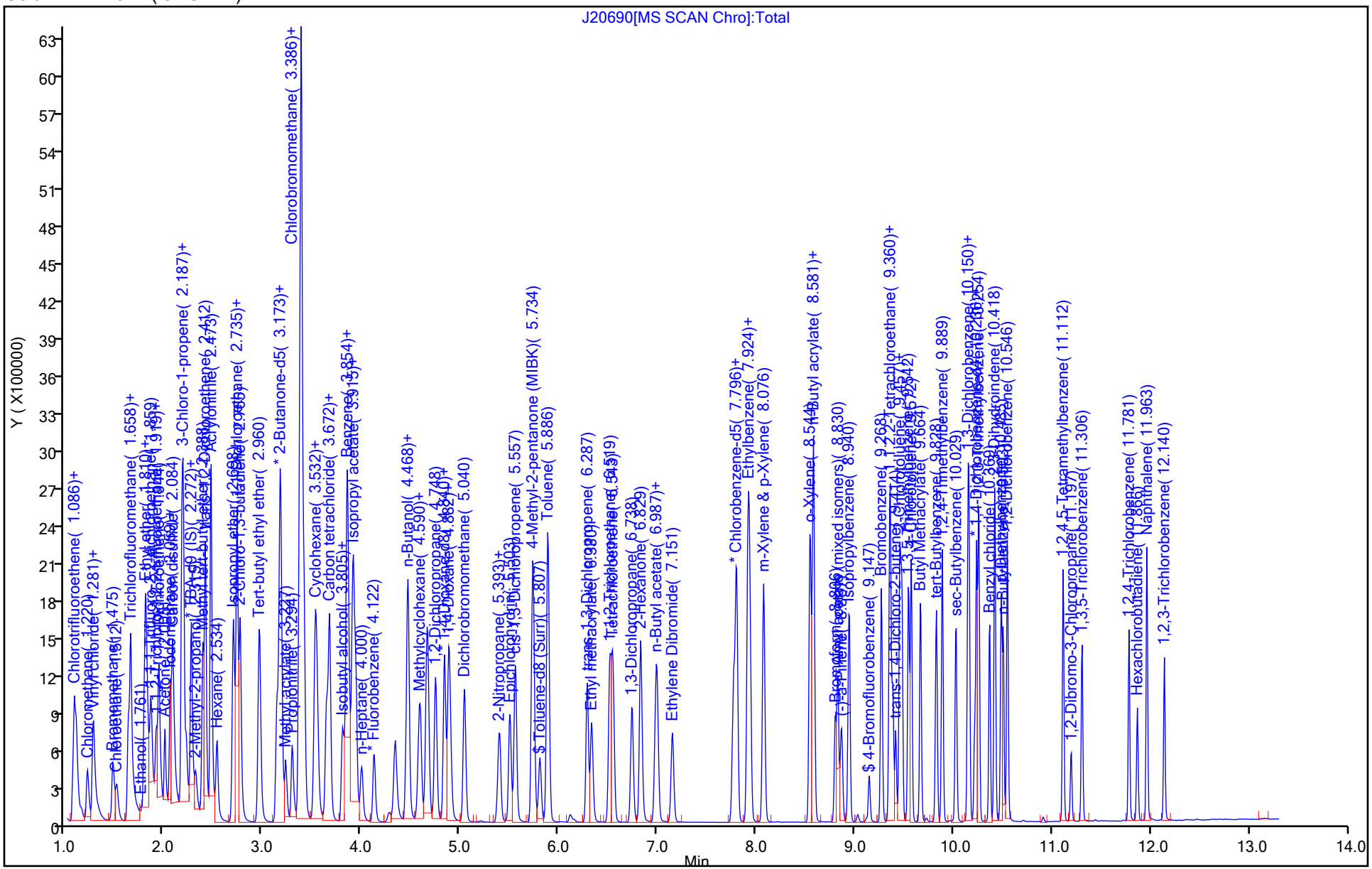
Report Date: 27-Jul-2025 13:38:48 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20690.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 17:32:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | STD200 | | | Worklist Smp#: | 10 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

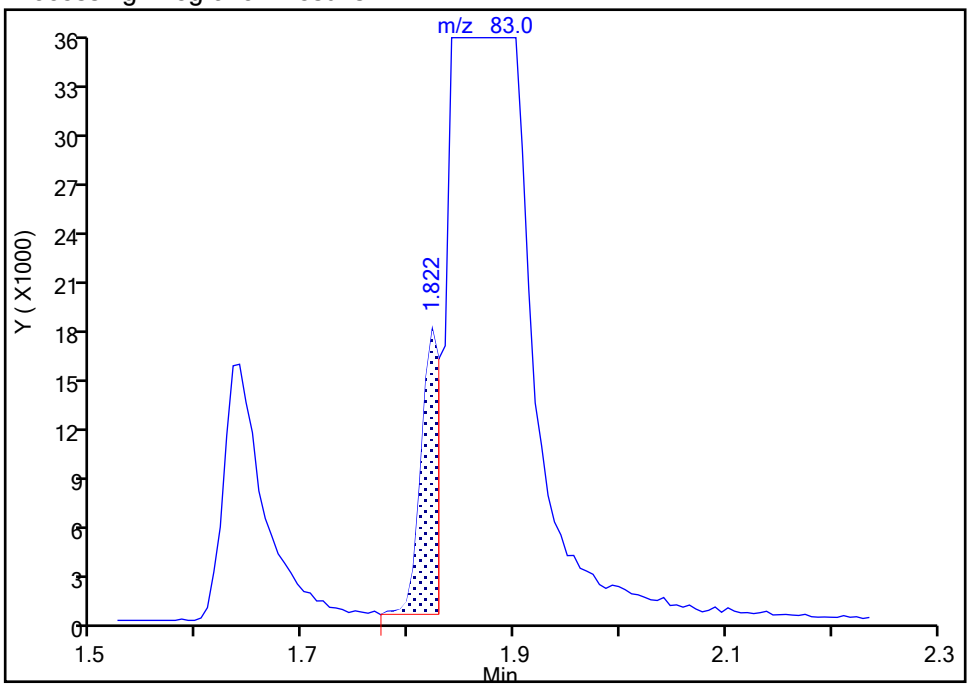
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20690.D
Injection Date: 26-Jul-2025 17:32:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

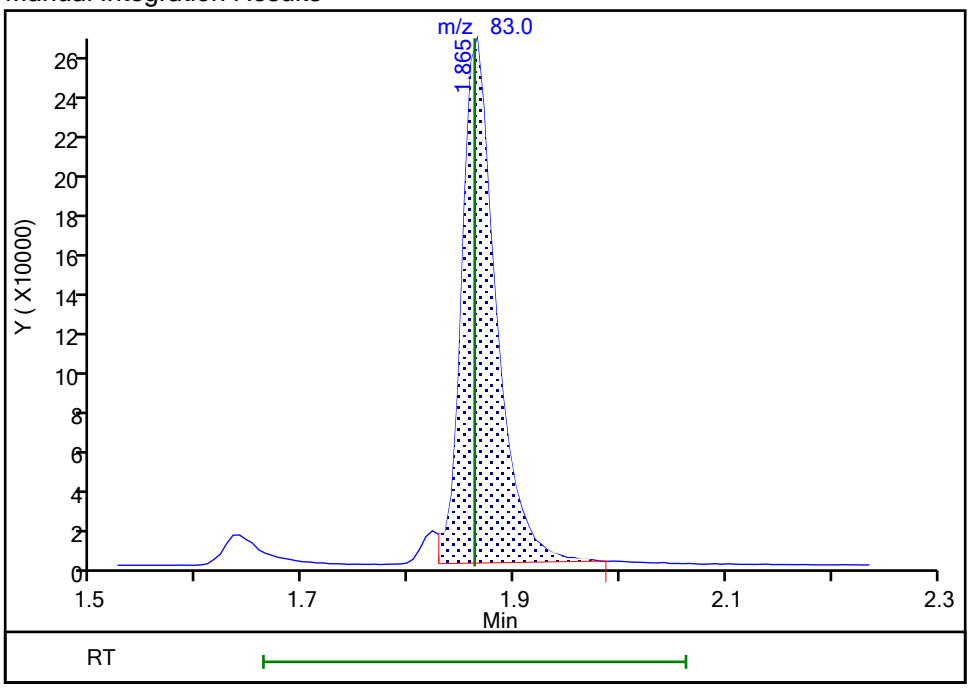
Processing Integration Results

RT: 1.82
Area: 21450
Amount: 8.057637
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 605739
Amount: 183.9539
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:53:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

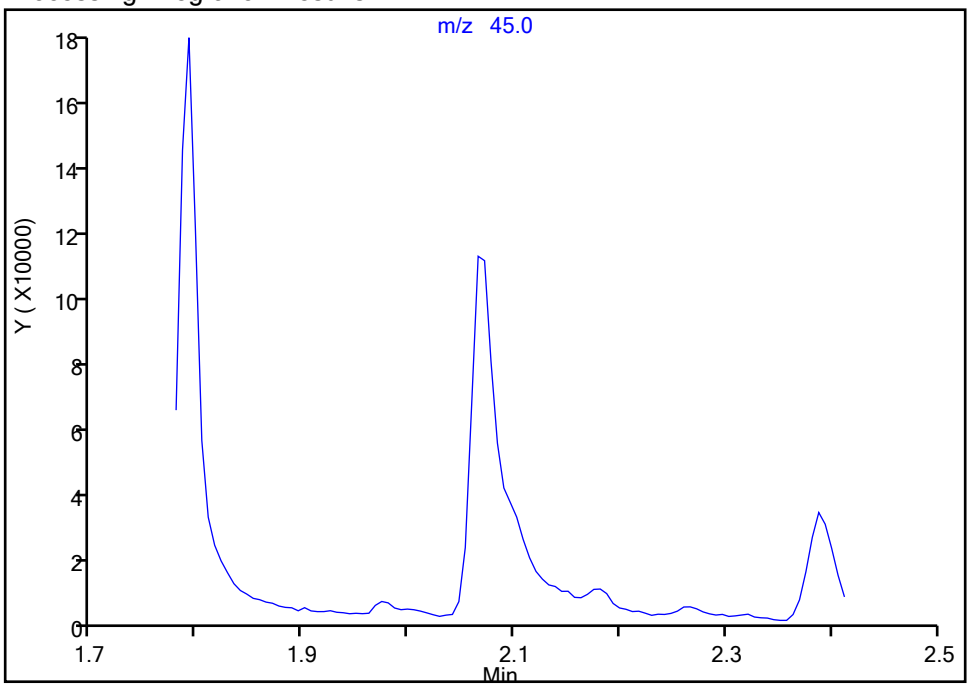
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20690.D
Injection Date: 26-Jul-2025 17:32:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

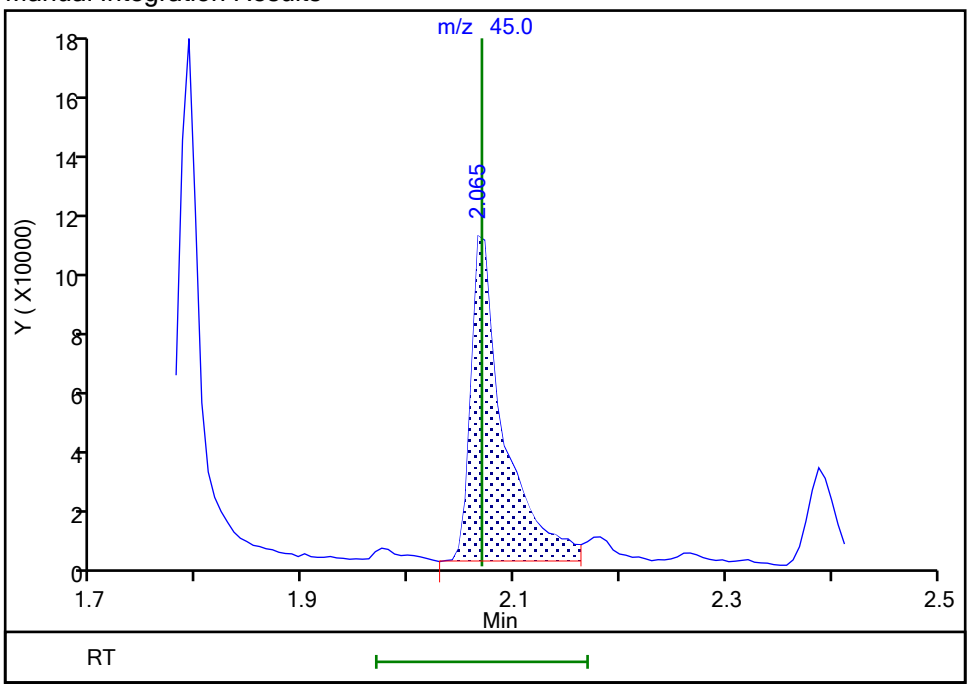
Not Detected
Expected RT: 2.07

Processing Integration Results




Manual Integration Results

RT: 2.07
Area: 239395
Amount: 2013.9391
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:54:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

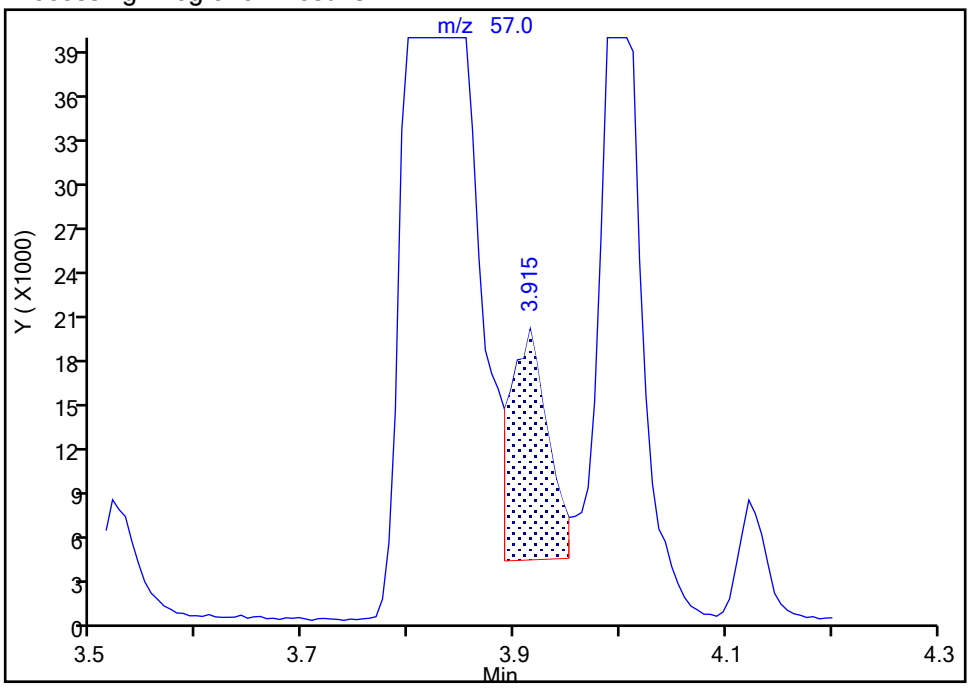
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20690.D
Injection Date: 26-Jul-2025 17:32:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 Isooctane, CAS: 540-84-1

Signal: 1

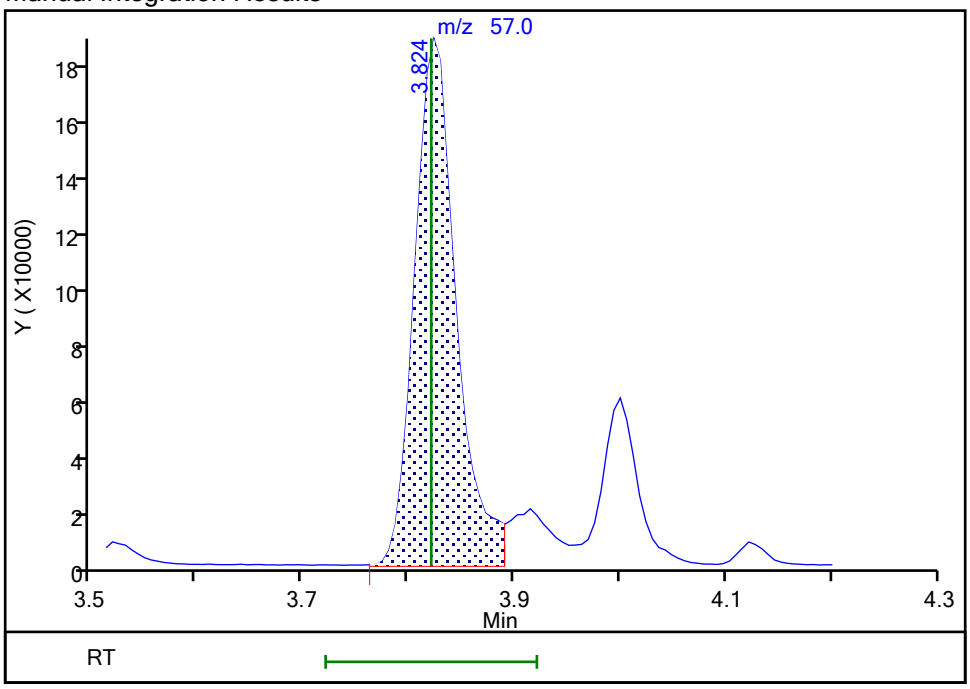
Processing Integration Results

RT: 3.91
Area: 39611
Amount: 15.940233
Amount Units: ug/l




Manual Integration Results

RT: 3.82
Area: 503163
Amount: 195.8077
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:54:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

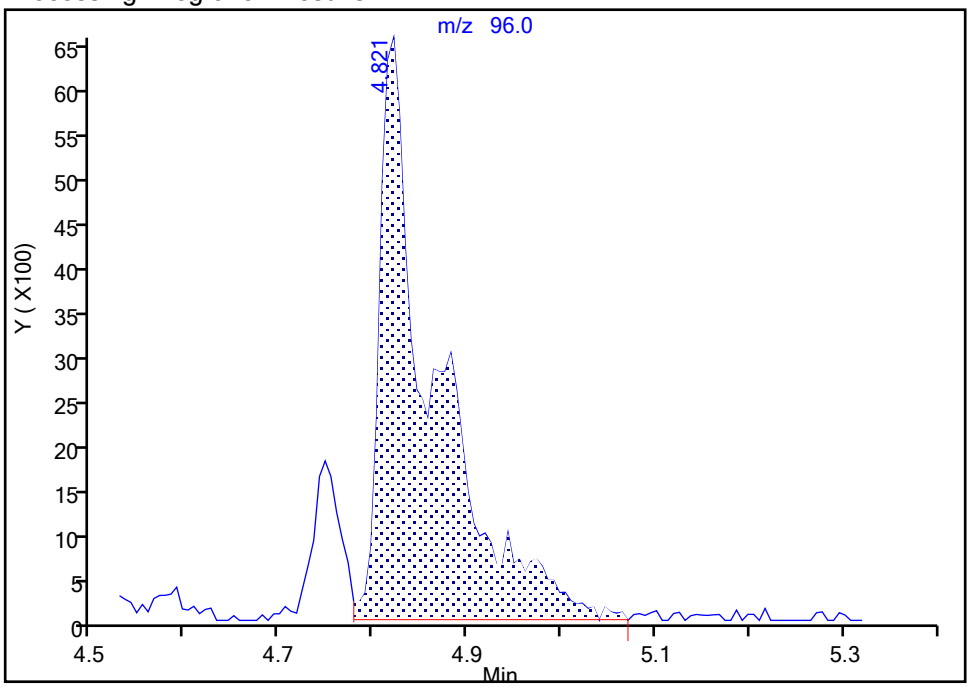
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20690.D
Injection Date: 26-Jul-2025 17:32:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## * 70 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

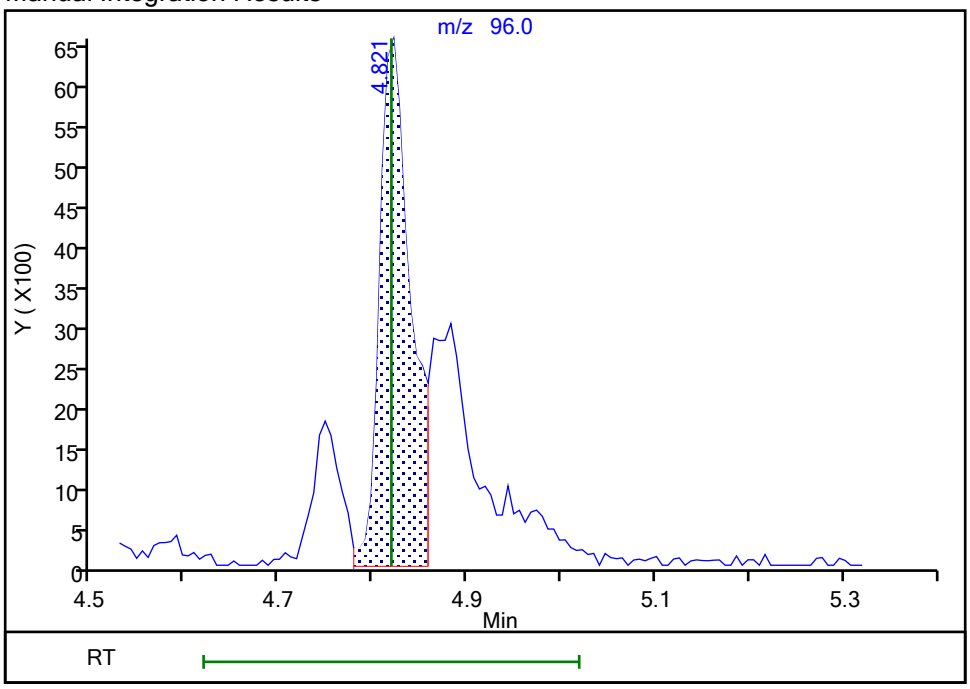
Processing Integration Results

RT: 4.82
Area: 26484
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 4.82
Area: 15404
Amount: 1000.0000
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:56:56 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 26-Jul-2025 17:56:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0194147-011
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub82

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:39:04 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 27-Jul-2025 12:56:44

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 118 | 1.064 | 1.065 | -0.001 | 86 | 157208 | 500.0 | 492.7 | |
| 2 Dichlorodifluoromethane | 85 | 1.089 | 1.090 | -0.001 | 99 | 2032564 | 500.0 | 496.2 | |
| 3 Chlorodifluoromethane | 67 | 1.107 | 1.102 | 0.005 | 97 | 190977 | 500.0 | 430.6 | |
| 4 Chloromethane | 50 | 1.216 | 1.217 | -0.001 | 99 | 1289275 | 500.0 | 477.6 | |
| 5 Vinyl chloride | 62 | 1.271 | 1.266 | 0.005 | 98 | 1167620 | 500.0 | 506.3 | |
| 6 Butadiene | 54 | 1.283 | 1.272 | 0.011 | 94 | 981056 | 500.0 | 504.2 | |
| 7 Bromomethane | 94 | 1.478 | 1.473 | 0.005 | 100 | 1015583 | 500.0 | 445.9 | |
| 8 Chloroethane | 64 | 1.521 | 1.515 | 0.006 | 100 | 507900 | 500.0 | 421.7 | |
| 9 Dichlorofluoromethane | 67 | 1.636 | 1.631 | 0.005 | 98 | 1827278 | 500.0 | 461.7 | |
| 10 Trichlorofluoromethane | 101 | 1.636 | 1.631 | 0.005 | 98 | 1754079 | 500.0 | 464.1 | |
| 11 Pentane | 43 | 1.654 | 1.655 | -0.001 | 94 | 1179575 | 1000.0 | 772.2 | |
| 12 Ethanol | 46 | 1.764 | 1.765 | -0.001 | 97 | 136246 | 20000 | 19483 | a |
| 13 Ethyl ether | 59 | 1.788 | 1.789 | -0.001 | 95 | 746762 | 500.0 | 448.6 | |
| 14 2-Methyl-1,3-butadiene | 53 | 1.807 | 1.807 | 0.000 | 94 | 759632 | 500.0 | 449.1 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.825 | 1.820 | 0.005 | 88 | 1121007 | 500.0 | 443.2 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.861 | 1.862 | -0.001 | 93 | 1619979 | 500.0 | 459.4 | a |
| 18 Acrolein | 56 | 1.916 | 1.917 | -0.001 | 93 | 123153 | 400.0 | 366.9 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.922 | 1.917 | 0.005 | 98 | 1064961 | 500.0 | 507.3 | |
| 19 1,1-Dichloroethene | 96 | 1.940 | 1.941 | -0.001 | 92 | 1249892 | 500.0 | 474.4 | |
| 20 Acetone | 43 | 2.001 | 2.002 | -0.001 | 89 | 1624774 | 2500.0 | 2551.0 | |
| 21 Iodomethane | 142 | 2.062 | 2.057 | 0.005 | 97 | 3153928 | 500.0 | 460.6 | |
| 22 Isopropyl alcohol | 45 | 2.068 | 2.069 | -0.001 | 99 | 558261 | 5000.0 | 4626.0 | a |
| 23 Carbon disulfide | 76 | 2.086 | 2.081 | 0.005 | 98 | 4402006 | 500.0 | 471.2 | |
| 24 3-Chloro-1-propene | 76 | 2.172 | 2.172 | 0.000 | 94 | 1434590 | 500.0 | 602.1 | |
| 25 Methyl acetate | 43 | 2.178 | 2.179 | -0.001 | 97 | 1655202 | 1000.0 | 986.4 | |
| 26 Cyclopentene | 67 | 2.190 | 2.191 | -0.001 | 96 | 3351066 | 500.0 | 440.8 | |
| 27 Acetonitrile | 41 | 2.226 | 2.221 | 0.005 | 98 | 858513 | 5000.0 | 3316.9 | a |
| * 28 TBA-d9 (IS) | 65 | 2.269 | 2.264 | 0.005 | 83 | 225976 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.269 | 2.270 | -0.001 | 84 | 1565628 | 500.0 | 435.3 | |
| 30 2-Methyl-2-propanol | 59 | 2.318 | 2.318 | 0.000 | 98 | 1069624 | 5000.0 | 4744.9 | |

| 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 | 2.391 | 2.391 | 0.000 | 96 | 3548141 | 500.0 | 450.1 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.415 | 2.416 | -0.001 | 88 | 1711487 | 500.0 | 447.1 | |
| 33 Acrylonitrile | 53 | 2.476 | 2.471 | 0.005 | 93 | 4483080 | 5000.0 | 4747.7 | |
| 34 Hexane | 57 | 2.531 | 2.531 | -0.001 | 91 | 715196 | 500.0 | 495.4 | |
| 35 Isopropyl ether | 45 | 2.701 | 2.702 | -0.001 | 97 | 3301410 | 500.0 | 442.5 | |
| 36 1,1-Dichloroethane | 63 | 2.731 | 2.732 | -0.001 | 98 | 2521974 | 500.0 | 451.5 | |
| 37 Vinyl acetate | 43 | 2.737 | 2.738 | -0.001 | 100 | 4513143 | 1000.0 | 1029.7 | |
| 38 2-Chloro-1,3-butadiene | 88 | 2.768 | 2.769 | -0.001 | 85 | 1430309 | 500.0 | 476.2 | |
| 39 Tert-butyl ethyl ether | 59 | 2.962 | 2.963 | -0.001 | 90 | 3563485 | 500.0 | 456.8 | |
| * 40 2-Butanone-d5 | 46 | 3.139 | 3.134 | 0.005 | 80 | 241633 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.145 | 3.140 | 0.005 | 90 | 526448 | 500.0 | 428.3 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.169 | 3.170 | -0.001 | 94 | 1886580 | 500.0 | 452.7 | |
| 43 2-Butanone (MEK) | 72 | 3.181 | 3.182 | -0.001 | 97 | 750295 | 2500.0 | 2387.8 | |
| 44 Ethyl acetate | 70 | 3.181 | 3.188 | -0.007 | 94 | 288354 | 1000.0 | 999.0 | |
| 45 Methyl acrylate | 55 | 3.230 | 3.237 | -0.007 | 99 | 1048453 | 500.0 | 528.1 | |
| 46 Propionitrile | 54 | 3.297 | 3.298 | -0.001 | 98 | 1700675 | 5000.0 | 5238.8 | |
| 47 Chlorobromomethane | 128 | 3.370 | 3.365 | 0.005 | 71 | 1035832 | 500.0 | 447.3 | |
| 48 Tetrahydrofuran | 72 | 3.364 | 3.371 | -0.007 | 68 | 334145 | 1000.0 | 853.0 | |
| 49 Methacrylonitrile | 67 | 3.394 | 3.383 | 0.011 | 86 | 4862945 | 5000.0 | 4239.4 | |
| 50 Chloroform | 83 | 3.419 | 3.414 | 0.005 | 98 | 2775297 | 500.0 | 443.9 | |
| 51 Cyclohexane | 84 | 3.522 | 3.523 | -0.001 | 85 | 1096766 | 500.0 | 474.7 | |
| 52 1,1,1-Trichloroethane | 97 | 3.534 | 3.535 | -0.001 | 96 | 2041671 | 500.0 | 468.2 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.553 | 3.553 | 0.000 | 97 | 173202 | 50.0 | 50.5 | |
| 54 Carbon tetrachloride | 117 | 3.644 | 3.645 | -0.001 | 95 | 1792862 | 500.0 | 473.1 | |
| 55 1,1-Dichloropropene | 75 | 3.674 | 3.675 | -0.001 | 95 | 1972809 | 500.0 | 487.2 | |
| 56 Isobutyl alcohol | 43 | 3.808 | 3.815 | -0.007 | 96 | 1108795 | 12500 | 12454 | |
| 57 Isooctane | 57 | 3.826 | 3.821 | 0.005 | 95 | 1232110 | 500.0 | 447.8 | a |
| 58 Benzene | 78 | 3.851 | 3.852 | -0.001 | 94 | 5599300 | 500.0 | 451.0 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.875 | 3.870 | 0.005 | 0 | 131893 | 50.0 | 51.1 | |
| 60 Isopropyl acetate | 43 | 3.911 | 3.912 | -0.001 | 97 | 2935922 | 500.0 | 475.8 | |
| 61 Tert-amyl methyl ether | 55 | 3.918 | 3.918 | 0.000 | 96 | 678866 | 500.0 | 343.5 | |
| 62 1,2-Dichloroethane | 62 | 3.942 | 3.943 | -0.001 | 95 | 1661511 | 500.0 | 453.1 | |
| 63 n-Heptane | 57 | 3.997 | 4.004 | -0.007 | 90 | 368054 | 500.0 | 530.7 | |
| * 64 Fluorobenzene | 96 | 4.124 | 4.125 | -0.001 | 100 | 602327 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.471 | 4.472 | -0.001 | 95 | 1679745 | 500.0 | 478.7 | |
| 66 n-Butanol | 56 | 4.447 | 4.490 | -0.043 | 86 | 631506 | 12500 | 15826 | |
| 67 Methylcyclohexane | 83 | 4.581 | 4.582 | -0.001 | 81 | 957847 | 500.0 | 472.8 | |
| 68 Ethyl acrylate | 55 | 4.593 | 4.600 | -0.007 | 99 | 1899115 | 500.0 | 492.6 | |
| 69 1,2-Dichloropropane | 63 | 4.751 | 4.752 | -0.001 | 93 | 1302477 | 500.0 | 481.2 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.818 | 4.819 | -0.001 | 0 | 14675 | 1000.0 | 1000.0 | |
| 71 Methyl methacrylate | 100 | 4.842 | 4.843 | -0.001 | 82 | 652056 | 1000.0 | 1107.5 | |
| 72 Dibromomethane | 93 | 4.885 | 4.880 | 0.005 | 98 | 1144168 | 500.0 | 470.5 | |
| 73 1,4-Dioxane | 88 | 4.873 | 4.886 | -0.013 | 80 | 284307 | 10000 | 9991.0 | |
| 74 n-Propyl acetate | 43 | 4.903 | 4.910 | -0.007 | 97 | 1299799 | 500.0 | 552.5 | |
| 75 Dichlorobromomethane | 83 | 5.043 | 5.044 | -0.001 | 97 | 1983461 | 500.0 | 512.7 | |
| 76 2-Nitropropane | 41 | 5.384 | 5.385 | -0.001 | 97 | 468392 | 1000.0 | 1105.7 | |
| 77 2-Chloroethyl vinyl ether | 63 | 5.402 | 5.403 | -0.001 | 95 | 807684 | 501.2 | 560.9 | |
| 78 Epichlorohydrin | 57 | 5.505 | 5.506 | -0.001 | 99 | 2199884 | 10000 | 11496 | |
| 79 cis-1,3-Dichloropropene | 75 | 5.560 | 5.561 | -0.001 | 86 | 2353392 | 500.0 | 543.3 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.736 | 5.737 | -0.001 | 93 | 4183099 | 2500.0 | 2324.4 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.809 | 5.804 | 0.005 | 98 | 462963 | 50.0 | 55.4 | |
| 82 Toluene | 91 | 5.889 | 5.889 | 0.000 | 93 | 5348884 | 500.0 | 501.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 trans-1,3-Dichloropropene | 75 | 6.290 | 6.291 | -0.001 | 91 | 1854078 | 500.0 | 557.7 | |
| 84 Ethyl methacrylate | 69 | 6.333 | 6.334 | -0.001 | 85 | 1325001 | 500.0 | 550.9 | |
| 85 1,1,2-Trichloroethane | 83 | 6.515 | 6.516 | -0.001 | 96 | 1095955 | 500.0 | 496.4 | |
| 86 Tetrachloroethene | 166 | 6.552 | 6.546 | 0.006 | 95 | 1191718 | 500.0 | 480.6 | |
| 87 1,3-Dichloropropane | 76 | 6.740 | 6.741 | -0.001 | 89 | 1756011 | 500.0 | 504.2 | |
| 88 2-Hexanone | 58 | 6.832 | 6.832 | 0.000 | 93 | 1706066 | 2500.0 | 2664.6 | |
| 89 n-Butyl acetate | 43 | 6.978 | 6.984 | -0.006 | 99 | 1206579 | 500.0 | 542.1 | |
| 90 Chlorodibromomethane | 129 | 6.996 | 6.997 | -0.001 | 97 | 1702203 | 500.0 | 552.6 | |
| 91 Ethylene Dibromide | 107 | 7.154 | 7.149 | 0.005 | 98 | 1496297 | 500.0 | 518.2 | |
| * 92 Chlorobenzene-d5 | 117 | 7.768 | 7.763 | 0.005 | 81 | 386931 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.805 | 7.800 | 0.005 | 99 | 3375209 | 500.0 | 494.8 | |
| 94 Ethylbenzene | 106 | 7.920 | 7.921 | -0.001 | 97 | 1375002 | 500.0 | 488.7 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.933 | 7.934 | -0.001 | 97 | 1329976 | 500.0 | 469.3 | |
| 96 m-Xylene & p-Xylene | 106 | 8.079 | 8.080 | -0.001 | 0 | 1654065 | 500.0 | 494.2 | |
| 97 o-Xylene | 106 | 8.547 | 8.548 | -0.001 | 96 | 1698306 | 500.0 | 461.9 | |
| 98 n-Butyl acrylate | 73 | 8.571 | 8.578 | -0.007 | 98 | 718807 | 500.0 | 495.3 | |
| 99 Styrene | 104 | 8.584 | 8.584 | 0.000 | 97 | 2931066 | 500.0 | 519.0 | |
| 100 Bromoform | 173 | 8.803 | 8.803 | 0.000 | 98 | 1054527 | 500.0 | 566.6 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.827 | 8.828 | -0.001 | 91 | 1330373 | 500.0 | 468.7 | |
| 137 (-)-a-Pinene | 93 | 8.863 | 8.864 | -0.001 | 0 | 897188 | 500.0 | 542.0 | |
| 102 Isopropylbenzene | 105 | 8.942 | 8.943 | -0.001 | 95 | 2801653 | 500.0 | 446.1 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.149 | 9.150 | -0.001 | 99 | 113551 | 50.0 | 53.2 | |
| 104 Bromobenzene | 156 | 9.271 | 9.272 | -0.001 | 87 | 1432698 | 500.0 | 497.2 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.350 | 9.351 | -0.001 | 98 | 1499673 | 500.0 | 480.8 | |
| 106 N-Propylbenzene | 91 | 9.362 | 9.363 | -0.001 | 100 | 3128842 | 500.0 | 469.2 | |
| 107 1,2,3-Trichloropropane | 110 | 9.387 | 9.387 | 0.000 | 96 | 374260 | 500.0 | 484.0 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.417 | 9.418 | -0.001 | 96 | 259838 | 500.0 | 604.3 | |
| 109 2-Chlorotoluene | 91 | 9.460 | 9.454 | 0.006 | 96 | 2747215 | 500.0 | 470.3 | |
| 110 4-Ethyltoluene | 105 | 9.478 | 9.479 | -0.001 | 97 | 2732975 | 500.0 | 471.5 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.545 | 9.546 | -0.001 | 93 | 2413475 | 500.0 | 482.3 | |
| 112 4-Chlorotoluene | 91 | 9.575 | 9.570 | 0.005 | 95 | 2770078 | 500.0 | 487.2 | |
| 113 Butyl Methacrylate | 87 | 9.666 | 9.667 | -0.001 | 82 | 1389355 | 500.0 | 565.5 | |
| 114 tert-Butylbenzene | 119 | 9.831 | 9.825 | 0.006 | 94 | 1947281 | 500.0 | 496.6 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.885 | 9.886 | -0.001 | 96 | 2571401 | 500.0 | 481.2 | |
| 116 sec-Butylbenzene | 105 | 10.025 | 10.026 | -0.001 | 99 | 2688561 | 500.0 | 507.4 | |
| 117 1,3-Dichlorobenzene | 146 | 10.147 | 10.148 | -0.001 | 98 | 1889356 | 500.0 | 505.3 | |
| 118 4-Isopropyltoluene | 119 | 10.159 | 10.160 | -0.001 | 98 | 2383534 | 500.0 | 512.2 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.214 | 10.215 | -0.001 | 93 | 168695 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.238 | 10.233 | 0.005 | 96 | 1914123 | 500.0 | 488.6 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.257 | 10.257 | -0.001 | 97 | 2937044 | 500.0 | 475.0 | |
| 122 Benzyl chloride | 91 | 10.366 | 10.367 | -0.001 | 100 | 2424206 | 500.0 | 549.5 | |
| 123 2,3-Dihydroindene | 117 | 10.421 | 10.422 | -0.001 | 94 | 3074965 | 500.0 | 493.6 | |
| 124 p-Diethylbenzene | 119 | 10.488 | 10.482 | 0.006 | 94 | 1354186 | 500.0 | 506.5 | |
| 125 n-Butylbenzene | 92 | 10.506 | 10.507 | -0.001 | 97 | 1107655 | 500.0 | 525.6 | |
| 126 1,2-Dichlorobenzene | 146 | 10.549 | 10.549 | -0.001 | 98 | 2089733 | 500.0 | 503.5 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.114 | 11.115 | -0.001 | 98 | 2507393 | 500.0 | 532.7 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.193 | 11.194 | -0.001 | 89 | 424959 | 500.0 | 563.6 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.303 | 11.304 | -0.001 | 97 | 1055226 | 500.0 | 506.9 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.783 | 11.784 | -0.001 | 94 | 1014390 | 500.0 | 500.3 | |
| 131 Hexachlorobutadiene | 225 | 11.869 | 11.863 | 0.006 | 94 | 374916 | 500.0 | 515.8 | |
| 132 Naphthalene | 128 | 11.966 | 11.961 | 0.005 | 99 | 3344287 | 500.0 | 442.6 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.142 | 12.137 | 0.005 | 97 | 882438 | 500.0 | 493.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 899.8 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 956.1 | |
| S 136 Total BTEX | 1 | | | | 0 | | 2500.0 | 2397.4 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00186 | Amount Added: | 40.00 | Units: uL | |
| MIX I Hi_00191 | Amount Added: | 50.00 | Units: uL | |
| GAS Hi_00500 | Amount Added: | 50.00 | Units: uL | |
| MIX 2 Hi_00164 | Amount Added: | 50.00 | Units: uL | |
| Ethanol mix_00104 | Amount Added: | 50.00 | Units: uL | |
| 7 Freons Hi_00030 | Amount Added: | 50.00 | Units: uL | |
| alpha-Pinene_00013 | Amount Added: | 50.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00255 | Amount Added: | 1.00 | Units: uL | Run Reagent |

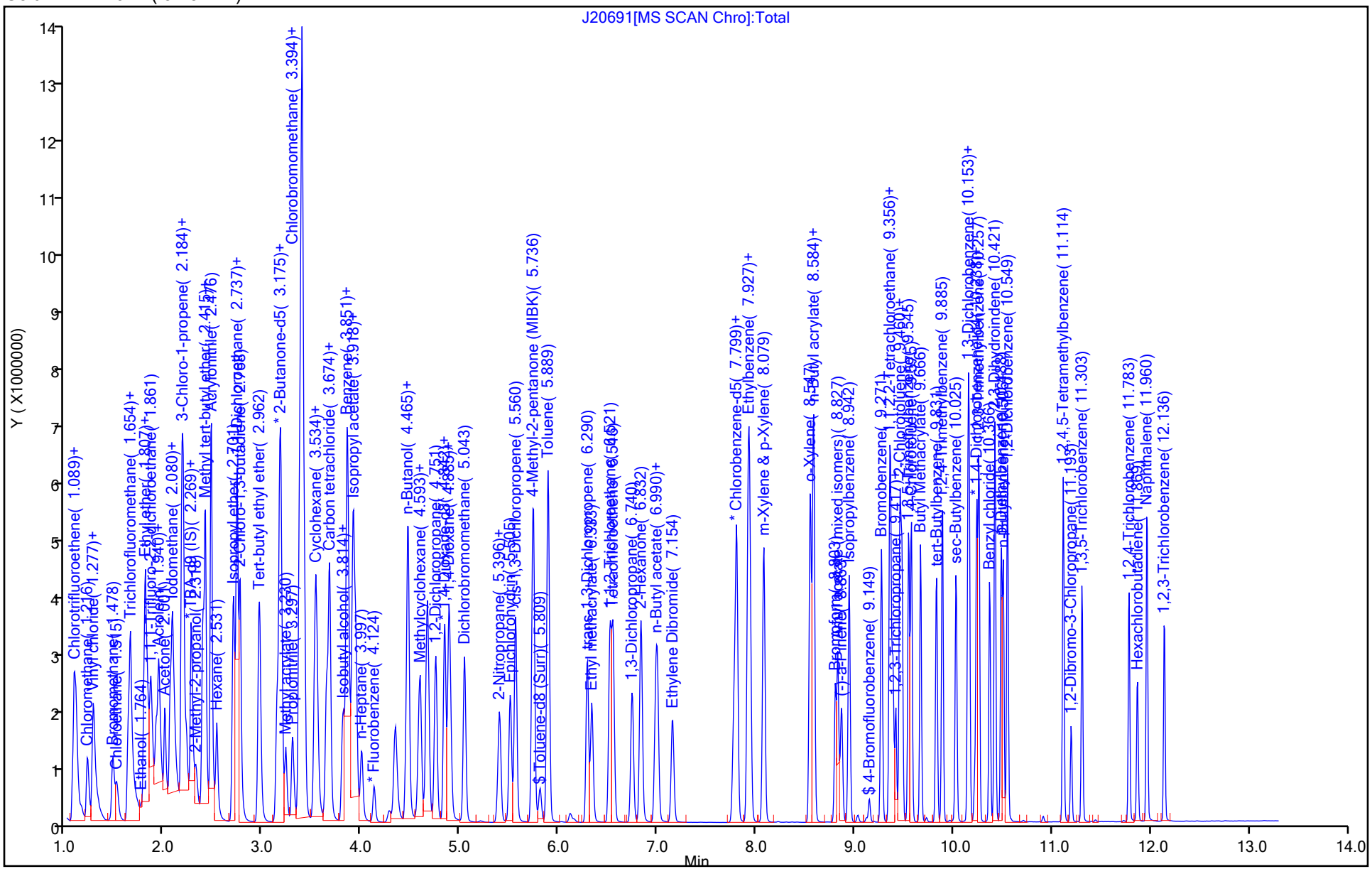
Report Date: 27-Jul-2025 13:39:05 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 17:56:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | STD500 | | | Worklist Smp#: | 11 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

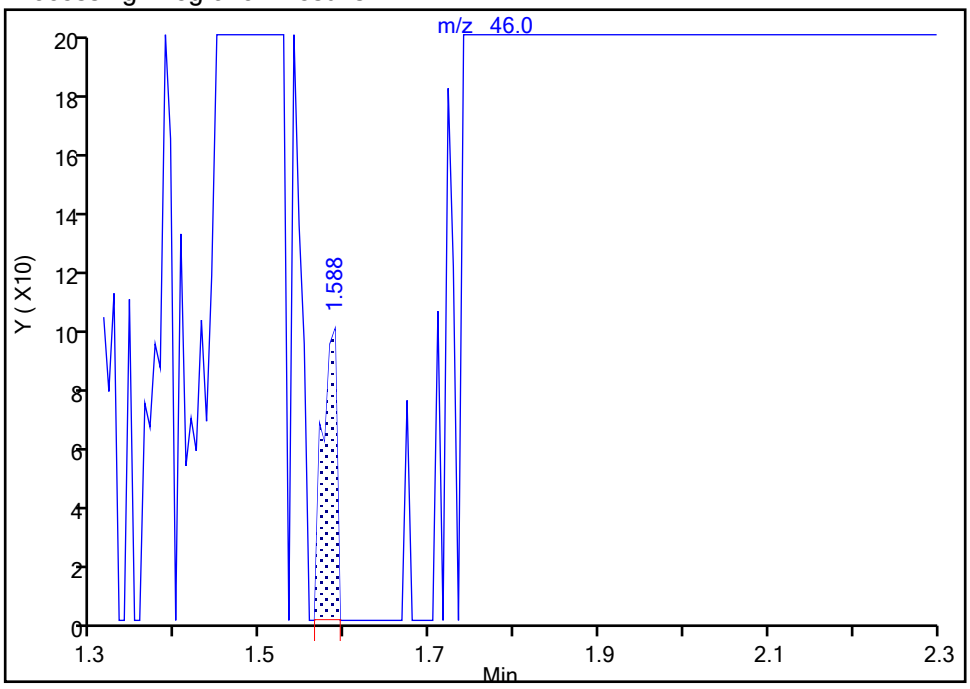
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D
Injection Date: 26-Jul-2025 17:56:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 Ethanol, CAS: 64-17-5

Signal: 1

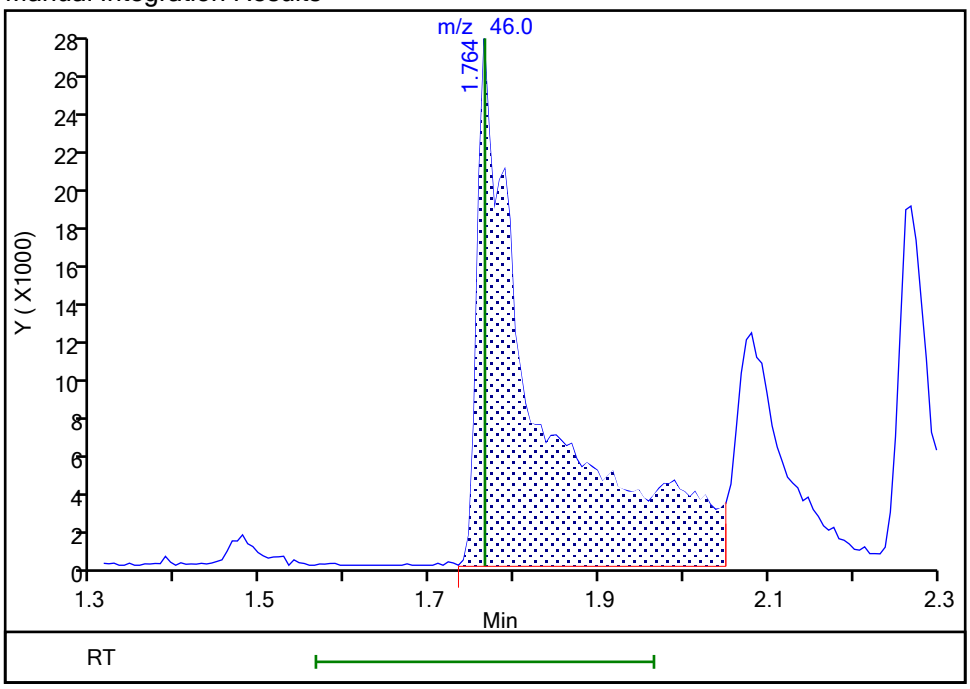
Processing Integration Results

RT: 1.59
Area: 115
Amount: 17.034780
Amount Units: ug/l




Manual Integration Results

RT: 1.76
Area: 136246
Amount: 19483
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:55:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

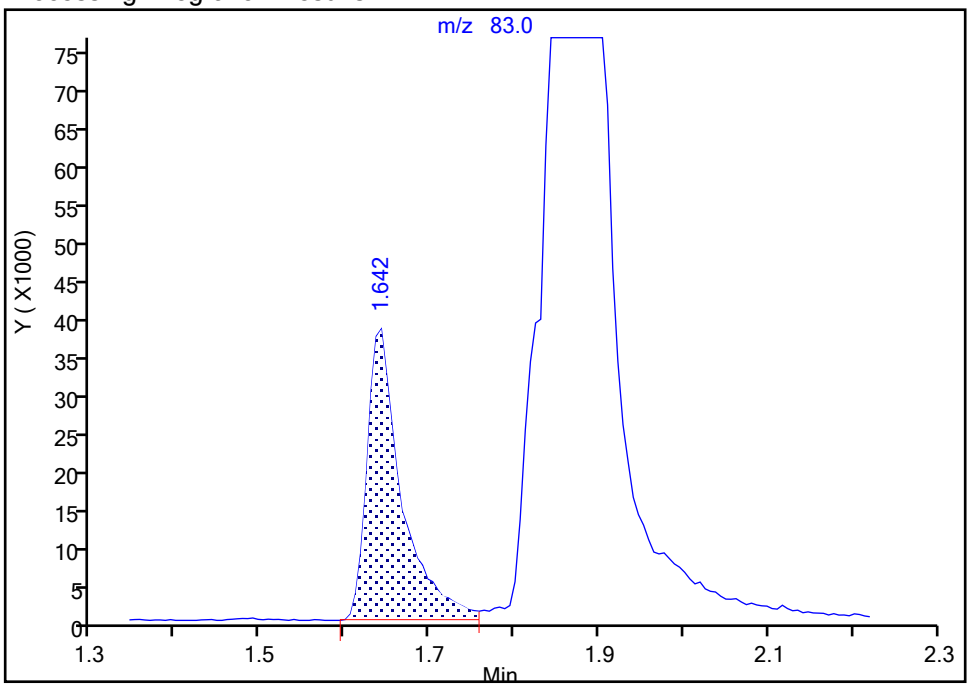
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D
Injection Date: 26-Jul-2025 17:56:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

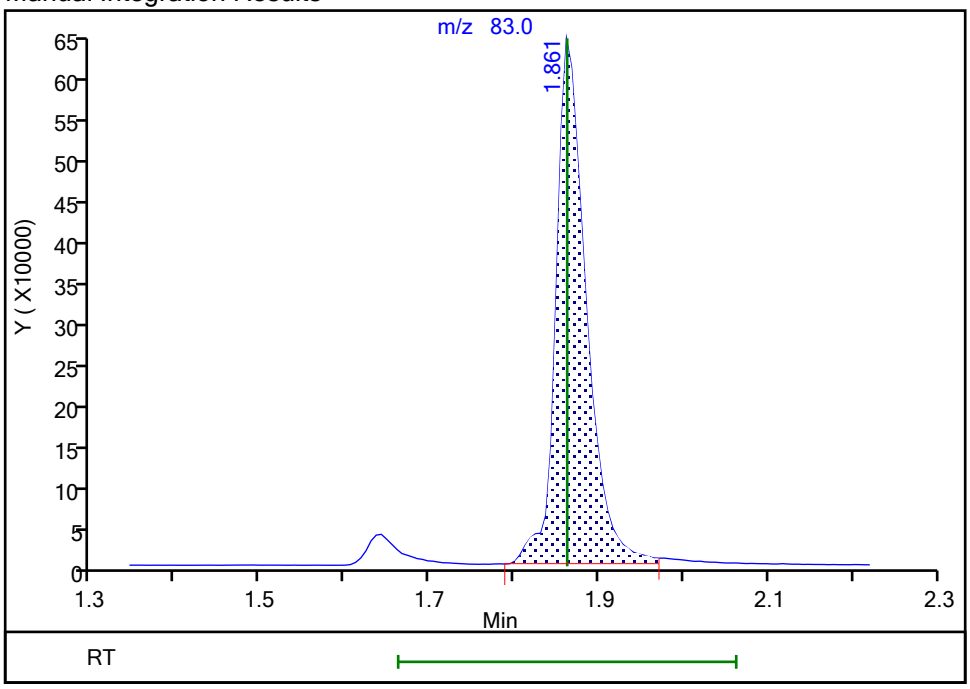
Processing Integration Results

RT: 1.64
Area: 108620
Amount: 33.507875
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 1619979
Amount: 459.4291
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:55:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

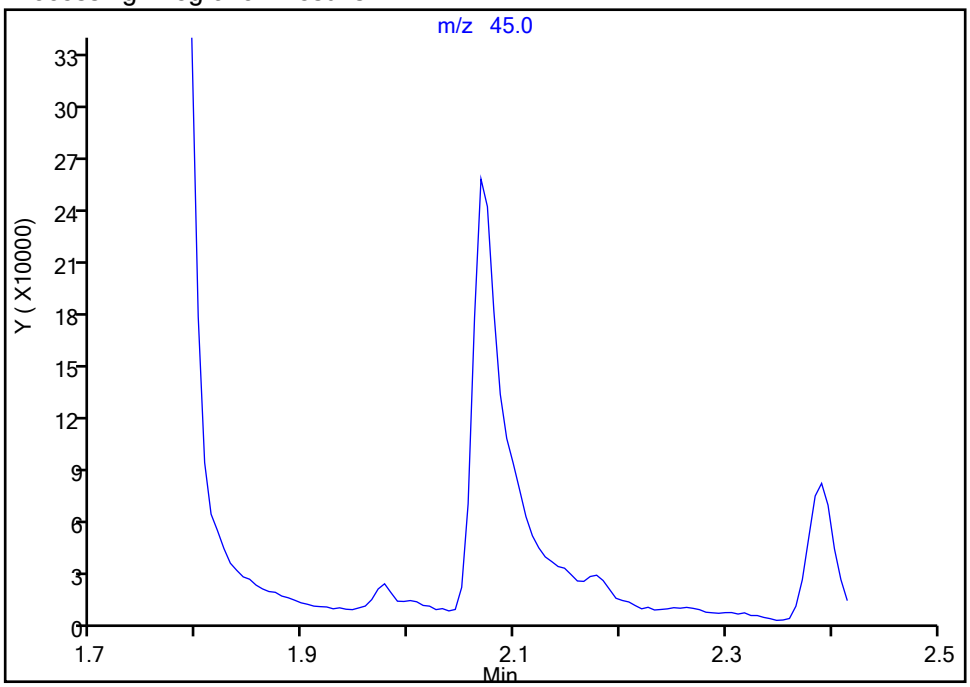
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D
Injection Date: 26-Jul-2025 17:56:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

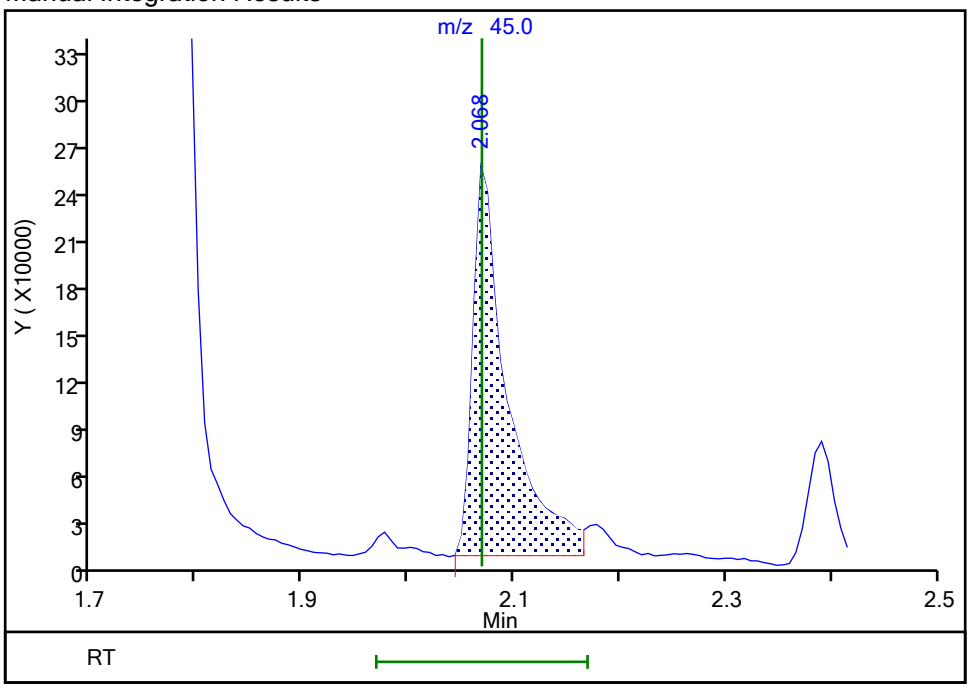
Not Detected
Expected RT: 2.07

Processing Integration Results




Manual Integration Results

RT: 2.07
Area: 558261
Amount: 4625.9834
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:55:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

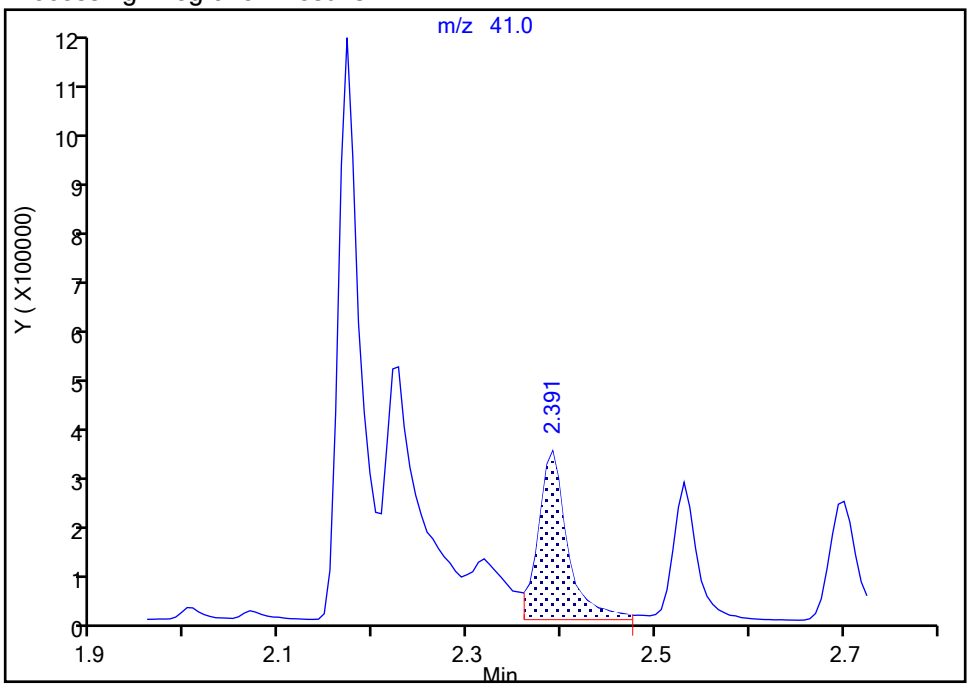
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D
Injection Date: 26-Jul-2025 17:56:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

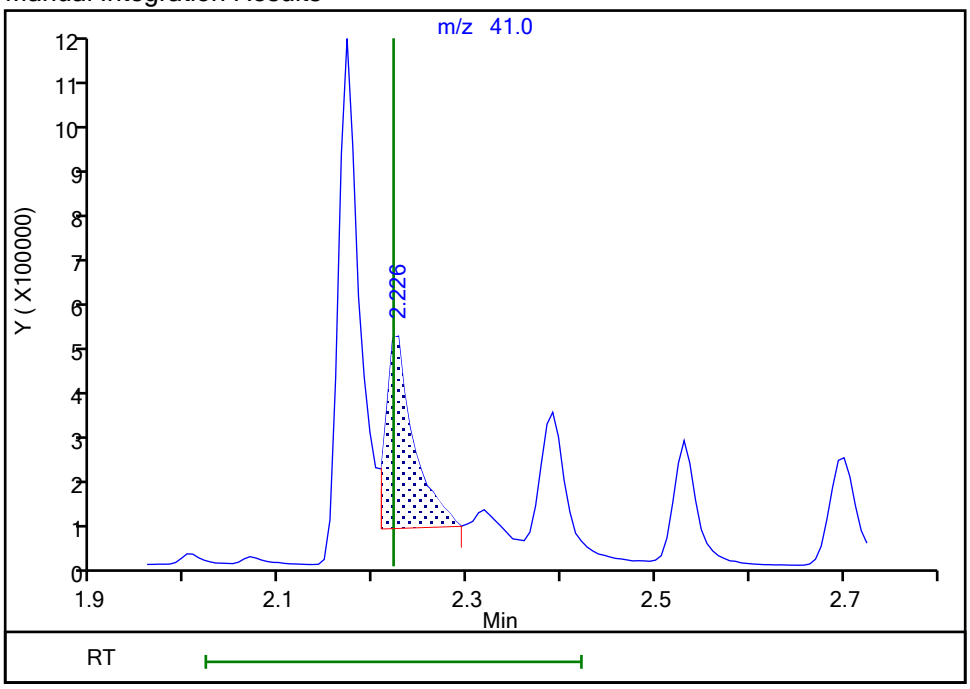
Processing Integration Results

RT: 2.39
Area: 735141
Amount: 3393.4748
Amount Units: ug/l




Manual Integration Results

RT: 2.23
Area: 858513
Amount: 3316.8878
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:55:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

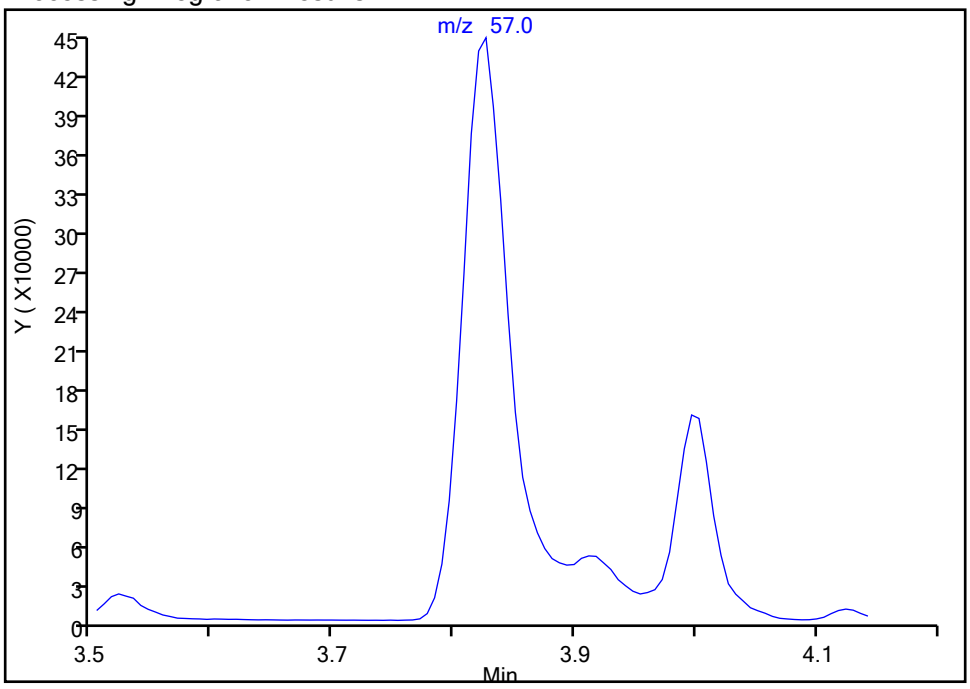
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D
Injection Date: 26-Jul-2025 17:56:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 Isooctane, CAS: 540-84-1

Signal: 1

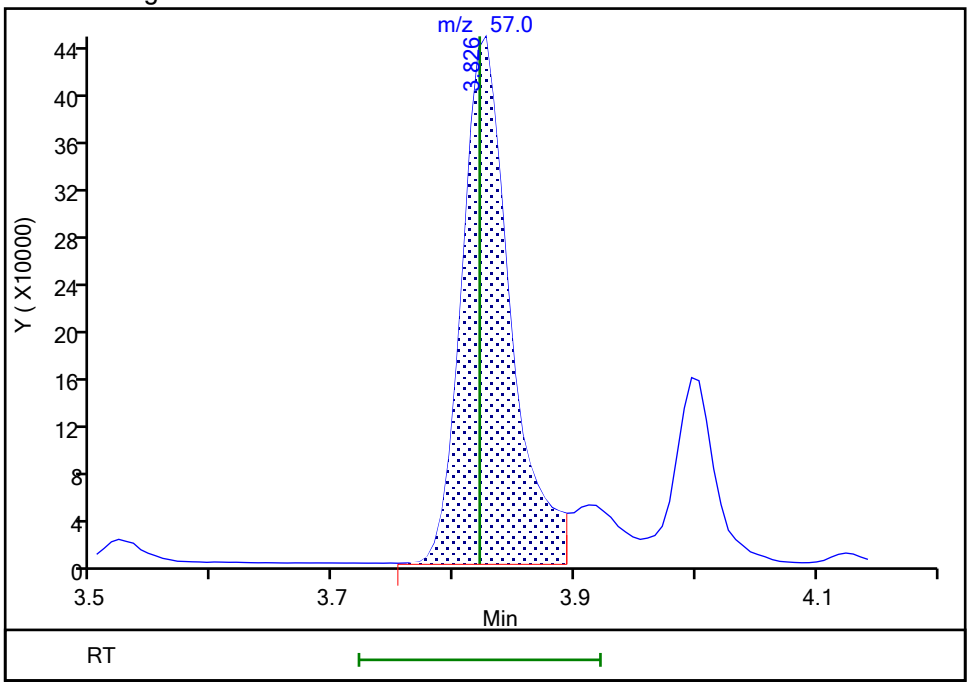
Not Detected
Expected RT: 3.82

Processing Integration Results




Manual Integration Results

RT: 3.83
Area: 1232110
Amount: 447.7711
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 12:56:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

## Calibration / Chlorotrifluoroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

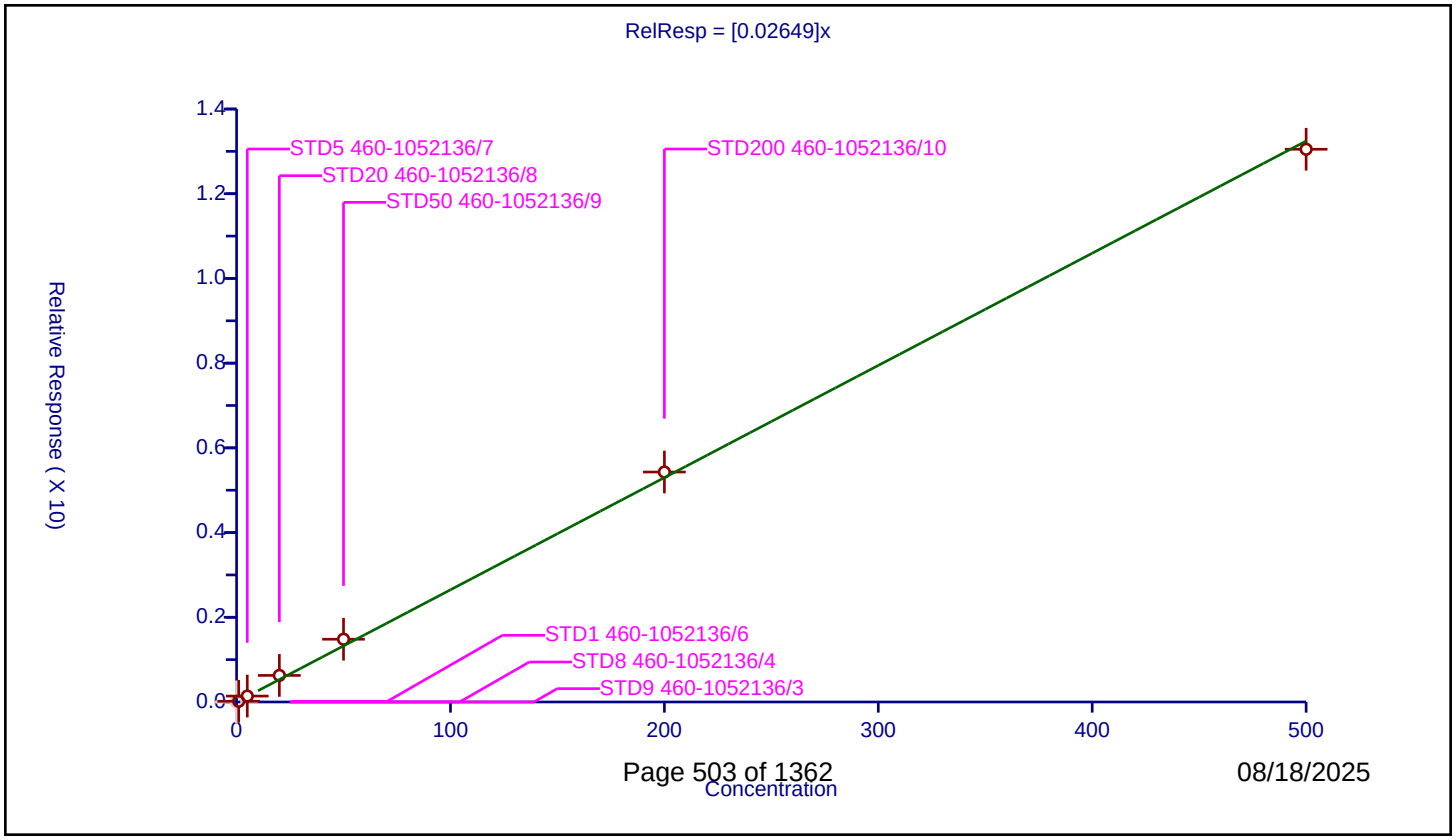
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02649 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 0.0 | 0.0 | 50.0 | 519770.0 | NaN | N |
| 2 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.016769 | 50.0 | 524791.0 | 0.016769 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.139432 | 50.0 | 535745.0 | 0.027886 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 0.627637 | 50.0 | 493438.0 | 0.031382 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 1.482051 | 50.0 | 529334.0 | 0.029641 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 5.42948 | 50.0 | 562494.0 | 0.027147 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 13.050054 | 50.0 | 602327.0 | 0.0261 | Y |



## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

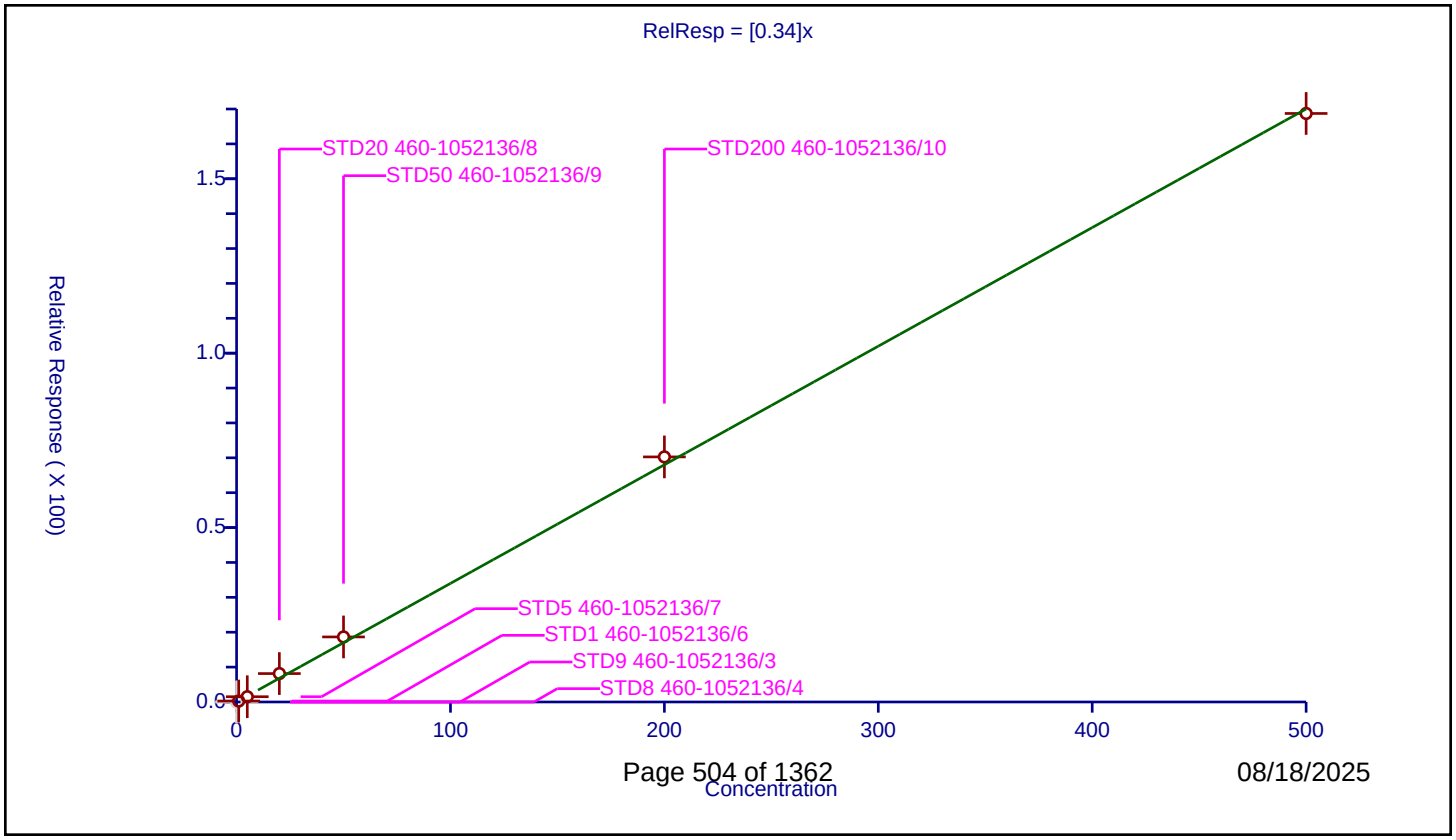
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.34 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.269059 | 50.0 | 524791.0 | 0.269059 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.510327 | 50.0 | 535745.0 | 0.302065 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 8.145704 | 50.0 | 493438.0 | 0.407285 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 18.649284 | 50.0 | 529334.0 | 0.372986 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 70.260749 | 50.0 | 562494.0 | 0.351304 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 168.725958 | 50.0 | 602327.0 | 0.337452 | Y |



## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

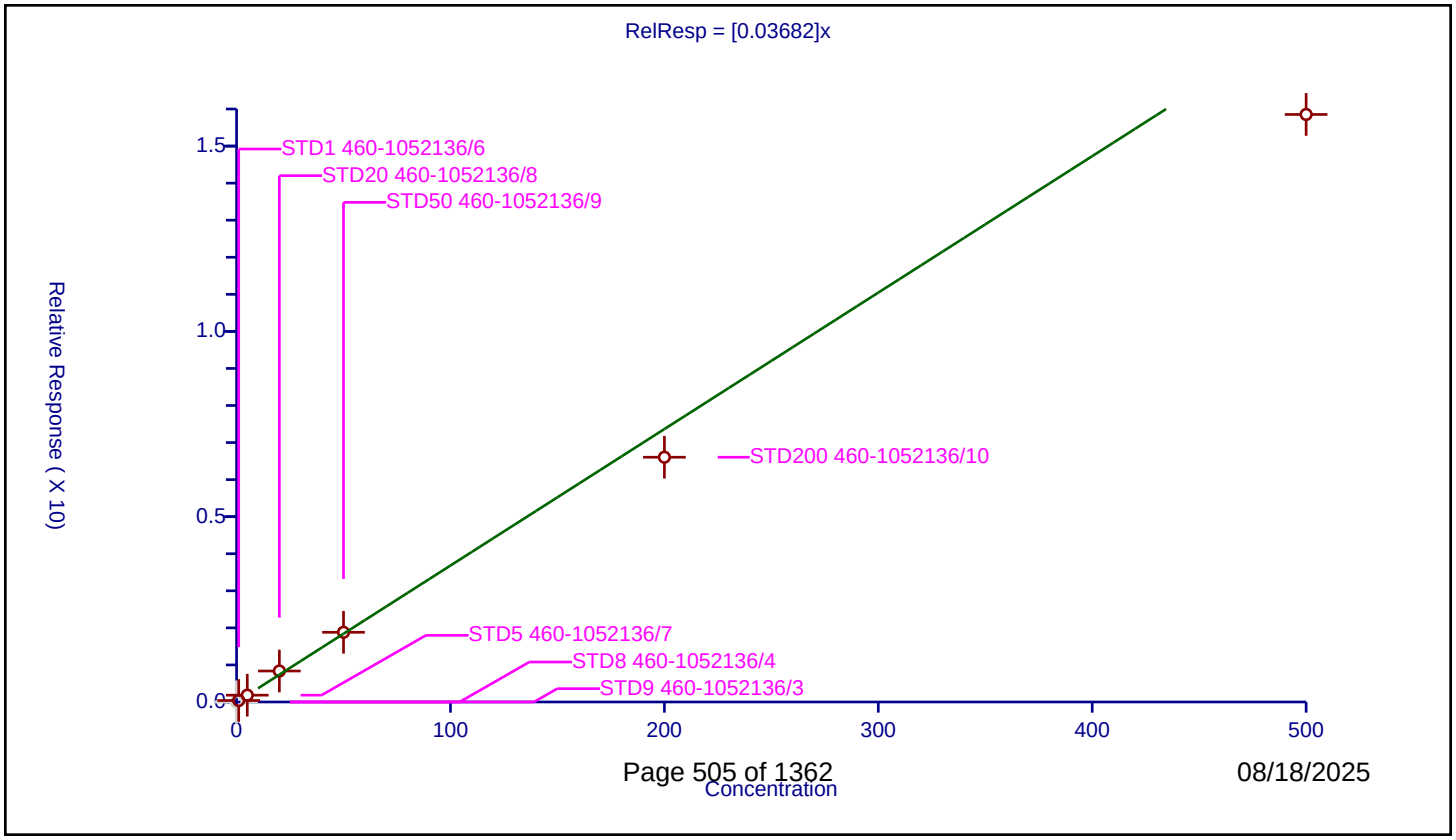
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03682 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 0.0 | 0.0 | 50.0 | 519770.0 | NaN | N |
| 2 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.040016 | 50.0 | 524791.0 | 0.040016 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.183949 | 50.0 | 535745.0 | 0.03679 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 0.835465 | 50.0 | 493438.0 | 0.041773 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 1.880382 | 50.0 | 529334.0 | 0.037608 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 6.604248 | 50.0 | 562494.0 | 0.033021 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 15.853266 | 50.0 | 602327.0 | 0.031707 | Y |



## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

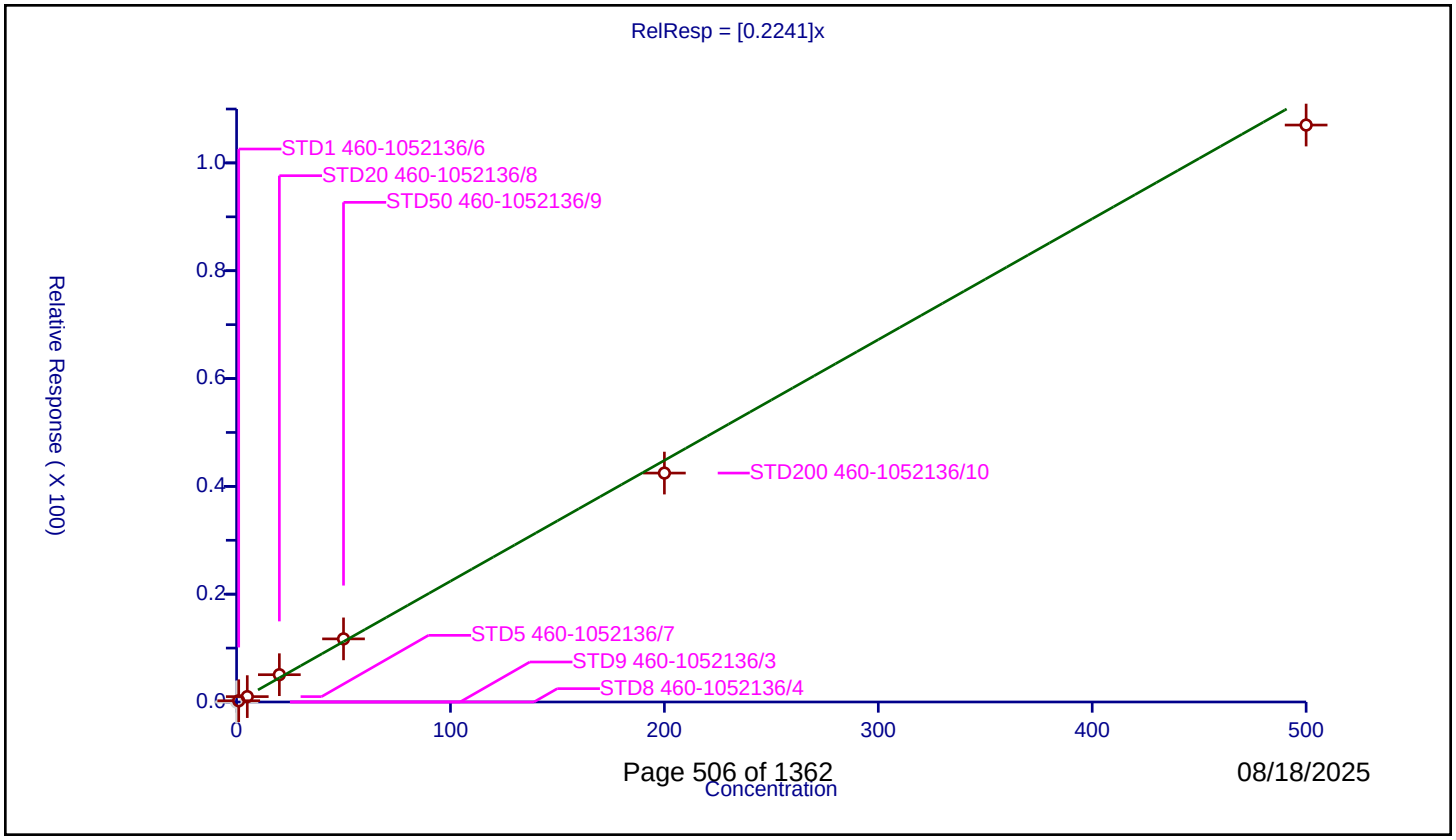
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2241 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.231044 | 50.0 | 524791.0 | 0.231044 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.998703 | 50.0 | 535745.0 | 0.199741 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 5.063351 | 50.0 | 493438.0 | 0.253168 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 11.705842 | 50.0 | 529334.0 | 0.234117 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 42.46472 | 50.0 | 562494.0 | 0.212324 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 107.024507 | 50.0 | 602327.0 | 0.214049 | Y |



## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

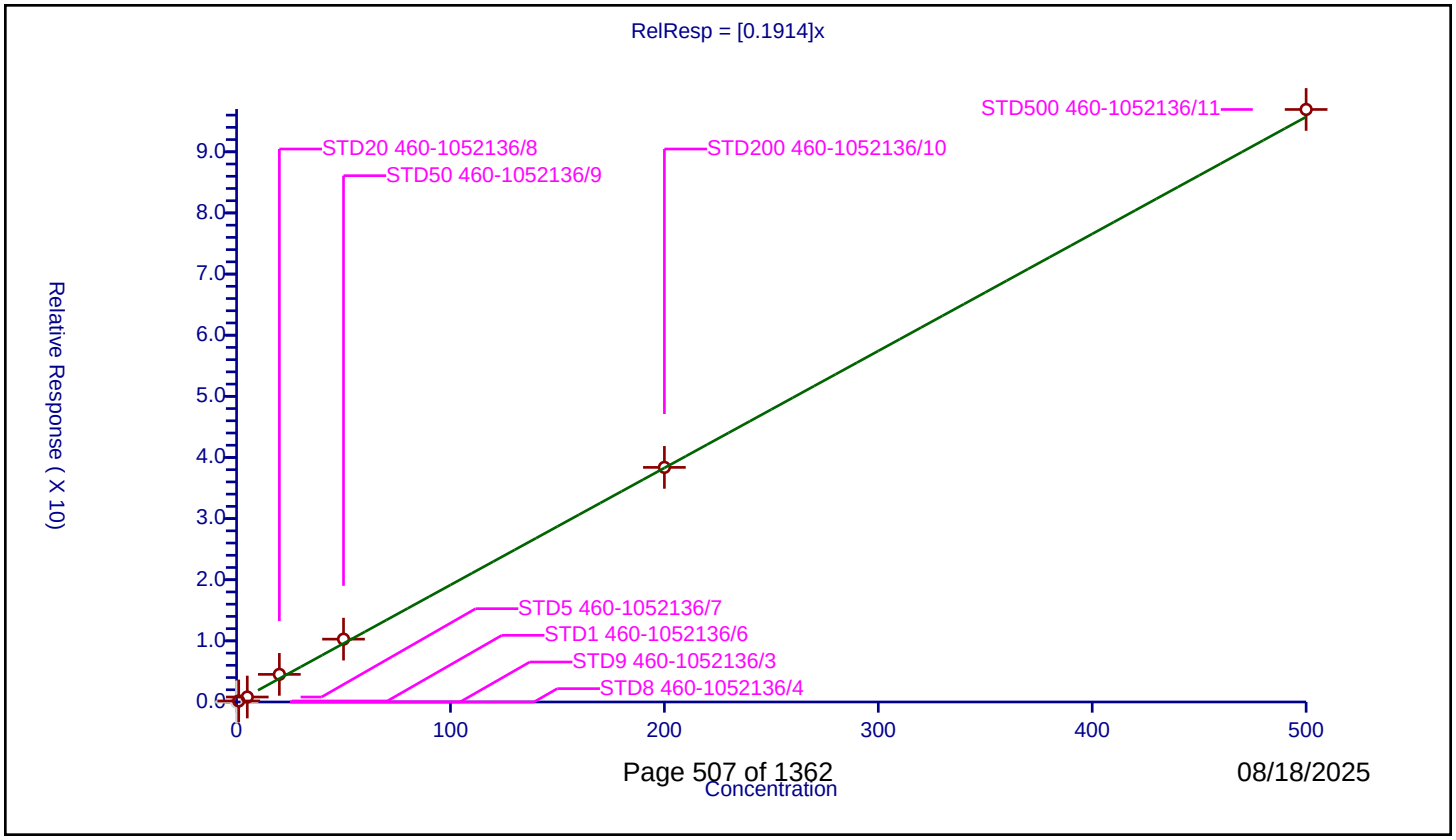
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1914 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.168829 | 50.0 | 524791.0 | 0.168829 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.812047 | 50.0 | 535745.0 | 0.162409 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.518602 | 50.0 | 493438.0 | 0.22593 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 10.281221 | 50.0 | 529334.0 | 0.205624 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 38.376943 | 50.0 | 562494.0 | 0.191885 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 96.925756 | 50.0 | 602327.0 | 0.193852 | Y |



## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

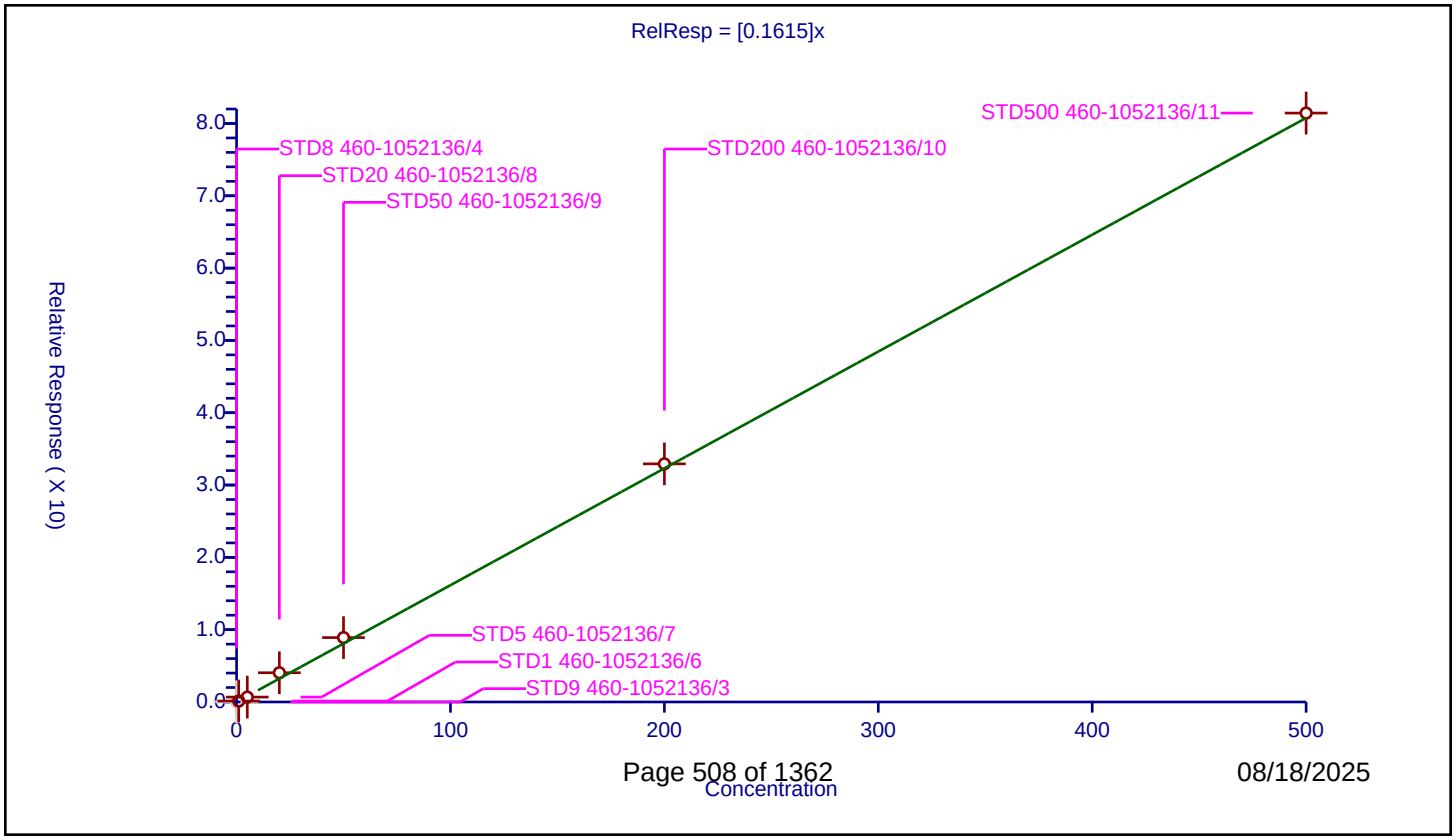
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1615 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.028723 | 50.0 | 532674.0 | | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.126145 | 50.0 | 524791.0 | 0.126145 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.676161 | 50.0 | 535745.0 | 0.135232 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.043973 | 50.0 | 493438.0 | 0.202199 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 8.903452 | 50.0 | 529334.0 | 0.178069 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 32.928618 | 50.0 | 562494.0 | 0.164643 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 81.43882 | 50.0 | 602327.0 | 0.162878 | Y |



## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

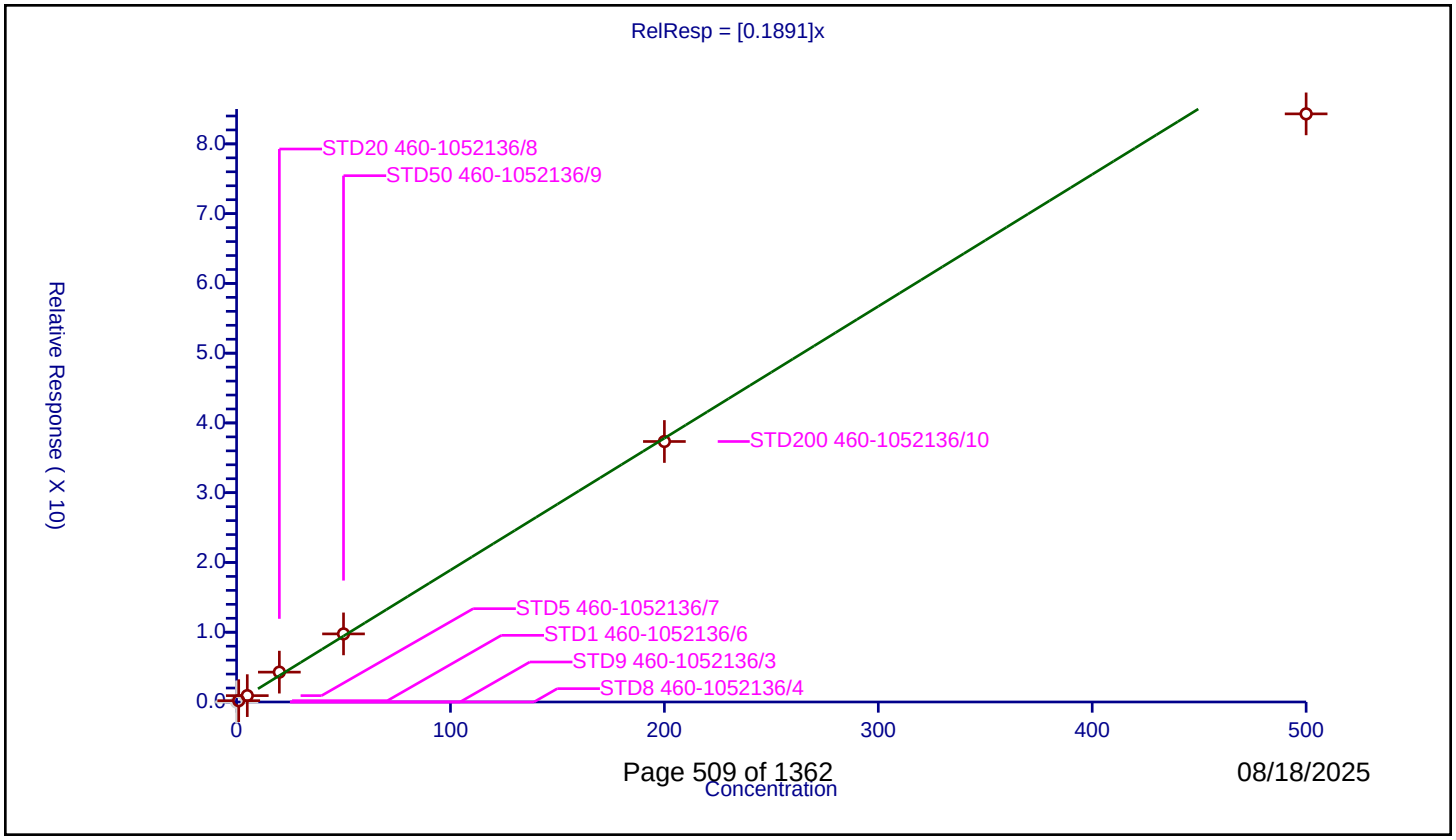
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1891 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.187598 | 50.0 | 524791.0 | 0.187598 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.910881 | 50.0 | 535745.0 | 0.182176 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.280578 | 50.0 | 493438.0 | 0.214029 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 9.761417 | 50.0 | 529334.0 | 0.195228 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 37.341554 | 50.0 | 562494.0 | 0.186708 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 84.304954 | 50.0 | 602327.0 | 0.16861 | Y |



## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

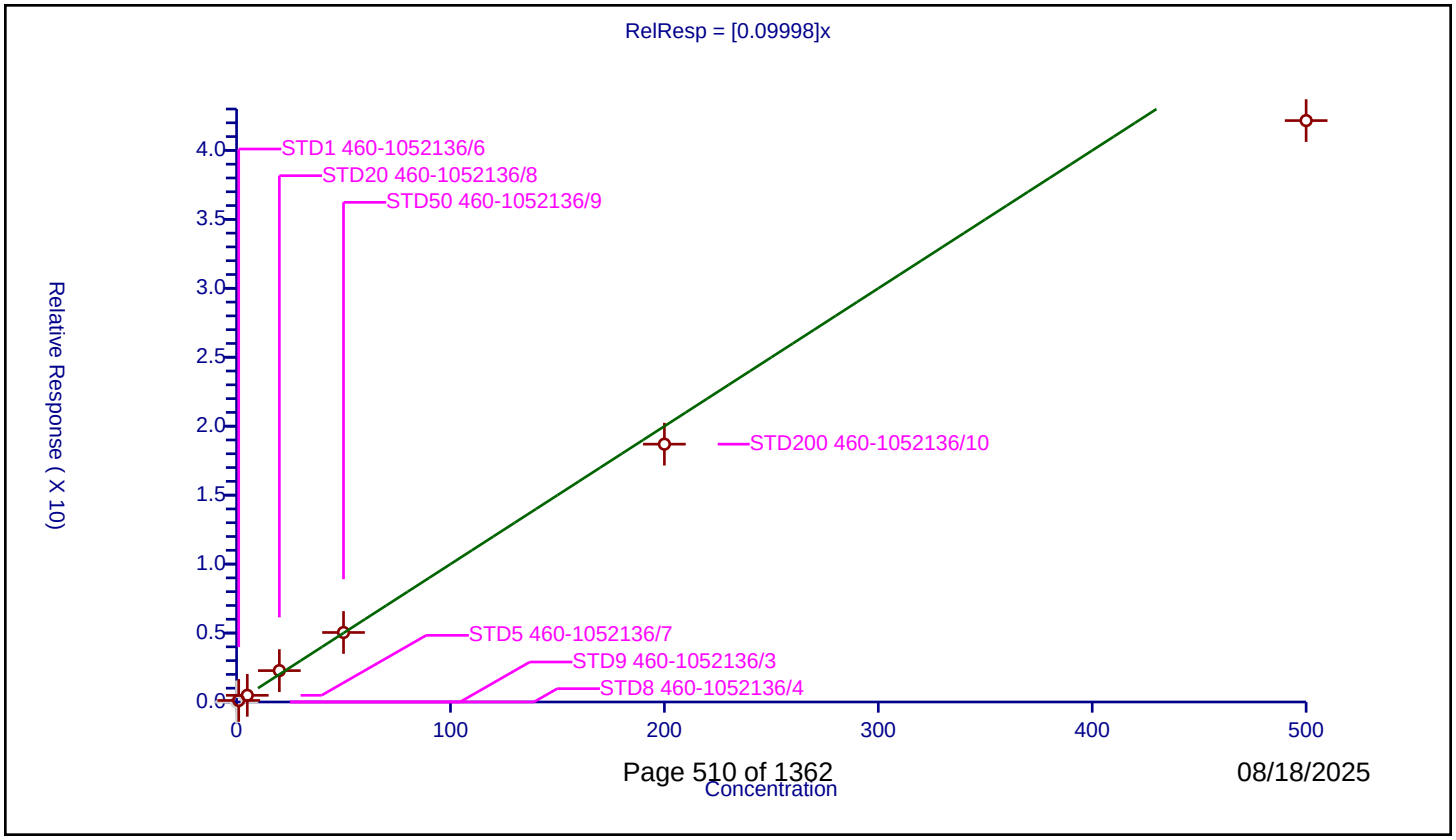
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09998 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.110711 | 50.0 | 524791.0 | 0.110711 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.484186 | 50.0 | 535745.0 | 0.096837 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 2.274855 | 50.0 | 493438.0 | 0.113743 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 5.039824 | 50.0 | 529334.0 | 0.100796 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 18.696555 | 50.0 | 562494.0 | 0.093483 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 42.161484 | 50.0 | 602327.0 | 0.084323 | Y |



## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

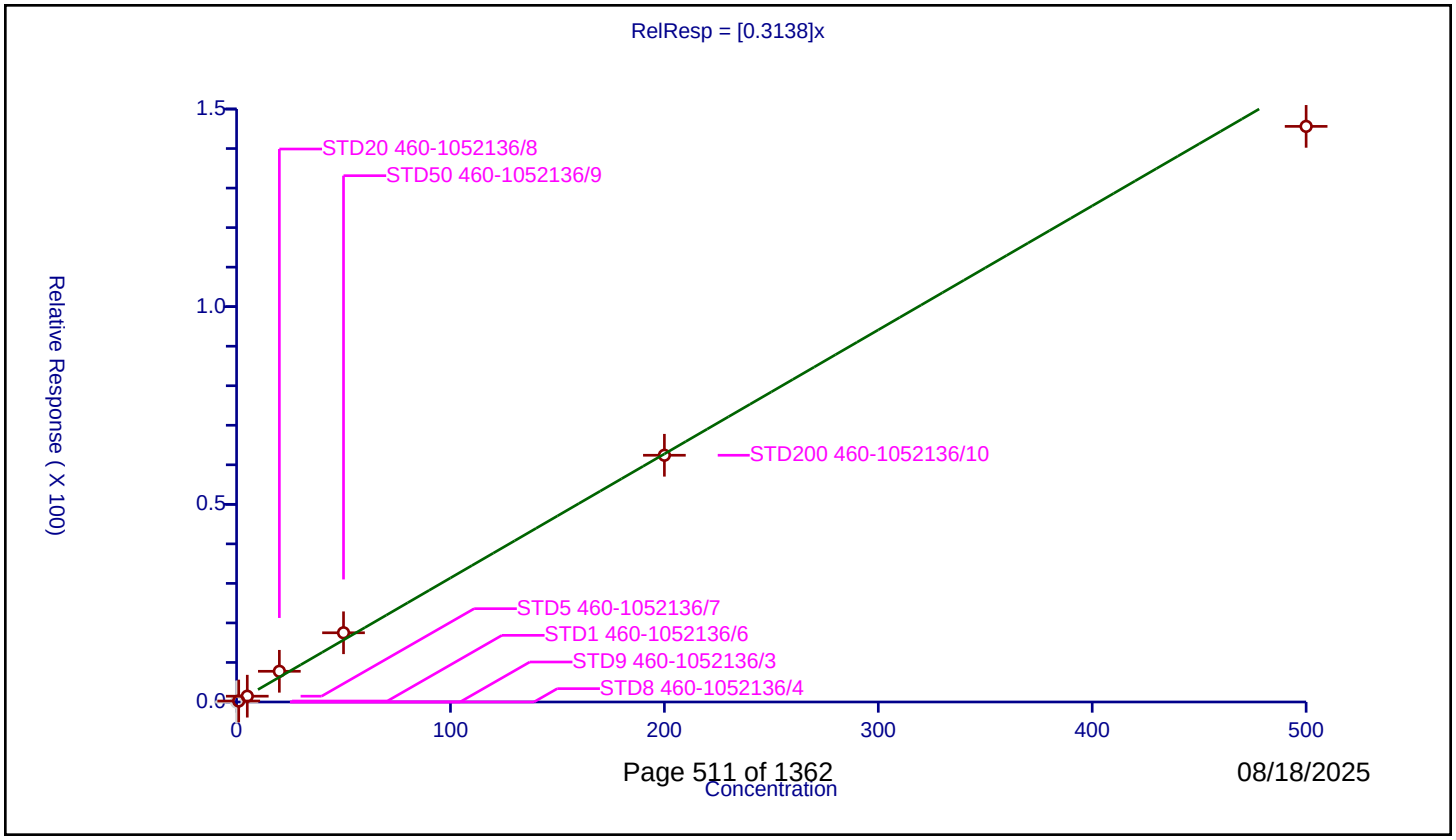
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3138 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.247051 | 50.0 | 524791.0 | 0.247051 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.469076 | 50.0 | 535745.0 | 0.293815 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.765211 | 50.0 | 493438.0 | 0.388261 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 17.5104 | 50.0 | 529334.0 | 0.350208 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 62.415599 | 50.0 | 562494.0 | 0.312078 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 145.608532 | 50.0 | 602327.0 | 0.291217 | Y |



## Calibration / Dichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

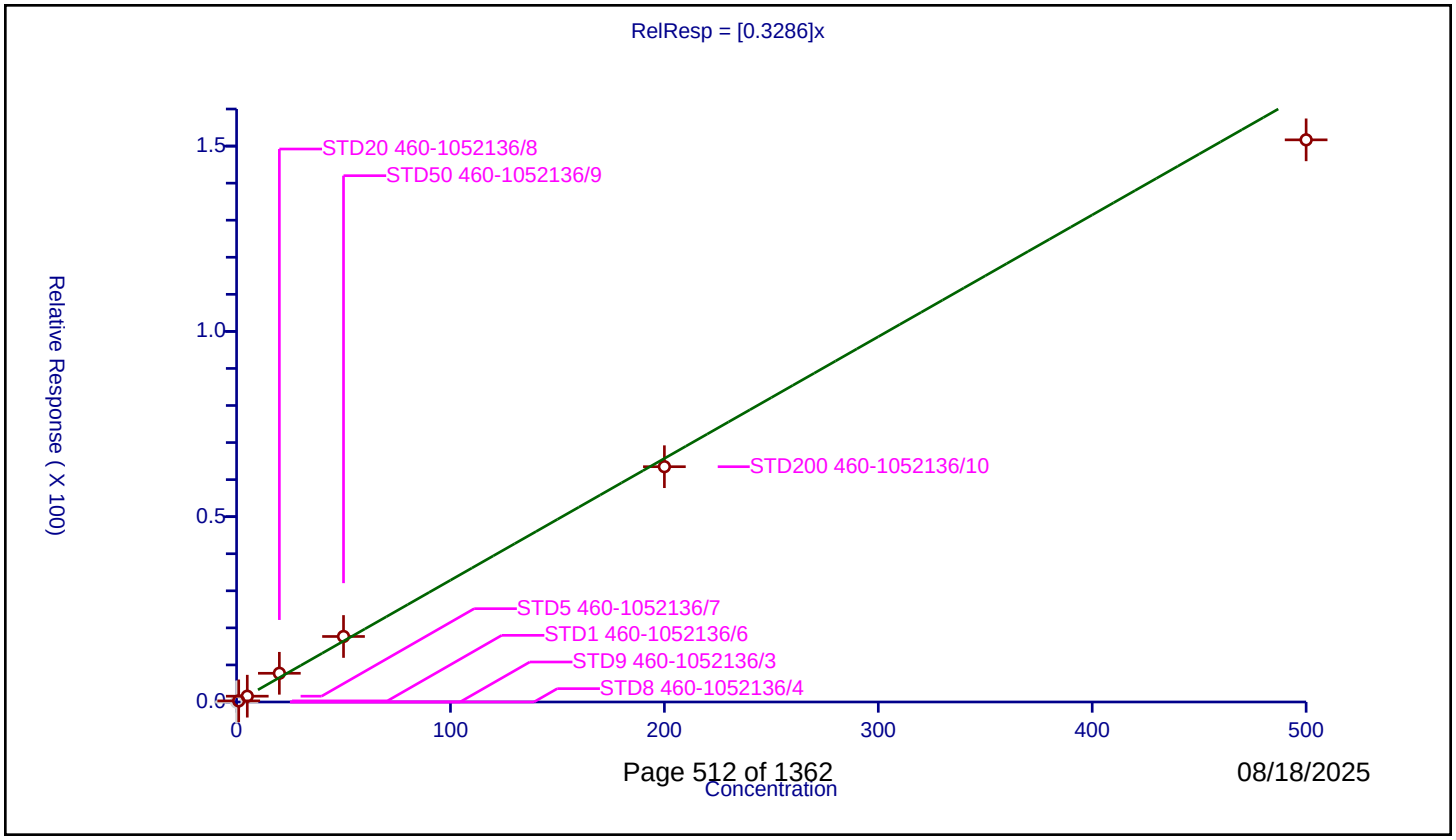
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3286 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.296785 | 50.0 | 524791.0 | 0.296785 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.56399 | 50.0 | 535745.0 | 0.312798 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.747883 | 50.0 | 493438.0 | 0.387394 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 17.677119 | 50.0 | 529334.0 | 0.353542 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 63.491077 | 50.0 | 562494.0 | 0.317455 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 151.684882 | 50.0 | 602327.0 | 0.30337 | Y |



## Calibration / Pentane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

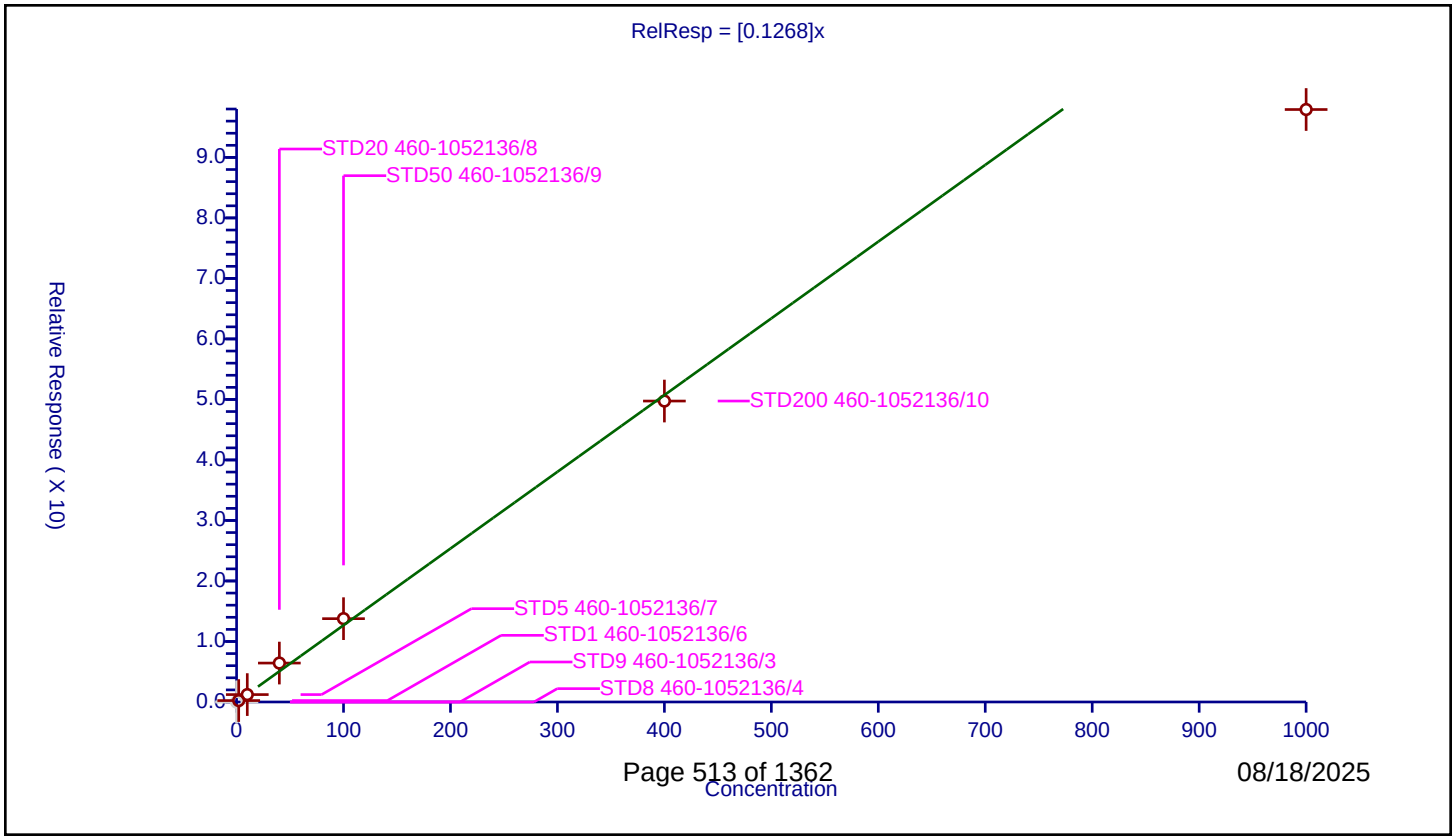
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1268 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.4 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 2.0 | 0.235808 | 50.0 | 524791.0 | 0.117904 | Y |
| 4 | STD5 460-1052136/7 | 10.0 | 1.221663 | 50.0 | 535745.0 | 0.122166 | Y |
| 5 | STD20 460-1052136/8 | 40.0 | 6.430595 | 50.0 | 493438.0 | 0.160765 | Y |
| 6 | STD50 460-1052136/9 | 100.0 | 13.772401 | 50.0 | 529334.0 | 0.137724 | Y |
| 7 | STD200 460-1052136/10 | 400.0 | 49.735908 | 50.0 | 562494.0 | 0.12434 | Y |
| 8 | STD500 460-1052136/11 | 1000.0 | 97.918157 | 50.0 | 602327.0 | 0.097918 | Y |



## Calibration / Ethanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

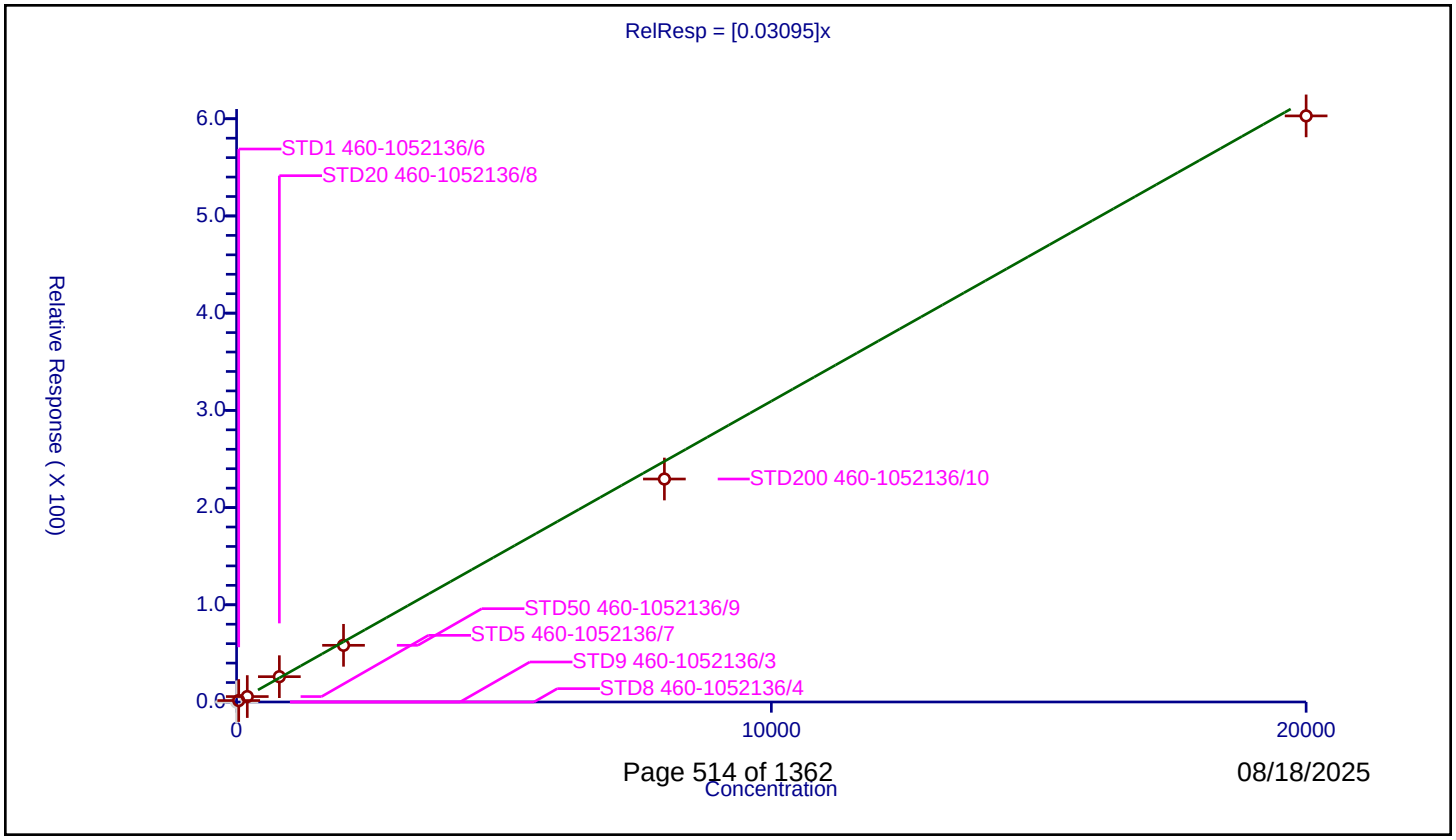
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03095 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 8.0 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 40.0 | 1.486985 | 1000.0 | 210493.0 | 0.037175 | Y |
| 4 | STD5 460-1052136/7 | 200.0 | 5.594747 | 1000.0 | 217168.0 | 0.027974 | Y |
| 5 | STD20 460-1052136/8 | 800.0 | 26.046186 | 1000.0 | 185555.0 | 0.032558 | Y |
| 6 | STD50 460-1052136/9 | 2000.0 | 58.307783 | 1000.0 | 225373.0 | 0.029154 | Y |
| 7 | STD200 460-1052136/10 | 8000.0 | 229.367525 | 1000.0 | 222586.0 | 0.028671 | Y |
| 8 | STD500 460-1052136/11 | 20000.0 | 602.922434 | 1000.0 | 225976.0 | 0.030146 | Y |



## Calibration / Ethyl ether

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

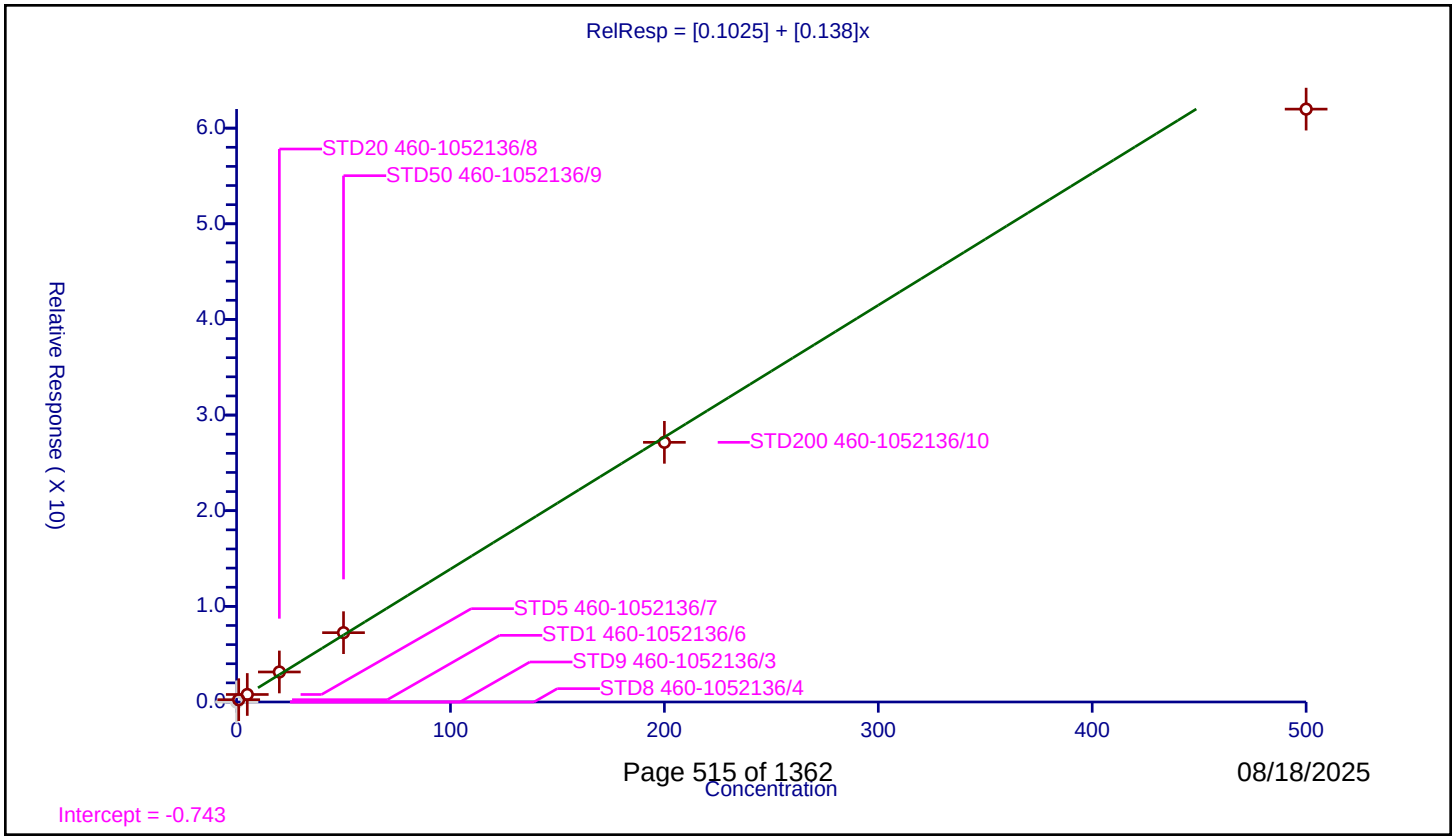
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.1025 |
| **Slope:** | 0.138 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.24 | 50.0 | 524791.0 | 0.24 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.785542 | 50.0 | 535745.0 | 0.157108 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.137476 | 50.0 | 493438.0 | 0.156874 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 7.24722 | 50.0 | 529334.0 | 0.144944 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 27.149712 | 50.0 | 562494.0 | 0.135749 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 61.98975 | 50.0 | 602327.0 | 0.123979 | Y |



## Calibration / 2-Methyl-1,3-butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

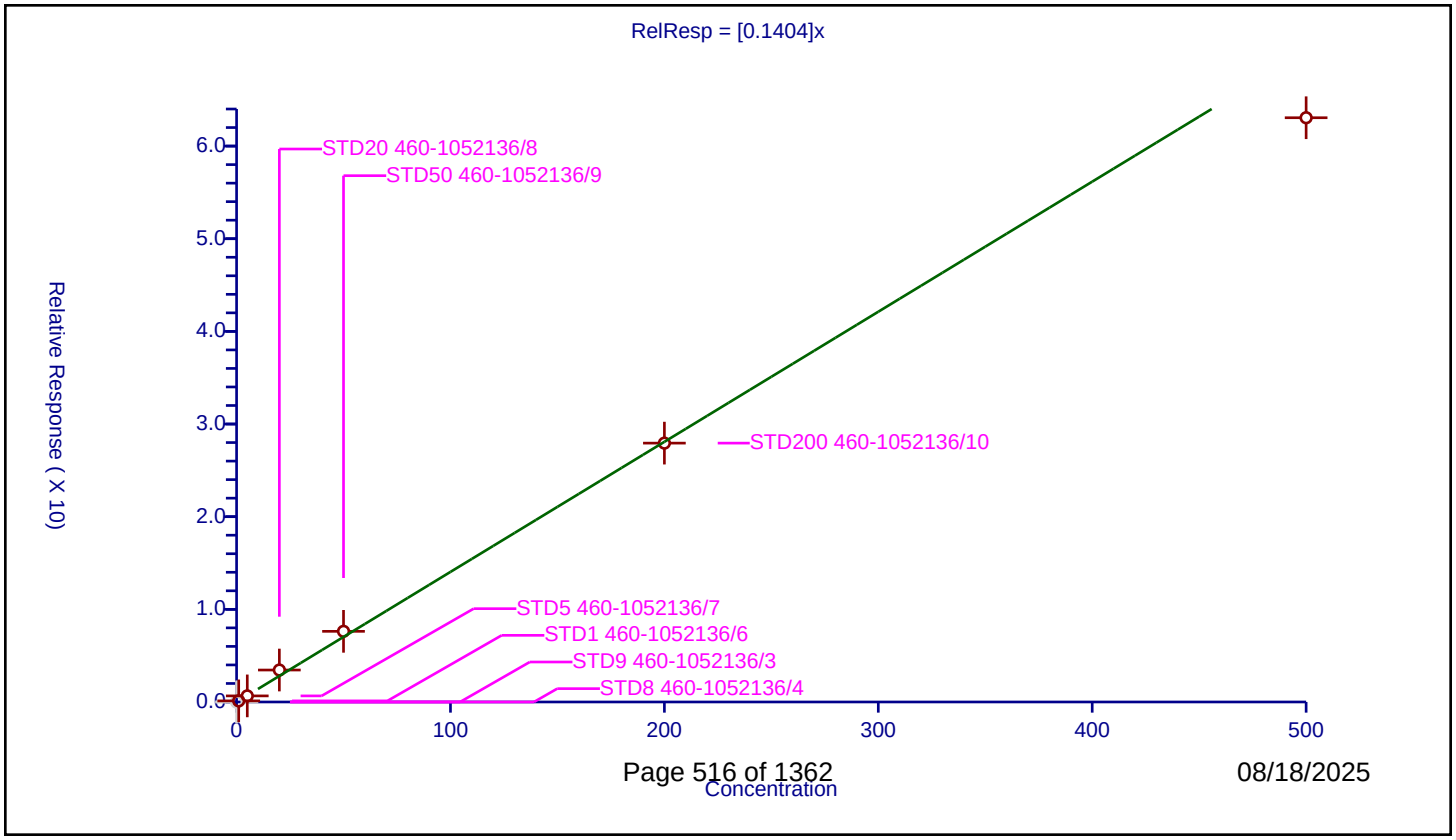
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1404 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.120238 | 50.0 | 524791.0 | 0.120238 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.656749 | 50.0 | 535745.0 | 0.13135 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.449268 | 50.0 | 493438.0 | 0.172463 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 7.625998 | 50.0 | 529334.0 | 0.15252 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 27.94012 | 50.0 | 562494.0 | 0.139701 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 63.058106 | 50.0 | 602327.0 | 0.126116 | 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 |

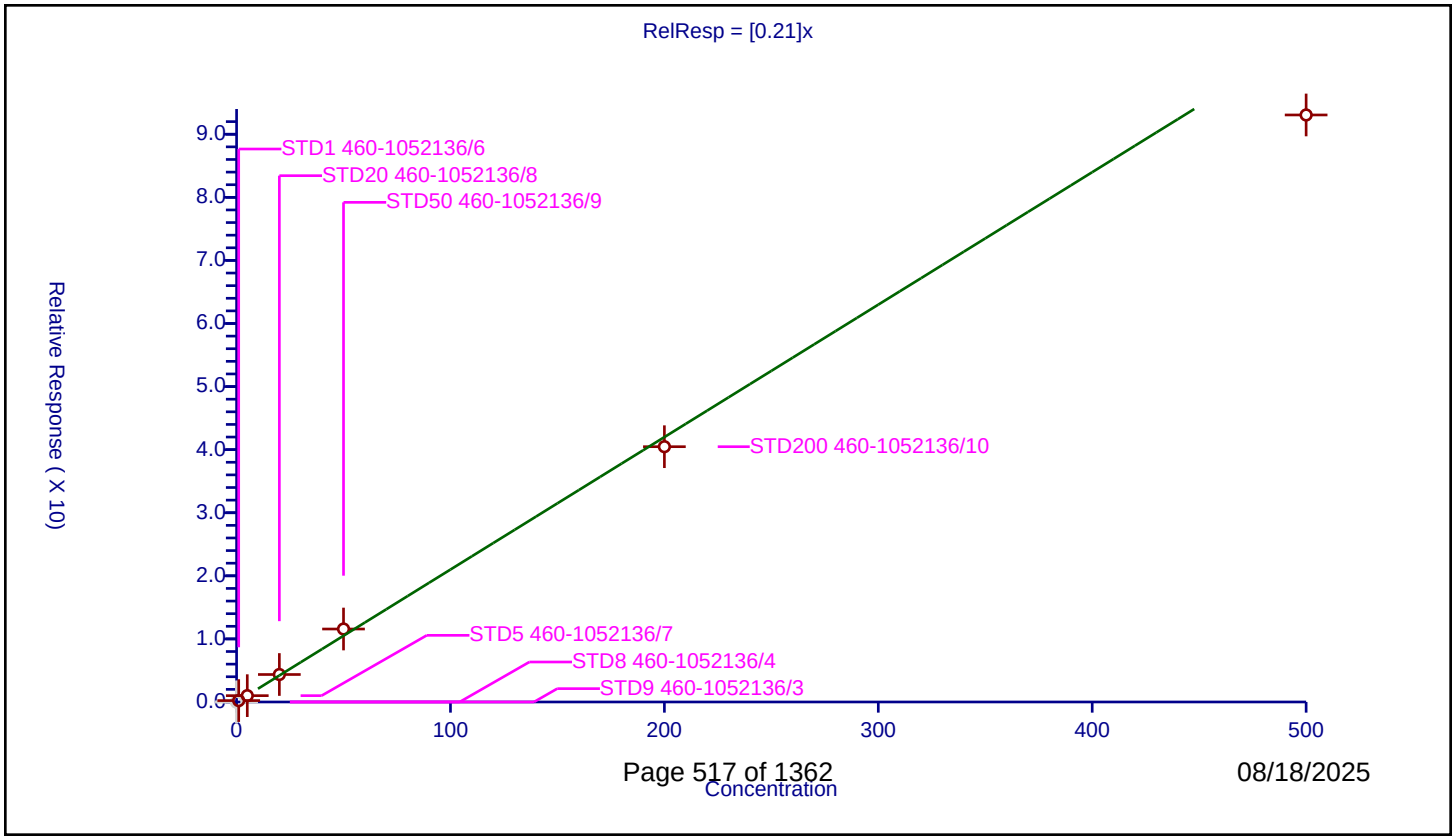
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.21 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 0.0 | 0.0 | 50.0 | 519770.0 | NaN | N |
| 2 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.221612 | 50.0 | 524791.0 | 0.221612 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.002809 | 50.0 | 535745.0 | 0.200562 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.355157 | 50.0 | 493438.0 | 0.217758 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 11.568594 | 50.0 | 529334.0 | 0.231372 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 40.469143 | 50.0 | 562494.0 | 0.202346 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 93.056346 | 50.0 | 602327.0 | 0.186113 | Y |



## 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 |

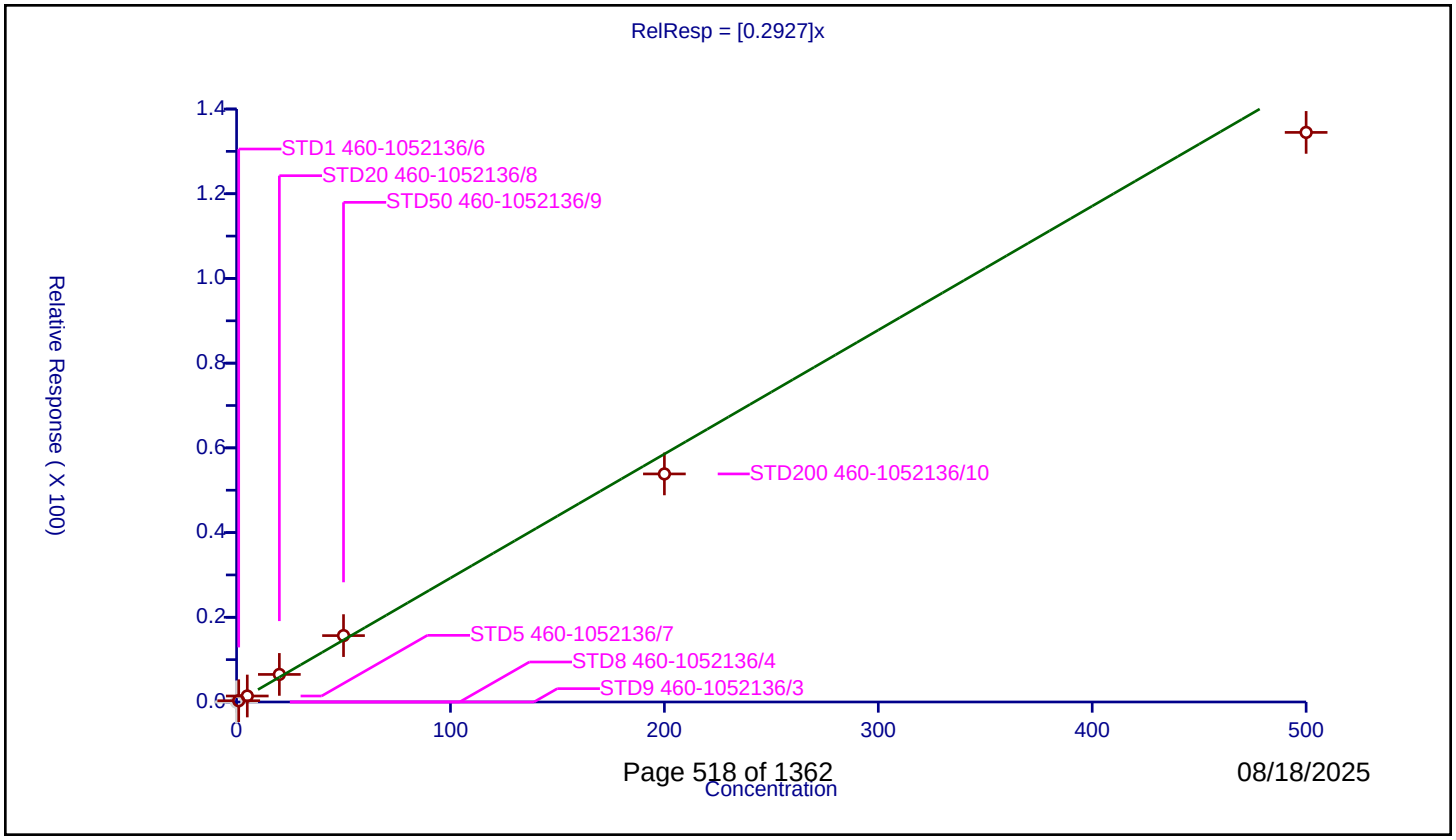
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2927 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 0.0 | 0.0 | 50.0 | 519770.0 | NaN | N |
| 2 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.296118 | 50.0 | 524791.0 | 0.296118 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.415879 | 50.0 | 535745.0 | 0.283176 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 6.50487 | 50.0 | 493438.0 | 0.325243 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 15.675641 | 50.0 | 529334.0 | 0.313513 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 53.844041 | 50.0 | 562494.0 | 0.26922 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 134.476705 | 50.0 | 602327.0 | 0.268953 | 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 |

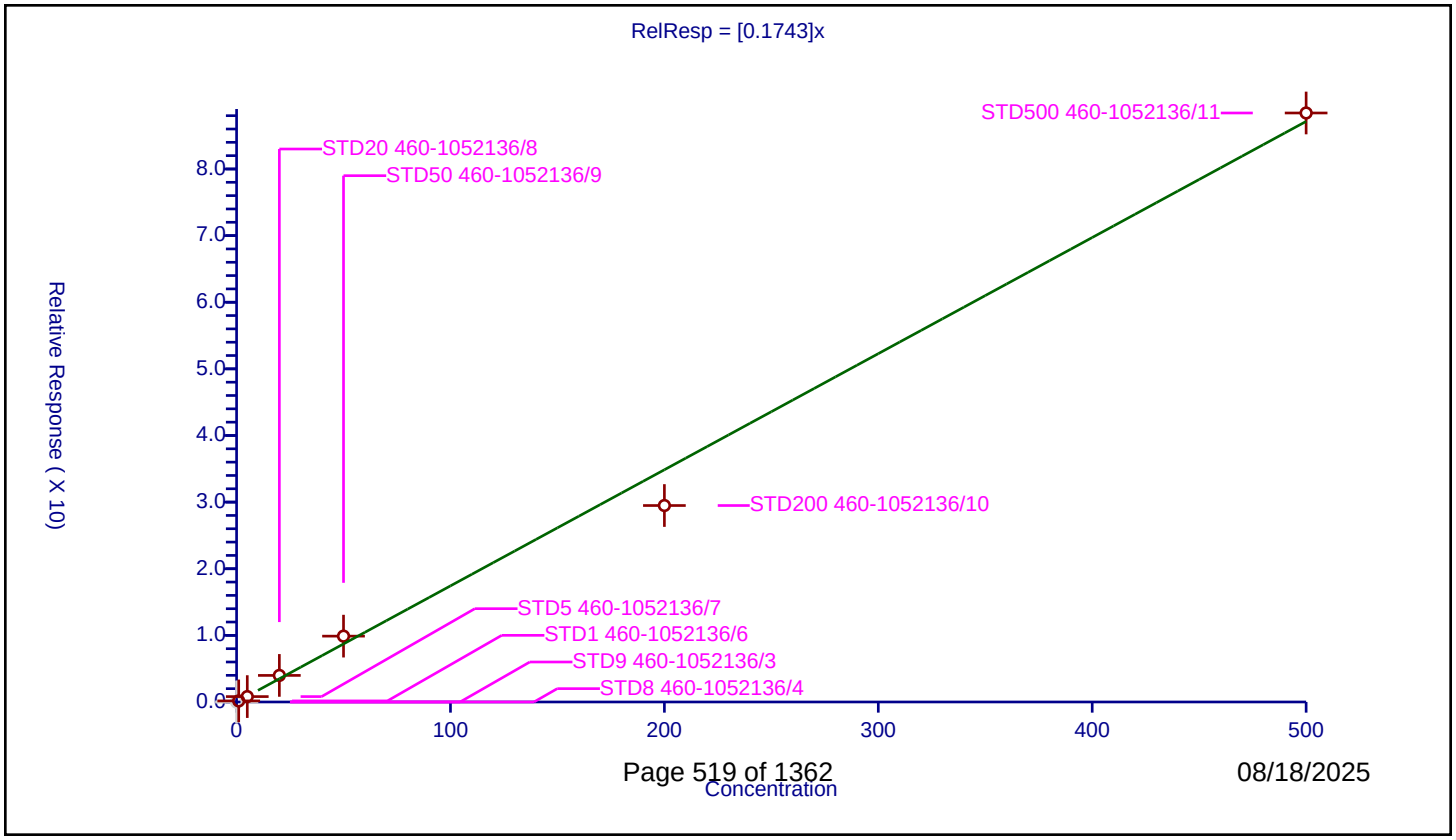
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1743 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.16216 | 50.0 | 524791.0 | 0.16216 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.8113 | 50.0 | 535745.0 | 0.16226 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.986823 | 50.0 | 493438.0 | 0.199341 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 9.883174 | 50.0 | 529334.0 | 0.197663 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 29.487692 | 50.0 | 562494.0 | 0.147438 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 88.40389 | 50.0 | 602327.0 | 0.176808 | Y |



## Calibration / Acrolein

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

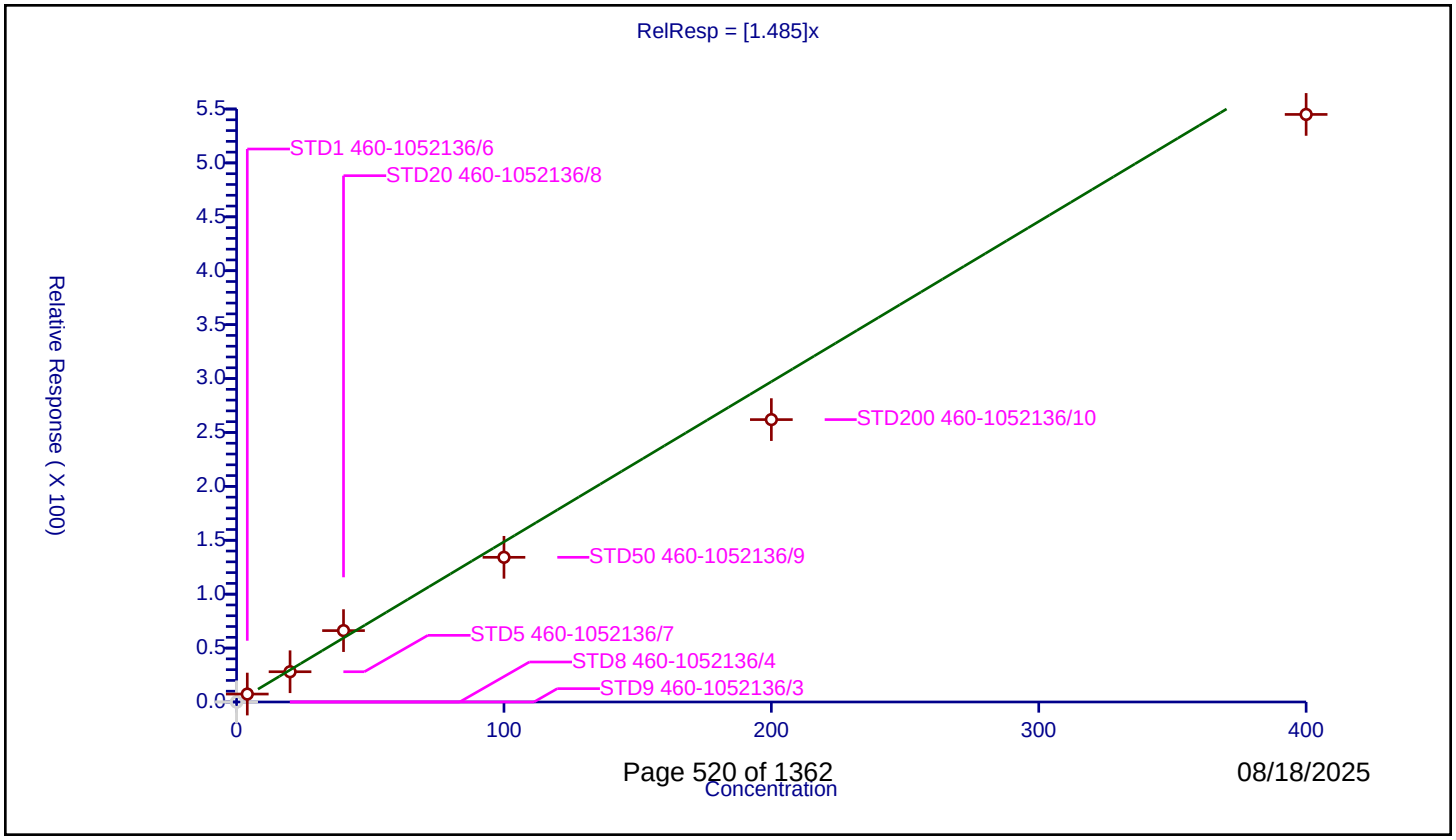
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.485 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 0.0 | 0.0 | 1000.0 | 199711.0 | NaN | N |
| 2 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 3 | STD1 460-1052136/6 | 4.0 | 7.363665 | 1000.0 | 210493.0 | 1.840916 | Y |
| 4 | STD5 460-1052136/7 | 20.0 | 28.05662 | 1000.0 | 217168.0 | 1.402831 | Y |
| 5 | STD20 460-1052136/8 | 40.0 | 66.201396 | 1000.0 | 185555.0 | 1.655035 | Y |
| 6 | STD50 460-1052136/9 | 100.0 | 134.186438 | 1000.0 | 225373.0 | 1.341864 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 261.921235 | 1000.0 | 222586.0 | 1.309606 | Y |
| 8 | STD500 460-1052136/11 | 400.0 | 544.982653 | 1000.0 | 225976.0 | 1.362457 | Y |



## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

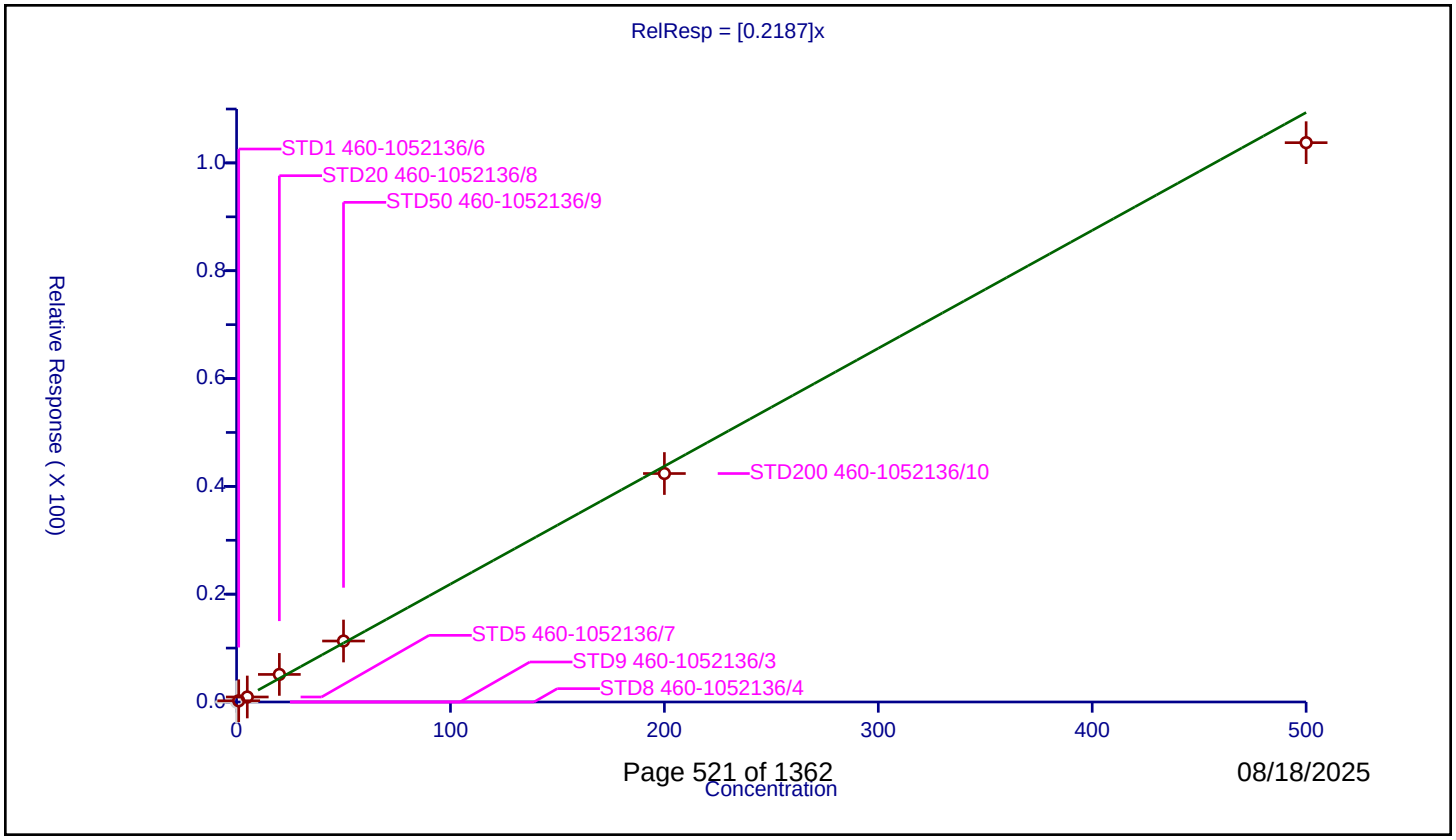
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2187 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.225137 | 50.0 | 524791.0 | 0.225137 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.9288 | 50.0 | 535745.0 | 0.18576 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 5.114118 | 50.0 | 493438.0 | 0.255706 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 11.309211 | 50.0 | 529334.0 | 0.226184 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 42.380719 | 50.0 | 562494.0 | 0.211904 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 103.755269 | 50.0 | 602327.0 | 0.207511 | Y |



## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

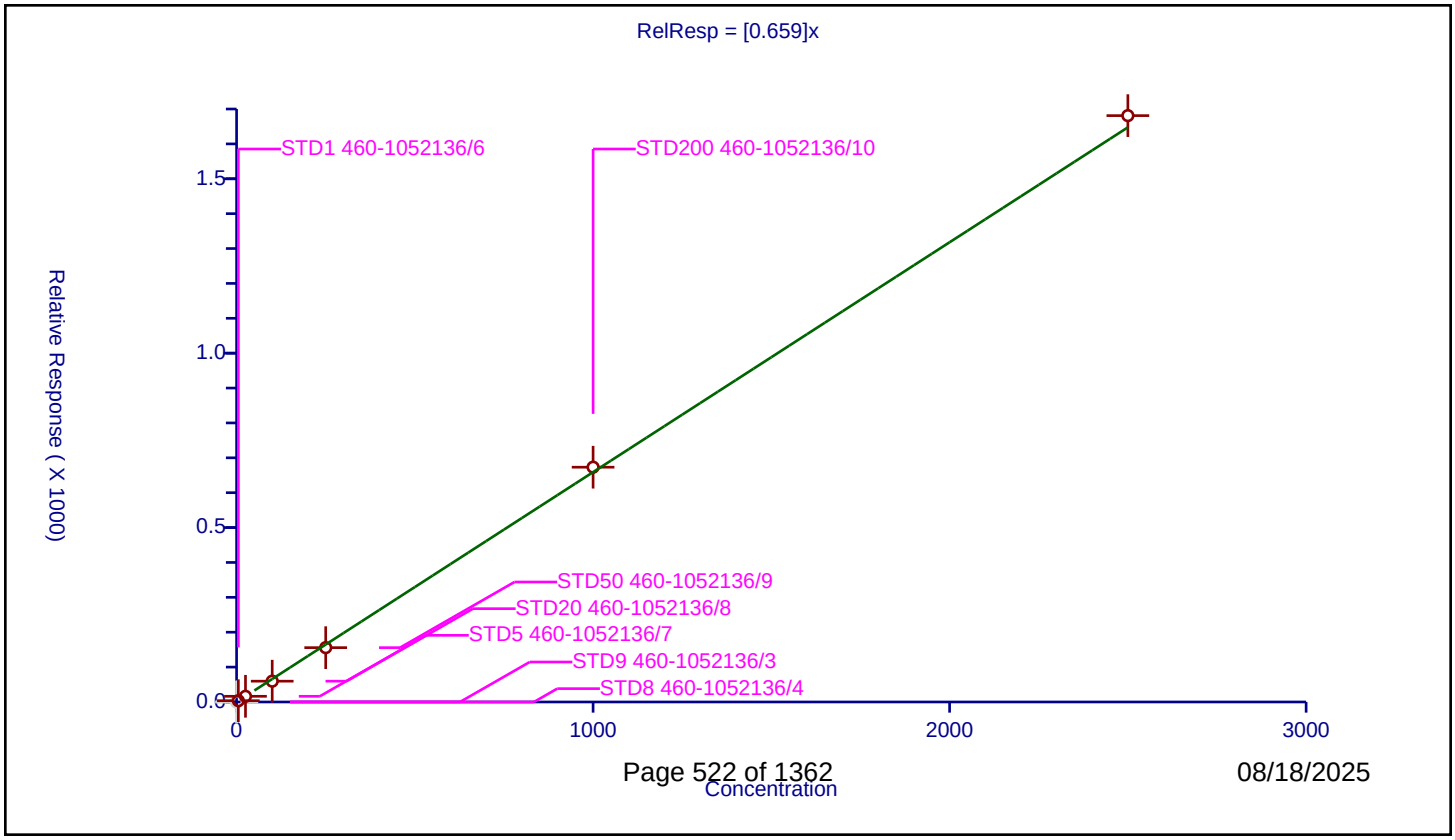
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.659 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 250.0 | 209371.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 1.0 | 0.0 | 250.0 | 191662.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 5.0 | 3.682252 | 250.0 | 206667.0 | 0.73645 | Y |
| 4 | STD5 460-1052136/7 | 25.0 | 16.307014 | 250.0 | 207932.0 | 0.652281 | Y |
| 5 | STD20 460-1052136/8 | 100.0 | 59.636371 | 250.0 | 183181.0 | 0.596364 | Y |
| 6 | STD50 460-1052136/9 | 250.0 | 155.7905 | 250.0 | 210215.0 | 0.623162 | Y |
| 7 | STD200 460-1052136/10 | 1000.0 | 673.139729 | 250.0 | 231176.0 | 0.67314 | Y |
| 8 | STD500 460-1052136/11 | 2500.0 | 1681.034875 | 250.0 | 241633.0 | 0.672414 | Y |



## Calibration / Iodomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

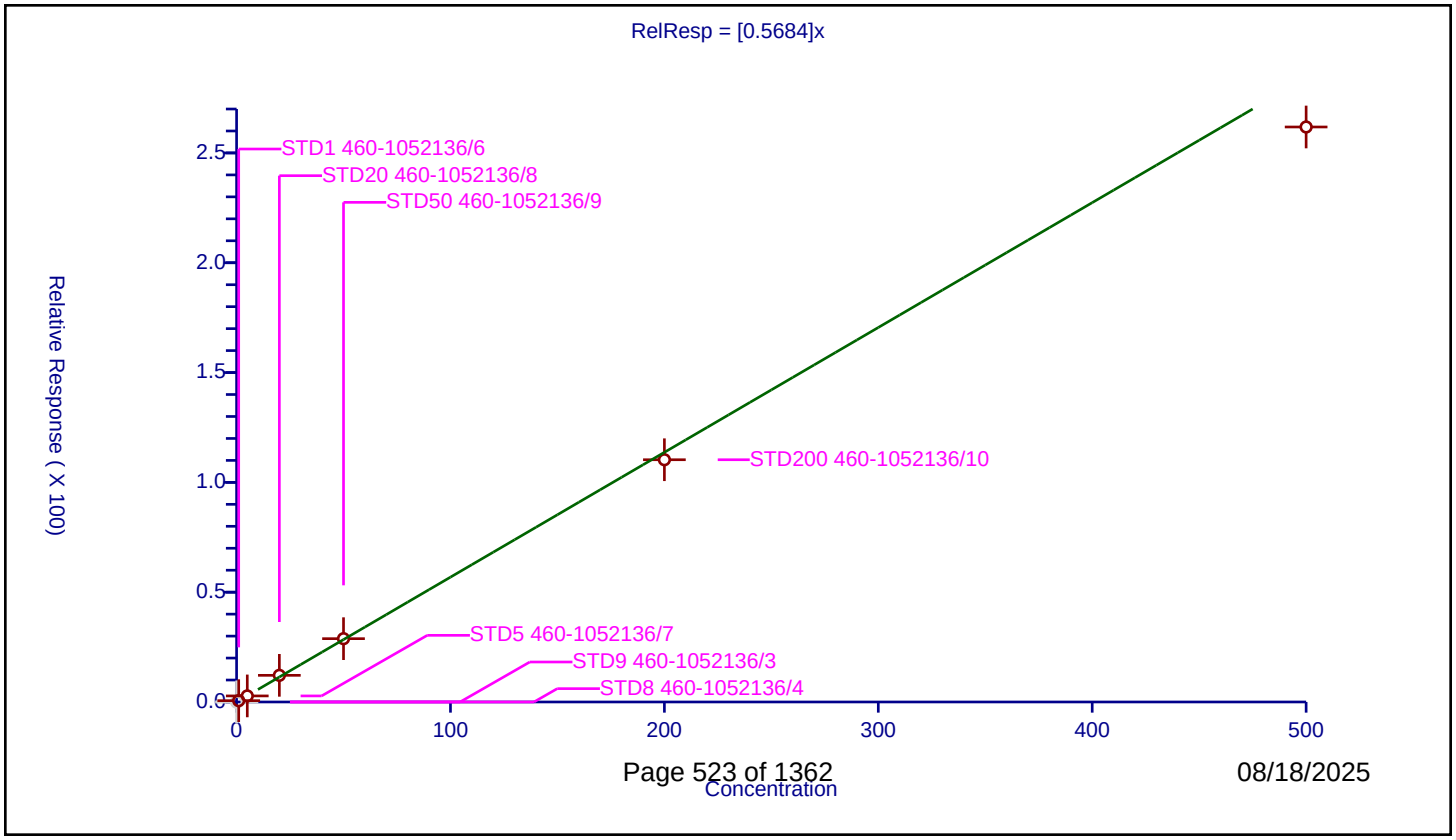
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5684 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.600715 | 50.0 | 524791.0 | 0.600715 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.756442 | 50.0 | 535745.0 | 0.551288 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 12.134554 | 50.0 | 493438.0 | 0.606728 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 28.829057 | 50.0 | 529334.0 | 0.576581 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 110.304377 | 50.0 | 562494.0 | 0.551522 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 261.811939 | 50.0 | 602327.0 | 0.523624 | Y |



## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

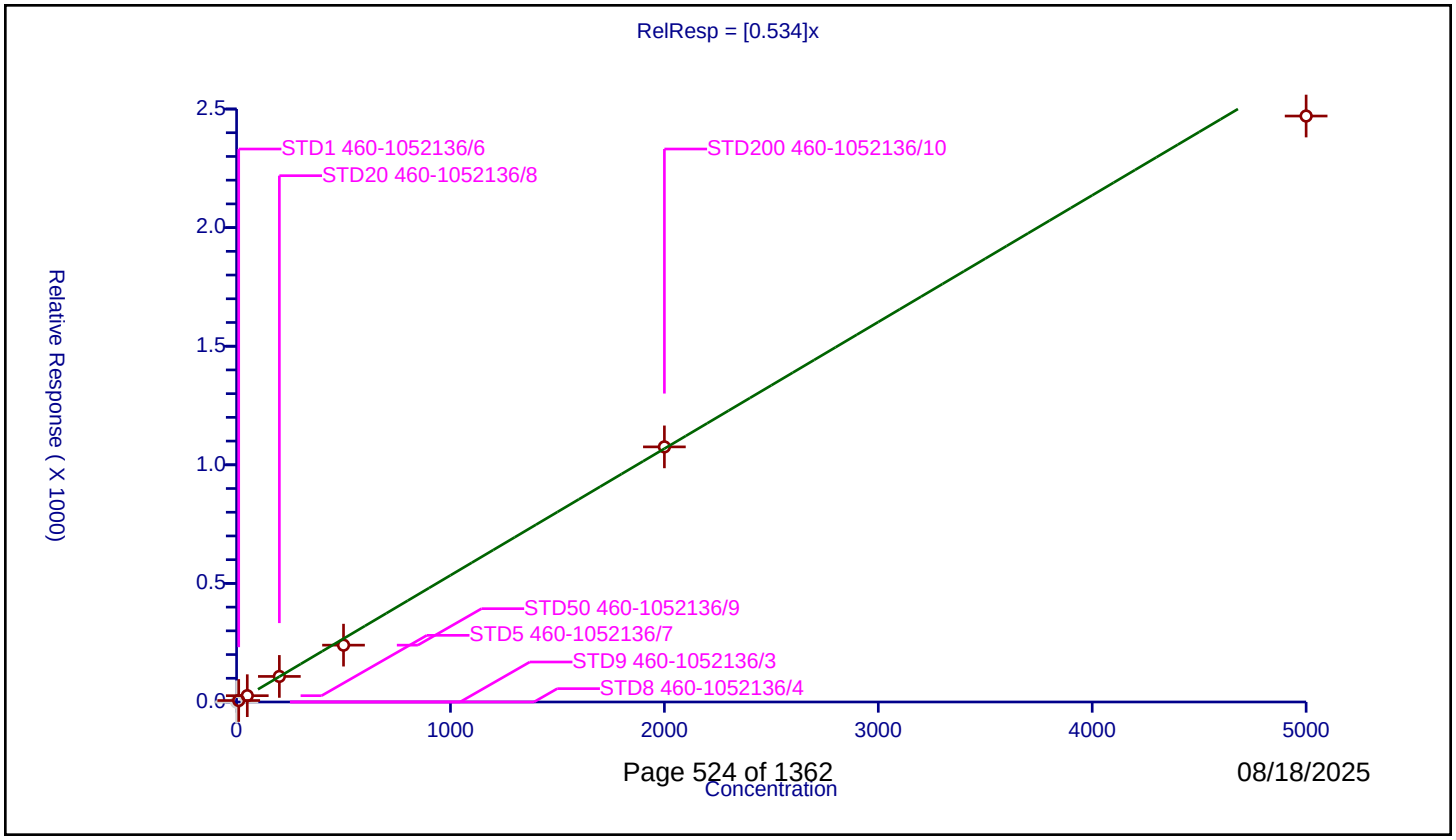
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.534 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 2.0 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 10.0 | 6.228236 | 1000.0 | 210493.0 | 0.622824 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 26.564687 | 1000.0 | 217168.0 | 0.531294 | Y |
| 5 | STD20 460-1052136/8 | 200.0 | 107.795532 | 1000.0 | 185555.0 | 0.538978 | Y |
| 6 | STD50 460-1052136/9 | 500.0 | 239.638289 | 1000.0 | 225373.0 | 0.479277 | Y |
| 7 | STD200 460-1052136/10 | 2000.0 | 1075.516879 | 1000.0 | 222586.0 | 0.537758 | Y |
| 8 | STD500 460-1052136/11 | 5000.0 | 2470.443764 | 1000.0 | 225976.0 | 0.494089 | Y |



## Calibration / Carbon disulfide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

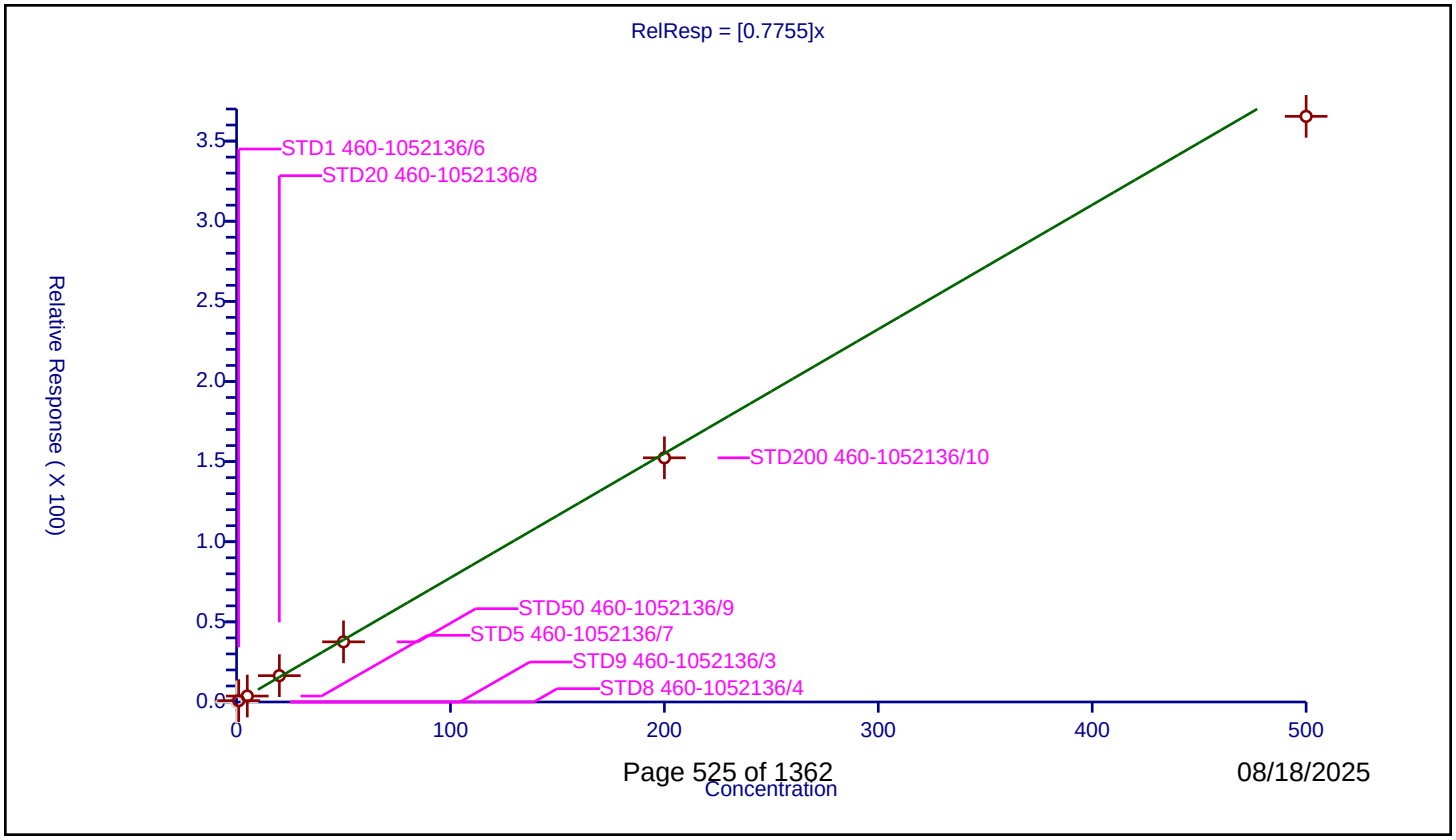
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7755 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.847576 | 50.0 | 524791.0 | 0.847576 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 3.700548 | 50.0 | 535745.0 | 0.74011 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 16.438438 | 50.0 | 493438.0 | 0.821922 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 37.526118 | 50.0 | 529334.0 | 0.750522 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 152.355758 | 50.0 | 562494.0 | 0.761779 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 365.416626 | 50.0 | 602327.0 | 0.730833 | Y |



## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

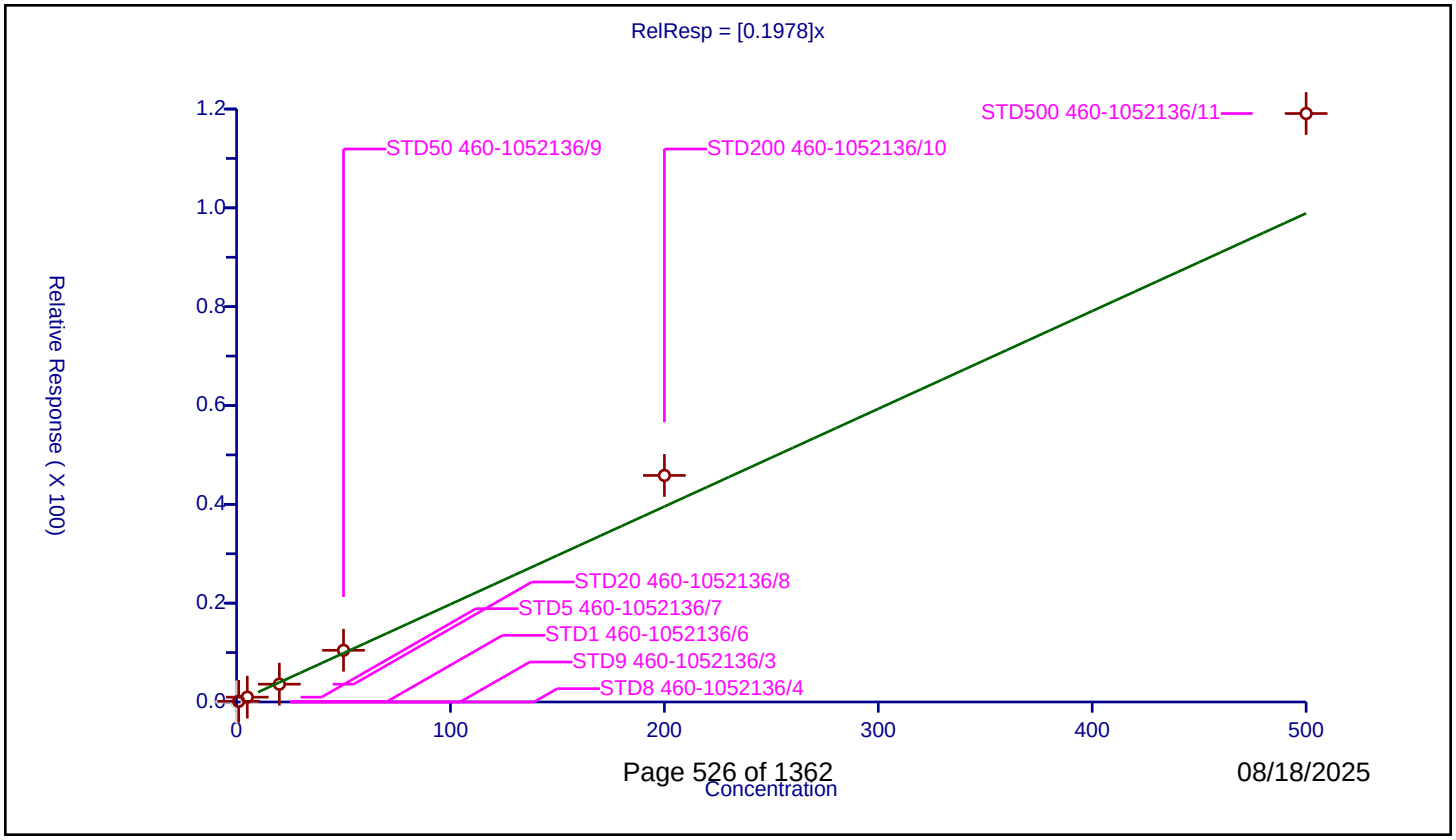
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1978 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.133863 | 50.0 | 524791.0 | 0.133863 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.98041 | 50.0 | 535745.0 | 0.196082 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.603391 | 50.0 | 493438.0 | 0.18017 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 10.458803 | 50.0 | 529334.0 | 0.209176 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 45.844845 | 50.0 | 562494.0 | 0.229224 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 119.087306 | 50.0 | 602327.0 | 0.238175 | Y |



## Calibration / Methyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

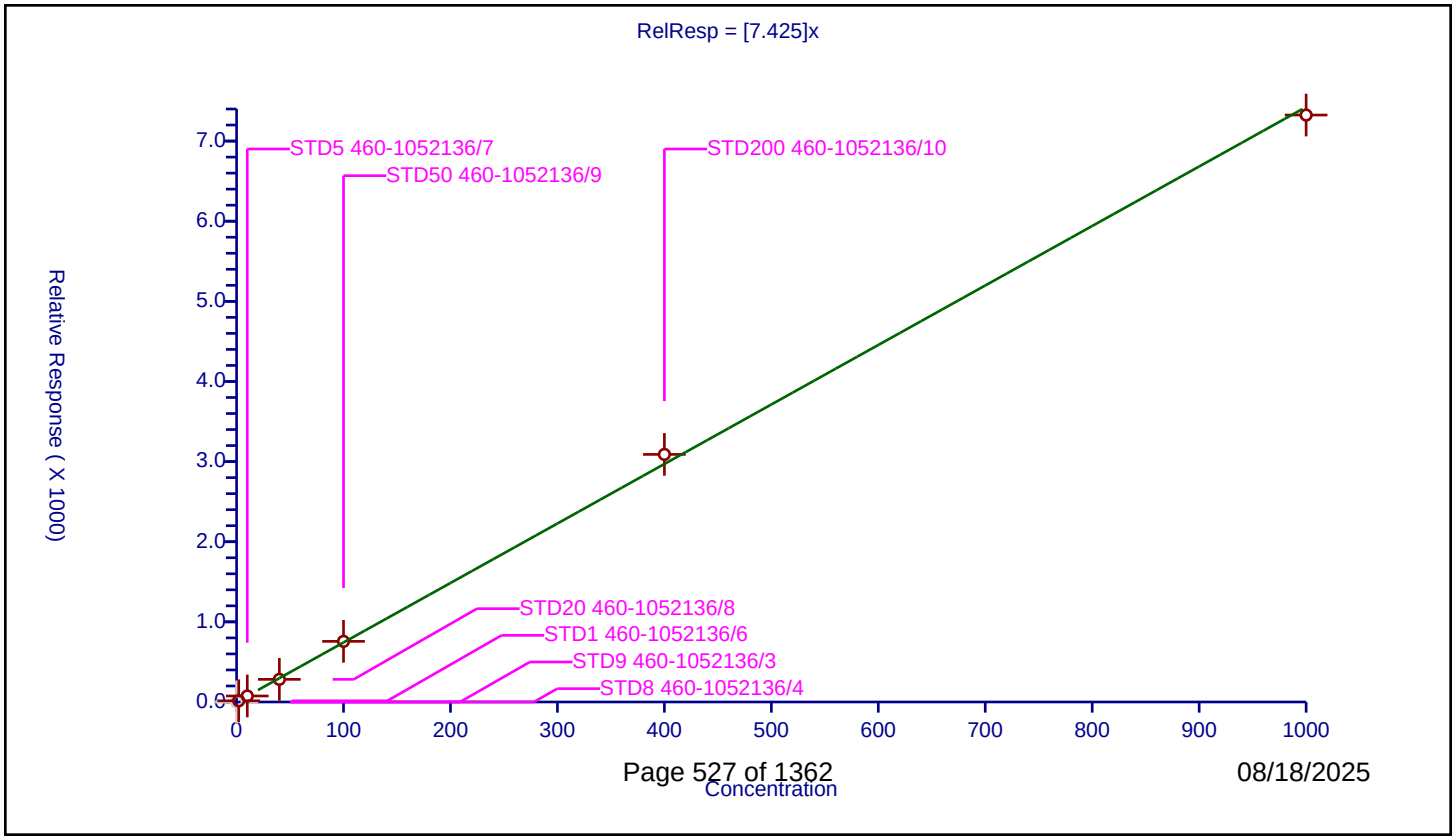
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 7.425 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.4 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 2.0 | 14.755835 | 1000.0 | 210493.0 | 7.377918 | Y |
| 4 | STD5 460-1052136/7 | 10.0 | 75.011051 | 1000.0 | 217168.0 | 7.501105 | Y |
| 5 | STD20 460-1052136/8 | 40.0 | 282.282881 | 1000.0 | 185555.0 | 7.057072 | Y |
| 6 | STD50 460-1052136/9 | 100.0 | 756.687802 | 1000.0 | 225373.0 | 7.566878 | Y |
| 7 | STD200 460-1052136/10 | 400.0 | 3089.825955 | 1000.0 | 222586.0 | 7.724565 | Y |
| 8 | STD500 460-1052136/11 | 1000.0 | 7324.680497 | 1000.0 | 225976.0 | 7.32468 | Y |



## Calibration / Cyclopentene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

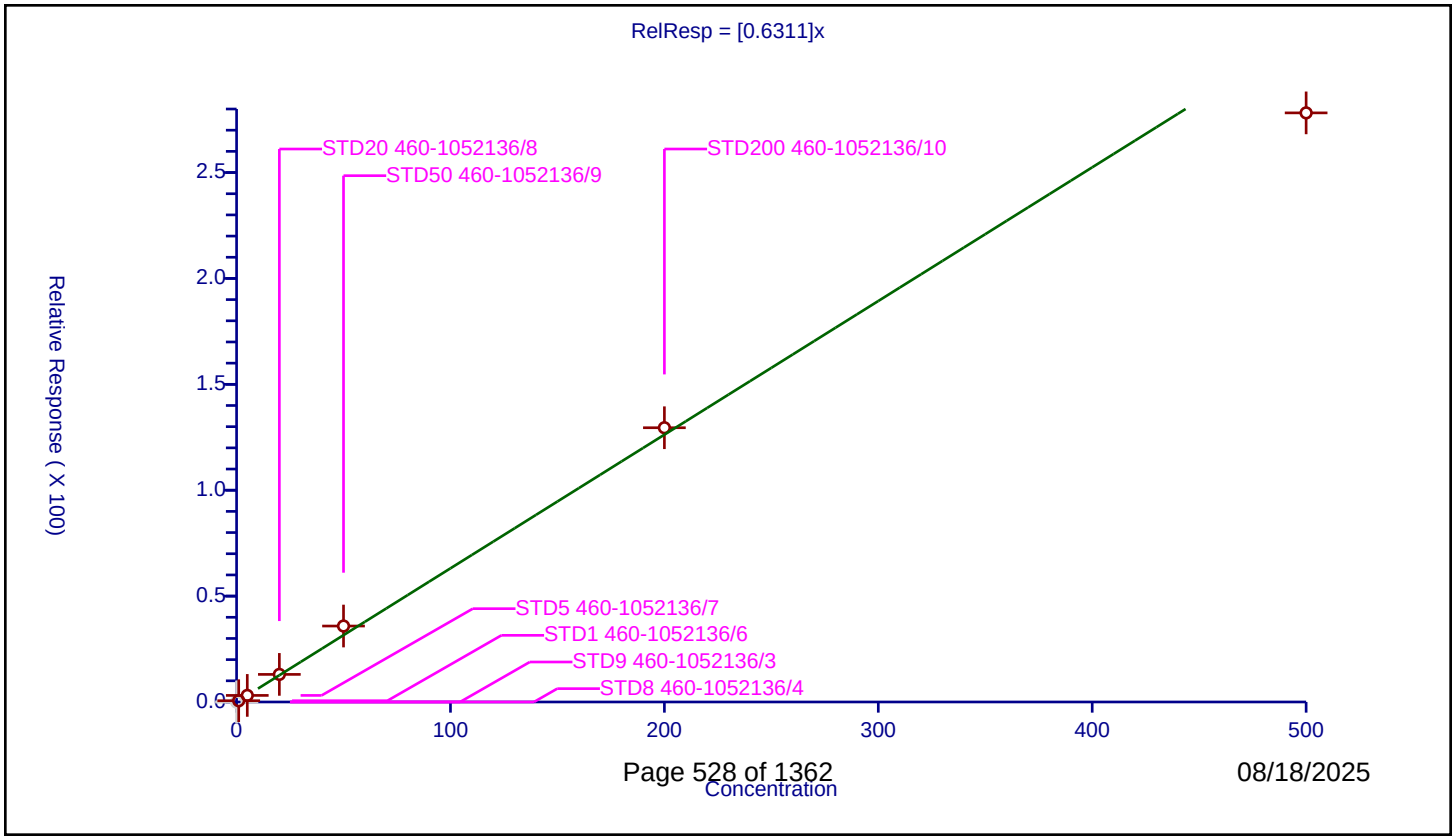
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6311 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.593093 | 50.0 | 524791.0 | 0.593093 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 3.107355 | 50.0 | 535745.0 | 0.621471 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 13.022305 | 50.0 | 493438.0 | 0.651115 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 35.865729 | 50.0 | 529334.0 | 0.717315 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 129.500581 | 50.0 | 562494.0 | 0.647503 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 278.176638 | 50.0 | 602327.0 | 0.556353 | Y |



## Calibration / Acetonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

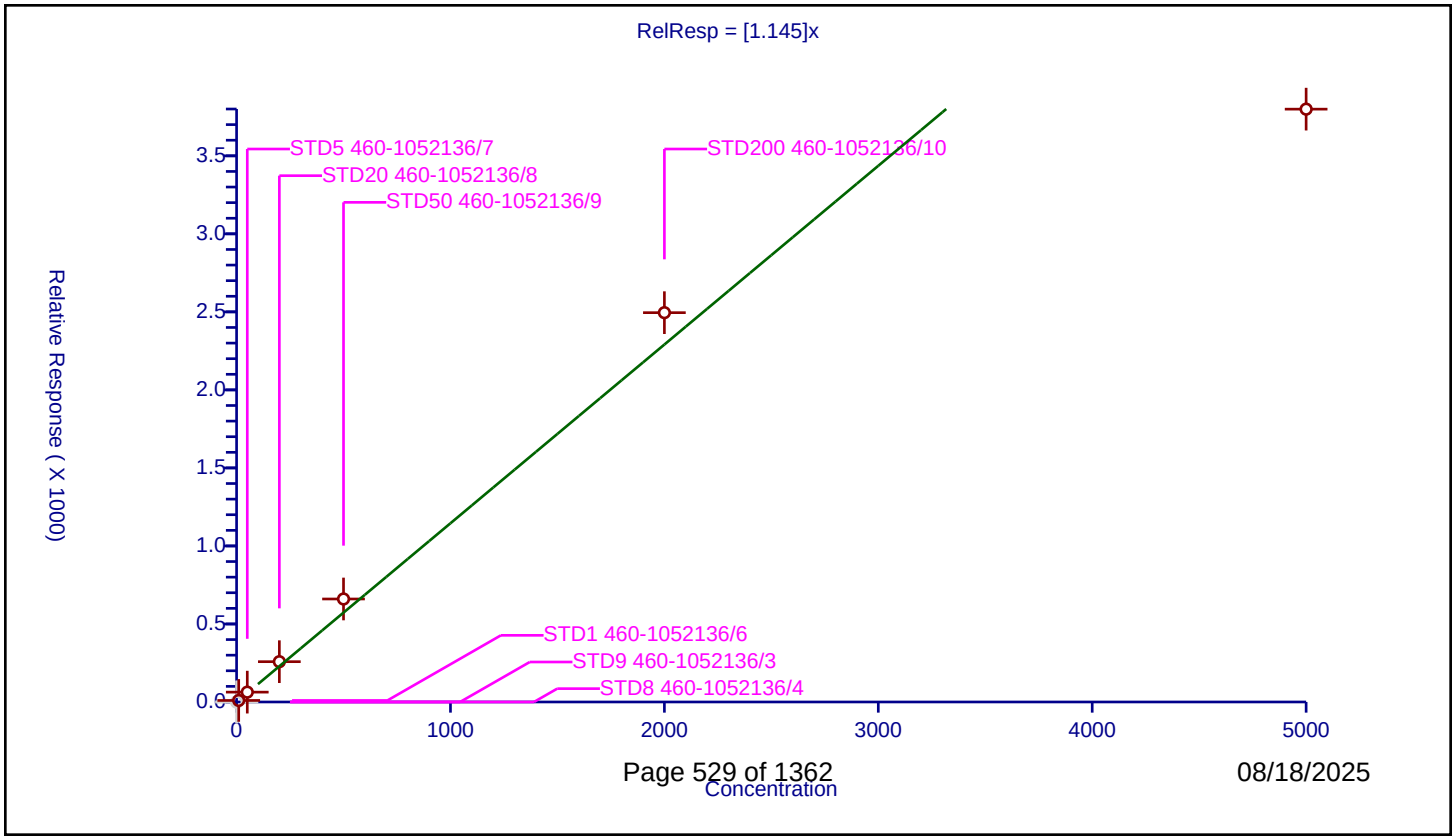
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.145 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 2.0 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 10.0 | 9.910068 | 1000.0 | 210493.0 | 0.991007 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 63.126243 | 1000.0 | 217168.0 | 1.262525 | Y |
| 5 | STD20 460-1052136/8 | 200.0 | 258.289995 | 1000.0 | 185555.0 | 1.29145 | Y |
| 6 | STD50 460-1052136/9 | 500.0 | 660.030261 | 1000.0 | 225373.0 | 1.320061 | Y |
| 7 | STD200 460-1052136/10 | 2000.0 | 2494.954759 | 1000.0 | 222586.0 | 1.247477 | Y |
| 8 | STD500 460-1052136/11 | 5000.0 | 3799.133536 | 1000.0 | 225976.0 | 0.759827 | Y |



## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

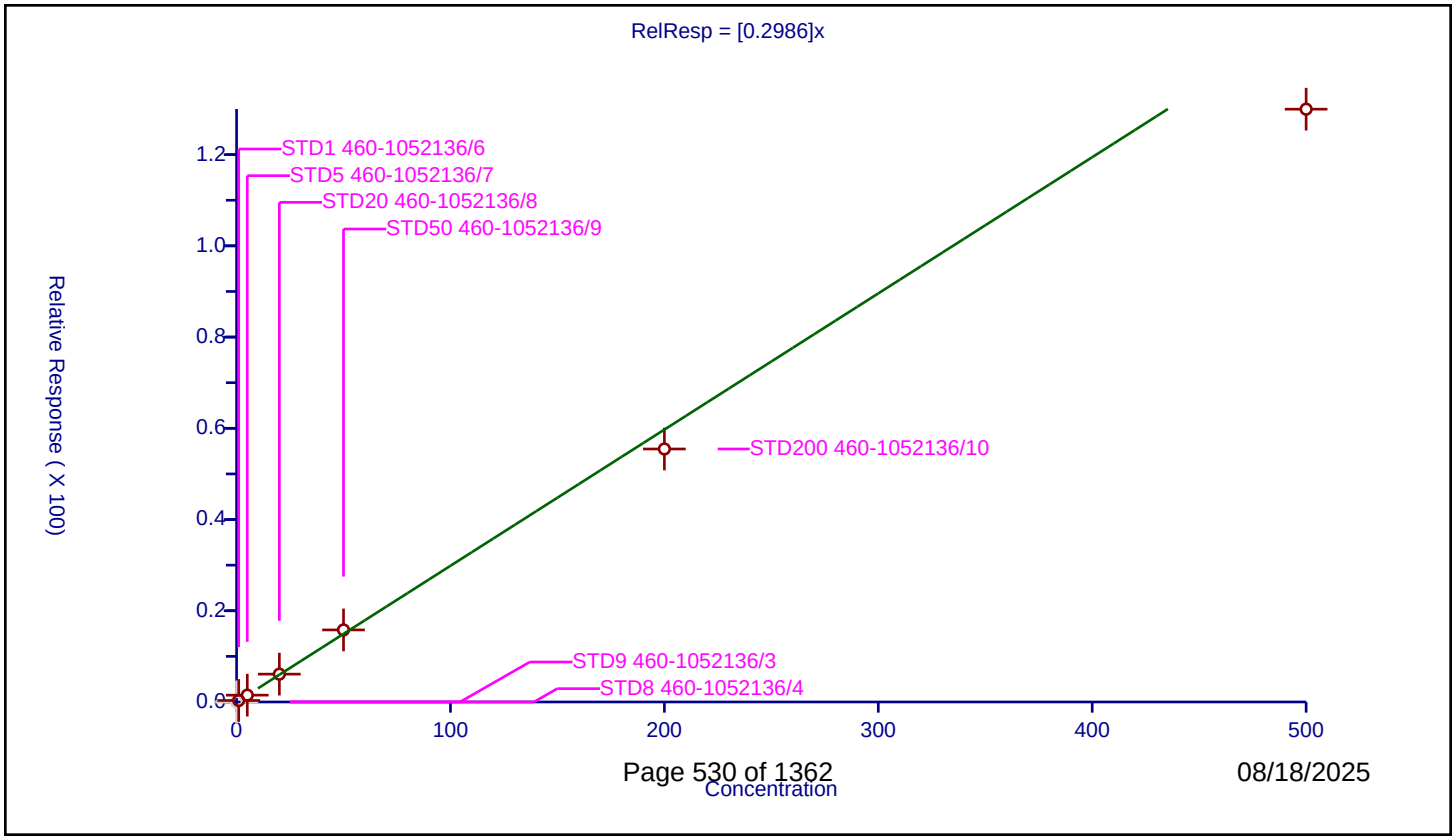
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2986 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.333085 | 50.0 | 524791.0 | 0.333085 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.498381 | 50.0 | 535745.0 | 0.299676 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 6.109177 | 50.0 | 493438.0 | 0.305459 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 15.801554 | 50.0 | 529334.0 | 0.316031 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 55.466014 | 50.0 | 562494.0 | 0.27733 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 129.964953 | 50.0 | 602327.0 | 0.25993 | Y |



## Calibration / 2-Methyl-2-propanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

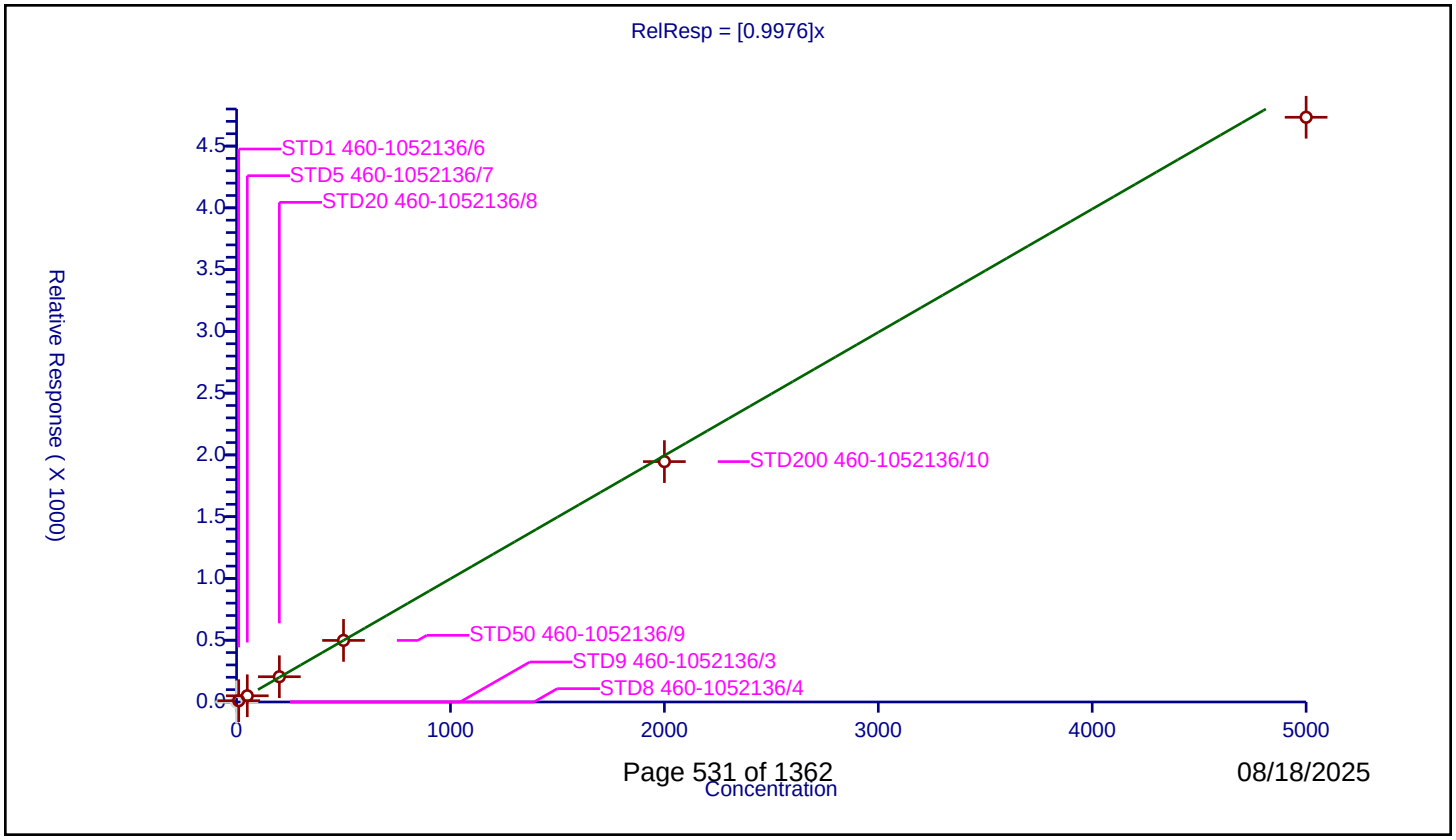
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9976 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 2.0 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 10.0 | 10.4279 | 1000.0 | 210493.0 | 1.04279 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 50.159324 | 1000.0 | 217168.0 | 1.003186 | Y |
| 5 | STD20 460-1052136/8 | 200.0 | 204.537738 | 1000.0 | 185555.0 | 1.022689 | Y |
| 6 | STD50 460-1052136/9 | 500.0 | 498.600099 | 1000.0 | 225373.0 | 0.9972 | Y |
| 7 | STD200 460-1052136/10 | 2000.0 | 1945.80971 | 1000.0 | 222586.0 | 0.972905 | Y |
| 8 | STD500 460-1052136/11 | 5000.0 | 4733.352214 | 1000.0 | 225976.0 | 0.94667 | Y |



## Calibration / Methyl tert-butyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

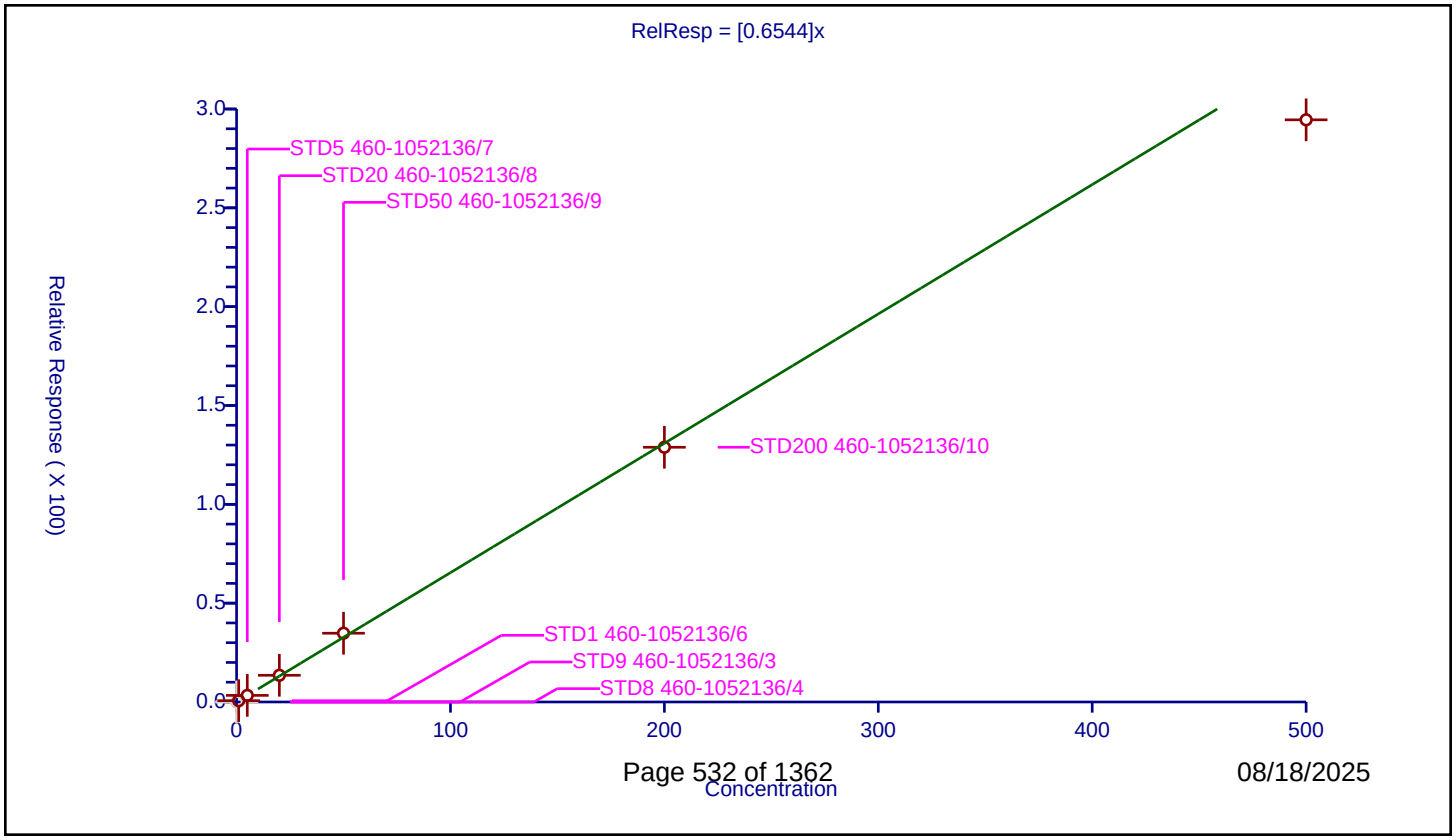
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6544 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.654165 | 50.0 | 524791.0 | 0.654165 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 3.335075 | 50.0 | 535745.0 | 0.667015 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 13.517402 | 50.0 | 493438.0 | 0.67587 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 34.791927 | 50.0 | 529334.0 | 0.695839 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 128.875597 | 50.0 | 562494.0 | 0.644378 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 294.536107 | 50.0 | 602327.0 | 0.589072 | 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 |

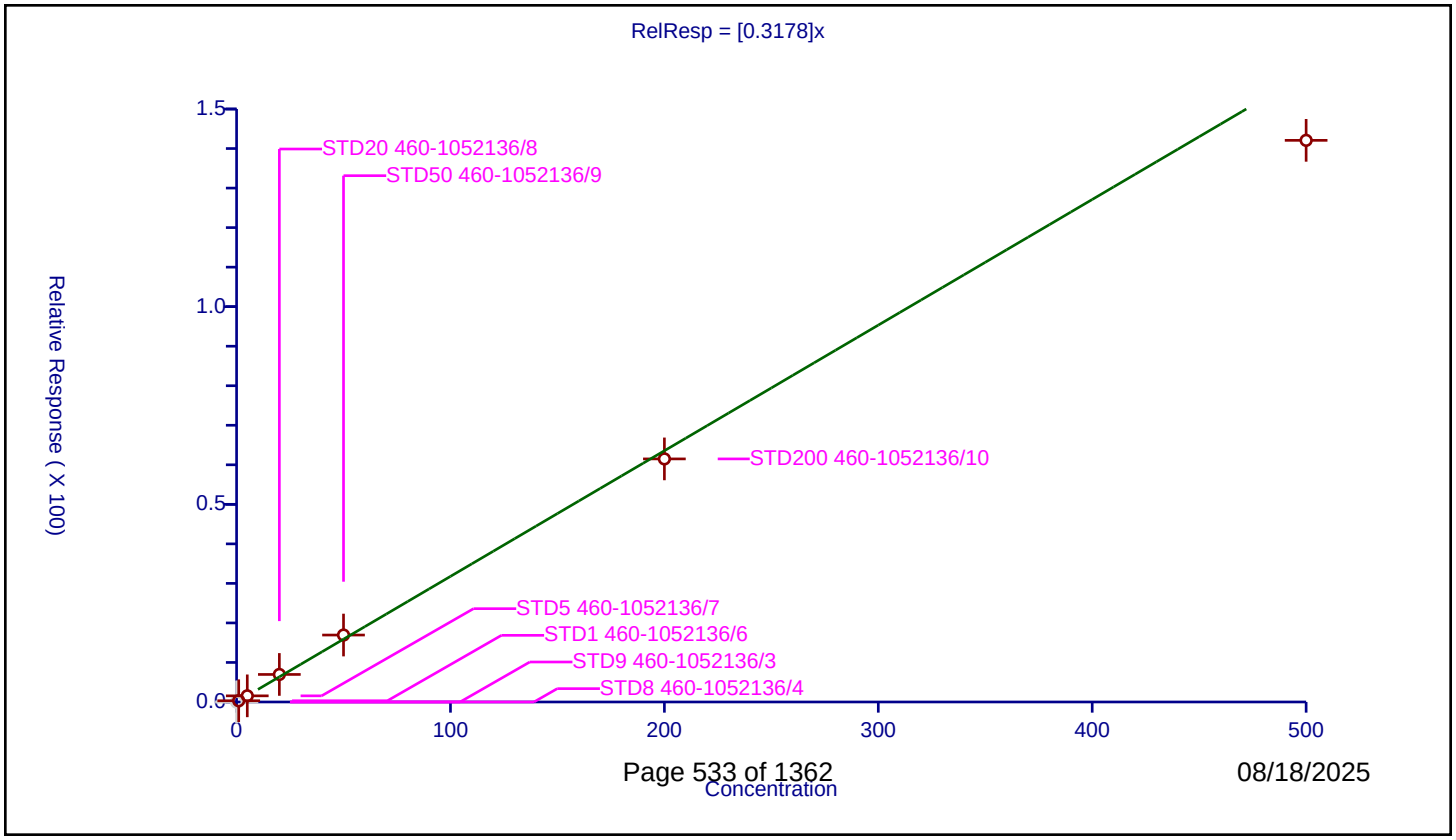
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3178 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.316698 | 50.0 | 524791.0 | 0.316698 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.557177 | 50.0 | 535745.0 | 0.311435 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 6.965313 | 50.0 | 493438.0 | 0.348266 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 16.932409 | 50.0 | 529334.0 | 0.338648 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 61.488834 | 50.0 | 562494.0 | 0.307444 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 142.072911 | 50.0 | 602327.0 | 0.284146 | Y |



## Calibration / Acrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

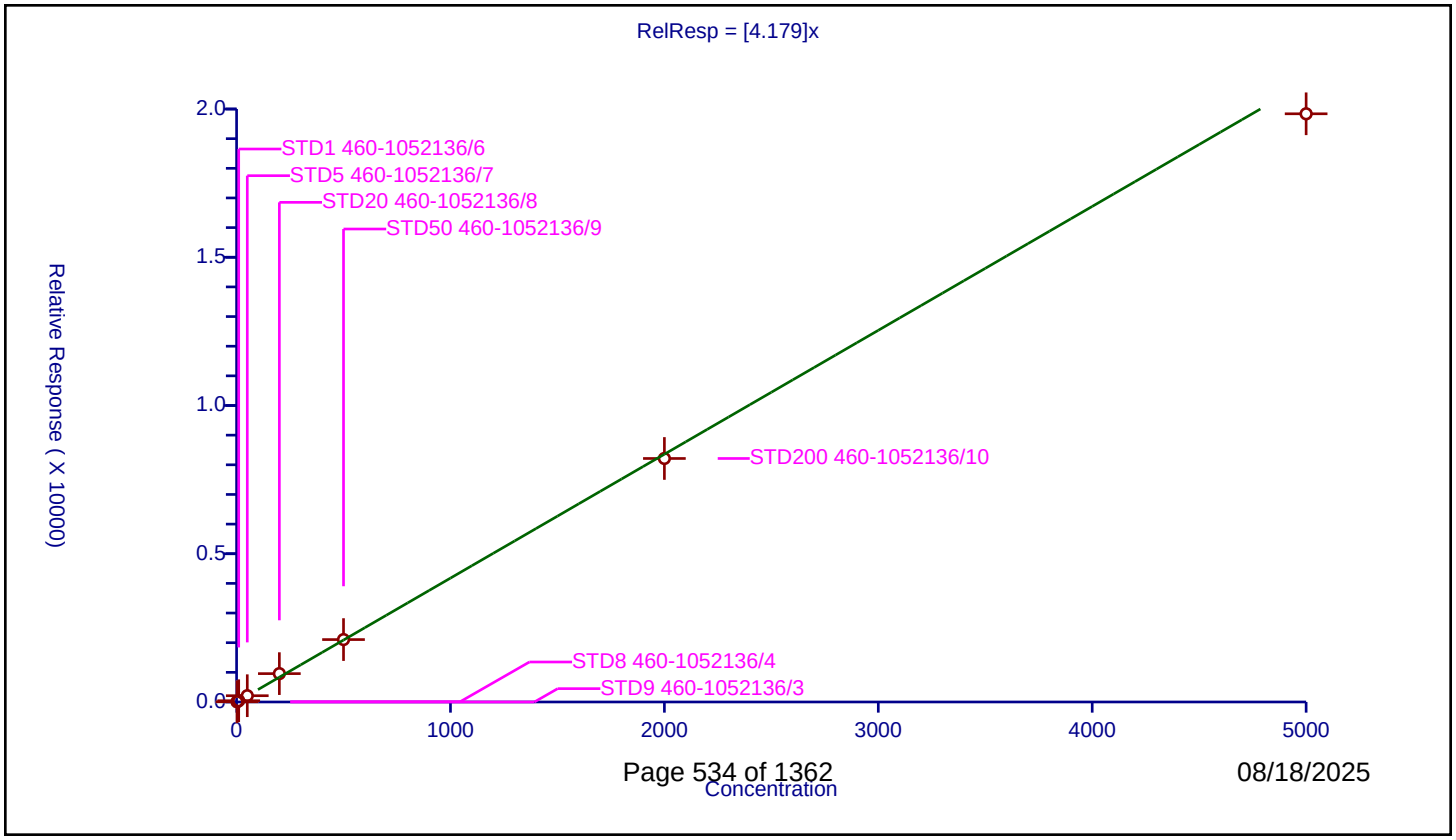
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.179 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 2.0 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 2 | STD8 460-1052136/4 | 2.0 | 7.432767 | 1000.0 | 210016.0 | 3.716384 | Y |
| 3 | STD1 460-1052136/6 | 10.0 | 42.248436 | 1000.0 | 210493.0 | 4.224844 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 212.06163 | 1000.0 | 217168.0 | 4.241233 | Y |
| 5 | STD20 460-1052136/8 | 200.0 | 956.891488 | 1000.0 | 185555.0 | 4.784457 | Y |
| 6 | STD50 460-1052136/9 | 500.0 | 2104.670923 | 1000.0 | 225373.0 | 4.209342 | Y |
| 7 | STD200 460-1052136/10 | 2000.0 | 8212.892994 | 1000.0 | 222586.0 | 4.106446 | Y |
| 8 | STD500 460-1052136/11 | 5000.0 | 19838.743937 | 1000.0 | 225976.0 | 3.967749 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

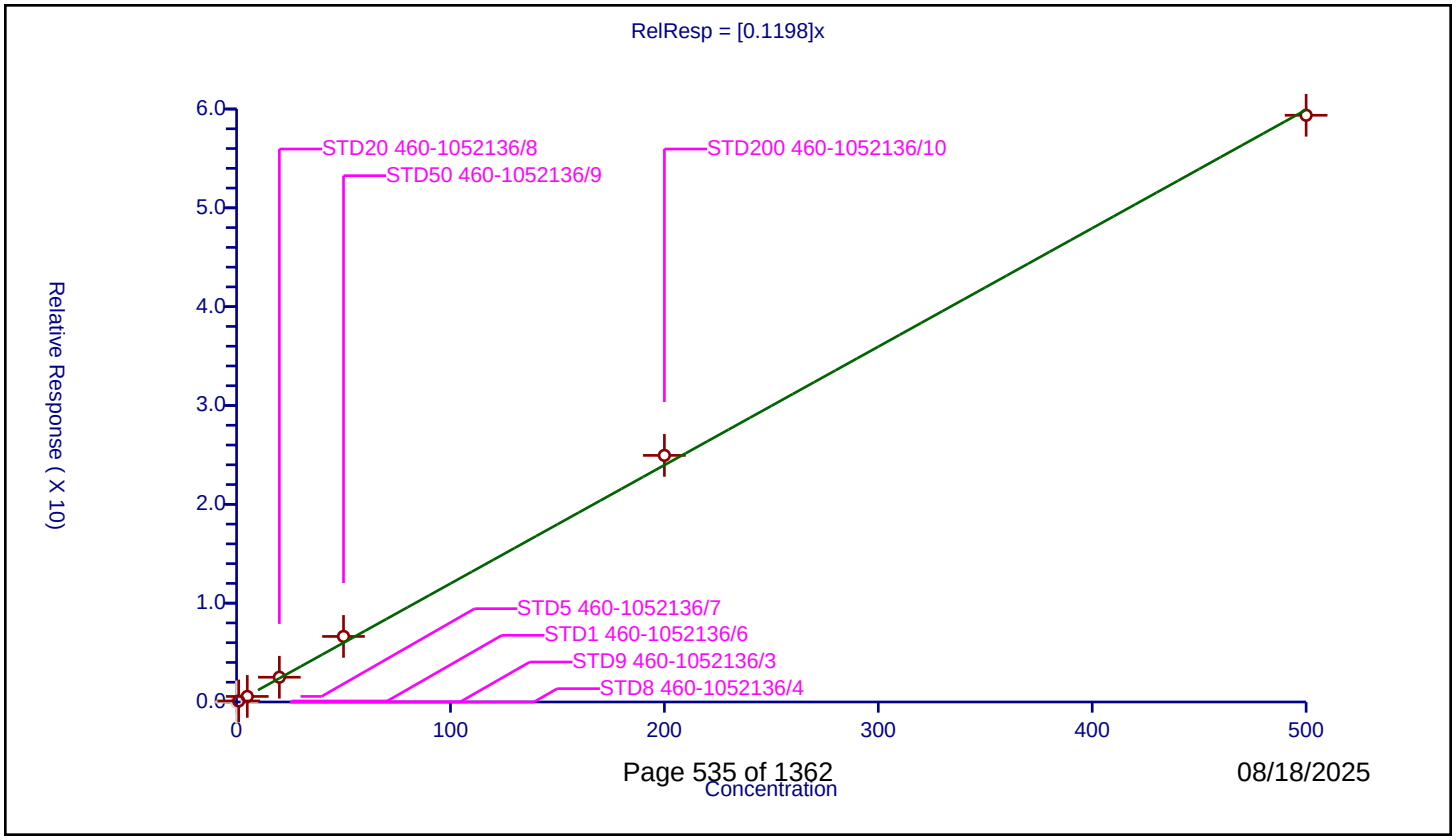
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1198 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.105185 | 50.0 | 524791.0 | 0.105185 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.562301 | 50.0 | 535745.0 | 0.11246 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 2.50457 | 50.0 | 493438.0 | 0.125228 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 6.634941 | 50.0 | 529334.0 | 0.132699 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 24.952799 | 50.0 | 562494.0 | 0.124764 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 59.369412 | 50.0 | 602327.0 | 0.118739 | Y |



## Calibration / Isopropyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

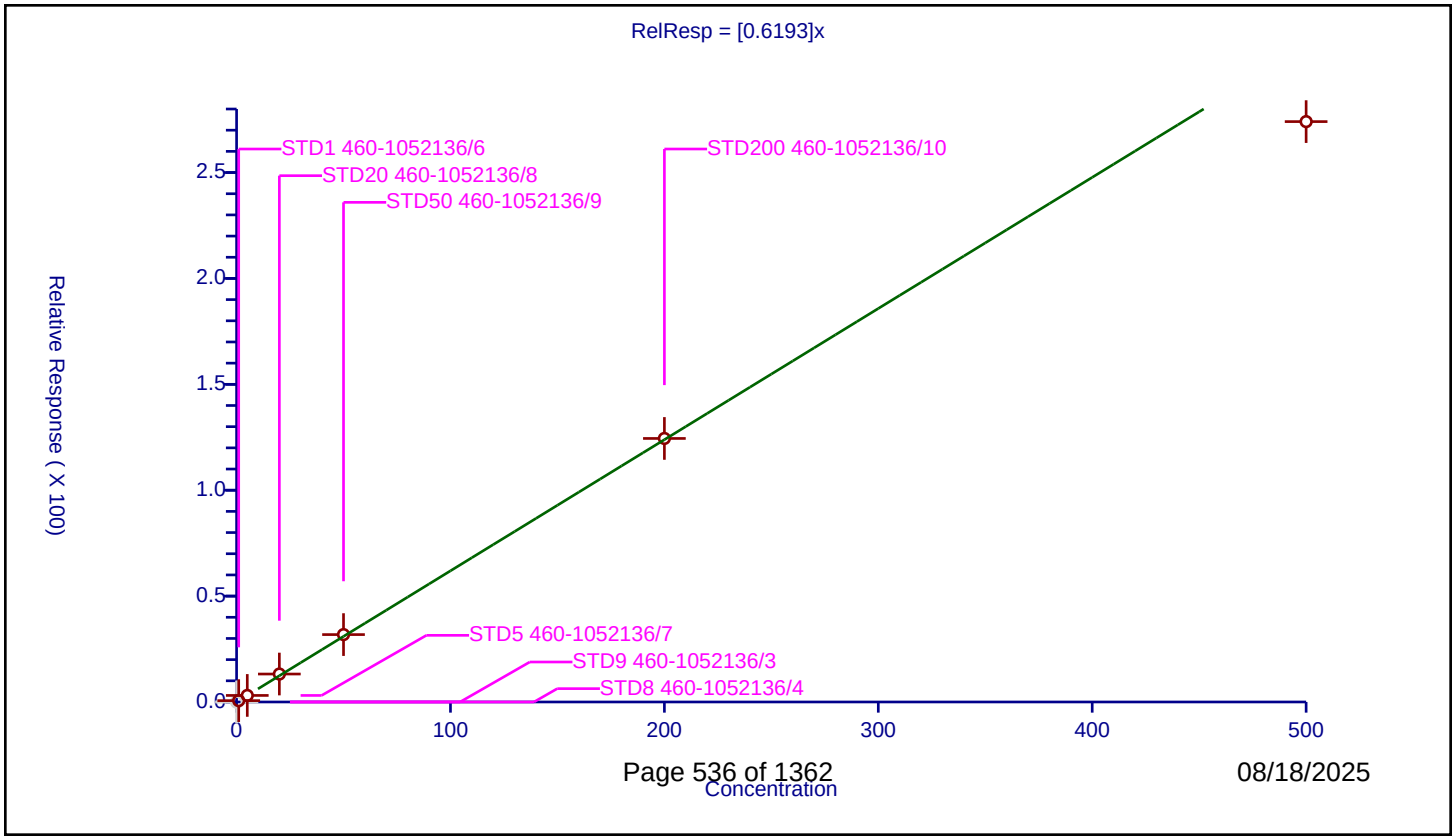
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6193 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.631108 | 50.0 | 524791.0 | 0.631108 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 3.090463 | 50.0 | 535745.0 | 0.618093 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 13.197504 | 50.0 | 493438.0 | 0.659875 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 31.826975 | 50.0 | 529334.0 | 0.63654 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 124.443727 | 50.0 | 562494.0 | 0.622219 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 274.054625 | 50.0 | 602327.0 | 0.548109 | Y |



## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

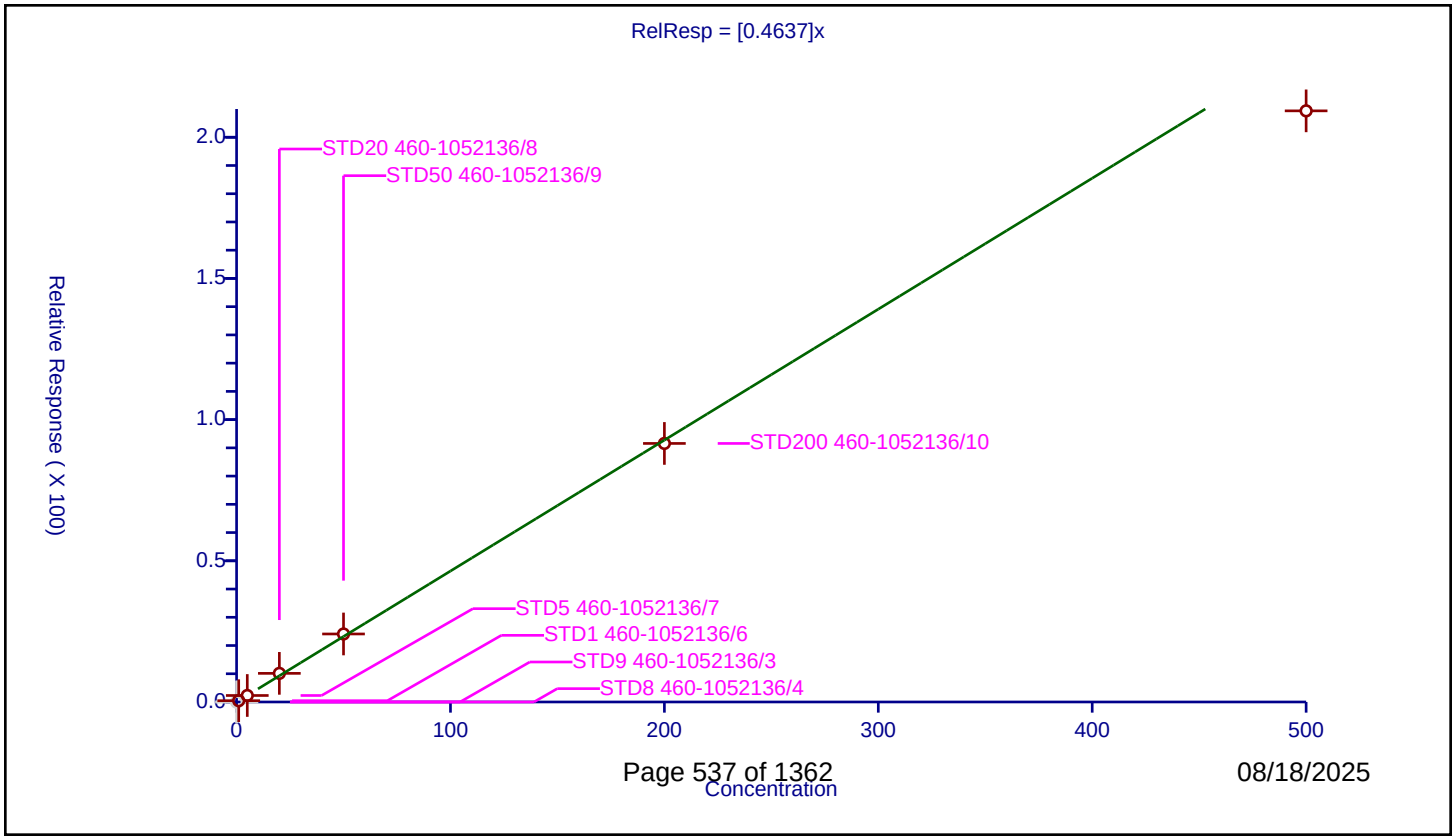
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4637 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.456753 | 50.0 | 524791.0 | 0.456753 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.301748 | 50.0 | 535745.0 | 0.46035 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 10.139774 | 50.0 | 493438.0 | 0.506989 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 24.082904 | 50.0 | 529334.0 | 0.481658 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 91.562932 | 50.0 | 562494.0 | 0.457815 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 209.352561 | 50.0 | 602327.0 | 0.418705 | Y |



## Calibration / Vinyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

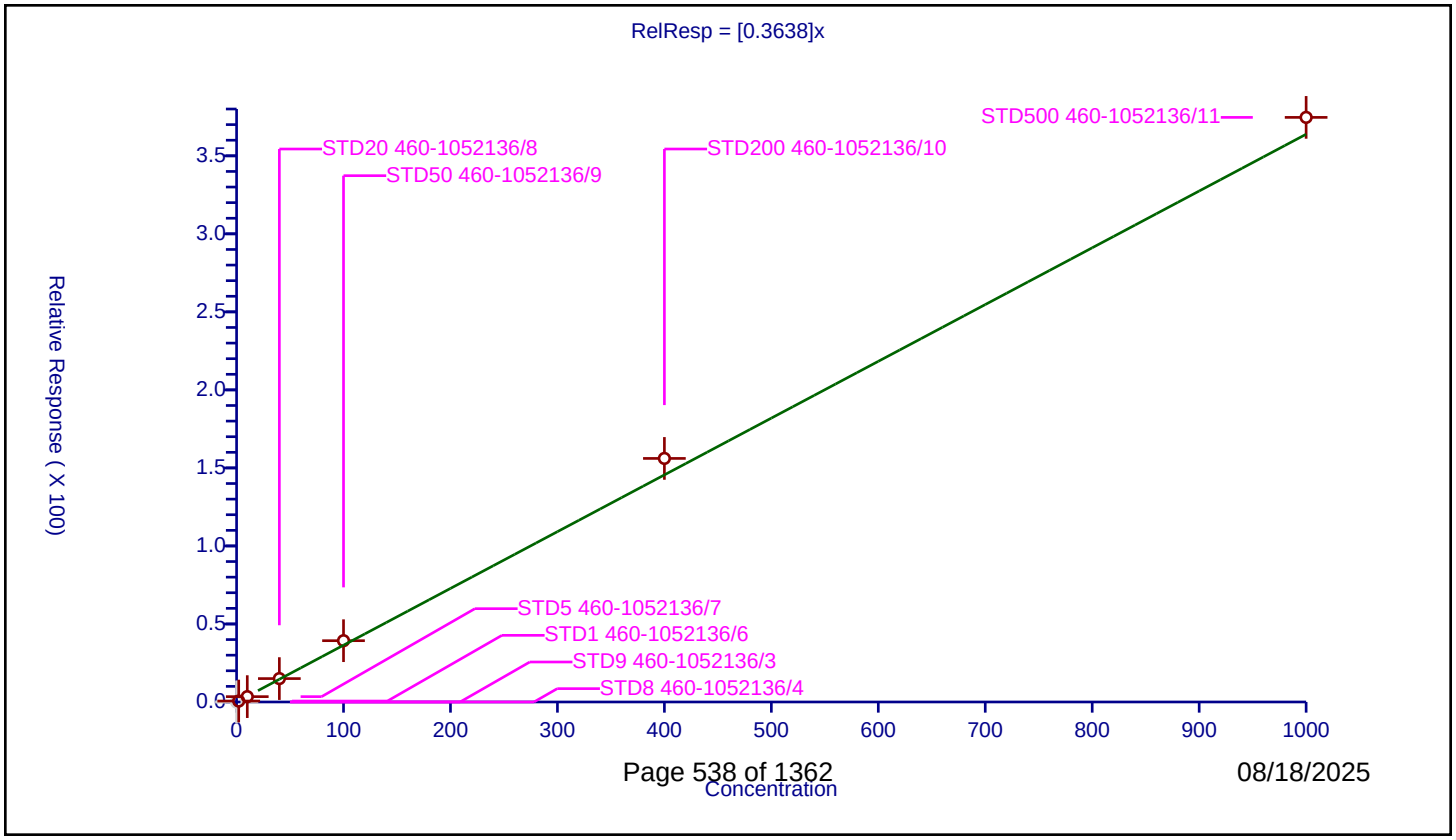
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3638 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.4 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 2.0 | 0.613578 | 50.0 | 524791.0 | 0.306789 | Y |
| 4 | STD5 460-1052136/7 | 10.0 | 3.434843 | 50.0 | 535745.0 | 0.343484 | Y |
| 5 | STD20 460-1052136/8 | 40.0 | 15.003911 | 50.0 | 493438.0 | 0.375098 | Y |
| 6 | STD50 460-1052136/9 | 100.0 | 39.276808 | 50.0 | 529334.0 | 0.392768 | Y |
| 7 | STD200 460-1052136/10 | 400.0 | 156.076331 | 50.0 | 562494.0 | 0.390191 | Y |
| 8 | STD500 460-1052136/11 | 1000.0 | 374.642262 | 50.0 | 602327.0 | 0.374642 | 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 |

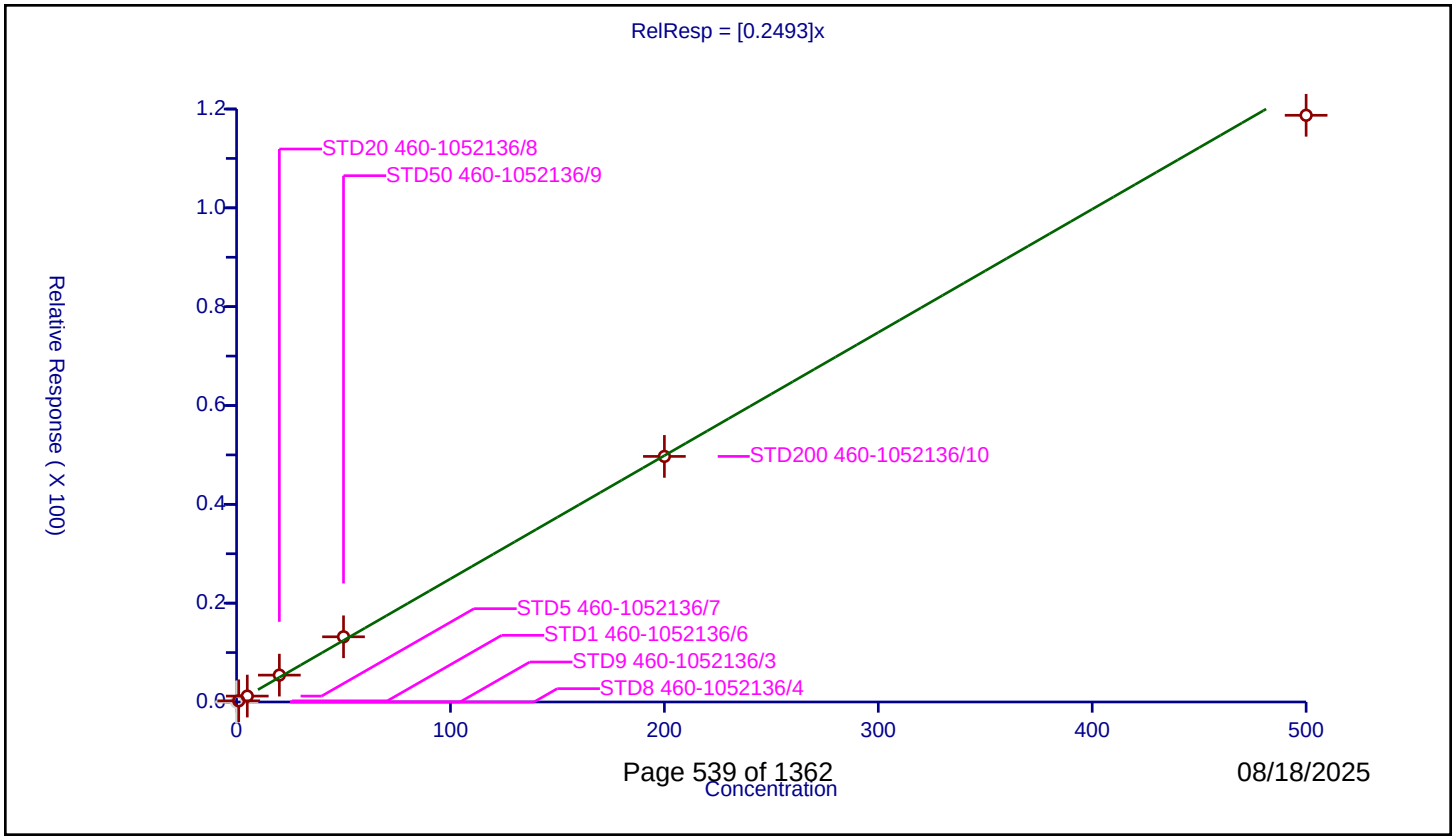
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2493 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.235618 | 50.0 | 524791.0 | 0.235618 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.192732 | 50.0 | 535745.0 | 0.238546 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 5.438272 | 50.0 | 493438.0 | 0.271914 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 13.192805 | 50.0 | 529334.0 | 0.263856 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 49.69813 | 50.0 | 562494.0 | 0.248491 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 118.731935 | 50.0 | 602327.0 | 0.237464 | 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 |

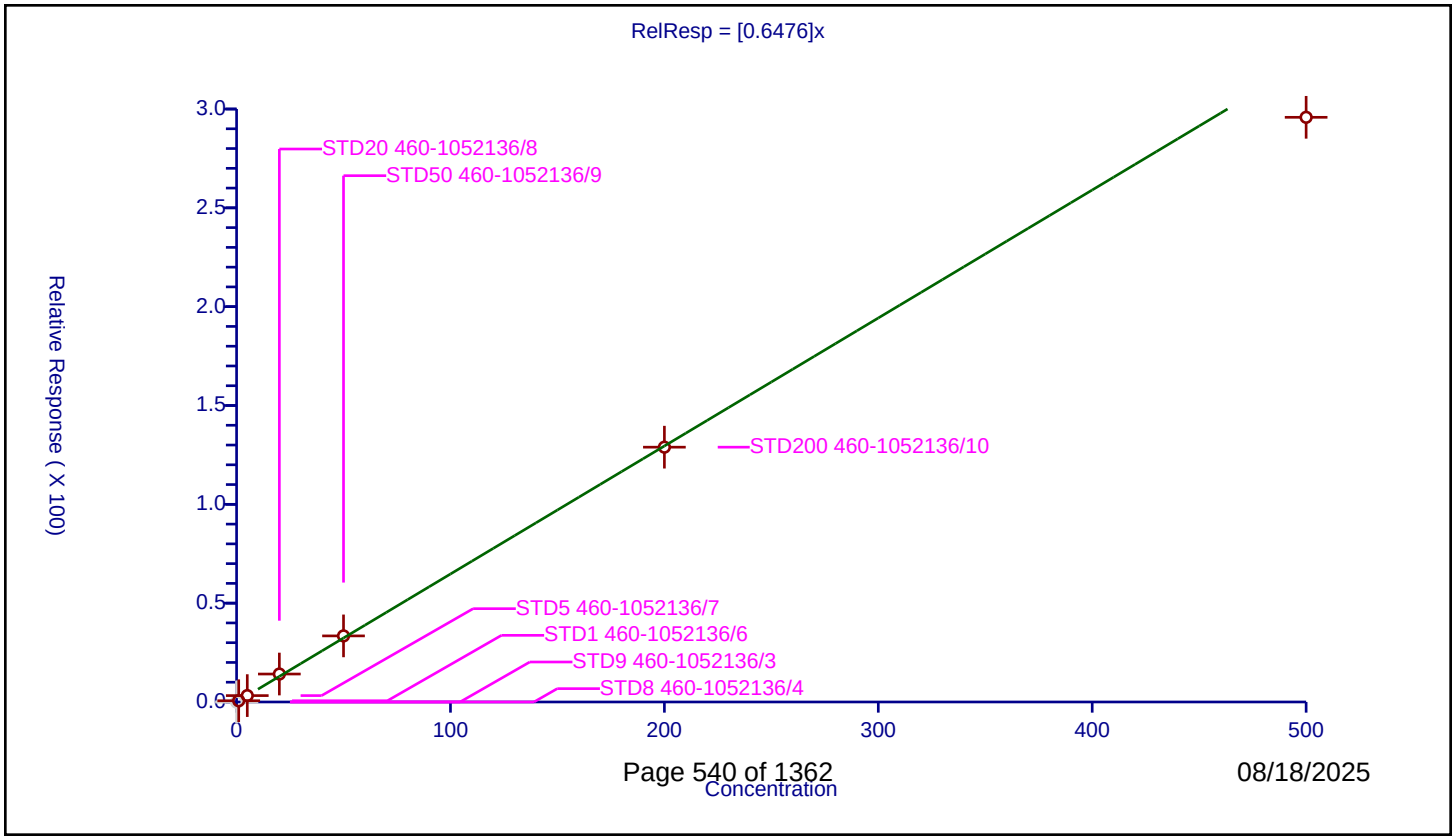
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6476 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.626726 | 50.0 | 524791.0 | 0.626726 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 3.231295 | 50.0 | 535745.0 | 0.646259 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 14.151119 | 50.0 | 493438.0 | 0.707556 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 33.435317 | 50.0 | 529334.0 | 0.668706 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 128.916842 | 50.0 | 562494.0 | 0.644584 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 295.809834 | 50.0 | 602327.0 | 0.59162 | Y |



## Calibration / 2,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

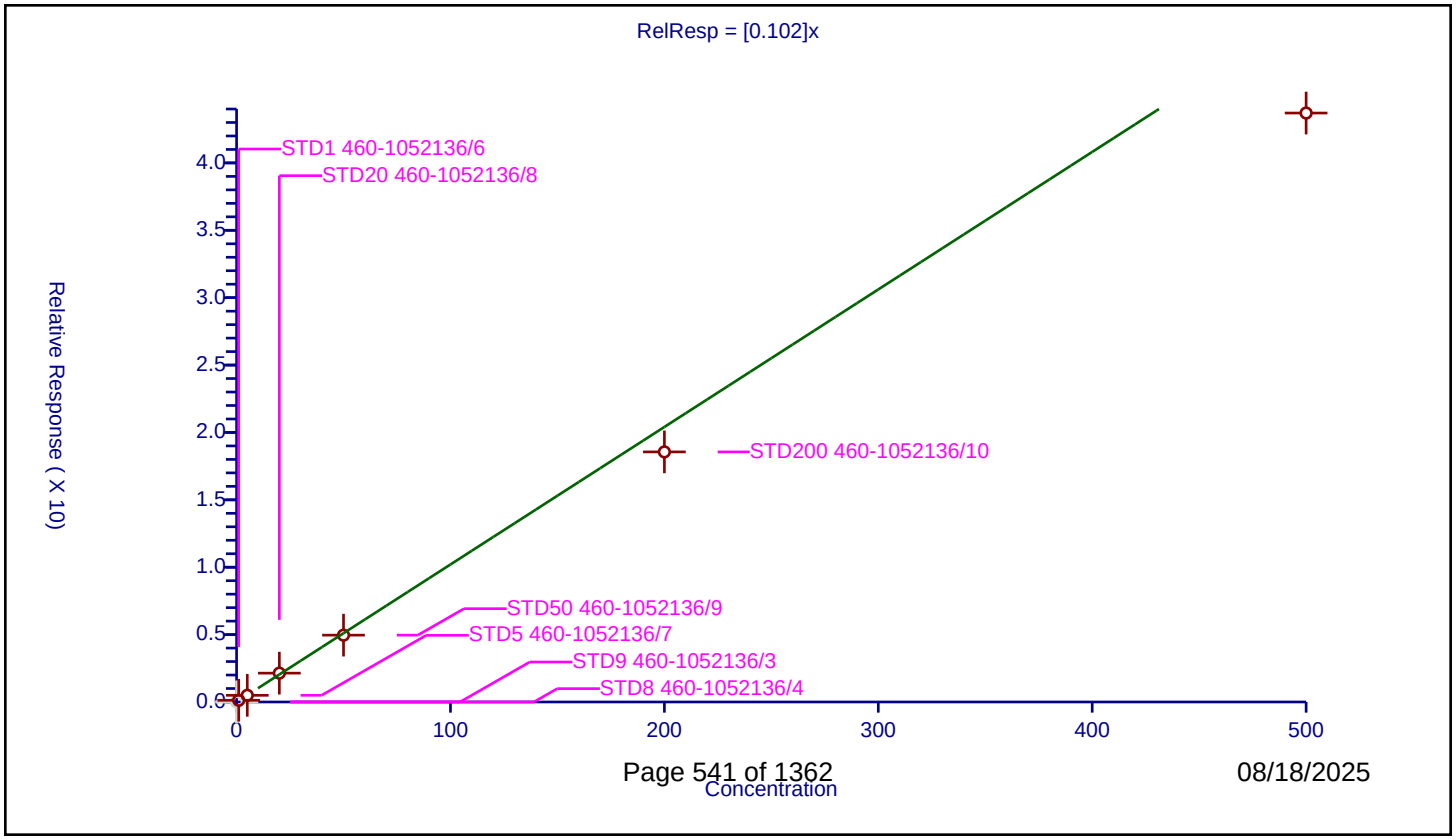
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.102 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.126908 | 50.0 | 524791.0 | 0.126908 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.494825 | 50.0 | 535745.0 | 0.098965 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 2.139681 | 50.0 | 493438.0 | 0.106984 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 4.959251 | 50.0 | 529334.0 | 0.099185 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 18.558065 | 50.0 | 562494.0 | 0.09279 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 43.701179 | 50.0 | 602327.0 | 0.087402 | Y |



## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

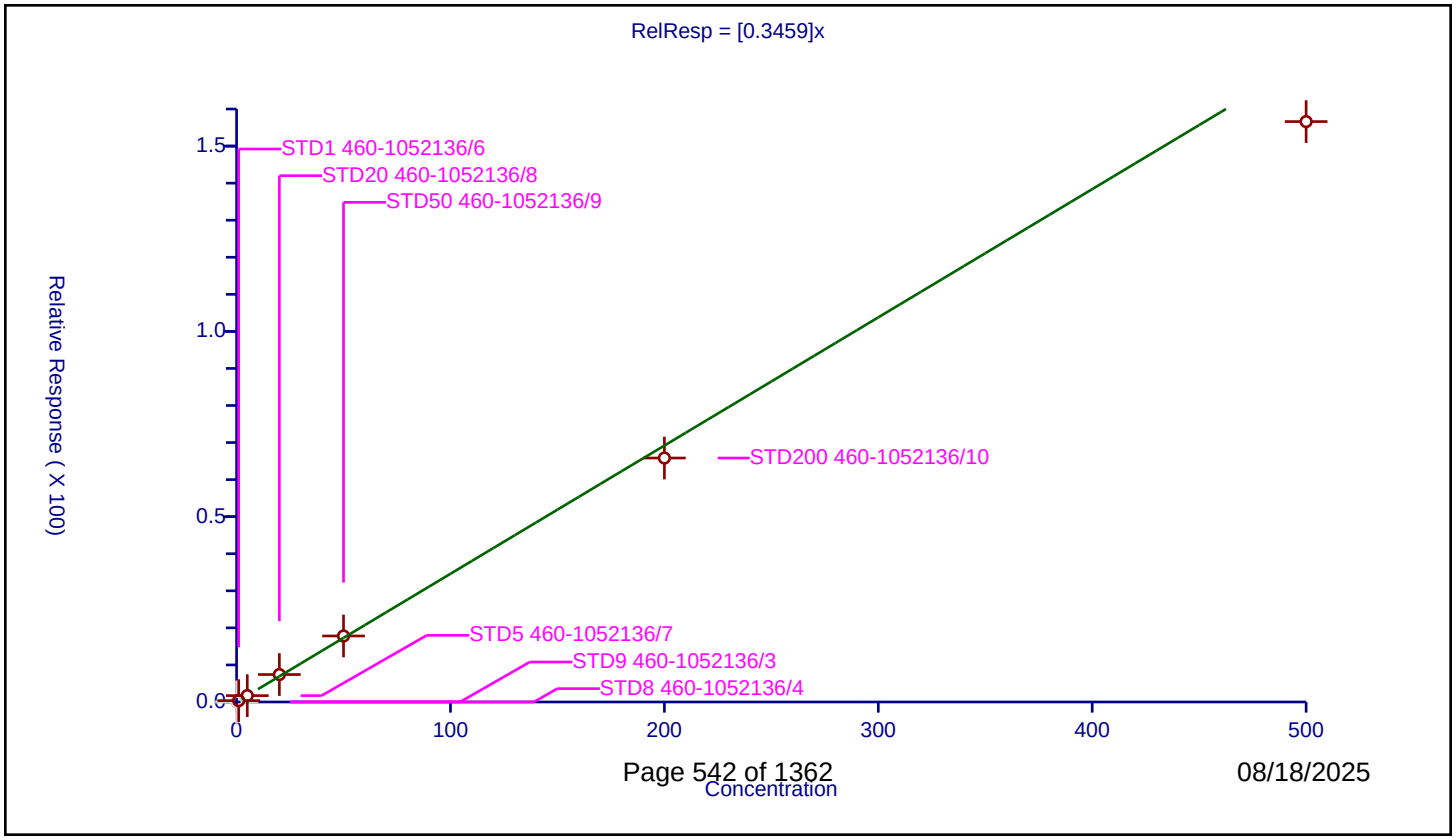
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3459 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.363002 | 50.0 | 524791.0 | 0.363002 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.719101 | 50.0 | 535745.0 | 0.34382 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.404882 | 50.0 | 493438.0 | 0.370244 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 17.810777 | 50.0 | 529334.0 | 0.356216 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 65.826569 | 50.0 | 562494.0 | 0.329133 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 156.607623 | 50.0 | 602327.0 | 0.313215 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

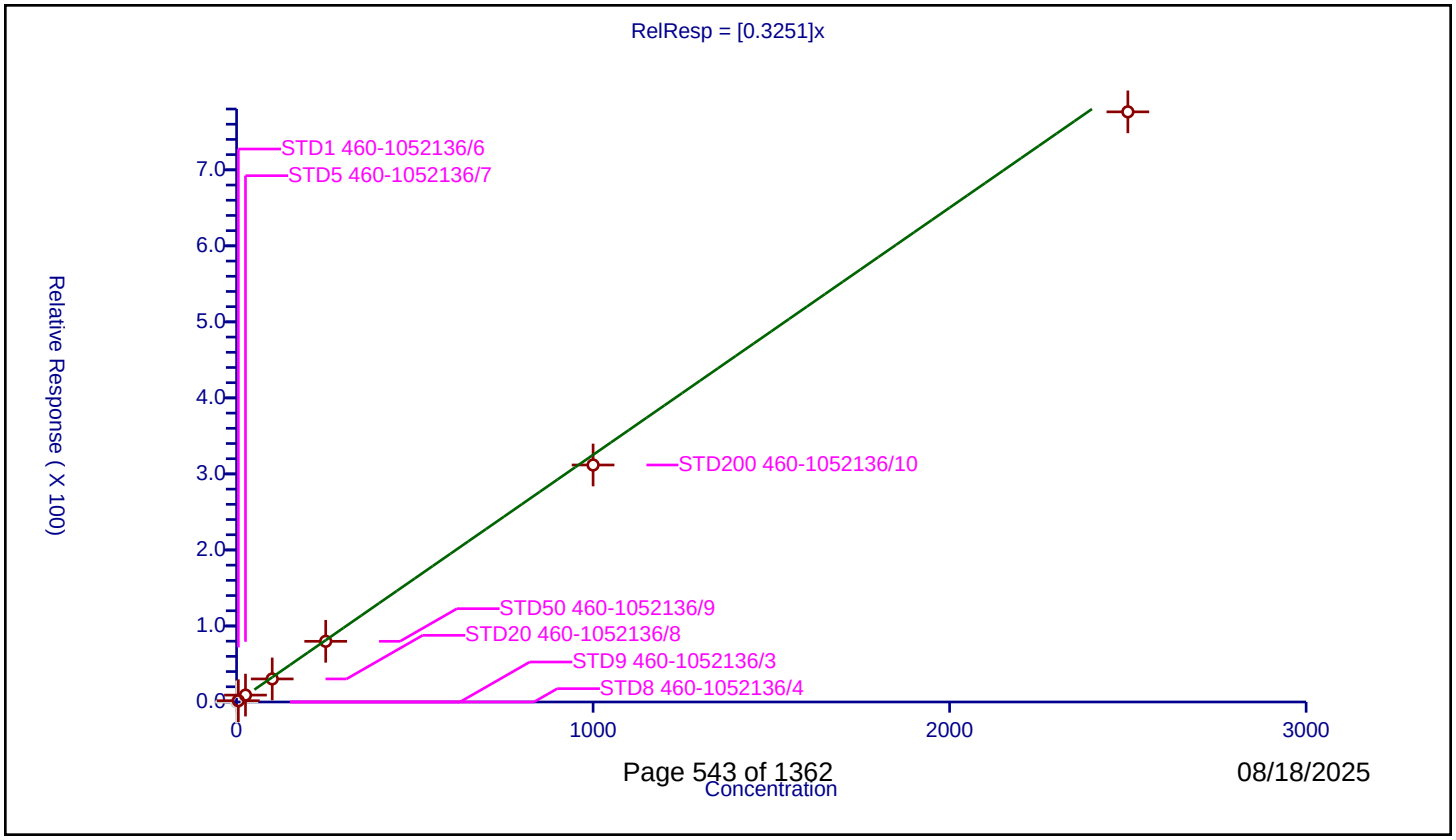
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3251 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 250.0 | 209371.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 1.0 | 0.0 | 250.0 | 191662.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 5.0 | 1.717739 | 250.0 | 206667.0 | 0.343548 | Y |
| 4 | STD5 460-1052136/7 | 25.0 | 9.05825 | 250.0 | 207932.0 | 0.36233 | Y |
| 5 | STD20 460-1052136/8 | 100.0 | 30.30882 | 250.0 | 183181.0 | 0.303088 | Y |
| 6 | STD50 460-1052136/9 | 250.0 | 79.834931 | 250.0 | 210215.0 | 0.31934 | Y |
| 7 | STD200 460-1052136/10 | 1000.0 | 311.751652 | 250.0 | 231176.0 | 0.311752 | Y |
| 8 | STD500 460-1052136/11 | 2500.0 | 776.275385 | 250.0 | 241633.0 | 0.31051 | Y |



## Calibration / Ethyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

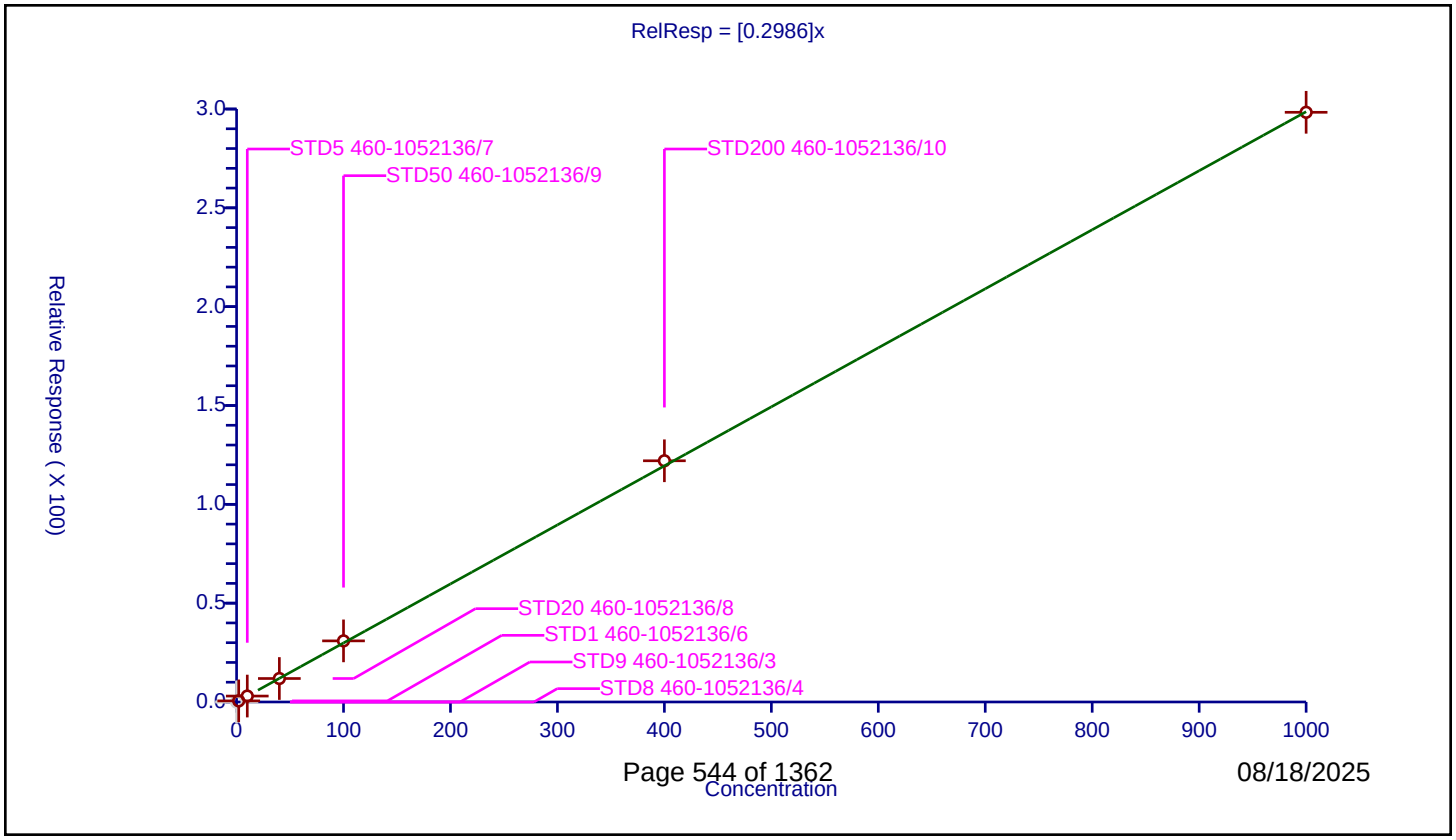
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2986 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 250.0 | 209371.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.4 | 0.0 | 250.0 | 191662.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 2.0 | 0.563709 | 250.0 | 206667.0 | 0.281854 | Y |
| 4 | STD5 460-1052136/7 | 10.0 | 3.00579 | 250.0 | 207932.0 | 0.300579 | Y |
| 5 | STD20 460-1052136/8 | 40.0 | 11.874867 | 250.0 | 183181.0 | 0.296872 | Y |
| 6 | STD50 460-1052136/9 | 100.0 | 30.91121 | 250.0 | 210215.0 | 0.309112 | Y |
| 7 | STD200 460-1052136/10 | 400.0 | 122.032564 | 250.0 | 231176.0 | 0.305081 | Y |
| 8 | STD500 460-1052136/11 | 1000.0 | 298.338803 | 250.0 | 241633.0 | 0.298339 | Y |



## Calibration / Methyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

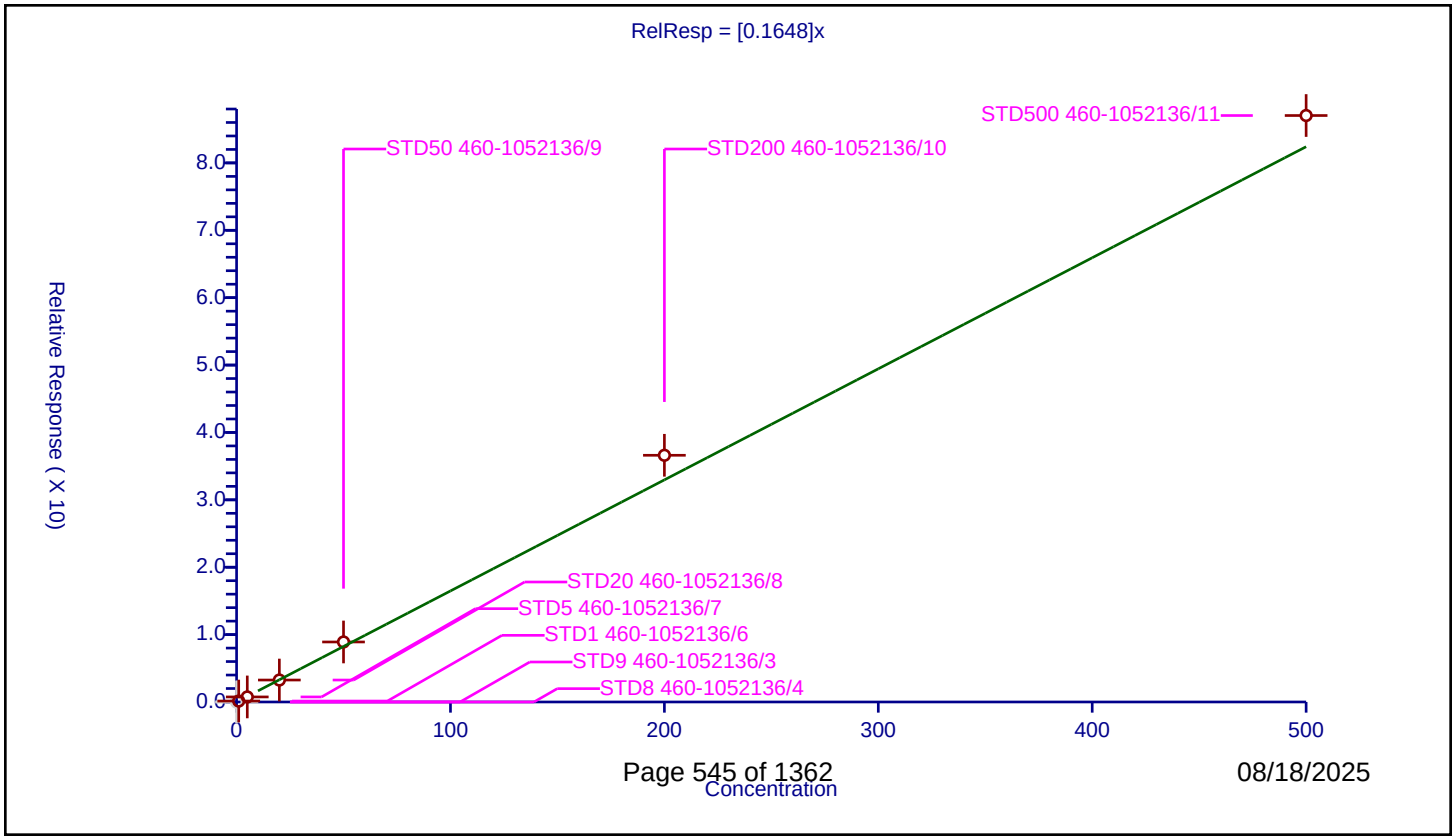
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1648 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.140818 | 50.0 | 524791.0 | 0.140818 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.749797 | 50.0 | 535745.0 | 0.149959 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.257248 | 50.0 | 493438.0 | 0.162862 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 8.904775 | 50.0 | 529334.0 | 0.178095 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 36.610791 | 50.0 | 562494.0 | 0.183054 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 87.033538 | 50.0 | 602327.0 | 0.174067 | Y |



## Calibration / Propionitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

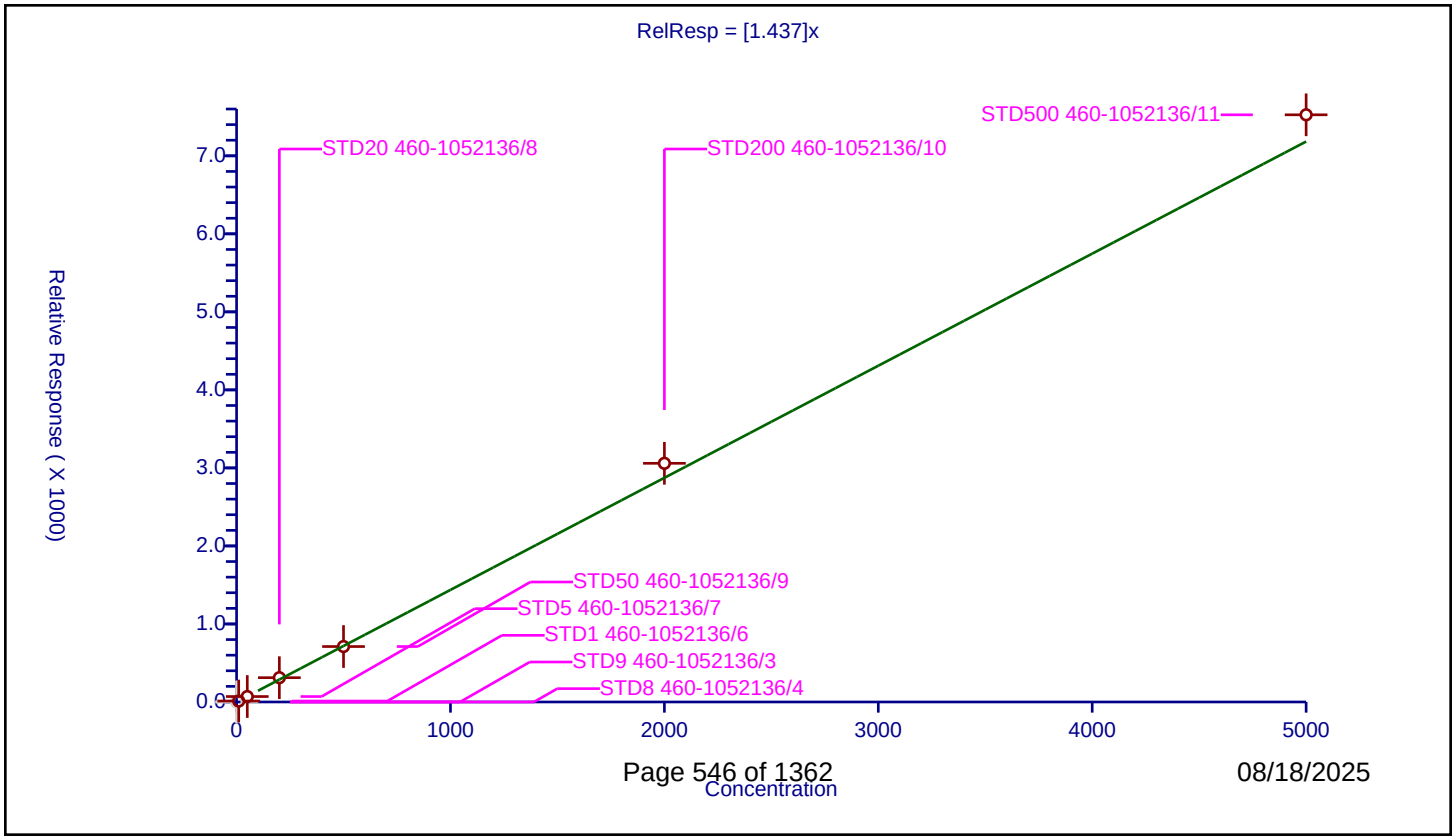
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.437 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 2.0 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 10.0 | 12.081162 | 1000.0 | 210493.0 | 1.208116 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 69.895196 | 1000.0 | 217168.0 | 1.397904 | Y |
| 5 | STD20 460-1052136/8 | 200.0 | 311.460214 | 1000.0 | 185555.0 | 1.557301 | Y |
| 6 | STD50 460-1052136/9 | 500.0 | 710.732874 | 1000.0 | 225373.0 | 1.421466 | Y |
| 7 | STD200 460-1052136/10 | 2000.0 | 3058.96148 | 1000.0 | 222586.0 | 1.529481 | Y |
| 8 | STD500 460-1052136/11 | 5000.0 | 7525.909831 | 1000.0 | 225976.0 | 1.505182 | Y |






08/18/2025

## Calibration / Chlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

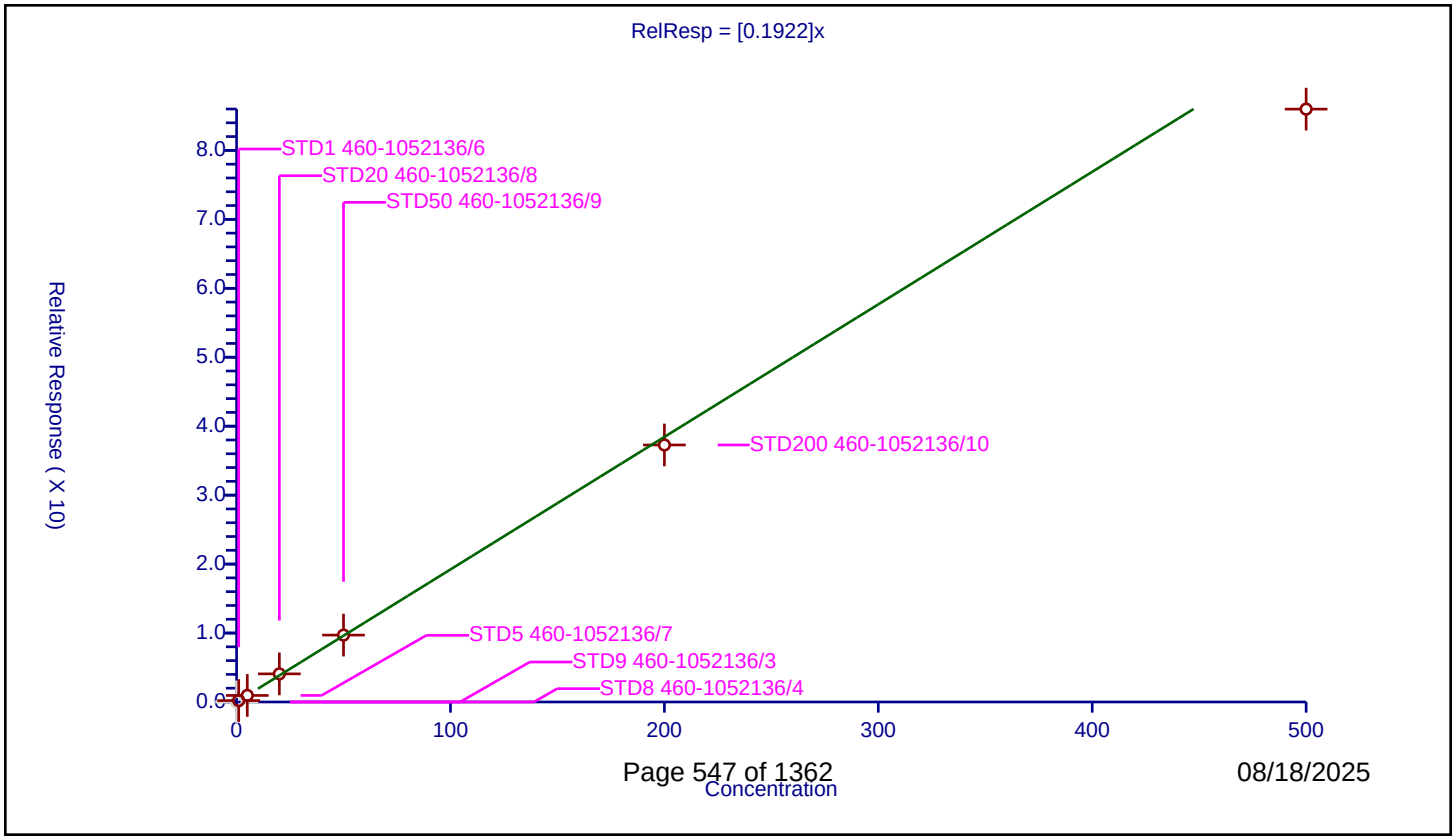
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1922 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.20713 | 50.0 | 524791.0 | 0.20713 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.949332 | 50.0 | 535745.0 | 0.189866 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.079743 | 50.0 | 493438.0 | 0.203987 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 9.700869 | 50.0 | 529334.0 | 0.194017 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 37.277109 | 50.0 | 562494.0 | 0.186386 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 85.985852 | 50.0 | 602327.0 | 0.171972 | Y |



## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

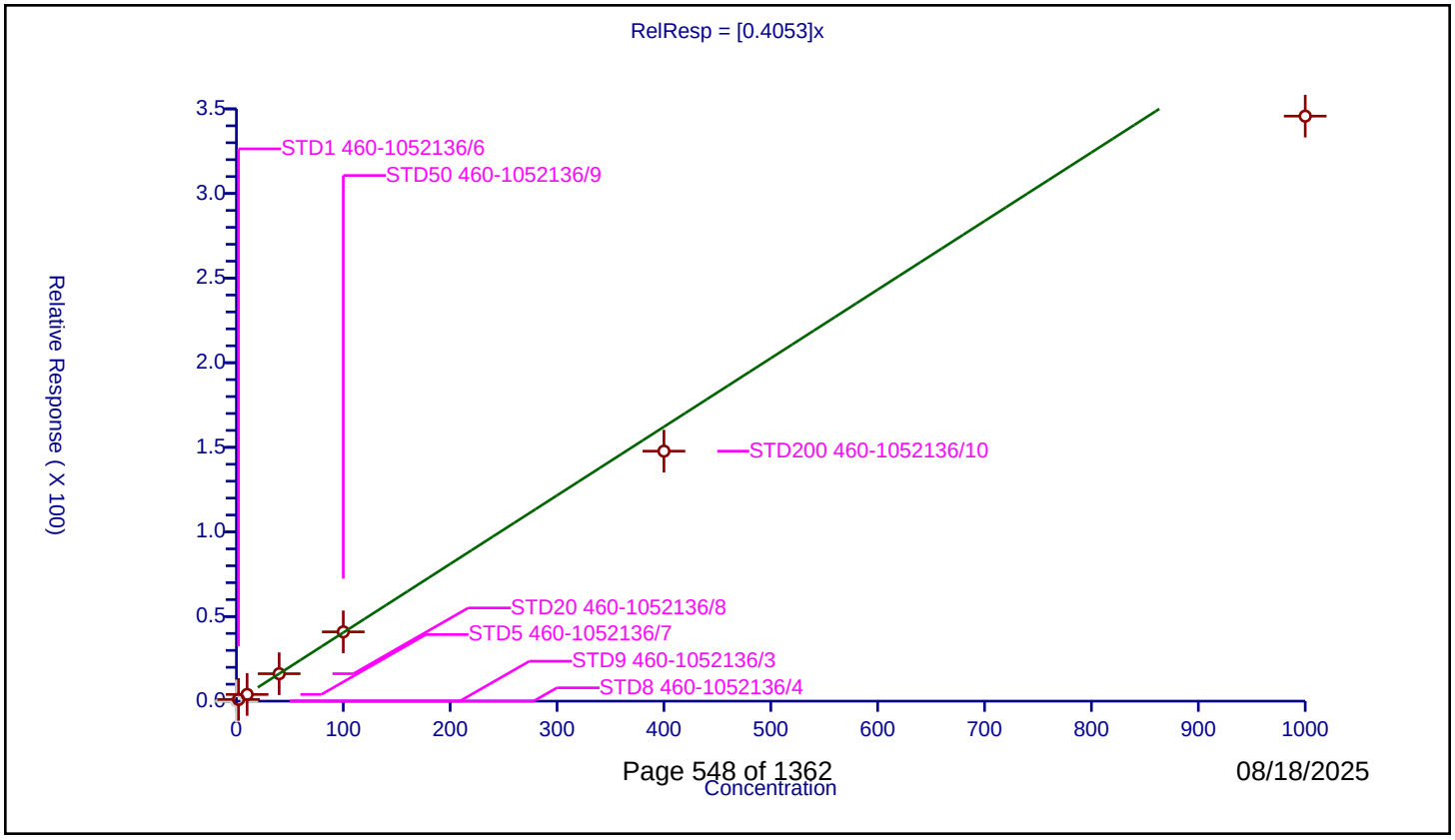
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4053 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 250.0 | 209371.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.4 | 0.0 | 250.0 | 191662.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 2.0 | 1.013708 | 250.0 | 206667.0 | 0.506854 | Y |
| 4 | STD5 460-1052136/7 | 10.0 | 3.954418 | 250.0 | 207932.0 | 0.395442 | Y |
| 5 | STD20 460-1052136/8 | 40.0 | 16.198459 | 250.0 | 183181.0 | 0.404961 | Y |
| 6 | STD50 460-1052136/9 | 100.0 | 40.954499 | 250.0 | 210215.0 | 0.409545 | Y |
| 7 | STD200 460-1052136/10 | 400.0 | 147.739168 | 250.0 | 231176.0 | 0.369348 | Y |
| 8 | STD500 460-1052136/11 | 1000.0 | 345.715403 | 250.0 | 241633.0 | 0.345715 | Y |



## Calibration / Methacrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

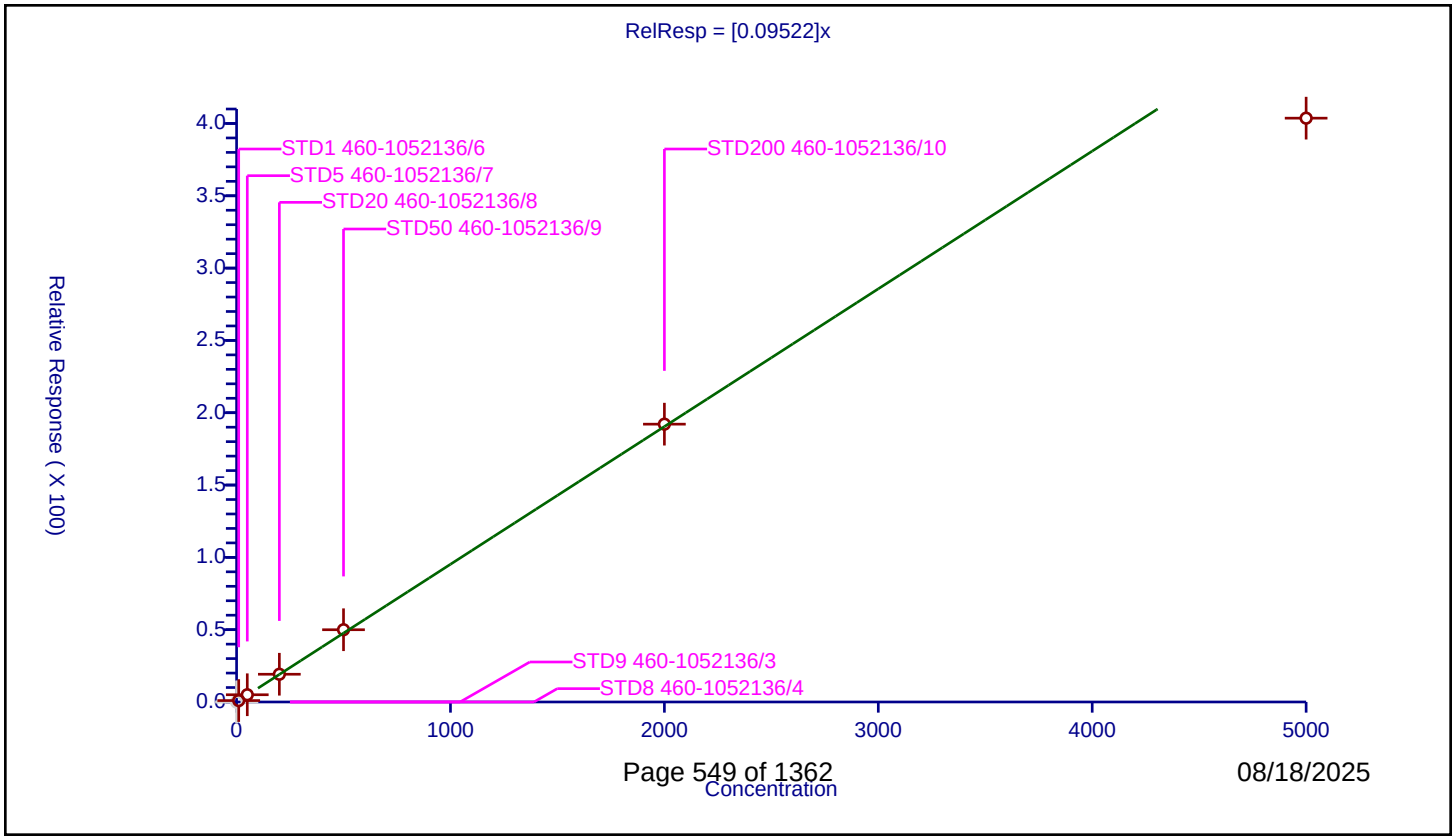
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09522 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 2.0 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 10.0 | 0.984773 | 50.0 | 524791.0 | 0.098477 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 5.011713 | 50.0 | 535745.0 | 0.100234 | Y |
| 5 | STD20 460-1052136/8 | 200.0 | 19.179816 | 50.0 | 493438.0 | 0.095899 | Y |
| 6 | STD50 460-1052136/9 | 500.0 | 49.965239 | 50.0 | 529334.0 | 0.09993 | Y |
| 7 | STD200 460-1052136/10 | 2000.0 | 192.099027 | 50.0 | 562494.0 | 0.09605 | Y |
| 8 | STD500 460-1052136/11 | 5000.0 | 403.679812 | 50.0 | 602327.0 | 0.080736 | Y |



## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

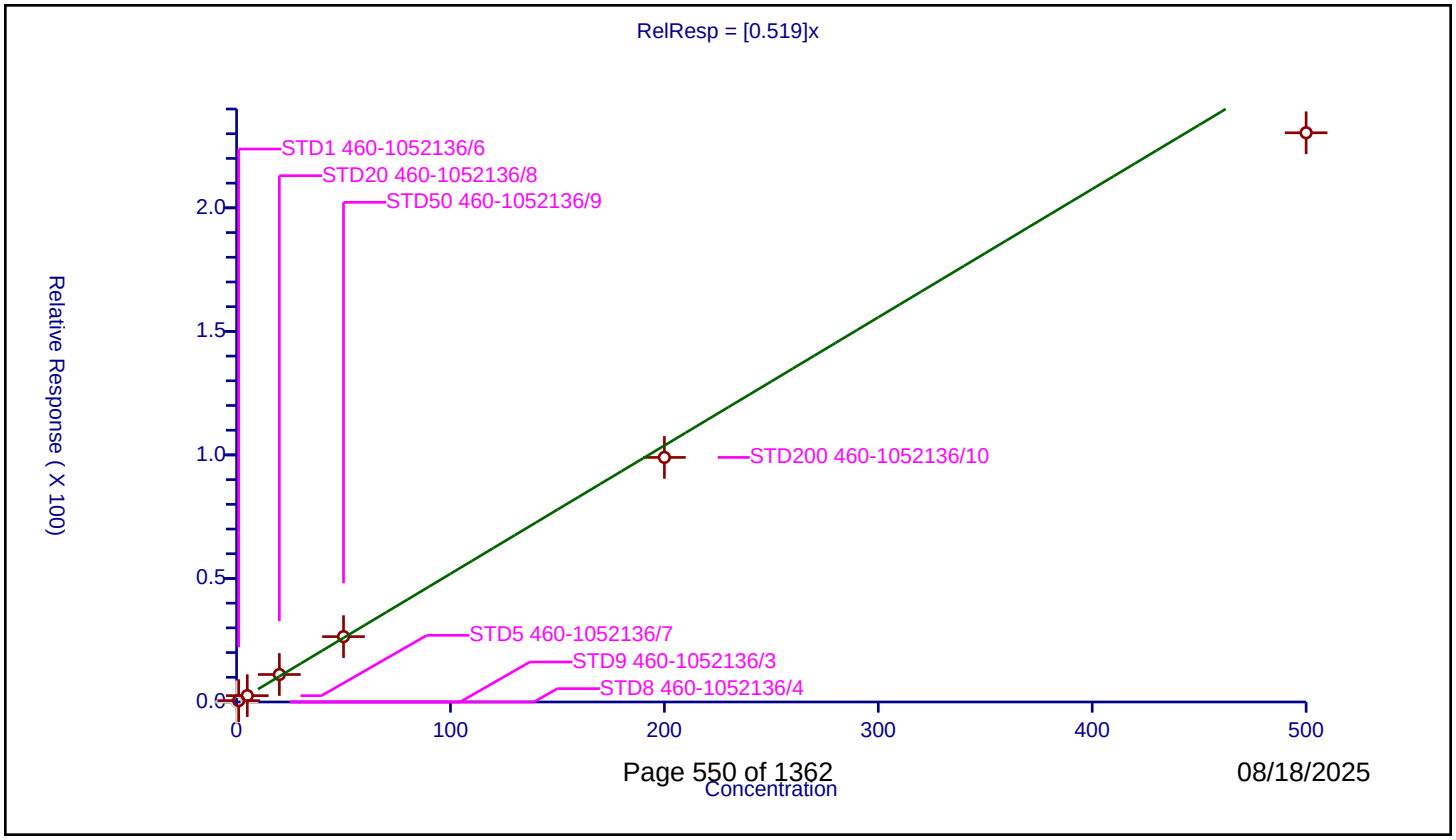
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.519 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.560604 | 50.0 | 524791.0 | 0.560604 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.561573 | 50.0 | 535745.0 | 0.512315 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 11.123485 | 50.0 | 493438.0 | 0.556174 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 26.463632 | 50.0 | 529334.0 | 0.529273 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 98.985323 | 50.0 | 562494.0 | 0.494927 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 230.381255 | 50.0 | 602327.0 | 0.460763 | Y |



## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

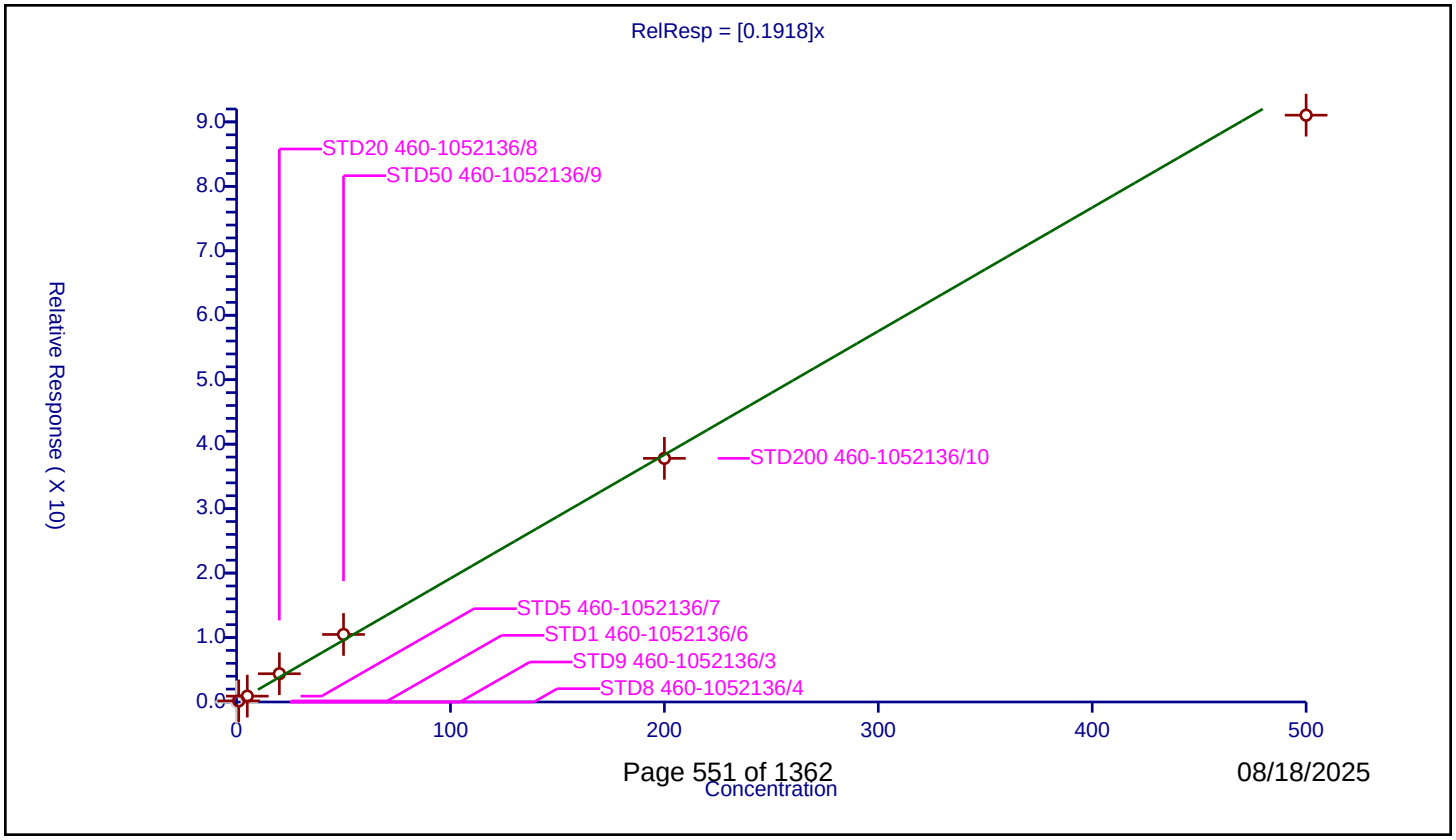
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1918 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.16921 | 50.0 | 524791.0 | 0.16921 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.908175 | 50.0 | 535745.0 | 0.181635 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.383327 | 50.0 | 493438.0 | 0.219166 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 10.477695 | 50.0 | 529334.0 | 0.209554 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 37.799248 | 50.0 | 562494.0 | 0.188996 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 91.044067 | 50.0 | 602327.0 | 0.182088 | 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 |

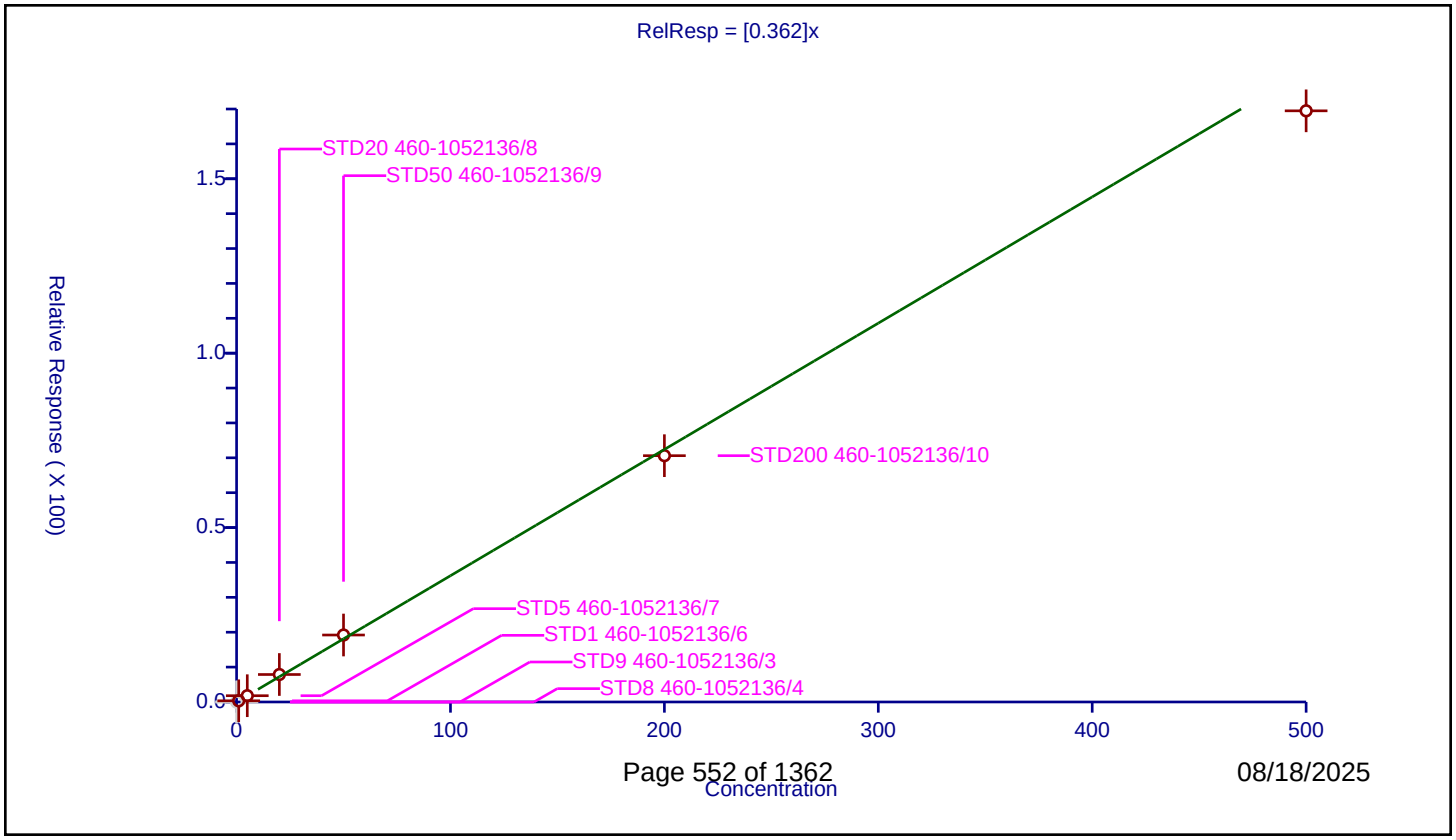
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.362 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.34185 | 50.0 | 524791.0 | 0.34185 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.80067 | 50.0 | 535745.0 | 0.360134 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.880828 | 50.0 | 493438.0 | 0.394041 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 19.199787 | 50.0 | 529334.0 | 0.383996 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 70.616664 | 50.0 | 562494.0 | 0.353083 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 169.481943 | 50.0 | 602327.0 | 0.338964 | Y |



## Calibration / Dibromofluoromethane (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

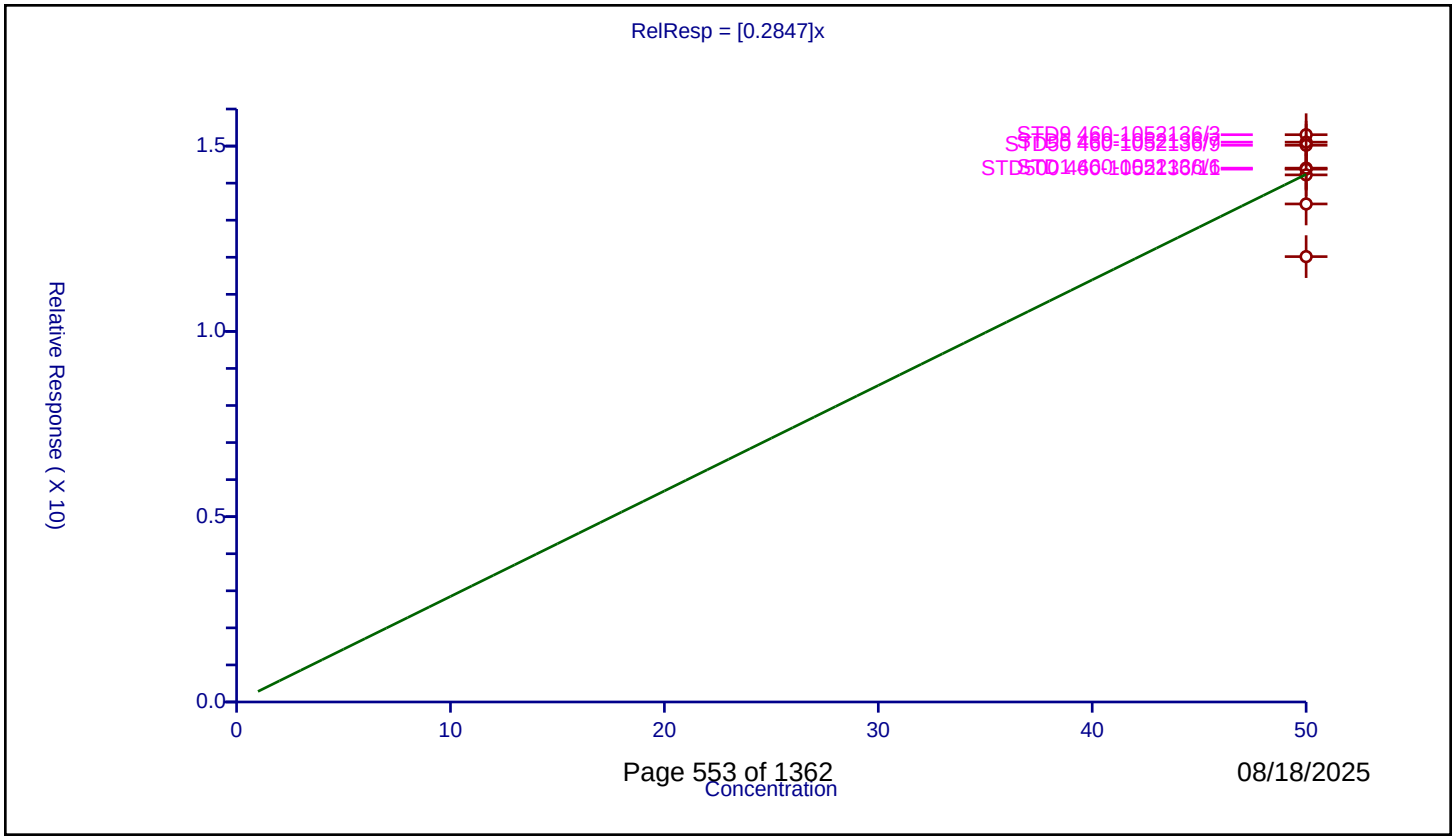
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2847 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 50.0 | 15.307347 | 50.0 | 519770.0 | 0.306147 | Y |
| 2 | STD8 460-1052136/4 | 50.0 | 13.438613 | 50.0 | 532674.0 | 0.268772 | Y |
| 3 | STD1 460-1052136/6 | 50.0 | 14.404687 | 50.0 | 524791.0 | 0.288094 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 15.105787 | 50.0 | 535745.0 | 0.302116 | Y |
| 5 | STD20 460-1052136/8 | 50.0 | 12.017214 | 50.0 | 493438.0 | 0.240344 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 15.02199 | 50.0 | 529334.0 | 0.30044 | Y |
| 7 | STD200 460-1052136/10 | 50.0 | 14.223085 | 50.0 | 562494.0 | 0.284462 | Y |
| 8 | STD500 460-1052136/11 | 50.0 | 14.377738 | 50.0 | 602327.0 | 0.287555 | Y |



## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

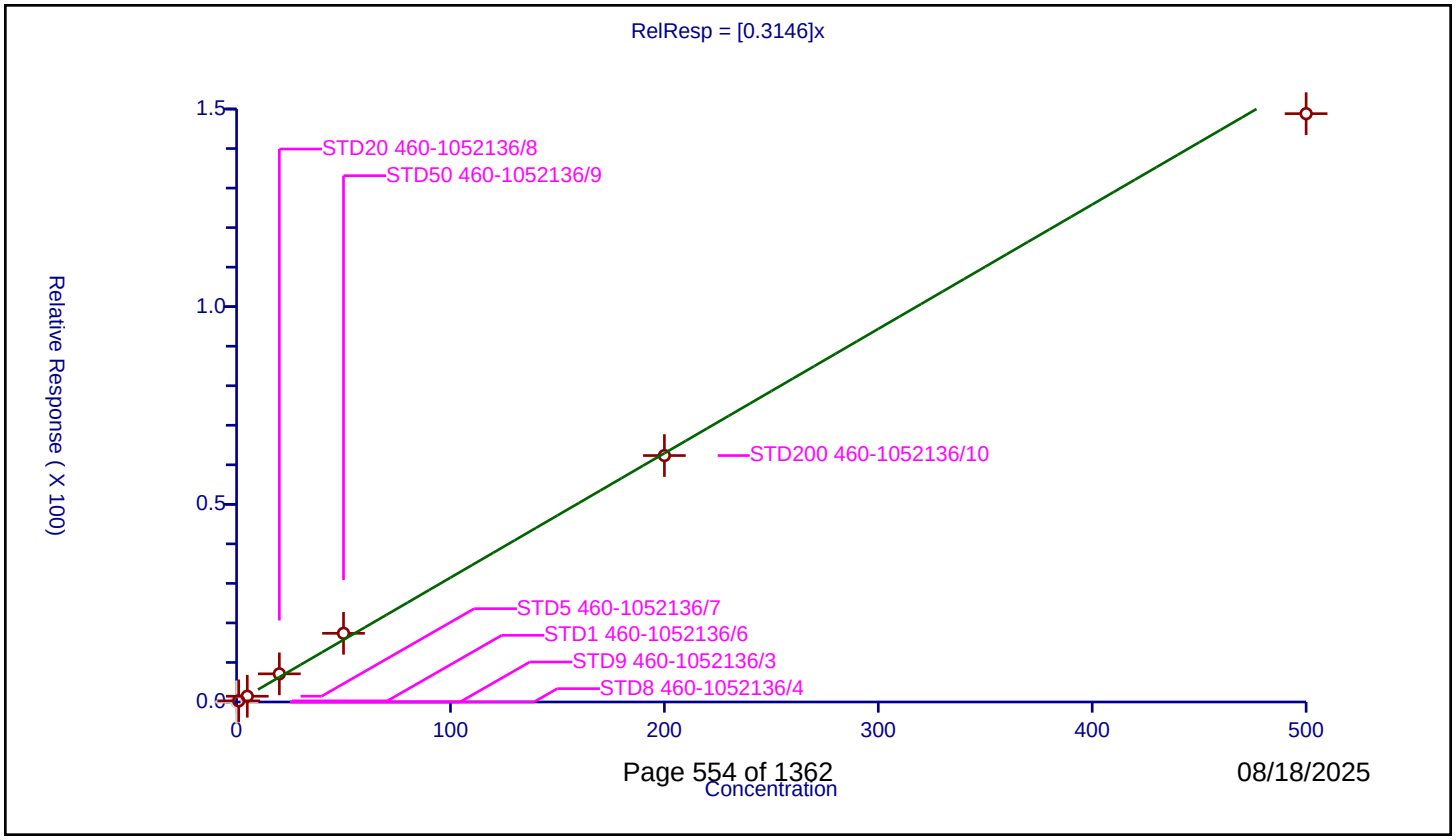
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3146 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.283446 | 50.0 | 524791.0 | 0.283446 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.456663 | 50.0 | 535745.0 | 0.291333 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.118726 | 50.0 | 493438.0 | 0.355936 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 17.375702 | 50.0 | 529334.0 | 0.347514 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 62.338976 | 50.0 | 562494.0 | 0.311695 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 148.827962 | 50.0 | 602327.0 | 0.297656 | Y |



## Calibration / 1,1-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

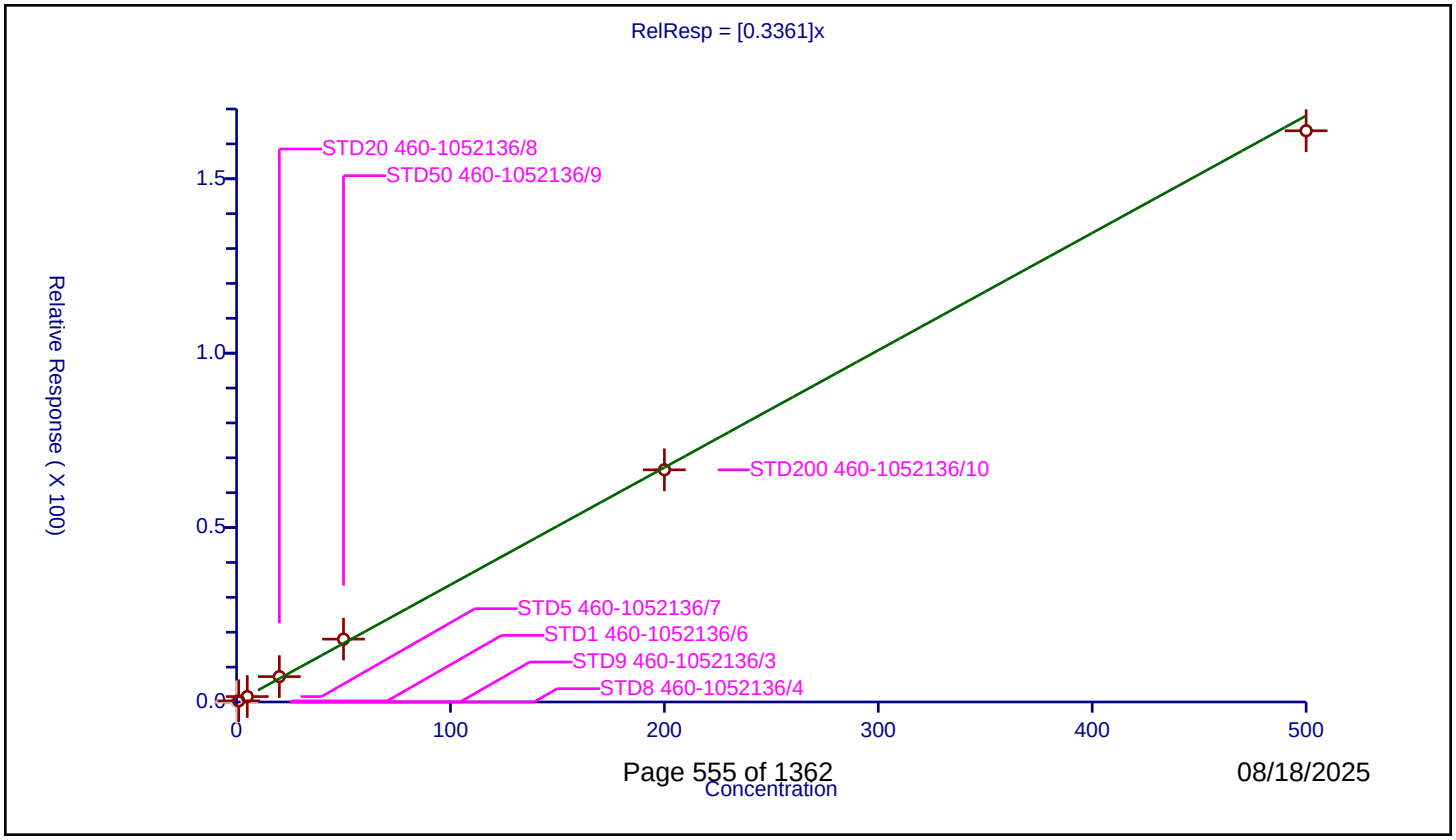
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3361 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.321652 | 50.0 | 524791.0 | 0.321652 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.552604 | 50.0 | 535745.0 | 0.310521 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.276395 | 50.0 | 493438.0 | 0.36382 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 18.023497 | 50.0 | 529334.0 | 0.36047 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 66.56551 | 50.0 | 562494.0 | 0.332828 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 163.765612 | 50.0 | 602327.0 | 0.327531 | Y |



## Calibration / Isobutyl alcohol

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | None |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

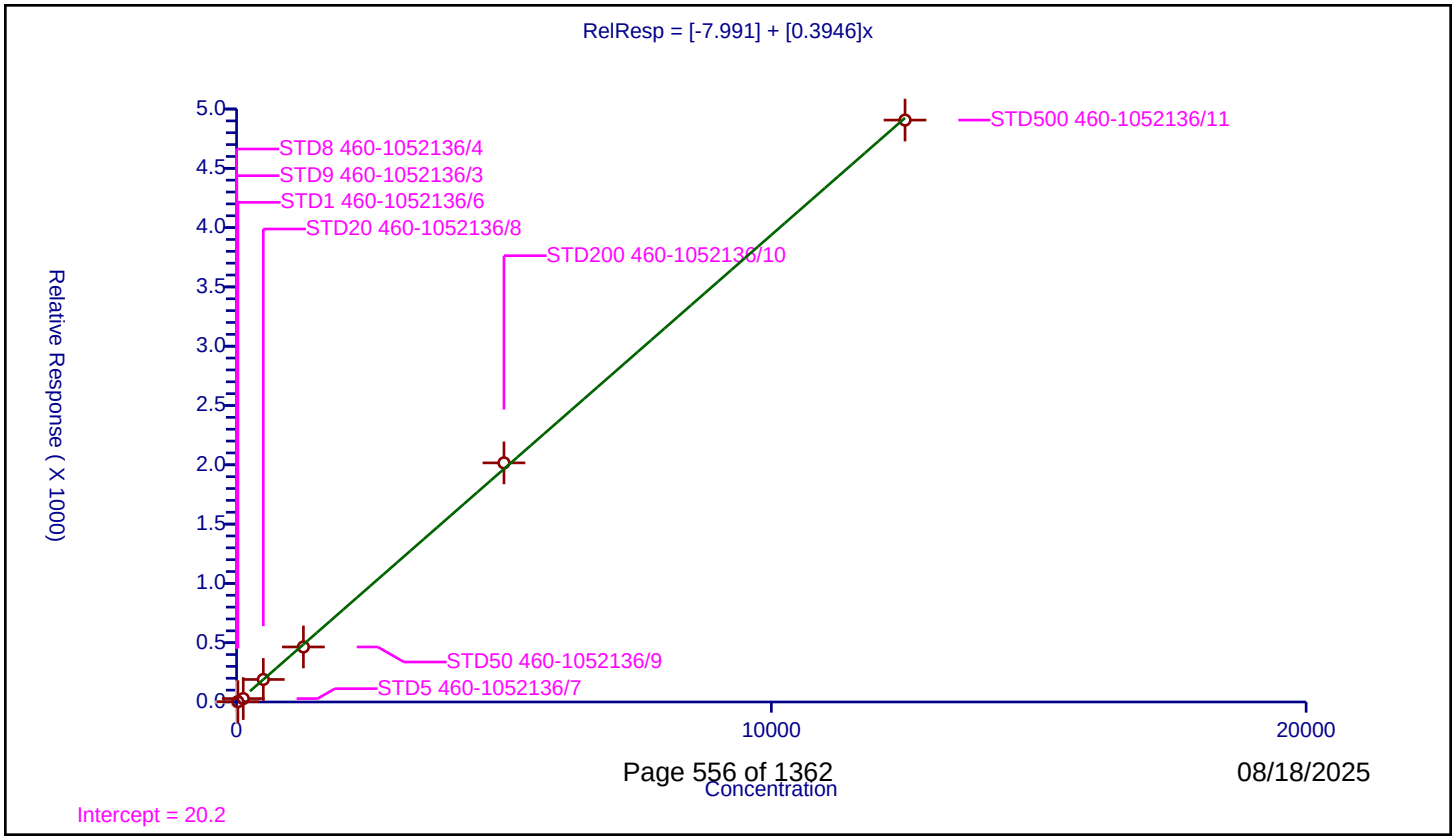
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -7.991 |
| **Slope:** | 0.3946 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 5.0 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 25.0 | 2.551154 | 1000.0 | 210493.0 | 0.102046 | Y |
| 4 | STD5 460-1052136/7 | 125.0 | 28.581559 | 1000.0 | 217168.0 | 0.228652 | Y |
| 5 | STD20 460-1052136/8 | 500.0 | 189.927515 | 1000.0 | 185555.0 | 0.379855 | Y |
| 6 | STD50 460-1052136/9 | 1250.0 | 463.897627 | 1000.0 | 225373.0 | 0.371118 | Y |
| 7 | STD200 460-1052136/10 | 5000.0 | 2016.209465 | 1000.0 | 222586.0 | 0.403242 | Y |
| 8 | STD500 460-1052136/11 | 12500.0 | 4906.693631 | 1000.0 | 225976.0 | 0.392535 | Y |



## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

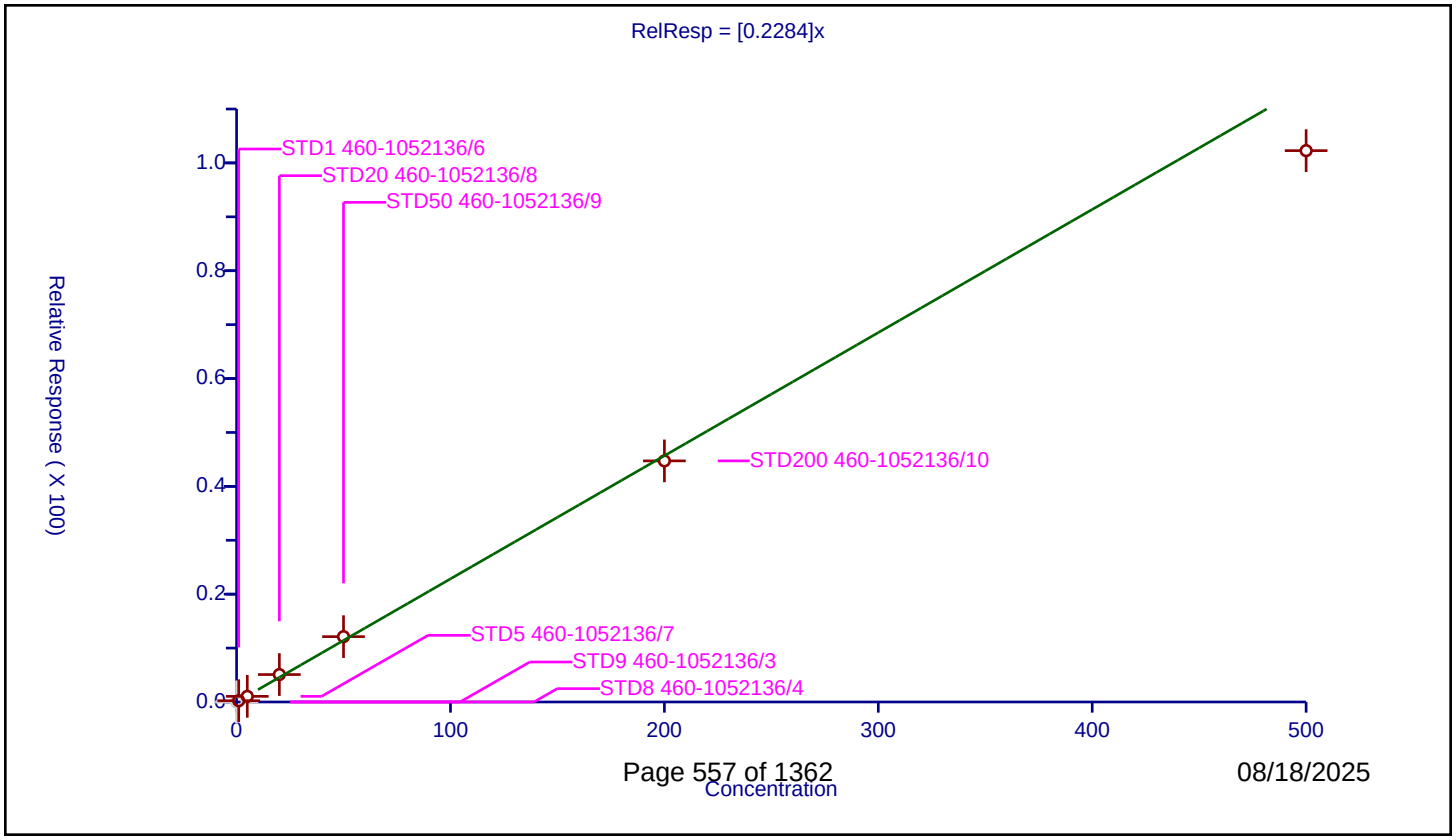
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2284 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.23638 | 50.0 | 524791.0 | 0.23638 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.04518 | 50.0 | 535745.0 | 0.209036 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 5.089495 | 50.0 | 493438.0 | 0.254475 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 12.121553 | 50.0 | 529334.0 | 0.242431 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 44.726077 | 50.0 | 562494.0 | 0.22363 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 102.279161 | 50.0 | 602327.0 | 0.204558 | Y |



## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

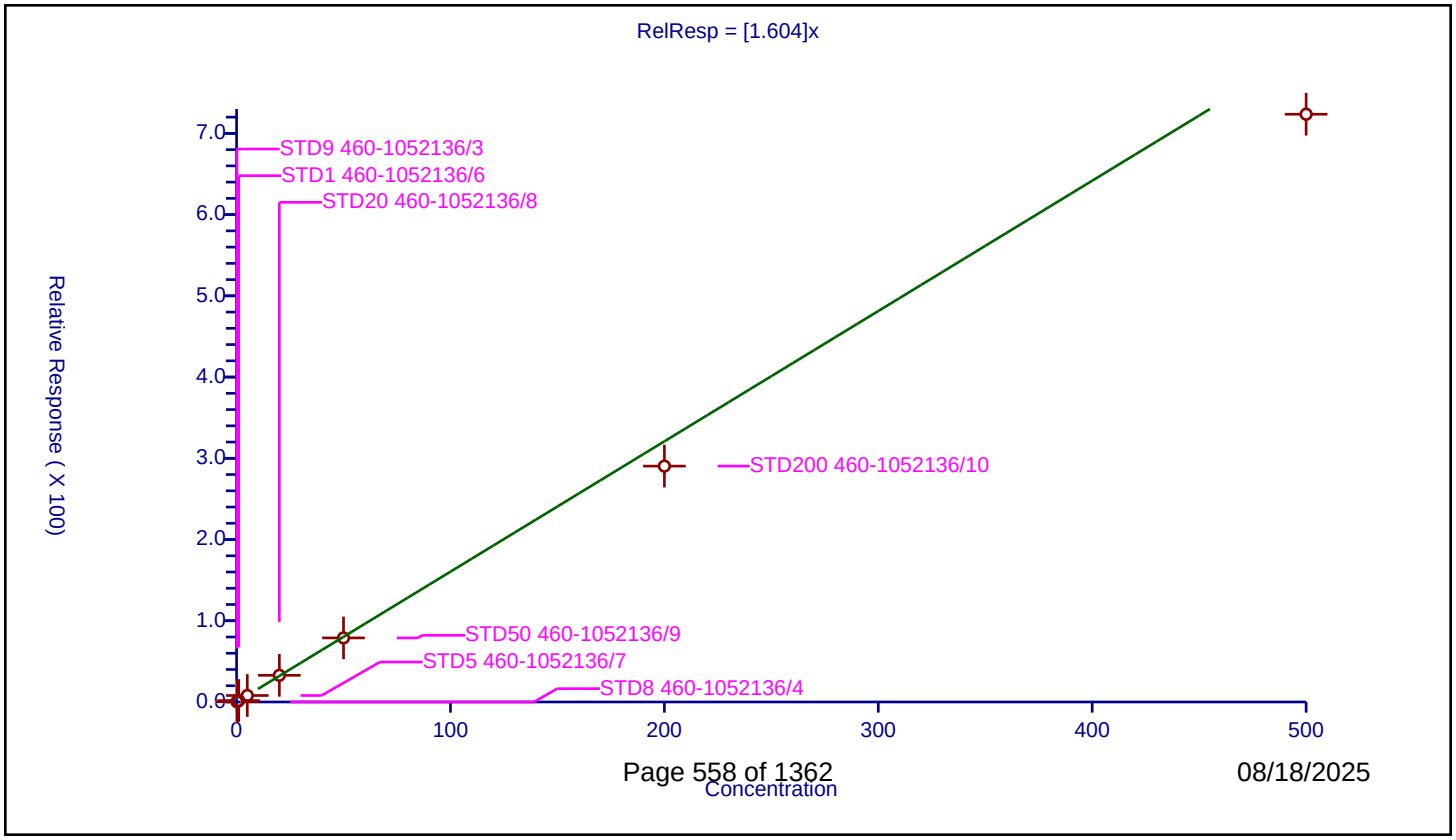
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.604 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.359542 | 50.0 | 316792.0 | 1.79771 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 1.71229 | 50.0 | 328011.0 | 1.71229 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 8.007287 | 50.0 | 333184.0 | 1.601457 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 32.839484 | 50.0 | 320273.0 | 1.641974 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 78.887785 | 50.0 | 359427.0 | 1.577756 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 290.402743 | 50.0 | 392310.0 | 1.452014 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 723.552778 | 50.0 | 386931.0 | 1.447106 | 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 |

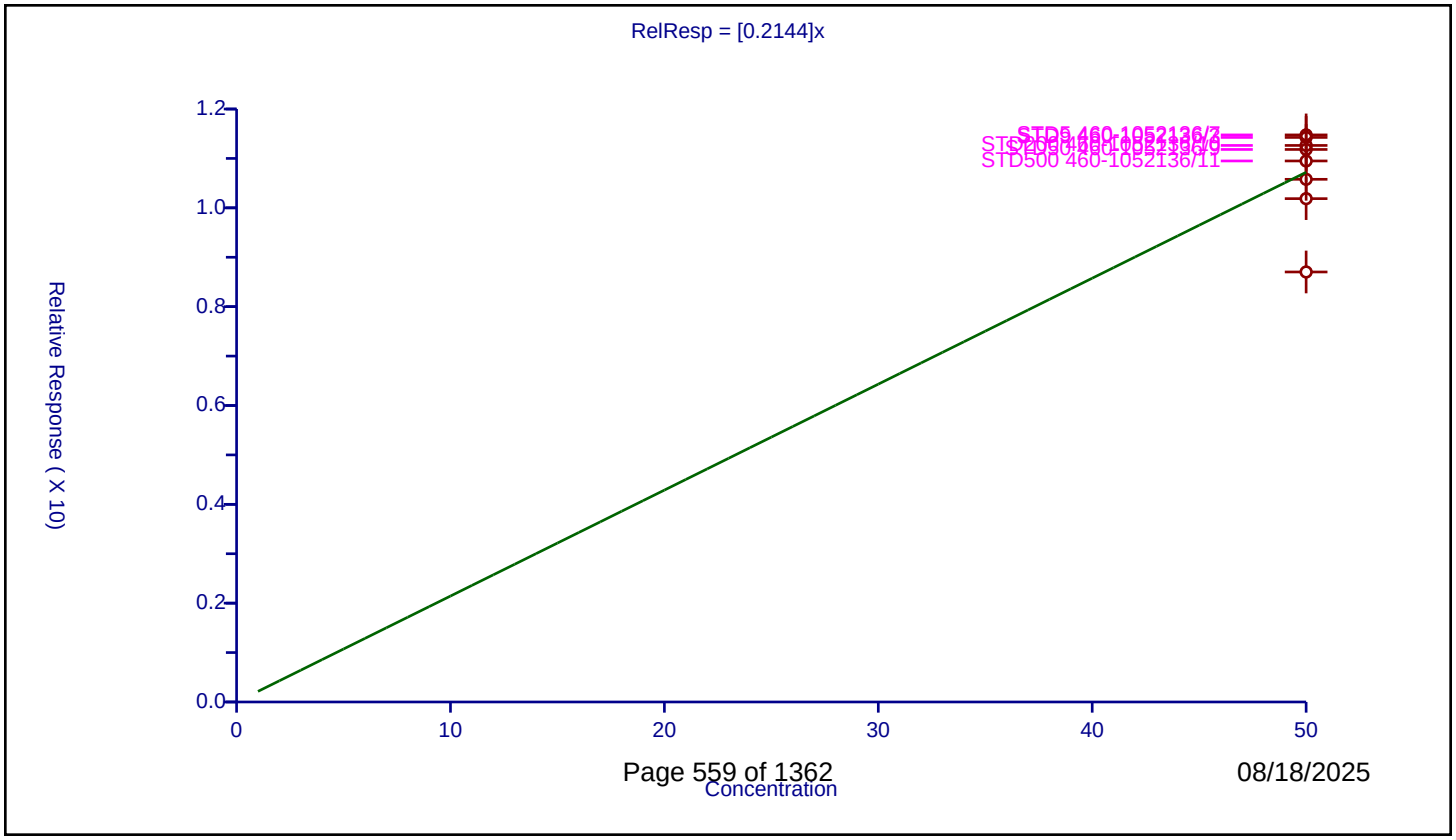
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2144 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 50.0 | 11.424765 | 50.0 | 519770.0 | 0.228495 | Y |
| 2 | STD8 460-1052136/4 | 50.0 | 10.186155 | 50.0 | 532674.0 | 0.203723 | Y |
| 3 | STD1 460-1052136/6 | 50.0 | 10.577735 | 50.0 | 524791.0 | 0.211555 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 11.475889 | 50.0 | 535745.0 | 0.229518 | Y |
| 5 | STD20 460-1052136/8 | 50.0 | 8.702309 | 50.0 | 493438.0 | 0.174046 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 11.181409 | 50.0 | 529334.0 | 0.223628 | Y |
| 7 | STD200 460-1052136/10 | 50.0 | 11.263053 | 50.0 | 562494.0 | 0.225261 | Y |
| 8 | STD500 460-1052136/11 | 50.0 | 10.948621 | 50.0 | 602327.0 | 0.218972 | Y |



## Calibration / Isopropyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

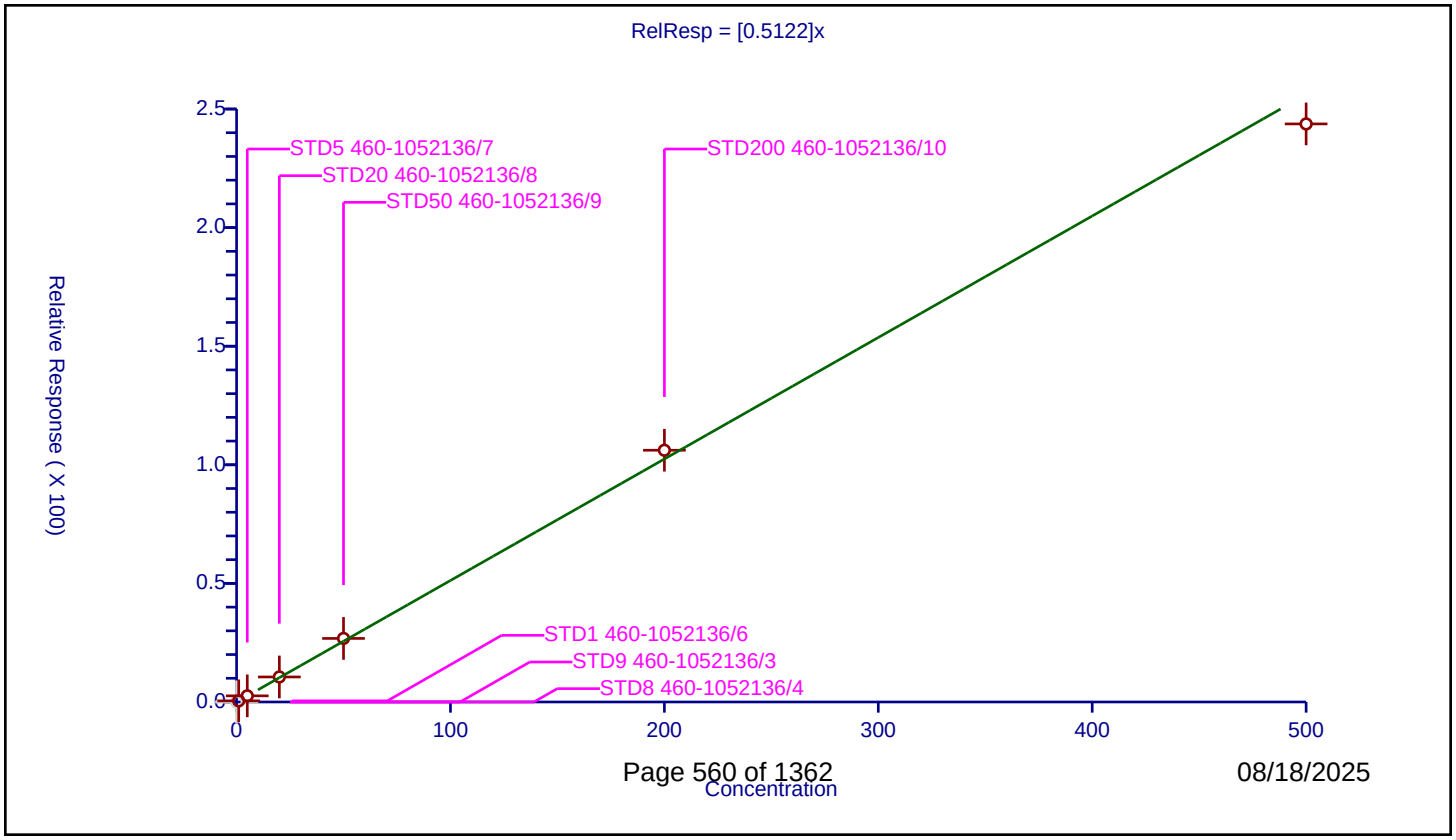
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5122 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.472855 | 50.0 | 524791.0 | 0.472855 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.592558 | 50.0 | 535745.0 | 0.518512 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 10.556443 | 50.0 | 493438.0 | 0.527822 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 26.801509 | 50.0 | 529334.0 | 0.53603 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 106.138199 | 50.0 | 562494.0 | 0.530691 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 243.714959 | 50.0 | 602327.0 | 0.48743 | 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 |

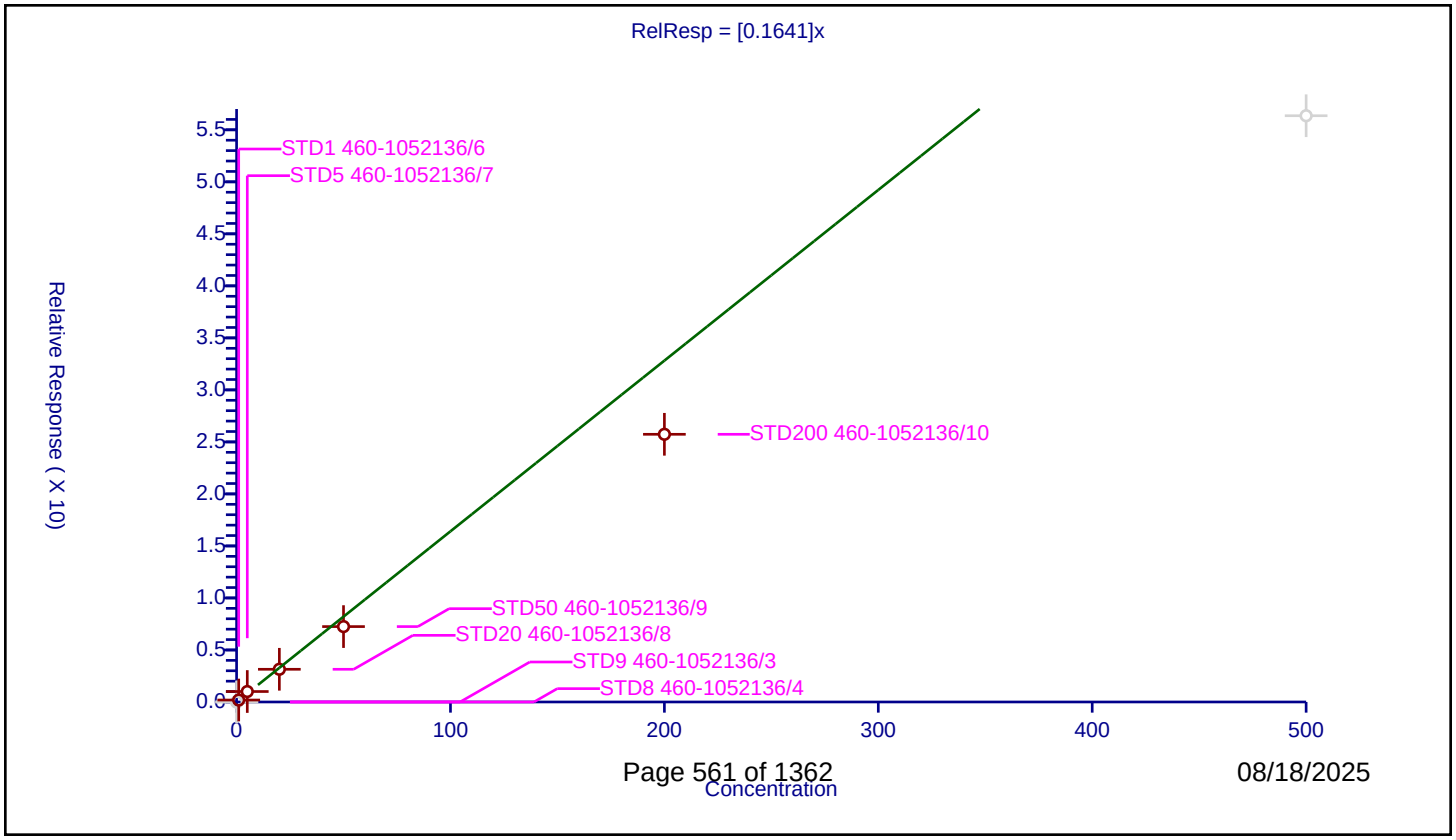
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1641 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.188265 | 50.0 | 524791.0 | 0.188265 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.006076 | 50.0 | 535745.0 | 0.201215 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.144671 | 50.0 | 493438.0 | 0.157234 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 7.24892 | 50.0 | 529334.0 | 0.144978 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 25.731919 | 50.0 | 562494.0 | 0.12866 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 56.353609 | 50.0 | 602327.0 | 0.112707 | N |



## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

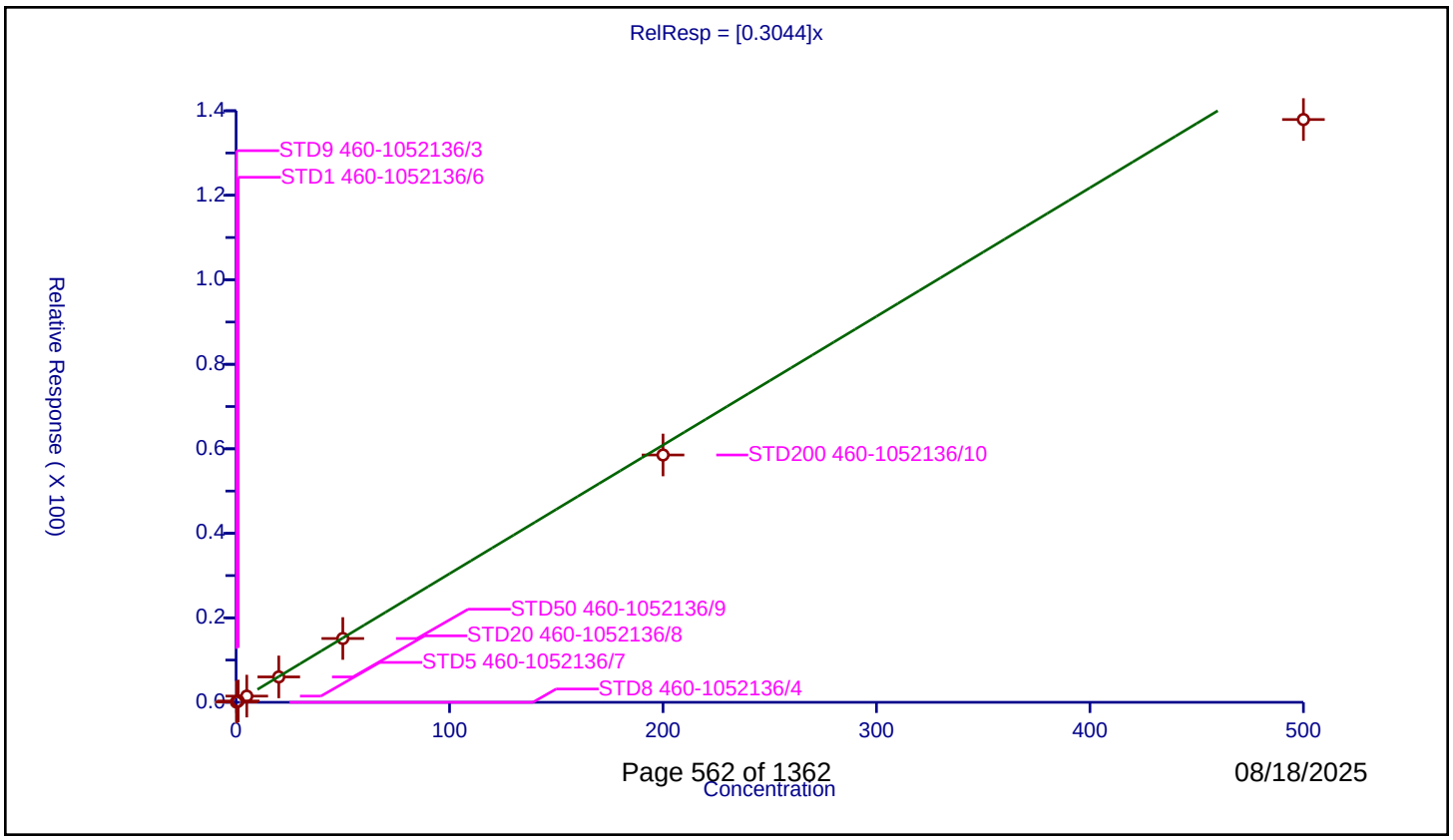
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3044 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.072147 | 50.0 | 519770.0 | 0.360736 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.30536 | 50.0 | 524791.0 | 0.30536 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.469076 | 50.0 | 535745.0 | 0.293815 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 6.012305 | 50.0 | 493438.0 | 0.300615 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 15.098973 | 50.0 | 529334.0 | 0.301979 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 58.534047 | 50.0 | 562494.0 | 0.29267 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 137.924333 | 50.0 | 602327.0 | 0.275849 | Y |



## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

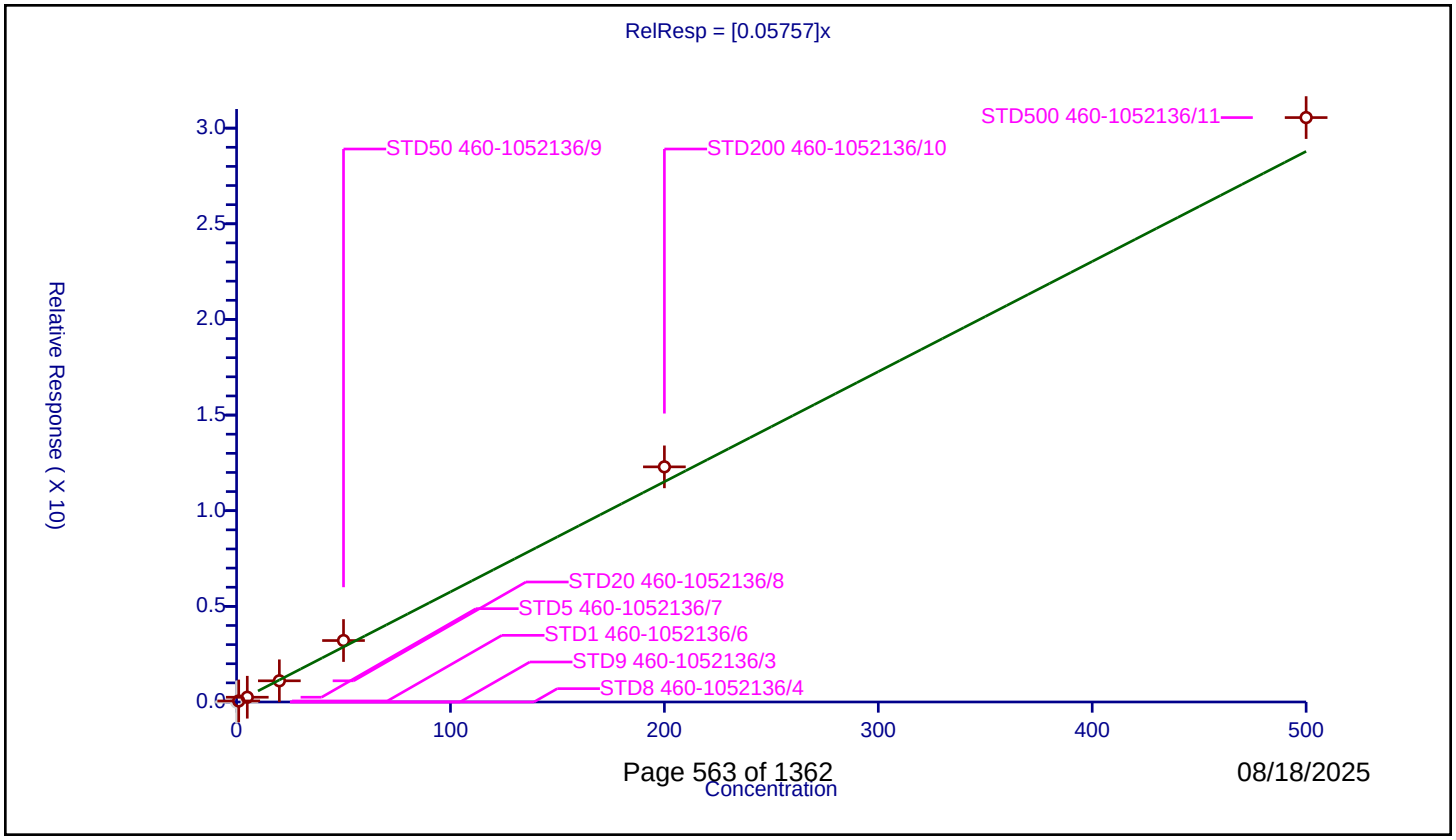
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05757 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.053355 | 50.0 | 524791.0 | 0.053355 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.249466 | 50.0 | 535745.0 | 0.049893 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 1.10713 | 50.0 | 493438.0 | 0.055356 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 3.212433 | 50.0 | 529334.0 | 0.064249 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 12.292398 | 50.0 | 562494.0 | 0.061462 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 30.552673 | 50.0 | 602327.0 | 0.061105 | Y |



## Calibration / n-Butanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

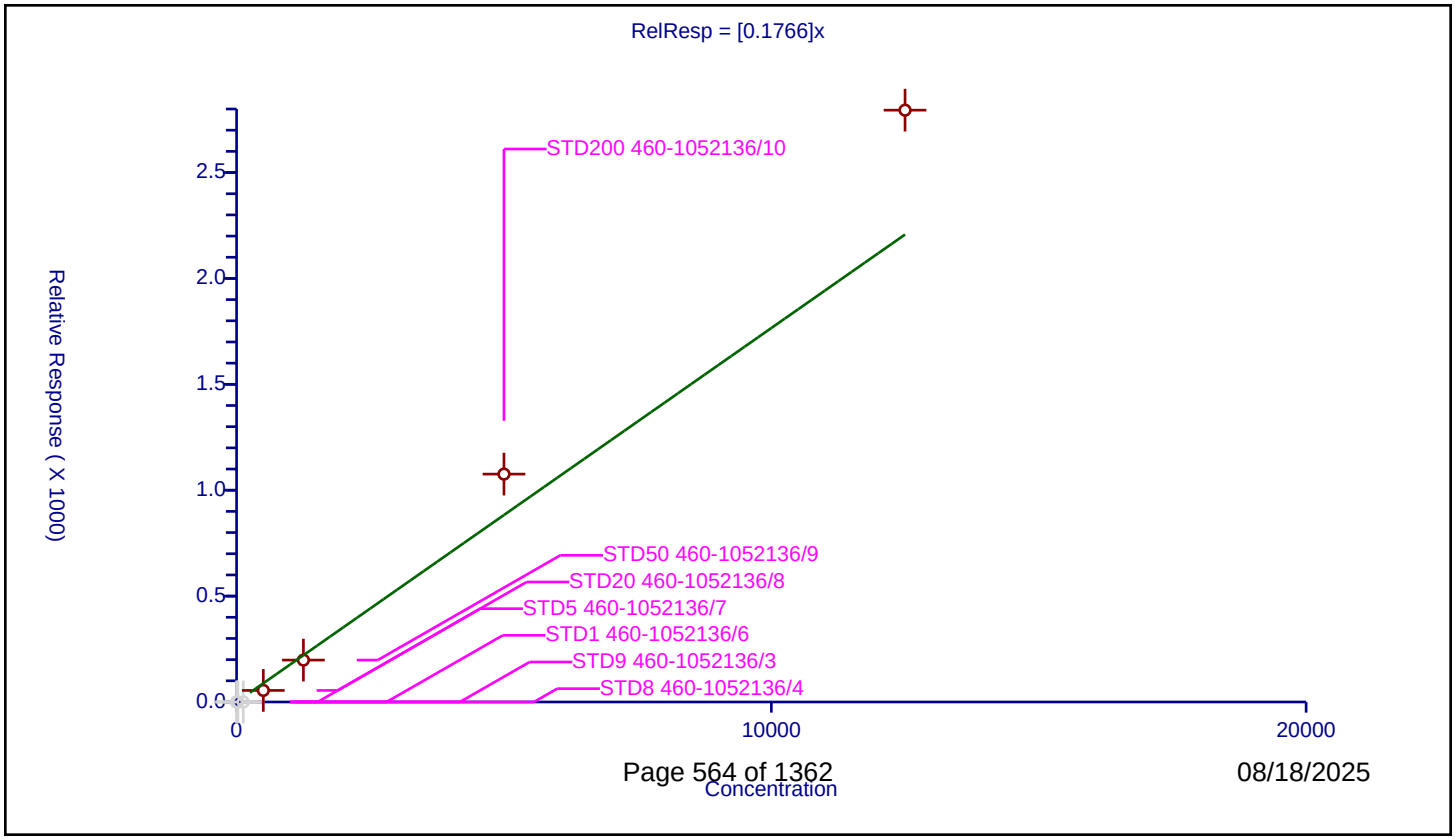
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1766 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 30.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 5.0 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 25.0 | 0.0 | 1000.0 | 210493.0 | 0.0 | N |
| 4 | STD5 460-1052136/7 | 125.0 | 0.0 | 1000.0 | 217168.0 | 0.0 | N |
| 5 | STD20 460-1052136/8 | 500.0 | 54.609146 | 1000.0 | 185555.0 | 0.109218 | Y |
| 6 | STD50 460-1052136/9 | 1250.0 | 197.92078 | 1000.0 | 225373.0 | 0.158337 | Y |
| 7 | STD200 460-1052136/10 | 5000.0 | 1076.069474 | 1000.0 | 222586.0 | 0.215214 | Y |
| 8 | STD500 460-1052136/11 | 12500.0 | 2794.571105 | 1000.0 | 225976.0 | 0.223566 | Y |



## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

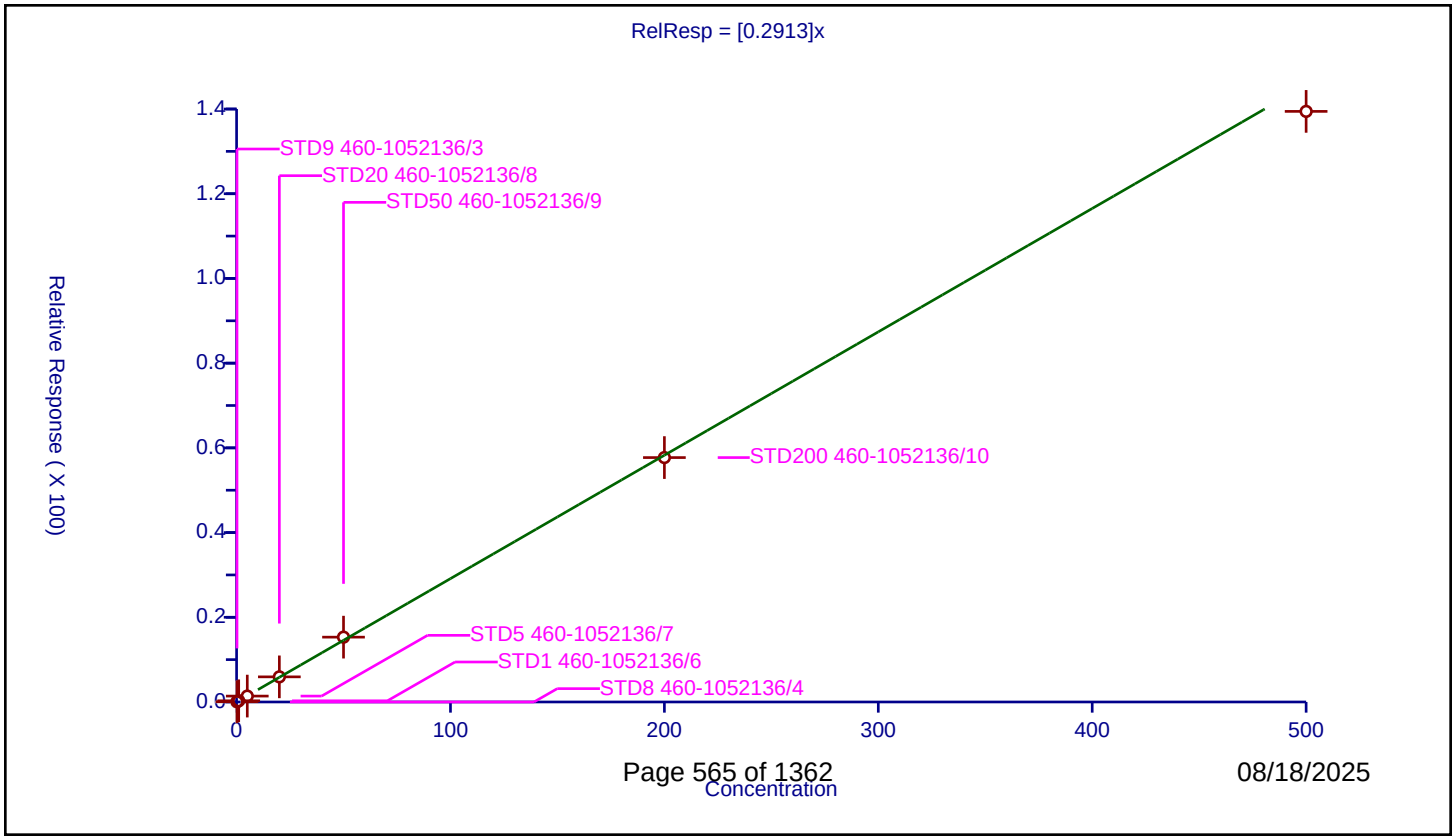
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2913 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.061854 | 50.0 | 519770.0 | 0.309271 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.28116 | 50.0 | 524791.0 | 0.28116 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.3918 | 50.0 | 535745.0 | 0.27836 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 5.932458 | 50.0 | 493438.0 | 0.296623 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 15.307821 | 50.0 | 529334.0 | 0.306156 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 57.707549 | 50.0 | 562494.0 | 0.288538 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 139.437963 | 50.0 | 602327.0 | 0.278876 | Y |



## Calibration / Ethyl acrylate

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

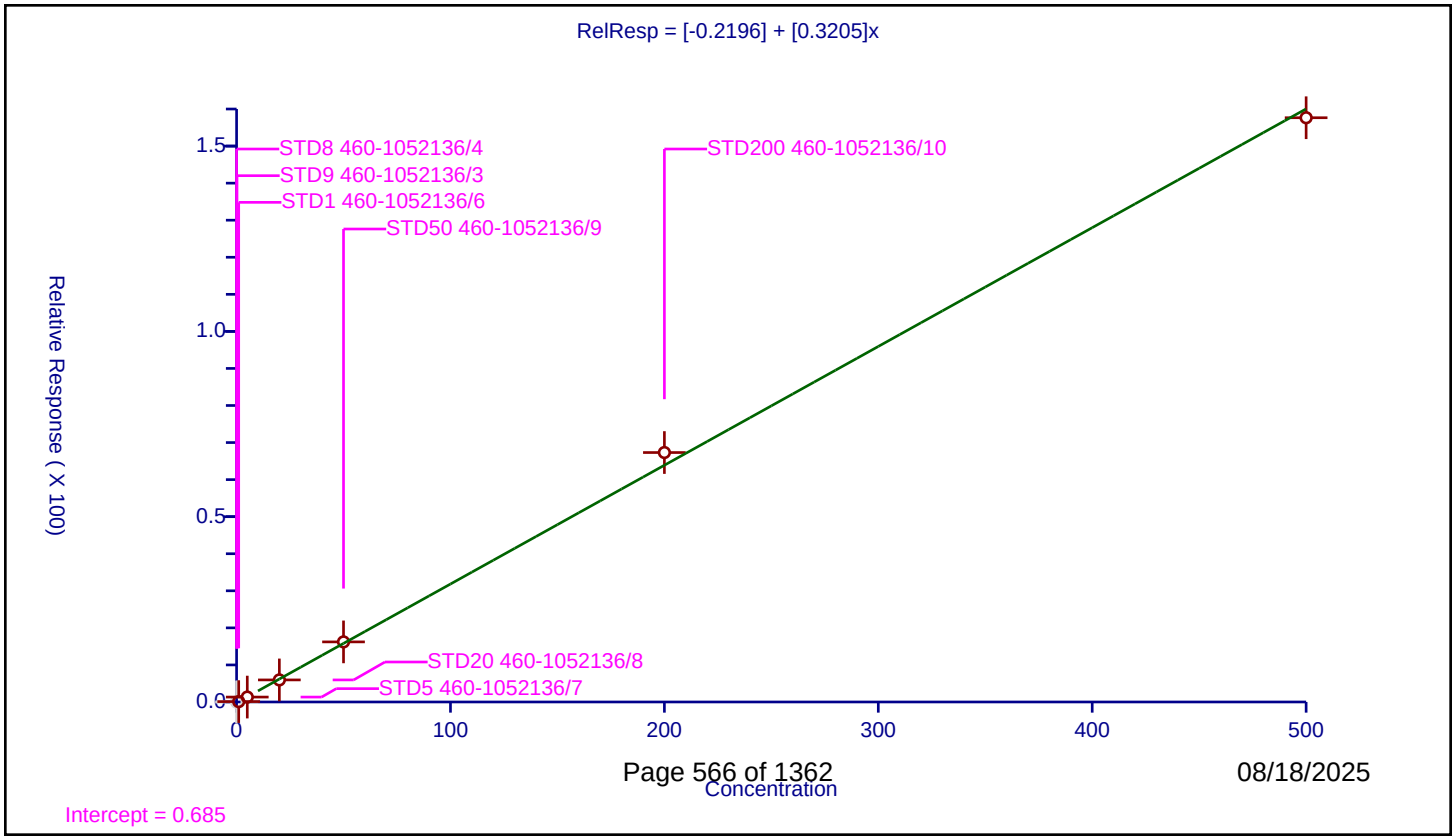
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.2196 |
| **Slope:** | 0.3205 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.103565 | 50.0 | 524791.0 | 0.103565 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.326191 | 50.0 | 535745.0 | 0.265238 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 5.95394 | 50.0 | 493438.0 | 0.297697 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 16.214432 | 50.0 | 529334.0 | 0.324289 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 67.312274 | 50.0 | 562494.0 | 0.336561 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 157.648171 | 50.0 | 602327.0 | 0.315296 | Y |



## Calibration / Methylcyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

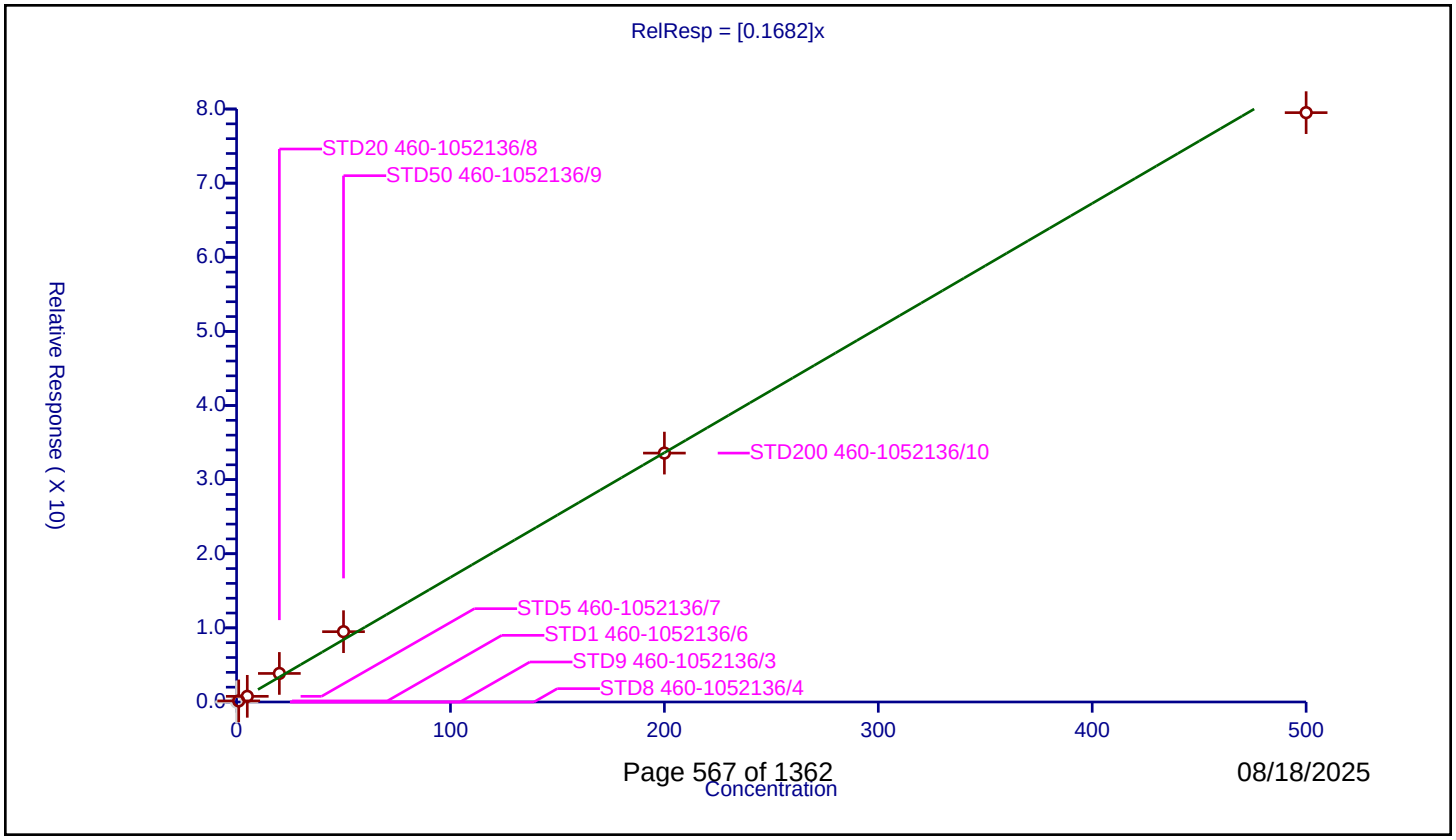
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1682 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.146725 | 50.0 | 524791.0 | 0.146725 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.765569 | 50.0 | 535745.0 | 0.153114 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.850737 | 50.0 | 493438.0 | 0.192537 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 9.484654 | 50.0 | 529334.0 | 0.189693 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 33.578314 | 50.0 | 562494.0 | 0.167892 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 79.512208 | 50.0 | 602327.0 | 0.159024 | Y |



## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

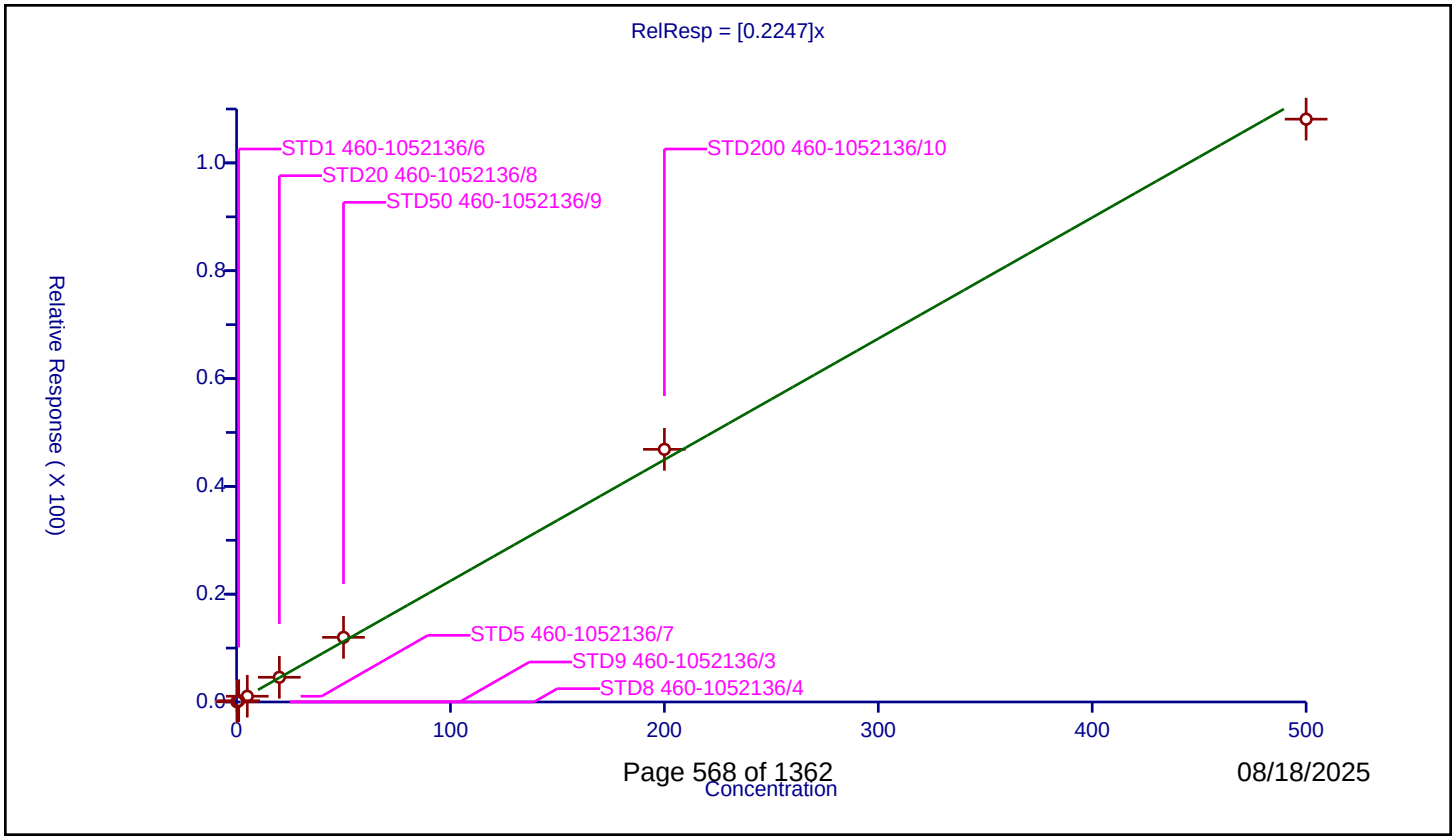
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2247 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.041076 | 50.0 | 519770.0 | 0.205379 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.234951 | 50.0 | 524791.0 | 0.234951 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.063566 | 50.0 | 535745.0 | 0.212713 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.584061 | 50.0 | 493438.0 | 0.229203 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 11.992995 | 50.0 | 529334.0 | 0.23986 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 46.869567 | 50.0 | 562494.0 | 0.234348 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 108.120423 | 50.0 | 602327.0 | 0.216241 | Y |



## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

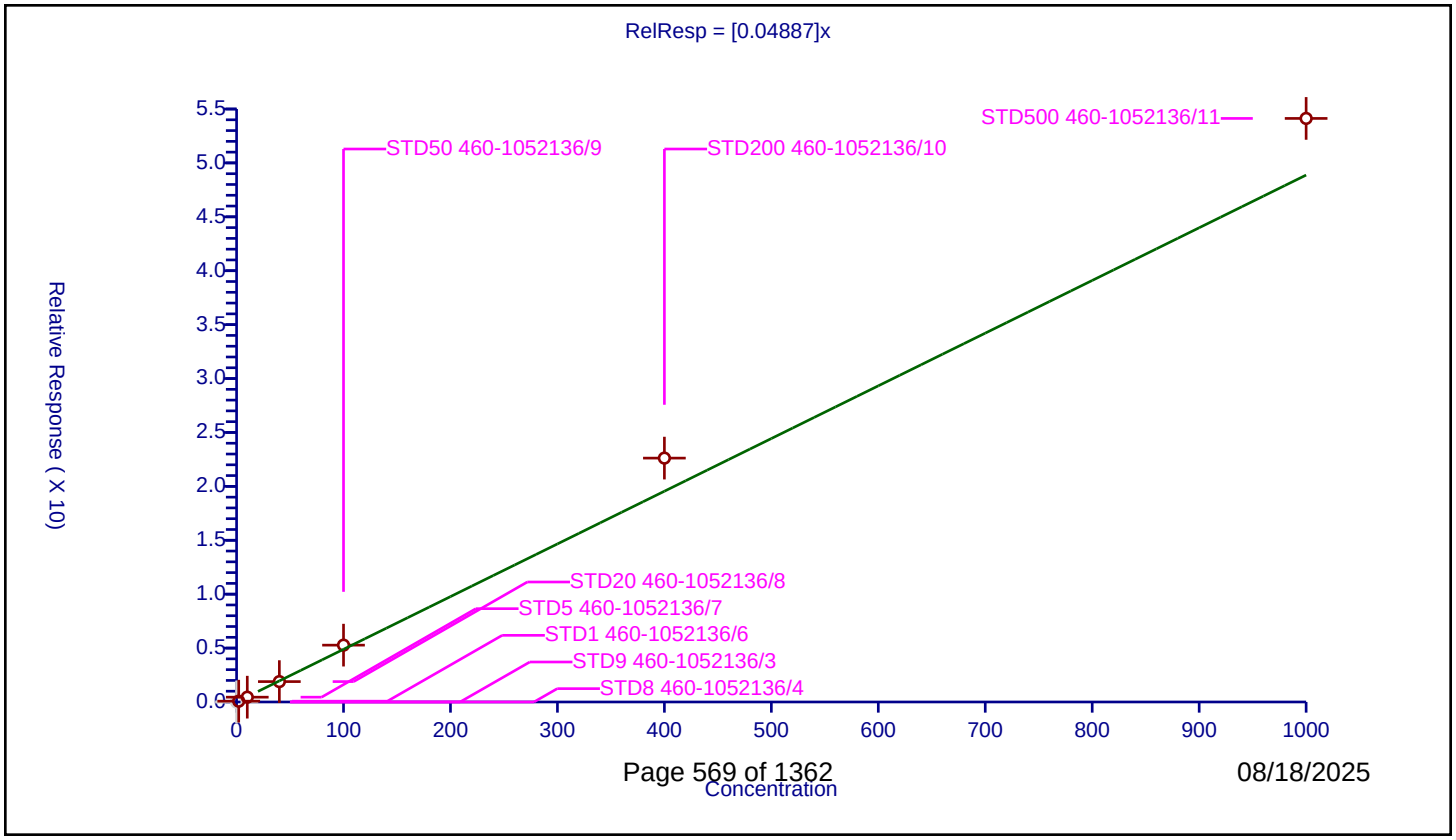
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04887 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.4 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 2.0 | 0.07584 | 50.0 | 524791.0 | 0.03792 | Y |
| 4 | STD5 460-1052136/7 | 10.0 | 0.446201 | 50.0 | 535745.0 | 0.04462 | Y |
| 5 | STD20 460-1052136/8 | 40.0 | 1.891524 | 50.0 | 493438.0 | 0.047288 | Y |
| 6 | STD50 460-1052136/9 | 100.0 | 5.273041 | 50.0 | 529334.0 | 0.05273 | Y |
| 7 | STD200 460-1052136/10 | 400.0 | 22.619975 | 50.0 | 562494.0 | 0.05655 | Y |
| 8 | STD500 460-1052136/11 | 1000.0 | 54.128073 | 50.0 | 602327.0 | 0.054128 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

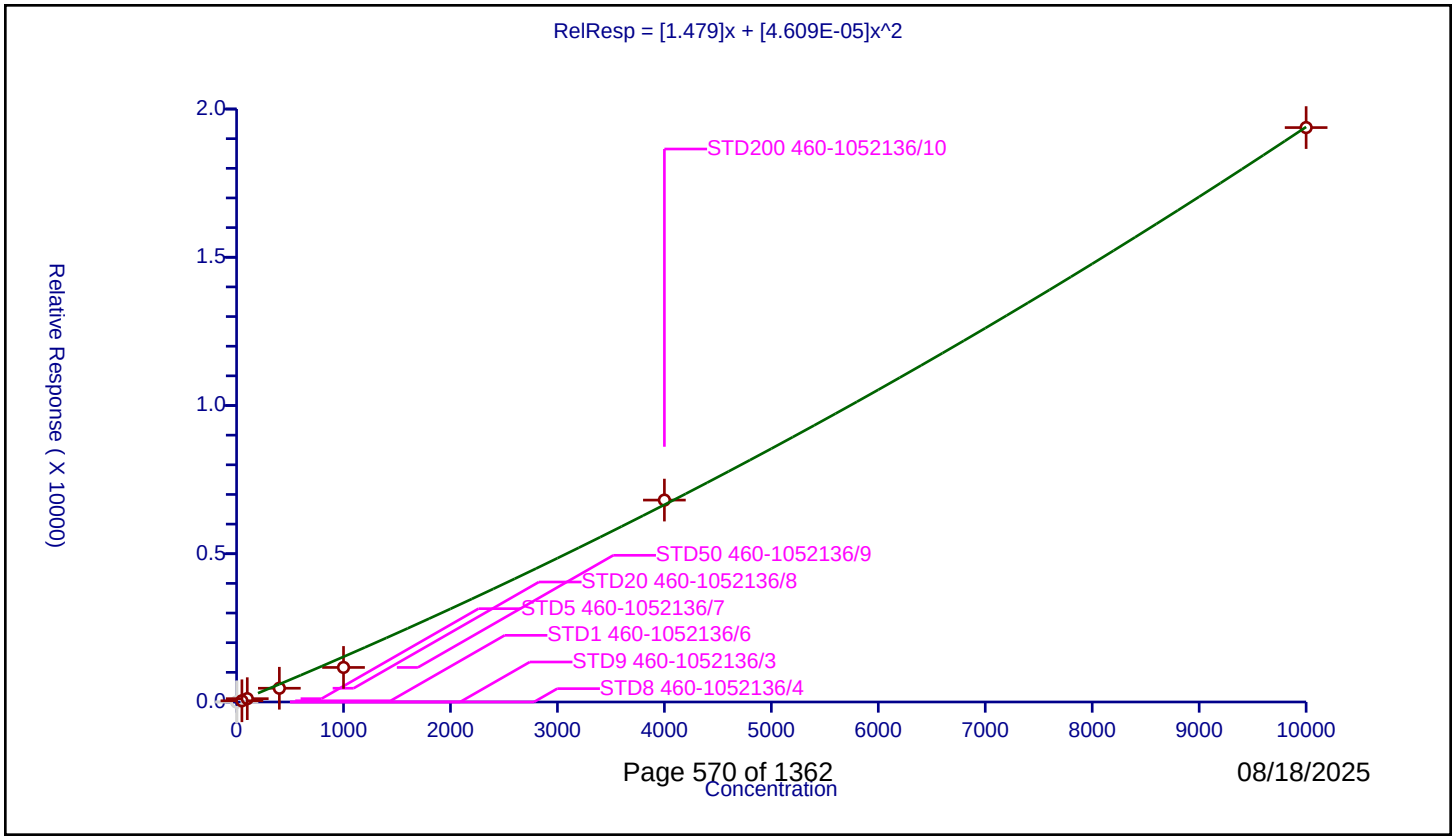
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.479 |
| **Second Order:** | 4.609E-05 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 30.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 20218.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 4.0 | 0.0 | 1000.0 | 19352.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 50.0 | 41.161994 | 1000.0 | 20723.0 | 0.82324 | Y |
| 4 | STD5 460-1052136/7 | 100.0 | 112.201489 | 1000.0 | 20686.0 | 1.122015 | Y |
| 5 | STD20 460-1052136/8 | 400.0 | 464.012805 | 1000.0 | 19368.0 | 1.160032 | Y |
| 6 | STD50 460-1052136/9 | 1000.0 | 1165.543879 | 1000.0 | 22266.0 | 1.165544 | Y |
| 7 | STD200 460-1052136/10 | 4000.0 | 6810.373929 | 1000.0 | 15404.0 | 1.702593 | Y |
| 8 | STD500 460-1052136/11 | 10000.0 | 19373.560477 | 1000.0 | 14675.0 | 1.937356 | Y |



## Calibration / Dibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

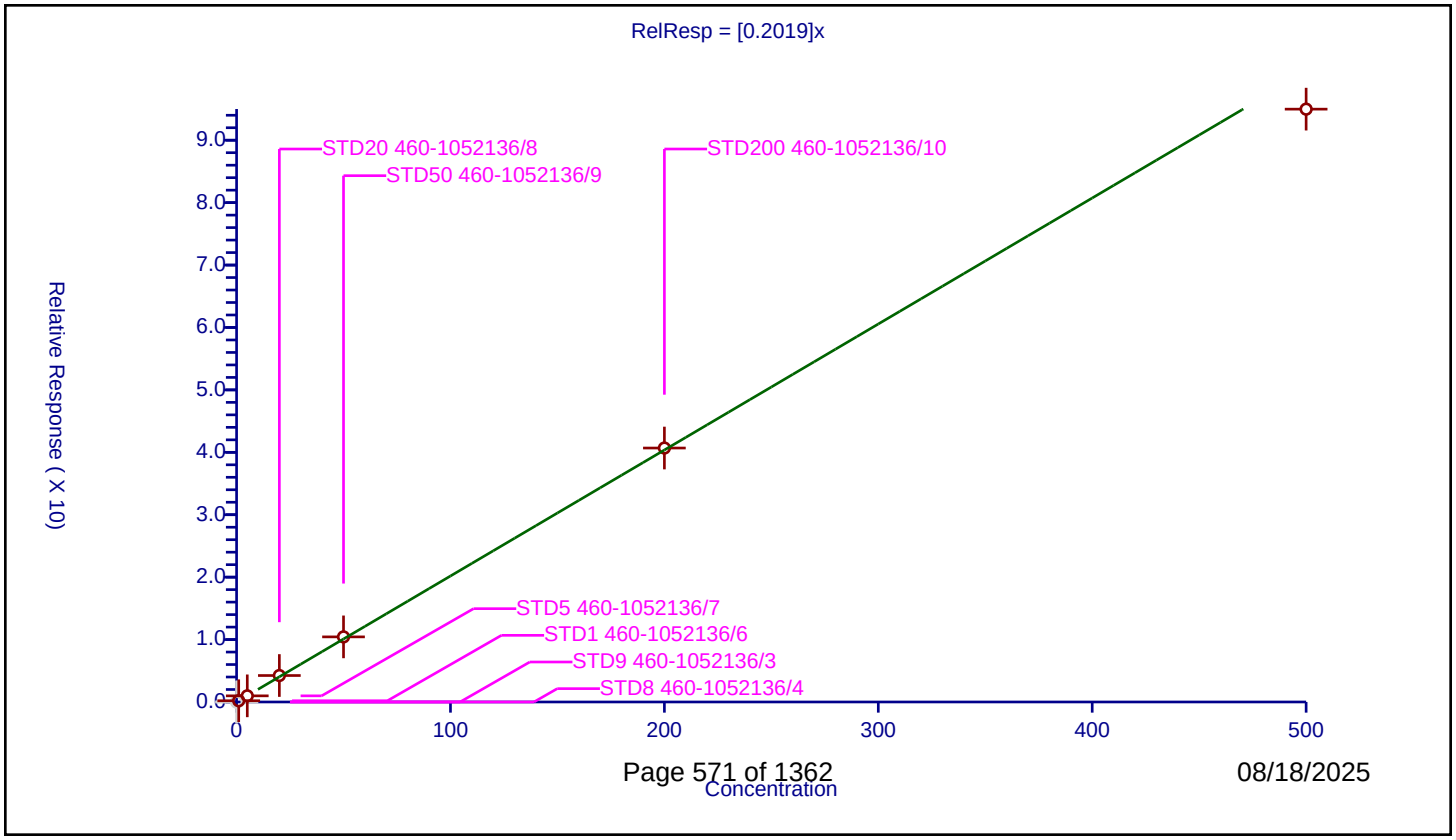
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2019 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.20027 | 50.0 | 524791.0 | 0.20027 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.98405 | 50.0 | 535745.0 | 0.19681 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.240654 | 50.0 | 493438.0 | 0.212033 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 10.430277 | 50.0 | 529334.0 | 0.208606 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 40.687456 | 50.0 | 562494.0 | 0.203437 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 94.978973 | 50.0 | 602327.0 | 0.189958 | Y |



## Calibration / n-Propyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

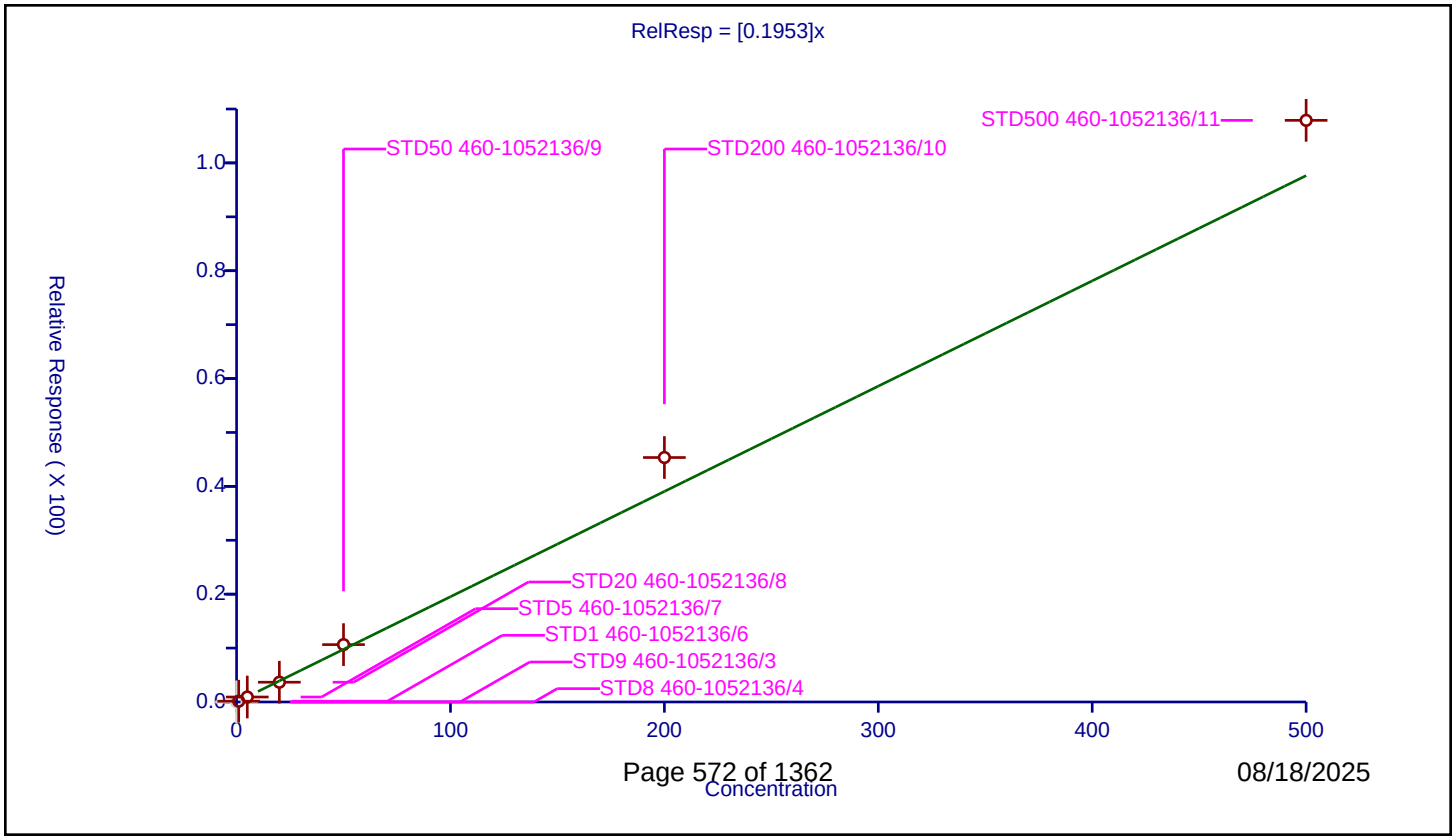
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1953 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.148154 | 50.0 | 524791.0 | 0.148154 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.923294 | 50.0 | 535745.0 | 0.184659 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.67037 | 50.0 | 493438.0 | 0.183518 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 10.642524 | 50.0 | 529334.0 | 0.21285 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 45.352039 | 50.0 | 562494.0 | 0.22676 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 107.898118 | 50.0 | 602327.0 | 0.215796 | Y |



## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

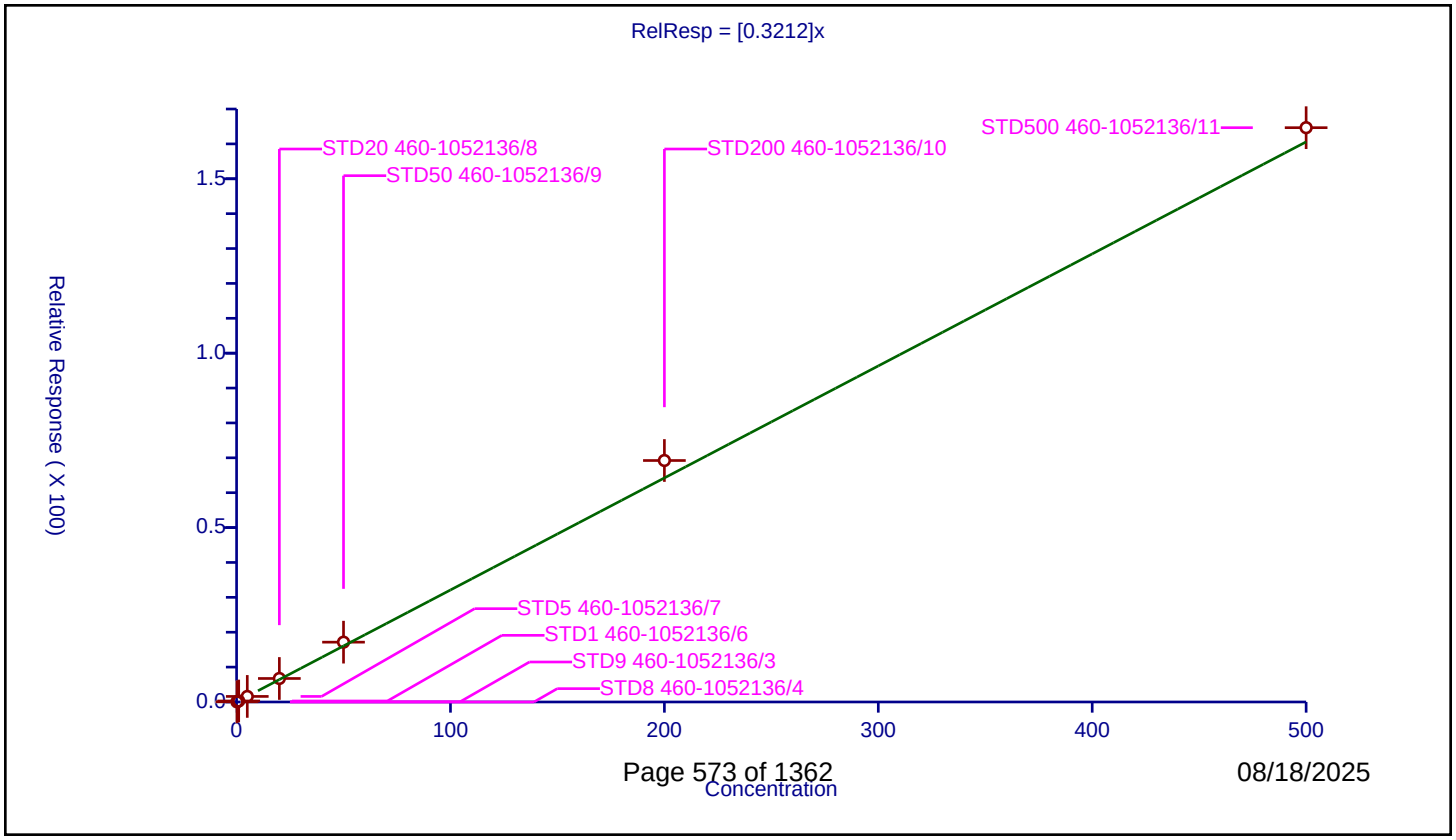
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3212 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.057237 | 50.0 | 519770.0 | 0.286184 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.28821 | 50.0 | 524791.0 | 0.28821 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.590775 | 50.0 | 535745.0 | 0.318155 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 6.741576 | 50.0 | 493438.0 | 0.337079 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 17.152497 | 50.0 | 529334.0 | 0.34305 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 69.230427 | 50.0 | 562494.0 | 0.346152 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 164.64985 | 50.0 | 602327.0 | 0.3293 | Y |



## Calibration / 2-Nitropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

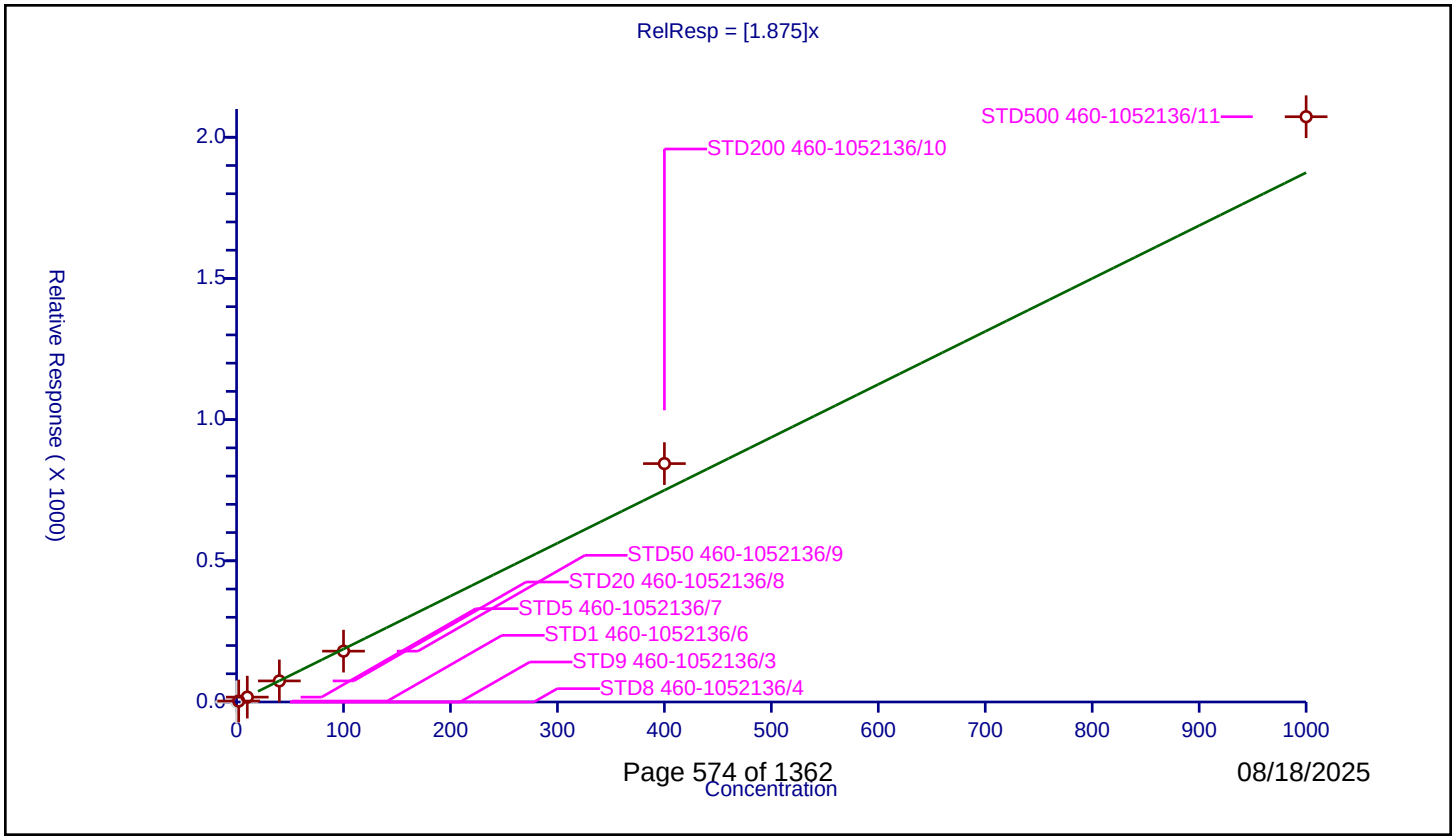
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.875 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 1000.0 | 210016.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.4 | 0.0 | 1000.0 | 199711.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 2.0 | 3.344529 | 1000.0 | 210493.0 | 1.672265 | Y |
| 4 | STD5 460-1052136/7 | 10.0 | 17.244714 | 1000.0 | 217168.0 | 1.724471 | Y |
| 5 | STD20 460-1052136/8 | 40.0 | 74.694834 | 1000.0 | 185555.0 | 1.867371 | Y |
| 6 | STD50 460-1052136/9 | 100.0 | 180.04375 | 1000.0 | 225373.0 | 1.800437 | Y |
| 7 | STD200 460-1052136/10 | 400.0 | 844.208531 | 1000.0 | 222586.0 | 2.110521 | Y |
| 8 | STD500 460-1052136/11 | 1000.0 | 2072.751089 | 1000.0 | 225976.0 | 2.072751 | 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 |

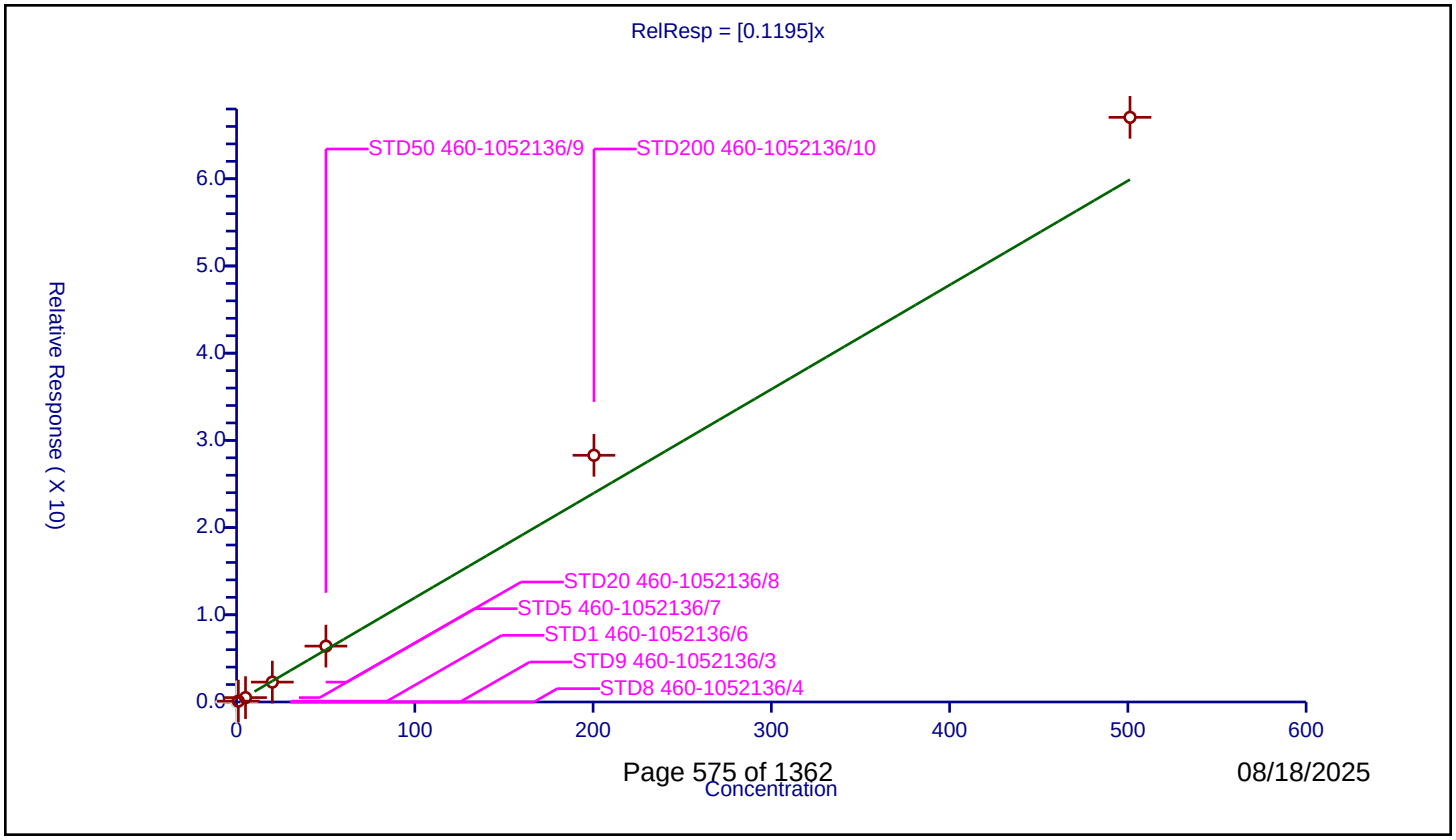
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1195 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.20048 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0024 | 0.100707 | 50.0 | 524791.0 | 0.100466 | Y |
| 4 | STD5 460-1052136/7 | 5.012 | 0.502758 | 50.0 | 535745.0 | 0.100311 | Y |
| 5 | STD20 460-1052136/8 | 20.048 | 2.279618 | 50.0 | 493438.0 | 0.113708 | Y |
| 6 | STD50 460-1052136/9 | 50.12 | 6.407108 | 50.0 | 529334.0 | 0.127835 | Y |
| 7 | STD200 460-1052136/10 | 200.48 | 28.29088 | 50.0 | 562494.0 | 0.141116 | Y |
| 8 | STD500 460-1052136/11 | 501.2 | 67.04697 | 50.0 | 602327.0 | 0.133773 | Y |



## Calibration / Epichlorohydrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

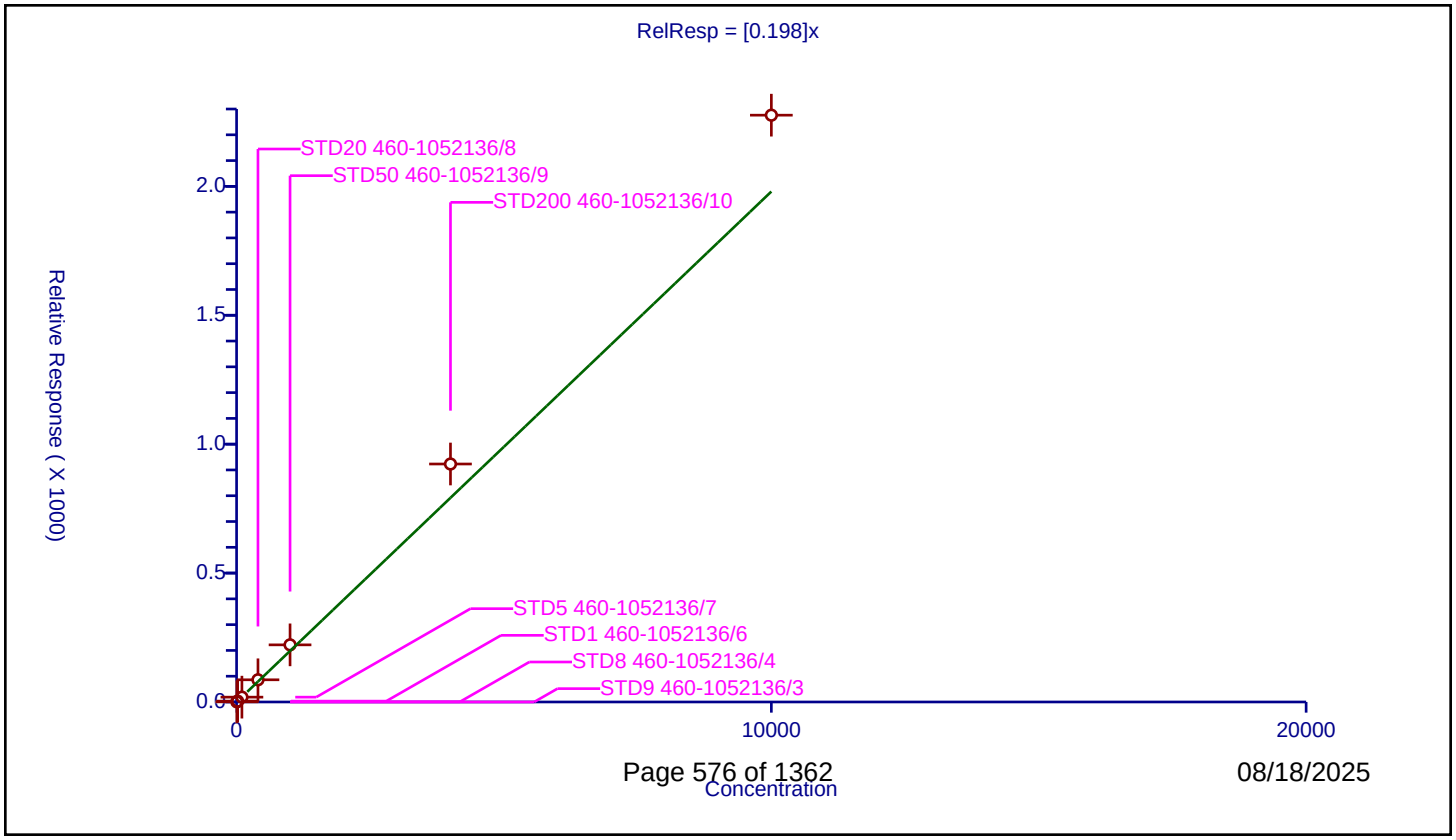
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.198 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 4.000007 | 0.0 | 250.0 | 191662.0 | 0.0 | N |
| 2 | STD8 460-1052136/4 | 5.000009 | 0.679416 | 250.0 | 209371.0 | 0.135883 | Y |
| 3 | STD1 460-1052136/6 | 20.000035 | 3.333866 | 250.0 | 206667.0 | 0.166693 | Y |
| 4 | STD5 460-1052136/7 | 100.000173 | 18.809034 | 250.0 | 207932.0 | 0.18809 | Y |
| 5 | STD20 460-1052136/8 | 400.000692 | 86.089715 | 250.0 | 183181.0 | 0.215224 | Y |
| 6 | STD50 460-1052136/9 | 1000.00173 | 221.614775 | 250.0 | 210215.0 | 0.221614 | Y |
| 7 | STD200 460-1052136/10 | 4000.00692 | 923.078088 | 250.0 | 231176.0 | 0.230769 | Y |
| 8 | STD500 460-1052136/11 | 10000.0173 | 2276.059148 | 250.0 | 241633.0 | 0.227606 | 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 |

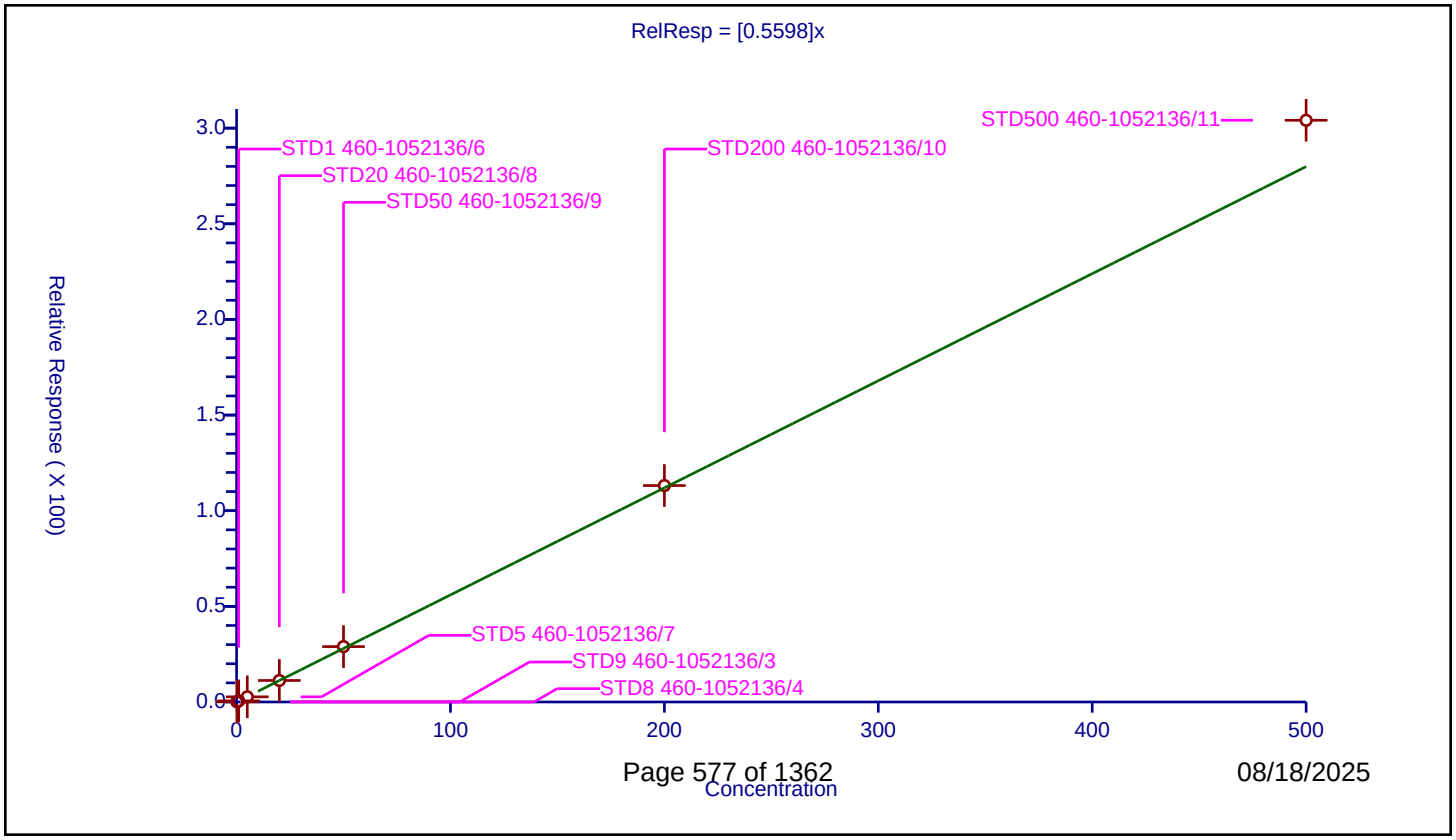
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5598 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.100539 | 50.0 | 316792.0 | 0.502696 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.561109 | 50.0 | 328011.0 | 0.561109 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.699709 | 50.0 | 333184.0 | 0.539942 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 11.236508 | 50.0 | 320273.0 | 0.561825 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 28.949828 | 50.0 | 359427.0 | 0.578997 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 113.15605 | 50.0 | 392310.0 | 0.56578 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 304.110035 | 50.0 | 386931.0 | 0.60822 | 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 |

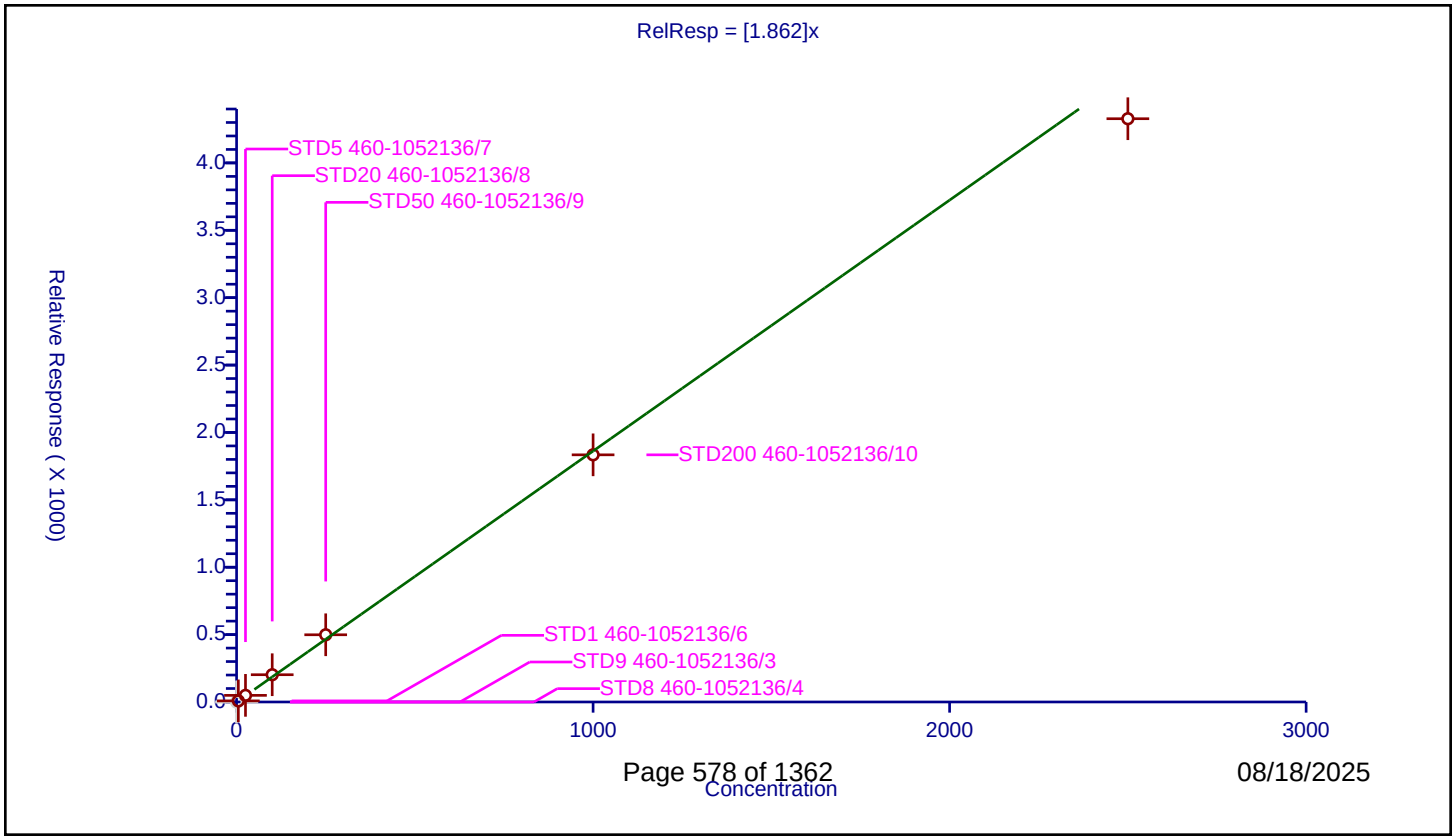
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.862 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 250.0 | 209371.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 1.0 | 0.0 | 250.0 | 191662.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 5.0 | 8.115713 | 250.0 | 206667.0 | 1.623143 | Y |
| 4 | STD5 460-1052136/7 | 25.0 | 49.125435 | 250.0 | 207932.0 | 1.965017 | Y |
| 5 | STD20 460-1052136/8 | 100.0 | 202.355867 | 250.0 | 183181.0 | 2.023559 | Y |
| 6 | STD50 460-1052136/9 | 250.0 | 498.742954 | 250.0 | 210215.0 | 1.994972 | Y |
| 7 | STD200 460-1052136/10 | 1000.0 | 1833.963084 | 250.0 | 231176.0 | 1.833963 | Y |
| 8 | STD500 460-1052136/11 | 2500.0 | 4327.946721 | 250.0 | 241633.0 | 1.731179 | Y |



## Calibration / Toluene-d8 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

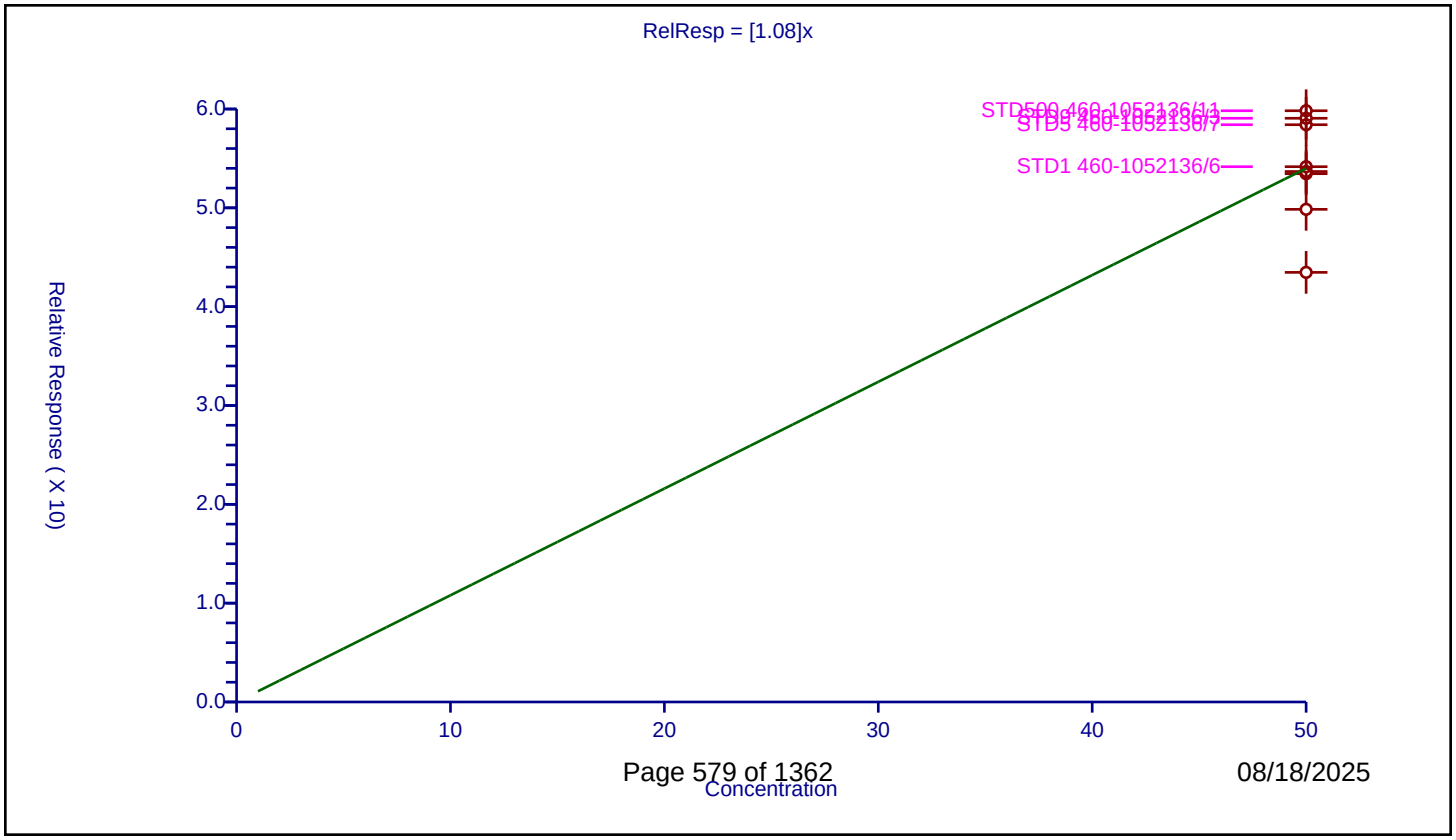
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.08 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 50.0 | 59.064149 | 50.0 | 316792.0 | 1.181283 | Y |
| 2 | STD8 460-1052136/4 | 50.0 | 49.850177 | 50.0 | 344073.0 | 0.997004 | Y |
| 3 | STD1 460-1052136/6 | 50.0 | 54.163885 | 50.0 | 328011.0 | 1.083278 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 58.411418 | 50.0 | 333184.0 | 1.168228 | Y |
| 5 | STD20 460-1052136/8 | 50.0 | 43.470258 | 50.0 | 320273.0 | 0.869405 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 53.454944 | 50.0 | 359427.0 | 1.069099 | Y |
| 7 | STD200 460-1052136/10 | 50.0 | 53.675027 | 50.0 | 392310.0 | 1.073501 | Y |
| 8 | STD500 460-1052136/11 | 50.0 | 59.825008 | 50.0 | 386931.0 | 1.1965 | Y |



## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

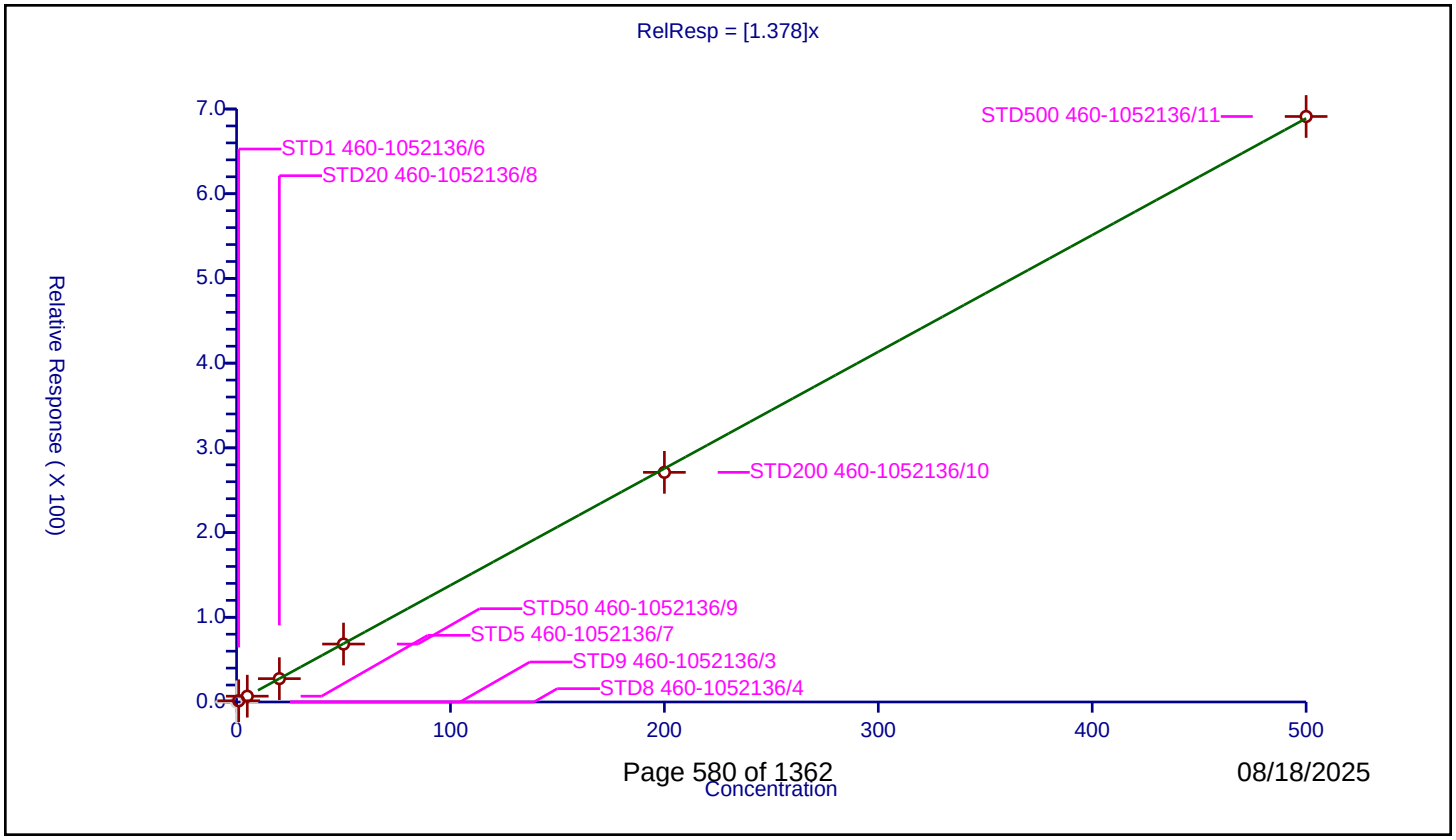
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.378 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.417178 | 50.0 | 328011.0 | 1.417178 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 6.832711 | 50.0 | 333184.0 | 1.366542 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 27.569292 | 50.0 | 320273.0 | 1.378465 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 68.383983 | 50.0 | 359427.0 | 1.36768 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 271.076572 | 50.0 | 392310.0 | 1.355383 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 691.19352 | 50.0 | 386931.0 | 1.382387 | 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 |

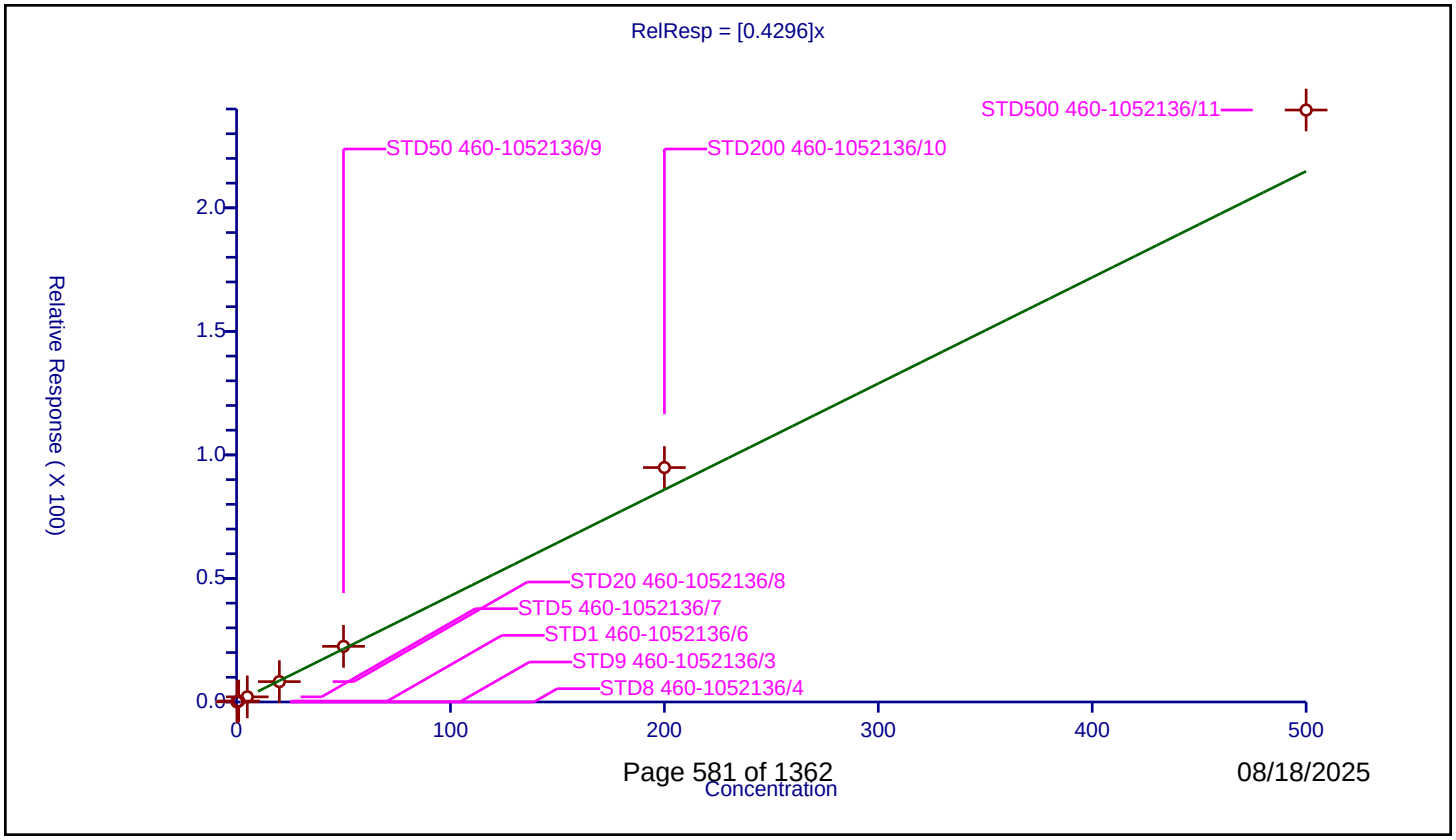
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4296 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.078285 | 50.0 | 316792.0 | 0.391424 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.384591 | 50.0 | 328011.0 | 0.384591 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.07603 | 50.0 | 333184.0 | 0.415206 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 8.243436 | 50.0 | 320273.0 | 0.412172 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 22.520289 | 50.0 | 359427.0 | 0.450406 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 94.888226 | 50.0 | 392310.0 | 0.474441 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 239.587678 | 50.0 | 386931.0 | 0.479175 | Y |



## Calibration / Ethyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

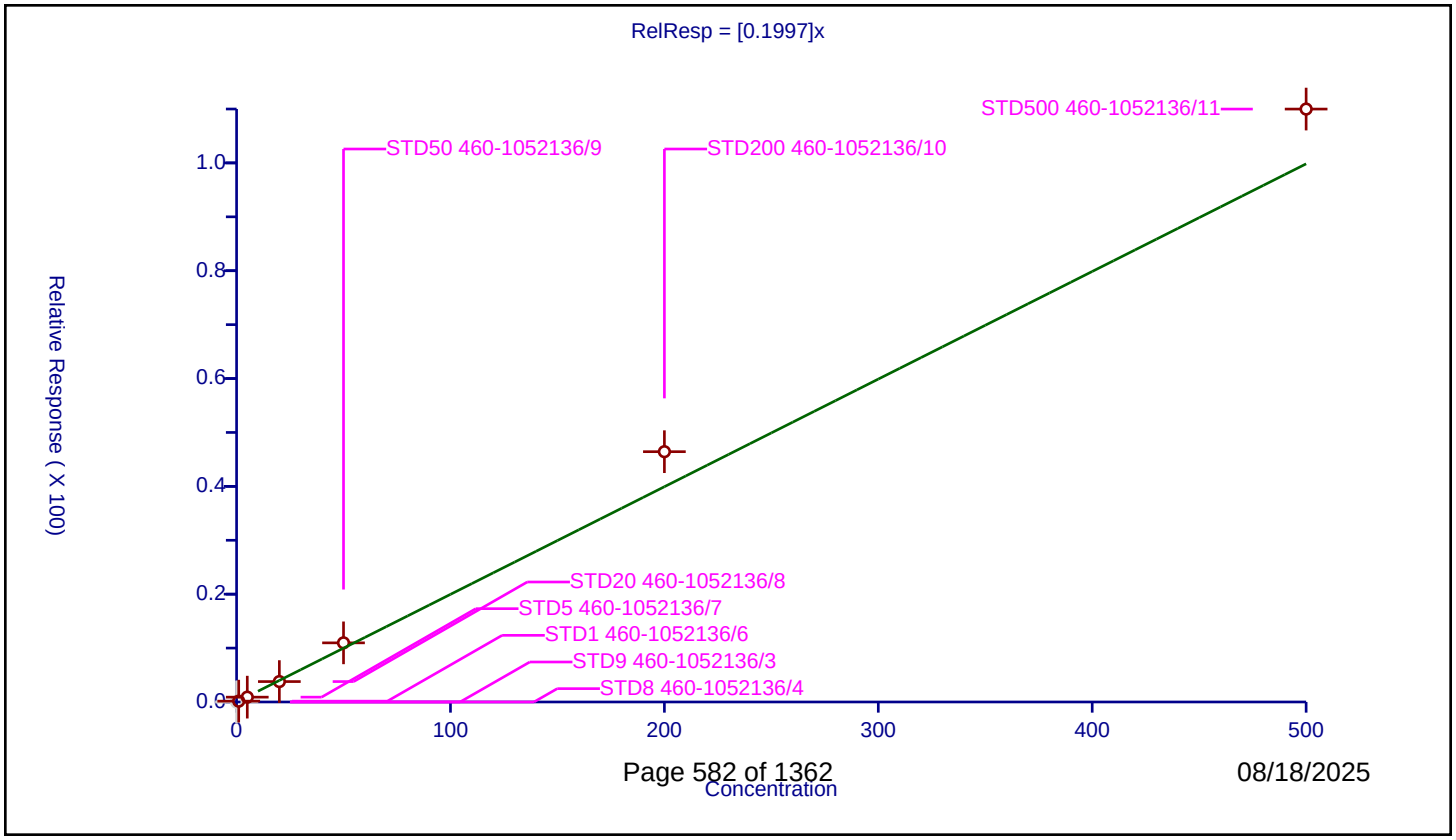
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1997 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 532674.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 519770.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.157205 | 50.0 | 524791.0 | 0.157205 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.898935 | 50.0 | 535745.0 | 0.179787 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.788014 | 50.0 | 493438.0 | 0.189401 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 10.969539 | 50.0 | 529334.0 | 0.219391 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 46.433206 | 50.0 | 562494.0 | 0.232166 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 109.990171 | 50.0 | 602327.0 | 0.21998 | 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 |

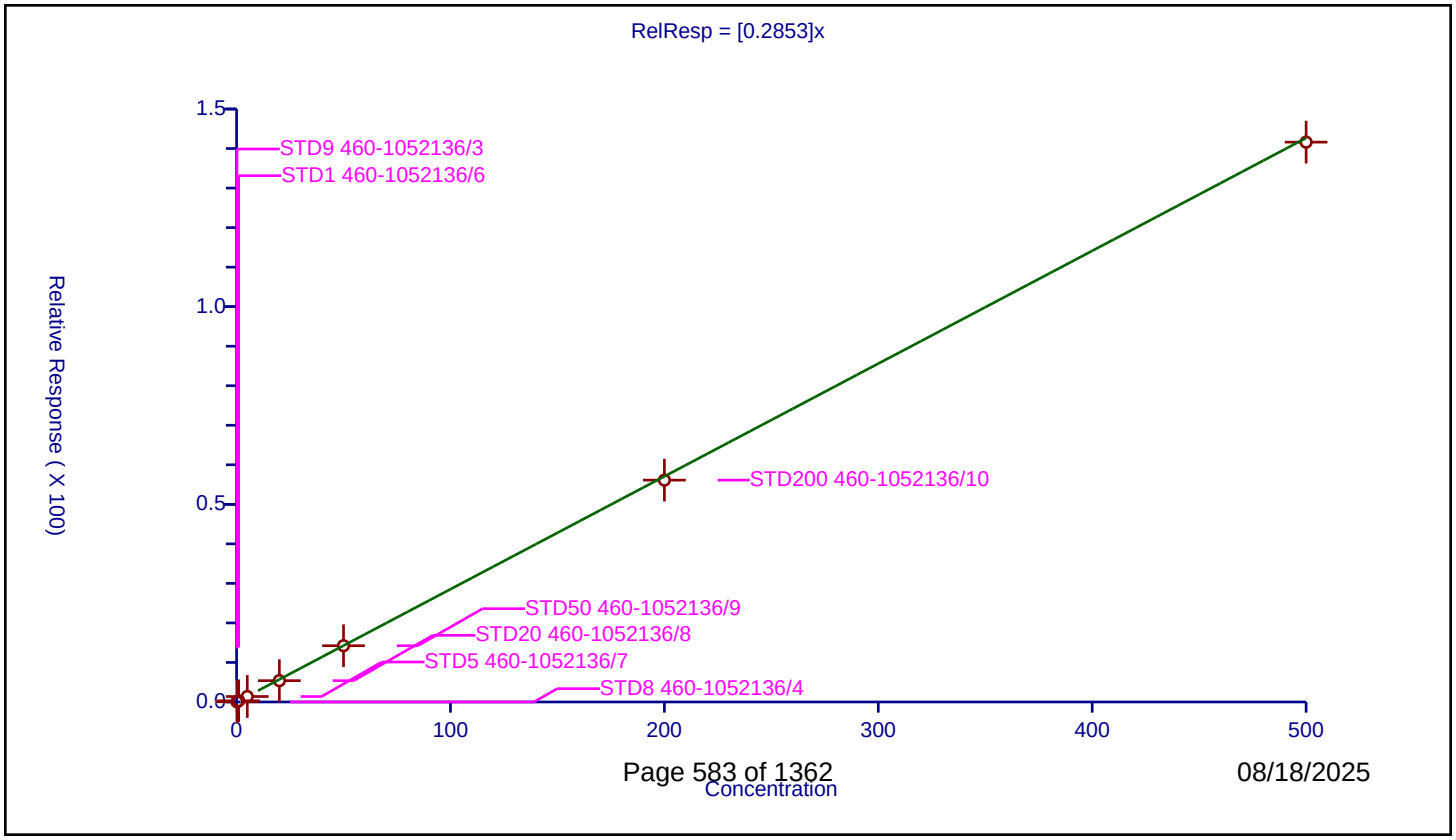
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2853 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.061555 | 50.0 | 316792.0 | 0.307773 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.294807 | 50.0 | 328011.0 | 0.294807 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.38302 | 50.0 | 333184.0 | 0.276604 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 5.39165 | 50.0 | 320273.0 | 0.269583 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 14.231819 | 50.0 | 359427.0 | 0.284636 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 56.117866 | 50.0 | 392310.0 | 0.280589 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 141.621504 | 50.0 | 386931.0 | 0.283243 | Y |



## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

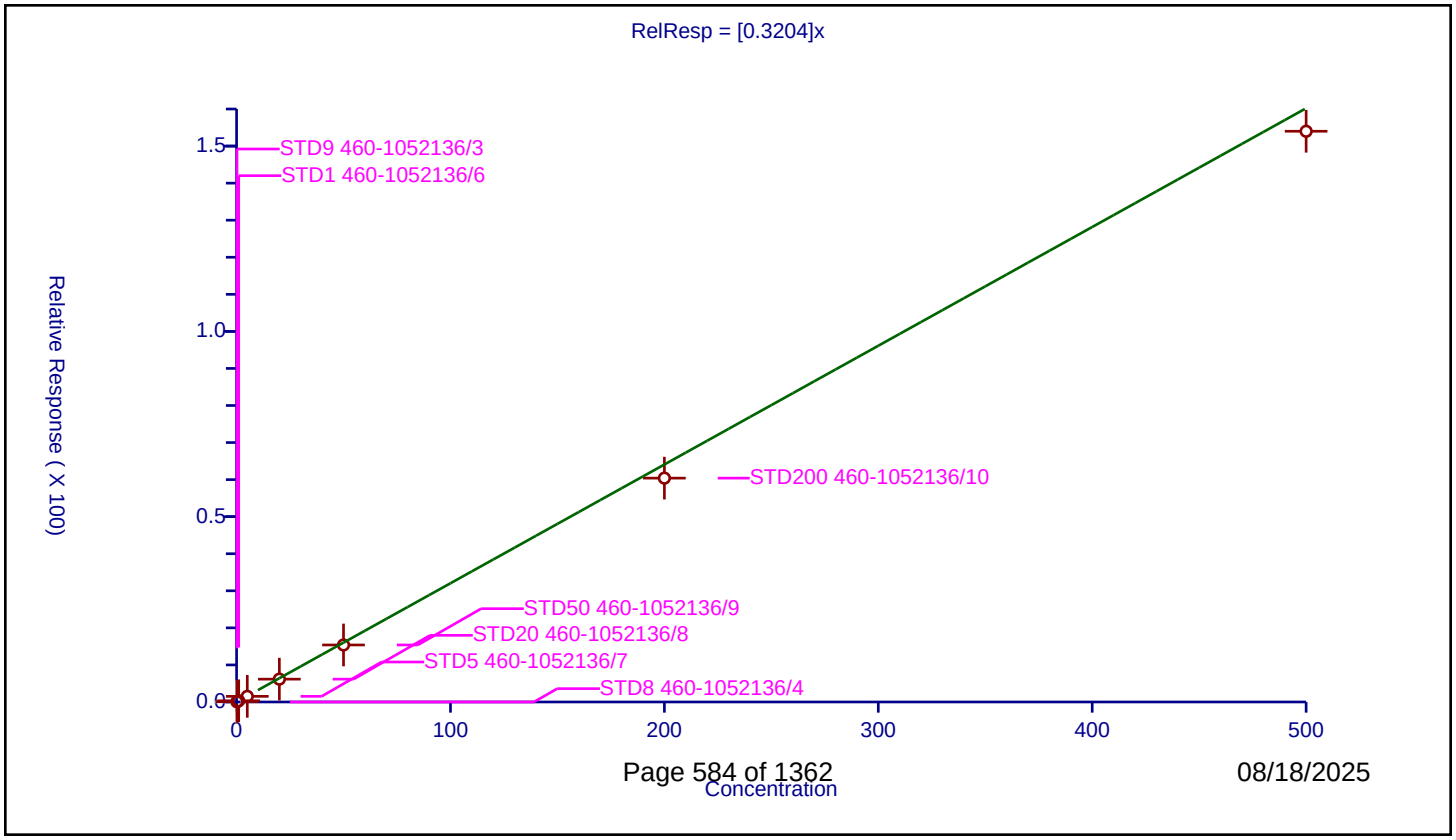
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3204 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.077811 | 50.0 | 316792.0 | 0.389057 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.322855 | 50.0 | 328011.0 | 0.322855 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.524683 | 50.0 | 333184.0 | 0.304937 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 6.165053 | 50.0 | 320273.0 | 0.308253 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 15.387269 | 50.0 | 359427.0 | 0.307745 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 60.4044 | 50.0 | 392310.0 | 0.302022 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 153.996191 | 50.0 | 386931.0 | 0.307992 | Y |



## Calibration / 1,3-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

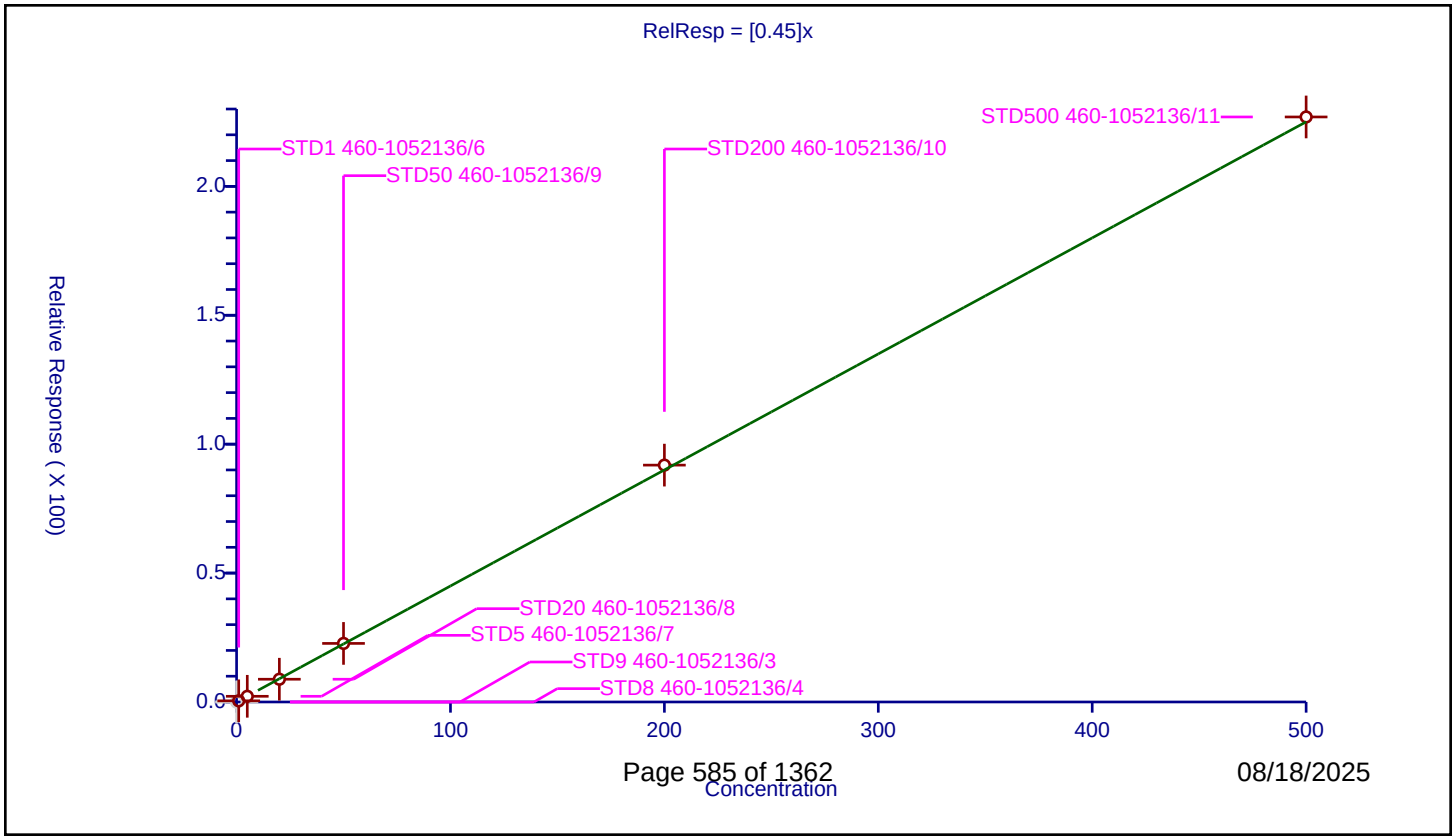
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.45 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.450595 | 50.0 | 328011.0 | 0.450595 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.204338 | 50.0 | 333184.0 | 0.440868 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 8.823878 | 50.0 | 320273.0 | 0.441194 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 22.716852 | 50.0 | 359427.0 | 0.454337 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 91.877724 | 50.0 | 392310.0 | 0.459389 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 226.915264 | 50.0 | 386931.0 | 0.453831 | Y |



## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

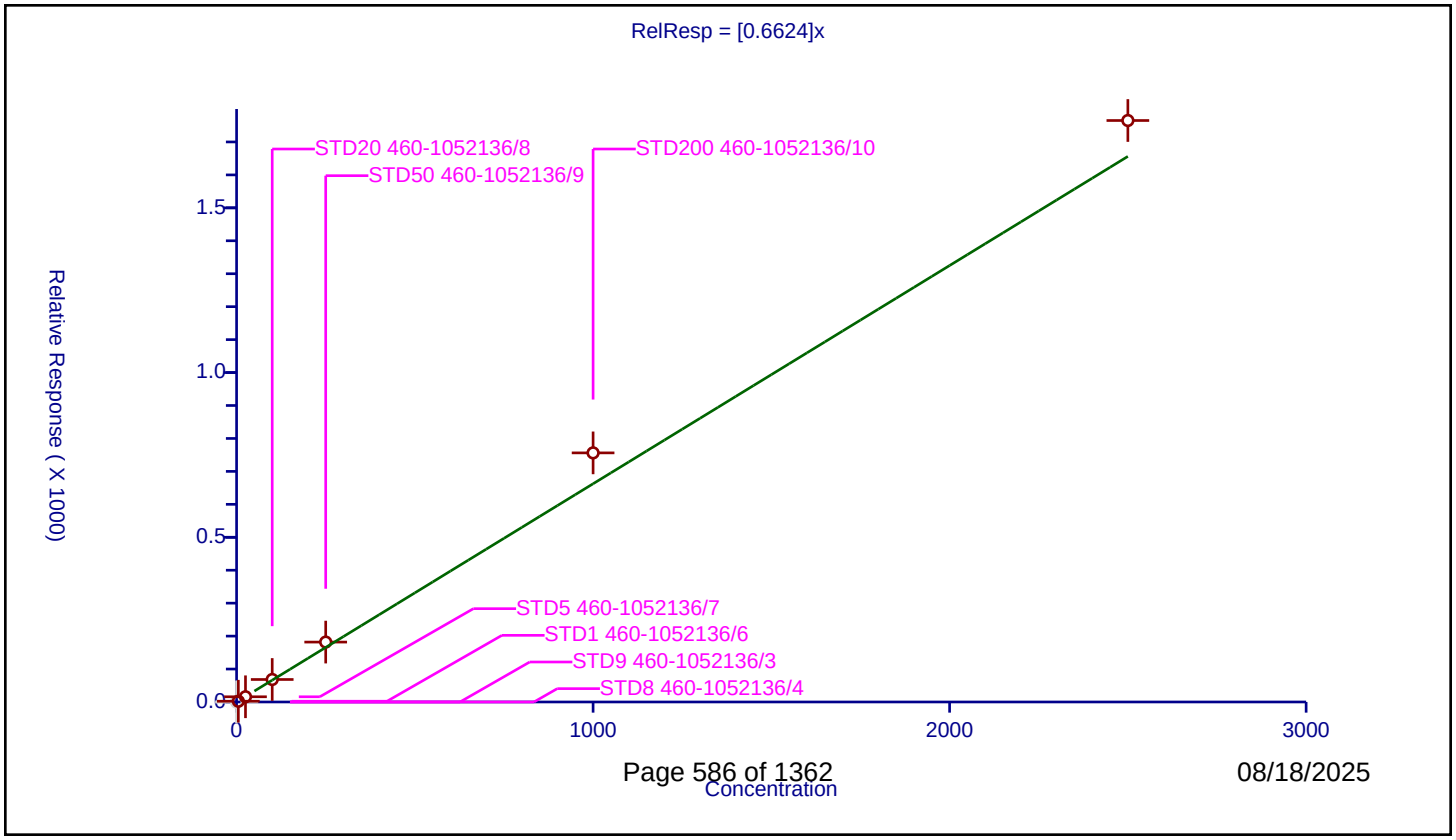
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6624 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 250.0 | 209371.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 1.0 | 0.0 | 250.0 | 191662.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 5.0 | 2.344351 | 250.0 | 206667.0 | 0.46887 | Y |
| 4 | STD5 460-1052136/7 | 25.0 | 15.841717 | 250.0 | 207932.0 | 0.633669 | Y |
| 5 | STD20 460-1052136/8 | 100.0 | 68.261719 | 250.0 | 183181.0 | 0.682617 | Y |
| 6 | STD50 460-1052136/9 | 250.0 | 181.826939 | 250.0 | 210215.0 | 0.727308 | Y |
| 7 | STD200 460-1052136/10 | 1000.0 | 756.166298 | 250.0 | 231176.0 | 0.756166 | Y |
| 8 | STD500 460-1052136/11 | 2500.0 | 1765.141765 | 250.0 | 241633.0 | 0.706057 | Y |



## Calibration / n-Butyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

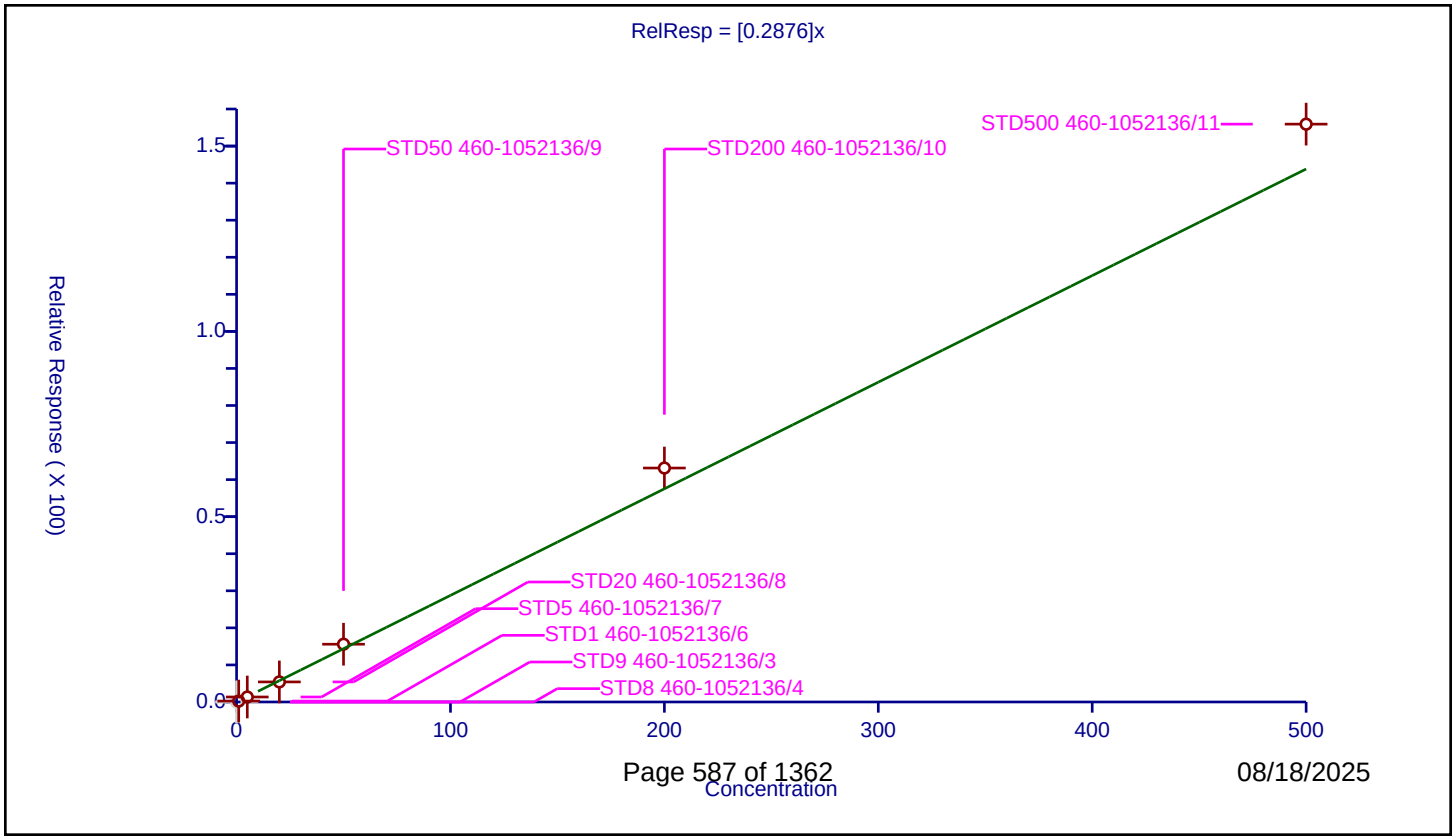
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2876 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.246638 | 50.0 | 328011.0 | 0.246638 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.345503 | 50.0 | 333184.0 | 0.269101 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 5.414756 | 50.0 | 320273.0 | 0.270738 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 15.589814 | 50.0 | 359427.0 | 0.311796 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 63.126737 | 50.0 | 392310.0 | 0.315634 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 155.916559 | 50.0 | 386931.0 | 0.311833 | Y |



## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

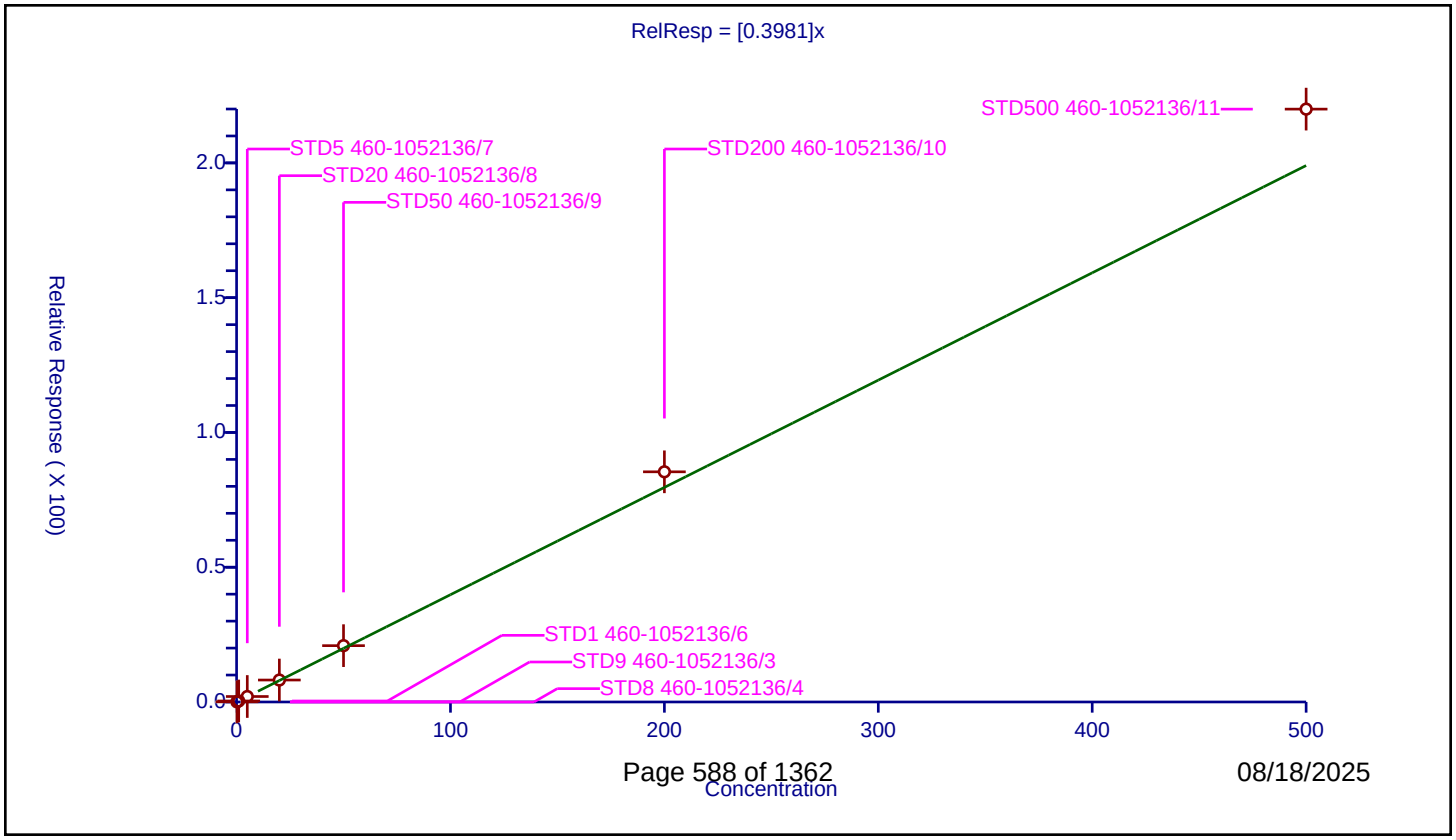
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3981 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.062502 | 50.0 | 316792.0 | 0.312508 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.374225 | 50.0 | 328011.0 | 0.374225 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.035212 | 50.0 | 333184.0 | 0.407042 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 8.152264 | 50.0 | 320273.0 | 0.407613 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 20.902297 | 50.0 | 359427.0 | 0.418046 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 85.400194 | 50.0 | 392310.0 | 0.427001 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 219.962086 | 50.0 | 386931.0 | 0.439924 | Y |



## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

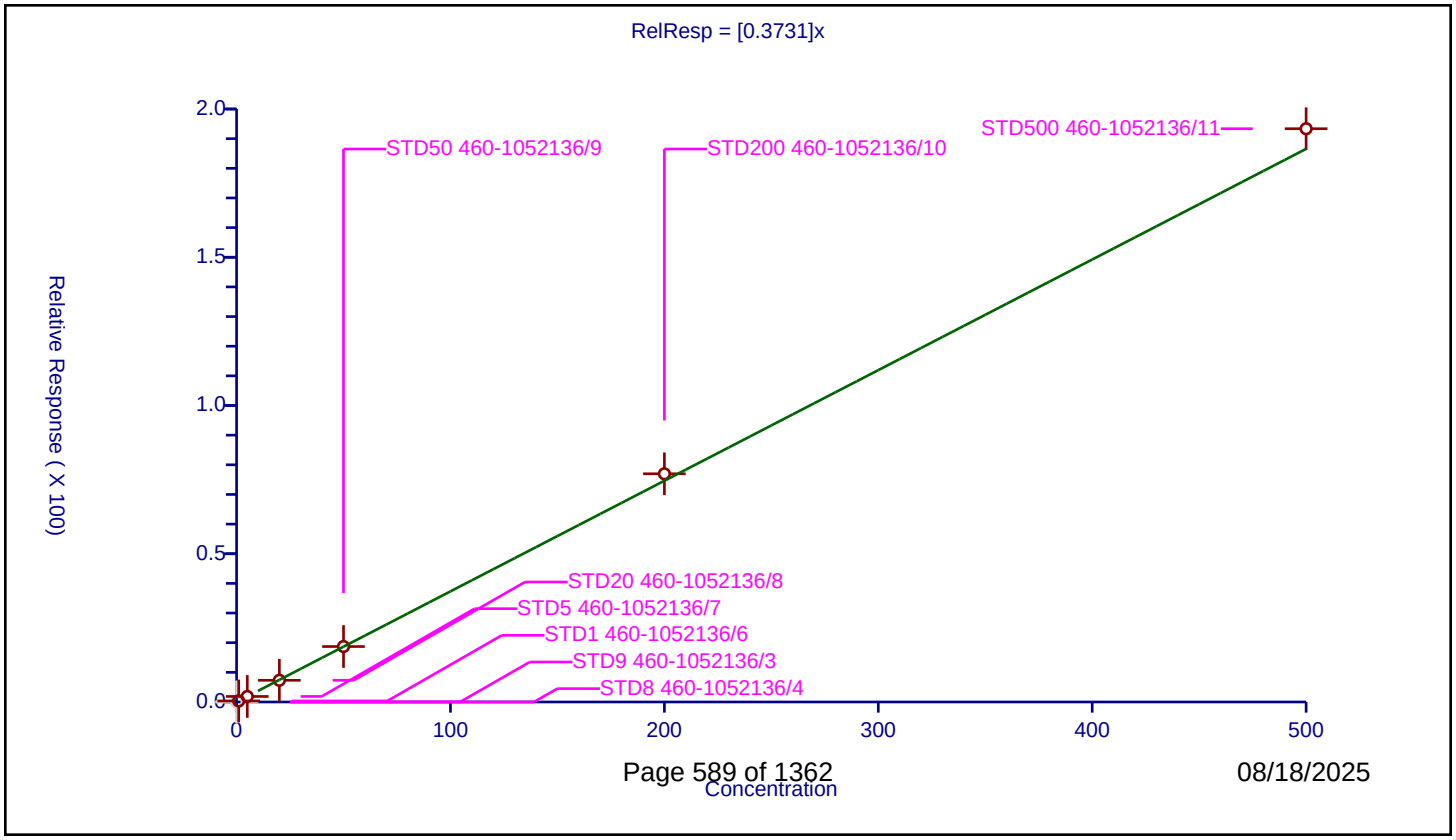
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3731 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.353952 | 50.0 | 328011.0 | 0.353952 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.864585 | 50.0 | 333184.0 | 0.372917 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.321098 | 50.0 | 320273.0 | 0.366055 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 18.706858 | 50.0 | 359427.0 | 0.374137 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 76.965283 | 50.0 | 392310.0 | 0.384826 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 193.3545 | 50.0 | 386931.0 | 0.386709 | Y |



## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

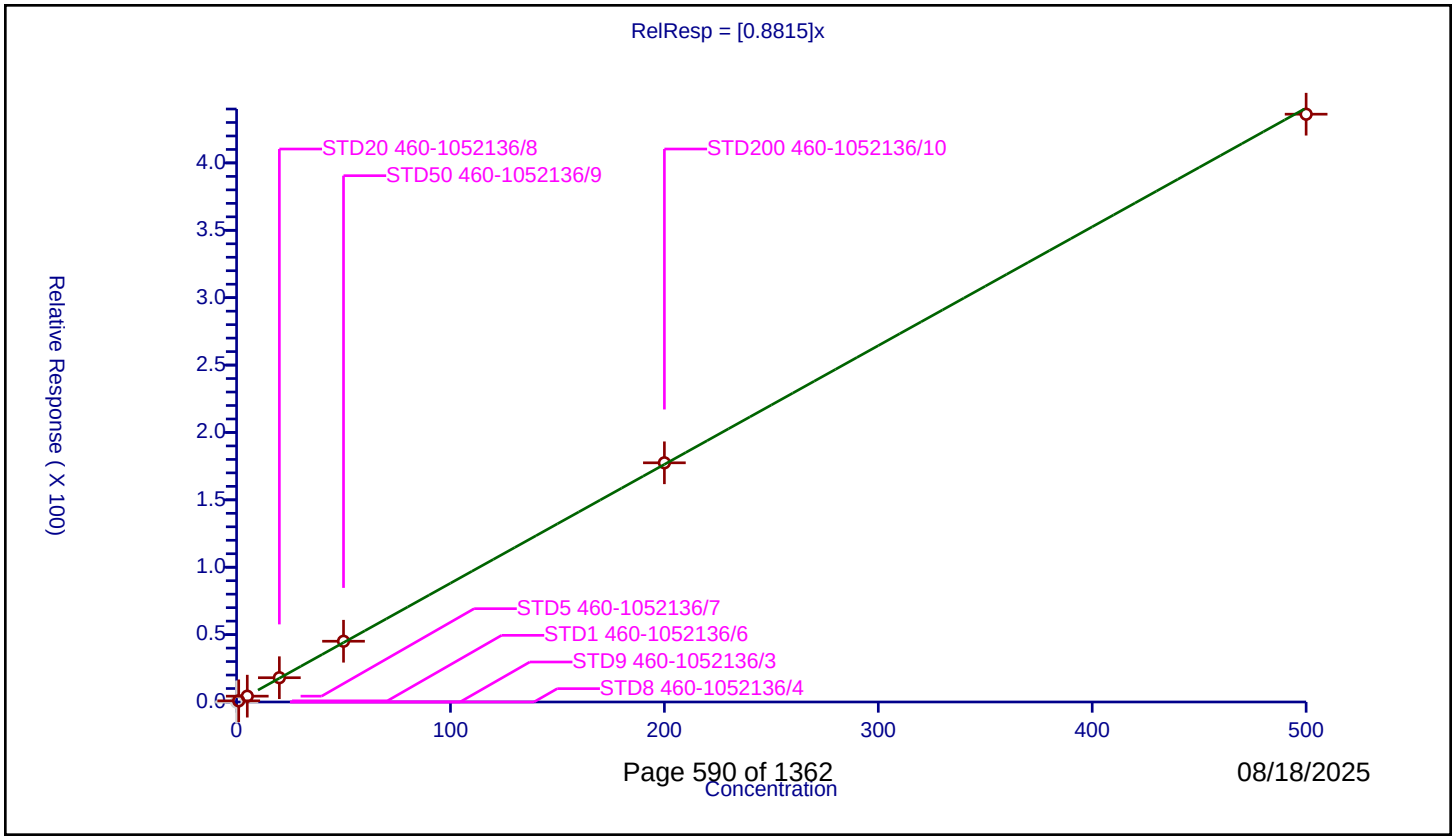
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8815 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.863691 | 50.0 | 328011.0 | 0.863691 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 4.316984 | 50.0 | 333184.0 | 0.863397 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 18.009948 | 50.0 | 320273.0 | 0.900497 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 45.081616 | 50.0 | 359427.0 | 0.901632 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 177.487191 | 50.0 | 392310.0 | 0.887436 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 436.151278 | 50.0 | 386931.0 | 0.872303 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

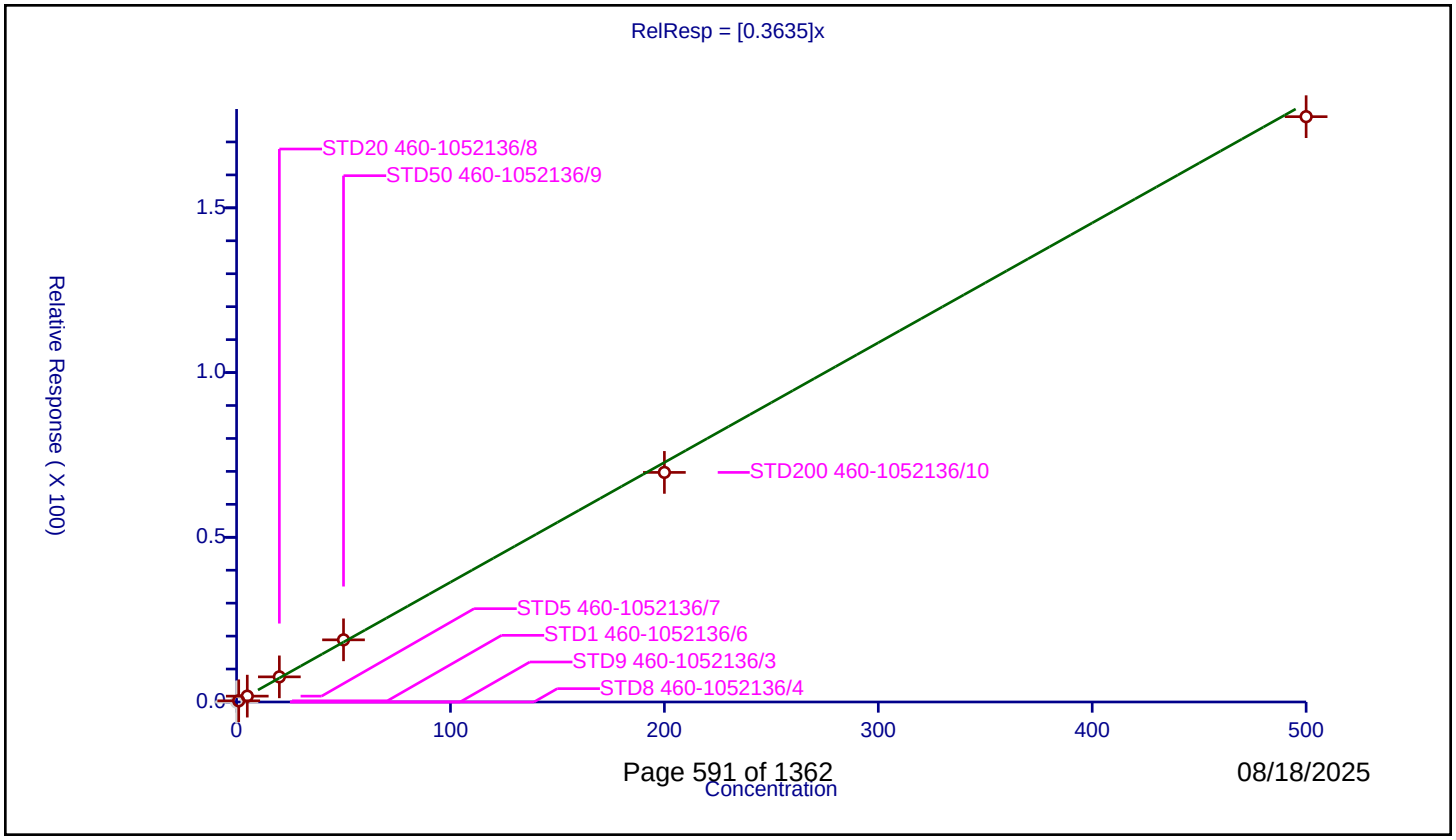
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3635 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.36325 | 50.0 | 328011.0 | 0.36325 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.777696 | 50.0 | 333184.0 | 0.355539 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.628804 | 50.0 | 320273.0 | 0.38144 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 18.861827 | 50.0 | 359427.0 | 0.377237 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 69.692335 | 50.0 | 392310.0 | 0.348462 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 177.680517 | 50.0 | 386931.0 | 0.355361 | Y |



## Calibration / 1,1,1,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

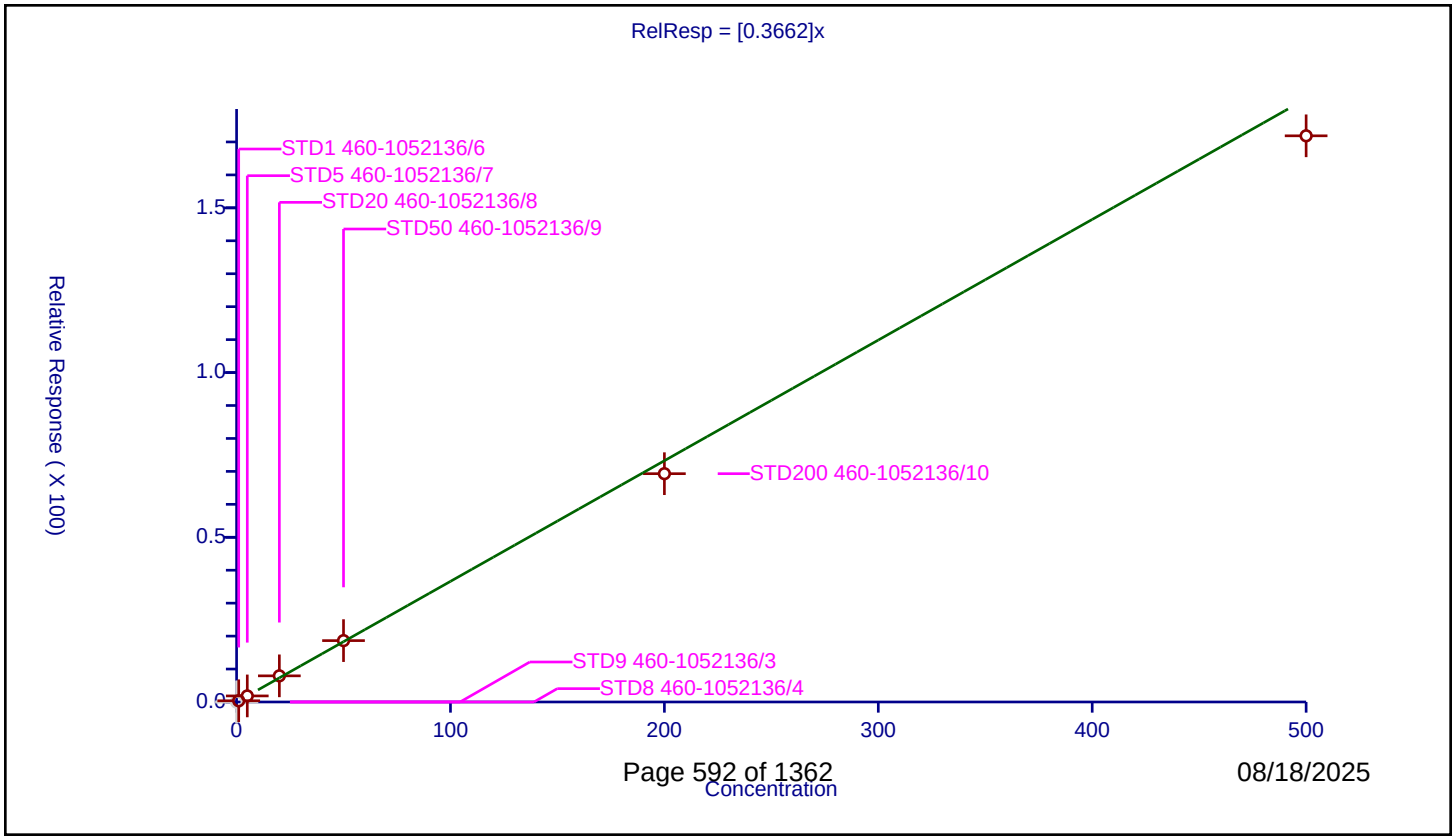
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3662 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.369043 | 50.0 | 328011.0 | 0.369043 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.841475 | 50.0 | 333184.0 | 0.368295 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 7.940101 | 50.0 | 320273.0 | 0.397005 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 18.629791 | 50.0 | 359427.0 | 0.372596 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 69.306288 | 50.0 | 392310.0 | 0.346531 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 171.862167 | 50.0 | 386931.0 | 0.343724 | 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 |

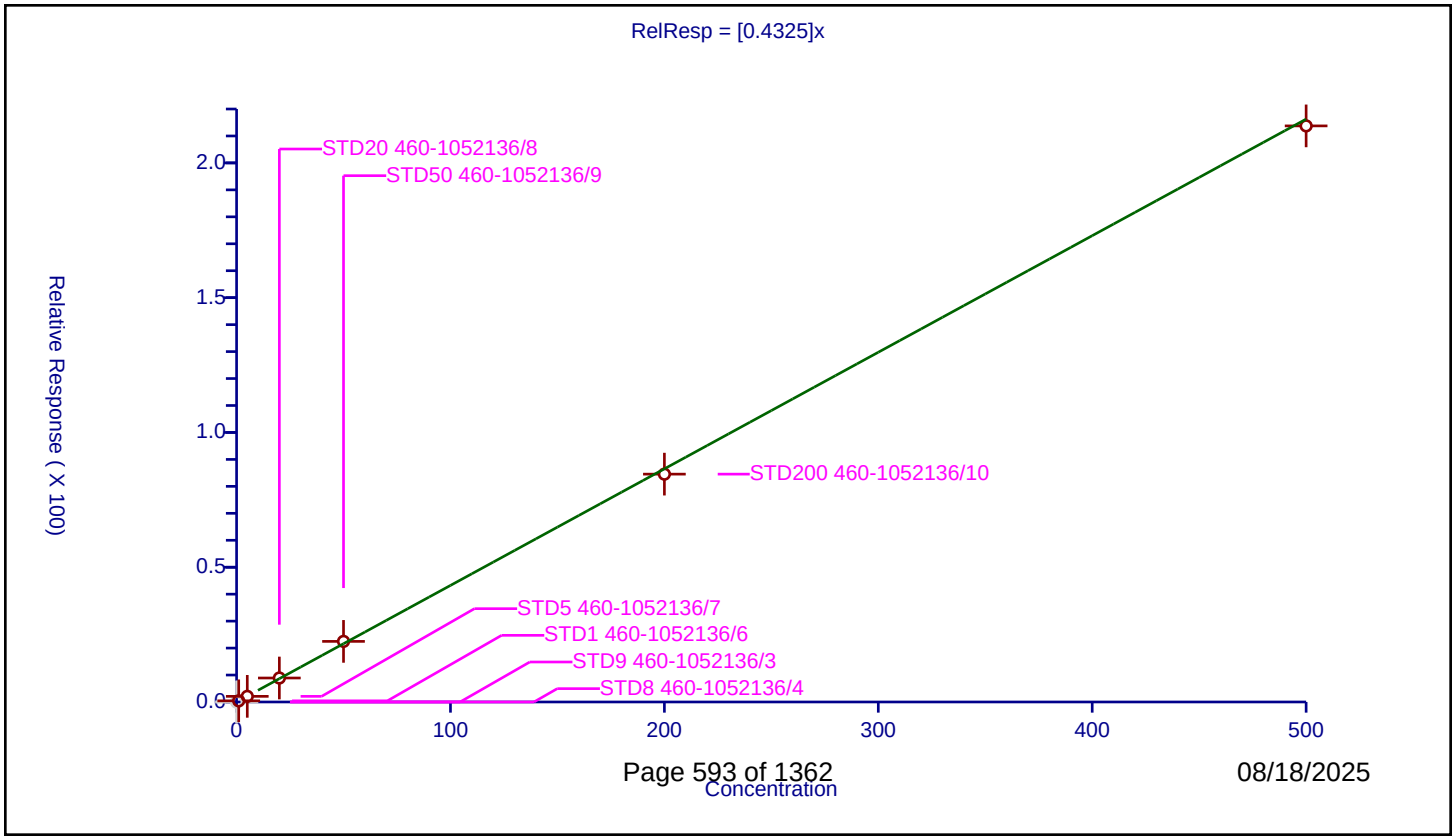
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4325 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.430931 | 50.0 | 328011.0 | 0.430931 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.095539 | 50.0 | 333184.0 | 0.419108 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 8.902093 | 50.0 | 320273.0 | 0.445105 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 22.487042 | 50.0 | 359427.0 | 0.449741 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 84.531366 | 50.0 | 392310.0 | 0.422657 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 213.741597 | 50.0 | 386931.0 | 0.427483 | Y |



## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

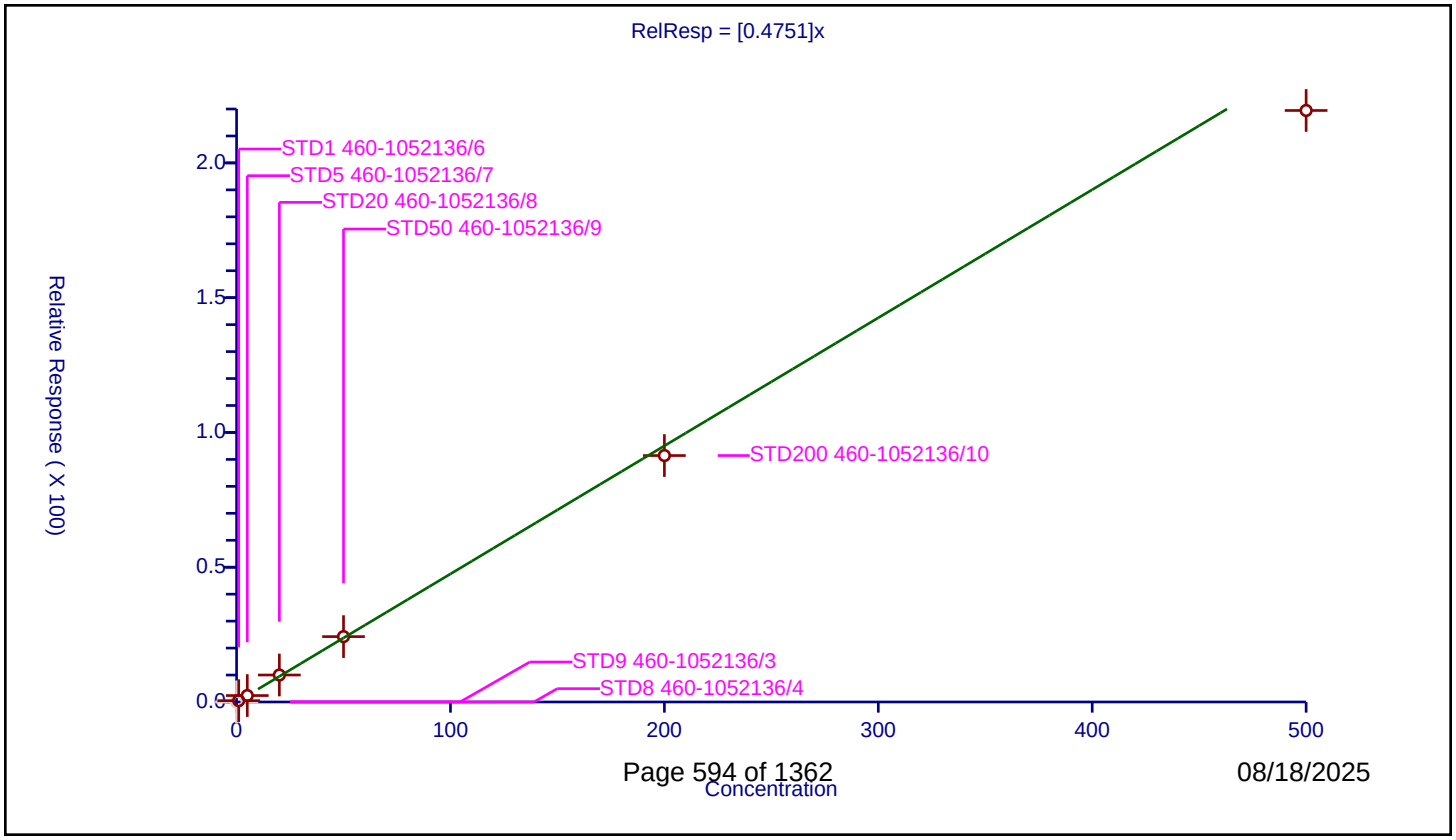
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4751 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.492514 | 50.0 | 328011.0 | 0.492514 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.384418 | 50.0 | 333184.0 | 0.476884 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 10.006775 | 50.0 | 320273.0 | 0.500339 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 24.253743 | 50.0 | 359427.0 | 0.485075 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 91.433178 | 50.0 | 392310.0 | 0.457166 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 219.458508 | 50.0 | 386931.0 | 0.438917 | Y |



## Calibration / n-Butyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

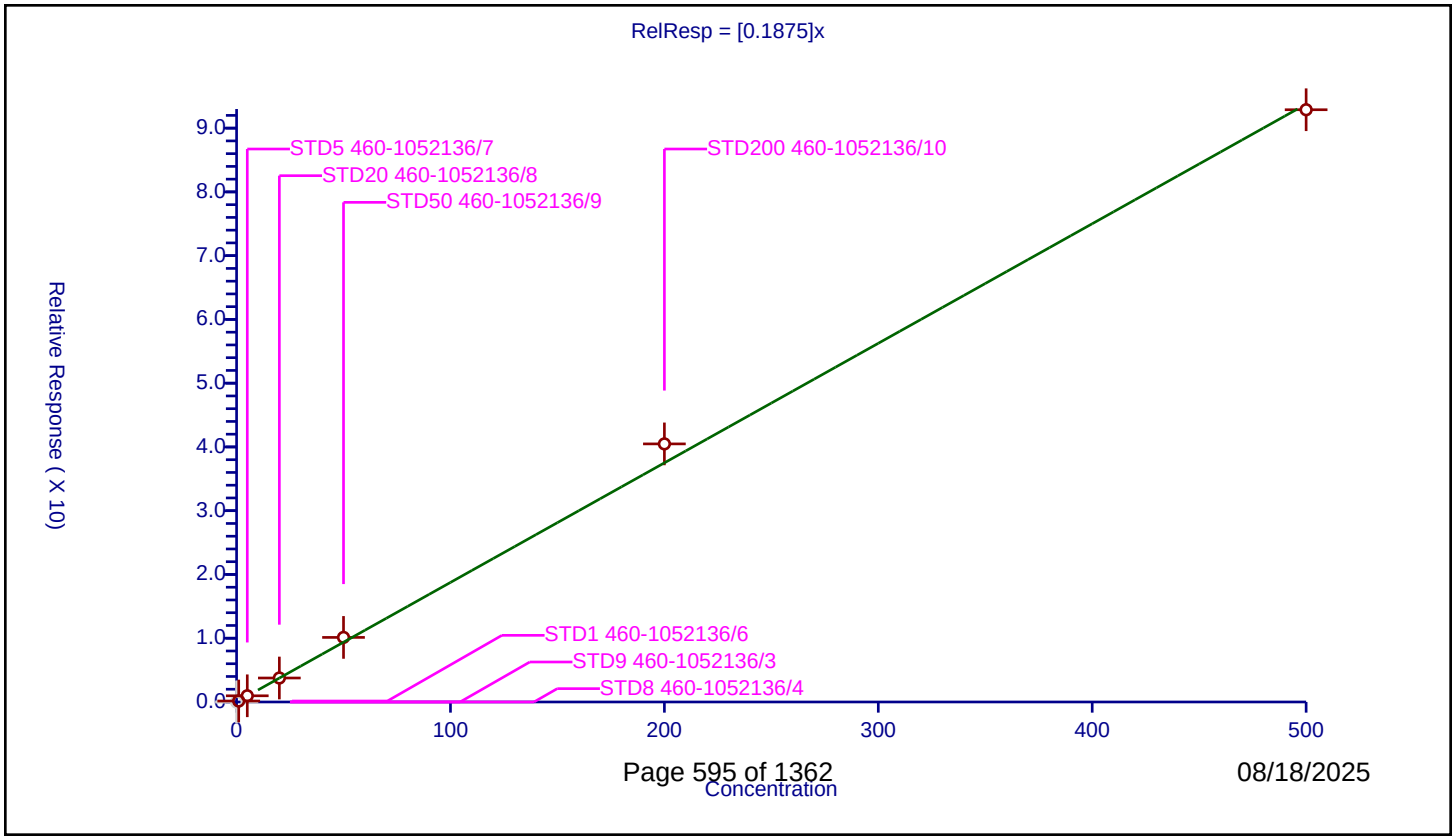
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1875 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.151824 | 50.0 | 328011.0 | 0.151824 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.973036 | 50.0 | 333184.0 | 0.194607 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 3.760073 | 50.0 | 320273.0 | 0.188004 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 10.126257 | 50.0 | 359427.0 | 0.202525 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 40.477683 | 50.0 | 392310.0 | 0.202388 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 92.885682 | 50.0 | 386931.0 | 0.185771 | Y |



## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

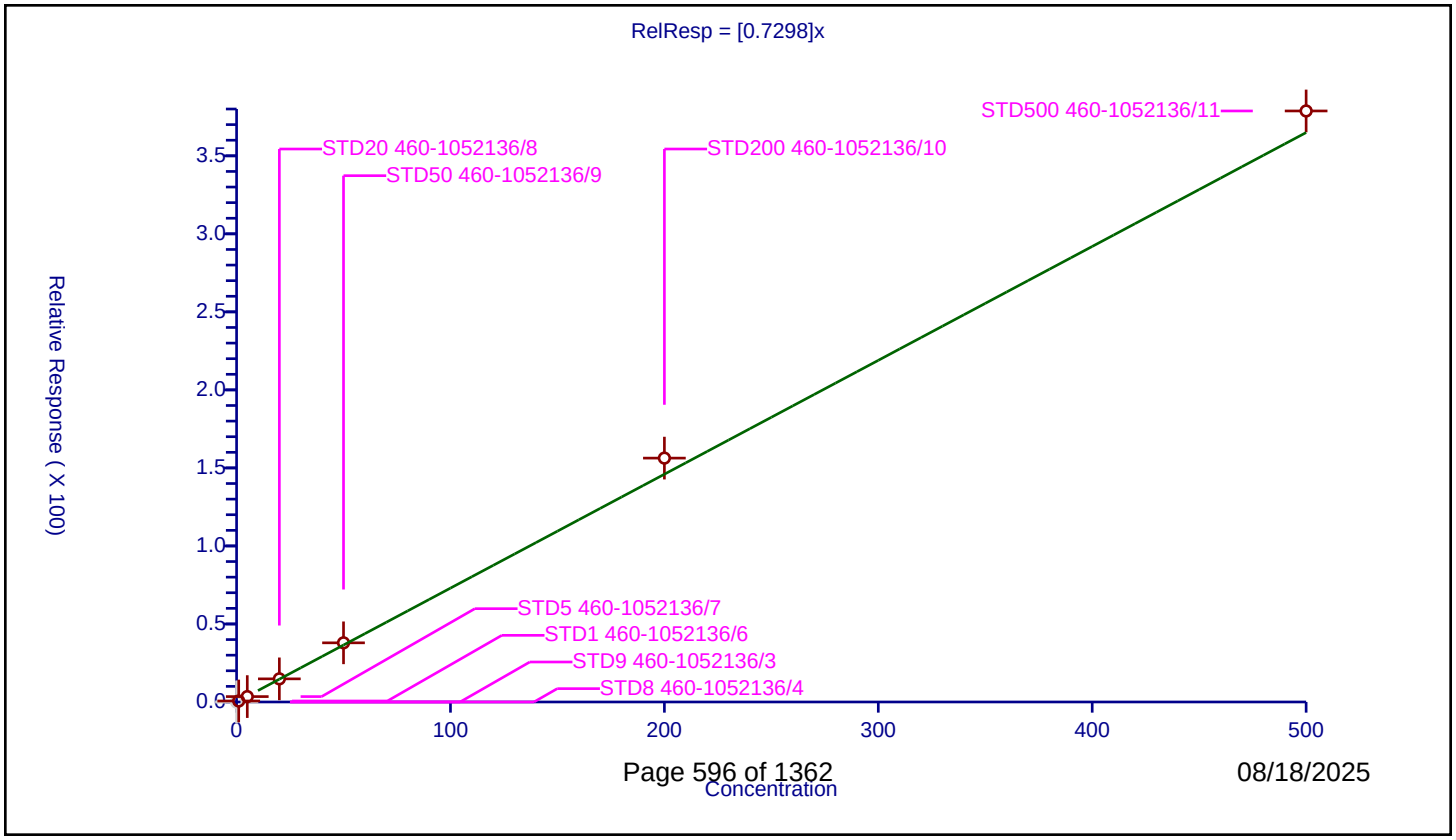
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7298 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.648301 | 50.0 | 328011.0 | 0.648301 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 3.461901 | 50.0 | 333184.0 | 0.69238 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 14.816578 | 50.0 | 320273.0 | 0.740829 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 37.919105 | 50.0 | 359427.0 | 0.758382 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 156.292728 | 50.0 | 392310.0 | 0.781464 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 378.758228 | 50.0 | 386931.0 | 0.757516 | Y |






08/18/2025

## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

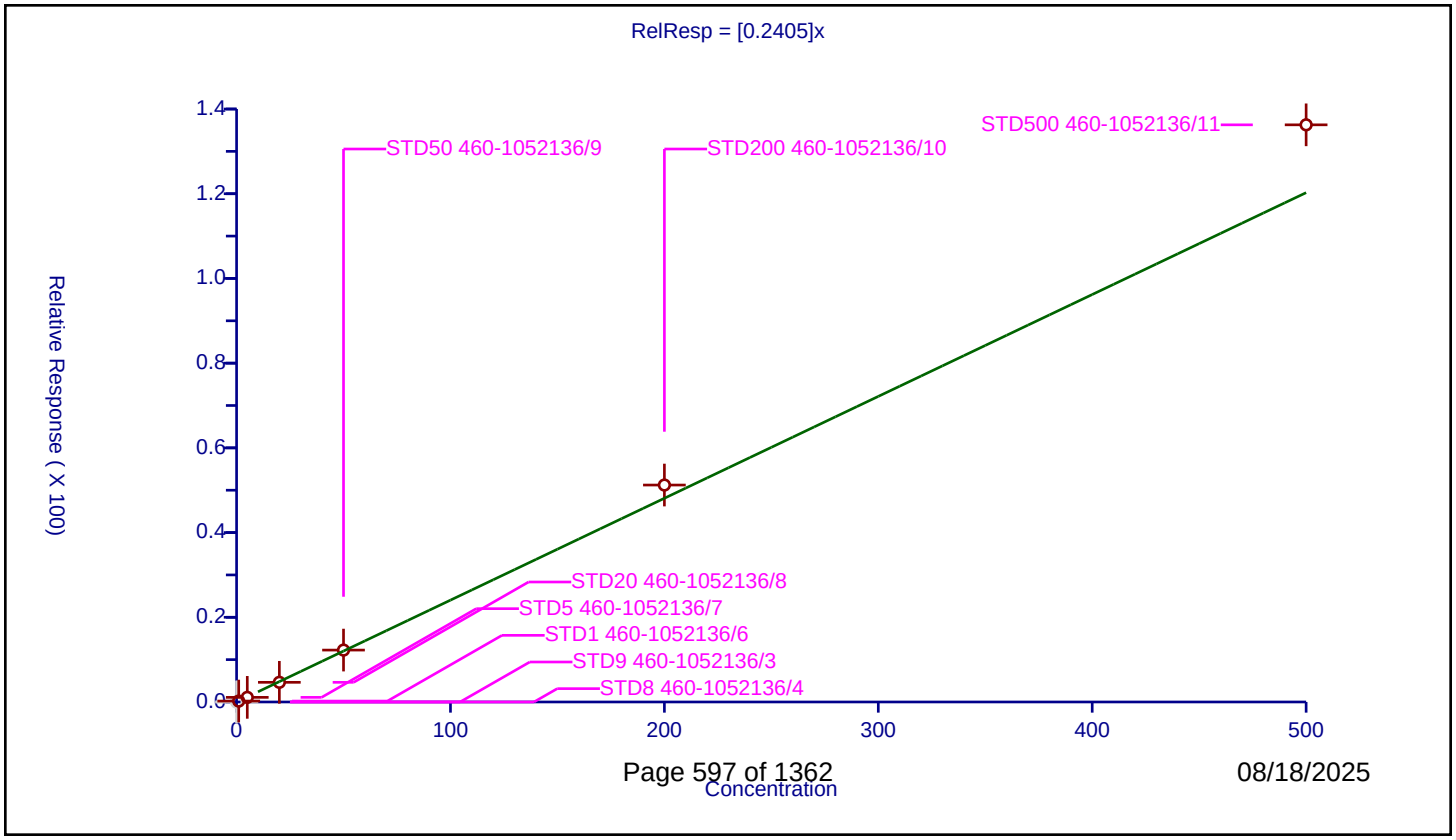
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2405 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.218895 | 50.0 | 328011.0 | 0.218895 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.090388 | 50.0 | 333184.0 | 0.218078 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.646192 | 50.0 | 320273.0 | 0.23231 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 12.252418 | 50.0 | 359427.0 | 0.245048 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 51.22161 | 50.0 | 392310.0 | 0.256108 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 136.268094 | 50.0 | 386931.0 | 0.272536 | 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 |

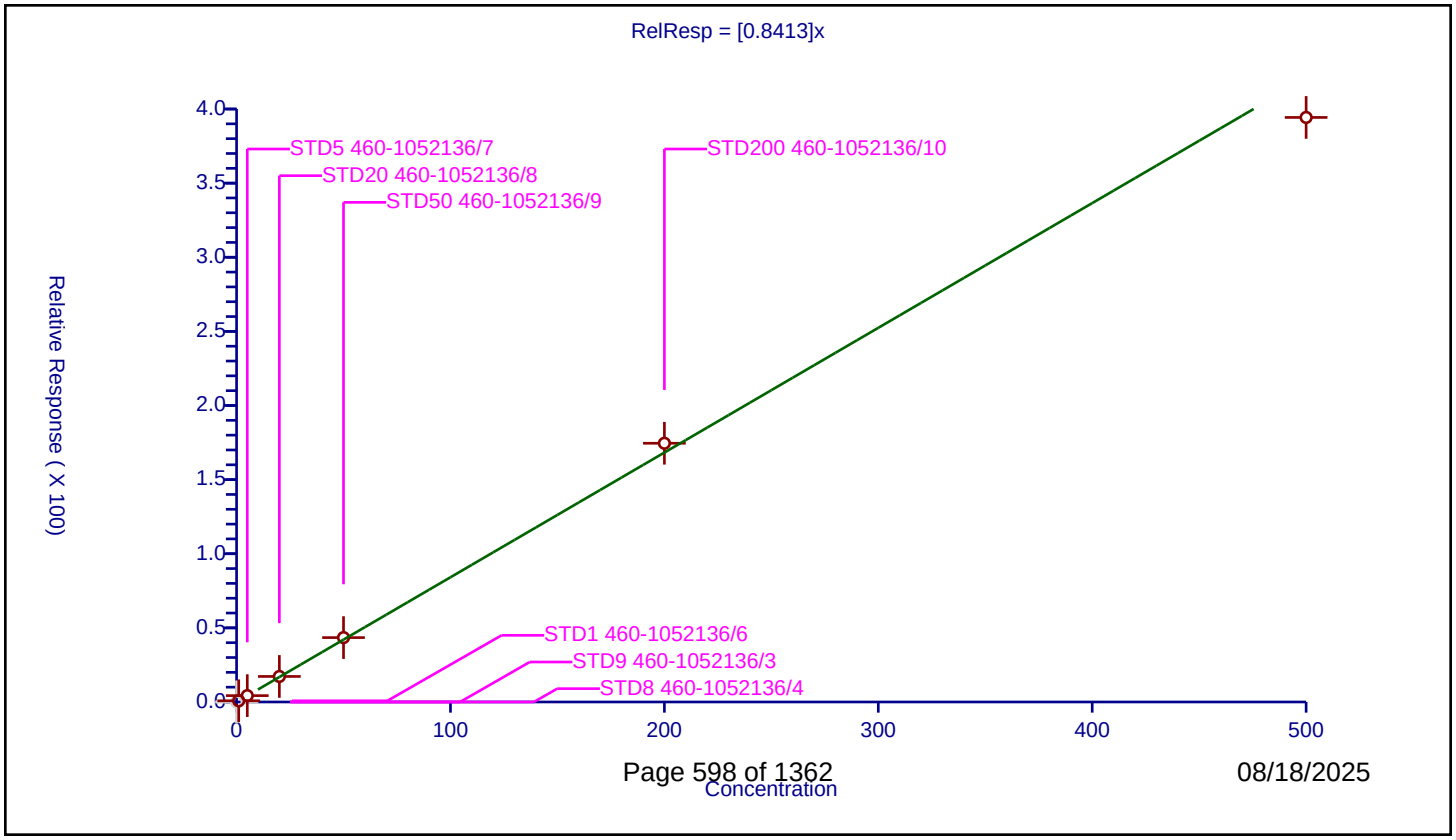
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8413 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.799143 | 50.0 | 153039.0 | 0.799143 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 4.289709 | 50.0 | 158076.0 | 0.857942 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 17.216998 | 50.0 | 139098.0 | 0.86085 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 43.42885 | 50.0 | 158123.0 | 0.868577 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 174.54015 | 50.0 | 166250.0 | 0.872701 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 394.313109 | 50.0 | 168695.0 | 0.788626 | Y |



## Calibration / (-)-a-Pinene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

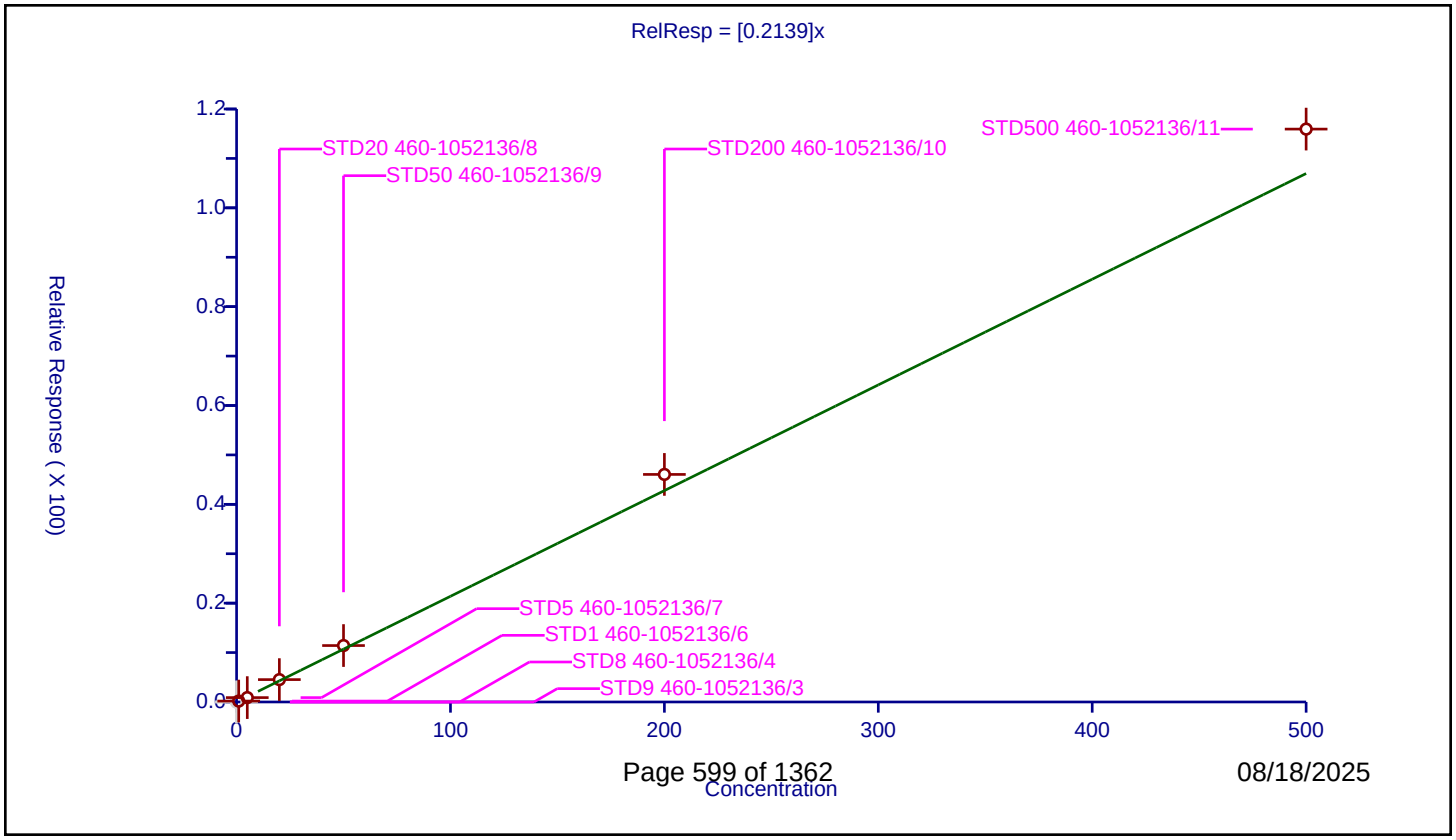
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2139 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 0.0 | 0.0 | 50.0 | 316792.0 | NaN | N |
| 2 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.188561 | 50.0 | 328011.0 | 0.188561 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.888698 | 50.0 | 333184.0 | 0.17774 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.529885 | 50.0 | 320273.0 | 0.226494 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 11.4204 | 50.0 | 359427.0 | 0.228408 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 46.050572 | 50.0 | 392310.0 | 0.230253 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 115.936433 | 50.0 | 386931.0 | 0.231873 | Y |



## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

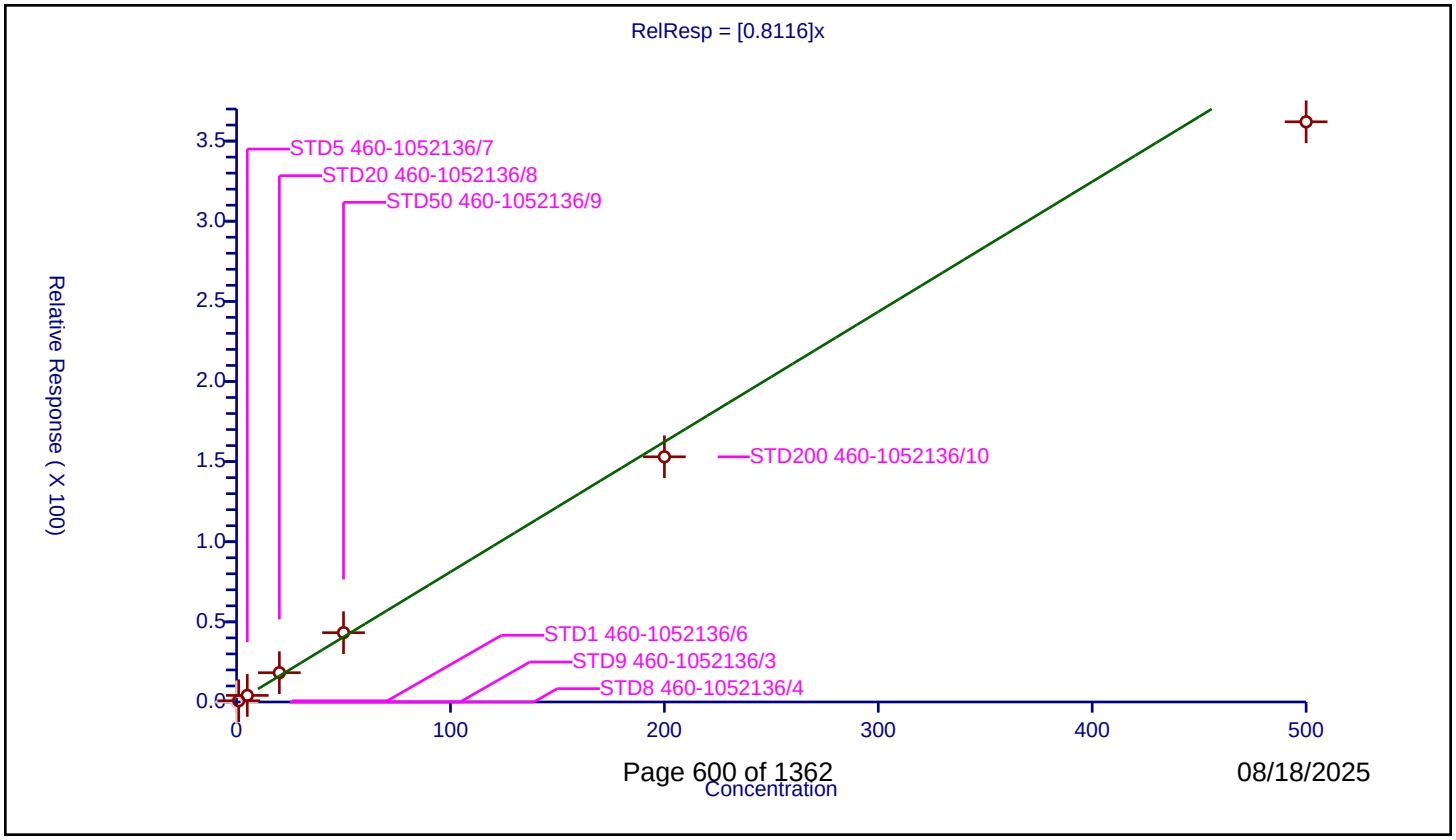
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8116 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 344073.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 316792.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.781224 | 50.0 | 328011.0 | 0.781224 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 4.103588 | 50.0 | 333184.0 | 0.820718 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 18.273005 | 50.0 | 320273.0 | 0.91365 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 43.255654 | 50.0 | 359427.0 | 0.865113 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 152.997884 | 50.0 | 392310.0 | 0.764989 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 362.035221 | 50.0 | 386931.0 | 0.72407 | Y |



## Calibration / 4-Bromofluorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

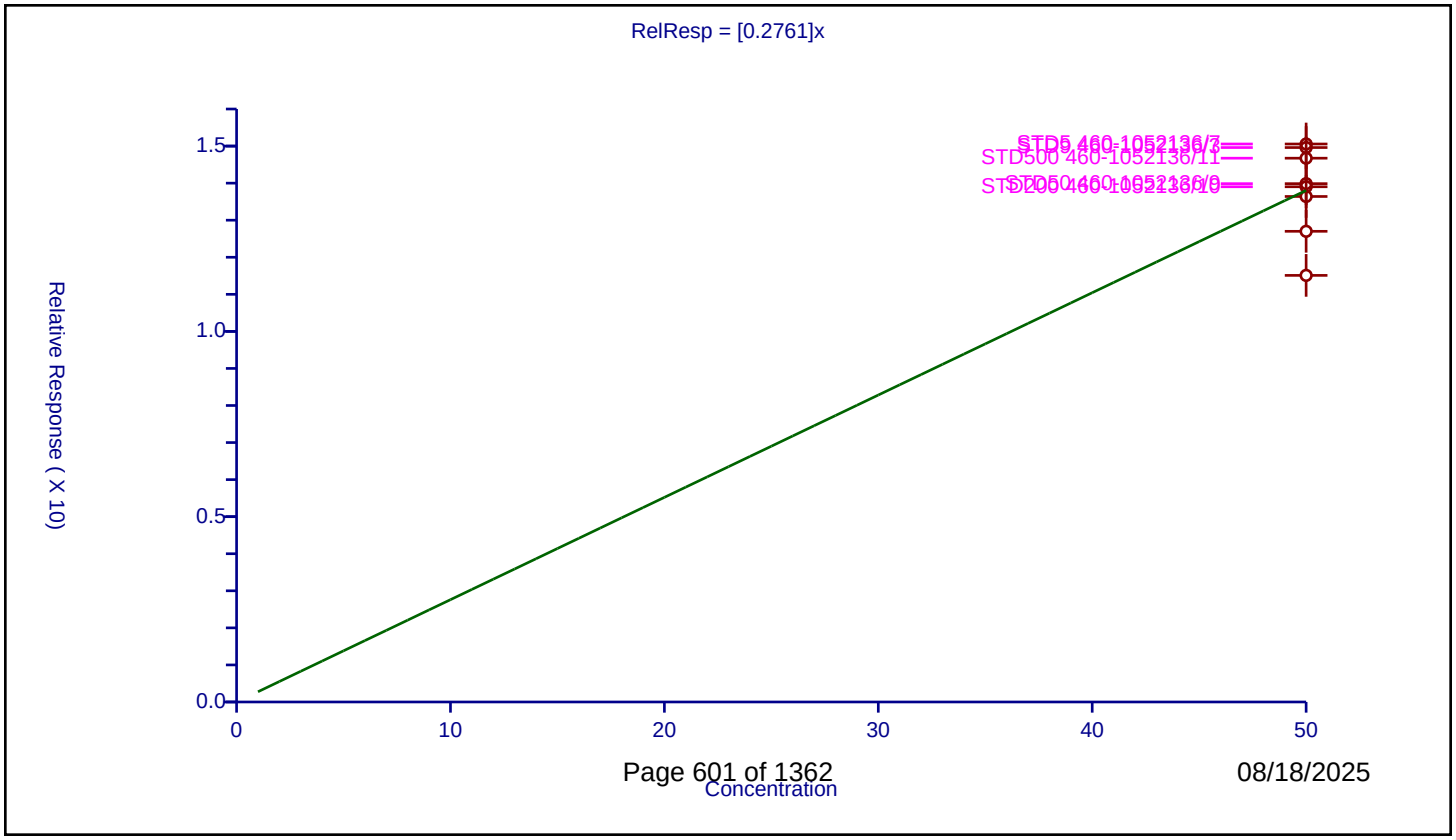
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2761 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD9 460-1052136/3 | 50.0 | 14.960289 | 50.0 | 316792.0 | 0.299206 | Y |
| 2 | STD8 460-1052136/4 | 50.0 | 12.700357 | 50.0 | 344073.0 | 0.254007 | Y |
| 3 | STD1 460-1052136/6 | 50.0 | 13.639634 | 50.0 | 328011.0 | 0.272793 | Y |
| 4 | STD5 460-1052136/7 | 50.0 | 15.056095 | 50.0 | 333184.0 | 0.301122 | Y |
| 5 | STD20 460-1052136/8 | 50.0 | 11.510649 | 50.0 | 320273.0 | 0.230213 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 13.986289 | 50.0 | 359427.0 | 0.279726 | Y |
| 7 | STD200 460-1052136/10 | 50.0 | 13.901761 | 50.0 | 392310.0 | 0.278035 | Y |
| 8 | STD500 460-1052136/11 | 50.0 | 14.673288 | 50.0 | 386931.0 | 0.293466 | Y |



## Calibration / Bromobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

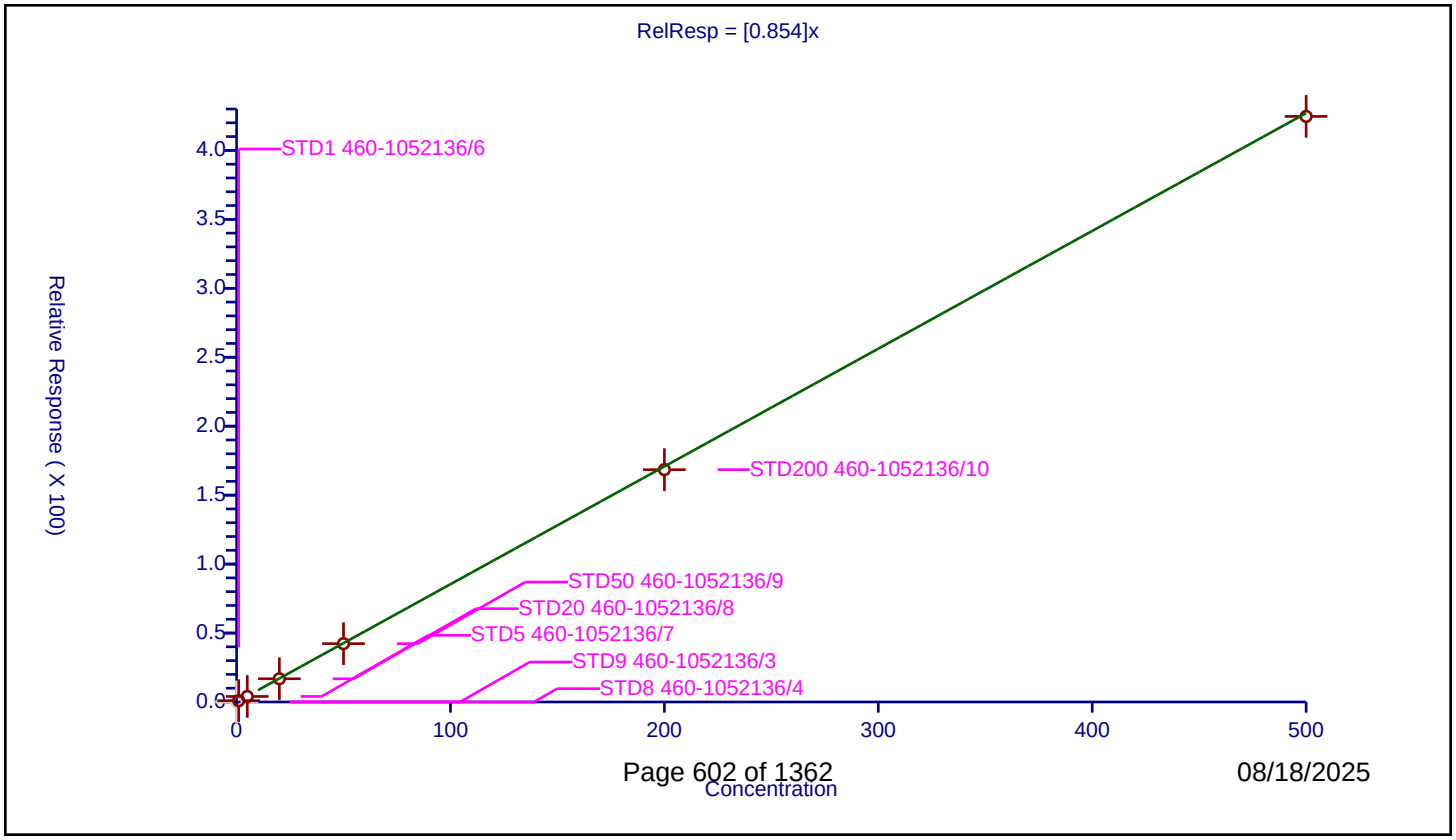
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.854 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.94257 | 50.0 | 153039.0 | 0.94257 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 4.010729 | 50.0 | 158076.0 | 0.802146 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 16.833815 | 50.0 | 139098.0 | 0.841691 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 42.294606 | 50.0 | 158123.0 | 0.845892 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 168.472782 | 50.0 | 166250.0 | 0.842364 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 424.641513 | 50.0 | 168695.0 | 0.849283 | Y |



## Calibration / 1,1,2,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

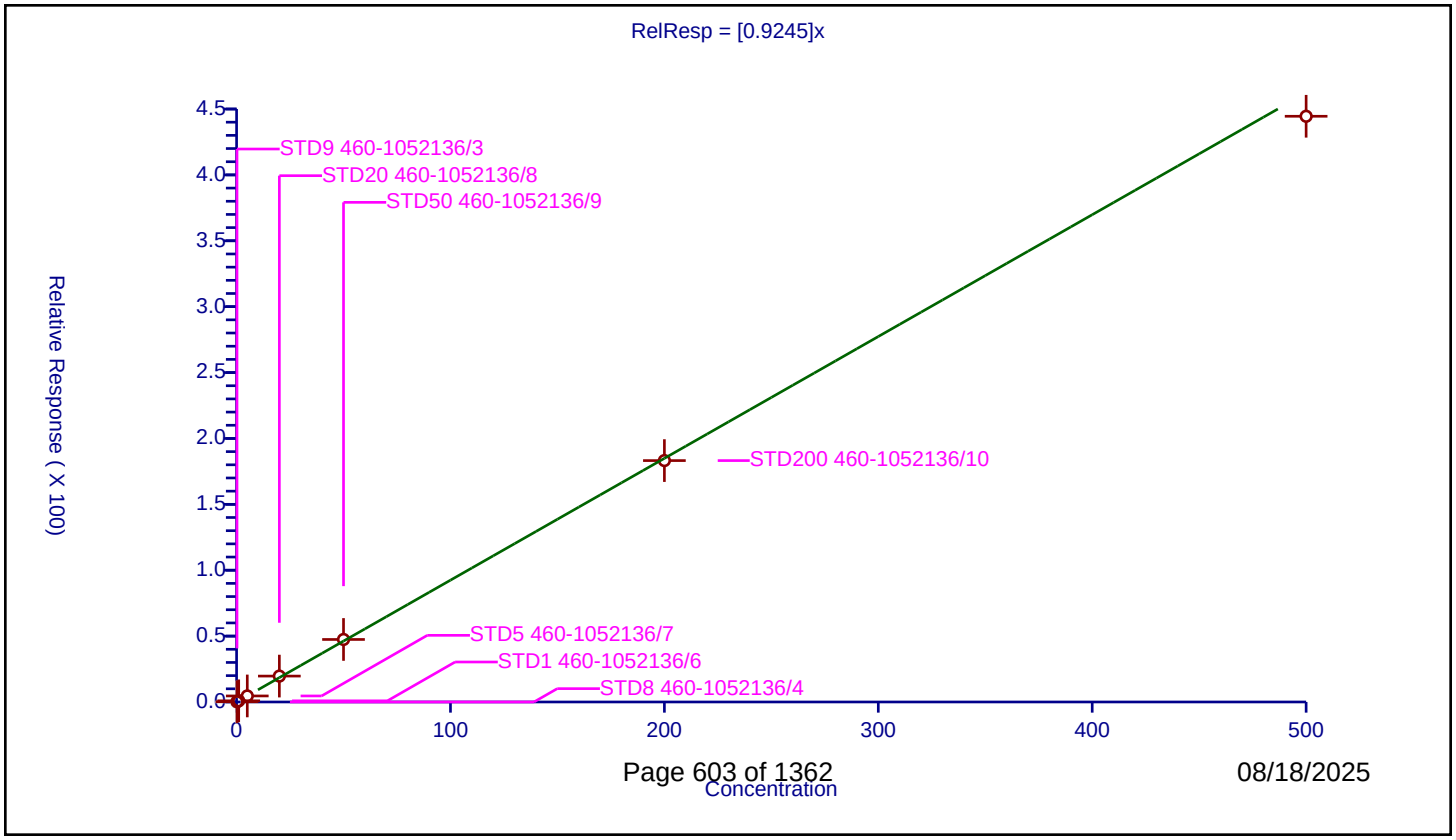
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9245 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.186649 | 50.0 | 148943.0 | 0.933243 | Y |
| 3 | STD1 460-1052136/6 | 1.0 | 0.883108 | 50.0 | 153039.0 | 0.883108 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 4.591146 | 50.0 | 158076.0 | 0.918229 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 19.657004 | 50.0 | 139098.0 | 0.98285 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 47.436489 | 50.0 | 158123.0 | 0.94873 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 183.203008 | 50.0 | 166250.0 | 0.916015 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 444.492427 | 50.0 | 168695.0 | 0.888985 | Y |



## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

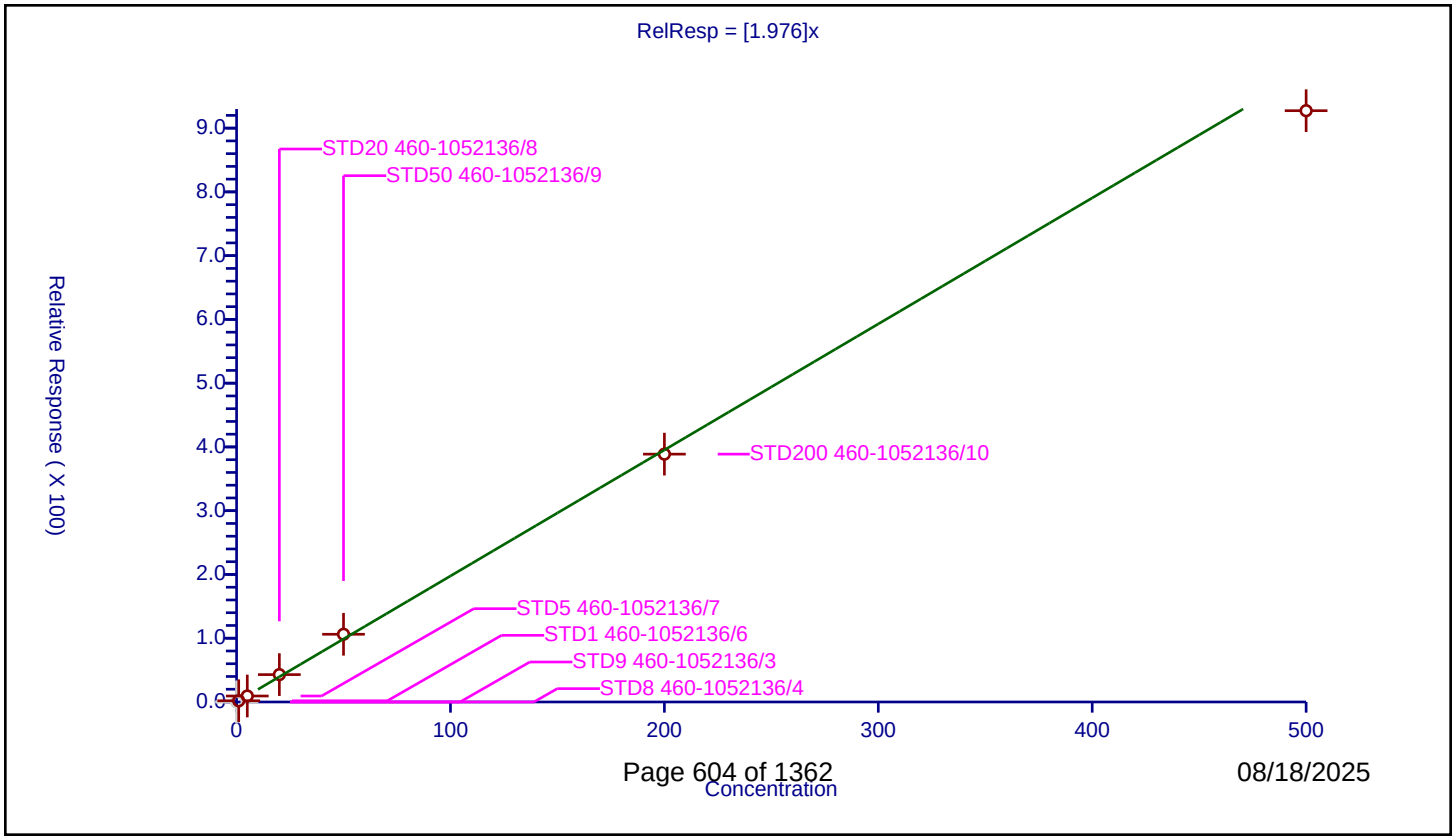
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.976 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.910297 | 50.0 | 153039.0 | 1.910297 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 9.393267 | 50.0 | 158076.0 | 1.878653 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 42.933759 | 50.0 | 139098.0 | 2.146688 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 106.19581 | 50.0 | 158123.0 | 2.123916 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 388.710075 | 50.0 | 166250.0 | 1.94355 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 927.366549 | 50.0 | 168695.0 | 1.854733 | 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 |

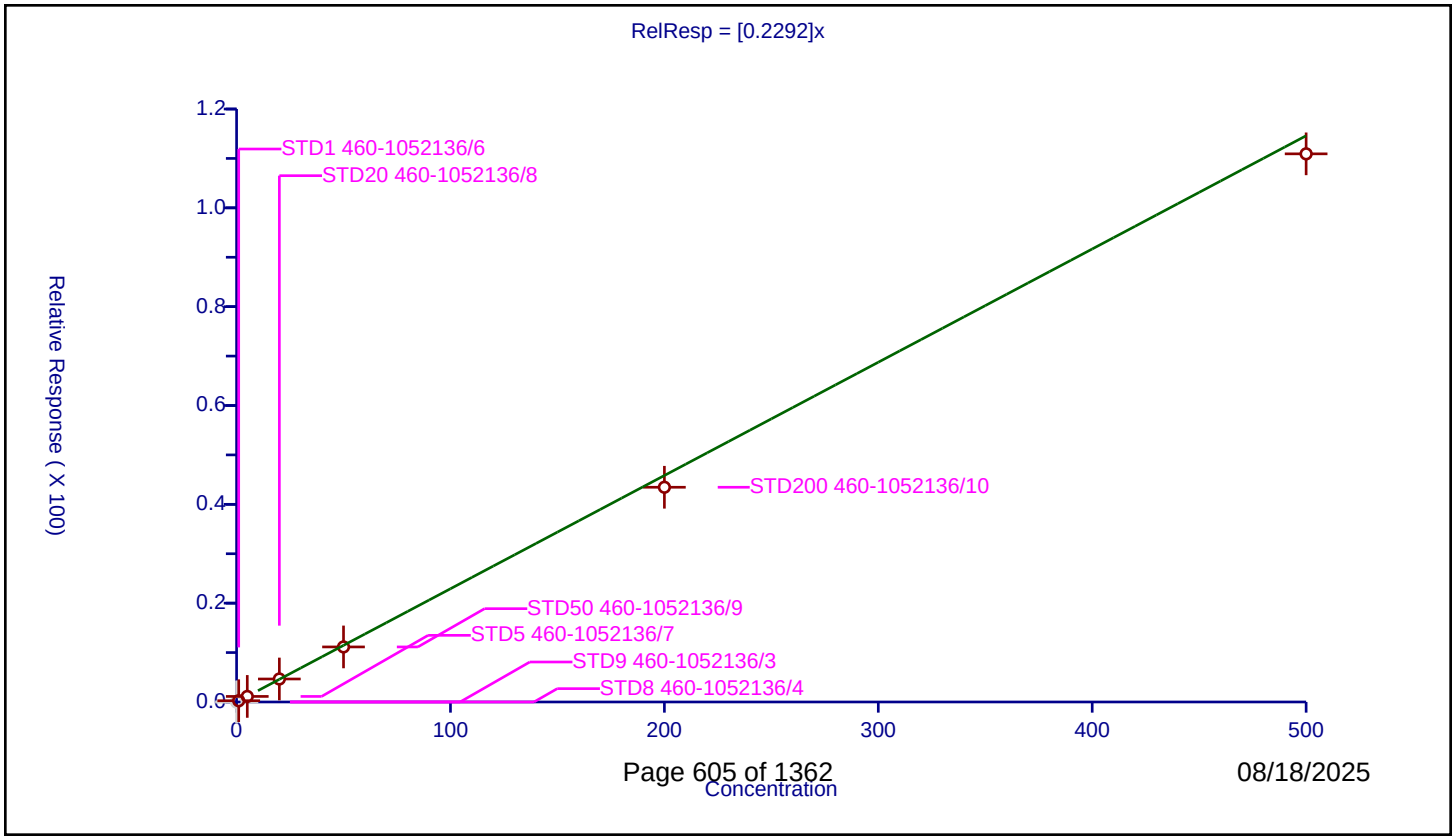
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2292 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.255164 | 50.0 | 153039.0 | 0.255164 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.126357 | 50.0 | 158076.0 | 0.225271 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.653913 | 50.0 | 139098.0 | 0.232696 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 11.141327 | 50.0 | 158123.0 | 0.222827 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 43.456241 | 50.0 | 166250.0 | 0.217281 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 110.928006 | 50.0 | 168695.0 | 0.221856 | 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 |

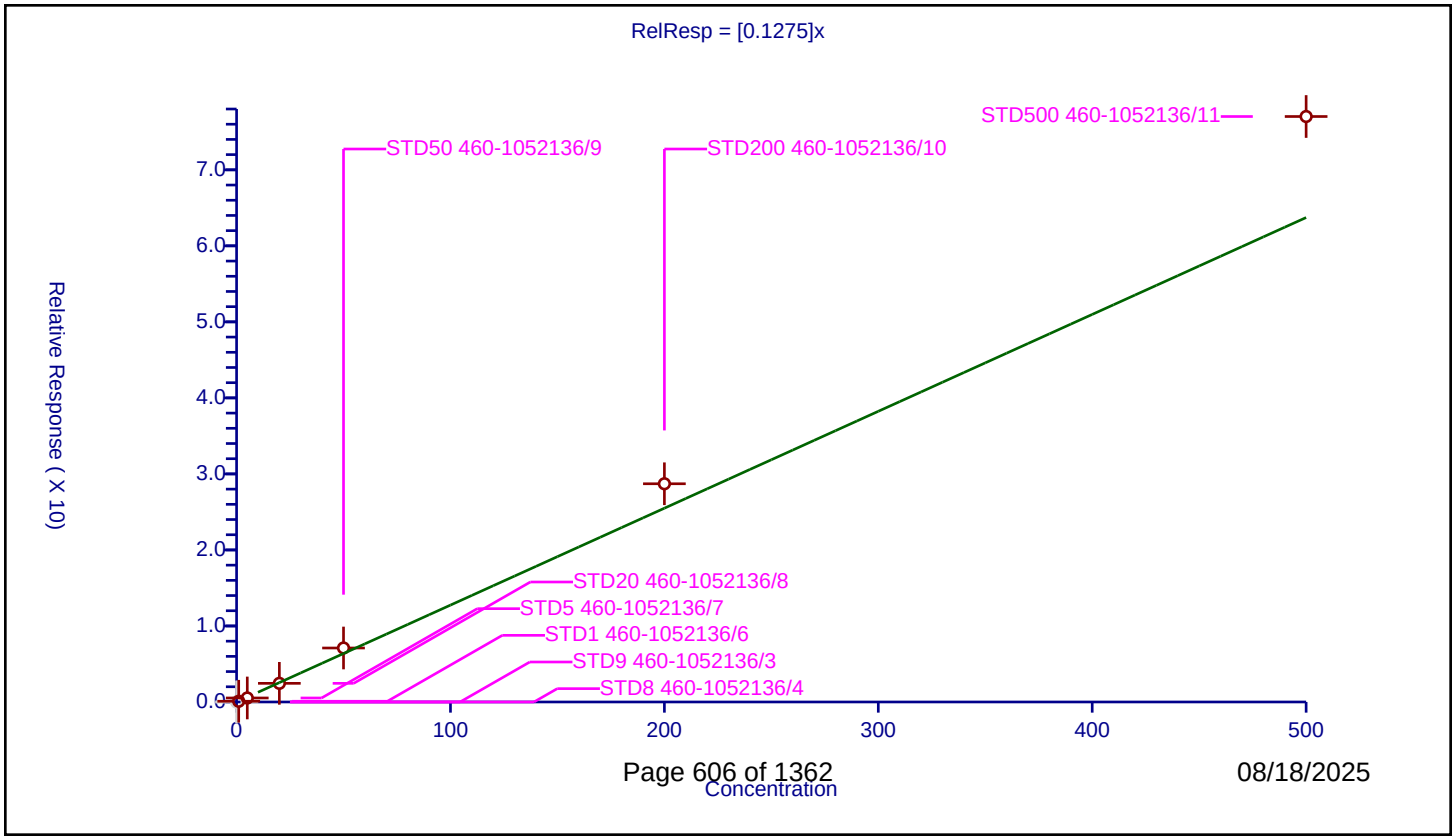
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1275 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.096707 | 50.0 | 153039.0 | 0.096707 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.528543 | 50.0 | 158076.0 | 0.105709 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 2.453666 | 50.0 | 139098.0 | 0.122683 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 7.102066 | 50.0 | 158123.0 | 0.142041 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 28.706466 | 50.0 | 166250.0 | 0.143532 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 77.014138 | 50.0 | 168695.0 | 0.154028 | Y |



## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

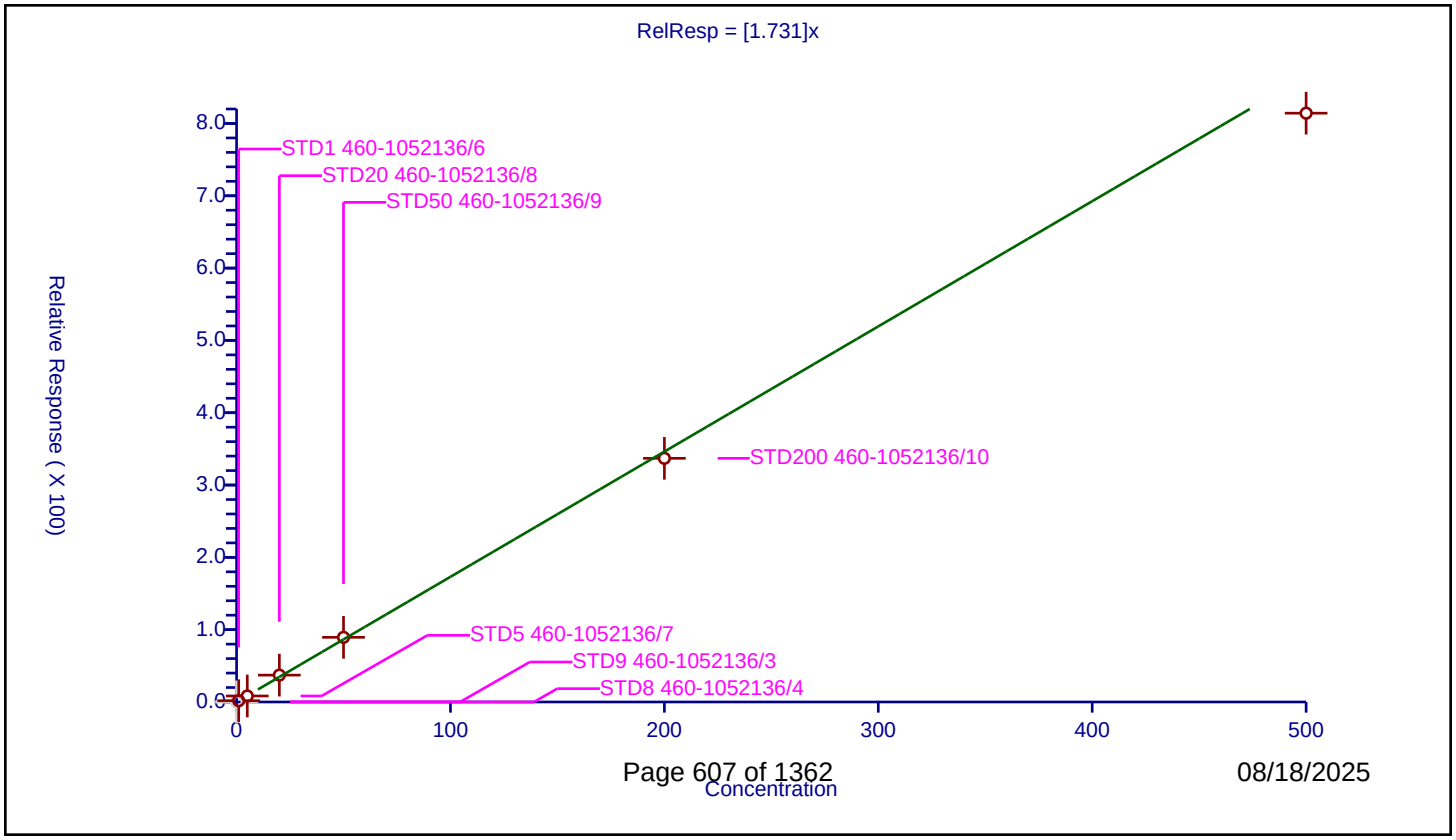
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.731 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.76491 | 50.0 | 153039.0 | 1.76491 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 8.315937 | 50.0 | 158076.0 | 1.663187 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 37.165164 | 50.0 | 139098.0 | 1.858258 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 89.399708 | 50.0 | 158123.0 | 1.787994 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 336.955789 | 50.0 | 166250.0 | 1.684779 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 814.255016 | 50.0 | 168695.0 | 1.62851 | Y |



## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

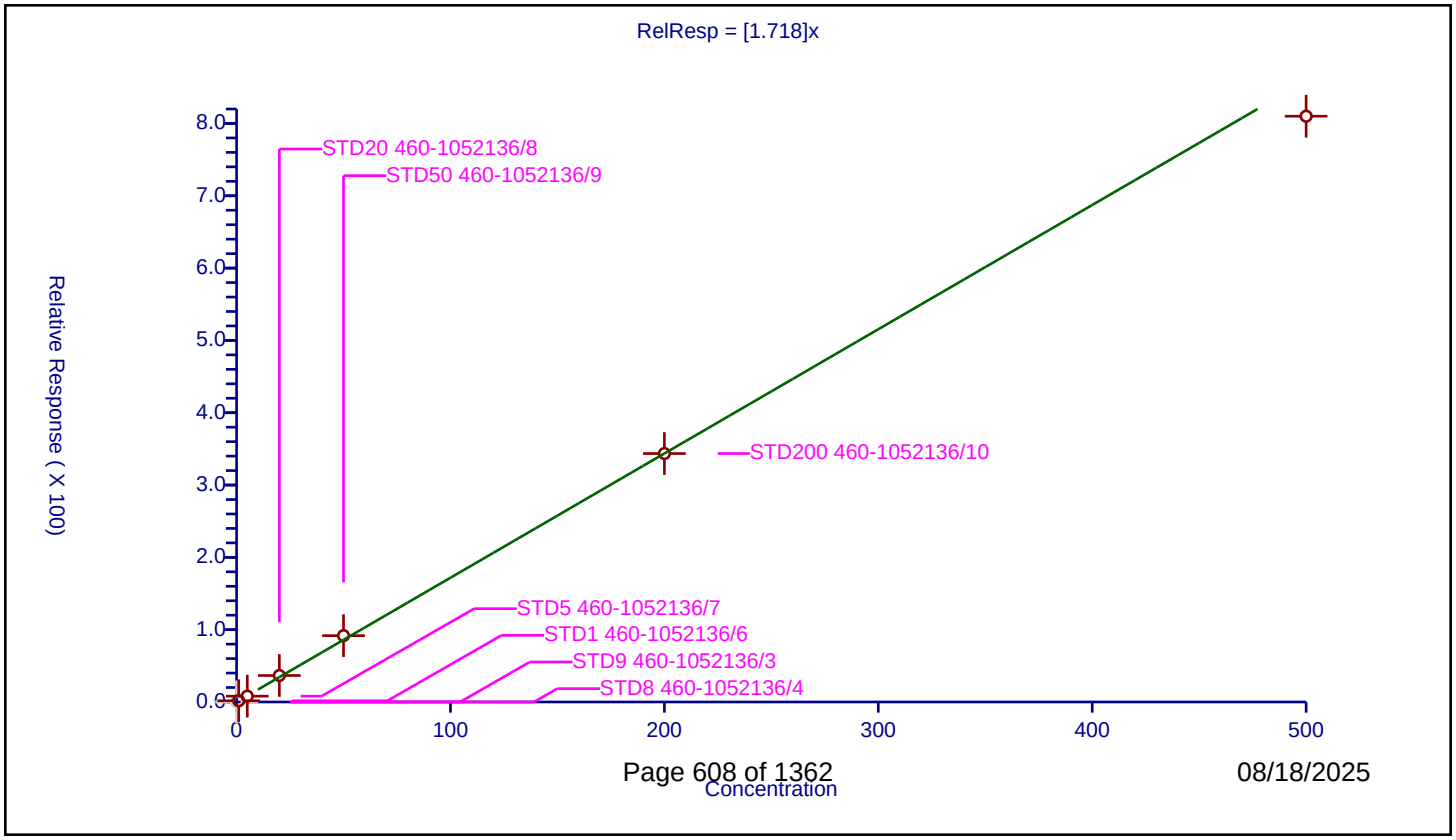
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.718 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.693359 | 50.0 | 153039.0 | 1.693359 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 8.057517 | 50.0 | 158076.0 | 1.611503 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 36.628852 | 50.0 | 139098.0 | 1.831443 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 91.718156 | 50.0 | 158123.0 | 1.834363 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 343.569624 | 50.0 | 166250.0 | 1.717848 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 810.034382 | 50.0 | 168695.0 | 1.620069 | 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 |

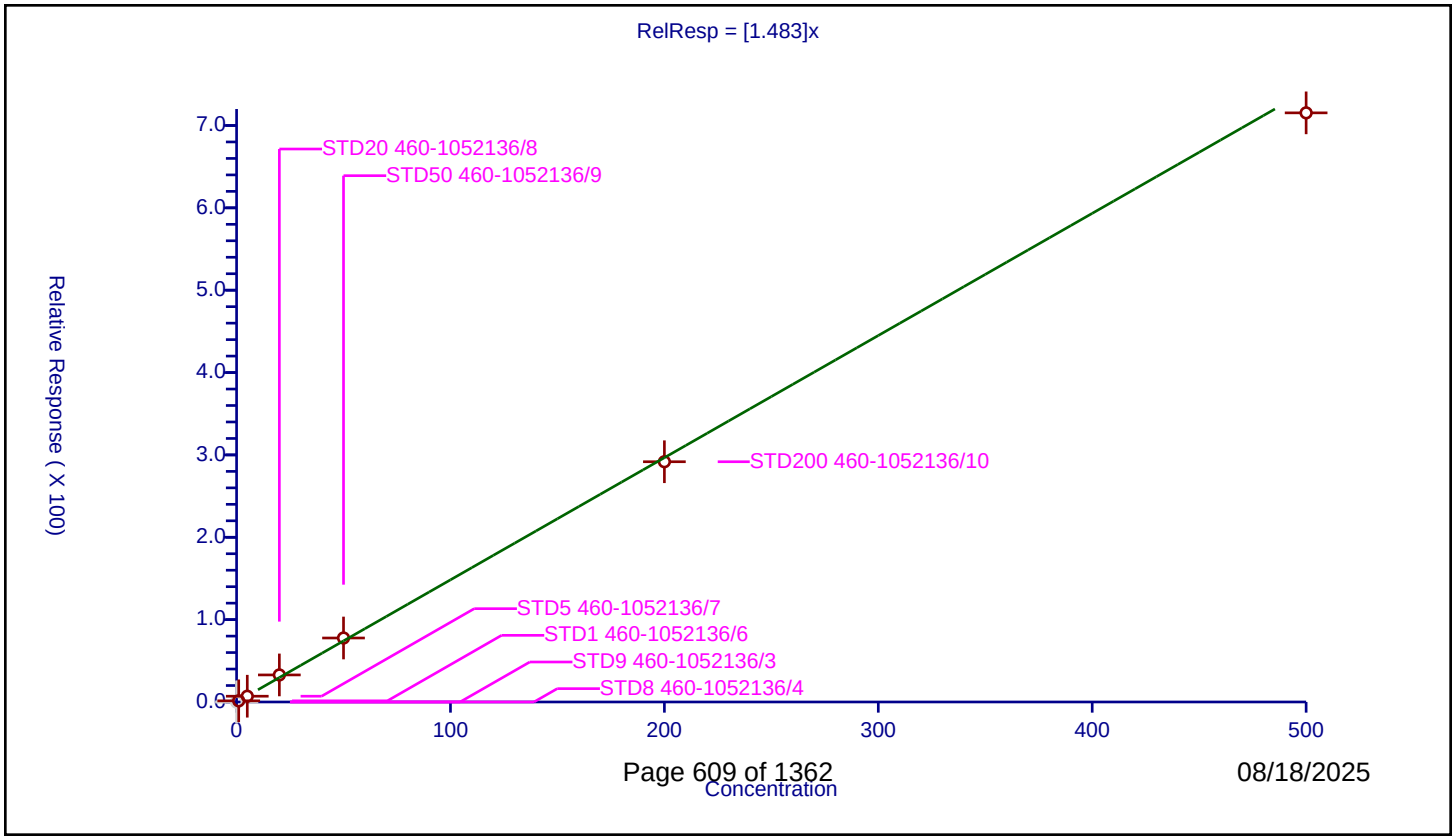
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.483 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.412058 | 50.0 | 153039.0 | 1.412058 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 7.005175 | 50.0 | 158076.0 | 1.401035 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 32.863161 | 50.0 | 139098.0 | 1.643158 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 77.701536 | 50.0 | 158123.0 | 1.554031 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 291.713985 | 50.0 | 166250.0 | 1.45857 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 715.336851 | 50.0 | 168695.0 | 1.430674 | Y |



## Calibration / 4-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

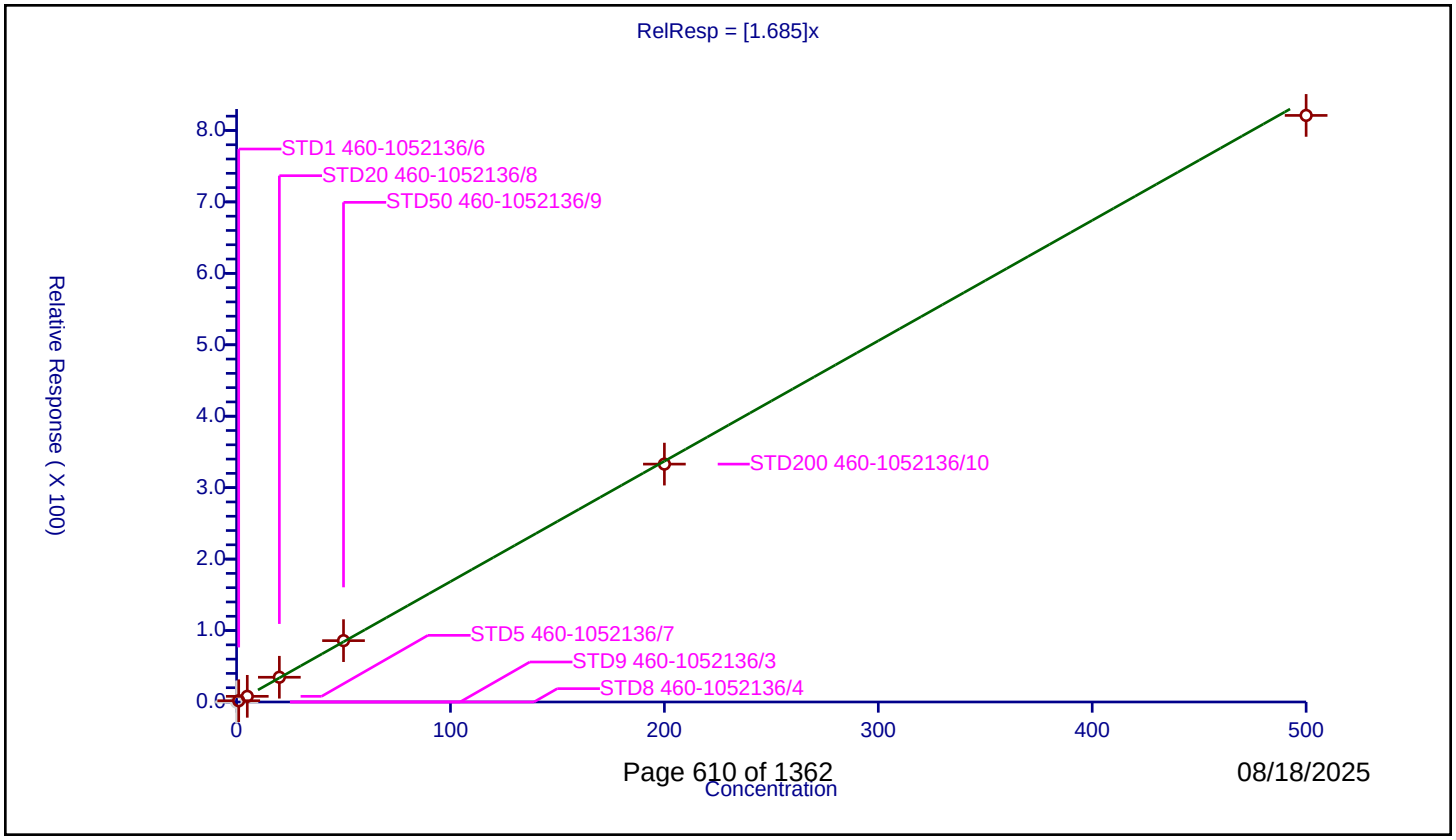
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.685 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.768177 | 50.0 | 153039.0 | 1.768177 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 7.936056 | 50.0 | 158076.0 | 1.587211 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 34.638528 | 50.0 | 139098.0 | 1.731926 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 85.868912 | 50.0 | 158123.0 | 1.717378 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 332.958797 | 50.0 | 166250.0 | 1.664794 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 821.031447 | 50.0 | 168695.0 | 1.642063 | Y |



## Calibration / Butyl Methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

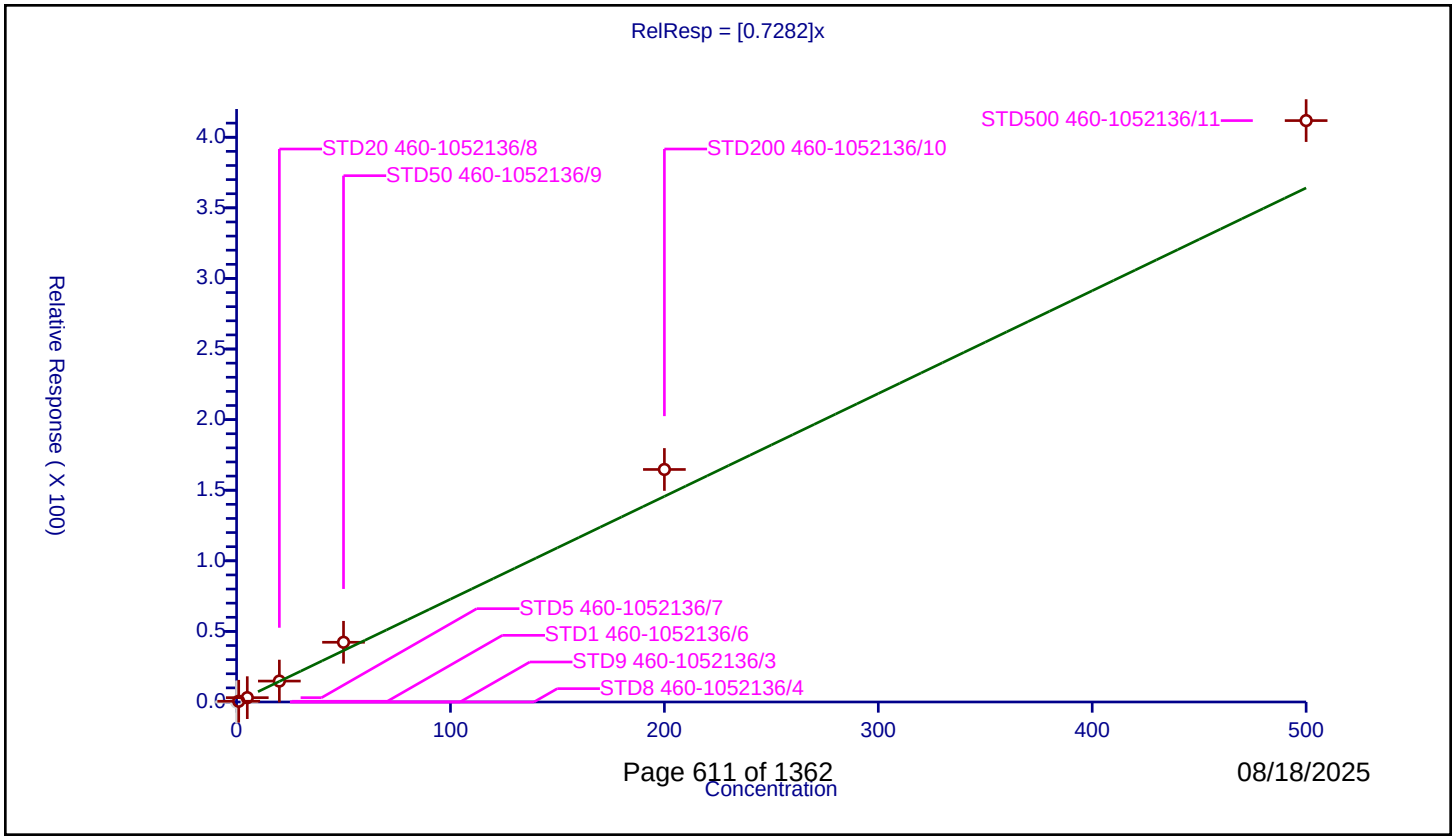
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7282 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.523396 | 50.0 | 153039.0 | 0.523396 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 3.060869 | 50.0 | 158076.0 | 0.612174 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 14.810421 | 50.0 | 139098.0 | 0.740521 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 42.301246 | 50.0 | 158123.0 | 0.846025 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 164.697444 | 50.0 | 166250.0 | 0.823487 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 411.794955 | 50.0 | 168695.0 | 0.82359 | Y |






08/18/2025

## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

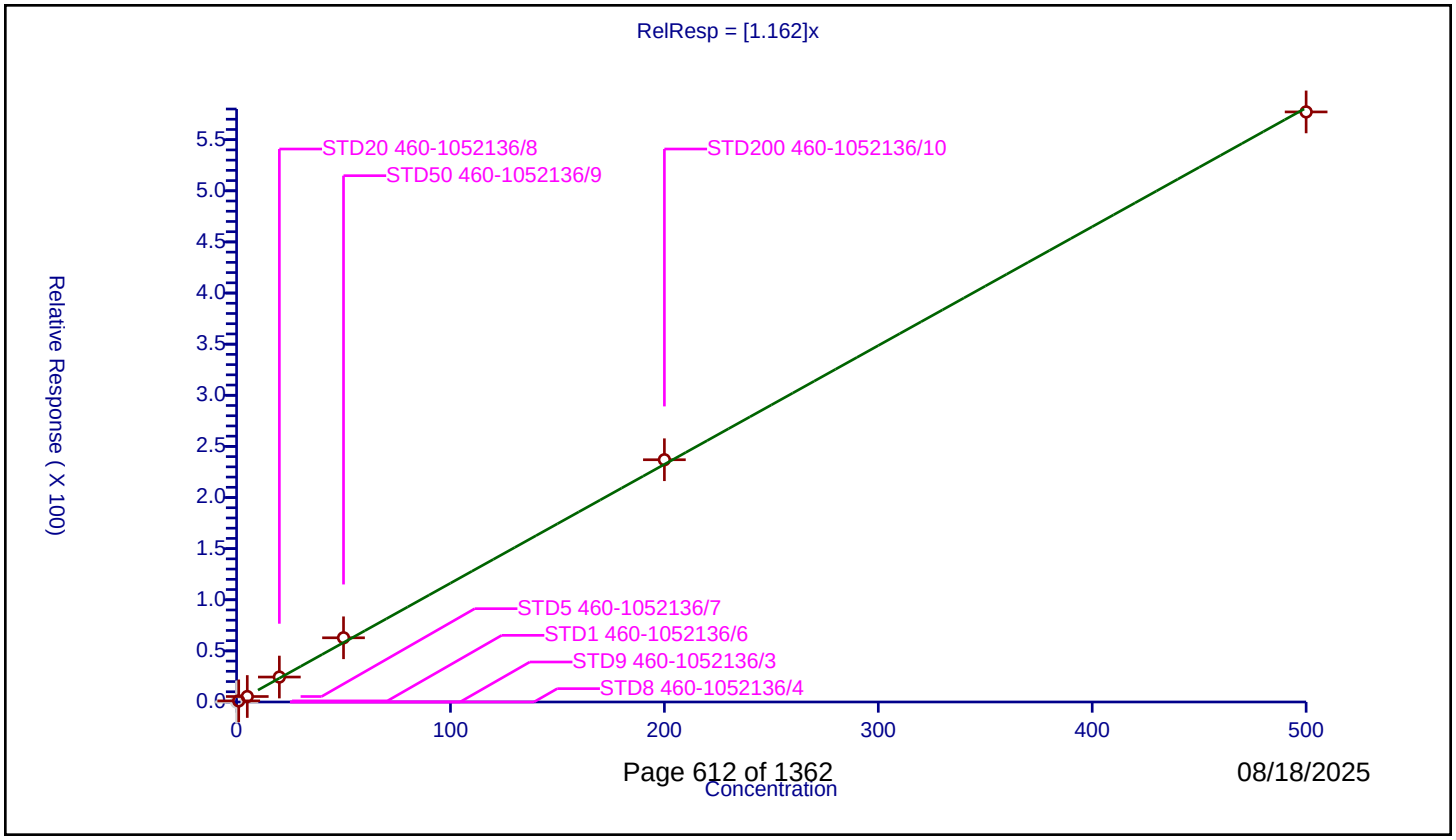
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.162 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.087631 | 50.0 | 153039.0 | 1.087631 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 5.355019 | 50.0 | 158076.0 | 1.071004 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 24.392515 | 50.0 | 139098.0 | 1.219626 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 62.79447 | 50.0 | 158123.0 | 1.255889 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 236.940451 | 50.0 | 166250.0 | 1.184702 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 577.16026 | 50.0 | 168695.0 | 1.154321 | 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 |

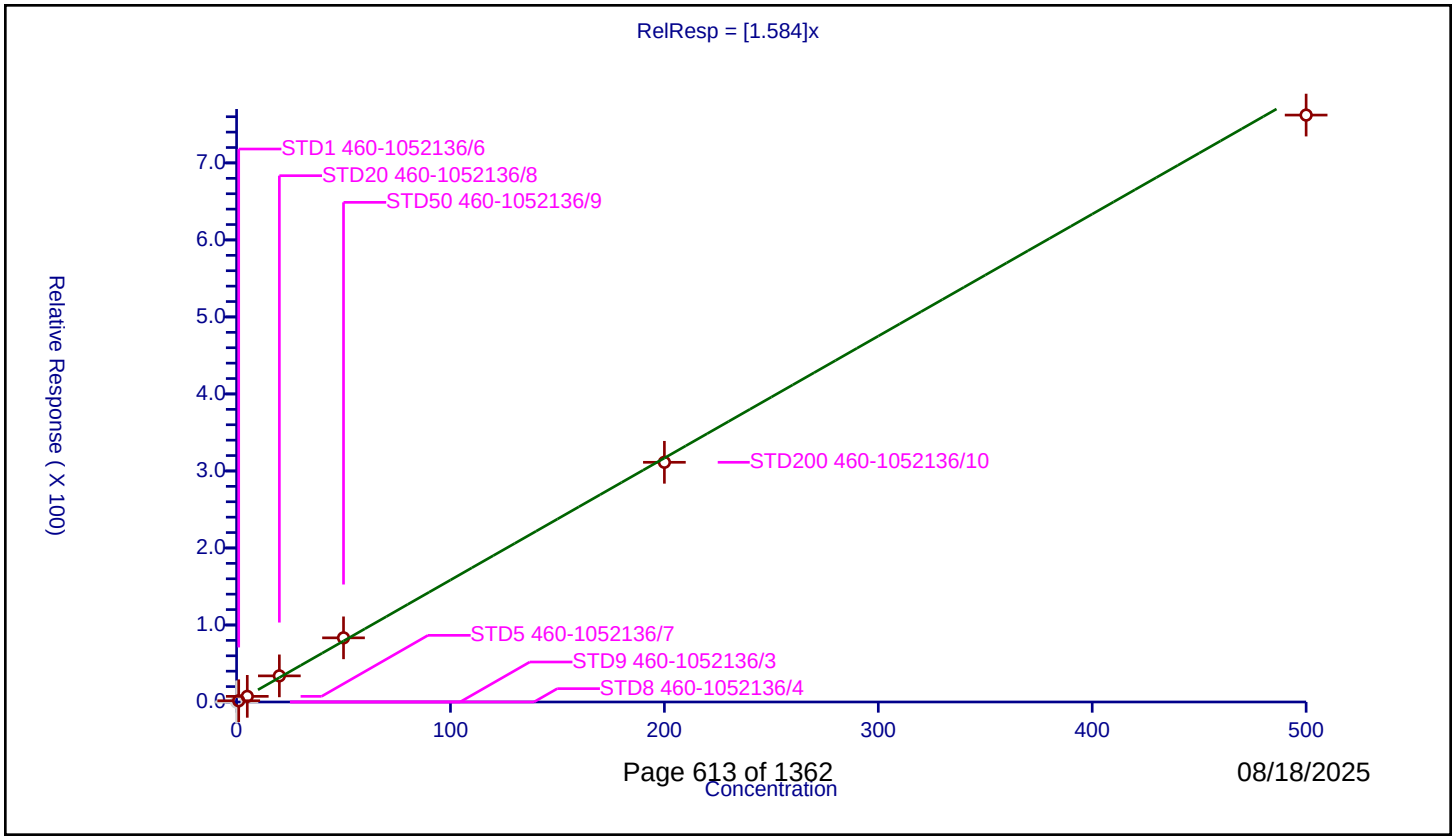
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.584 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.594365 | 50.0 | 153039.0 | 1.594365 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 7.330335 | 50.0 | 158076.0 | 1.466067 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 33.91997 | 50.0 | 139098.0 | 1.695999 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 83.298129 | 50.0 | 158123.0 | 1.665963 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 311.236692 | 50.0 | 166250.0 | 1.556183 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 762.144995 | 50.0 | 168695.0 | 1.52429 | Y |



## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

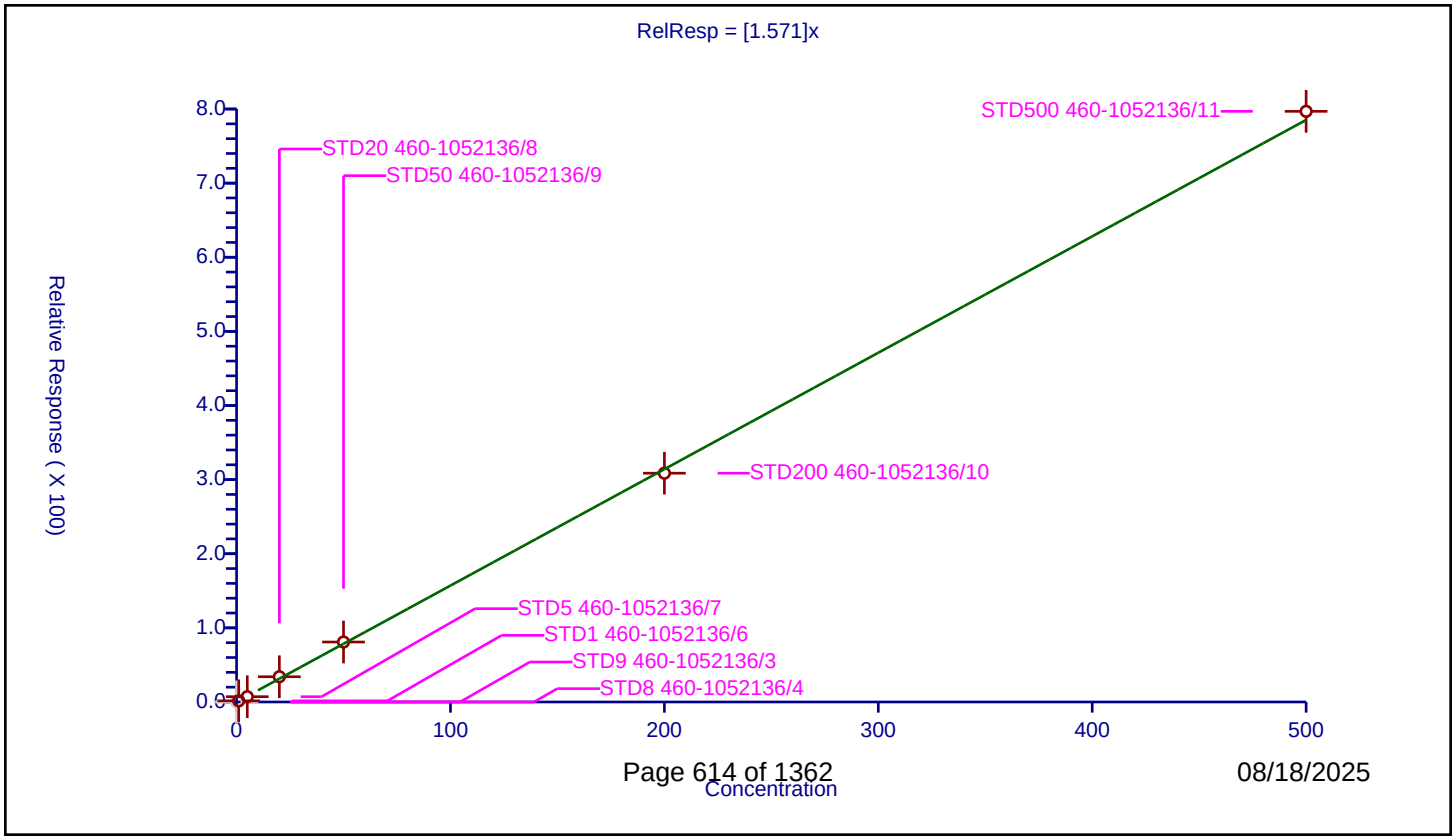
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.571 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.539804 | 50.0 | 153039.0 | 1.539804 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 7.131696 | 50.0 | 158076.0 | 1.426339 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 34.045421 | 50.0 | 139098.0 | 1.702271 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 80.880391 | 50.0 | 158123.0 | 1.617608 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 308.666466 | 50.0 | 166250.0 | 1.543332 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 796.870387 | 50.0 | 168695.0 | 1.593741 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

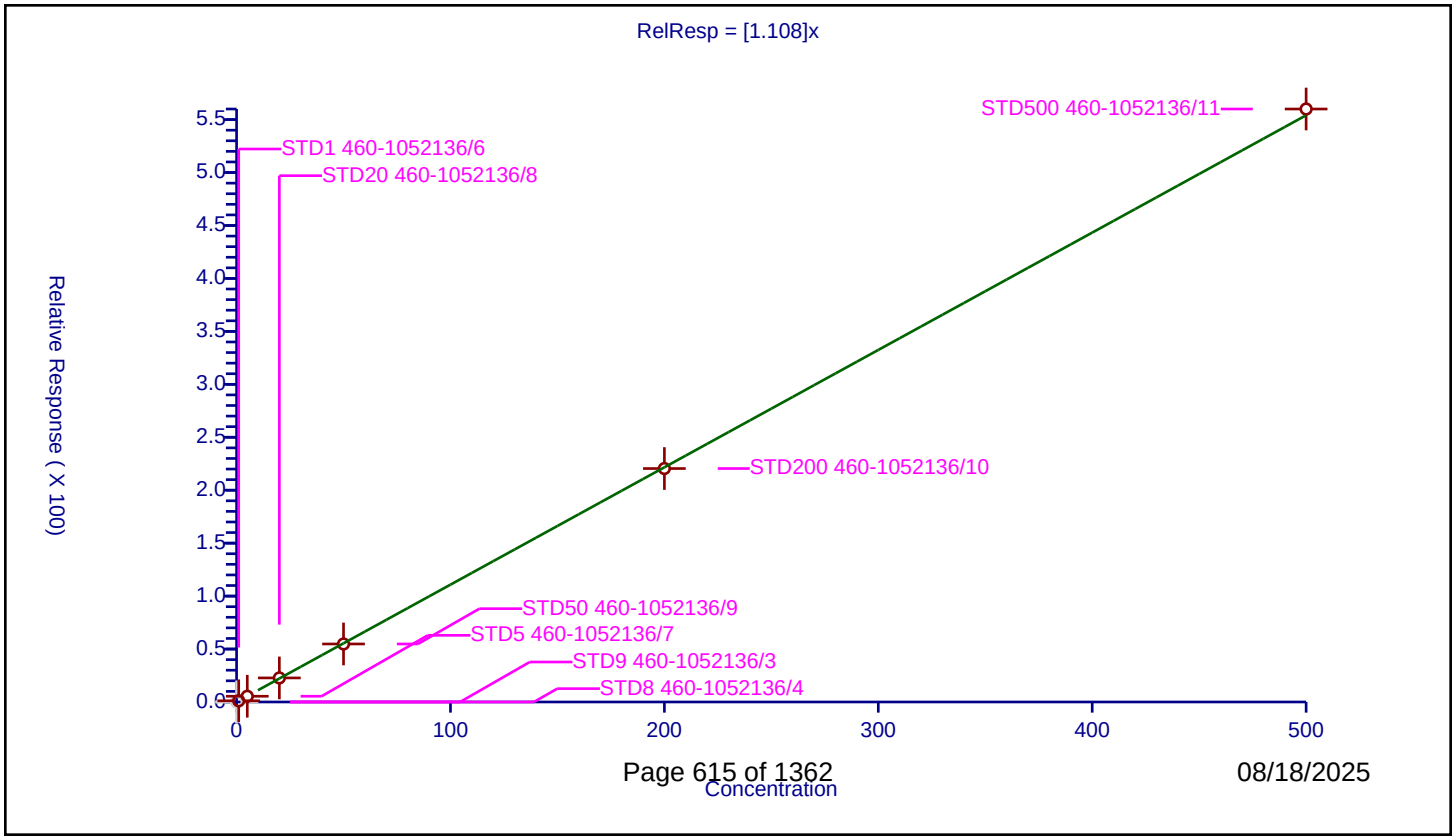
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.108 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.111155 | 50.0 | 153039.0 | 1.111155 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 5.421127 | 50.0 | 158076.0 | 1.084225 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 22.715999 | 50.0 | 139098.0 | 1.1358 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 54.77761 | 50.0 | 158123.0 | 1.095552 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 220.476391 | 50.0 | 166250.0 | 1.102382 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 559.991701 | 50.0 | 168695.0 | 1.119983 | Y |



## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

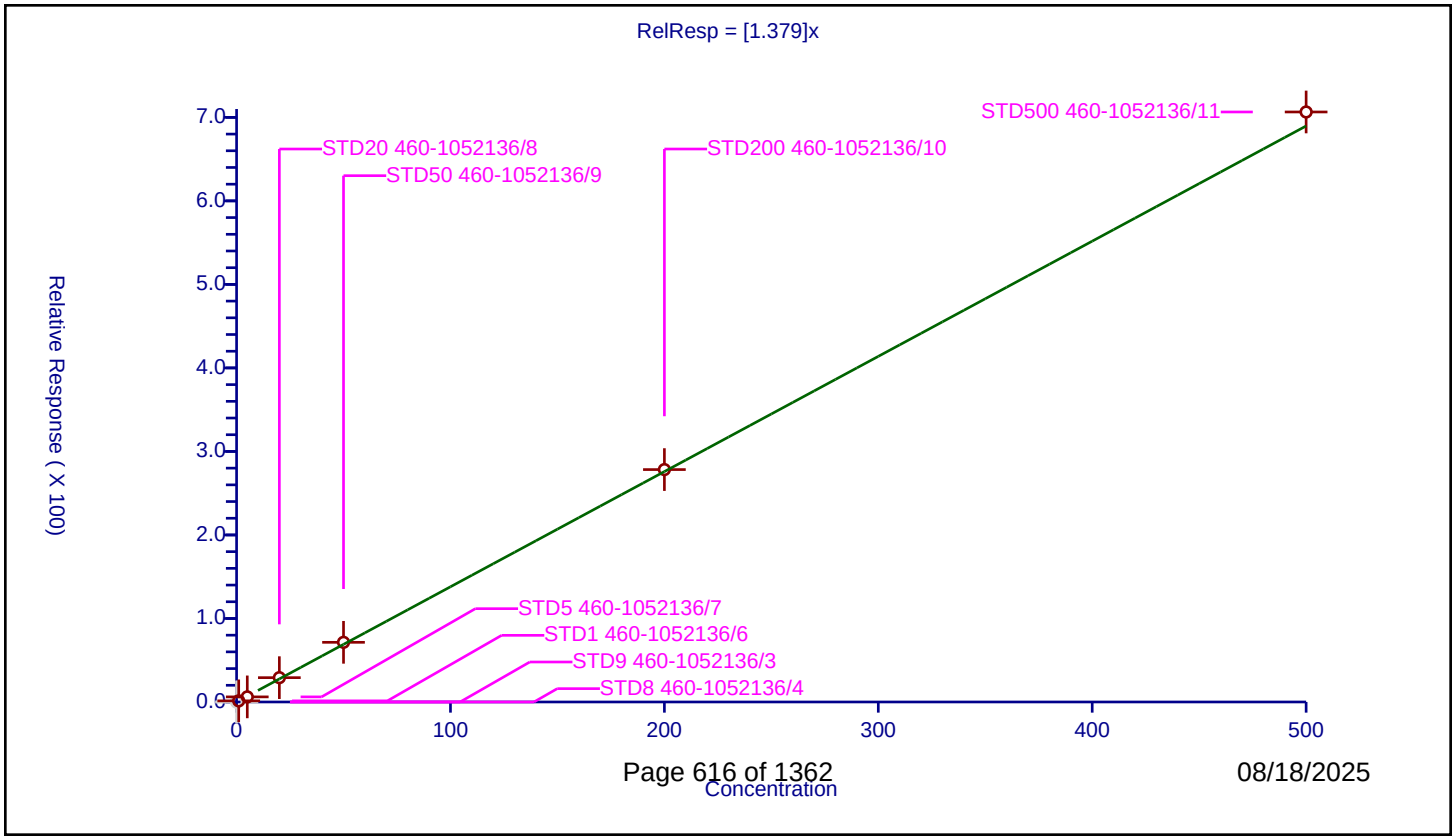
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.379 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.365665 | 50.0 | 153039.0 | 1.365665 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 6.107189 | 50.0 | 158076.0 | 1.221438 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 29.120117 | 50.0 | 139098.0 | 1.456006 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 71.443749 | 50.0 | 158123.0 | 1.428875 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 278.275489 | 50.0 | 166250.0 | 1.391377 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 706.462551 | 50.0 | 168695.0 | 1.412925 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

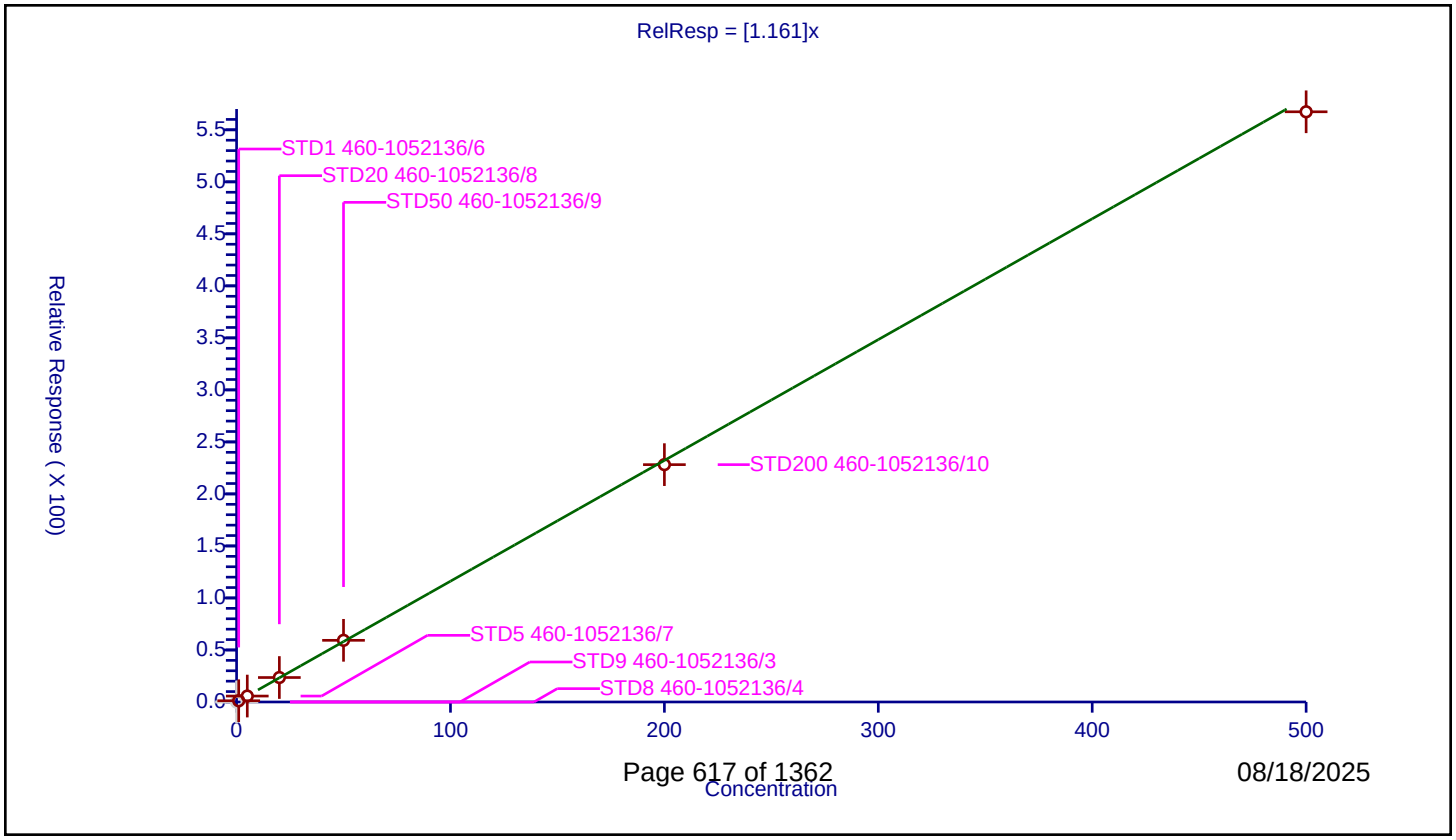
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.161 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.189893 | 50.0 | 153039.0 | 1.189893 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 5.700106 | 50.0 | 158076.0 | 1.140021 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 23.522624 | 50.0 | 139098.0 | 1.176131 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 59.269366 | 50.0 | 158123.0 | 1.185387 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 228.15218 | 50.0 | 166250.0 | 1.140761 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 567.332464 | 50.0 | 168695.0 | 1.134665 | 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 |

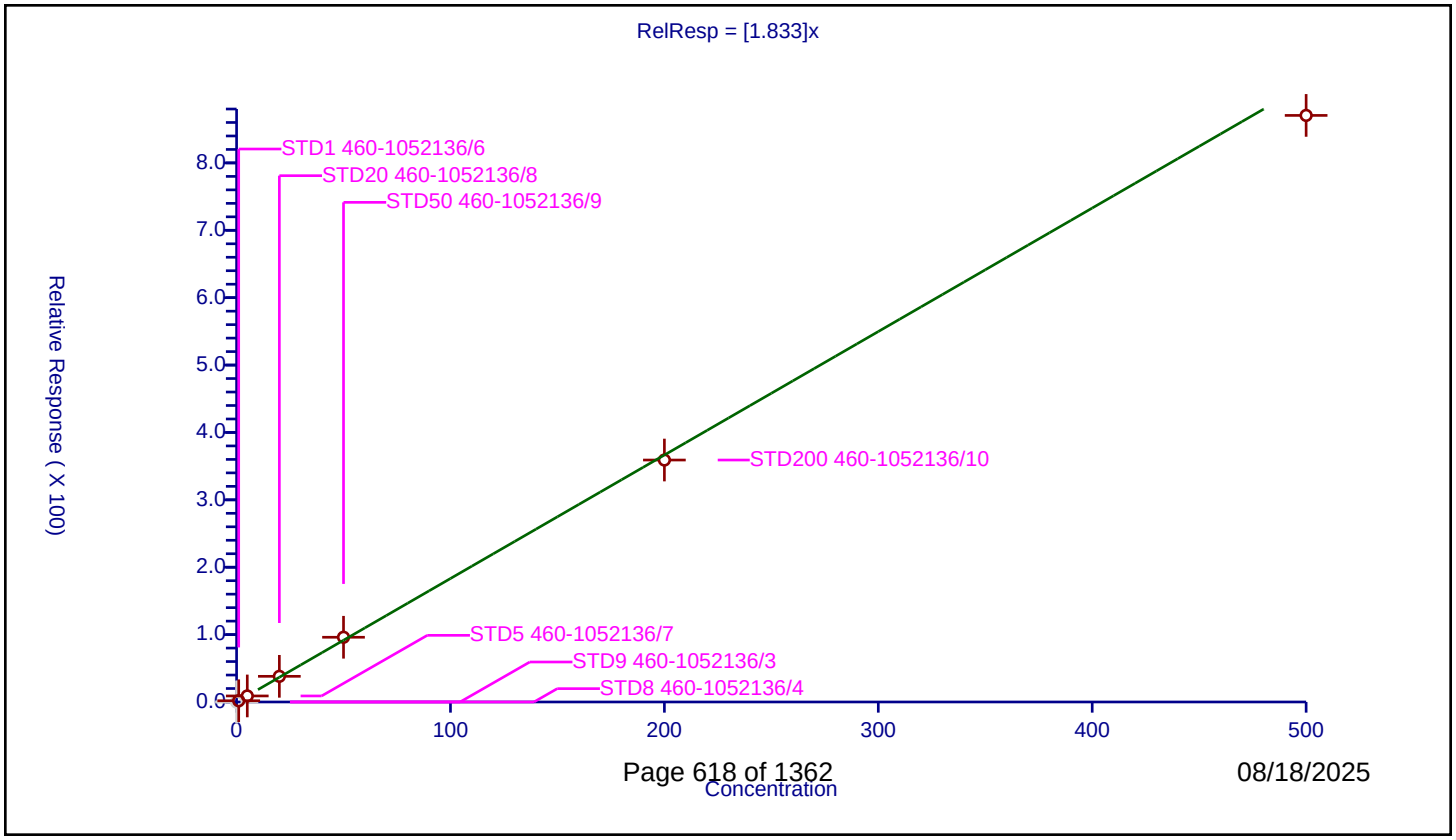
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.833 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.841361 | 50.0 | 153039.0 | 1.841361 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 8.9574 | 50.0 | 158076.0 | 1.79148 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 38.086816 | 50.0 | 139098.0 | 1.904341 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 96.071729 | 50.0 | 158123.0 | 1.921435 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 359.069474 | 50.0 | 166250.0 | 1.795347 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 870.518984 | 50.0 | 168695.0 | 1.741038 | Y |



## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

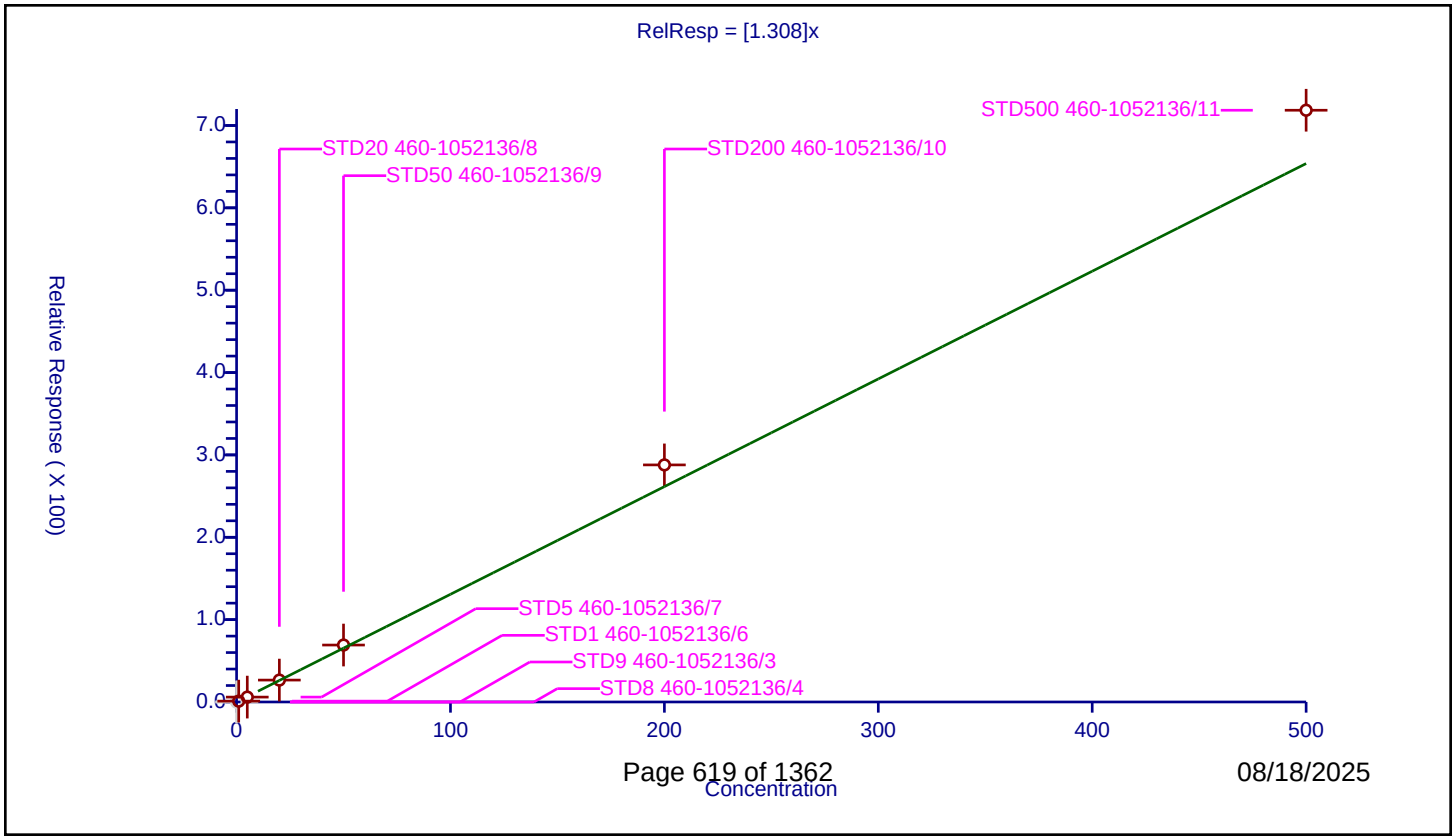
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.308 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.066722 | 50.0 | 153039.0 | 1.066722 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 5.94366 | 50.0 | 158076.0 | 1.188732 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 26.613611 | 50.0 | 139098.0 | 1.330681 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 69.143009 | 50.0 | 158123.0 | 1.38286 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 287.879098 | 50.0 | 166250.0 | 1.439395 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 718.517443 | 50.0 | 168695.0 | 1.437035 | Y |



## Calibration / 2,3-Dihydroindene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

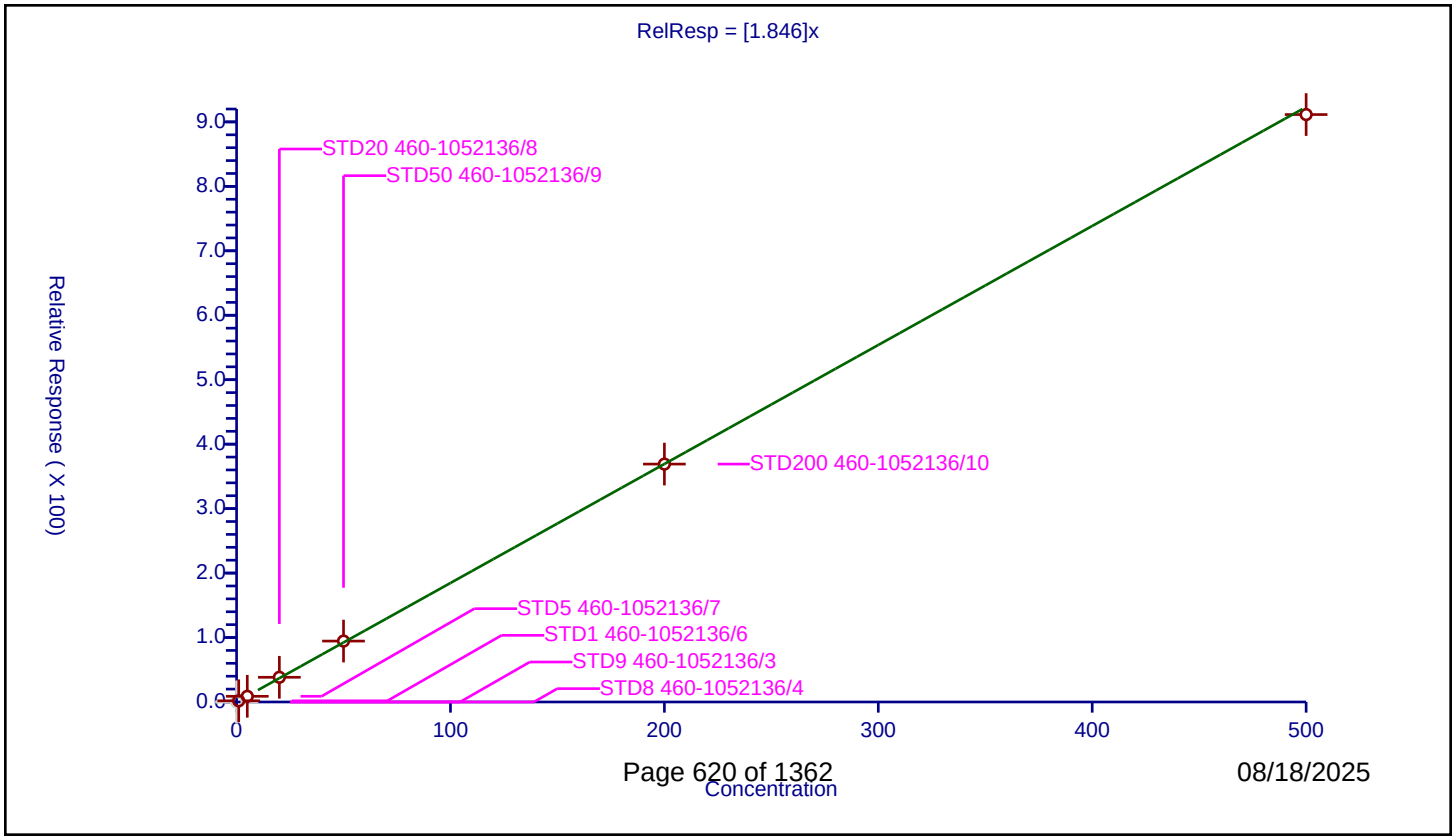
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.846 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.83646 | 50.0 | 153039.0 | 1.83646 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 8.82993 | 50.0 | 158076.0 | 1.765986 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 38.339875 | 50.0 | 139098.0 | 1.916994 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 94.506492 | 50.0 | 158123.0 | 1.89013 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 369.102256 | 50.0 | 166250.0 | 1.845511 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 911.397789 | 50.0 | 168695.0 | 1.822796 | Y |



## Calibration / p-Diethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

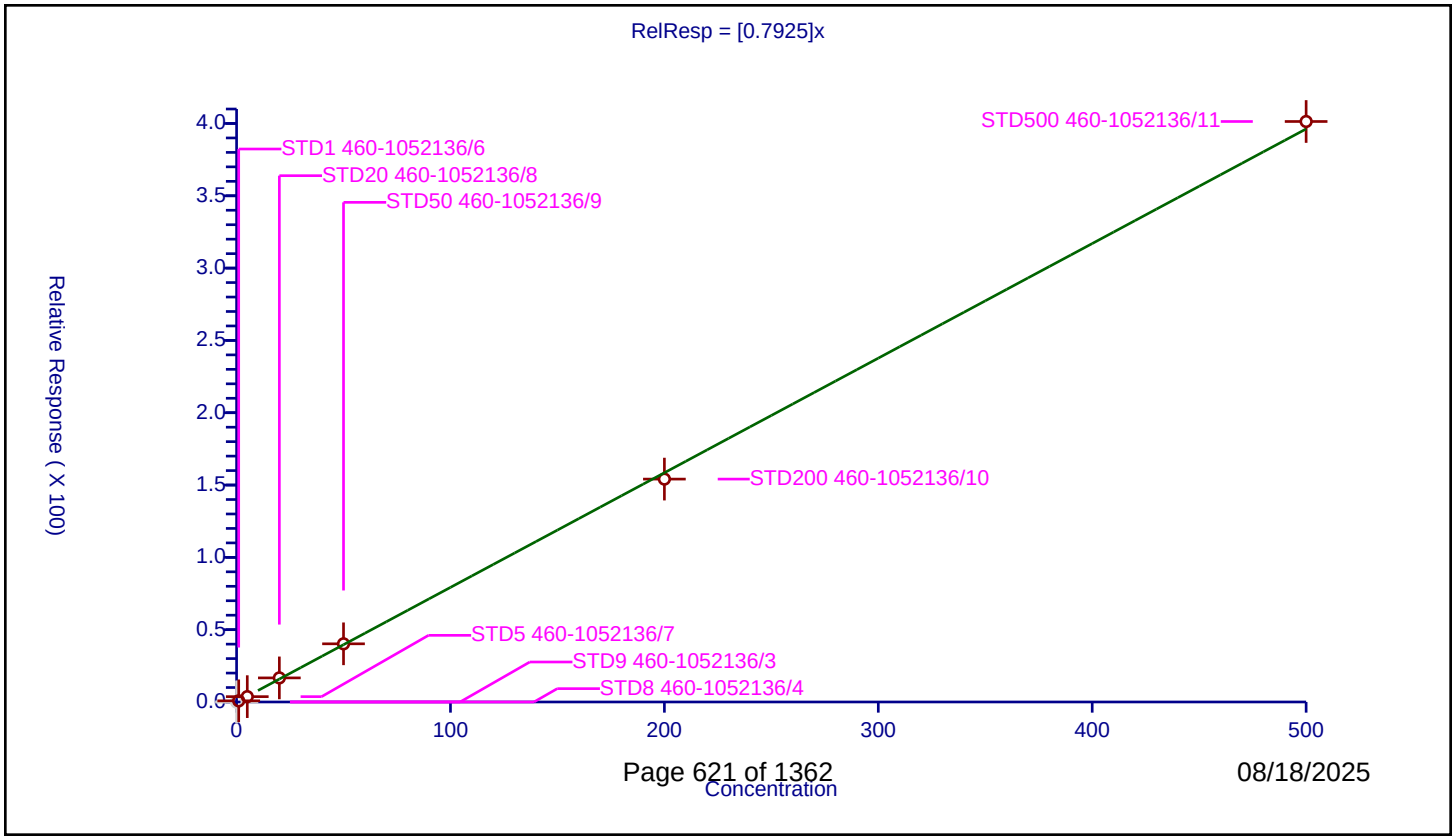
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7925 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.803063 | 50.0 | 153039.0 | 0.803063 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 3.704863 | 50.0 | 158076.0 | 0.740973 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 16.661275 | 50.0 | 139098.0 | 0.833064 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 40.213947 | 50.0 | 158123.0 | 0.804279 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 154.123609 | 50.0 | 166250.0 | 0.770618 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 401.371114 | 50.0 | 168695.0 | 0.802742 | Y |



## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

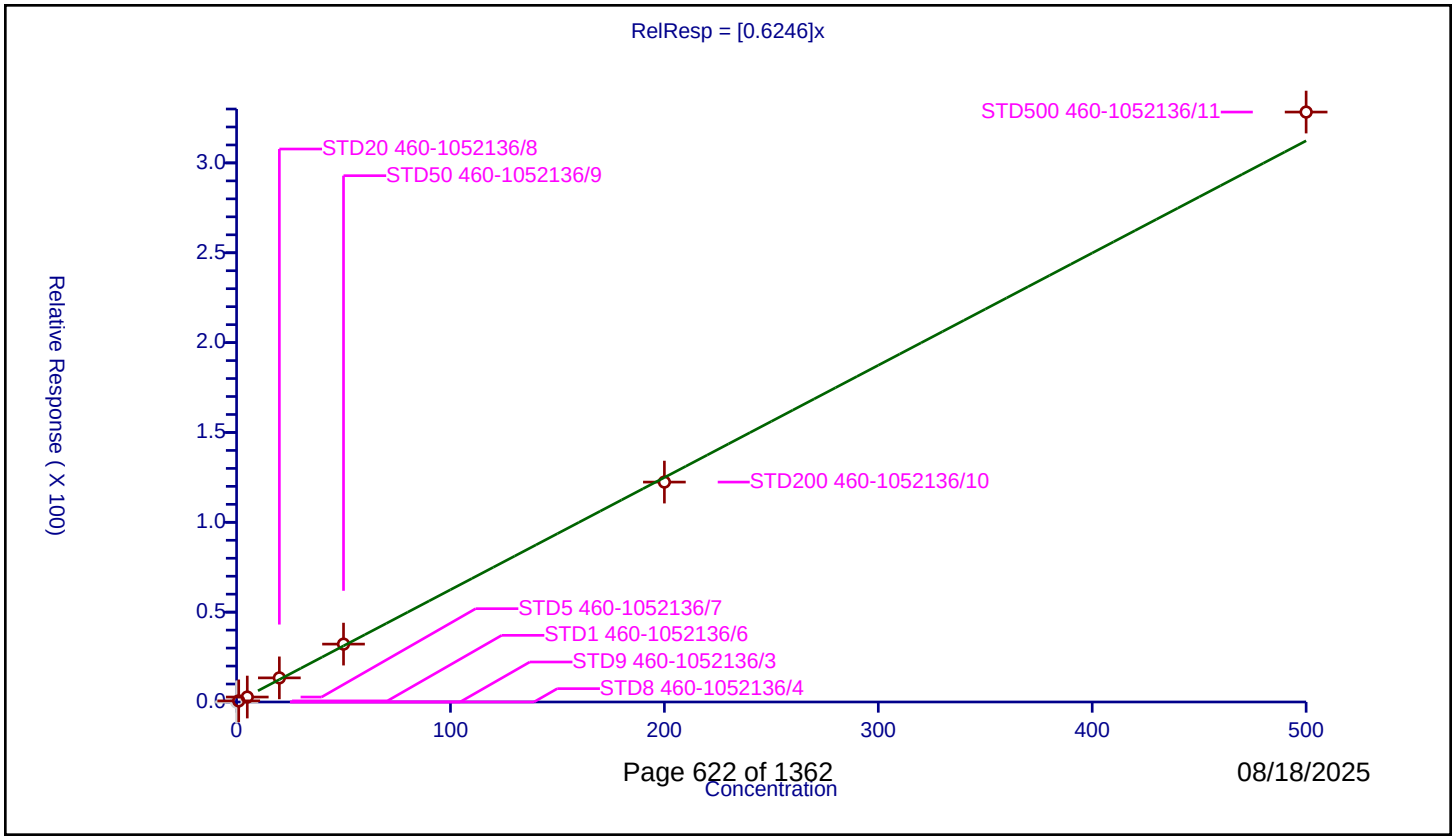
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6246 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.614223 | 50.0 | 153039.0 | 0.614223 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.750576 | 50.0 | 158076.0 | 0.550115 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 13.417159 | 50.0 | 139098.0 | 0.670858 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 32.205941 | 50.0 | 158123.0 | 0.644119 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 122.381353 | 50.0 | 166250.0 | 0.611907 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 328.301076 | 50.0 | 168695.0 | 0.656602 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

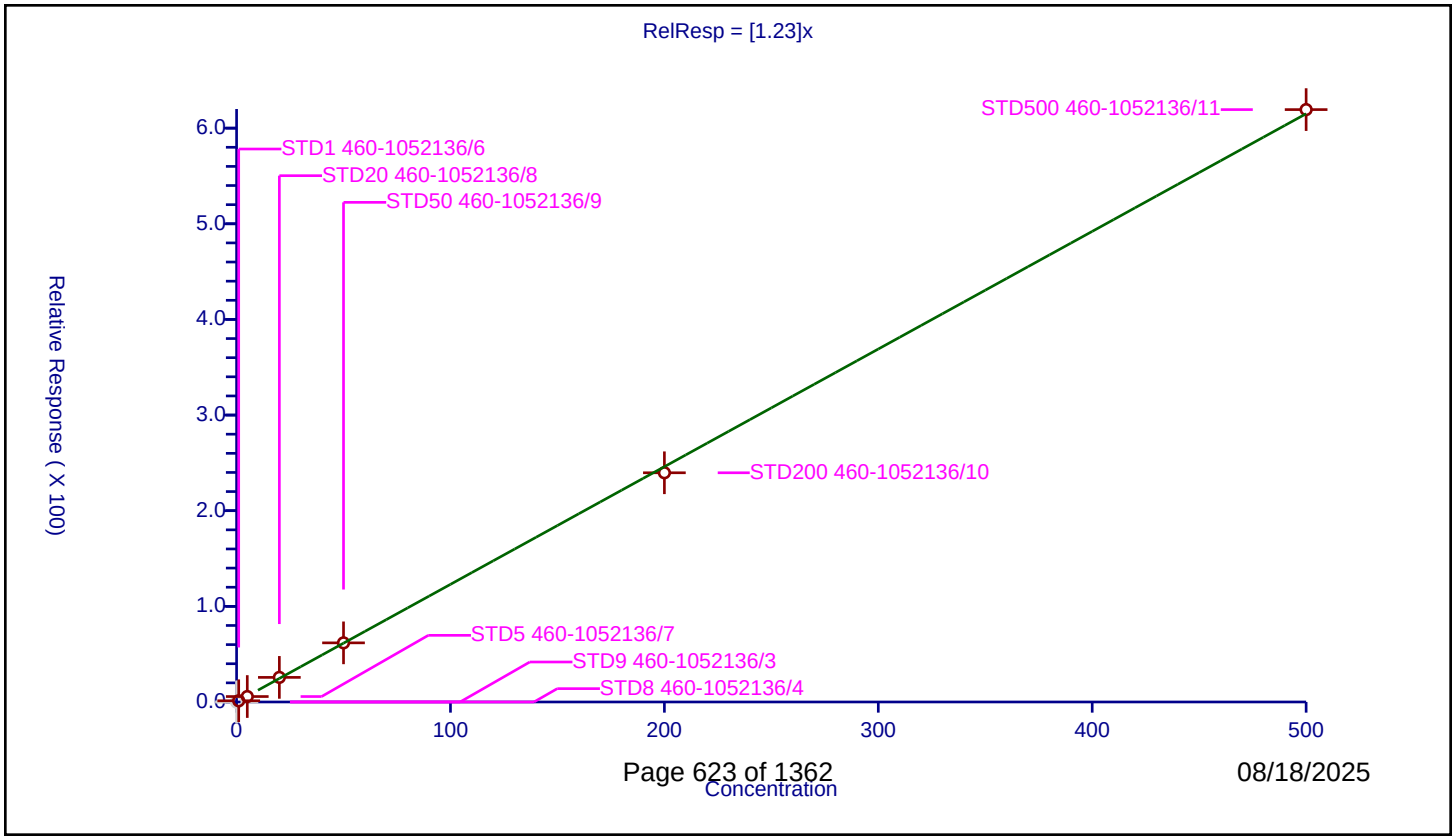
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.23 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.279086 | 50.0 | 153039.0 | 1.279086 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 5.710228 | 50.0 | 158076.0 | 1.142046 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 25.72395 | 50.0 | 139098.0 | 1.286198 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 61.824023 | 50.0 | 158123.0 | 1.23648 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 239.650827 | 50.0 | 166250.0 | 1.198254 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 619.382021 | 50.0 | 168695.0 | 1.238764 | 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 |

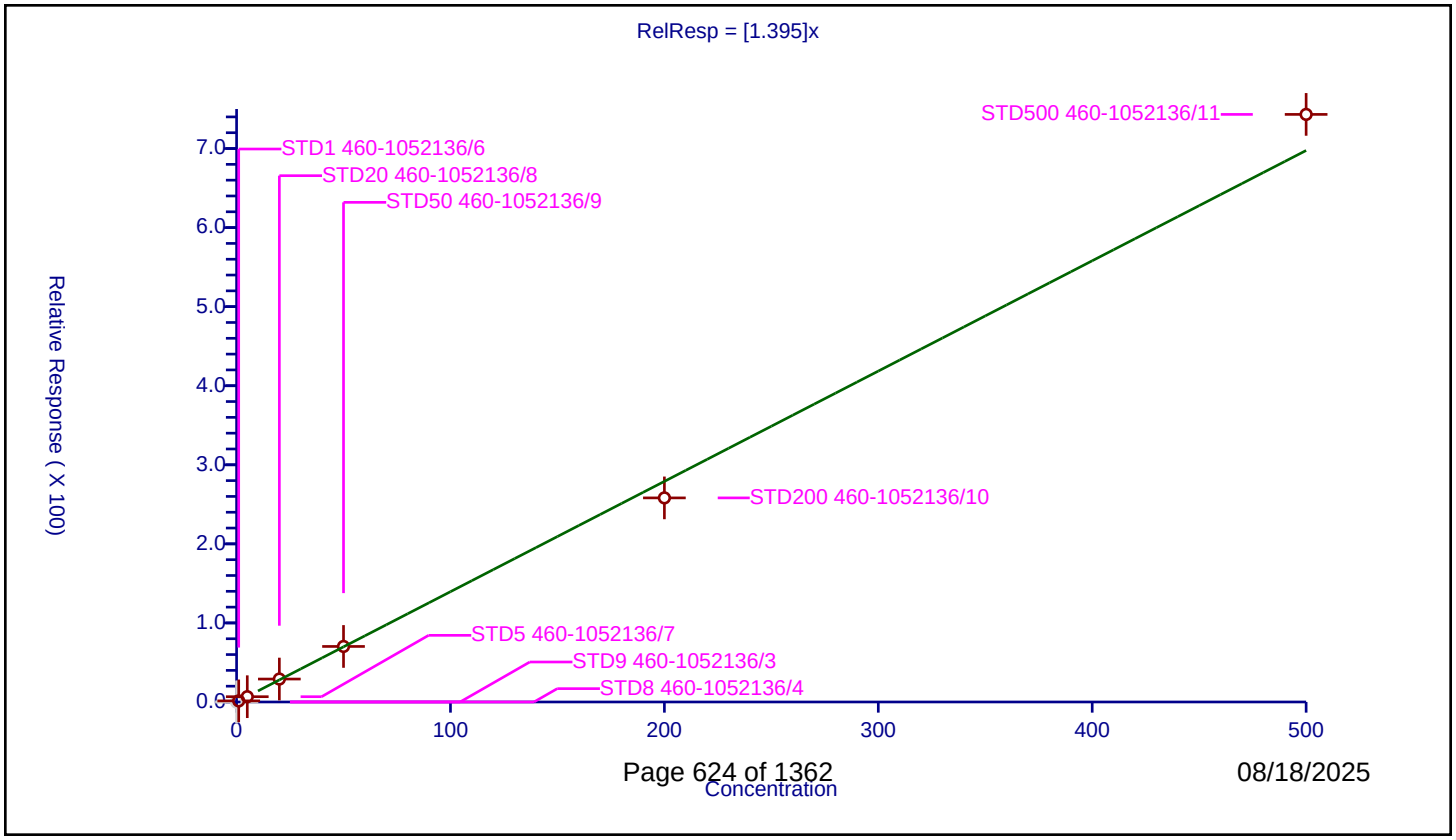
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.395 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 1.399643 | 50.0 | 153039.0 | 1.399643 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 6.695514 | 50.0 | 158076.0 | 1.339103 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 29.006887 | 50.0 | 139098.0 | 1.450344 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 70.22571 | 50.0 | 158123.0 | 1.404514 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 258.145263 | 50.0 | 166250.0 | 1.290726 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 743.173479 | 50.0 | 168695.0 | 1.486347 | Y |



## Calibration / 1,2-Dibromo-3-Chloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

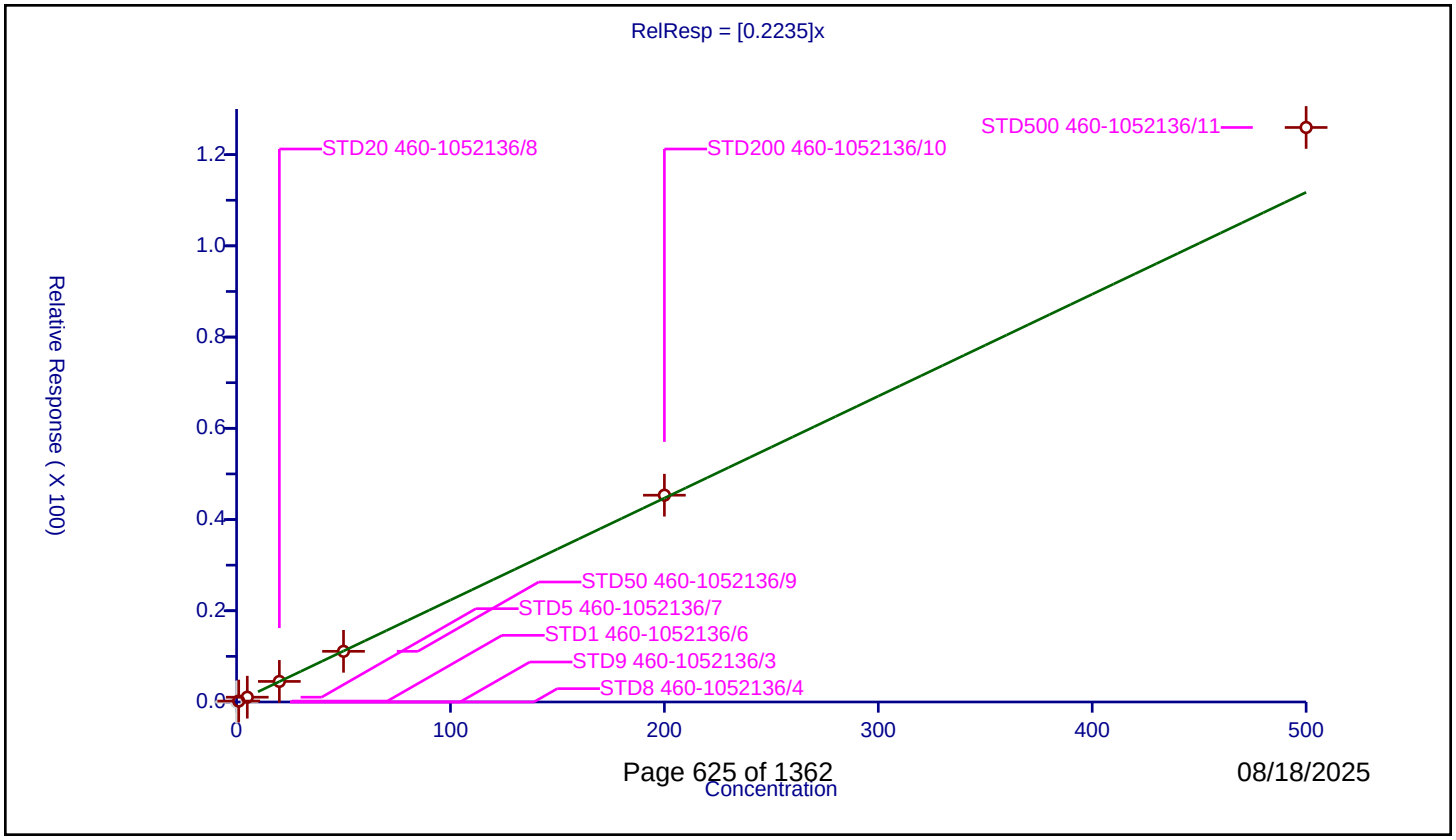
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2235 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.204523 | 50.0 | 153039.0 | 0.204523 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 1.051077 | 50.0 | 158076.0 | 0.210215 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.507613 | 50.0 | 139098.0 | 0.225381 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 11.109706 | 50.0 | 158123.0 | 0.222194 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 45.336541 | 50.0 | 166250.0 | 0.226683 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 125.95483 | 50.0 | 168695.0 | 0.25191 | 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 |

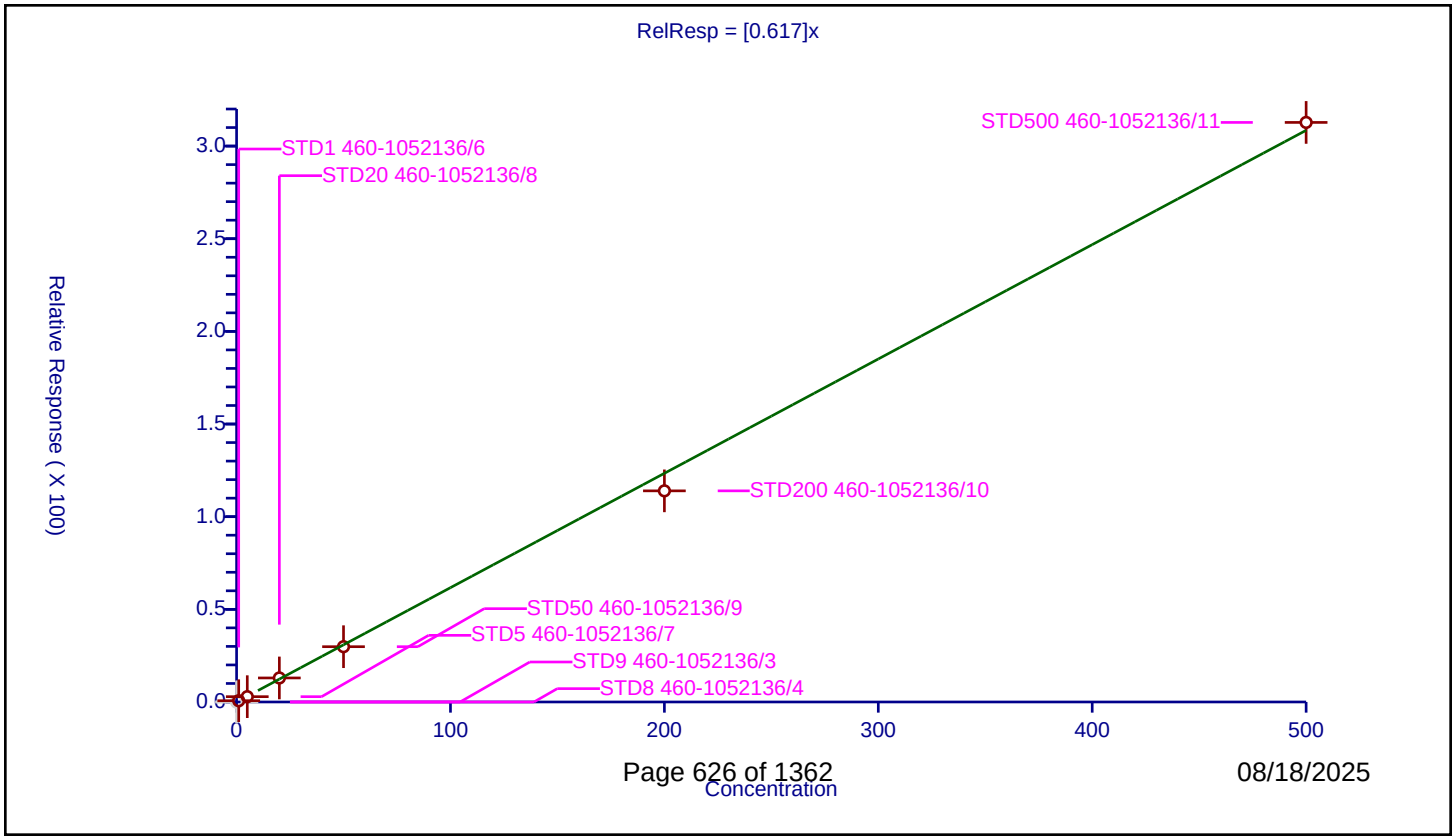
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.617 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.688387 | 50.0 | 153039.0 | 0.688387 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.866026 | 50.0 | 158076.0 | 0.573205 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 12.972149 | 50.0 | 139098.0 | 0.648607 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 29.832156 | 50.0 | 158123.0 | 0.596643 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 113.933534 | 50.0 | 166250.0 | 0.569668 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 312.761493 | 50.0 | 168695.0 | 0.625523 | 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 |

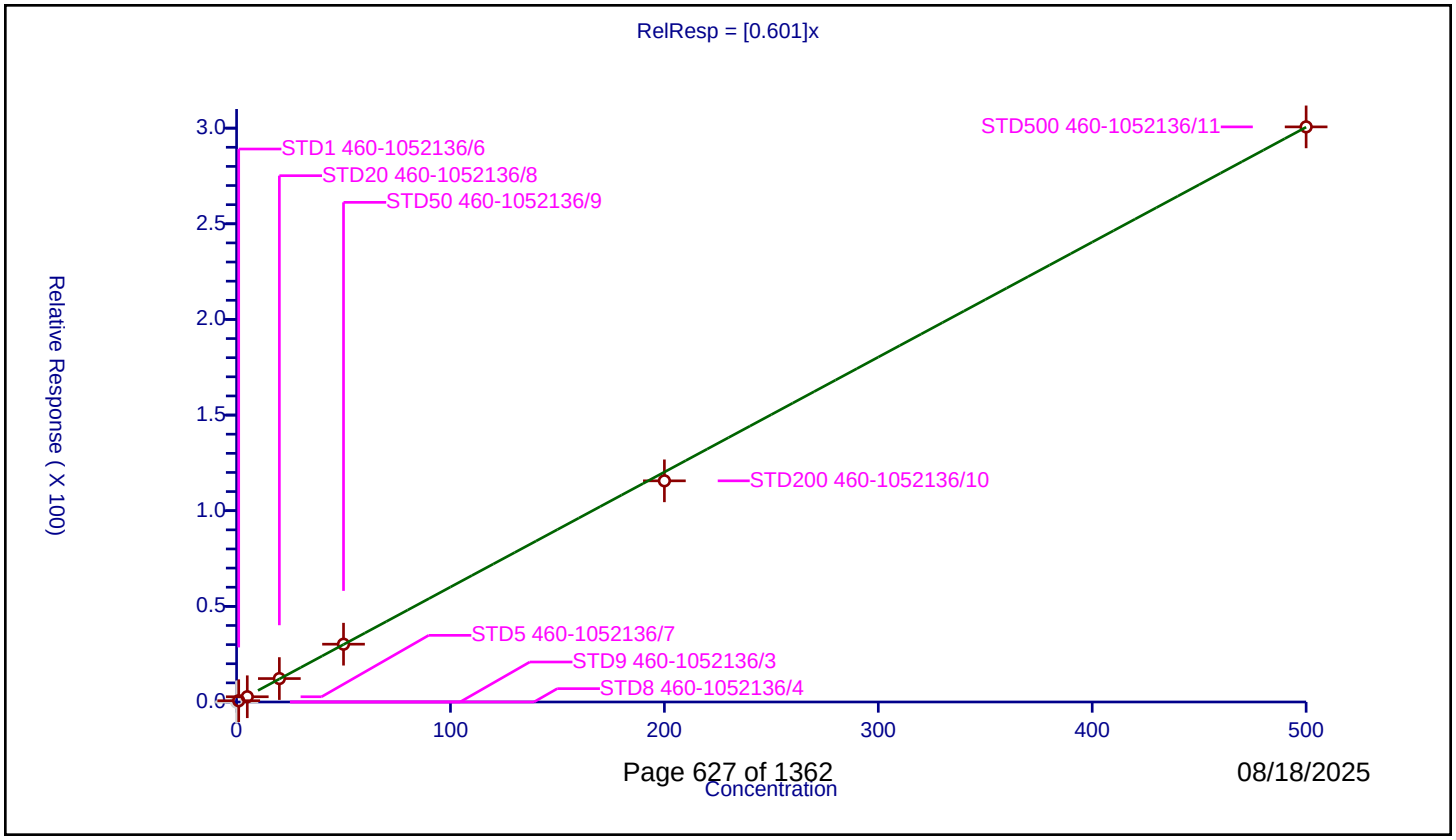
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.601 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.661923 | 50.0 | 153039.0 | 0.661923 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.742035 | 50.0 | 158076.0 | 0.548407 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 12.241369 | 50.0 | 139098.0 | 0.612068 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 30.210343 | 50.0 | 158123.0 | 0.604207 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 115.617143 | 50.0 | 166250.0 | 0.578086 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 300.657992 | 50.0 | 168695.0 | 0.601316 | Y |



## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

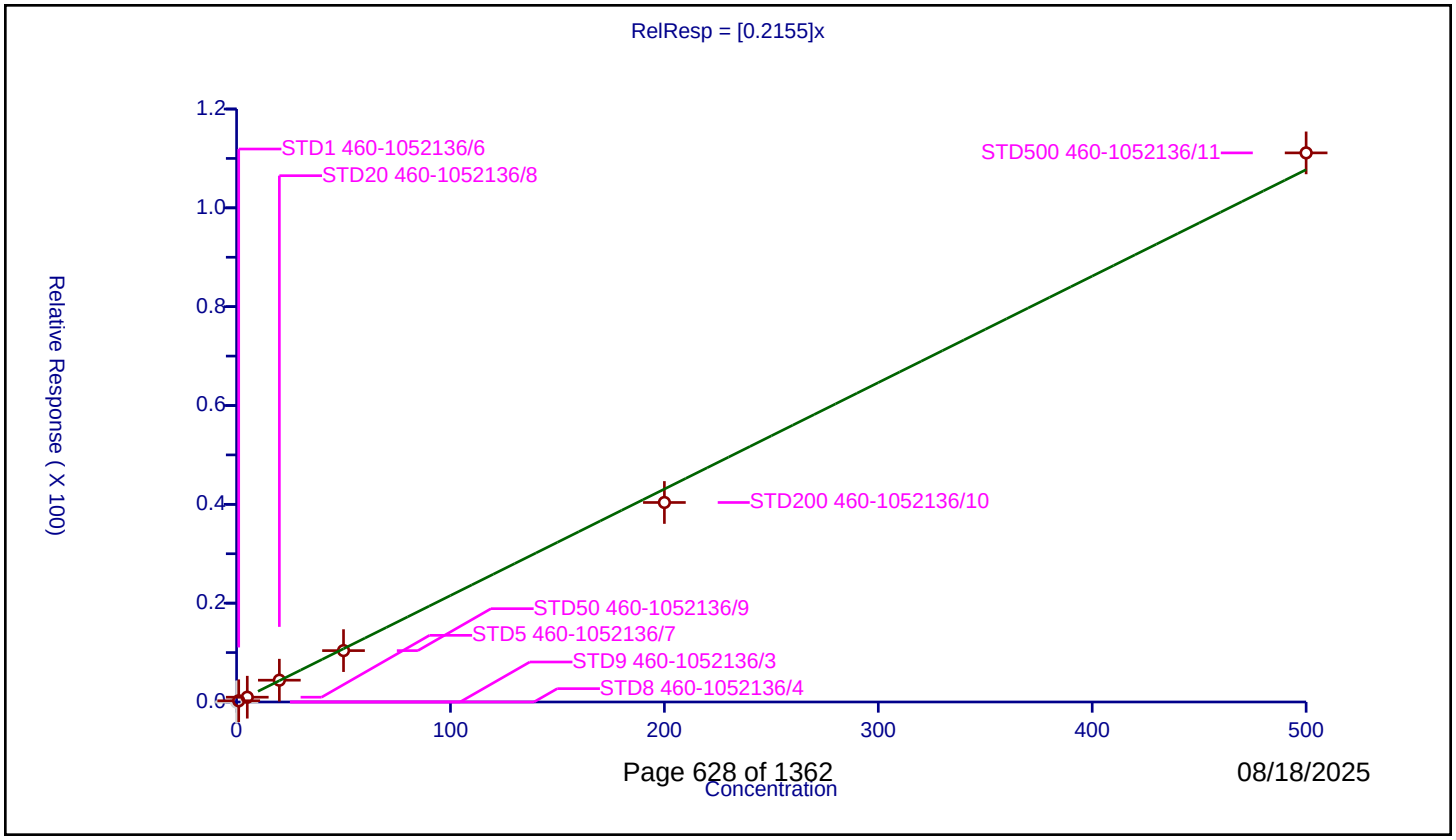
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2155 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.246342 | 50.0 | 153039.0 | 0.246342 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 0.968521 | 50.0 | 158076.0 | 0.193704 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 4.411638 | 50.0 | 139098.0 | 0.220582 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 10.398234 | 50.0 | 158123.0 | 0.207965 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 40.37594 | 50.0 | 166250.0 | 0.20188 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 111.12244 | 50.0 | 168695.0 | 0.222245 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

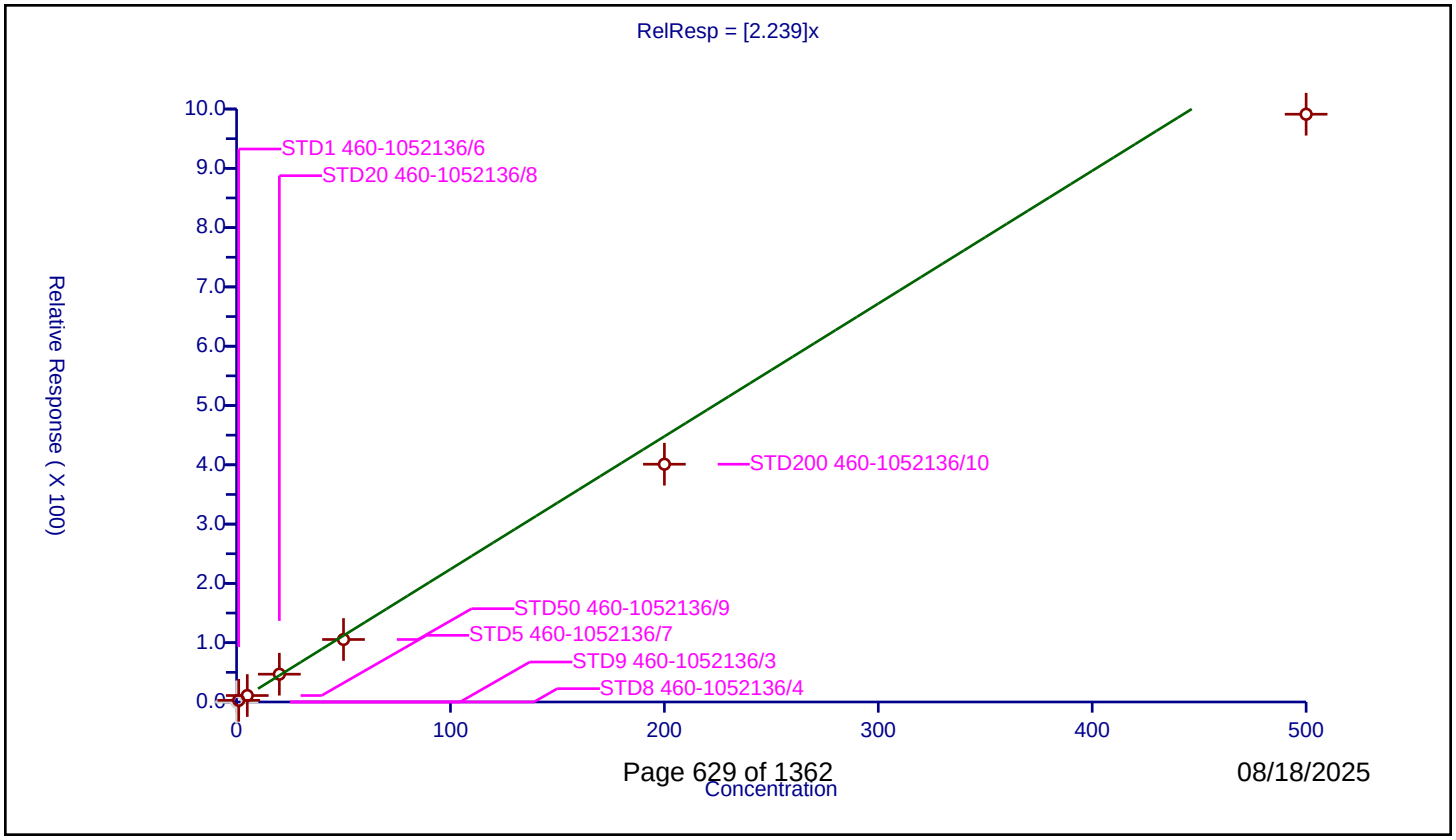
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.239 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 2.816929 | 50.0 | 153039.0 | 2.816929 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 10.902983 | 50.0 | 158076.0 | 2.180597 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 46.88493 | 50.0 | 139098.0 | 2.344247 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 105.381886 | 50.0 | 158123.0 | 2.107638 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 400.989474 | 50.0 | 166250.0 | 2.004947 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 991.222917 | 50.0 | 168695.0 | 1.982446 | Y |



## Calibration / 1,2,3-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

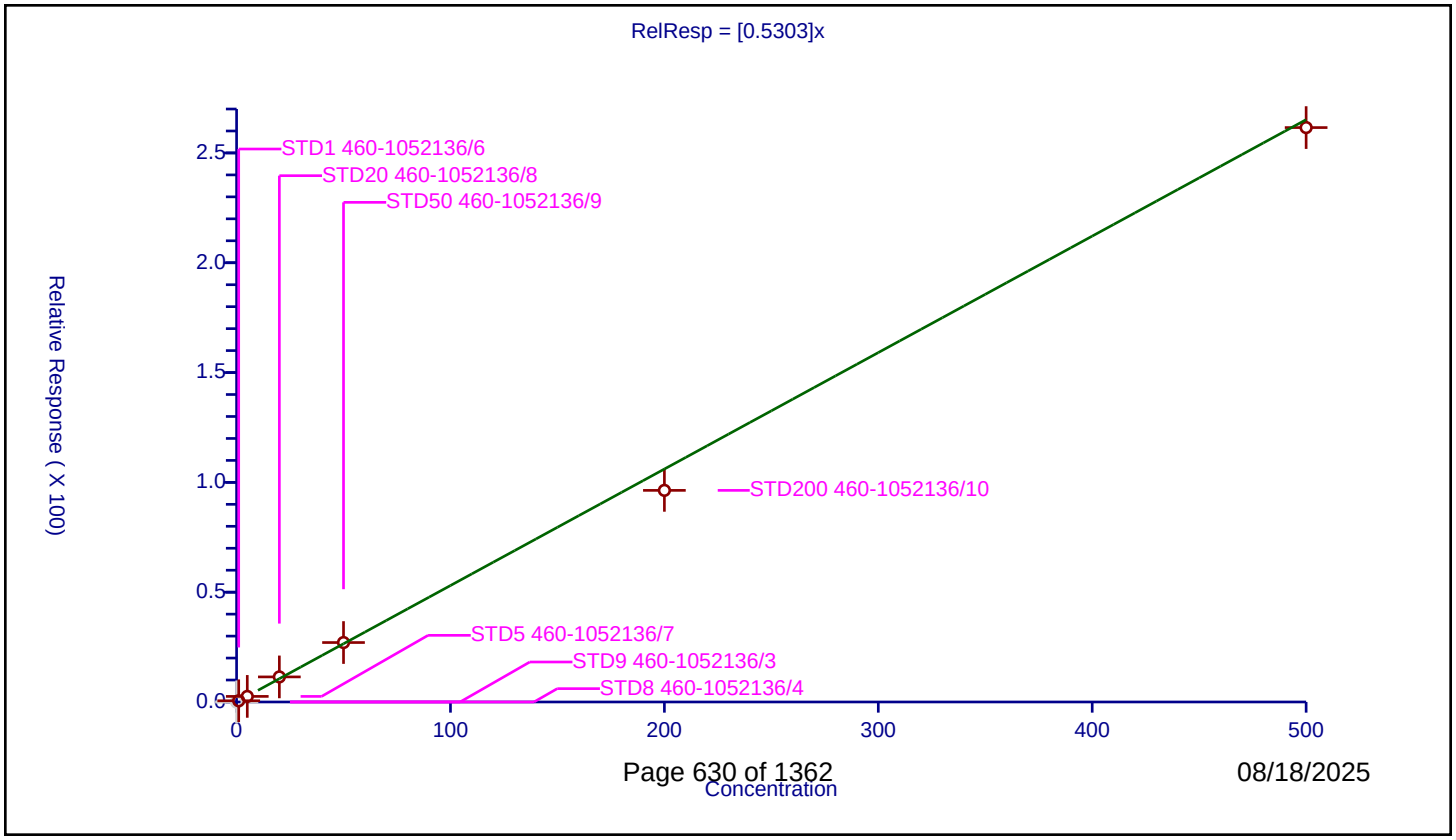
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5303 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-1052136/4 | 0.0 | 0.0 | 50.0 | 153143.0 | NaN | N |
| 2 | STD9 460-1052136/3 | 0.2 | 0.0 | 50.0 | 148943.0 | 0.0 | N |
| 3 | STD1 460-1052136/6 | 1.0 | 0.556067 | 50.0 | 153039.0 | 0.556067 | Y |
| 4 | STD5 460-1052136/7 | 5.0 | 2.543713 | 50.0 | 158076.0 | 0.508743 | Y |
| 5 | STD20 460-1052136/8 | 20.0 | 11.414614 | 50.0 | 139098.0 | 0.570731 | Y |
| 6 | STD50 460-1052136/9 | 50.0 | 27.074176 | 50.0 | 158123.0 | 0.541484 | Y |
| 7 | STD200 460-1052136/10 | 200.0 | 96.352782 | 50.0 | 166250.0 | 0.481764 | Y |
| 8 | STD500 460-1052136/11 | 500.0 | 261.548357 | 50.0 | 168695.0 | 0.523097 | Y |



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1052136/19 Calibration Date: 07/26/2025 21:00

Instrument ID: CVOAMS8 Calib Start Date: 07/26/2025 14:53

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/26/2025 17:56

Lab File ID: J20699.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 | 0.0265 | 0.0421 | | 31.8 | 20.0 | 58.8* | 30.0 |
| Dichlorodifluoromethane | Ave | 0.3400 | 0.3422 | 0.1000 | 20.1 | 20.0 | 0.6 | 30.0 |
| Chlorodifluoromethane | Ave | 0.0368 | 0.0446 | | 24.2 | 20.0 | 21.1 | 30.0 |
| Chloromethane | Ave | 0.2241 | 0.2395 | 0.0050 | 21.4 | 20.0 | 6.9 | 30.0 |
| Vinyl chloride | Ave | 0.1914 | 0.2512 | 0.0050 | 26.2 | 20.0 | 31.2* | 30.0 |
| Butadiene | Ave | 0.1615 | 0.2279 | | 28.2 | 20.0 | 41.1* | 30.0 |
| Bromomethane | Ave | 0.1891 | 0.2315 | 0.0050 | 24.5 | 20.0 | 22.4 | 30.0 |
| Chloroethane | Ave | 0.1000 | 0.1326 | 0.0050 | 26.5 | 20.0 | 32.7* | 30.0 |
| Dichlorofluoromethane | Ave | 0.3286 | 0.4372 | | 26.6 | 20.0 | 33.1* | 30.0 |
| Trichlorofluoromethane | Ave | 0.3138 | 0.4134 | 0.1000 | 26.4 | 20.0 | 31.8* | 30.0 |
| Pentane | Ave | 0.1268 | 0.1414 | | 44.6 | 40.0 | 11.5 | 30.0 |
| Ethanol | Ave | 0.0309 | 0.0357 | | 923 | 800 | 15.4 | 30.0 |
| Ethyl ether | Lin2 | | 0.1457 | | 20.4 | 20.0 | 1.9 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.1404 | 0.1709 | | 24.3 | 20.0 | 21.7 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.2100 | 0.2247 | | 21.4 | 20.0 | 7.0 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.2927 | 0.3630 | | 24.8 | 20.0 | 24.0 | 30.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.1743 | 0.2130 | 0.1000 | 24.4 | 20.0 | 22.2 | 30.0 |
| Acrolein | Ave | 1.485 | 1.375 | | 36.6 | 39.5 | -7.4 | 30.0 |
| 1,1-Dichloroethene | Ave | 0.2187 | 0.2781 | 0.1000 | 25.4 | 20.0 | 27.2 | 30.0 |
| Acetone | Ave | 0.6590 | 0.7100 | 0.0010 | 108 | 100 | 7.7 | 30.0 |
| Iodomethane | Ave | 0.5684 | 0.6907 | | 24.3 | 20.0 | 21.5 | 30.0 |
| Isopropyl alcohol | Ave | 0.5340 | 0.5212 | | 195 | 200 | -2.4 | 30.0 |
| Carbon disulfide | Ave | 0.7755 | 1.006 | 0.1000 | 25.9 | 20.0 | 29.7 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.1978 | 0.1931 | | 19.5 | 20.0 | -2.4 | 30.0 |
| Methyl acetate | Ave | 7.425 | 8.027 | 0.0500 | 43.2 | 40.0 | 8.1 | 30.0 |
| Cyclopentene | Ave | 0.6311 | 0.5555 | | 17.6 | 20.0 | -12.0 | 30.0 |
| Acetonitrile | Ave | 1.145 | 1.378 | | 241 | 200 | 20.3 | 30.0 |
| Methylene Chloride | Ave | 0.2986 | 0.3608 | 0.1000 | 24.2 | 20.0 | 20.8 | 30.0 |
| 2-Methyl-2-propanol | Ave | 0.998 | 0.9375 | | 188 | 200 | -6.0 | 30.0 |
| Methyl tert-butyl ether | Ave | 0.6544 | 0.6692 | 0.1000 | 20.5 | 20.0 | 2.3 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.3178 | 0.3481 | 0.1000 | 21.9 | 20.0 | 9.5 | 30.0 |
| Acrylonitrile | Ave | 4.179 | 4.737 | | 227 | 200 | 13.4 | 30.0 |
| Hexane | Ave | 0.1198 | 0.1049 | | 17.5 | 20.0 | -12.5 | 30.0 |
| Isopropyl ether | Ave | 0.6193 | 0.6141 | | 19.8 | 20.0 | -0.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.4637 | 0.4842 | 0.2000 | 20.9 | 20.0 | 4.4 | 30.0 |
| Vinyl acetate | Ave | 0.3638 | 0.2364 | | 26.0 | 40.0 | -35.0* | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2493 | 0.2508 | | 20.1 | 20.0 | 0.6 | 30.0 |
| Tert-butyl ethyl ether | Ave | 0.6476 | 0.6638 | | 20.5 | 20.0 | 2.5 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.1020 | 0.0997 | | 19.5 | 20.0 | -2.3 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1052136/19 Calibration Date: 07/26/2025 21:00

Instrument ID: CVOAMS8 Calib Start Date: 07/26/2025 14:53

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/26/2025 17:56

Lab File ID: J20699.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 | 0.3459 | 0.3443 | 0.1000 | 19.9 | 20.0 | -0.5 | 30.0 |
| 2-Butanone (MEK) | Ave | 0.3251 | 0.2968 | 0.0100 | 91.3 | 100 | -8.7 | 30.0 |
| Ethyl acetate | Ave | 0.2986 | 0.2744 | | 36.8 | 40.0 | -8.1 | 30.0 |
| Methyl acrylate | Ave | 0.1648 | 0.1311 | | 15.9 | 20.0 | -20.4 | 30.0 |
| Propionitrile | Ave | 1.437 | 1.422 | | 198 | 200 | -1.0 | 30.0 |
| Chlorobromomethane | Ave | 0.1922 | 0.1939 | | 20.2 | 20.0 | 0.9 | 30.0 |
| Tetrahydrofuran | Ave | 0.4053 | 0.4075 | | 40.2 | 40.0 | 0.5 | 30.0 |
| Methacrylonitrile | Ave | 0.0952 | 0.0818 | | 172 | 200 | -14.1 | 30.0 |
| Chloroform | Ave | 0.5190 | 0.5392 | 0.2000 | 20.8 | 20.0 | 3.9 | 30.0 |
| Cyclohexane | Ave | 0.1918 | 0.2307 | 0.1000 | 24.1 | 20.0 | 20.3 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.3620 | 0.4211 | 0.1000 | 23.3 | 20.0 | 16.3 | 30.0 |
| Carbon tetrachloride | Ave | 0.3146 | 0.3538 | 0.1000 | 22.5 | 20.0 | 12.5 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.3361 | 0.3123 | | 18.6 | 20.0 | -7.1 | 30.0 |
| Isobutyl alcohol | Lin | | 0.3326 | | 442 | 500 | -11.7 | 30.0 |
| Isooctane | Ave | 0.2284 | 0.2517 | | 22.0 | 20.0 | 10.2 | 30.0 |
| Benzene | Ave | 1.604 | 1.568 | 0.5000 | 19.5 | 20.0 | -2.3 | 30.0 |
| Isopropyl acetate | Ave | 0.5122 | 0.4717 | | 18.4 | 20.0 | -7.9 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.1641 | 0.1504 | | 18.3 | 20.0 | -8.3 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3044 | 0.2810 | 0.1000 | 18.5 | 20.0 | -7.7 | 30.0 |
| n-Heptane | Ave | 0.0576 | 0.0443 | | 15.4 | 20.0 | -23.0 | 30.0 |
| Trichloroethene | Ave | 0.2913 | 0.2805 | 0.2000 | 19.3 | 20.0 | -3.7 | 30.0 |
| n-Butanol | Ave | 0.1766 | 0.0714 | | 202 | 500 | -59.6* | 30.0 |
| Methylcyclohexane | Ave | 0.1682 | 0.1921 | 0.1000 | 22.8 | 20.0 | 14.2 | 30.0 |
| Ethyl acrylate | Lin2 | | 0.2602 | | 16.9 | 20.0 | -15.4 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2247 | 0.2132 | 0.1000 | 19.0 | 20.0 | -5.1 | 30.0 |
| Methyl methacrylate | Ave | 0.0489 | 0.0381 | | 31.2 | 40.0 | -22.0 | 30.0 |
| 1,4-Dioxane | QuaF | | 1.152 | | 309 | 400 | -22.9 | 30.0 |
| Dibromomethane | Ave | 0.2019 | 0.1900 | | 18.8 | 20.0 | -5.9 | 30.0 |
| n-Propyl acetate | Ave | 0.1953 | 0.1455 | | 14.9 | 20.0 | -25.5 | 30.0 |
| Dichlorobromomethane | Ave | 0.3212 | 0.3187 | 0.2000 | 19.8 | 20.0 | -0.8 | 30.0 |
| 2-Nitropropane | Ave | 1.875 | 1.562 | | 33.3 | 40.0 | -16.7 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1195 | 0.0868 | | 14.5 | 20.0 | -27.4 | 30.0 |
| Epichlorohydrin | Ave | 0.1980 | 0.1869 | | 18.9 | 20.0 | -5.6 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.5598 | 0.4963 | 0.2000 | 17.7 | 20.0 | -11.3 | 30.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 1.862 | 1.998 | 0.0500 | 107 | 100 | 7.3 | 30.0 |
| Toluene | Ave | 1.378 | 1.323 | 0.4000 | 19.2 | 20.0 | -4.0 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.4296 | 0.3858 | 0.1000 | 18.0 | 20.0 | -10.2 | 30.0 |
| Ethyl methacrylate | Ave | 0.1997 | 0.1562 | | 15.7 | 20.0 | -21.7 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.2853 | 0.2404 | 0.1000 | 16.9 | 20.0 | -15.7 | 30.0 |
| Tetrachloroethene | Ave | 0.3204 | 0.2803 | 0.2000 | 17.5 | 20.0 | -12.5 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.4500 | 0.3945 | | 17.5 | 20.0 | -12.3 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1052136/19 Calibration Date: 07/26/2025 21:00

Instrument ID: CVOAMS8 Calib Start Date: 07/26/2025 14:53

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/26/2025 17:56

Lab File ID: J20699.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 | 0.6624 | 0.6146 | 0.0500 | 92.8 | 100 | -7.2 | 30.0 |
| n-Butyl acetate | Ave | 0.2876 | 0.2457 | | 17.1 | 20.0 | -14.6 | 30.0 |
| Chlorodibromomethane | Ave | 0.3981 | 0.3788 | 0.1000 | 19.0 | 20.0 | -4.8 | 30.0 |
| Ethylene Dibromide | Ave | 0.3731 | 0.3233 | 0.1000 | 17.3 | 20.0 | -13.4 | 30.0 |
| Chlorobenzene | Ave | 0.8815 | 0.8616 | 0.5000 | 19.5 | 20.0 | -2.3 | 30.0 |
| Ethylbenzene | Ave | 0.3635 | 0.3658 | 0.1000 | 20.1 | 20.0 | 0.6 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3662 | 0.4089 | | 22.3 | 20.0 | 11.7 | 30.0 |
| m-Xylene & p-Xylene | Ave | 0.4325 | 0.4360 | 0.1000 | 20.2 | 20.0 | 0.8 | 30.0 |
| o-Xylene | Ave | 0.4751 | 0.5105 | 0.3000 | 21.5 | 20.0 | 7.4 | 30.0 |
| n-Butyl acrylate | Ave | 0.1875 | 0.1720 | | 18.3 | 20.0 | -8.3 | 30.0 |
| Styrene | Ave | 0.7298 | 0.7389 | 0.3000 | 20.2 | 20.0 | 1.2 | 30.0 |
| Bromoform | Ave | 0.2405 | 0.2227 | 0.1000 | 18.5 | 20.0 | -7.4 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 0.8413 | 0.7776 | | 18.5 | 20.0 | -7.6 | 30.0 |
| (-)-a-Pinene | Ave | 0.2139 | 0.2104 | | 19.7 | 20.0 | -1.7 | 30.0 |
| Isopropylbenzene | Ave | 0.8116 | 0.9605 | 0.1000 | 23.7 | 20.0 | 18.3 | 30.0 |
| Bromobenzene | Ave | 0.8540 | 0.7523 | | 17.6 | 20.0 | -11.9 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.9245 | 0.8195 | 0.3000 | 17.7 | 20.0 | -11.4 | 30.0 |
| N-Propylbenzene | Ave | 1.976 | 2.034 | | 20.6 | 20.0 | 2.9 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.2292 | 0.1999 | | 17.4 | 20.0 | -12.8 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.1275 | 0.0951 | | 14.9 | 20.0 | -25.4 | 30.0 |
| 2-Chlorotoluene | Ave | 1.731 | 1.751 | | 20.2 | 20.0 | 1.2 | 30.0 |
| 4-Ethyltoluene | Ave | 1.718 | 1.738 | | 20.2 | 20.0 | 1.2 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.483 | 1.618 | | 21.8 | 20.0 | 9.1 | 30.0 |
| 4-Chlorotoluene | Ave | 1.685 | 1.622 | | 19.2 | 20.0 | -3.8 | 30.0 |
| Butyl Methacrylate | Ave | 0.7282 | 0.7074 | | 19.4 | 20.0 | -2.9 | 30.0 |
| tert-Butylbenzene | Ave | 1.162 | 1.148 | | 19.8 | 20.0 | -1.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.584 | 1.675 | | 21.1 | 20.0 | 5.7 | 30.0 |
| sec-Butylbenzene | Ave | 1.571 | 1.638 | | 20.9 | 20.0 | 4.3 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.108 | 1.109 | 0.6000 | 20.0 | 20.0 | 0.0 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.379 | 1.384 | | 20.1 | 20.0 | 0.3 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.161 | 1.154 | 0.5000 | 19.9 | 20.0 | -0.7 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 1.833 | 1.955 | | 21.3 | 20.0 | 6.7 | 30.0 |
| Benzyl chloride | Ave | 1.308 | 1.034 | | 15.8 | 20.0 | -20.9 | 30.0 |
| Indan | Ave | 1.846 | 2.203 | | 23.9 | 20.0 | 19.3 | 30.0 |
| p-Diethylbenzene | Ave | 0.7925 | 0.8413 | | 21.2 | 20.0 | 6.2 | 30.0 |
| n-Butylbenzene | Ave | 0.6246 | 0.6424 | | 20.6 | 20.0 | 2.8 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.230 | 1.272 | 0.4000 | 20.7 | 20.0 | 3.4 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 1.395 | 1.455 | | 20.9 | 20.0 | 4.3 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.2235 | 0.1845 | 0.0500 | 16.5 | 20.0 | -17.5 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.6170 | 0.6377 | | 20.7 | 20.0 | 3.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6010 | 0.6112 | 0.2000 | 20.3 | 20.0 | 1.7 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1052136/19 Calibration Date: 07/26/2025 21:00

Instrument ID: CVOAMS8 Calib Start Date: 07/26/2025 14:53

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/26/2025 17:56

Lab File ID: J20699.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 |
|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | Ave | 0.2155 | 0.2388 | | 22.2 | 20.0 | 10.8 | 30.0 |
| Naphthalene | Ave | 2.239 | 1.903 | | 17.0 | 20.0 | -15.0 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.5303 | 0.4932 | | 18.6 | 20.0 | -7.0 | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2847 | 0.2913 | | 51.1 | 50.0 | 2.3 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2144 | 0.2047 | | 47.7 | 50.0 | -4.5 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.080 | 1.041 | | 48.2 | 50.0 | -3.6 | 30.0 |
| 4-Bromofluorobenzene | Ave | 0.2761 | 0.2765 | | 50.1 | 50.0 | 0.2 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20699.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 26-Jul-2025 21:00:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0194147-019
Operator ID: Instrument ID: CVOAMS8
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Jul-2025 13:50:15 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: NN6A Date: 27-Jul-2025 13:50:17

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 118 | 1.066 | 1.065 | 0.001 | 87 | 7571 | 20.0 | 31.8 | |
| 2 Dichlorodifluoromethane | 85 | 1.090 | 1.090 | 0.000 | 98 | 61578 | 20.0 | 20.1 | |
| 3 Chlorodifluoromethane | 67 | 1.102 | 1.102 | 0.000 | 97 | 8021 | 20.0 | 24.2 | |
| 4 Chloromethane | 50 | 1.212 | 1.217 | -0.005 | 99 | 43098 | 20.0 | 21.4 | |
| 5 Vinyl chloride | 62 | 1.266 | 1.266 | 0.000 | 82 | 45199 | 20.0 | 26.2 | |
| 6 Butadiene | 54 | 1.272 | 1.272 | 0.000 | 96 | 41008 | 20.0 | 28.2 | |
| 7 Bromomethane | 94 | 1.473 | 1.473 | 0.000 | 99 | 41654 | 20.0 | 24.5 | |
| 8 Chloroethane | 64 | 1.510 | 1.515 | -0.005 | 99 | 23868 | 20.0 | 26.5 | |
| 9 Dichlorofluoromethane | 67 | 1.625 | 1.631 | -0.006 | 99 | 78679 | 20.0 | 26.6 | |
| 10 Trichlorofluoromethane | 101 | 1.631 | 1.631 | 0.000 | 97 | 74395 | 20.0 | 26.4 | |
| 11 Pentane | 43 | 1.656 | 1.655 | 0.001 | 95 | 50885 | 40.0 | 44.6 | |
| 12 Ethanol | 46 | 1.759 | 1.765 | -0.006 | 95 | 4467 | 800.0 | 923.5 | |
| 13 Ethyl ether | 59 | 1.790 | 1.789 | 0.001 | 93 | 26224 | 20.0 | 20.4 | |
| 14 2-Methyl-1,3-butadiene | 53 | 1.808 | 1.807 | 0.001 | 94 | 30748 | 20.0 | 24.3 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.820 | 1.820 | 0.000 | 92 | 40434 | 20.0 | 21.4 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.863 | 1.862 | 0.001 | 92 | 65320 | 20.0 | 24.8 | a |
| 18 Acrolein | 56 | 1.917 | 1.917 | 0.000 | 65 | 8488 | 39.5 | 36.6 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.911 | 1.917 | -0.006 | 98 | 38334 | 20.0 | 24.4 | |
| 19 1,1-Dichloroethene | 96 | 1.942 | 1.941 | 0.001 | 91 | 50049 | 20.0 | 25.4 | |
| 20 Acetone | 43 | 2.002 | 2.002 | 0.000 | 88 | 40131 | 100.0 | 107.7 | |
| 21 Iodomethane | 142 | 2.057 | 2.057 | 0.000 | 97 | 124288 | 20.0 | 24.3 | |
| 22 Isopropyl alcohol | 45 | 2.063 | 2.069 | -0.006 | 99 | 16293 | 200.0 | 195.2 | |
| 23 Carbon disulfide | 76 | 2.082 | 2.081 | 0.001 | 98 | 180958 | 20.0 | 25.9 | |
| 24 3-Chloro-1-propene | 76 | 2.173 | 2.172 | 0.001 | 96 | 34750 | 20.0 | 19.5 | |
| 25 Methyl acetate | 43 | 2.179 | 2.179 | 0.000 | 98 | 50189 | 40.0 | 43.2 | |
| 26 Cyclopentene | 67 | 2.191 | 2.191 | 0.000 | 94 | 99965 | 20.0 | 17.6 | |
| 27 Acetonitrile | 41 | 2.221 | 2.221 | 0.000 | 99 | 43089 | 200.0 | 240.7 | |
| * 28 TBA-d9 (IS) | 65 | 2.258 | 2.264 | -0.006 | 89 | 156305 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.270 | 2.270 | 0.000 | 85 | 64924 | 20.0 | 24.2 | |
| 30 2-Methyl-2-propanol | 59 | 2.313 | 2.318 | -0.005 | 98 | 29307 | 200.0 | 188.0 | |

| 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 | 2.392 | 2.391 | 0.001 | 96 | 120419 | 20.0 | 20.5 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.416 | 2.416 | 0.000 | 89 | 62634 | 20.0 | 21.9 | |
| 33 Acrylonitrile | 53 | 2.471 | 2.471 | 0.000 | 95 | 148089 | 200.0 | 226.7 | |
| 34 Hexane | 57 | 2.532 | 2.531 | 0.001 | 91 | 18879 | 20.0 | 17.5 | |
| 35 Isopropyl ether | 45 | 2.696 | 2.702 | -0.006 | 97 | 110496 | 20.0 | 19.8 | |
| 36 1,1-Dichloroethane | 63 | 2.732 | 2.732 | 0.000 | 99 | 87130 | 20.0 | 20.9 | |
| 37 Vinyl acetate | 43 | 2.739 | 2.738 | 0.001 | 100 | 85067 | 40.0 | 26.0 | M |
| 38 2-Chloro-1,3-butadiene | 88 | 2.769 | 2.769 | 0.000 | 84 | 45123 | 20.0 | 20.1 | |
| 39 Tert-butyl ethyl ether | 59 | 2.958 | 2.963 | -0.005 | 89 | 119445 | 20.0 | 20.5 | |
| * 40 2-Butanone-d5 | 46 | 3.134 | 3.134 | 0.000 | 98 | 141304 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.140 | 3.140 | 0.000 | 90 | 17938 | 20.0 | 19.5 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.164 | 3.170 | -0.006 | 98 | 61957 | 20.0 | 19.9 | |
| 43 2-Butanone (MEK) | 72 | 3.183 | 3.182 | 0.001 | 97 | 16776 | 100.0 | 91.3 | |
| 44 Ethyl acetate | 70 | 3.183 | 3.188 | -0.005 | 93 | 6204 | 40.0 | 36.8 | |
| 45 Methyl acrylate | 55 | 3.231 | 3.237 | -0.006 | 99 | 23593 | 20.0 | 15.9 | |
| 46 Propionitrile | 54 | 3.298 | 3.298 | 0.000 | 98 | 44440 | 200.0 | 197.9 | |
| 47 Chlorobromomethane | 128 | 3.365 | 3.365 | 0.000 | 75 | 34899 | 20.0 | 20.2 | |
| 48 Tetrahydrofuran | 72 | 3.365 | 3.371 | -0.006 | 79 | 9213 | 40.0 | 40.2 | |
| 49 Methacrylonitrile | 67 | 3.383 | 3.383 | 0.000 | 88 | 147121 | 200.0 | 171.7 | |
| 50 Chloroform | 83 | 3.414 | 3.414 | 0.000 | 99 | 97029 | 20.0 | 20.8 | |
| 51 Cyclohexane | 84 | 3.523 | 3.523 | 0.000 | 85 | 41505 | 20.0 | 24.1 | |
| 52 1,1,1-Trichloroethane | 97 | 3.535 | 3.535 | 0.000 | 96 | 75776 | 20.0 | 23.3 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.554 | 3.553 | 0.001 | 96 | 131020 | 50.0 | 51.1 | |
| 54 Carbon tetrachloride | 117 | 3.645 | 3.645 | 0.000 | 95 | 63658 | 20.0 | 22.5 | |
| 55 1,1-Dichloropropene | 75 | 3.675 | 3.675 | 0.000 | 95 | 56204 | 20.0 | 18.6 | |
| 56 Isobutyl alcohol | 43 | 3.815 | 3.815 | 0.000 | 67 | 25991 | 500.0 | 441.6 | |
| 57 Isooctane | 57 | 3.821 | 3.821 | 0.000 | 86 | 45295 | 20.0 | 22.0 | |
| 58 Benzene | 78 | 3.852 | 3.852 | 0.000 | 95 | 175281 | 20.0 | 19.5 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.870 | 3.870 | 0.000 | 0 | 92064 | 50.0 | 47.7 | |
| 60 Isopropyl acetate | 43 | 3.913 | 3.912 | 0.001 | 76 | 84878 | 20.0 | 18.4 | |
| 61 Tert-amyl methyl ether | 55 | 3.913 | 3.918 | -0.005 | 87 | 27062 | 20.0 | 18.3 | |
| 62 1,2-Dichloroethane | 62 | 3.937 | 3.943 | -0.006 | 97 | 50559 | 20.0 | 18.5 | |
| 63 n-Heptane | 57 | 3.998 | 4.004 | -0.006 | 89 | 7979 | 20.0 | 15.4 | |
| * 64 Fluorobenzene | 96 | 4.126 | 4.125 | 0.001 | 100 | 449853 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.466 | 4.472 | -0.006 | 96 | 50477 | 20.0 | 19.3 | |
| 66 n-Butanol | 56 | 4.497 | 4.490 | 0.007 | 81 | 5580 | 500.0 | 202.2 | |
| 67 Methylcyclohexane | 83 | 4.576 | 4.582 | -0.006 | 95 | 34558 | 20.0 | 22.8 | |
| 68 Ethyl acrylate | 55 | 4.594 | 4.600 | -0.006 | 96 | 46816 | 20.0 | 16.9 | a |
| 69 1,2-Dichloropropane | 63 | 4.746 | 4.752 | -0.006 | 95 | 38371 | 20.0 | 19.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.825 | 4.819 | 0.006 | 0 | 15579 | 1000.0 | 1000.0 | |
| 71 Methyl methacrylate | 100 | 4.843 | 4.843 | 0.000 | 82 | 13717 | 40.0 | 31.2 | |
| 72 Dibromomethane | 93 | 4.880 | 4.880 | 0.000 | 98 | 34194 | 20.0 | 18.8 | |
| 73 1,4-Dioxane | 88 | 4.874 | 4.886 | -0.012 | 34 | 7176 | 400.0 | 308.5 | |
| 74 n-Propyl acetate | 43 | 4.910 | 4.910 | 0.000 | 97 | 26180 | 20.0 | 14.9 | |
| 75 Dichlorobromomethane | 83 | 5.038 | 5.044 | -0.006 | 98 | 57351 | 20.0 | 19.8 | |
| 76 2-Nitropropane | 41 | 5.379 | 5.385 | -0.006 | 90 | 9763 | 40.0 | 33.3 | |
| 77 2-Chloroethyl vinyl ether | 63 | 5.397 | 5.403 | -0.006 | 94 | 15615 | 20.0 | 14.5 | |
| 78 Epichlorohydrin | 57 | 5.513 | 5.506 | 0.007 | 87 | 2113 | 20.0 | 18.9 | a |
| 79 cis-1,3-Dichloropropene | 75 | 5.555 | 5.561 | -0.006 | 87 | 55496 | 20.0 | 17.7 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.732 | 5.737 | -0.005 | 95 | 112926 | 100.0 | 107.3 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.805 | 5.804 | 0.001 | 99 | 290925 | 50.0 | 48.2 | |
| 82 Toluene | 91 | 5.890 | 5.889 | 0.001 | 93 | 147983 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 83 trans-1,3-Dichloropropene | 75 | 6.291 | 6.291 | 0.000 | 91 | 43141 | 20.0 | 18.0 | |
| 84 Ethyl methacrylate | 69 | 6.334 | 6.334 | 0.000 | 85 | 28115 | 20.0 | 15.7 | |
| 85 1,1,2-Trichloroethane | 83 | 6.516 | 6.516 | 0.000 | 95 | 26883 | 20.0 | 16.9 | |
| 86 Tetrachloroethene | 166 | 6.547 | 6.546 | 0.001 | 93 | 31348 | 20.0 | 17.5 | |
| 87 1,3-Dichloropropane | 76 | 6.741 | 6.741 | 0.000 | 89 | 44109 | 20.0 | 17.5 | |
| 88 2-Hexanone | 58 | 6.839 | 6.832 | 0.007 | 95 | 34741 | 100.0 | 92.8 | |
| 89 n-Butyl acetate | 43 | 6.985 | 6.984 | 0.001 | 81 | 27480 | 20.0 | 17.1 | |
| 90 Chlorodibromomethane | 129 | 6.991 | 6.997 | -0.006 | 97 | 42360 | 20.0 | 19.0 | |
| 91 Ethylene Dibromide | 107 | 7.149 | 7.149 | 0.000 | 99 | 36149 | 20.0 | 17.3 | |
| * 92 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 81 | 279553 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.800 | 7.800 | 0.000 | 98 | 96349 | 20.0 | 19.5 | |
| 94 Ethylbenzene | 106 | 7.916 | 7.921 | -0.005 | 97 | 40901 | 20.0 | 20.1 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.934 | 7.934 | 0.000 | 96 | 45729 | 20.0 | 22.3 | |
| 96 m-Xylene & p-Xylene | 106 | 8.080 | 8.080 | 0.000 | 0 | 48750 | 20.0 | 20.2 | |
| 97 o-Xylene | 106 | 8.548 | 8.548 | 0.000 | 95 | 57090 | 20.0 | 21.5 | |
| 98 n-Butyl acrylate | 73 | 8.573 | 8.578 | -0.005 | 97 | 19228 | 20.0 | 18.3 | |
| 99 Styrene | 104 | 8.585 | 8.584 | 0.001 | 98 | 82628 | 20.0 | 20.2 | |
| 100 Bromoform | 173 | 8.804 | 8.803 | 0.001 | 98 | 24903 | 20.0 | 18.5 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.828 | 8.828 | 0.000 | 91 | 40690 | 20.0 | 18.5 | |
| 137 (-)-a-Pinene | 93 | 8.865 | 8.864 | 0.001 | 0 | 23522 | 20.0 | 19.7 | |
| 102 Isopropylbenzene | 105 | 8.944 | 8.943 | 0.001 | 95 | 107399 | 20.0 | 23.7 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.144 | 9.150 | -0.006 | 96 | 77298 | 50.0 | 50.1 | |
| 104 Bromobenzene | 156 | 9.272 | 9.272 | 0.000 | 89 | 39368 | 20.0 | 17.6 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.351 | 9.351 | 0.000 | 99 | 42882 | 20.0 | 17.7 | |
| 106 N-Propylbenzene | 91 | 9.357 | 9.363 | -0.006 | 100 | 106416 | 20.0 | 20.6 | |
| 107 1,2,3-Trichloropropane | 110 | 9.388 | 9.387 | 0.001 | 95 | 10462 | 20.0 | 17.4 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.418 | 9.418 | 0.000 | 94 | 4978 | 20.0 | 14.9 | |
| 109 2-Chlorotoluene | 91 | 9.455 | 9.454 | 0.001 | 95 | 91648 | 20.0 | 20.2 | |
| 110 4-Ethyltoluene | 105 | 9.479 | 9.479 | 0.000 | 98 | 90949 | 20.0 | 20.2 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.546 | 9.546 | 0.000 | 93 | 84653 | 20.0 | 21.8 | |
| 112 4-Chlorotoluene | 91 | 9.570 | 9.570 | 0.000 | 96 | 84861 | 20.0 | 19.2 | |
| 113 Butyl Methacrylate | 87 | 9.668 | 9.667 | 0.001 | 82 | 37019 | 20.0 | 19.4 | |
| 114 tert-Butylbenzene | 119 | 9.826 | 9.825 | 0.001 | 95 | 60083 | 20.0 | 19.8 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.887 | 9.886 | 0.001 | 96 | 87642 | 20.0 | 21.1 | |
| 116 sec-Butylbenzene | 105 | 10.027 | 10.026 | 0.001 | 100 | 85705 | 20.0 | 20.9 | |
| 117 1,3-Dichlorobenzene | 146 | 10.148 | 10.148 | 0.000 | 97 | 58025 | 20.0 | 20.0 | |
| 118 4-Isopropyltoluene | 119 | 10.160 | 10.160 | 0.000 | 98 | 72425 | 20.0 | 20.1 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.215 | 10.215 | 0.000 | 92 | 130823 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.233 | 10.233 | 0.000 | 96 | 60366 | 20.0 | 19.9 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.258 | 10.257 | 0.001 | 97 | 102318 | 20.0 | 21.3 | |
| 122 Benzyl chloride | 91 | 10.367 | 10.367 | 0.000 | 100 | 54106 | 20.0 | 15.8 | |
| 123 2,3-Dihydroindene | 117 | 10.422 | 10.422 | 0.000 | 94 | 115299 | 20.0 | 23.9 | |
| 124 p-Diethylbenzene | 119 | 10.483 | 10.482 | 0.001 | 94 | 44024 | 20.0 | 21.2 | |
| 125 n-Butylbenzene | 92 | 10.507 | 10.507 | 0.000 | 97 | 33614 | 20.0 | 20.6 | |
| 126 1,2-Dichlorobenzene | 146 | 10.550 | 10.549 | 0.001 | 98 | 66578 | 20.0 | 20.7 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.115 | 11.115 | 0.000 | 97 | 76142 | 20.0 | 20.9 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.195 | 11.194 | 0.001 | 89 | 9653 | 20.0 | 16.5 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.304 | 11.304 | 0.000 | 97 | 33371 | 20.0 | 20.7 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.785 | 11.784 | 0.001 | 95 | 31982 | 20.0 | 20.3 | |
| 131 Hexachlorobutadiene | 225 | 11.864 | 11.863 | 0.001 | 94 | 12495 | 20.0 | 22.2 | |
| 132 Naphthalene | 128 | 11.961 | 11.961 | 0.000 | 100 | 99588 | 20.0 | 17.0 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.137 | 12.137 | 0.000 | 96 | 25811 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 41.8 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 41.6 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 100.5 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS C SP_00632 | Amount Added: | 20.00 | Units: uL | |
| 7 Freons SS_00030 | Amount Added: | 20.00 | Units: uL | |
| alpha-Pinene_00014 | Amount Added: | 20.00 | Units: uL | |
| 8260 SP_00196 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN SP_00179 | Amount Added: | 4.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00255 | Amount Added: | 1.00 | Units: uL | Run Reagent |

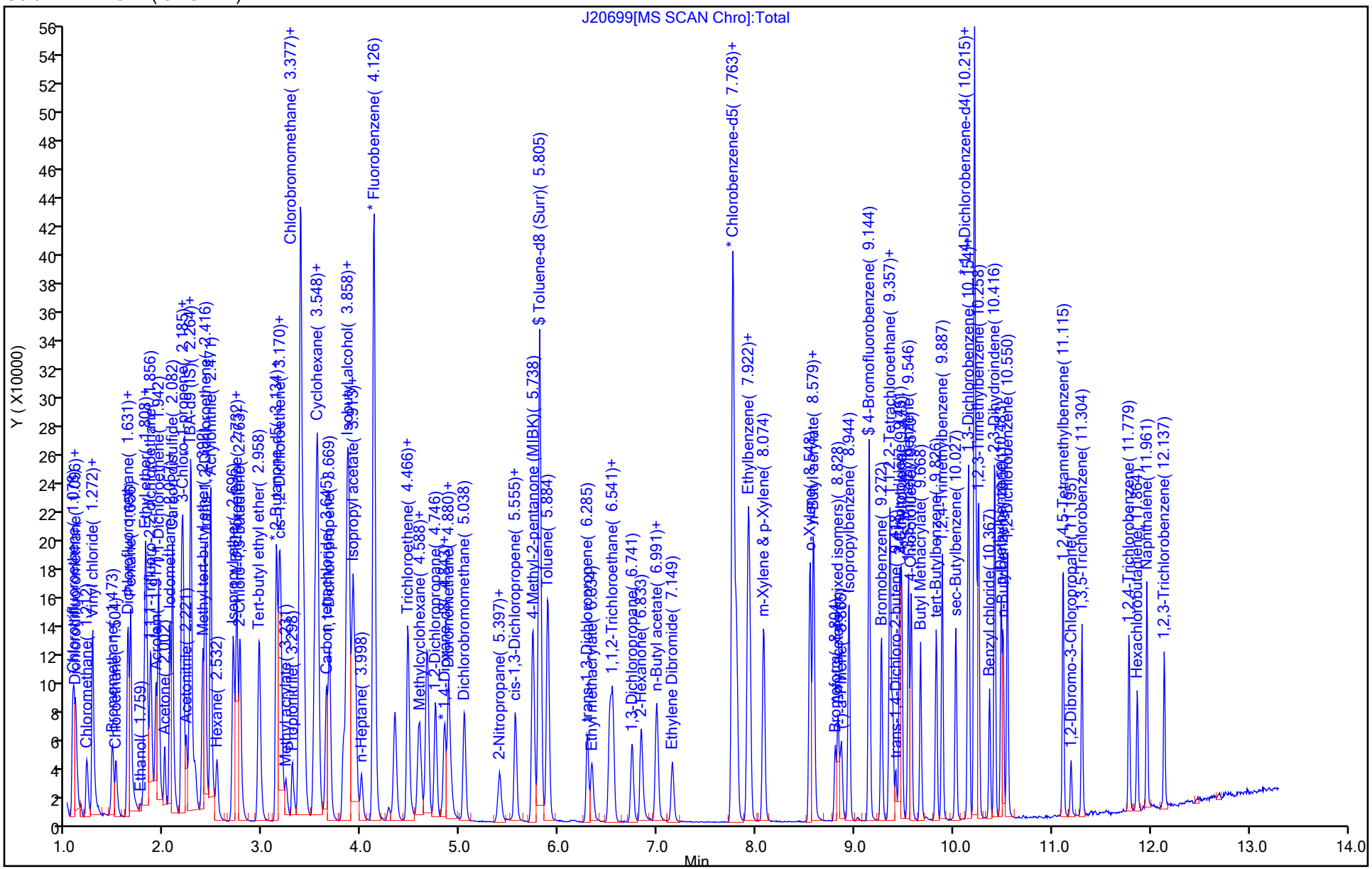
Report Date: 27-Jul-2025 13:50:17 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20699.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 21:00:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | ICV | | | Worklist Smp#: | 19 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 18 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

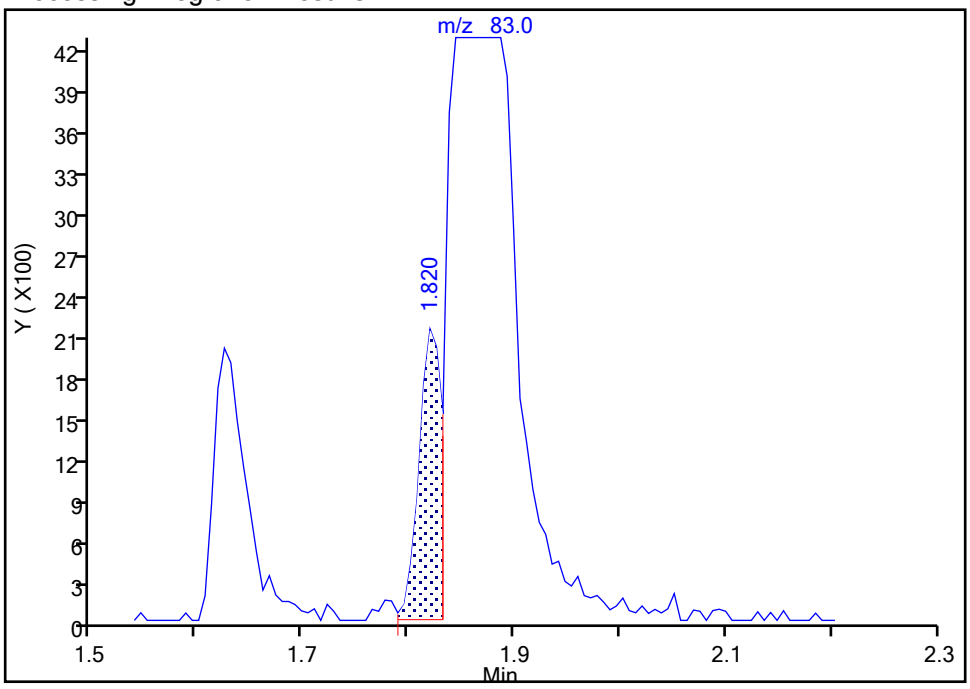
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20699.D
Injection Date: 26-Jul-2025 21:00:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

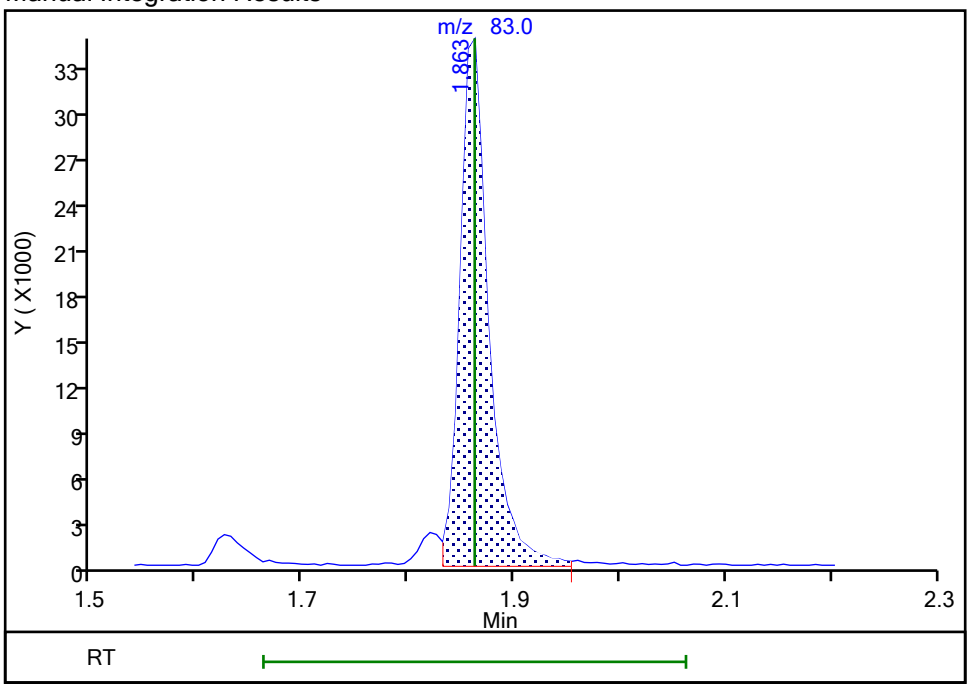
Processing Integration Results

RT: 1.82
Area: 3253
Amount: 0
Amount Units: ug/l




Manual Integration Results

RT: 1.86
Area: 65320
Amount: 24.803731
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 13:24:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

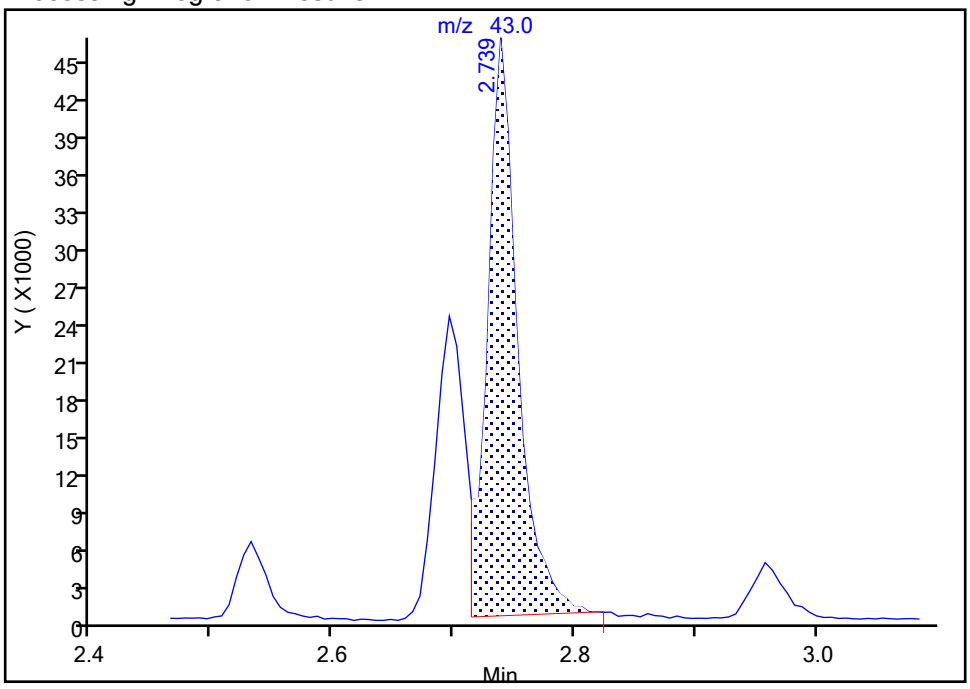
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20699.D
Injection Date: 26-Jul-2025 21:00:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 37 Vinyl acetate, CAS: 108-05-4

Signal: 1

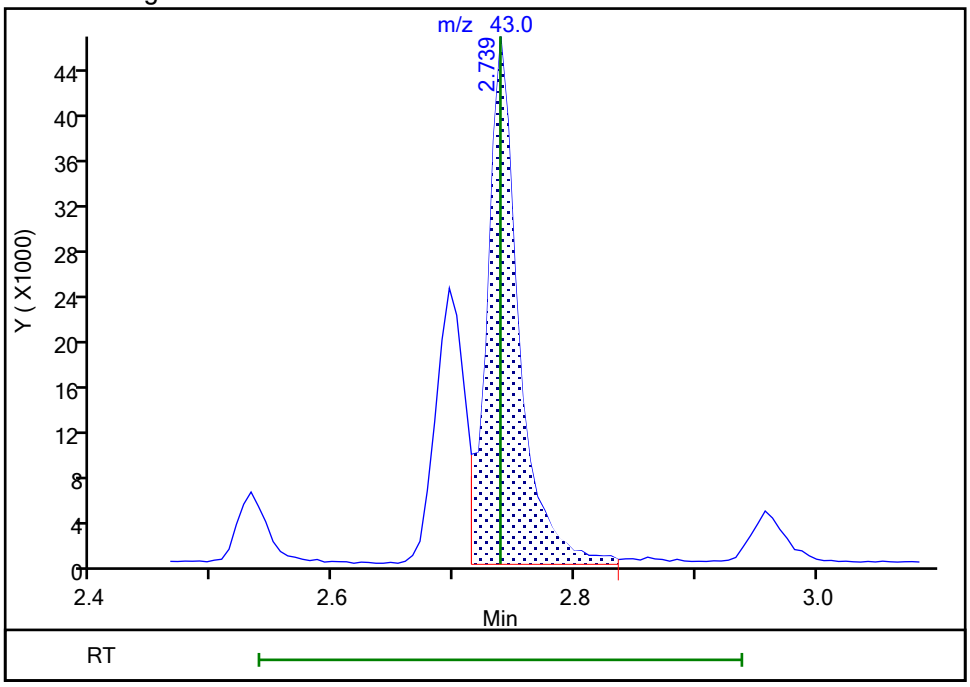
Processing Integration Results

RT: 2.74
Area: 81710
Amount: 23.122693
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 85067
Amount: 25.987444
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 13:35:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

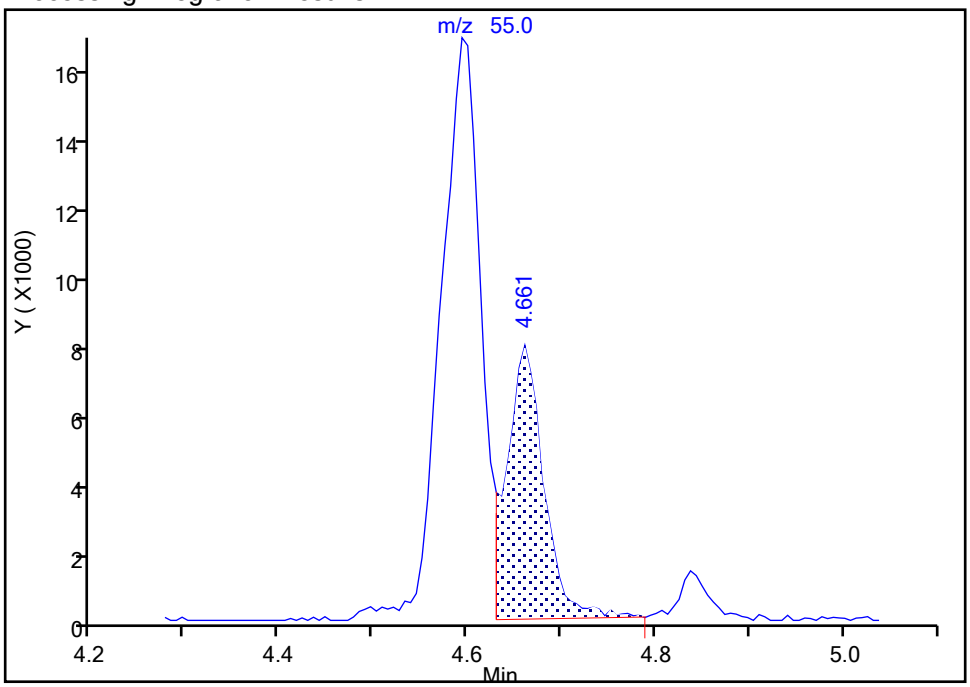
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20699.D
Injection Date: 26-Jul-2025 21:00:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 68 Ethyl acrylate, CAS: 140-88-5

Signal: 1

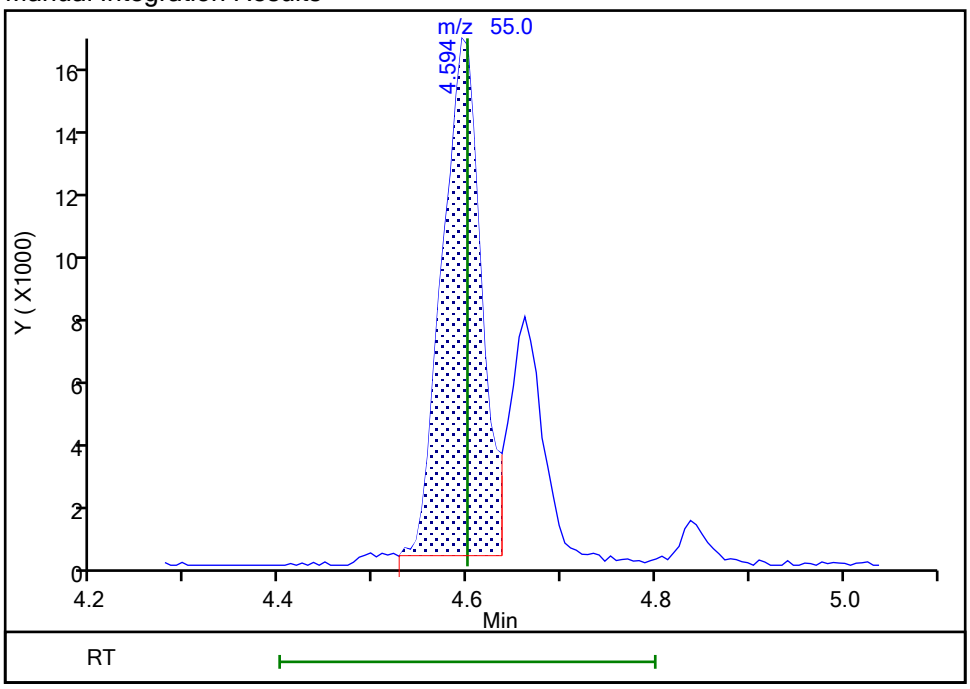
Processing Integration Results

RT: 4.66
Area: 21129
Amount: 7.241801
Amount Units: ug/l




Manual Integration Results

RT: 4.59
Area: 46816
Amount: 16.920321
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 13:24:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

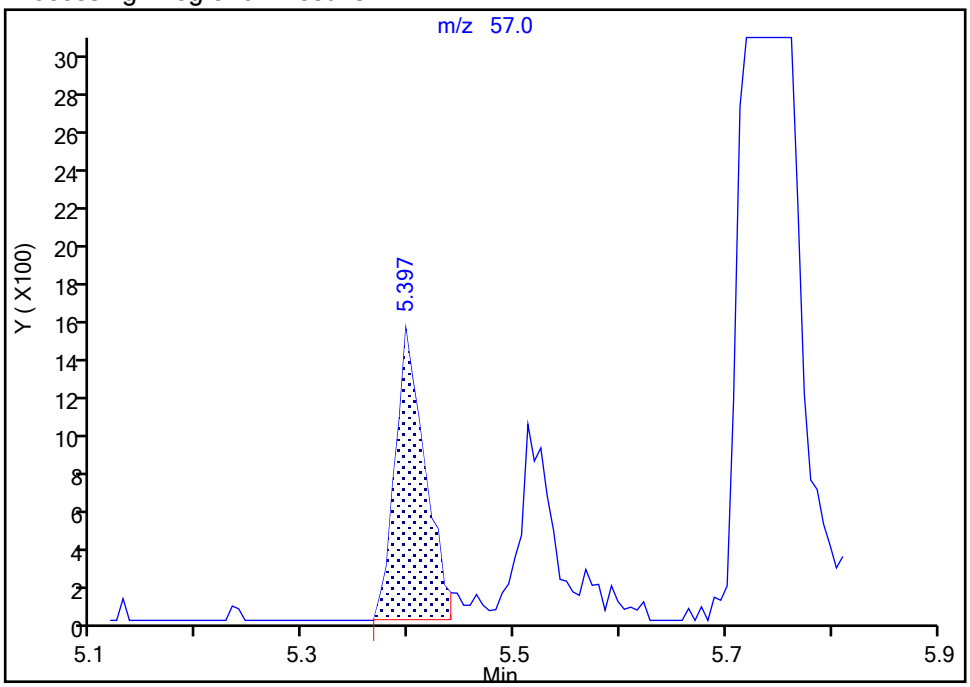
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20699.D
Injection Date: 26-Jul-2025 21:00:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 78 Epichlorohydrin, CAS: 106-89-8

Signal: 1

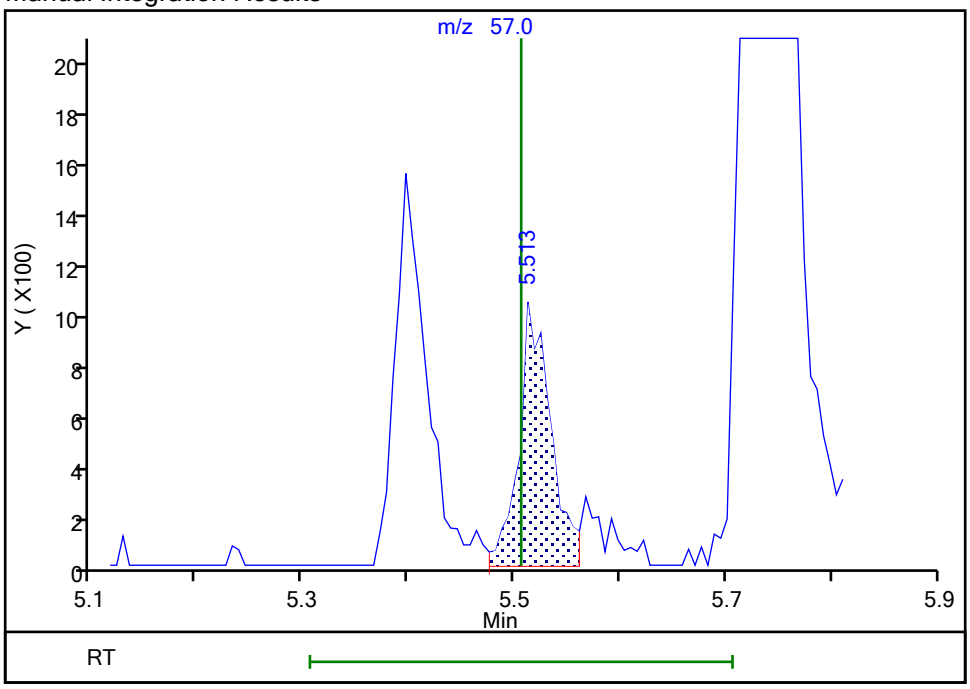
Processing Integration Results

RT: 5.40
Area: 2990
Amount: 23.870350
Amount Units: ug/l




Manual Integration Results

RT: 5.51
Area: 2113
Amount: 18.882427
Amount Units: ug/l




Reviewer: NN6A, 27-Jul-2025 13:24:51 -04:00:00 (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.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055943/3 Calibration Date: 08/16/2025 08:30

Instrument ID: CVOAMS8 Calib Start Date: 07/26/2025 14:53

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/26/2025 17:56

Lab File ID: J21509.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 | 0.0265 | 0.0227 | | 17.2 | 20.0 | -14.1 | 20.0 |
| Dichlorodifluoromethane | Ave | 0.3400 | 0.3015 | 0.1000 | 17.7 | 20.0 | -11.3 | 20.0 |
| Chlorodifluoromethane | Ave | 0.0368 | 0.0372 | | 20.2 | 20.0 | 1.1 | 20.0 |
| Chloromethane | Ave | 0.2241 | 0.2087 | 0.0050 | 18.6 | 20.0 | -6.9 | 20.0 |
| Butadiene | Ave | 0.1615 | 0.1783 | | 22.1 | 20.0 | 10.4 | 20.0 |
| Vinyl chloride | Ave | 0.1914 | 0.1992 | 0.0050 | 20.8 | 20.0 | 4.1 | 20.0 |
| Bromomethane | Ave | 0.1891 | 0.2394 | 0.0050 | 25.3 | 20.0 | 26.6 | 50.0 |
| Chloroethane | Ave | 0.1000 | 0.1510 | 0.0050 | 30.2 | 20.0 | 51.0* | 50.0 |
| Dichlorofluoromethane | Ave | 0.3286 | 0.5038 | | 30.7 | 20.0 | 53.3* | 20.0 |
| Trichlorofluoromethane | Ave | 0.3138 | 0.4185 | 0.1000 | 26.7 | 20.0 | 33.4* | 20.0 |
| Pentane | Ave | 0.1268 | 0.2337 | | 73.7 | 40.0 | 84.3* | 20.0 |
| Ethanol | Ave | 0.0309 | 0.0463 | | 1200 | 800 | 49.7 | 50.0 |
| Ethyl ether | Lin2 | | 0.2090 | | 29.6 | 20.0 | 47.8* | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.1404 | 0.2202 | | 31.4 | 20.0 | 56.9* | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.2100 | 0.2650 | | 25.2 | 20.0 | 26.2* | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.2927 | 0.4035 | | 27.6 | 20.0 | 37.8* | 20.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.1743 | 0.2308 | 0.1000 | 26.5 | 20.0 | 32.5* | 20.0 |
| Acrolein | Ave | 1.485 | 2.235 | | 60.2 | 40.0 | 50.5* | 50.0 |
| 1,1-Dichloroethene | Ave | 0.2187 | 0.3165 | 0.1000 | 28.9 | 20.0 | 44.7* | 20.0 |
| Acetone | Ave | 0.6590 | 0.8552 | 0.0010 | 130 | 100 | 29.8 | 50.0 |
| Iodomethane | Ave | 0.5684 | 0.6584 | | 23.2 | 20.0 | 15.8 | 20.0 |
| Isopropyl alcohol | Ave | 0.5340 | 0.5613 | | 210 | 200 | 5.1 | 50.0 |
| Carbon disulfide | Ave | 0.7755 | 0.8831 | 0.1000 | 22.8 | 20.0 | 13.9 | 50.0 |
| 3-Chloro-1-propene | Ave | 0.1978 | 0.2059 | | 20.8 | 20.0 | 4.1 | 20.0 |
| Methyl acetate | Ave | 7.425 | 8.226 | 0.0500 | 44.3 | 40.0 | 10.8 | 20.0 |
| Cyclopentene | Ave | 0.6311 | 0.7225 | | 22.9 | 20.0 | 14.5 | 20.0 |
| Acetonitrile | Ave | 1.145 | 1.123 | | 196 | 200 | -1.9 | 20.0 |
| Methylene Chloride | Ave | 0.2986 | 0.3361 | 0.1000 | 22.5 | 20.0 | 12.5 | 20.0 |
| 2-Methyl-2-propanol | Ave | 0.998 | 0.9278 | | 186 | 200 | -7.0 | 50.0 |
| Methyl tert-butyl ether | Ave | 0.6544 | 0.7103 | 0.1000 | 21.7 | 20.0 | 8.5 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.3178 | 0.3383 | 0.1000 | 21.3 | 20.0 | 6.4 | 20.0 |
| Acrylonitrile | Ave | 4.179 | 4.686 | | 224 | 200 | 12.1 | 20.0 |
| Hexane | Ave | 0.1198 | 0.1318 | | 22.0 | 20.0 | 10.0 | 20.0 |
| Isopropyl ether | Ave | 0.6193 | 0.6576 | | 21.2 | 20.0 | 6.2 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.4637 | 0.4820 | 0.2000 | 20.8 | 20.0 | 3.9 | 20.0 |
| Vinyl acetate | Ave | 0.3638 | 0.4004 | | 44.0 | 40.0 | 10.0 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2493 | 0.2504 | | 20.1 | 20.0 | 0.4 | 20.0 |
| Tert-butyl ethyl ether | Ave | 0.6476 | 0.7025 | | 21.7 | 20.0 | 8.5 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.1020 | 0.1149 | | 22.5 | 20.0 | 12.6 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055943/3 Calibration Date: 08/16/2025 08:30

Instrument ID: CVOAMS8 Calib Start Date: 07/26/2025 14:53

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/26/2025 17:56

Lab File ID: J21509.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 | 0.3459 | 0.3607 | 0.1000 | 20.9 | 20.0 | 4.3 | 20.0 |
| 2-Butanone (MEK) | Ave | 0.3251 | 0.3268 | 0.0100 | 101 | 100 | 0.5 | 50.0 |
| Ethyl acetate | Ave | 0.2986 | 0.2979 | | 39.9 | 40.0 | -0.2 | 20.0 |
| Methyl acrylate | Ave | 0.1648 | 0.1443 | | 17.5 | 20.0 | -12.5 | 20.0 |
| Propionitrile | Ave | 1.437 | 1.521 | | 212 | 200 | 5.9 | 20.0 |
| Chlorobromomethane | Ave | 0.1922 | 0.2004 | | 20.9 | 20.0 | 4.3 | 20.0 |
| Tetrahydrofuran | Ave | 0.4053 | 0.3858 | | 38.1 | 40.0 | -4.8 | 20.0 |
| Methacrylonitrile | Ave | 0.0952 | 0.0901 | | 189 | 200 | -5.4 | 20.0 |
| Chloroform | Ave | 0.5190 | 0.5572 | 0.2000 | 21.5 | 20.0 | 7.4 | 20.0 |
| Cyclohexane | Ave | 0.1918 | 0.2268 | 0.1000 | 23.7 | 20.0 | 18.3 | 50.0 |
| 1,1,1-Trichloroethane | Ave | 0.3620 | 0.4026 | 0.1000 | 22.2 | 20.0 | 11.2 | 20.0 |
| Carbon tetrachloride | Ave | 0.3146 | 0.3446 | 0.1000 | 21.9 | 20.0 | 9.5 | 20.0 |
| 1,1-Dichloropropene | Ave | 0.3361 | 0.3444 | | 20.5 | 20.0 | 2.5 | 20.0 |
| Isobutyl alcohol | Lin | | 0.3495 | | 463 | 500 | -7.4 | 20.0 |
| Isooctane | Ave | 0.2284 | 0.3357 | | 29.4 | 20.0 | 47.0* | 20.0 |
| Benzene | Ave | 1.604 | 1.520 | 0.5000 | 19.0 | 20.0 | -5.2 | 20.0 |
| Isopropyl acetate | Ave | 0.5122 | 0.4888 | | 19.1 | 20.0 | -4.6 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.1641 | 0.1429 | | 17.4 | 20.0 | -12.9 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.3044 | 0.3026 | 0.1000 | 19.9 | 20.0 | -0.6 | 20.0 |
| n-Heptane | Ave | 0.0576 | 0.0713 | | 24.8 | 20.0 | 23.8* | 20.0 |
| Trichloroethene | Ave | 0.2913 | 0.2904 | 0.2000 | 19.9 | 20.0 | -0.3 | 20.0 |
| n-Butanol | Ave | 0.1766 | 0.0855 | | 242 | 500 | -51.6* | 50.0 |
| Methylcyclohexane | Ave | 0.1682 | 0.2017 | 0.1000 | 24.0 | 20.0 | 19.9 | 50.0 |
| Ethyl acrylate | Lin2 | | 0.2852 | | 18.5 | 20.0 | -7.6 | 20.0 |
| 1,2-Dichloropropane | Ave | 0.2247 | 0.2203 | 0.1000 | 19.6 | 20.0 | -2.0 | 20.0 |
| Methyl methacrylate | Ave | 0.0489 | 0.0440 | | 36.0 | 40.0 | -10.0 | 20.0 |
| 1,4-Dioxane | QuaF | | 1.133 | | 304 | 400 | -24.1 | 50.0 |
| Dibromomethane | Ave | 0.2019 | 0.1978 | | 19.6 | 20.0 | -2.0 | 20.0 |
| n-Propyl acetate | Ave | 0.1953 | 0.1532 | | 15.7 | 20.0 | -21.5* | 20.0 |
| Dichlorobromomethane | Ave | 0.3212 | 0.3328 | 0.2000 | 20.7 | 20.0 | 3.6 | 20.0 |
| 2-Nitropropane | Ave | 1.875 | 2.108 | | 45.0 | 40.0 | 12.4 | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1195 | 0.1017 | | 17.1 | 20.0 | -14.9 | 20.0 |
| Epichlorohydrin | Ave | 0.1980 | 0.2227 | | 450 | 400 | 12.5 | 20.0 |
| cis-1,3-Dichloropropene | Ave | 0.5598 | 0.5459 | 0.2000 | 19.5 | 20.0 | -2.5 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 1.862 | 1.970 | 0.0500 | 106 | 100 | 5.8 | 50.0 |
| Toluene | Ave | 1.378 | 1.345 | 0.4000 | 19.5 | 20.0 | -2.4 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.4296 | 0.4122 | 0.1000 | 19.2 | 20.0 | -4.1 | 50.0 |
| Ethyl methacrylate | Ave | 0.1997 | 0.1844 | | 18.5 | 20.0 | -7.7 | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.2853 | 0.2519 | 0.1000 | 17.7 | 20.0 | -11.7 | 20.0 |
| Tetrachloroethene | Ave | 0.3204 | 0.3112 | 0.2000 | 19.4 | 20.0 | -2.9 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.4500 | 0.4087 | | 18.2 | 20.0 | -9.2 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055943/3 Calibration Date: 08/16/2025 08:30

Instrument ID: CVOAMS8 Calib Start Date: 07/26/2025 14:53

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/26/2025 17:56

Lab File ID: J21509.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 | 0.6624 | 0.7538 | 0.0500 | 114 | 100 | 13.8 | 50.0 |
| n-Butyl acetate | Ave | 0.2876 | 0.2900 | | 20.2 | 20.0 | 0.8 | 20.0 |
| Chlorodibromomethane | Ave | 0.3981 | 0.4079 | 0.1000 | 20.5 | 20.0 | 2.5 | 50.0 |
| Ethylene Dibromide | Ave | 0.3731 | 0.3423 | 0.1000 | 18.3 | 20.0 | -8.3 | 20.0 |
| Chlorobenzene | Ave | 0.8815 | 0.8971 | 0.5000 | 20.4 | 20.0 | 1.8 | 20.0 |
| Ethylbenzene | Ave | 0.3635 | 0.3831 | 0.1000 | 21.1 | 20.0 | 5.4 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3662 | 0.4005 | | 21.9 | 20.0 | 9.4 | 20.0 |
| m-Xylene & p-Xylene | Ave | 0.4325 | 0.4581 | 0.1000 | 21.2 | 20.0 | 5.9 | 20.0 |
| o-Xylene | Ave | 0.4751 | 0.5004 | 0.3000 | 21.1 | 20.0 | 5.3 | 20.0 |
| n-Butyl acrylate | Ave | 0.1875 | 0.1940 | | 20.7 | 20.0 | 3.4 | 20.0 |
| Styrene | Ave | 0.7298 | 0.7339 | 0.3000 | 20.1 | 20.0 | 0.6 | 20.0 |
| Bromoform | Ave | 0.2405 | 0.2406 | 0.1000 | 20.0 | 20.0 | 0.0 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 0.8413 | 0.8979 | | 21.3 | 20.0 | 6.7 | 20.0 |
| Isopropylbenzene | Ave | 0.8116 | 0.8903 | 0.1000 | 21.9 | 20.0 | 9.7 | 20.0 |
| Bromobenzene | Ave | 0.8540 | 1.052 | | 24.6 | 20.0 | 23.2* | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.9245 | 0.8616 | 0.3000 | 18.6 | 20.0 | -6.8 | 20.0 |
| N-Propylbenzene | Ave | 1.976 | 2.117 | | 21.4 | 20.0 | 7.1 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.2292 | 0.1938 | | 16.9 | 20.0 | -15.4 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.1275 | 0.0880 | | 13.8 | 20.0 | -30.9* | 20.0 |
| 2-Chlorotoluene | Ave | 1.731 | 1.729 | | 20.0 | 20.0 | -0.1 | 20.0 |
| 4-Ethyltoluene | Ave | 1.718 | 1.806 | | 21.0 | 20.0 | 5.1 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.483 | 1.596 | | 21.5 | 20.0 | 7.6 | 20.0 |
| 4-Chlorotoluene | Ave | 1.685 | 1.578 | | 18.7 | 20.0 | -6.4 | 20.0 |
| Butyl Methacrylate | Ave | 0.7282 | 0.8413 | | 23.1 | 20.0 | 15.5 | 20.0 |
| tert-Butylbenzene | Ave | 1.162 | 1.180 | | 20.3 | 20.0 | 1.5 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.584 | 1.750 | | 22.1 | 20.0 | 10.5 | 20.0 |
| sec-Butylbenzene | Ave | 1.571 | 1.782 | | 22.7 | 20.0 | 13.5 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.108 | 1.202 | 0.6000 | 21.7 | 20.0 | 8.5 | 20.0 |
| 4-Isopropyltoluene | Ave | 1.379 | 1.622 | | 23.5 | 20.0 | 17.6 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.161 | 1.195 | 0.5000 | 20.6 | 20.0 | 2.9 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 1.833 | 1.968 | | 21.5 | 20.0 | 7.4 | 20.0 |
| Benzyl chloride | Ave | 1.308 | 1.313 | | 20.1 | 20.0 | 0.4 | 50.0 |
| Indan | Ave | 1.846 | 1.829 | | 19.8 | 20.0 | -0.9 | 20.0 |
| p-Diethylbenzene | Ave | 0.7925 | 0.8486 | | 21.4 | 20.0 | 7.1 | 20.0 |
| n-Butylbenzene | Ave | 0.6246 | 0.6675 | | 21.4 | 20.0 | 6.9 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.230 | 1.206 | 0.4000 | 19.6 | 20.0 | -2.0 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 1.395 | 1.564 | | 22.4 | 20.0 | 12.1 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.2235 | 0.1912 | 0.0500 | 17.1 | 20.0 | -14.5 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.6170 | 0.7232 | | 23.4 | 20.0 | 17.2 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6010 | 0.7284 | 0.2000 | 24.2 | 20.0 | 21.2* | 20.0 |
| Hexachlorobutadiene | Ave | 0.2155 | 0.2642 | | 24.5 | 20.0 | 22.6* | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055943/3  Calibration Date: 08/16/2025 08:30

Instrument ID: CVOAMS8  Calib Start Date: 07/26/2025 14:53

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 07/26/2025 17:56

Lab File ID: J21509.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 | 2.239 | 2.278 | | 20.3 | 20.0 | 1.7 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.5303 | 0.6437 | | 24.3 | 20.0 | 21.4* | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2847 | 0.2860 | | 50.2 | 50.0 | 0.4 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2144 | 0.2116 | | 49.3 | 50.0 | -1.3 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.080 | 0.9762 | | 45.2 | 50.0 | -9.6 | 20.0 |
| 4-Bromofluorobenzene | Ave | 0.2761 | 0.2801 | | 50.7 | 50.0 | 1.4 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21509.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 16-Aug-2025 08:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0194998-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub73

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 12:55:20 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: RD6L Date: 16-Aug-2025 11:59:03

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 118 | 1.065 | 1.065 | 0.000 | 84 | 5142 | 20.0 | 17.2 | |
| 2 Dichlorodifluoromethane | 85 | 1.083 | 1.083 | 0.000 | 99 | 68149 | 20.0 | 17.7 | |
| 3 Chlorodifluoromethane | 67 | 1.101 | 1.101 | 0.000 | 97 | 8412 | 20.0 | 20.2 | |
| 4 Chloromethane | 50 | 1.205 | 1.205 | 0.000 | 99 | 47180 | 20.0 | 18.6 | |
| 5 Vinyl chloride | 62 | 1.266 | 1.266 | 0.000 | 84 | 45030 | 20.0 | 20.8 | |
| 6 Butadiene | 54 | 1.266 | 1.266 | 0.000 | 96 | 40311 | 20.0 | 22.1 | |
| 7 Bromomethane | 94 | 1.466 | 1.466 | 0.000 | 99 | 54121 | 20.0 | 25.3 | |
| 8 Chloroethane | 64 | 1.509 | 1.509 | 0.000 | 100 | 34123 | 20.0 | 30.2 | |
| 9 Dichlorofluoromethane | 67 | 1.624 | 1.624 | 0.000 | 96 | 113888 | 20.0 | 30.7 | |
| 10 Trichlorofluoromethane | 101 | 1.624 | 1.624 | 0.000 | 89 | 94596 | 20.0 | 26.7 | |
| 11 Pentane | 43 | 1.649 | 1.649 | 0.000 | 95 | 105649 | 40.0 | 73.7 | |
| 12 Ethanol | 46 | 1.752 | 1.752 | 0.000 | 94 | 7003 | 800.0 | 1197.5 | |
| 13 Ethyl ether | 59 | 1.783 | 1.783 | 0.000 | 98 | 47246 | 20.0 | 29.6 | |
| 14 2-Methyl-1,3-butadiene | 53 | 1.795 | 1.795 | 0.000 | 95 | 49781 | 20.0 | 31.4 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.813 | 1.813 | 0.000 | 91 | 59896 | 20.0 | 25.2 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.850 | 1.850 | 0.000 | 92 | 91203 | 20.0 | 27.6 | a |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.904 | 1.904 | 0.000 | 97 | 52184 | 20.0 | 26.5 | |
| 18 Acrolein | 56 | 1.904 | 1.904 | 0.000 | 66 | 16897 | 40.0 | 60.2 | |
| 19 1,1-Dichloroethene | 96 | 1.935 | 1.935 | 0.000 | 94 | 71553 | 20.0 | 28.9 | |
| 20 Acetone | 43 | 1.990 | 1.990 | 0.000 | 88 | 64079 | 100.0 | 129.8 | |
| 21 Iodomethane | 142 | 2.044 | 2.044 | 0.000 | 97 | 148839 | 20.0 | 23.2 | |
| 22 Isopropyl alcohol | 45 | 2.056 | 2.056 | 0.000 | 100 | 21215 | 200.0 | 210.2 | a |
| 23 Carbon disulfide | 76 | 2.075 | 2.075 | 0.000 | 98 | 199617 | 20.0 | 22.8 | |
| 24 3-Chloro-1-propene | 76 | 2.160 | 2.160 | 0.000 | 95 | 46555 | 20.0 | 20.8 | |
| 25 Methyl acetate | 43 | 2.166 | 2.166 | 0.000 | 97 | 62176 | 40.0 | 44.3 | |
| 26 Cyclopentene | 67 | 2.178 | 2.178 | 0.000 | 95 | 163313 | 20.0 | 22.9 | |
| 27 Acetonitrile | 41 | 2.209 | 2.209 | 0.000 | 97 | 42460 | 200.0 | 196.2 | a |
| * 28 TBA-d9 (IS) | 65 | 2.251 | 2.251 | 0.000 | 94 | 188969 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.257 | 2.257 | 0.000 | 84 | 75965 | 20.0 | 22.5 | |
| 30 2-Methyl-2-propanol | 59 | 2.300 | 2.300 | 0.000 | 98 | 35066 | 200.0 | 186.0 | |

| 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 | 2.379 | 2.379 | 0.000 | 96 | 160568 | 20.0 | 21.7 | |
| 32 trans-1,2-Dichloroethene | 96 | 2.403 | 2.403 | 0.000 | 89 | 76464 | 20.0 | 21.3 | |
| 33 Acrylonitrile | 53 | 2.458 | 2.458 | 0.000 | 94 | 177105 | 200.0 | 224.3 | |
| 34 Hexane | 57 | 2.519 | 2.519 | 0.000 | 92 | 29800 | 20.0 | 22.0 | |
| 35 Isopropyl ether | 45 | 2.683 | 2.683 | 0.000 | 97 | 148654 | 20.0 | 21.2 | |
| 36 1,1-Dichloroethane | 63 | 2.720 | 2.720 | 0.000 | 99 | 108957 | 20.0 | 20.8 | |
| 37 Vinyl acetate | 43 | 2.726 | 2.726 | 0.000 | 100 | 181015 | 40.0 | 44.0 | |
| 38 2-Chloro-1,3-butadiene | 88 | 2.756 | 2.756 | 0.000 | 86 | 56596 | 20.0 | 20.1 | |
| 39 Tert-butyl ethyl ether | 59 | 2.945 | 2.945 | 0.000 | 89 | 158805 | 20.0 | 21.7 | |
| * 40 2-Butanone-d5 | 46 | 3.121 | 3.121 | 0.000 | 96 | 187325 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.127 | 3.127 | 0.000 | 91 | 25979 | 20.0 | 22.5 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.158 | 3.158 | 0.000 | 96 | 81547 | 20.0 | 20.9 | |
| 43 2-Butanone (MEK) | 72 | 3.170 | 3.170 | 0.000 | 97 | 24484 | 100.0 | 100.5 | |
| 44 Ethyl acetate | 70 | 3.170 | 3.170 | 0.000 | 93 | 8929 | 40.0 | 39.9 | |
| 45 Methyl acrylate | 55 | 3.218 | 3.218 | 0.000 | 99 | 32608 | 20.0 | 17.5 | |
| 46 Propionitrile | 54 | 3.279 | 3.279 | 0.000 | 98 | 57503 | 200.0 | 211.8 | |
| 47 Chlorobromomethane | 128 | 3.352 | 3.352 | 0.000 | 77 | 45311 | 20.0 | 20.9 | |
| 48 Tetrahydrofuran | 72 | 3.358 | 3.358 | 0.000 | 46 | 11563 | 40.0 | 38.1 | |
| 49 Methacrylonitrile | 67 | 3.370 | 3.370 | 0.000 | 88 | 203718 | 200.0 | 189.3 | |
| 50 Chloroform | 83 | 3.395 | 3.395 | 0.000 | 98 | 125952 | 20.0 | 21.5 | |
| 51 Cyclohexane | 84 | 3.504 | 3.504 | 0.000 | 87 | 51266 | 20.0 | 23.7 | |
| 52 1,1,1-Trichloroethane | 97 | 3.523 | 3.523 | 0.000 | 96 | 91016 | 20.0 | 22.2 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.535 | 3.535 | 0.000 | 96 | 161638 | 50.0 | 50.2 | |
| 54 Carbon tetrachloride | 117 | 3.626 | 3.626 | 0.000 | 96 | 77896 | 20.0 | 21.9 | |
| 55 1,1-Dichloropropene | 75 | 3.662 | 3.662 | 0.000 | 96 | 77858 | 20.0 | 20.5 | |
| 56 Isobutyl alcohol | 43 | 3.802 | 3.802 | 0.000 | 55 | 33025 | 500.0 | 463.1 | |
| 57 Isooctane | 57 | 3.808 | 3.808 | 0.000 | 92 | 75894 | 20.0 | 29.4 | |
| 58 Benzene | 78 | 3.839 | 3.839 | 0.000 | 95 | 231959 | 20.0 | 19.0 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.857 | 3.857 | 0.000 | 0 | 119564 | 50.0 | 49.3 | |
| 60 Isopropyl acetate | 43 | 3.894 | 3.894 | 0.000 | 74 | 110486 | 20.0 | 19.1 | |
| 61 Tert-amyl methyl ether | 55 | 3.894 | 3.894 | 0.000 | 87 | 32302 | 20.0 | 17.4 | |
| 62 1,2-Dichloroethane | 62 | 3.924 | 3.924 | 0.000 | 96 | 68409 | 20.0 | 19.9 | |
| 63 n-Heptane | 57 | 3.985 | 3.985 | 0.000 | 93 | 16116 | 20.0 | 24.8 | |
| * 64 Fluorobenzene | 96 | 4.107 | 4.107 | 0.000 | 100 | 565129 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.447 | 4.447 | 0.000 | 95 | 65636 | 20.0 | 19.9 | |
| 66 n-Butanol | 56 | 4.490 | 4.490 | 0.000 | 90 | 8081 | 500.0 | 242.2 | |
| 67 Methylcyclohexane | 83 | 4.563 | 4.563 | 0.000 | 95 | 45594 | 20.0 | 24.0 | |
| 68 Ethyl acrylate | 55 | 4.575 | 4.575 | 0.000 | 97 | 64459 | 20.0 | 18.5 | |
| 69 1,2-Dichloropropane | 63 | 4.733 | 4.733 | 0.000 | 94 | 49788 | 20.0 | 19.6 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.806 | 4.806 | 0.000 | 0 | 19426 | 1000.0 | 1000.0 | |
| 71 Methyl methacrylate | 100 | 4.818 | 4.818 | 0.000 | 87 | 19896 | 40.0 | 36.0 | |
| 73 1,4-Dioxane | 88 | 4.861 | 4.861 | 0.000 | 33 | 8804 | 400.0 | 303.6 | |
| 72 Dibromomethane | 93 | 4.861 | 4.861 | 0.000 | 98 | 44702 | 20.0 | 19.6 | |
| 74 n-Propyl acetate | 43 | 4.885 | 4.885 | 0.000 | 96 | 34639 | 20.0 | 15.7 | |
| 75 Dichlorobromomethane | 83 | 5.025 | 5.025 | 0.000 | 98 | 75239 | 20.0 | 20.7 | |
| 76 2-Nitropropane | 41 | 5.360 | 5.360 | 0.000 | 97 | 15933 | 40.0 | 45.0 | a |
| 77 2-Chloroethyl vinyl ether | 63 | 5.384 | 5.384 | 0.000 | 93 | 23041 | 20.0 | 17.1 | |
| 78 Epichlorohydrin | 57 | 5.487 | 5.487 | 0.000 | 99 | 66744 | 400.0 | 449.9 | |
| 79 cis-1,3-Dichloropropene | 75 | 5.536 | 5.536 | 0.000 | 87 | 83281 | 20.0 | 19.5 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.719 | 5.719 | 0.000 | 94 | 147578 | 100.0 | 105.8 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.786 | 5.786 | 0.000 | 99 | 372326 | 50.0 | 45.2 | |
| 82 Toluene | 91 | 5.865 | 5.865 | 0.000 | 93 | 205253 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 83 trans-1,3-Dichloropropene | 75 | 6.272 | 6.272 | 0.000 | 93 | 62883 | 20.0 | 19.2 | |
| 84 Ethyl methacrylate | 69 | 6.315 | 6.315 | 0.000 | 87 | 41679 | 20.0 | 18.5 | |
| 85 1,1,2-Trichloroethane | 83 | 6.497 | 6.497 | 0.000 | 96 | 38428 | 20.0 | 17.7 | |
| 86 Tetrachloroethene | 166 | 6.528 | 6.528 | 0.000 | 95 | 47479 | 20.0 | 19.4 | |
| 87 1,3-Dichloropropane | 76 | 6.722 | 6.722 | 0.000 | 89 | 62357 | 20.0 | 18.2 | |
| 88 2-Hexanone | 58 | 6.820 | 6.820 | 0.000 | 94 | 56484 | 100.0 | 113.8 | |
| 89 n-Butyl acetate | 43 | 6.960 | 6.960 | 0.000 | 99 | 44249 | 20.0 | 20.2 | |
| 90 Chlorodibromomethane | 129 | 6.972 | 6.972 | 0.000 | 97 | 62227 | 20.0 | 20.5 | |
| 91 Ethylene Dibromide | 107 | 7.130 | 7.130 | 0.000 | 99 | 52218 | 20.0 | 18.3 | |
| * 92 Chlorobenzene-d5 | 117 | 7.744 | 7.744 | 0.000 | 82 | 381398 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.781 | 7.781 | 0.000 | 98 | 136857 | 20.0 | 20.4 | |
| 94 Ethylbenzene | 106 | 7.897 | 7.897 | 0.000 | 97 | 58451 | 20.0 | 21.1 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.915 | 7.915 | 0.000 | 96 | 61104 | 20.0 | 21.9 | |
| 96 m-Xylene & p-Xylene | 106 | 8.055 | 8.055 | 0.000 | 0 | 69880 | 20.0 | 21.2 | |
| 97 o-Xylene | 106 | 8.529 | 8.529 | 0.000 | 94 | 76340 | 20.0 | 21.1 | |
| 98 n-Butyl acrylate | 73 | 8.560 | 8.560 | 0.000 | 98 | 29590 | 20.0 | 20.7 | |
| 99 Styrene | 104 | 8.566 | 8.566 | 0.000 | 97 | 111956 | 20.0 | 20.1 | |
| 100 Bromoform | 173 | 8.785 | 8.785 | 0.000 | 97 | 36707 | 20.0 | 20.0 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.815 | 8.815 | 0.000 | 90 | 65620 | 20.0 | 21.3 | |
| 102 Isopropylbenzene | 105 | 8.925 | 8.925 | 0.000 | 96 | 135825 | 20.0 | 21.9 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.131 | 9.131 | 0.000 | 97 | 106818 | 50.0 | 50.7 | |
| 104 Bromobenzene | 156 | 9.253 | 9.253 | 0.000 | 89 | 76910 | 20.0 | 24.6 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.338 | 9.338 | 0.000 | 99 | 62967 | 20.0 | 18.6 | |
| 106 N-Propylbenzene | 91 | 9.344 | 9.344 | 0.000 | 100 | 154685 | 20.0 | 21.4 | |
| 107 1,2,3-Trichloropropane | 110 | 9.369 | 9.369 | 0.000 | 97 | 14166 | 20.0 | 16.9 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.399 | 9.399 | 0.000 | 91 | 6433 | 20.0 | 13.8 | |
| 109 2-Chlorotoluene | 91 | 9.442 | 9.442 | 0.000 | 96 | 126359 | 20.0 | 20.0 | |
| 110 4-Ethyltoluene | 105 | 9.460 | 9.460 | 0.000 | 98 | 131997 | 20.0 | 21.0 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.533 | 9.533 | 0.000 | 93 | 116608 | 20.0 | 21.5 | |
| 112 4-Chlorotoluene | 91 | 9.557 | 9.557 | 0.000 | 96 | 115342 | 20.0 | 18.7 | |
| 113 Butyl Methacrylate | 87 | 9.655 | 9.655 | 0.000 | 83 | 61484 | 20.0 | 23.1 | |
| 114 tert-Butylbenzene | 119 | 9.813 | 9.813 | 0.000 | 94 | 86236 | 20.0 | 20.3 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.874 | 9.874 | 0.000 | 97 | 127921 | 20.0 | 22.1 | |
| 116 sec-Butylbenzene | 105 | 10.014 | 10.014 | 0.000 | 100 | 130253 | 20.0 | 22.7 | |
| 117 1,3-Dichlorobenzene | 146 | 10.135 | 10.135 | 0.000 | 98 | 87835 | 20.0 | 21.7 | |
| 118 4-Isopropyltoluene | 119 | 10.147 | 10.147 | 0.000 | 98 | 118506 | 20.0 | 23.5 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.202 | 10.202 | 0.000 | 93 | 182708 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.220 | 10.220 | 0.000 | 96 | 87337 | 20.0 | 20.6 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.245 | 10.245 | 0.000 | 97 | 143830 | 20.0 | 21.5 | |
| 122 Benzyl chloride | 91 | 10.354 | 10.354 | 0.000 | 100 | 95973 | 20.0 | 20.1 | |
| 123 2,3-Dihydroindene | 117 | 10.403 | 10.403 | 0.000 | 94 | 133683 | 20.0 | 19.8 | |
| 124 p-Diethylbenzene | 119 | 10.470 | 10.470 | 0.000 | 95 | 62021 | 20.0 | 21.4 | |
| 125 n-Butylbenzene | 92 | 10.494 | 10.494 | 0.000 | 98 | 48782 | 20.0 | 21.4 | |
| 126 1,2-Dichlorobenzene | 146 | 10.531 | 10.531 | 0.000 | 98 | 88137 | 20.0 | 19.6 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.103 | 11.103 | 0.000 | 97 | 114301 | 20.0 | 22.4 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.182 | 11.182 | 0.000 | 88 | 13971 | 20.0 | 17.1 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.291 | 11.291 | 0.000 | 97 | 52853 | 20.0 | 23.4 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.766 | 11.766 | 0.000 | 94 | 53236 | 20.0 | 24.2 | |
| 131 Hexachlorobutadiene | 225 | 11.851 | 11.851 | 0.000 | 93 | 19311 | 20.0 | 24.5 | |
| 132 Naphthalene | 128 | 11.948 | 11.948 | 0.000 | 99 | 166447 | 20.0 | 20.3 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.125 | 12.125 | 0.000 | 96 | 47042 | 20.0 | 24.3 | |
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 42.1 | |

| 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 | 101.8 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| 524FREONS_00038 | Amount Added: 20.00 | Units: uL | |
| ACROLEIN W_00187 | Amount Added: 4.00 | Units: uL | |
| 8260MIX1COMB_00209 | Amount Added: 20.00 | Units: uL | |
| GASES Li_00657 | Amount Added: 20.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00256 | Amount Added: 1.00 | Units: uL | Run Reagent |

Report Date: 17-Aug-2025 12:55:20 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21509.D

Injection Date: 16-Aug-2025 08:30:30 Instrument ID: CVOAMS8 Operator ID:

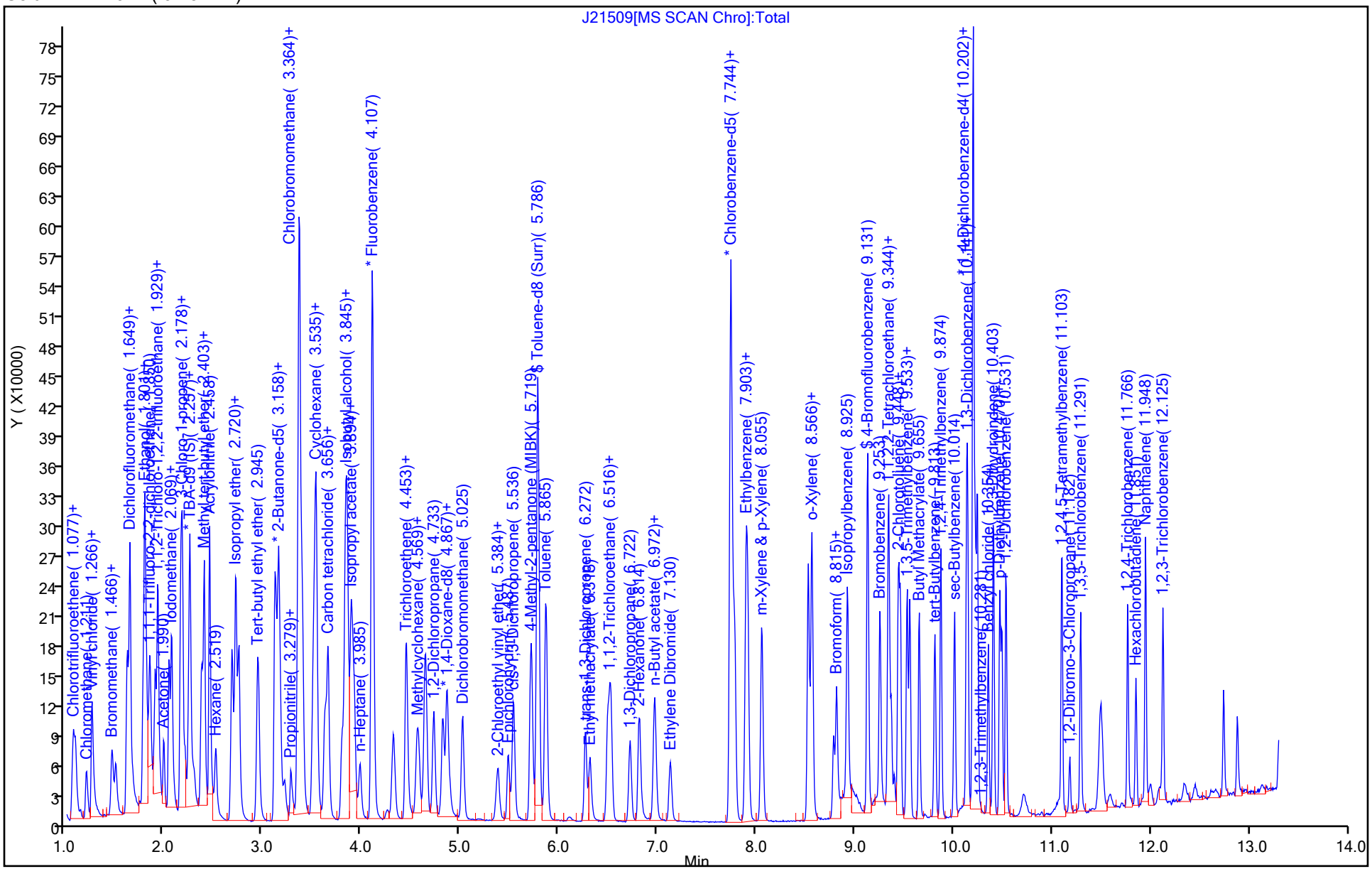
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

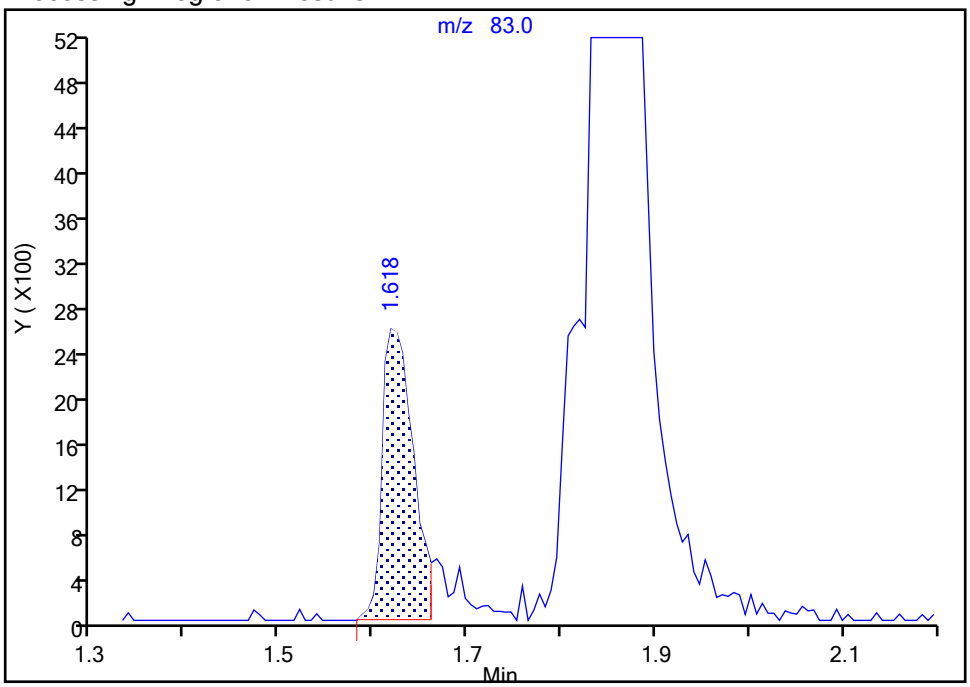
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21509.D
Injection Date: 16-Aug-2025 08:30:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

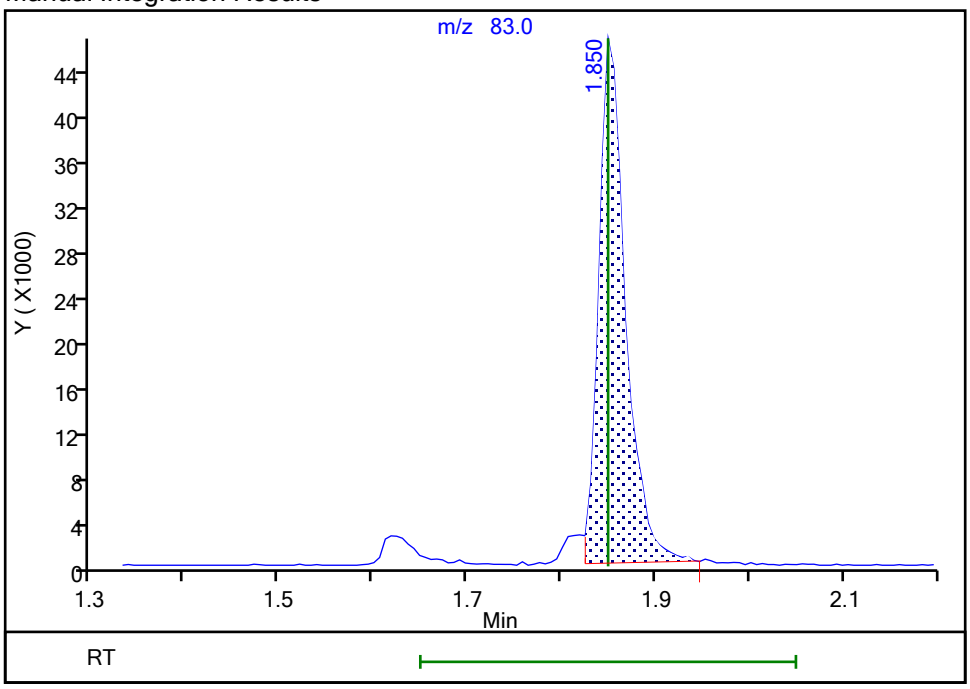
Processing Integration Results

RT: 1.62
Area: 5918
Amount: 1.788829
Amount Units: ug/l




Manual Integration Results

RT: 1.85
Area: 91203
Amount: 27.567855
Amount Units: ug/l




Reviewer: RD6L, 16-Aug-2025 09:00:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

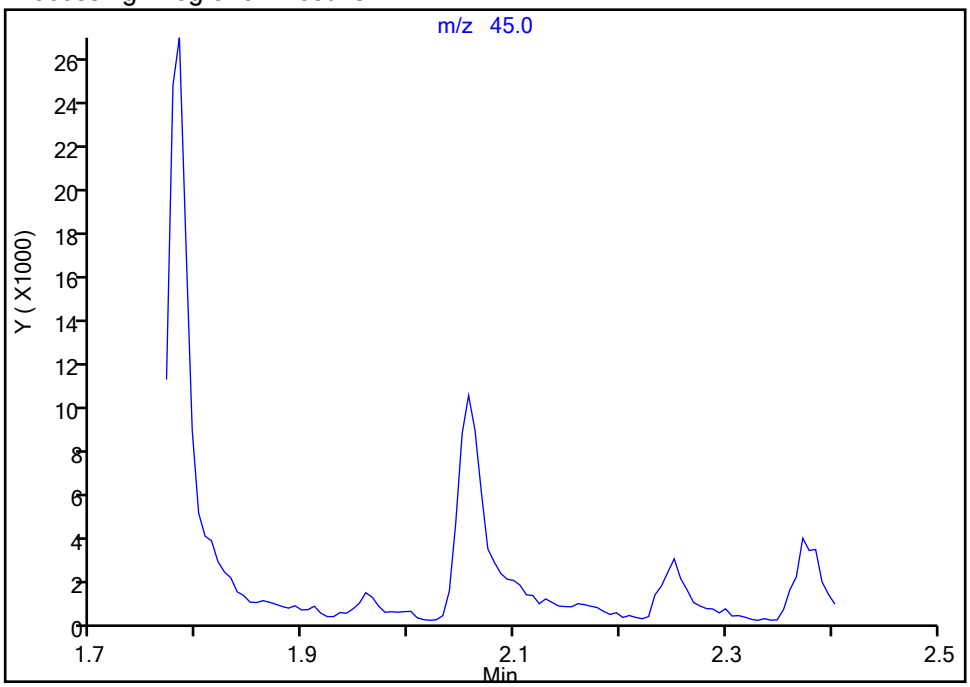
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21509.D
Injection Date: 16-Aug-2025 08:30:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

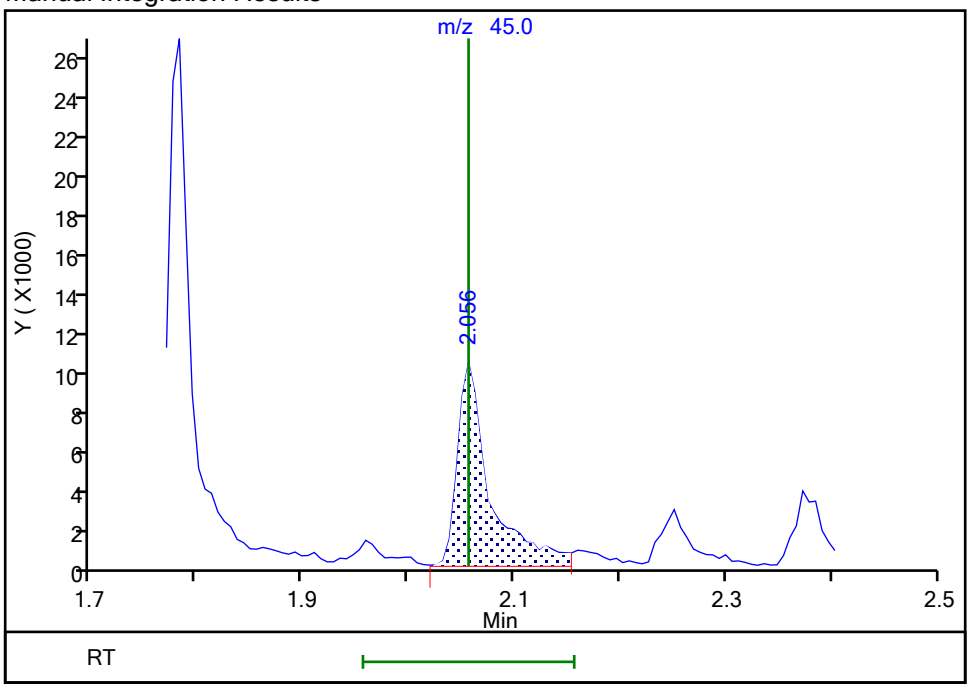
Not Detected
Expected RT: 2.06

Processing Integration Results




Manual Integration Results

RT: 2.06
Area: 21215
Amount: 210.2236
Amount Units: ug/l




Reviewer: RD6L, 16-Aug-2025 09:00:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

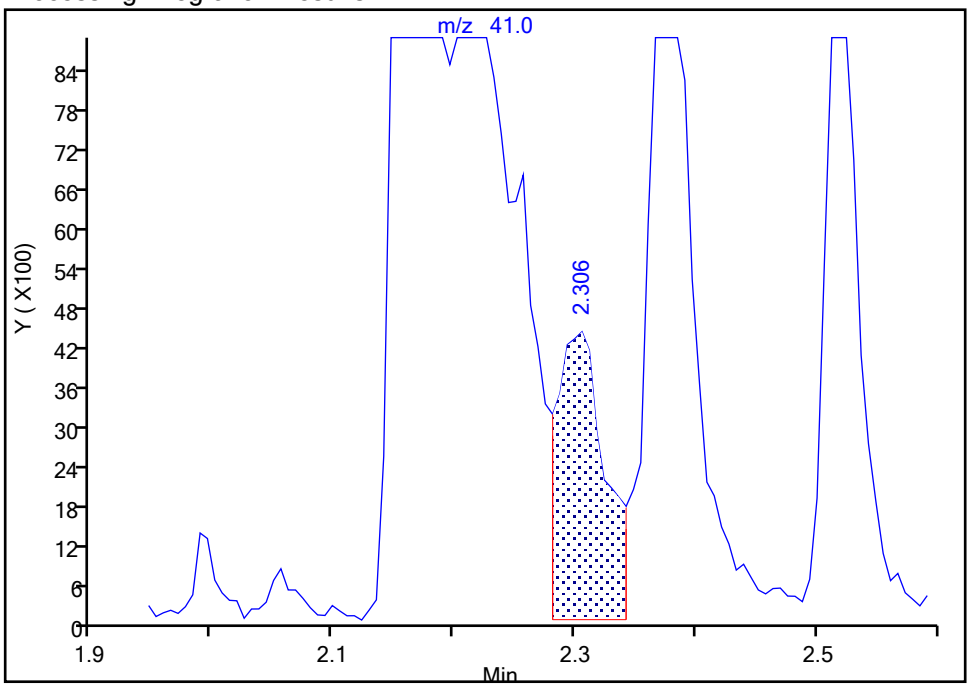
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21509.D
Injection Date: 16-Aug-2025 08:30:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

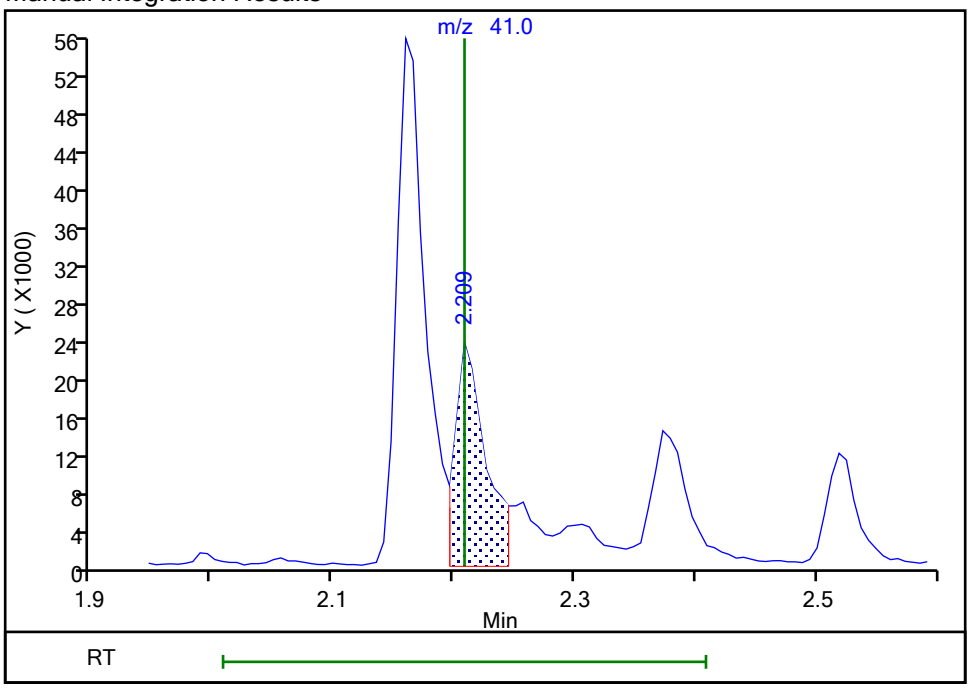
Processing Integration Results

RT: 2.31
Area: 12346
Amount: 57.040316
Amount Units: ug/l




Manual Integration Results

RT: 2.21
Area: 42460
Amount: 196.1714
Amount Units: ug/l




Reviewer: RD6L, 16-Aug-2025 09:00:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

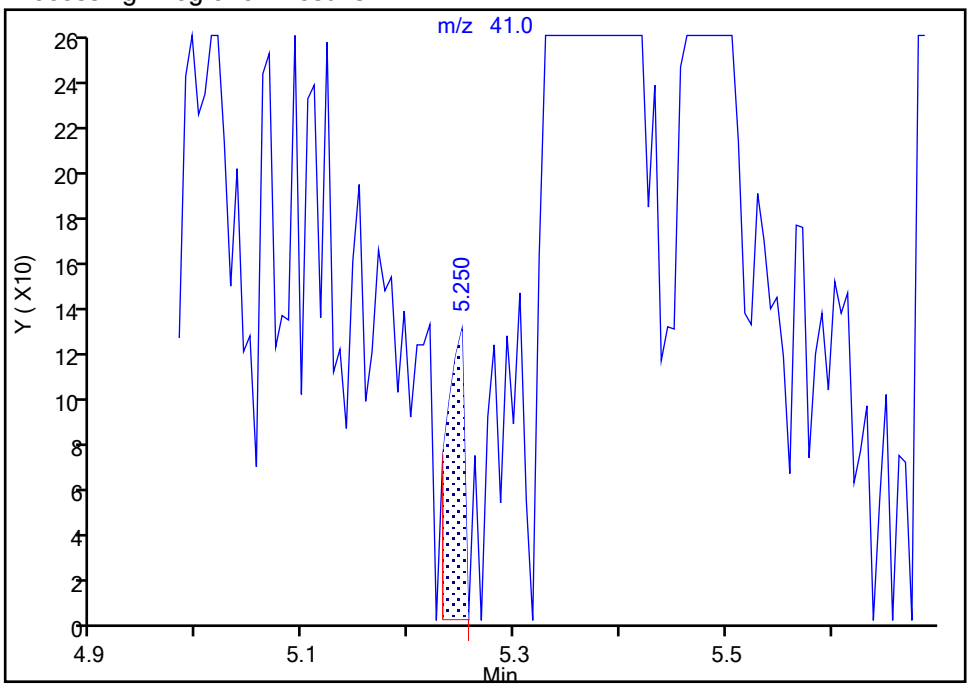
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21509.D
Injection Date: 16-Aug-2025 08:30:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 76 2-Nitropropane, CAS: 79-46-9

Signal: 1

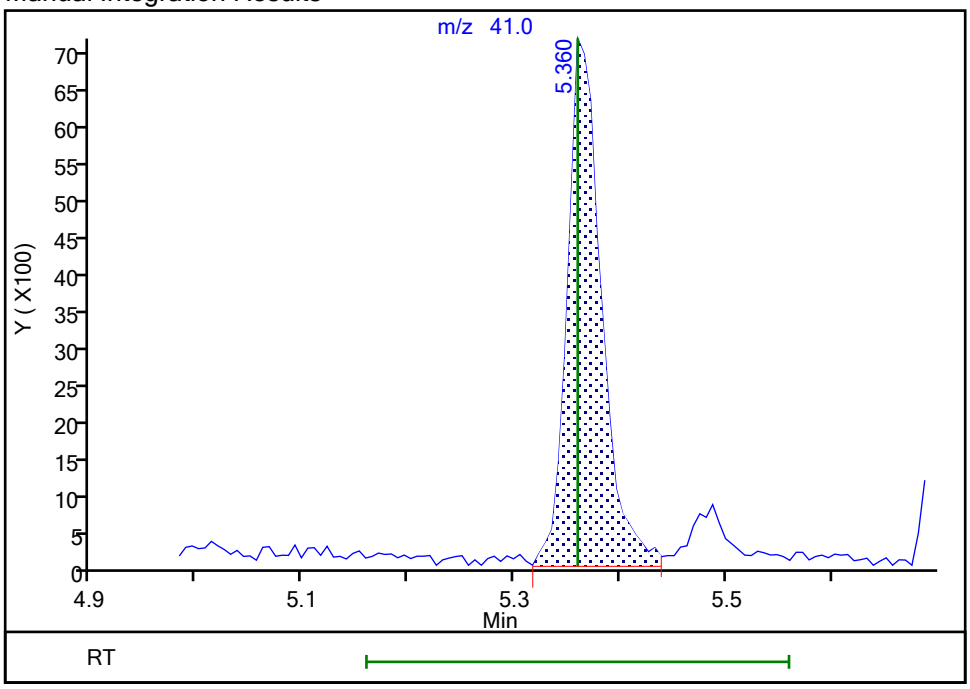
Processing Integration Results

RT: 5.25
Area: 152
Amount: 0.429078
Amount Units: ug/l




Manual Integration Results

RT: 5.36
Area: 15933
Amount: 44.976951
Amount Units: ug/l




Reviewer: XE5L, 17-Aug-2025 12:54:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20681.D | | | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Sample Type: | BFB | | | | |
| Inject. Date: | 26-Jul-2025 14:04:30 | ALS Bottle#: | 99 | Worklist Smp#: | 1 |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | BFB | | | | |
| Misc. Info.: | 460-0194147-001 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS8 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\8260_W8.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 27-Jul-2025 13:50:15 | Calib Date: | 26-Jul-2025 17:56:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D | | | | |
| Column 1 : | Rtx-624 ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1671 | | | | |
| First Level Reviewer: RD6L | | Date: | 26-Jul-2025 14:23:51 | | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|

$ 138 BFB

## QC Flag Legend

Processing Flags

## Reagents:

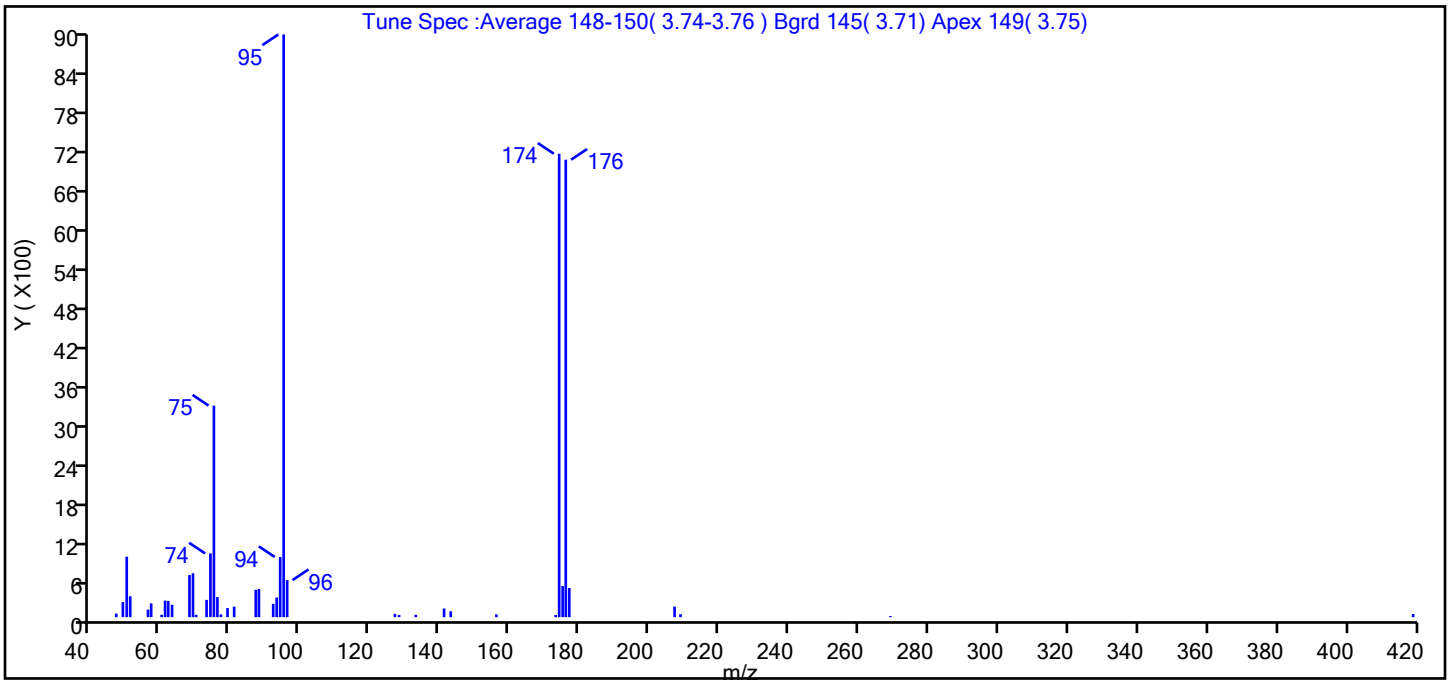
BFB_00039 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20681.D
Injection Date: 26-Jul-2025 14:04:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 138 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | 50 to 200% of m/z 174 | 100.0 (125.7) |
| 96 | 5 to 9% of m/z 95 | 6.4 |
| 173 | <2% of m/z 174 | 0.4 (0.5) |
| 174 | 50 to 200% of m/z 95 | 79.5 |
| 175 | 5 to 9% of m/z 174 | 5.3 (6.7) |
| 176 | 95 to 105% of m/z 174 | 78.5 (98.7) |
| 177 | 5 to 10% of m/z 176 | 5.0 (6.4) |

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20681.D\8260_W8.rslt\spectra.d
Injection Date: 26-Jul-2025 14:04:30
Spectrum: Tune Spec :Average 148-150( 3.74-3.76 ) Bgrd 145( 3.71) Apex 149( 3.75)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 42

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 47.00 | 55 | 69.00 | 677 | 92.00 | 205 | 173.00 | 34 |
| 49.00 | 232 | 70.00 | 36 | 93.00 | 303 | 174.00 | 7146 |
| 50.00 | 932 | 73.00 | 266 | 94.00 | 927 | 175.00 | 480 |
| 51.00 | 322 | 74.00 | 983 | 95.00 | 8985 | 176.00 | 7054 |
| 56.00 | 116 | 75.00 | 3262 | 96.00 | 571 | 177.00 | 449 |
| 57.00 | 212 | 76.00 | 309 | 127.00 | 50 | 207.00 | 163 |
| 60.00 | 36 | 77.00 | 42 | 128.00 | 34 | 209.00 | 45 |
| 61.00 | 255 | 79.00 | 140 | 133.00 | 36 | 269.00 | 17 |
| 62.00 | 251 | 81.00 | 162 | 141.00 | 133 | 419.00 | 47 |
| 63.00 | 191 | 87.00 | 421 | 143.00 | 91 | | |
| 68.00 | 650 | 88.00 | 436 | 156.00 | 42 | | |

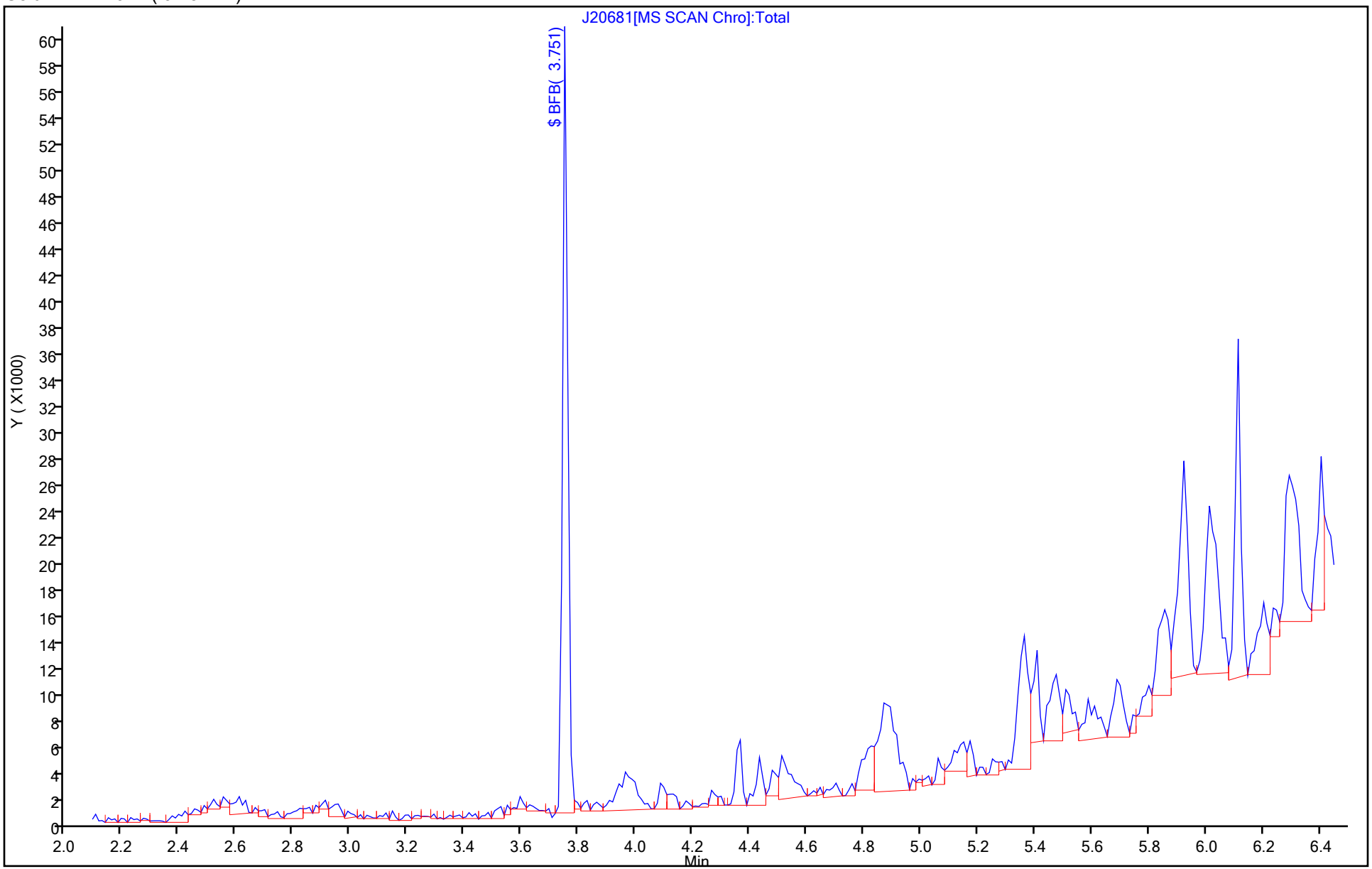
Report Date: 27-Jul-2025 13:50:15 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20681.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 26-Jul-2025 14:04:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | BFB | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 99 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1055943/10

Matrix: Water | Lab File ID: J21516.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 0.45 | U | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 2.0 | U | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 102 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 108 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 90 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21516.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Aug-2025 11:14:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0194998-010
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Aug-2025 11:57:40 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1665

First Level Reviewer: RD6L Date: 16-Aug-2025 11:57:49

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 13 Ethyl ether | 59 | 1.788 | 1.783 | 0.005 | 96 | 1707 | | 0.6266 | |
| * 28 TBA-d9 (IS) | 65 | 2.250 | 2.251 | -0.001 | 74 | 193061 | 1000.0 | 1000.0 | |
| * 40 2-Butanone-d5 | 46 | 3.120 | 3.121 | -0.001 | 89 | 122636 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.540 | 3.535 | 0.005 | 97 | 138389 | 50.0 | 53.8 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.856 | 3.857 | -0.001 | 0 | 93336 | 50.0 | 48.2 | |
| * 64 Fluorobenzene | 96 | 4.106 | 4.107 | -0.001 | 100 | 451685 | 50.0 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.811 | 4.806 | 0.005 | 0 | 16606 | 1000.0 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.785 | 5.786 | -0.001 | 99 | 281188 | 50.0 | 44.9 | |
| * 92 Chlorobenzene-d5 | 117 | 7.744 | 7.744 | 0.000 | 82 | 289963 | 50.0 | 50.0 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.131 | 9.131 | 0.000 | 97 | 81480 | 50.0 | 50.9 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.201 | 10.202 | -0.001 | 92 | 152443 | 50.0 | 50.0 | |
| 131 Hexachlorobutadiene | 225 | 11.856 | 11.851 | 0.005 | 9 | 413 | | 0.6287 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00210 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00256 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 16-Aug-2025 11:57:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21516.D

Injection Date: 16-Aug-2025 11:14:30 Instrument ID: CVOAMS8 Operator ID:

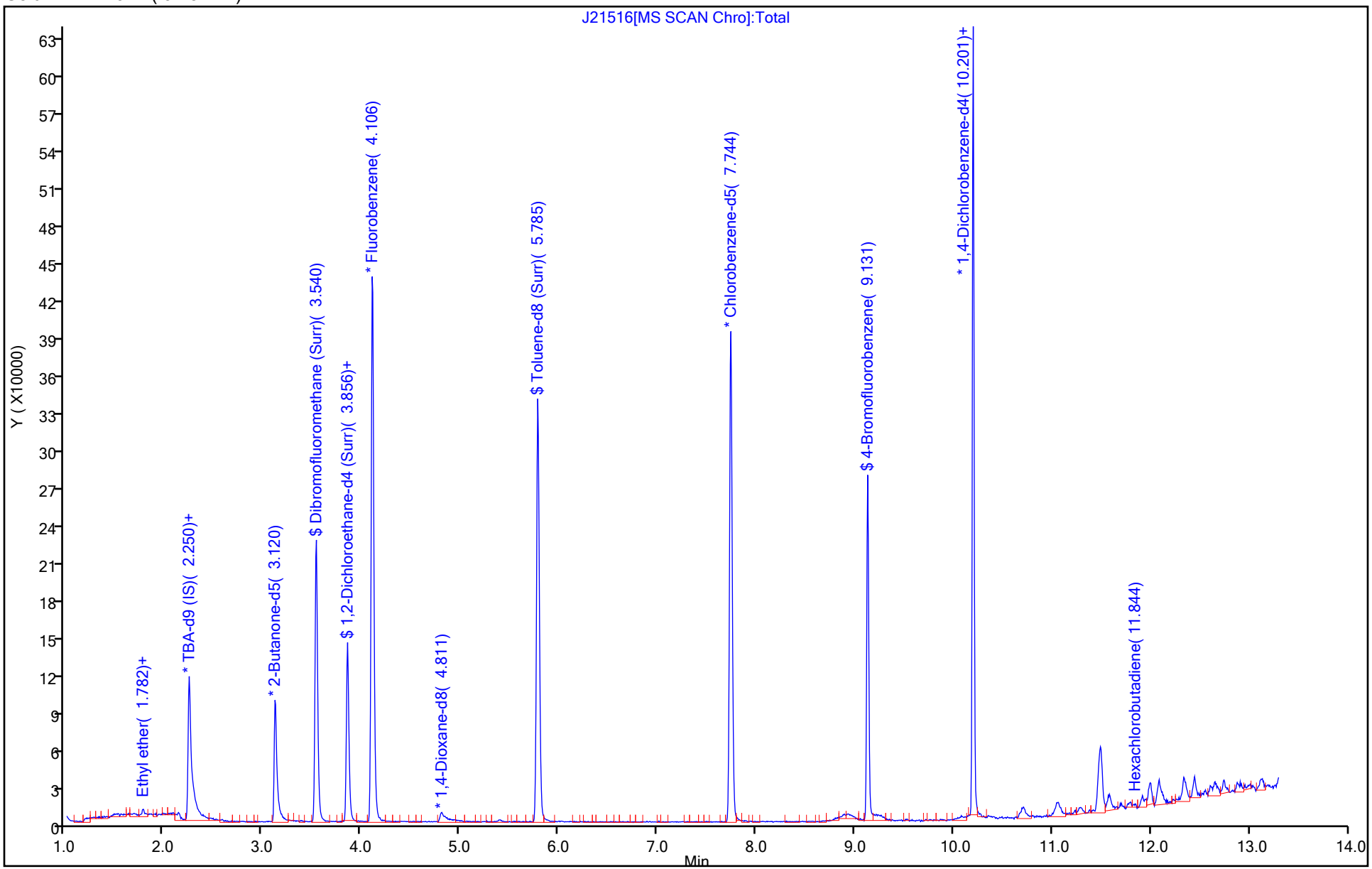
Lims ID: MB Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21516.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Aug-2025 11:14:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0194998-010
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Aug-2025 11:57:40 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1665

First Level Reviewer: RD6L Date: 16-Aug-2025 11:57:49

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 53.8 | 107.60 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.2 | 96.38 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 44.9 | 89.81 |
| $ 103 4-Bromofluorobenzene | 50.0 | 50.9 | 101.79 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1055943/5

Matrix: Water | Lab File ID: J21511.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 09:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 20.3 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 22.3 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 19.1 | | 1.0 | 0.22 |
| 108-88-3 | Toluene | 20.5 | | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 43.7 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 108 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 91 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 99 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21511.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Aug-2025 09:20:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0194998-005
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 12:53:51 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: RD6L Date: 16-Aug-2025 11:56:25

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 118 | 1.065 | 1.065 | 0.000 | 85 | 5539 | 20.0 | 13.9 | |
| 2 Dichlorodifluoromethane | 85 | 1.083 | 1.083 | 0.000 | 99 | 70191 | 20.0 | 13.7 | |
| 3 Chlorodifluoromethane | 67 | 1.101 | 1.101 | 0.000 | 97 | 8204 | 20.0 | 14.8 | |
| 4 Chloromethane | 50 | 1.211 | 1.205 | 0.006 | 98 | 48049 | 20.0 | 14.2 | |
| 5 Vinyl chloride | 62 | 1.266 | 1.266 | 0.000 | 89 | 46801 | 20.0 | 16.2 | |
| 6 Butadiene | 54 | 1.266 | 1.266 | 0.000 | 95 | 40982 | 20.0 | 16.8 | |
| 7 Bromomethane | 94 | 1.473 | 1.466 | 0.007 | 99 | 53923 | 20.0 | 18.9 | |
| 8 Chloroethane | 64 | 1.509 | 1.509 | 0.000 | 100 | 33805 | 20.0 | 22.4 | |
| 9 Dichlorofluoromethane | 67 | 1.625 | 1.624 | 0.001 | 96 | 122165 | 20.0 | 24.7 | |
| 10 Trichlorofluoromethane | 101 | 1.625 | 1.624 | 0.001 | 94 | 106172 | 20.0 | 22.4 | |
| 11 Pentane | 43 | 1.649 | 1.649 | 0.000 | 96 | 157348 | 40.0 | 82.3 | |
| 12 Ethanol | 46 | 1.752 | 1.752 | 0.000 | 89 | 1477 | 800.0 | 279.2 | |
| 13 Ethyl ether | 59 | 1.783 | 1.783 | 0.000 | 96 | 55027 | 20.0 | 25.7 | |
| 14 2-Methyl-1,3-butadiene | 53 | 1.801 | 1.795 | 0.006 | 94 | 55693 | 20.0 | 26.3 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.813 | 1.813 | 0.000 | 92 | 67876 | 20.0 | 21.4 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.856 | 1.850 | 0.006 | 93 | 97418 | 20.0 | 22.1 | a |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.911 | 1.904 | 0.007 | 97 | 51925 | 20.0 | 19.8 | |
| 18 Acrolein | 56 | 1.911 | 1.904 | 0.007 | 54 | 13724 | 40.0 | 54.1 | |
| 19 1,1-Dichloroethene | 96 | 1.935 | 1.935 | 0.000 | 92 | 73387 | 20.0 | 22.2 | |
| 20 Acetone | 43 | 1.996 | 1.990 | 0.006 | 89 | 59153 | 100.0 | 100.1 | |
| 21 Iodomethane | 142 | 2.051 | 2.044 | 0.006 | 96 | 160667 | 20.0 | 18.7 | |
| 22 Isopropyl alcohol | 45 | 2.057 | 2.056 | 0.001 | 24 | 18996 | 200.0 | 208.1 | a |
| 23 Carbon disulfide | 76 | 2.075 | 2.075 | 0.000 | 98 | 217527 | 20.0 | 18.6 | |
| 24 3-Chloro-1-propene | 76 | 2.166 | 2.160 | 0.006 | 92 | 52522 | 20.0 | 17.6 | |
| 25 Methyl acetate | 43 | 2.172 | 2.166 | 0.006 | 97 | 74221 | 40.0 | 58.5 | |
| 26 Cyclopentene | 67 | 2.184 | 2.178 | 0.006 | 95 | 189387 | 20.0 | 19.9 | |
| 27 Acetonitrile | 41 | 2.215 | 2.209 | 0.007 | 96 | 45914 | 200.0 | 234.5 | Ma |
| * 28 TBA-d9 (IS) | 65 | 2.251 | 2.251 | 0.000 | 92 | 170920 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.263 | 2.257 | 0.006 | 83 | 85569 | 20.0 | 19.0 | |
| 30 2-Methyl-2-propanol | 59 | 2.300 | 2.300 | 0.000 | 99 | 34126 | 200.0 | 200.1 | |
| 31 Methyl tert-butyl ether | 73 | 2.379 | 2.379 | 0.000 | 96 | 188434 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 32 trans-1,2-Dichloroethene | 96 | 2.403 | 2.403 | 0.000 | 88 | 91638 | 20.0 | 19.1 | |
| 33 Acrylonitrile | 53 | 2.458 | 2.458 | 0.000 | 95 | 201239 | 200.0 | 281.8 | |
| 34 Hexane | 57 | 2.525 | 2.519 | 0.006 | 90 | 40089 | 20.0 | 22.2 | |
| 35 Isopropyl ether | 45 | 2.683 | 2.683 | 0.000 | 97 | 180468 | 20.0 | 19.3 | |
| 36 1,1-Dichloroethane | 63 | 2.720 | 2.720 | 0.000 | 99 | 132944 | 20.0 | 19.0 | |
| 37 Vinyl acetate | 43 | 2.726 | 2.726 | 0.000 | 100 | 218247 | 40.0 | 39.8 | |
| 38 2-Chloro-1,3-butadiene | 88 | 2.756 | 2.756 | 0.000 | 86 | 69818 | 20.0 | 18.6 | |
| 39 Tert-butyl ethyl ether | 59 | 2.945 | 2.945 | 0.000 | 89 | 188933 | 20.0 | 19.3 | |
| * 40 2-Butanone-d5 | 46 | 3.115 | 3.121 | -0.006 | 99 | 224093 | 250.0 | 250.0 | |
| 41 2,2-Dichloropropane | 79 | 3.127 | 3.127 | 0.000 | 87 | 29217 | 20.0 | 19.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 3.152 | 3.158 | -0.006 | 93 | 95350 | 20.0 | 18.3 | |
| 43 2-Butanone (MEK) | 72 | 3.170 | 3.170 | 0.000 | 97 | 29797 | 100.0 | 102.3 | |
| 44 Ethyl acetate | 70 | 3.170 | 3.170 | 0.000 | 95 | 12331 | 40.0 | 46.1 | |
| 45 Methyl acrylate | 55 | 3.219 | 3.218 | 0.001 | 99 | 41817 | 20.0 | 16.8 | |
| 46 Propionitrile | 54 | 3.279 | 3.279 | 0.000 | 98 | 62010 | 200.0 | 252.5 | |
| 47 Chlorobromomethane | 128 | 3.352 | 3.352 | 0.000 | 81 | 53003 | 20.0 | 18.3 | |
| 48 Tetrahydrofuran | 72 | 3.352 | 3.358 | -0.006 | 48 | 14338 | 40.0 | 39.5 | |
| 49 Methacrylonitrile | 67 | 3.371 | 3.370 | 0.001 | 88 | 250847 | 200.0 | 174.7 | |
| 50 Chloroform | 83 | 3.395 | 3.395 | 0.000 | 98 | 150610 | 20.0 | 19.2 | |
| 51 Cyclohexane | 84 | 3.511 | 3.504 | 0.007 | 87 | 56221 | 20.0 | 19.4 | |
| 52 1,1,1-Trichloroethane | 97 | 3.523 | 3.523 | 0.000 | 96 | 106495 | 20.0 | 19.5 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.535 | 3.535 | 0.000 | 97 | 194394 | 50.0 | 45.3 | |
| 54 Carbon tetrachloride | 117 | 3.632 | 3.626 | 0.006 | 95 | 100351 | 20.0 | 21.1 | |
| 55 1,1-Dichloropropene | 75 | 3.663 | 3.662 | 0.001 | 96 | 106201 | 20.0 | 20.9 | |
| 56 Isobutyl alcohol | 43 | 3.796 | 3.802 | -0.006 | 59 | 47649 | 500.0 | 726.7 | |
| 57 Isooctane | 57 | 3.809 | 3.808 | 0.001 | 93 | 91295 | 20.0 | 26.5 | |
| 58 Benzene | 78 | 3.839 | 3.839 | 0.000 | 95 | 311606 | 20.0 | 20.3 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.851 | 3.857 | -0.006 | 0 | 157485 | 50.0 | 48.7 | |
| 60 Isopropyl acetate | 43 | 3.894 | 3.894 | 0.000 | 77 | 150172 | 20.0 | 19.4 | |
| 61 Tert-amyl methyl ether | 55 | 3.900 | 3.894 | 0.006 | 87 | 43170 | 20.0 | 17.4 | |
| 62 1,2-Dichloroethane | 62 | 3.924 | 3.924 | 0.000 | 97 | 91752 | 20.0 | 20.0 | |
| 63 n-Heptane | 57 | 3.985 | 3.985 | 0.000 | 91 | 22118 | 20.0 | 25.5 | |
| * 64 Fluorobenzene | 96 | 4.107 | 4.107 | 0.000 | 100 | 754112 | 50.0 | 50.0 | |
| 65 Trichloroethene | 95 | 4.453 | 4.447 | 0.006 | 97 | 98722 | 20.0 | 22.5 | |
| 66 n-Butanol | 56 | 4.472 | 4.490 | -0.018 | 87 | 10435 | 500.0 | 345.7 | |
| 67 Methylcyclohexane | 83 | 4.563 | 4.563 | 0.000 | 94 | 66962 | 20.0 | 26.4 | |
| 68 Ethyl acrylate | 55 | 4.575 | 4.575 | 0.000 | 97 | 107013 | 20.0 | 22.8 | |
| 69 1,2-Dichloropropane | 63 | 4.727 | 4.733 | -0.006 | 95 | 76209 | 20.0 | 22.5 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.800 | 4.806 | -0.006 | 0 | 22359 | 1000.0 | 1000.0 | |
| 71 Methyl methacrylate | 100 | 4.825 | 4.818 | 0.007 | 83 | 31847 | 40.0 | 43.2 | |
| 73 1,4-Dioxane | 88 | 4.855 | 4.861 | -0.006 | 35 | 11390 | 400.0 | 340.9 | |
| 72 Dibromomethane | 93 | 4.861 | 4.861 | 0.000 | 98 | 63027 | 20.0 | 20.7 | |
| 74 n-Propyl acetate | 43 | 4.885 | 4.885 | 0.000 | 96 | 64467 | 20.0 | 21.9 | |
| 75 Dichlorobromomethane | 83 | 5.025 | 5.025 | 0.000 | 98 | 110577 | 20.0 | 22.8 | |
| 76 2-Nitropropane | 41 | 5.360 | 5.250 | 0.110 | 97 | 20838 | 40.0 | 65.0 | a |
| 77 2-Chloroethyl vinyl ether | 63 | 5.384 | 5.384 | 0.000 | 95 | 35275 | 20.0 | 19.6 | |
| 78 Epichlorohydrin | 57 | 5.482 | 5.487 | -0.005 | 99 | 86846 | 400.0 | 489.4 | |
| 79 cis-1,3-Dichloropropene | 75 | 5.536 | 5.536 | 0.000 | 87 | 115345 | 20.0 | 21.5 | |
| 80 4-Methyl-2-pentanone (MIBK) | 43 | 5.719 | 5.719 | 0.000 | 95 | 207027 | 100.0 | 124.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.786 | 5.786 | 0.000 | 99 | 510465 | 50.0 | 49.4 | |
| 82 Toluene | 91 | 5.865 | 5.865 | 0.000 | 93 | 270365 | 20.0 | 20.5 | |
| 83 trans-1,3-Dichloropropene | 75 | 6.266 | 6.272 | -0.006 | 94 | 78597 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 84 Ethyl methacrylate | 69 | 6.315 | 6.315 | 0.000 | 86 | 56962 | 20.0 | 18.9 | |
| 85 1,1,2-Trichloroethane | 83 | 6.498 | 6.497 | 0.001 | 95 | 49496 | 20.0 | 18.1 | |
| 86 Tetrachloroethene | 166 | 6.528 | 6.528 | 0.000 | 94 | 60345 | 20.0 | 19.7 | |
| 87 1,3-Dichloropropane | 76 | 6.717 | 6.722 | -0.005 | 90 | 87178 | 20.0 | 20.2 | |
| 88 2-Hexanone | 58 | 6.814 | 6.820 | -0.006 | 94 | 76217 | 100.0 | 128.4 | |
| 89 n-Butyl acetate | 43 | 6.960 | 6.960 | 0.000 | 99 | 61283 | 20.0 | 22.2 | |
| 90 Chlorodibromomethane | 129 | 6.972 | 6.972 | 0.000 | 97 | 79637 | 20.0 | 20.9 | |
| 91 Ethylene Dibromide | 107 | 7.130 | 7.130 | 0.000 | 99 | 70119 | 20.0 | 19.6 | |
| * 92 Chlorobenzene-d5 | 117 | 7.745 | 7.744 | 0.001 | 82 | 478900 | 50.0 | 50.0 | |
| 93 Chlorobenzene | 112 | 7.781 | 7.781 | 0.000 | 98 | 175434 | 20.0 | 20.8 | |
| 94 Ethylbenzene | 106 | 7.897 | 7.897 | 0.000 | 97 | 77755 | 20.0 | 22.3 | |
| 95 1,1,1,2-Tetrachloroethane | 131 | 7.915 | 7.915 | 0.000 | 97 | 77855 | 20.0 | 22.2 | |
| 96 m-Xylene & p-Xylene | 106 | 8.055 | 8.055 | 0.000 | 0 | 93791 | 20.0 | 22.6 | |
| 97 o-Xylene | 106 | 8.529 | 8.529 | 0.000 | 94 | 95826 | 20.0 | 21.1 | |
| 98 n-Butyl acrylate | 73 | 8.560 | 8.560 | 0.000 | 98 | 41139 | 20.0 | 22.9 | |
| 99 Styrene | 104 | 8.566 | 8.566 | 0.000 | 97 | 153599 | 20.0 | 22.0 | |
| 100 Bromoform | 173 | 8.785 | 8.785 | 0.000 | 97 | 43387 | 20.0 | 18.8 | |
| 101 Amyl acetate (mixed isomers) | 43 | 8.815 | 8.815 | 0.000 | 90 | 76357 | 20.0 | 20.1 | |
| 102 Isopropylbenzene | 105 | 8.925 | 8.925 | 0.000 | 95 | 182081 | 20.0 | 23.4 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.132 | 9.131 | 0.001 | 96 | 143079 | 50.0 | 54.1 | |
| 104 Bromobenzene | 156 | 9.253 | 9.253 | 0.000 | 91 | 77047 | 20.0 | 20.0 | |
| 105 1,1,2,2-Tetrachloroethane | 83 | 9.338 | 9.338 | 0.000 | 99 | 89554 | 20.0 | 21.5 | |
| 106 N-Propylbenzene | 91 | 9.345 | 9.344 | 0.001 | 99 | 226384 | 20.0 | 25.4 | |
| 107 1,2,3-Trichloropropane | 110 | 9.369 | 9.369 | 0.000 | 98 | 21081 | 20.0 | 20.4 | |
| 108 trans-1,4-Dichloro-2-butene | 53 | 9.399 | 9.399 | 0.000 | 95 | 9971 | 20.0 | 17.4 | |
| 109 2-Chlorotoluene | 91 | 9.442 | 9.442 | 0.000 | 96 | 185052 | 20.0 | 23.7 | |
| 110 4-Ethyltoluene | 105 | 9.460 | 9.460 | 0.000 | 98 | 190638 | 20.0 | 24.6 | |
| 111 1,3,5-Trimethylbenzene | 105 | 9.527 | 9.533 | -0.006 | 92 | 164659 | 20.0 | 24.6 | |
| 112 4-Chlorotoluene | 91 | 9.557 | 9.557 | 0.000 | 95 | 177575 | 20.0 | 23.4 | |
| 113 Butyl Methacrylate | 87 | 9.655 | 9.655 | 0.000 | 84 | 85381 | 20.0 | 26.0 | |
| 114 tert-Butylbenzene | 119 | 9.813 | 9.813 | 0.000 | 93 | 125539 | 20.0 | 24.0 | |
| 115 1,2,4-Trimethylbenzene | 105 | 9.874 | 9.874 | 0.000 | 97 | 171305 | 20.0 | 24.0 | |
| 116 sec-Butylbenzene | 105 | 10.014 | 10.014 | 0.000 | 99 | 170822 | 20.0 | 24.1 | |
| 117 1,3-Dichlorobenzene | 146 | 10.135 | 10.135 | 0.000 | 98 | 101298 | 20.0 | 20.3 | |
| 118 4-Isopropyltoluene | 119 | 10.148 | 10.147 | 0.001 | 98 | 141195 | 20.0 | 22.7 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.202 | 10.202 | 0.000 | 94 | 225437 | 50.0 | 50.0 | |
| 120 1,4-Dichlorobenzene | 146 | 10.221 | 10.220 | 0.001 | 95 | 113474 | 20.0 | 21.7 | |
| 121 1,2,3-Trimethylbenzene | 105 | 10.245 | 10.245 | 0.000 | 98 | 185436 | 20.0 | 22.4 | |
| 122 Benzyl chloride | 91 | 10.354 | 10.354 | 0.000 | 99 | 127219 | 20.0 | 21.6 | |
| 123 2,3-Dihydroindene | 117 | 10.403 | 10.403 | 0.000 | 94 | 168182 | 20.0 | 20.2 | |
| 124 p-Diethylbenzene | 119 | 10.470 | 10.470 | 0.000 | 94 | 80803 | 20.0 | 22.6 | |
| 125 n-Butylbenzene | 92 | 10.488 | 10.494 | -0.006 | 97 | 66092 | 20.0 | 23.5 | |
| 126 1,2-Dichlorobenzene | 146 | 10.531 | 10.531 | 0.000 | 99 | 107597 | 20.0 | 19.4 | |
| 127 1,2,4,5-Tetramethylbenzene | 119 | 11.097 | 11.103 | -0.006 | 97 | 123730 | 20.0 | 19.7 | |
| 128 1,2-Dibromo-3-Chloropropane | 157 | 11.182 | 11.182 | 0.000 | 90 | 15197 | 20.0 | 15.1 | |
| 129 1,3,5-Trichlorobenzene | 180 | 11.291 | 11.291 | 0.000 | 97 | 56654 | 20.0 | 20.4 | |
| 130 1,2,4-Trichlorobenzene | 180 | 11.766 | 11.766 | 0.000 | 94 | 53832 | 20.0 | 19.9 | |
| 131 Hexachlorobutadiene | 225 | 11.851 | 11.851 | 0.000 | 95 | 23090 | 20.0 | 23.8 | |
| 132 Naphthalene | 128 | 11.948 | 11.948 | 0.000 | 99 | 172080 | 20.0 | 17.0 | |
| 133 1,2,3-Trichlorobenzene | 180 | 12.125 | 12.125 | 0.000 | 95 | 48257 | 20.0 | 20.2 | |
| S 134 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.4 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 43.7 | |

| 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 | 106.8 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00657 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00209 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00038 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00187 | Amount Added: | 4.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00256 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Aug-2025 12:54:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21511.D

Injection Date: 16-Aug-2025 09:20:30 Instrument ID: CVOAMS8 Operator ID:

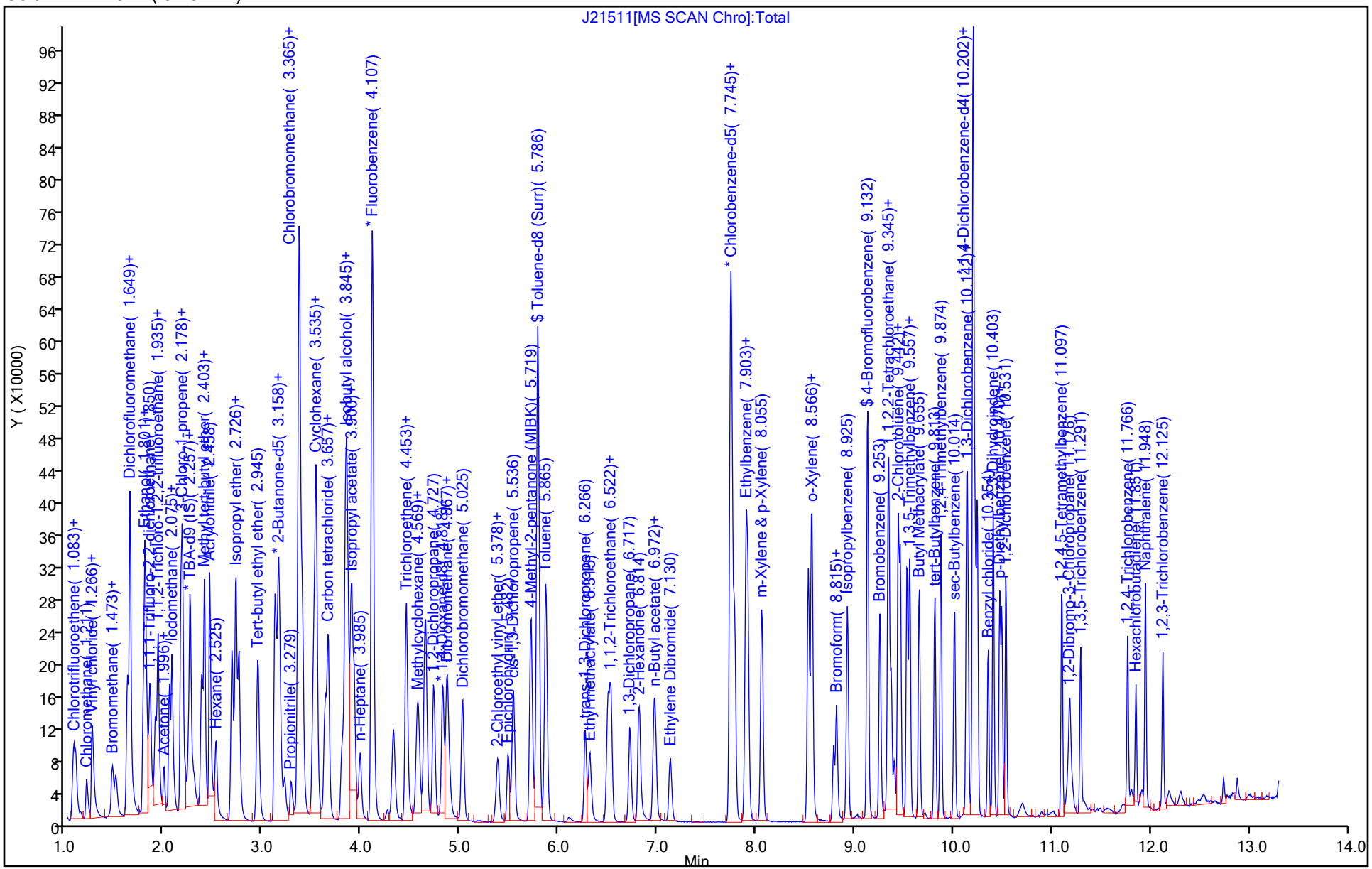
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21511.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Aug-2025 09:20:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0194998-005
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 12:53:51 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: RD6L Date: 16-Aug-2025 11:56:25

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 45.3 | 90.53 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.7 | 97.40 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 49.4 | 98.71 |
| $ 103 4-Bromofluorobenzene | 50.0 | 54.1 | 108.22 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-05S2-R MS | Lab Sample ID: 460-332739-5 MS

Matrix: Water | Lab File ID: J21523.D

Analysis Method: 8260D | Date Collected: 08/12/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 13:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 21.1 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 22.1 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 23.2 | | 1.0 | 0.22 |
| 108-88-3 | Toluene | 21.4 | | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 42.5 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 101 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 101 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 99 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 98 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21523.D
Lims ID: 460-332739-A-5 MS
Client ID: HHMW-05S2-R
Sample Type: MS
Inject. Date: 16-Aug-2025 13:53:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-5 MS
Misc. Info.: 460-0194998-017
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: RD6L Date: 16-Aug-2025 14:43:40

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.251 | 2.251 | 0.000 | 93 | 190066 | 1000.0 | 1000.0 | |
| 31 Methyl tert-butyl ether | 73 | 2.379 | 2.379 | 0.000 | 96 | 181652 | 20.0 | 23.2 | |
| * 40 2-Butanone-d5 | 46 | 3.121 | 3.121 | 0.000 | 97 | 194010 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.541 | 3.535 | 0.006 | 96 | 168349 | 50.0 | 49.5 | |
| 58 Benzene | 78 | 3.839 | 3.839 | 0.000 | 95 | 262254 | 20.0 | 21.1 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.857 | 3.857 | 0.000 | 0 | 129477 | 50.0 | 50.6 | |
| * 64 Fluorobenzene | 96 | 4.112 | 4.107 | 0.005 | 100 | 597164 | 50.0 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.806 | 4.806 | 0.000 | 0 | 21104 | 1000.0 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.792 | 5.786 | 0.006 | 99 | 410536 | 50.0 | 49.0 | |
| 82 Toluene | 91 | 5.871 | 5.865 | 0.006 | 93 | 228715 | 20.0 | 21.4 | |
| * 92 Chlorobenzene-d5 | 117 | 7.744 | 7.744 | 0.000 | 82 | 388061 | 50.0 | 50.0 | |
| 94 Ethylbenzene | 106 | 7.902 | 7.897 | 0.005 | 97 | 62465 | 20.0 | 22.1 | |
| 96 m-Xylene & p-Xylene | 106 | 8.061 | 8.055 | 0.006 | 0 | 71836 | 20.0 | 21.4 | |
| 97 o-Xylene | 106 | 8.529 | 8.529 | 0.000 | 94 | 77686 | 20.0 | 21.1 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.131 | 9.131 | 0.000 | 98 | 108590 | 50.0 | 50.7 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.202 | 10.202 | 0.000 | 93 | 185444 | 50.0 | 50.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 42.5 | |

## QC Flag Legend
Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00038 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00187 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00209 | Amount Added: | 20.00 | Units: uL | |
| GASES Li_00657 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00256 | Amount Added: | 1.00 | Units: uL | Run Reagent |

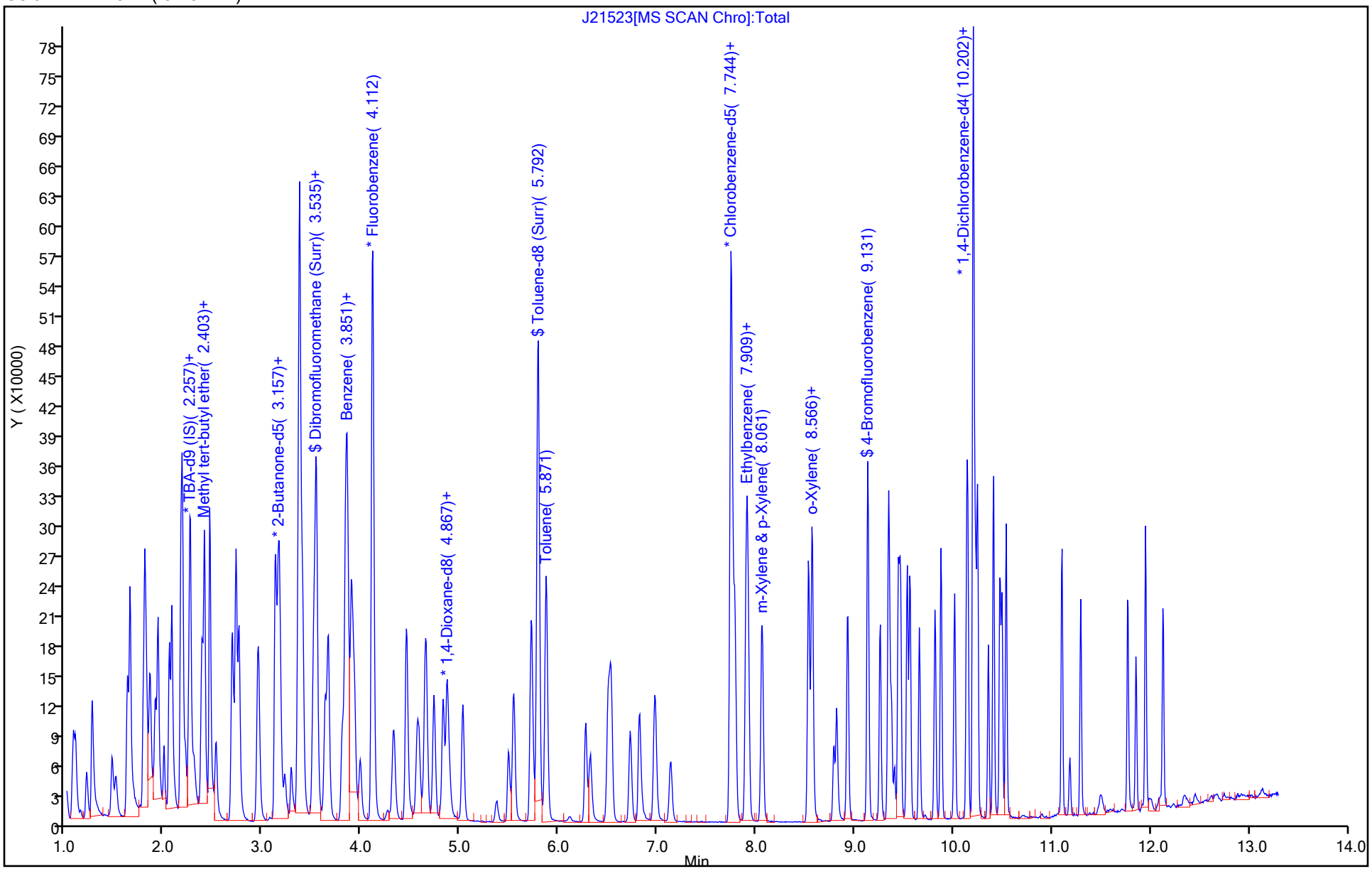
Report Date: 17-Aug-2025 13:01:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21523.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 13:53:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-5 MS | | | Worklist Smp#: | 17 |
| Client ID: | HHMW-05S2-R | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21523.D
Lims ID: 460-332739-A-5 MS
Client ID: HHMW-05S2-R
Sample Type: MS
Inject. Date: 16-Aug-2025 13:53:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-5 MS
Misc. Info.: 460-0194998-017
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: RD6L Date: 16-Aug-2025 14:43:40

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 49.5 | 99.01 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.6 | 101.13 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 49.0 | 97.97 |
| $ 103 4-Bromofluorobenzene | 50.0 | 50.7 | 101.36 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-05S2-R MSD | Lab Sample ID: 460-332739-5 MSD

Matrix: Water | Lab File ID: J21524.D

Analysis Method: 8260D | Date Collected: 08/12/2025 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2025 14:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1055943 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS8

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-43-2 | Benzene | 18.3 | | 0.45 | 0.070 |
| 100-41-4 | Ethylbenzene | 21.7 | | 1.0 | 0.30 |
| 1634-04-4 | Methyl tert-butyl ether | 24.5 | | 1.0 | 0.22 |
| 108-88-3 | Toluene | 20.3 | | 1.0 | 0.38 |
| 1330-20-7 | Xylenes, Total | 43.6 | | 2.0 | 0.65 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 109 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 99 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 96 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21524.D
Lims ID: 460-332739-A-5 MSD
Client ID: HHMW-05S2-R
Sample Type: MSD
Inject. Date: 16-Aug-2025 14:16:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-5 MSD
Misc. Info.: 460-0194998-018
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:01:36

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.253 | 2.251 | 0.002 | 91 | 200400 | 1000.0 | 1000.0 | |
| 31 Methyl tert-butyl ether | 73 | 2.381 | 2.379 | 0.002 | 96 | 175035 | 20.0 | 24.5 | |
| * 40 2-Butanone-d5 | 46 | 3.123 | 3.121 | 0.002 | 95 | 185568 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 3.537 | 3.535 | 0.002 | 97 | 153368 | 50.0 | 49.4 | |
| 58 Benzene | 78 | 3.841 | 3.839 | 0.002 | 95 | 223737 | 20.0 | 18.3 | |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 65 | 3.853 | 3.857 | -0.004 | 0 | 111652 | 50.0 | 47.8 | |
| * 64 Fluorobenzene | 96 | 4.109 | 4.107 | 0.002 | 100 | 544792 | 50.0 | 50.0 | |
| * 70 1,4-Dioxane-d8 | 96 | 4.809 | 4.806 | 0.003 | 0 | 19177 | 1000.0 | 1000.0 | |
| $ 81 Toluene-d8 (Surr) | 98 | 5.788 | 5.786 | 0.002 | 99 | 395192 | 50.0 | 47.9 | |
| 82 Toluene | 91 | 5.867 | 5.865 | 0.002 | 93 | 213762 | 20.0 | 20.3 | |
| * 92 Chlorobenzene-d5 | 117 | 7.747 | 7.744 | 0.003 | 82 | 381728 | 50.0 | 50.0 | |
| 94 Ethylbenzene | 106 | 7.899 | 7.897 | 0.002 | 97 | 60274 | 20.0 | 21.7 | |
| 96 m-Xylene & p-Xylene | 106 | 8.057 | 8.055 | 0.002 | 0 | 71555 | 20.0 | 21.7 | |
| 97 o-Xylene | 106 | 8.532 | 8.529 | 0.003 | 95 | 79609 | 20.0 | 21.9 | |
| $ 103 4-Bromofluorobenzene | 174 | 9.134 | 9.131 | 0.003 | 95 | 114461 | 50.0 | 54.3 | |
| * 119 1,4-Dichlorobenzene-d4 | 152 | 10.205 | 10.202 | 0.003 | 93 | 180372 | 50.0 | 50.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 43.6 | |

## QC Flag Legend
Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00038 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00187 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00209 | Amount Added: | 20.00 | Units: uL | |
| GASES Li_00657 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00210 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00256 | Amount Added: | 1.00 | Units: uL | Run Reagent |

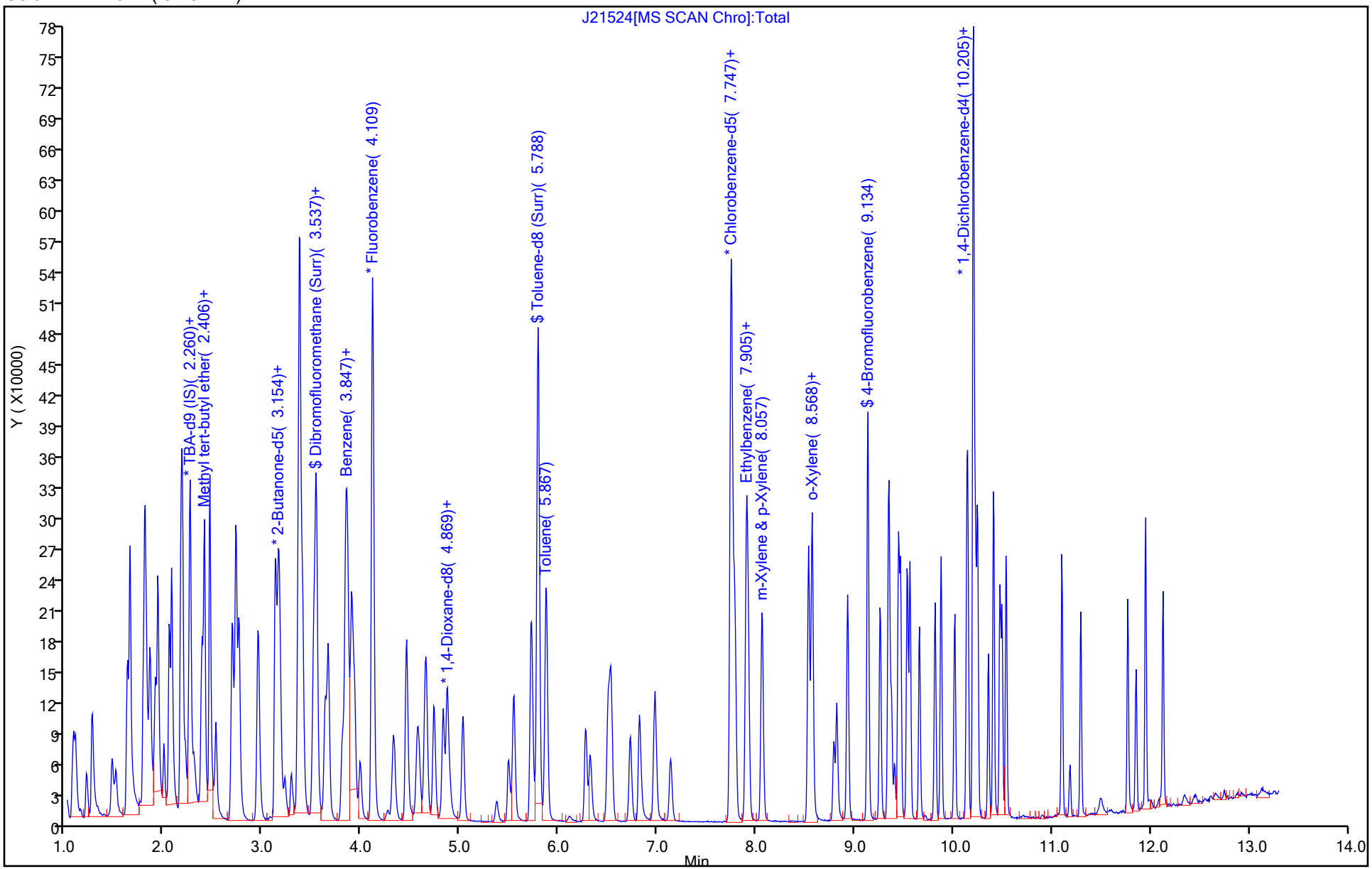
Report Date: 17-Aug-2025 13:01:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21524.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 16-Aug-2025 14:16:30 | Instrument ID: | CVOAMS8 | Operator ID: | |
| Lims ID: | 460-332739-A-5 MSD | | | Worklist Smp#: | 18 |
| Client ID: | HHMW-05S2-R | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | 8260_W8 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\J21524.D
Lims ID: 460-332739-A-5 MSD
Client ID: HHMW-05S2-R
Sample Type: MSD
Inject. Date: 16-Aug-2025 14:16:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-332739-A-5 MSD
Misc. Info.: 460-0194998-018
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20250816-194998.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Aug-2025 13:00:48 Calib Date: 26-Jul-2025 17:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20250726-194147.b\J20691.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: XE5L Date: 17-Aug-2025 13:01:36

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 49.4 | 98.87 |
| $ 59 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.8 | 95.59 |
| $ 81 Toluene-d8 (Surr) | 50.0 | 47.9 | 95.88 |
| $ 103 4-Bromofluorobenzene | 50.0 | 54.3 | 108.61 |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 07/26/2025 14:04

Analysis Batch Number: 1052136 End Date: 07/26/2025 21:00

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-1052136/1 | | 07/26/2025 14:04 | 1 | J20681.D | Rtx-624 0.25(mm) |
| STD9 460-1052136/3 IC | | 07/26/2025 14:53 | 1 | J20683.D | Rtx-624 0.25(mm) |
| STD8 460-1052136/4 IC | | 07/26/2025 15:16 | 1 | J20684.D | Rtx-624 0.25(mm) |
| STD1 460-1052136/6 IC | | 07/26/2025 16:02 | 1 | J20686.D | Rtx-624 0.25(mm) |
| STD5 460-1052136/7 IC | | 07/26/2025 16:25 | 1 | J20687.D | Rtx-624 0.25(mm) |
| STD20 460-1052136/8 ICIS | | 07/26/2025 16:47 | 1 | J20688.D | Rtx-624 0.25(mm) |
| STD50 460-1052136/9 IC | | 07/26/2025 17:10 | 1 | J20689.D | Rtx-624 0.25(mm) |
| STD200 460-1052136/10 IC | | 07/26/2025 17:32 | 1 | J20690.D | Rtx-624 0.25(mm) |
| STD500 460-1052136/11 IC | | 07/26/2025 17:56 | 1 | J20691.D | Rtx-624 0.25(mm) |
| ICV 460-1052136/19 | | 07/26/2025 21:00 | 1 | J20699.D | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 08/16/2025 08:30

Analysis Batch Number: 1055943 End Date: 08/16/2025 19:11

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1055943/3 | | 08/16/2025 08:30 | 1 | J21509.D | Rtx-624 0.25(mm) |
| LCS 460-1055943/5 | | 08/16/2025 09:20 | 1 | J21511.D | Rtx-624 0.25(mm) |
| MB 460-1055943/10 | | 08/16/2025 11:14 | 1 | J21516.D | Rtx-624 0.25(mm) |
| 460-332739-5 MS | HHMW-05S2-R MS | 08/16/2025 13:53 | 1 | J21523.D | Rtx-624 0.25(mm) |
| 460-332739-5 MSD | HHMW-05S2-R MSD | 08/16/2025 14:16 | 1 | J21524.D | Rtx-624 0.25(mm) |
| 460-332739-9 | FB-20250812 | 08/16/2025 15:24 | 1 | J21527.D | Rtx-624 0.25(mm) |
| 460-332739-10 | TB-20250812 | 08/16/2025 15:46 | 1 | J21528.D | Rtx-624 0.25(mm) |
| 460-332739-1 | HHMW-14 | 08/16/2025 16:09 | 1 | J21529.D | Rtx-624 0.25(mm) |
| 460-332739-2 | HHMW-19S1 | 08/16/2025 16:32 | 1 | J21530.D | Rtx-624 0.25(mm) |
| 460-332739-3 | HHMW-13 | 08/16/2025 16:55 | 1 | J21531.D | Rtx-624 0.25(mm) |
| 460-332739-4 | HHMW-16S1 | 08/16/2025 17:17 | 1 | J21532.D | Rtx-624 0.25(mm) |
| 460-332739-5 | HHMW-05S2-R | 08/16/2025 17:40 | 1 | J21533.D | Rtx-624 0.25(mm) |
| 460-332739-6 | MW-03 | 08/16/2025 18:03 | 1 | J21534.D | Rtx-624 0.25(mm) |
| 460-332739-7 | HHMW-18S1 | 08/16/2025 18:26 | 1 | J21535.D | Rtx-624 0.25(mm) |
| 460-332739-8 | HHMW-09S1 | 08/16/2025 18:48 | 1 | J21536.D | Rtx-624 0.25(mm) |
| 460-332739-11 | DUP-01 | 08/16/2025 19:11 | 1 | J21537.D | Rtx-624 0.25(mm) |

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1052136  Batch Start Date: 07/26/25 14:04  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | 14DIOXINTER 00187 | 524FREONS 00037 | 7 Freons Hi 00030 | 7 Freons SS 00030 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1052136/1 | | 8260D | | | 5 mL | 5 mL | | | | |
| STD9 460-1052136/3 IC | | 8260D | | | 5 mL | 5 mL | | | | |
| STD8 460-1052136/4 IC | | 8260D | | | 5 mL | 5 mL | | | | |
| STD1 460-1052136/6 IC | | 8260D | | | 5 mL | 5 mL | 30 uL | 10 uL | | |
| STD5 460-1052136/7 IC | | 8260D | | | 5 mL | 5 mL | | 10 uL | | |
| STD20 460-1052136/8 ICIS | | 8260D | | | 5 mL | 5 mL | | 20 uL | | |
| STD50 460-1052136/9 IC | | 8260D | | | 5 mL | 5 mL | | 50 uL | | |
| STD200 460-1052136/10 IC | | 8260D | | | 5 mL | 5 mL | | | 20 uL | |
| STD500 460-1052136/11 IC | | 8260D | | | 5 mL | 5 mL | | | 50 uL | |
| ICV 460-1052136/19 | | 8260D | | | 5 mL | 5 mL | | | | 20 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260 SP 00196 | 8260ISNEW 00210 | 8260MIX1COMB 00209 | 8260SURR250 00255 | ACROLEIN SP 00179 | ACROLEIN W 00186 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1052136/1 | | 8260D | | | | | | | | |
| STD9 460-1052136/3 IC | | 8260D | | | | 1 uL | 2 uL | 1 uL | | |
| STD8 460-1052136/4 IC | | 8260D | | | | 1 uL | | 1 uL | | |
| STD1 460-1052136/6 IC | | 8260D | | | | 1 uL | 10 uL | 1 uL | | 4 uL |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1052136  Batch Start Date: 07/26/25 14:04  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260 SP 00196 | 8260ISNEW 00210 | 8260MIX1COMB 00209 | 8260SURR250 00255 | ACROLEIN SP 00179 | ACROLEIN W 00186 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD5 460-1052136/7 IC | | 8260D | | | | 1 uL | 10 uL | 1 uL | | 4 uL |
| STD20 460-1052136/8 ICIS | | 8260D | | | | 1 uL | 20 uL | 1 uL | | 4 uL |
| STD50 460-1052136/9 IC | | 8260D | | | | 1 uL | 50 uL | 1 uL | | 10 uL |
| STD200 460-1052136/10 IC | | 8260D | | | | 1 uL | | 1 uL | | 20 uL |
| STD500 460-1052136/11 IC | | 8260D | | | | 1 uL | | 1 uL | | 40 uL |
| ICV 460-1052136/19 | | 8260D | | | 20 uL | 1 uL | | 1 uL | 4 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | ACRY/EPIH MIX 00139 | alpha-Pinene 00012 | alpha-Pinene 00013 | alpha-Pinene 00014 | BFB 00039 | Ethanol mix 00104 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1052136/1 | | 8260D | | | | | | | 1 uL | |
| STD9 460-1052136/3 IC | | 8260D | | | | | | | | |
| STD8 460-1052136/4 IC | | 8260D | | | 20 uL | | | | | |
| STD1 460-1052136/6 IC | | 8260D | | | | 10 uL | | | | |
| STD5 460-1052136/7 IC | | 8260D | | | | 10 uL | | | | |
| STD20 460-1052136/8 ICIS | | 8260D | | | | 20 uL | | | | |
| STD50 460-1052136/9 IC | | 8260D | | | | 50 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.: 460-332739-1

SDG No.:

Batch Number: 1052136 Batch Start Date: 07/26/25 14:04 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | ACRY/EPIH MIX 00139 | alpha-Pinene 00012 | alpha-Pinene 00013 | alpha-Pinene 00014 | BFB 00039 | Ethanol mix 00104 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD200 460-1052136/10 IC | | 8260D | | | | | 20 uL | | | 20 uL |
| STD500 460-1052136/11 IC | | 8260D | | | | | 50 uL | | | 50 uL |
| ICV 460-1052136/19 | | 8260D | | | | | | 20 uL | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | GAS C SP 00632 | GAS Hi 00500 | GASES Li 00653 | MIX 2 Hi 00164 | MIX I Hi 00191 | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1052136/1 | | 8260D | | | | | | | | |
| STD9 460-1052136/3 IC | | 8260D | | | | | 2 uL | | | |
| STD8 460-1052136/4 IC | | 8260D | | | | | | | | |
| STD1 460-1052136/6 IC | | 8260D | | | | | 10 uL | | | |
| STD5 460-1052136/7 IC | | 8260D | | | | | 10 uL | | | |
| STD20 460-1052136/8 ICIS | | 8260D | | | | | 20 uL | | | |
| STD50 460-1052136/9 IC | | 8260D | | | | | 50 uL | | | |
| STD200 460-1052136/10 IC | | 8260D | | | | 20 uL | | 20 uL | 20 uL | |
| STD500 460-1052136/11 IC | | 8260D | | | | 50 uL | | 50 uL | 50 uL | |
| ICV 460-1052136/19 | | 8260D | | | 20 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.: 460-332739-1

SDG No.:

Batch Number: 1052136  Batch Start Date: 07/26/25 14:04  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1055943  Batch Start Date: 08/16/25 08:30  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | Initial pH | 524FREONS 00038 | 8260ISNEW 00210 | 8260MIX1COMB 00209 |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1055943/3 | | 8260D | | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCS 460-1055943/5 | | 8260D | | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| MB 460-1055943/10 | | 8260D | | | 5 mL | 5 mL | | | 1 uL | |
| 460-332739-A-5 MS | HHMW-05S2-R | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | 20 uL | 1 uL | 20 uL |
| 460-332739-A-5 MSD | HHMW-05S2-R | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | 20 uL | 1 uL | 20 uL |
| 460-332739-A-9 | FB-20250812 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-10 | TB-20250812 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-1 | HHMW-14 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-2 | HHMW-19S1 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-3 | HHMW-13 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-4 | HHMW-16S1 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-5 | HHMW-05S2-R | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-6 | MW-03 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-7 | HHMW-18S1 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-8 | HHMW-09S1 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-332739-A-11 | DUP-01 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260SURR250 00256 | ACROLEIN W 00187 | GASES Li 00657 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1055943/3 | | 8260D | | | 1 uL | 4 uL | 20 uL | | | |
| LCS 460-1055943/5 | | 8260D | | | 1 uL | 4 uL | 20 uL | | | |
| MB 460-1055943/10 | | 8260D | | | 1 uL | | | | | |
| 460-332739-A-5 MS | HHMW-05S2-R | 8260D | Water | T | 1 uL | 4 uL | 20 uL | | | |
| 460-332739-A-5 MSD | HHMW-05S2-R | 8260D | Water | T | 1 uL | 4 uL | 20 uL | | | |
| 460-332739-A-9 | FB-20250812 | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-10 | TB-20250812 | 8260D | Water | T | 1 uL | | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1055943  Batch Start Date: 08/16/25 08:30  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260SURR250 00256 | ACROLEIN W 00187 | GASES Li 00657 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 460-332739-A-1 | HHMW-14 | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-2 | HHMW-19S1 | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-3 | HHMW-13 | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-4 | HHMW-16S1 | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-5 | HHMW-05S2-R | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-6 | MW-03 | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-7 | HHMW-18S1 | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-8 | HHMW-09S1 | 8260D | Water | T | 1 uL | | | | | |
| 460-332739-A-11 | DUP-01 | 8260D | Water | 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.

# 8270E

## Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

| Client Sample ID | Lab Sample ID | NBZ # | FBP # | TPHL # |
|---|---|---|---|---|
| HHMW-14 | 460-332739-1 | 73 | 72 | 41 |
| HHMW-19S1 | 460-332739-2 | 80 | 78 | 45 |
| HHMW-13 | 460-332739-3 | 80 | 78 | 41 |
| HHMW-16S1 | 460-332739-4 | 77 | 75 | 51 |
| HHMW-05S2-R | 460-332739-5 | 72 | 67 | 28 |
| MW-03 | 460-332739-6 | 68 | 67 | 39 |
| HHMW-18S1 | 460-332739-7 | 69 | 66 | 41 |
| HHMW-09S1 | 460-332739-8 | 72 | 62 | 36 |
| FB-20250812 | 460-332739-9 | 73 | 73 | 59 |
| DUP-01 | 460-332739-11 | 79 | 76 | 60 |
| | MB 460-1055552/1-A | 81 | 78 | 73 |
| | MB 460-1055555/1-A | 62 | 56 | 60 |
| | LCS 460-1055552/2-A | 77 | 73 | 42 |
| | LCS 460-1055555/2-A | 76 | 75 | 49 |
| | LCSD 460-1055552/3-A | 76 | 72 | 40 |
| | LCSD 460-1055555/3-A | 76 | 75 | 49 |
| HHMW-05S2-R MS | 460-332739-5 MS | 75 | 71 | 33 |
| HHMW-05S2-R MSD | 460-332739-5 MSD | 66 | 61 | 30 |

| | QC LIMITS |
|---|---|
| NBZ = Nitrobenzene-d5 (Surr) | 39-145 |
| FBP = 2-Fluorobiphenyl | 38-139 |
| TPHL = Terphenyl-d14 (Surr) | 10-133 |

# Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N59952.d

Lab ID: LCS 460-1055552/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 72.3 | 90 | 45-110 | |
| Acenaphthene | 80.0 | 65.3 | 82 | 58-127 | |
| Acenaphthylene | 80.0 | 67.7 | 85 | 63-133 | |
| Anthracene | 80.0 | 69.5 | 87 | 59-127 | |
| Benzo[a]anthracene | 80.0 | 70.0 | 88 | 58-131 | |
| Benzo[a]pyrene | 80.0 | 69.6 | 87 | 63-148 | |
| Benzo[b]fluoranthene | 80.0 | 66.7 | 83 | 60-140 | |
| Benzo[g,h,i]perylene | 80.0 | 66.9 | 84 | 52-150 | |
| Benzo[k]fluoranthene | 80.0 | 72.0 | 90 | 60-140 | |
| Chrysene | 80.0 | 70.7 | 88 | 57-132 | |
| Dibenz(a,h)anthracene | 80.0 | 73.0 | 91 | 53-150 | |
| Fluoranthene | 80.0 | 80.0 | 100 | 59-137 | |
| Fluorene | 80.0 | 71.0 | 89 | 61-125 | |
| Indeno[1,2,3-cd]pyrene | 80.0 | 71.5 | 89 | 54-150 | |
| Naphthalene | 80.0 | 65.7 | 82 | 45-126 | |
| Phenanthrene | 80.0 | 68.6 | 86 | 58-126 | |
| Pyrene | 80.0 | 59.5 | 74 | 53-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P94270.D

Lab ID: LCS 460-1055555/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 68.4 | 85 | 45-110 | |
| Acenaphthene | 80.0 | 66.0 | 82 | 58-127 | |
| Acenaphthylene | 80.0 | 68.8 | 86 | 63-133 | |
| Anthracene | 80.0 | 69.7 | 87 | 59-127 | |
| Benzo[a]anthracene | 80.0 | 71.2 | 89 | 58-131 | |
| Benzo[a]pyrene | 80.0 | 73.4 | 92 | 63-148 | |
| Benzo[b]fluoranthene | 80.0 | 73.0 | 91 | 60-140 | |
| Benzo[g,h,i]perylene | 80.0 | 65.3 | 82 | 52-150 | |
| Benzo[k]fluoranthene | 80.0 | 71.2 | 89 | 60-140 | |
| Chrysene | 80.0 | 70.4 | 88 | 57-132 | |
| Dibenz(a,h)anthracene | 80.0 | 69.9 | 87 | 53-150 | |
| Fluoranthene | 80.0 | 72.2 | 90 | 59-137 | |
| Fluorene | 80.0 | 68.1 | 85 | 61-125 | |
| Indeno[1,2,3-cd]pyrene | 80.0 | 69.7 | 87 | 54-150 | |
| Naphthalene | 80.0 | 65.6 | 82 | 45-126 | |
| Phenanthrene | 80.0 | 69.8 | 87 | 58-126 | |
| Pyrene | 80.0 | 72.9 | 91 | 53-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N59953.d

Lab ID: LCSD 460-1055552/3-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 73.1 | 91 | 1 | 30 | 45-110 | |
| Acenaphthene | 80.0 | 65.7 | 82 | 1 | 30 | 58-127 | |
| Acenaphthylene | 80.0 | 67.5 | 84 | 0 | 30 | 63-133 | |
| Anthracene | 80.0 | 70.4 | 88 | 1 | 30 | 59-127 | |
| Benzo[a]anthracene | 80.0 | 70.8 | 89 | 1 | 30 | 58-131 | |
| Benzo[a]pyrene | 80.0 | 72.0 | 90 | 3 | 30 | 63-148 | |
| Benzo[b]fluoranthene | 80.0 | 72.6 | 91 | 9 | 30 | 60-140 | |
| Benzo[g,h,i]perylene | 80.0 | 65.7 | 82 | 2 | 30 | 52-150 | |
| Benzo[k]fluoranthene | 80.0 | 70.6 | 88 | 2 | 30 | 60-140 | |
| Chrysene | 80.0 | 68.4 | 85 | 3 | 30 | 57-132 | |
| Dibenz(a,h)anthracene | 80.0 | 70.6 | 88 | 3 | 30 | 53-150 | |
| Fluoranthene | 80.0 | 80.5 | 101 | 1 | 30 | 59-137 | |
| Fluorene | 80.0 | 70.4 | 88 | 1 | 30 | 61-125 | |
| Indeno[1,2,3-cd]pyrene | 80.0 | 68.9 | 86 | 4 | 30 | 54-150 | |
| Naphthalene | 80.0 | 65.4 | 82 | 0 | 30 | 45-126 | |
| Phenanthrene | 80.0 | 69.8 | 87 | 2 | 30 | 58-126 | |
| Pyrene | 80.0 | 59.5 | 74 | 0 | 30 | 53-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P94271.D

Lab ID: LCSD 460-1055555/3-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 80.0 | 68.5 | 86 | 0 | 30 | 45-110 | |
| Acenaphthene | 80.0 | 67.0 | 84 | 1 | 30 | 58-127 | |
| Acenaphthylene | 80.0 | 69.4 | 87 | 1 | 30 | 63-133 | |
| Anthracene | 80.0 | 69.5 | 87 | 0 | 30 | 59-127 | |
| Benzo[a]anthracene | 80.0 | 72.0 | 90 | 1 | 30 | 58-131 | |
| Benzo[a]pyrene | 80.0 | 72.4 | 91 | 1 | 30 | 63-148 | |
| Benzo[b]fluoranthene | 80.0 | 71.9 | 90 | 2 | 30 | 60-140 | |
| Benzo[g,h,i]perylene | 80.0 | 64.7 | 81 | 1 | 30 | 52-150 | |
| Benzo[k]fluoranthene | 80.0 | 70.8 | 89 | 1 | 30 | 60-140 | |
| Chrysene | 80.0 | 71.3 | 89 | 1 | 30 | 57-132 | |
| Dibenz(a,h)anthracene | 80.0 | 70.3 | 88 | 1 | 30 | 53-150 | |
| Fluoranthene | 80.0 | 71.5 | 89 | 1 | 30 | 59-137 | |
| Fluorene | 80.0 | 66.9 | 84 | 2 | 30 | 61-125 | |
| Indeno[1,2,3-cd]pyrene | 80.0 | 70.0 | 87 | 0 | 30 | 54-150 | |
| Naphthalene | 80.0 | 65.7 | 82 | 0 | 30 | 45-126 | |
| Phenanthrene | 80.0 | 69.3 | 87 | 1 | 30 | 58-126 | |
| Pyrene | 80.0 | 72.1 | 90 | 1 | 30 | 53-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N59979.d

Lab ID: 460-332739-5 MS Client ID: HHMW-05S2-R MS

| COMPOUND | SPIKE ADDED (ug/L) | SAMPLE CONCENTRATION (ug/L) | MS CONCENTRATION (ug/L) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 40.0 | 10 U | 47.7 | 119 | 45-110 | * |
| Acenaphthene | 40.0 | 10 U | 42.2 | 105 | 58-127 | |
| Acenaphthylene | 40.0 | 10 U | 45.0 | 113 | 63-133 | |
| Anthracene | 40.0 | 10 U | 45.6 | 114 | 59-127 | |
| Benzo[a]anthracene | 40.0 | 1.0 U | 45.3 | 113 | 58-131 | |
| Benzo[a]pyrene | 40.0 | 1.0 U | 45.9 | 115 | 63-148 | |
| Benzo[b]fluoranthene | 40.0 | 2.0 U | 43.6 | 109 | 60-140 | |
| Benzo[g,h,i]perylene | 40.0 | 10 U | 41.0 | 102 | 52-150 | |
| Benzo[k]fluoranthene | 40.0 | 1.0 U | 47.5 | 119 | 60-140 | |
| Chrysene | 40.0 | 2.0 U | 46.5 | 116 | 57-132 | |
| Dibenz(a,h)anthracene | 40.0 | 1.0 U | 43.7 | 109 | 53-150 | |
| Fluoranthene | 40.0 | 10 U | 51.1 | 128 | 59-137 | |
| Fluorene | 40.0 | 10 U | 46.0 | 115 | 61-125 | |
| Indeno[1,2,3-cd]pyrene | 40.0 | 2.0 U | 43.1 | 108 | 54-150 | |
| Naphthalene | 40.0 | 2.0 U | 43.4 | 109 | 45-126 | |
| Phenanthrene | 40.0 | 10 U | 46.1 | 115 | 58-126 | |
| Pyrene | 40.0 | 10 U | 41.2 | 103 | 53-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N59980.d

Lab ID: 460-332739-5 MSD Client ID: HHMW-05S2-R MSD

| COMPOUND | SPIKE ADDED (ug/L) | MSD CONCENTRATION (ug/L) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 40.0 | 38.8 | 97 | 21 | 30 | 45-110 | |
| Acenaphthene | 40.0 | 34.5 | 86 | 20 | 30 | 58-127 | |
| Acenaphthylene | 40.0 | 36.8 | 92 | 20 | 30 | 63-133 | |
| Anthracene | 40.0 | 37.5 | 94 | 19 | 30 | 59-127 | |
| Benzo[a]anthracene | 40.0 | 37.1 | 93 | 20 | 30 | 58-131 | |
| Benzo[a]pyrene | 40.0 | 38.5 | 96 | 17 | 30 | 63-148 | |
| Benzo[b]fluoranthene | 40.0 | 37.0 | 92 | 16 | 30 | 60-140 | |
| Benzo[g,h,i]perylene | 40.0 | 36.3 | 91 | 12 | 30 | 52-150 | |
| Benzo[k]fluoranthene | 40.0 | 39.3 | 98 | 19 | 30 | 60-140 | |
| Chrysene | 40.0 | 39.0 | 97 | 17 | 30 | 57-132 | |
| Dibenz(a,h)anthracene | 40.0 | 38.2 | 96 | 13 | 30 | 53-150 | |
| Fluoranthene | 40.0 | 42.5 | 106 | 19 | 30 | 59-137 | |
| Fluorene | 40.0 | 37.8 | 95 | 19 | 30 | 61-125 | |
| Indeno[1,2,3-cd]pyrene | 40.0 | 37.8 | 94 | 13 | 30 | 54-150 | |
| Naphthalene | 40.0 | 35.8 | 89 | 19 | 30 | 45-126 | |
| Phenanthrene | 40.0 | 37.2 | 93 | 21 | 30 | 58-126 | |
| Pyrene | 40.0 | 32.7 | 82 | 23 | 30 | 53-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab File ID: N59954.d  Lab Sample ID: MB 460-1055552/1-A

Matrix: Water  Date Extracted: 08/14/2025 10:57

Instrument ID: CBNAMS14  Date Analyzed: 08/14/2025 18:32

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1055552/2-A | N59952.d | 08/14/2025 17:42 |
| | LCSD 460-1055552/3-A | N59953.d | 08/14/2025 18:09 |
| HHMW-05S2-R | 460-332739-5 | N59978.d | 08/15/2025 03:21 |
| HHMW-05S2-R MS | 460-332739-5 MS | N59979.d | 08/15/2025 03:43 |
| HHMW-05S2-R MSD | 460-332739-5 MSD | N59980.d | 08/15/2025 04:05 |

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab File ID: P94272.D  Lab Sample ID: MB 460-1055555/1-A

Matrix: Water  Date Extracted: 08/14/2025 11:07

Instrument ID: CBNAMS18  Date Analyzed: 08/14/2025 19:09

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1055555/2-A | P94270.D | 08/14/2025 18:26 |
| | LCSD 460-1055555/3-A | P94271.D | 08/14/2025 18:48 |
| HHMW-14 | 460-332739-1 | P94276.D | 08/14/2025 20:39 |
| HHMW-19S1 | 460-332739-2 | P94277.D | 08/14/2025 21:00 |
| HHMW-13 | 460-332739-3 | P94278.D | 08/14/2025 21:21 |
| HHMW-16S1 | 460-332739-4 | P94279.D | 08/14/2025 21:43 |
| MW-03 | 460-332739-6 | P94280.D | 08/14/2025 22:04 |
| HHMW-18S1 | 460-332739-7 | P94281.D | 08/14/2025 22:26 |
| FB-20250812 | 460-332739-9 | P94282.D | 08/14/2025 22:47 |
| DUP-01 | 460-332739-11 | P94283.D | 08/14/2025 23:09 |
| HHMW-09S1 | 460-332739-8 | P94287.D | 08/15/2025 00:34 |

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab File ID: N58879.d  DFTPP Injection Date: 06/21/2025

Instrument ID: CBNAMS14  DFTPP Injection Time: 10:06

Analysis Batch No.: 1045243

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 68 | Less than 2% of m/z 69 | 0.0 | (0.0) 1 |
| 69 | Present | 39.8 | |
| 70 | Less than 2% of m/z 69 | 0.3 | (0.6) 1 |
| 197 | Less than 2% of m/z 198 | 0.0 | |
| 198 | Base Peak | 100.0 | |
| 199 | 5-9% of m/z 198 | 6.8 | |
| 365 | Greater than 1% of Base Peak | 4.7 | |
| 441 | Less than 150% of m/z 443 | 21.5 | (89.6) 3 |
| 442 | Present | 128.7 | |
| 443 | 15-24% of m/z 442 | 24.0 | (18.7) 2 |

1-Value is % mass 69  2-Value is % mass 442  3-Value is % mass 443

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 |
|---|---|---|---|---|
| | ICIS 460-1045243/2 | N58880.d | 06/21/2025 | 10:22 |
| | STD24 460-1045243/3 | N58881.d | 06/21/2025 | 10:44 |
| | STD16 460-1045243/4 | N58882.d | 06/21/2025 | 11:06 |
| | STD4 460-1045243/5 | N58883.d | 06/21/2025 | 11:29 |
| | STD2 460-1045243/6 | N58884.d | 06/21/2025 | 11:51 |
| | STD1 460-1045243/7 | N58885.d | 06/21/2025 | 12:14 |
| | STD04 460-1045243/8 | N58886.d | 06/21/2025 | 12:36 |
| | STD02 460-1045243/9 | N58887.d | 06/21/2025 | 12:59 |
| | STD01 460-1045243/10 | N58888.d | 06/21/2025 | 13:21 |
| | STD002 460-1045243/11 | N58889.d | 06/21/2025 | 13:44 |
| | ICV 460-1045243/12 | N58890.d | 06/21/2025 | 14:06 |

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab File ID: P94216.D  DFTPP Injection Date: 08/11/2025

Instrument ID: CBNAMS18  DFTPP Injection Time: 08:06

Analysis Batch No.: 1054842

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2% of m/z 69 | 1.1 (1.7) 1 |
| 69 | Present | 64.8 |
| 70 | Less than 2% of m/z 69 | 0.3 (0.5) 1 |
| 197 | Less than 2% of m/z 198 | 0.0 |
| 198 | Base Peak | 100.0 |
| 199 | 5-9% of m/z 198 | 6.6 |
| 365 | Greater than 1% of Base Peak | 3.3 |
| 441 | Less than 150% of m/z 443 | 21.1 (103.2) 3 |
| 442 | Present | 104.0 |
| 443 | 15-24% of m/z 442 | 20.4 (19.6) 2 |

1-Value is % mass 69  2-Value is % mass 442  3-Value is % mass 443

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 |
|---|---|---|---|---|
| | ICIS 460-1054842/2 | P94217.D | 08/11/2025 | 8:22 |
| | STD24 460-1054842/3 | P94218.D | 08/11/2025 | 8:44 |
| | STD16 460-1054842/4 | P94219.D | 08/11/2025 | 9:05 |
| | STD4 460-1054842/5 | P94220.D | 08/11/2025 | 9:26 |
| | STD2 460-1054842/6 | P94221.D | 08/11/2025 | 9:48 |
| | STD1 460-1054842/7 | P94222.D | 08/11/2025 | 10:09 |
| | STD04 460-1054842/8 | P94223.D | 08/11/2025 | 10:30 |
| | STD02 460-1054842/9 | P94224.D | 08/11/2025 | 10:51 |
| | STD01 460-1054842/10 | P94225.D | 08/11/2025 | 11:13 |
| | STD002 460-1054842/11 | P94226.D | 08/11/2025 | 11:34 |
| | ICV 460-1054842/12 | P94227.D | 08/11/2025 | 11:55 |

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

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: ICIS 460-1045243/2 Date Analyzed: 06/21/2025 10:22

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N58880.d Heated Purge: (Y/N) N

Calibration ID: 101499

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 339555 | 3.93 | 1204628 | 5.17 | 580779 | 6.86 |
| UPPER LIMIT | | 679110 | 4.43 | 2409256 | 5.67 | 1161558 | 7.36 |
| LOWER LIMIT | | 169778 | 3.43 | 602314 | 4.67 | 290390 | 6.36 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1045243/12 | | 374707 | 3.93 | 1343169 | 5.17 | 643137 | 6.86 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: ICIS 460-1045243/2 Date Analyzed: 06/21/2025 10:22

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N58880.d Heated Purge: (Y/N) N

Calibration ID: 101499

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 893606 | 8.26 | 502138 | 10.85 | 479895 | 12.65 |
| UPPER LIMIT | | 1787212 | 8.76 | 1004276 | 11.35 | 959790 | 13.15 |
| LOWER LIMIT | | 446803 | 7.76 | 251069 | 10.35 | 239948 | 12.15 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1045243/12 | | 995860 | 8.26 | 552723 | 10.85 | 516145 | 12.65 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: CCVIS 460-1055605/2 Date Analyzed: 08/14/2025 16:31

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N59950.d Heated Purge: (Y/N) N

Calibration ID: 101499

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 387224 | 3.73 | 1363464 | 4.98 | 719899 | 6.67 |
| UPPER LIMIT | | 774448 | 4.23 | 2726928 | 5.48 | 1439798 | 7.17 |
| LOWER LIMIT | | 193612 | 3.23 | 681732 | 4.48 | 359950 | 6.17 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1055552/2-A | | 431315 | 3.73 | 1553064 | 4.98 | 871423 | 6.66 |
| LCSD 460-1055552/3-A | | 456144 | 3.73 | 1661003 | 4.98 | 921169 | 6.66 |
| MB 460-1055552/1-A | | 546281 | 3.73 | 1982126 | 4.98 | 1147419 | 6.66 |
| 460-332739-5 | HHMW-05S2-R | 584013 | 3.73 | 2150220 | 4.98 | 1229813 | 6.66 |
| 460-332739-5 MS | HHMW-05S2-R MS | 502221 | 3.73 | 1820626 | 4.98 | 1033290 | 6.66 |
| 460-332739-5 MSD | HHMW-05S2-R MSD | 470505 | 3.73 | 1710307 | 4.98 | 962658 | 6.66 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: CCVIS 460-1055605/2 Date Analyzed: 08/14/2025 16:31

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N59950.d Heated Purge: (Y/N) N

Calibration ID: 101499

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 1286510 | 8.07 | 919321 | 10.60 | 810155 | 12.33 |
| UPPER LIMIT | | 2573020 | 8.57 | 1838642 | 11.10 | 1620310 | 12.83 |
| LOWER LIMIT | | 643255 | 7.57 | 459661 | 10.10 | 405078 | 11.83 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1055552/2-A | | 1503243 | 8.07 | 1088393 | 10.60 | 1029823 | 12.33 |
| LCSD 460-1055552/3-A | | 1597641 | 8.07 | 1183790 | 10.60 | 1063249 | 12.33 |
| MB 460-1055552/1-A | | 2047493 | 8.06 | 1447513 | 10.60 | 1292854 | 12.33 |
| 460-332739-5 | HHMW-05S2-R | 2133207 | 8.06 | 1427461 | 10.60 | 1247293 | 12.33 |
| 460-332739-5 MS | HHMW-05S2-R MS | 1771497 | 8.06 | 1193263 | 10.60 | 1047144 | 12.33 |
| 460-332739-5 MSD | HHMW-05S2-R MSD | 1664832 | 8.06 | 1160084 | 10.60 | 1058061 | 12.33 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: ICIS 460-1054842/2 Date Analyzed: 08/11/2025 08:22

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P94217.D Heated Purge: (Y/N) N

Calibration ID: 102043

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 302150 | 4.47 | 1218871 | 5.68 | 583103 | 7.35 |
| UPPER LIMIT | | 604300 | 4.97 | 2437742 | 6.18 | 1166206 | 7.85 |
| LOWER LIMIT | | 151075 | 3.97 | 609436 | 5.18 | 291552 | 6.85 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1054842/12 | | 311583 | 4.47 | 1257975 | 5.68 | 588501 | 7.35 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: ICIS 460-1054842/2 Date Analyzed: 08/11/2025 08:22

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P94217.D Heated Purge: (Y/N) N

Calibration ID: 102043

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 949606 | 8.76 | 555941 | 11.41 | 511997 | 13.32 |
| UPPER LIMIT | | 1899212 | 9.26 | 1111882 | 11.91 | 1023994 | 13.82 |
| LOWER LIMIT | | 474803 | 8.26 | 277971 | 10.91 | 255999 | 12.82 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1054842/12 | | 963261 | 8.75 | 571303 | 11.40 | 546669 | 13.31 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: CCVIS 460-1055613/2 Date Analyzed: 08/14/2025 16:29

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P94265.D Heated Purge: (Y/N) N

Calibration ID: 102043

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 420350 | 4.47 | 1626314 | 5.68 | 773663 | 7.35 |
| UPPER LIMIT | | 840700 | 4.97 | 3252628 | 6.18 | 1547326 | 7.85 |
| LOWER LIMIT | | 210175 | 3.97 | 813157 | 5.18 | 386832 | 6.85 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1055555/2-A | | 417028 | 4.47 | 1634163 | 5.68 | 824598 | 7.35 |
| LCSD 460-1055555/3-A | | 403277 | 4.47 | 1631529 | 5.68 | 824122 | 7.34 |
| MB 460-1055555/1-A | | 514045 | 4.47 | 2059548 | 5.68 | 1060849 | 7.34 |
| 460-332739-1 | HHMW-14 | 507402 | 4.47 | 2056486 | 5.68 | 1072096 | 7.34 |
| 460-332739-2 | HHMW-19S1 | 420025 | 4.47 | 1654990 | 5.68 | 842105 | 7.34 |
| 460-332739-3 | HHMW-13 | 471819 | 4.47 | 1896829 | 5.67 | 976912 | 7.34 |
| 460-332739-4 | HHMW-16S1 | 479178 | 4.47 | 1925920 | 5.68 | 985019 | 7.34 |
| 460-332739-6 | MW-03 | 456385 | 4.47 | 1804372 | 5.68 | 923839 | 7.34 |
| 460-332739-7 | HHMW-18S1 | 443600 | 4.47 | 1780515 | 5.67 | 919977 | 7.34 |
| 460-332739-9 | FB-20250812 | 478110 | 4.47 | 1984922 | 5.68 | 1010469 | 7.34 |
| 460-332739-11 | DUP-01 | 443701 | 4.47 | 1758134 | 5.67 | 910574 | 7.34 |
| 460-332739-8 | HHMW-09S1 | 502302 | 4.47 | 1980962 | 5.68 | 966488 | 7.34 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

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 SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Sample No.: CCVIS 460-1055613/2 Date Analyzed: 08/14/2025 16:29

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P94265.D Heated Purge: (Y/N) N

Calibration ID: 102043

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 1277364 | 8.75 | 744596 | 11.40 | 657400 | 13.31 |
| UPPER LIMIT | | 2554728 | 9.25 | 1489192 | 11.90 | 1314800 | 13.81 |
| LOWER LIMIT | | 638682 | 8.25 | 372298 | 10.90 | 328700 | 12.81 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1055555/2-A | | 1326860 | 8.75 | 790310 | 11.40 | 731727 | 13.31 |
| LCSD 460-1055555/3-A | | 1326434 | 8.75 | 782877 | 11.40 | 735911 | 13.31 |
| MB 460-1055555/1-A | | 1793007 | 8.75 | 1085651 | 11.39 | 1019591 | 13.31 |
| 460-332739-1 | HHMW-14 | 1804290 | 8.75 | 1093270 | 11.39 | 1017238 | 13.31 |
| 460-332739-2 | HHMW-19S1 | 1357549 | 8.75 | 777114 | 11.39 | 728788 | 13.30 |
| 460-332739-3 | HHMW-13 | 1636828 | 8.75 | 992200 | 11.39 | 894005 | 13.31 |
| 460-332739-4 | HHMW-16S1 | 1601441 | 8.75 | 910550 | 11.39 | 830912 | 13.30 |
| 460-332739-6 | MW-03 | 1508909 | 8.75 | 911312 | 11.39 | 838226 | 13.30 |
| 460-332739-7 | HHMW-18S1 | 1497551 | 8.75 | 903106 | 11.39 | 838274 | 13.30 |
| 460-332739-9 | FB-20250812 | 1696157 | 8.75 | 1037699 | 11.39 | 946754 | 13.30 |
| 460-332739-11 | DUP-01 | 1504837 | 8.75 | 888907 | 11.39 | 809242 | 13.31 |
| 460-332739-8 | HHMW-09S1 | 1475421 | 8.75 | 781699 | 11.39 | 712525 | 13.31 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

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 SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-14 | Lab Sample ID: 460-332739-1

Matrix: Water | Lab File ID: P94276.D

Analysis Method: 8270E | Date Collected: 08/12/2025 09:00

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 20:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 72 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 73 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 41 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94276.D
Lims ID: 460-332739-E-1-A
Client ID: HHMW-14
Sample Type: Client
Inject. Date: 14-Aug-2025 20:39:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-013
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:50:50 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:50:50

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.467 | 4.469 | -0.002 | 97 | 507402 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.988 | 4.993 | -0.005 | 88 | 864372 | 7.34 | |
| * 38 Naphthalene-d8 | 136 | 5.677 | 5.680 | -0.003 | 100 | 2056486 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.704 | 6.709 | -0.005 | 97 | 1508744 | 7.19 | |
| * 64 Acenaphthene-d10 | 164 | 7.343 | 7.346 | -0.003 | 95 | 1072096 | 8.00 | |
| * 88 Phenanthrene-d10 | 188 | 8.747 | 8.750 | -0.003 | 99 | 1804290 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 10.270 | 10.275 | -0.005 | 99 | 795451 | 4.14 | |
| * 103 Chrysene-d12 | 240 | 11.391 | 11.397 | -0.006 | 99 | 1093270 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.307 | 13.311 | -0.004 | 97 | 1017238 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

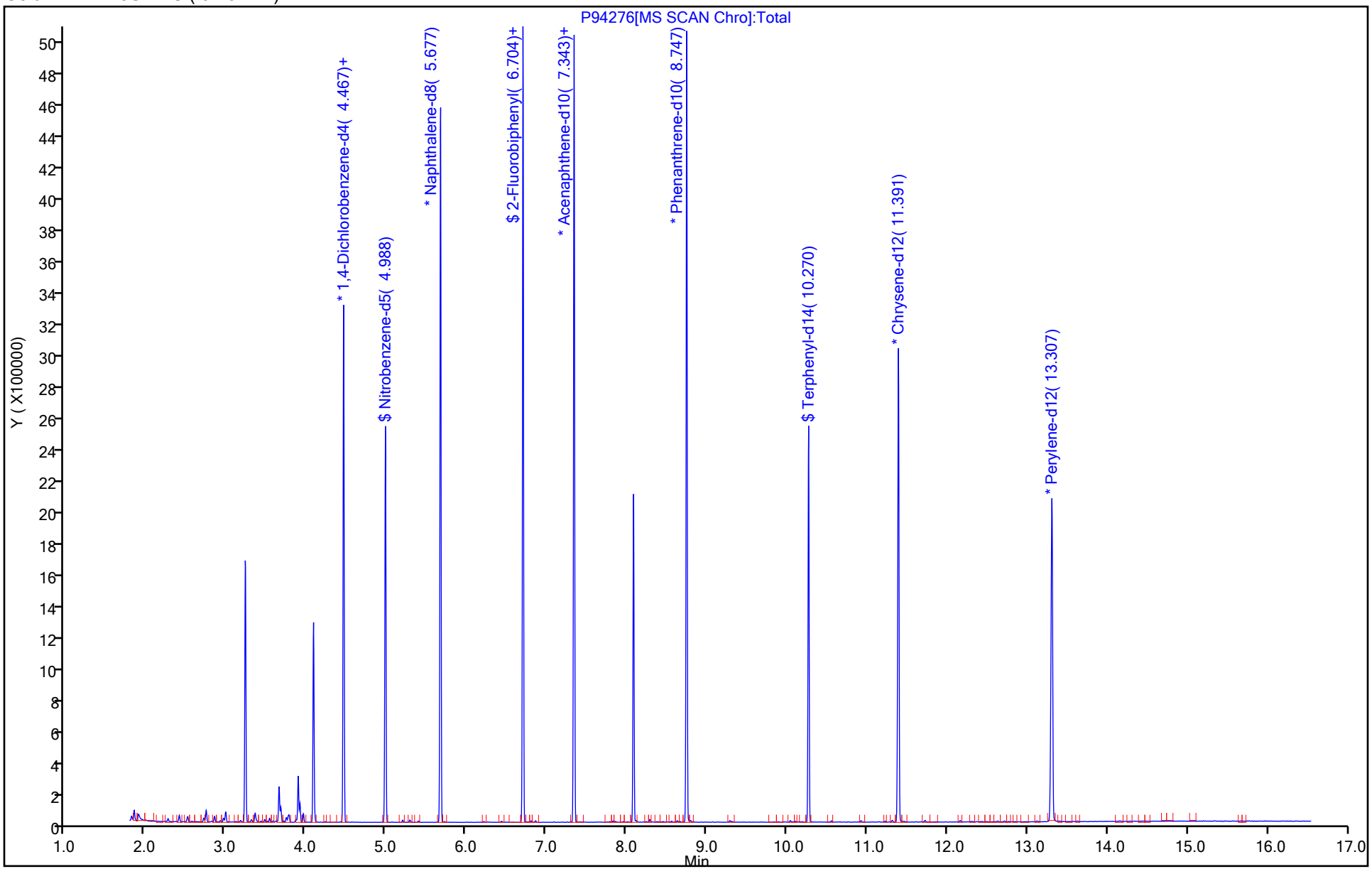
Report Date: 15-Aug-2025 03:50:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94276.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 20:39:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-1-A | Lab Sample ID: | 460-332739-1 | Worklist Smp#: | 13 |
| Client ID: | HHMW-14 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 13 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94276.D
Lims ID: 460-332739-E-1-A
Client ID: HHMW-14
Sample Type: Client
Inject. Date: 14-Aug-2025 20:39:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-013
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:50:50 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:50:50

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.34 | 73.44 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.19 | 71.85 |
| $ 97 Terphenyl-d14 | 10.0 | 4.14 | 41.37 |

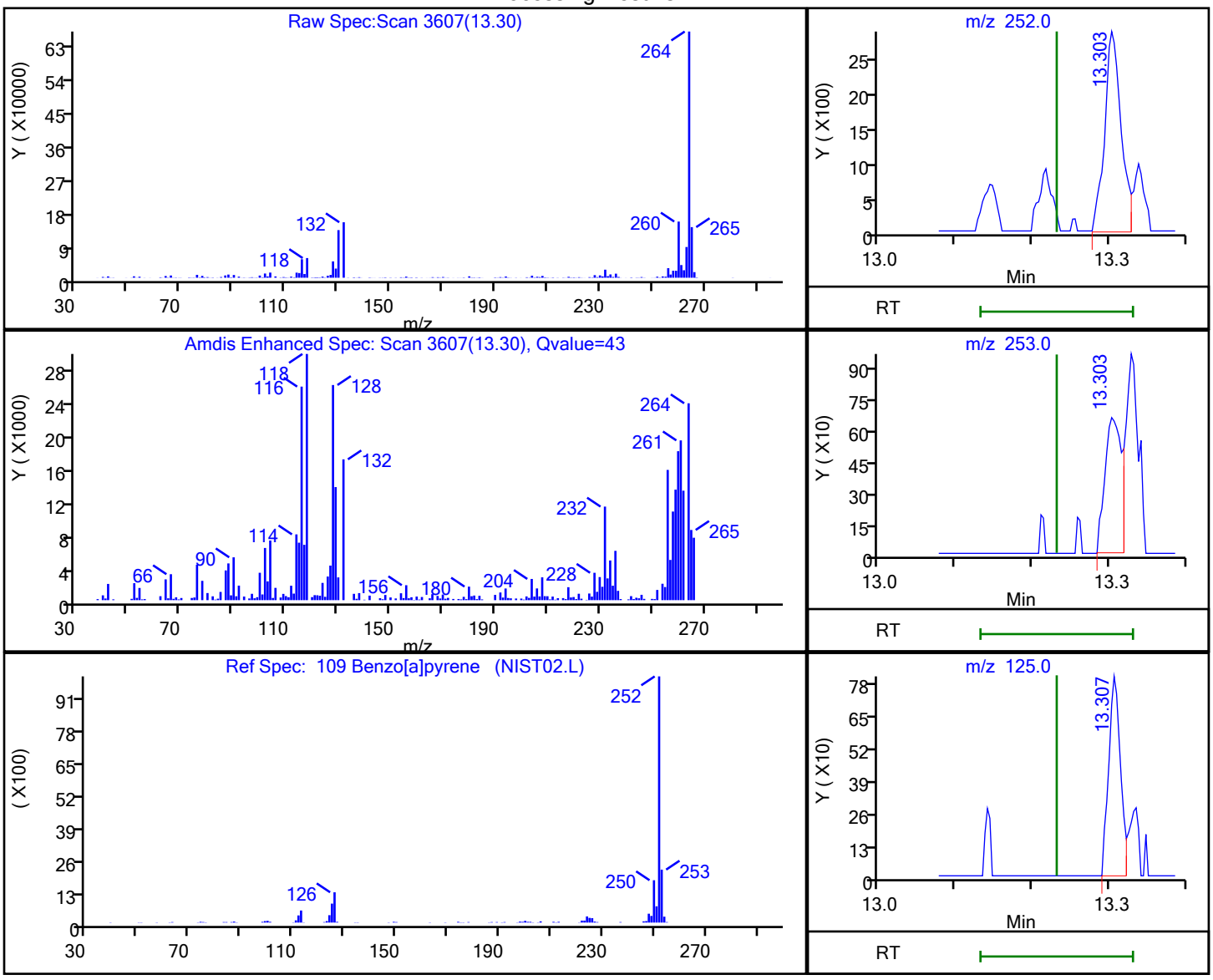
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94276.D | | | | |
| Injection Date: | 14-Aug-2025 20:39:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-1-A | Lab Sample ID: | 460-332739-1 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 13 | Worklist Smp#: | 13 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.30 | 252.00 | 4201 | 0.030582 |
| 13.30 | 253.00 | 1020 | |
| 13.31 | 125.00 | 875 | |

Reviewer: G4KC, 15-Aug-2025 03:50:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

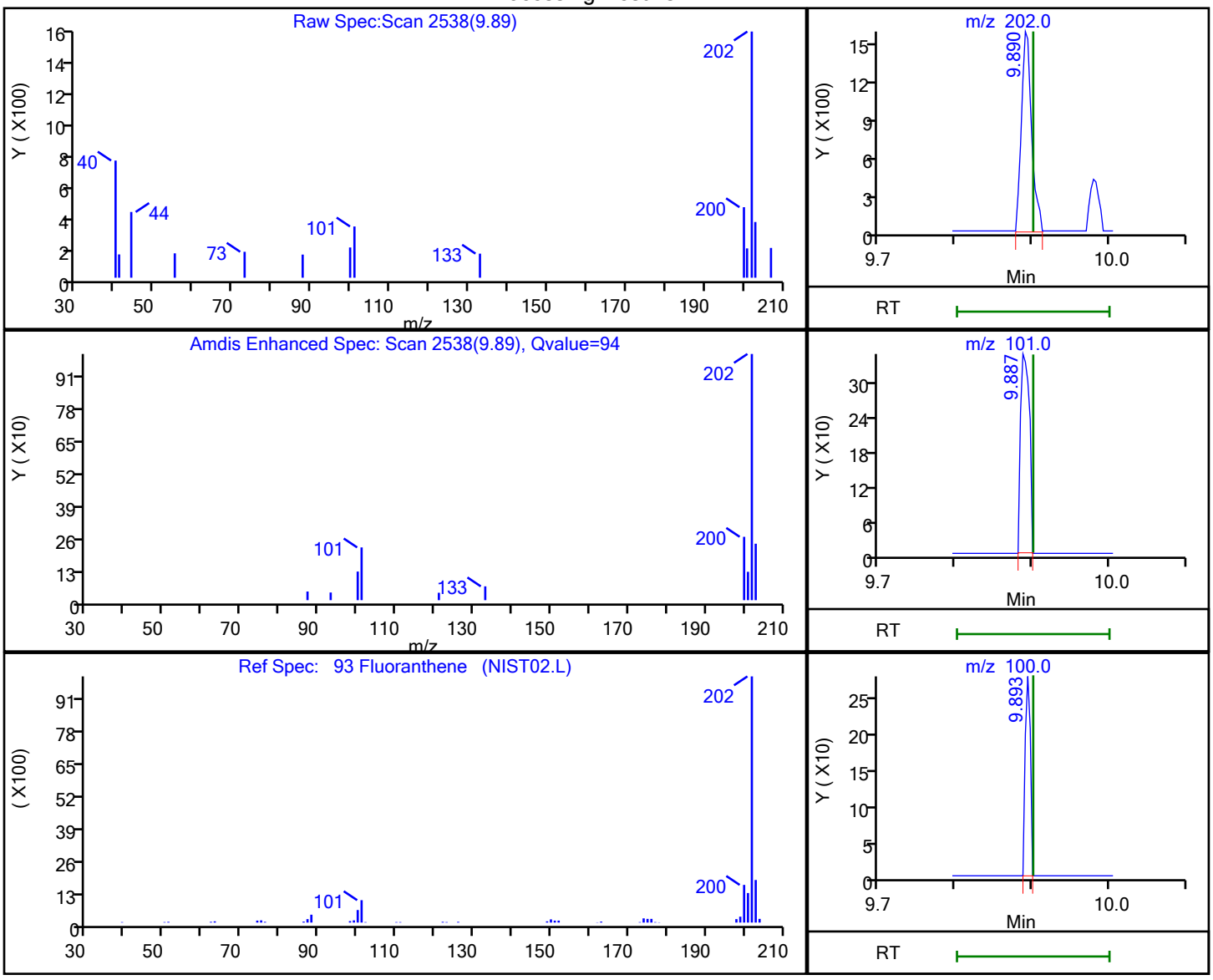
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94276.D | | | | |
| Injection Date: | 14-Aug-2025 20:39:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-1-A | Lab Sample ID: | 460-332739-1 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 13 | Worklist Smp#: | 13 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.89 | 202.00 | 1473 | 0.006496 |
| 9.89 | 101.00 | 278 | |
| 9.89 | 100.00 | 129 | |

Reviewer: G4KC, 15-Aug-2025 03:50:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

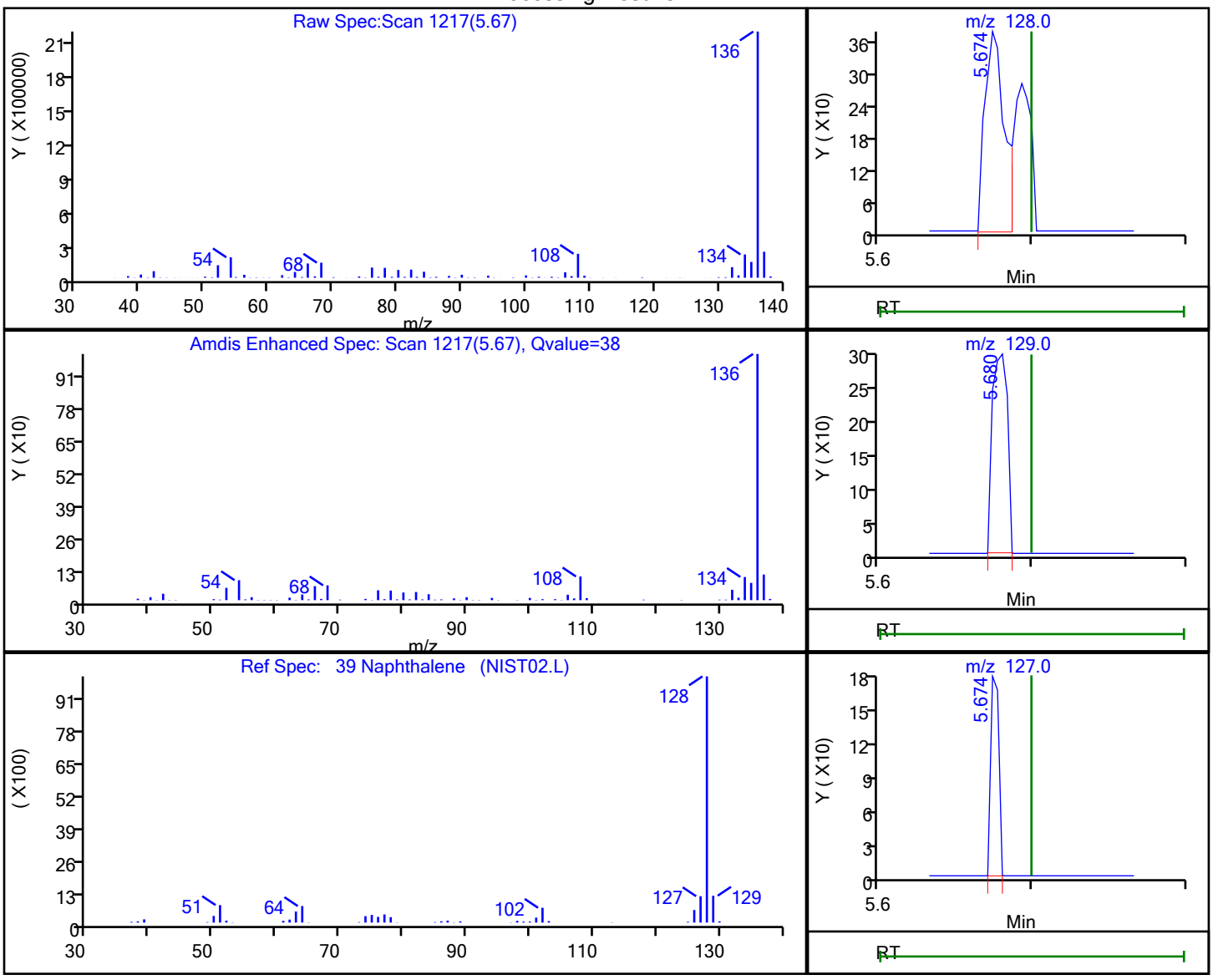
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94276.D | | | | |
| Injection Date: | 14-Aug-2025 20:39:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-1-A | Lab Sample ID: | 460-332739-1 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 13 | Worklist Smp#: | 13 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.67 | 128.00 | 333 | 0.001199 |
| 5.68 | 129.00 | 201 | |
| 5.67 | 127.00 | 65 | |

Reviewer: G4KC, 15-Aug-2025 03:50:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

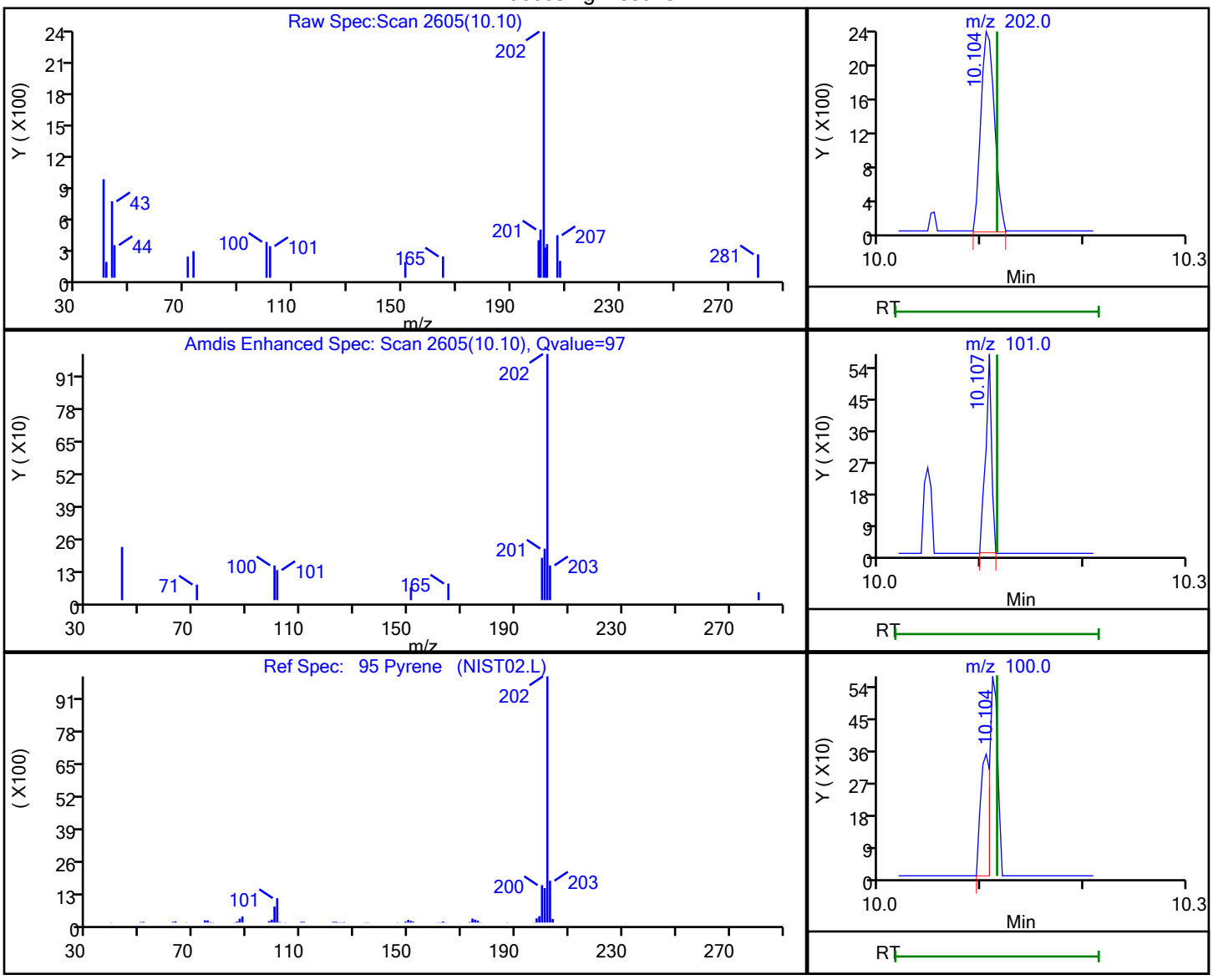
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94276.D | | | | |
| Injection Date: | 14-Aug-2025 20:39:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-1-A | Lab Sample ID: | 460-332739-1 | | |
| Client ID: | HHMW-14 | | | | |
| Operator ID: | | ALS Bottle#: | 13 | Worklist Smp#: | 13 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.10 | 202.00 | 2180 | 0.009223 |
| 10.11 | 101.00 | 234 | |
| 10.10 | 100.00 | 218 | |

Reviewer: G4KC, 15-Aug-2025 03:50:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-19S1 | Lab Sample ID: 460-332739-2

Matrix: Water | Lab File ID: P94277.D

Analysis Method: 8270E | Date Collected: 08/12/2025 09:00

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 21:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 21 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 4.1 | J | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 1.0 | J | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 78 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 80 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 45 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D
Lims ID: 460-332739-E-2-A
Client ID: HHMW-19S1
Sample Type: Client
Inject. Date: 14-Aug-2025 21:00:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-014
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:52:10 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:52:10

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.465 | 4.469 | -0.004 | 98 | 420025 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.989 | 4.993 | -0.004 | 89 | 759770 | 8.02 | |
| * 38 Naphthalene-d8 | 136 | 5.676 | 5.680 | -0.004 | 99 | 1654990 | 8.00 | |
| 39 Naphthalene | 128 | 5.695 | 5.699 | -0.004 | 97 | 29288 | 0.1310 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.706 | 6.709 | -0.003 | 97 | 1280419 | 7.76 | |
| * 64 Acenaphthene-d10 | 164 | 7.343 | 7.346 | -0.003 | 96 | 842105 | 8.00 | |
| 65 Acenaphthene | 154 | 7.372 | 7.378 | -0.006 | 96 | 319875 | 2.56 | |
| 73 Fluorene | 166 | 7.859 | 7.864 | -0.008 | 93 | 76130 | 0.5187 | |
| * 88 Phenanthrene-d10 | 188 | 8.747 | 8.750 | -0.003 | 99 | 1357549 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 10.269 | 10.275 | -0.006 | 98 | 612828 | 4.48 | |
| * 103 Chrysene-d12 | 240 | 11.392 | 11.397 | -0.005 | 98 | 777114 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.302 | 13.311 | -0.009 | 97 | 728788 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

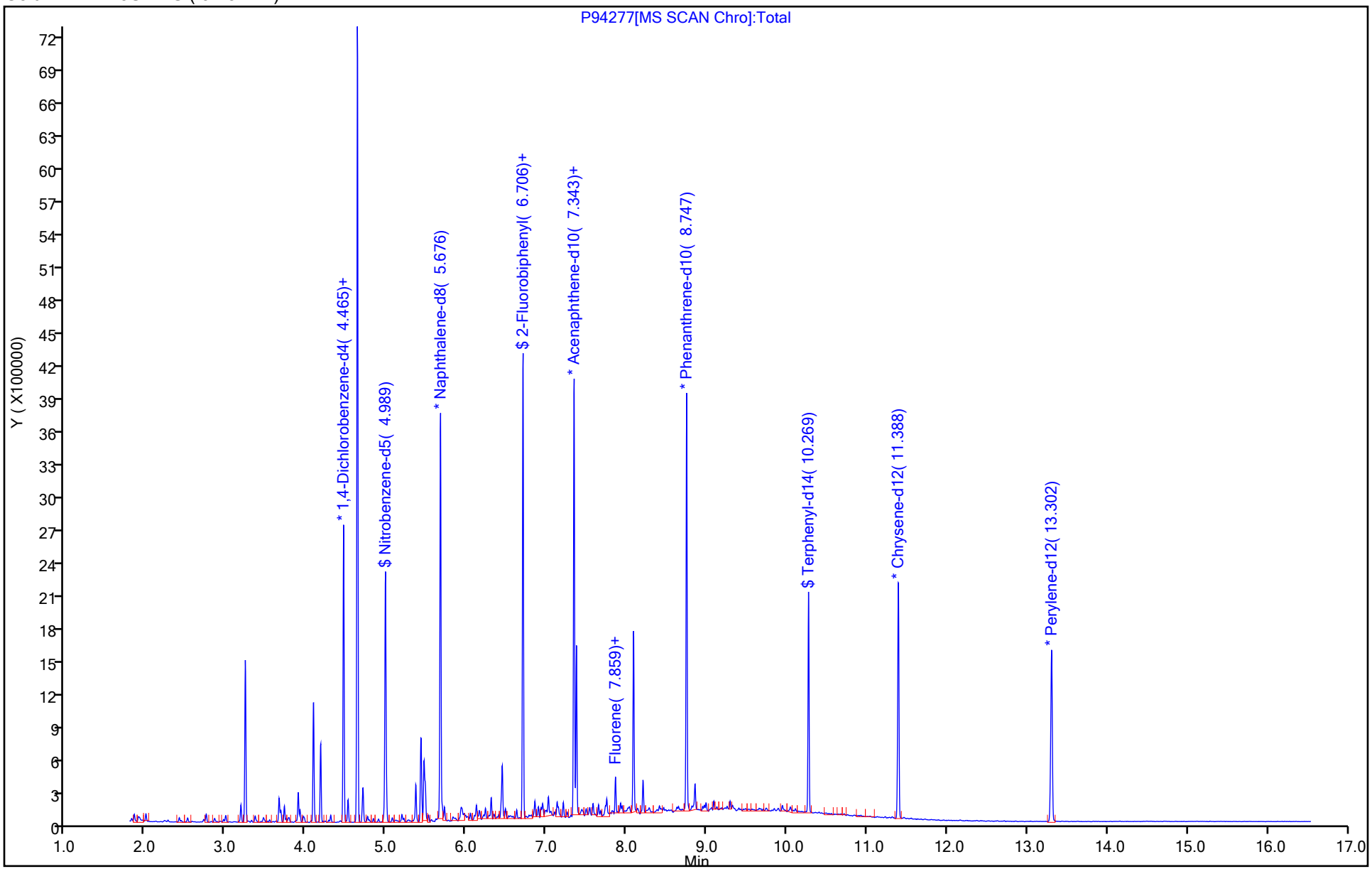
Report Date: 15-Aug-2025 03:52:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | Worklist Smp#: | 14 |
| Client ID: | HHMW-19S1 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D
Lims ID: 460-332739-E-2-A
Client ID: HHMW-19S1
Sample Type: Client
Inject. Date: 14-Aug-2025 21:00:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-014
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:52:10 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:52:10

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 8.02 | 80.21 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.76 | 77.63 |
| $ 97 Terphenyl-d14 | 10.0 | 4.48 | 44.83 |

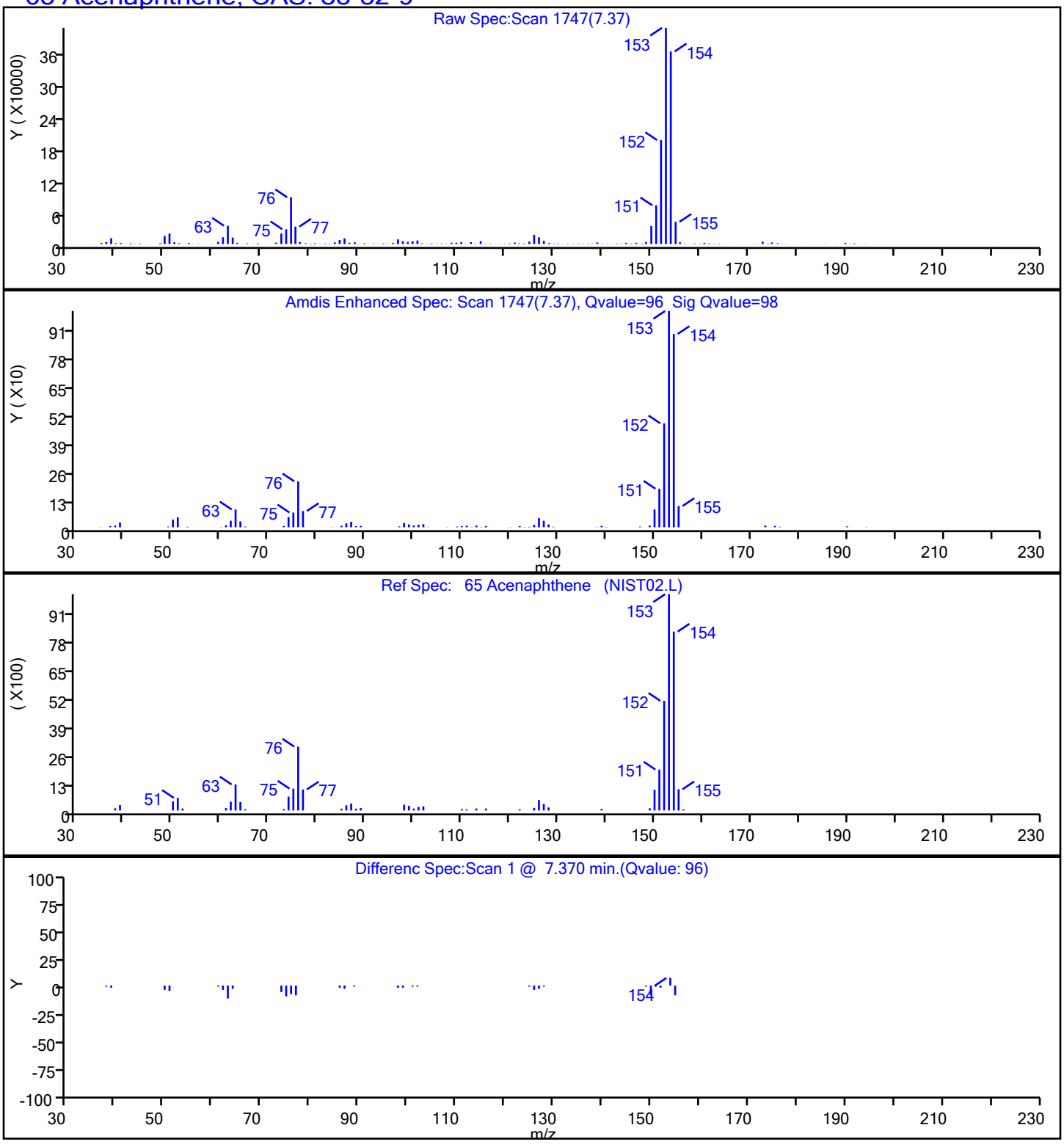
Report Date: 15-Aug-2025 03:52:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 65 Acenaphthene, CAS: 83-32-9



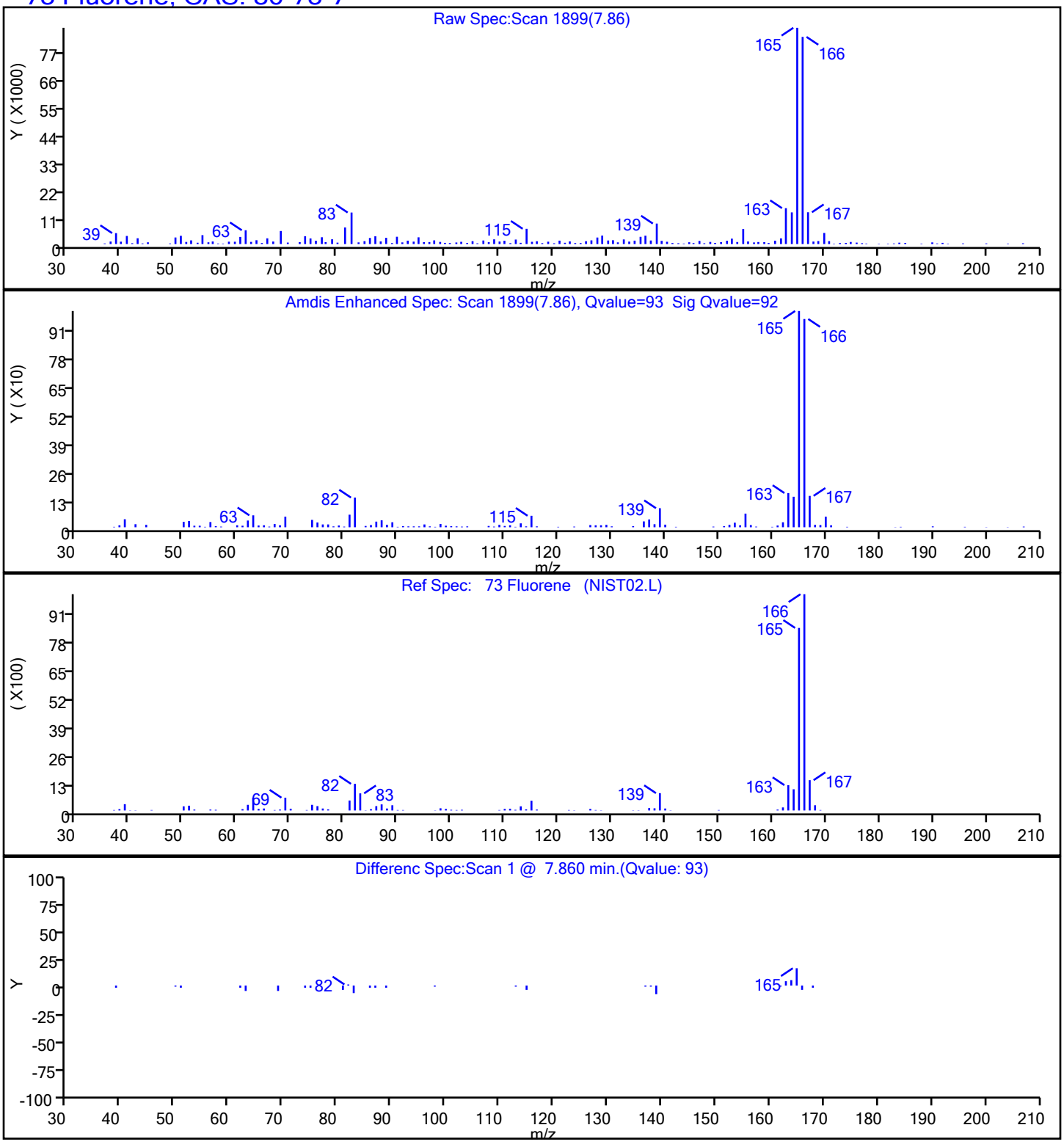
Report Date: 15-Aug-2025 03:52:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 73 Fluorene, CAS: 86-73-7



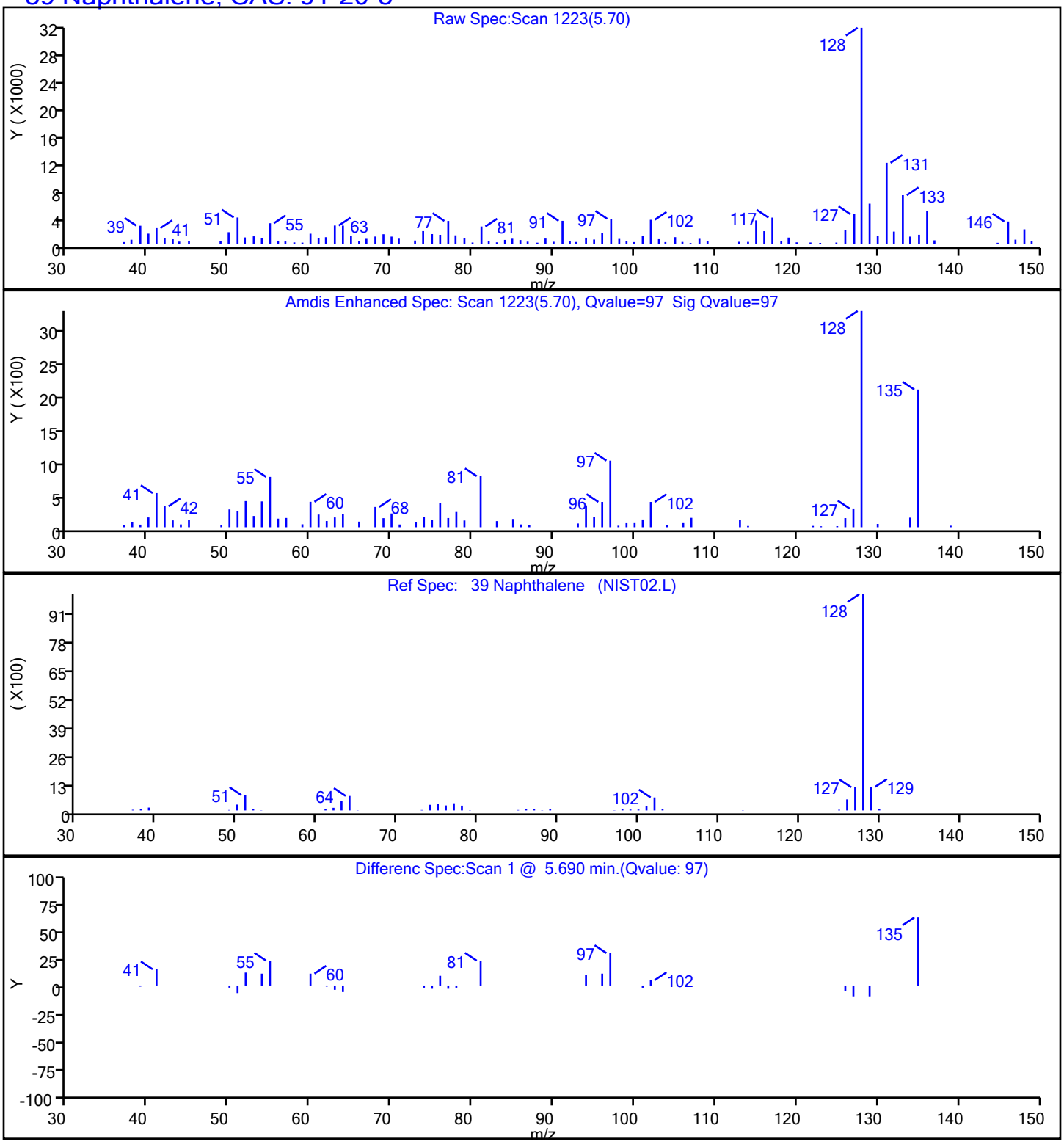
Report Date: 15-Aug-2025 03:52:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3



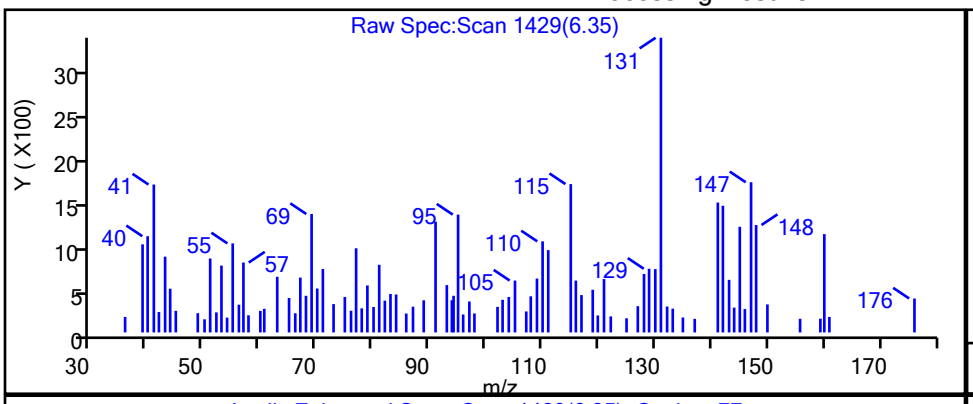
User Disabled Compound Report

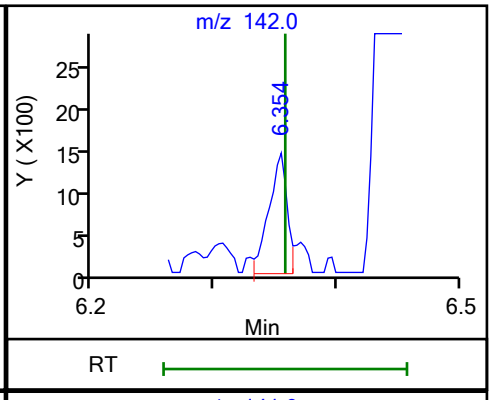
Eurofins Edison

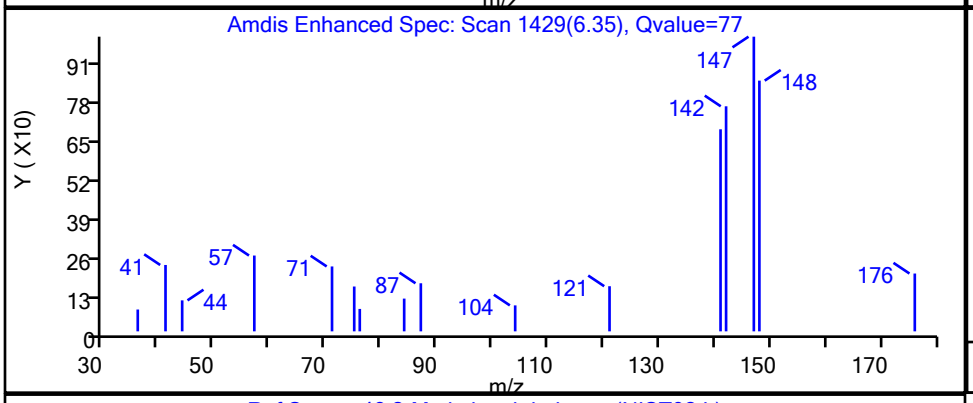
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

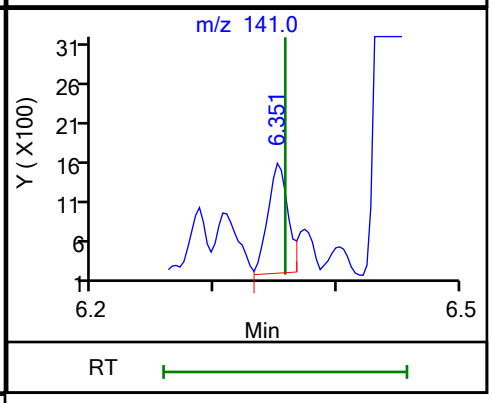
## 46 2-Methylnaphthalene, CAS: 91-57-6

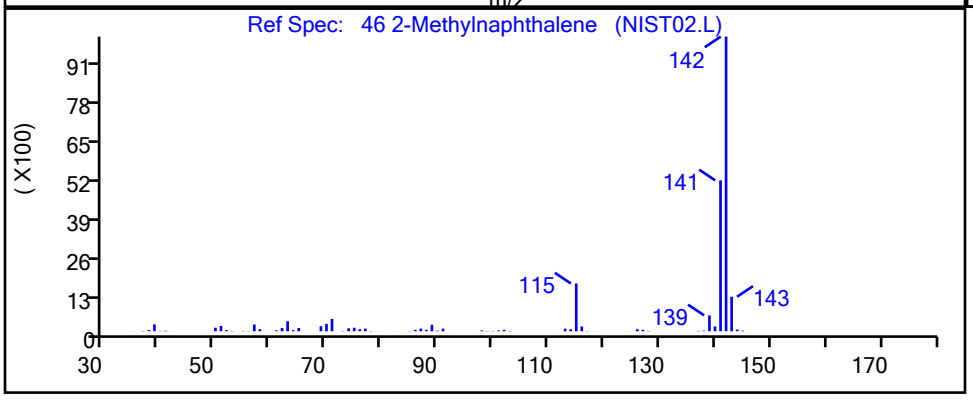
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.35 | 142.00 | 1509 | 0.011471 |
| 6.35 | 141.00 | 1576 | |

Reviewer: G4KC, 15-Aug-2025 03:51:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

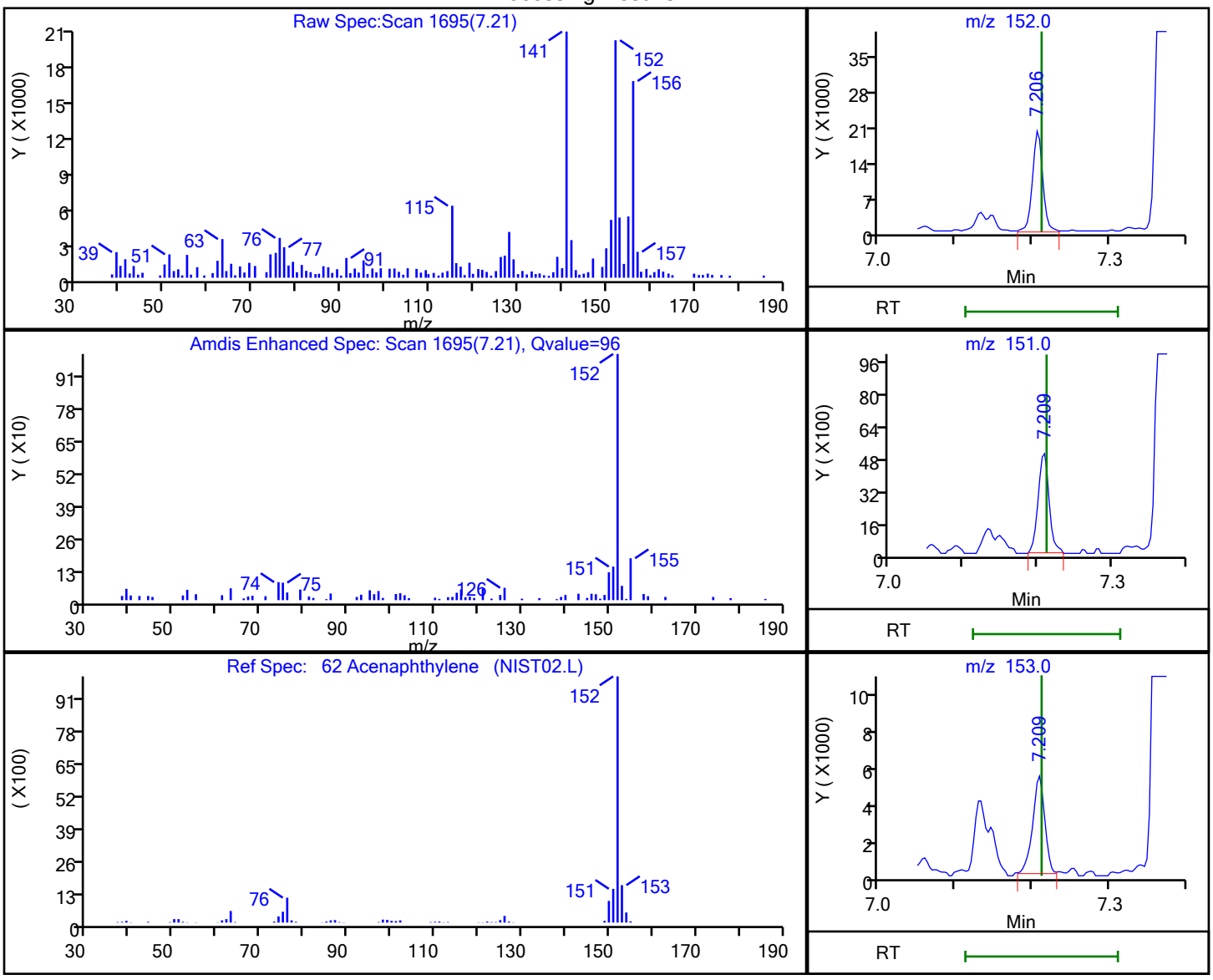
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.21 | 152.00 | 18205 | 0.084410 |
| 7.21 | 151.00 | 5201 | |
| 7.21 | 153.00 | 5795 | |

Reviewer: G4KC, 15-Aug-2025 03:51:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

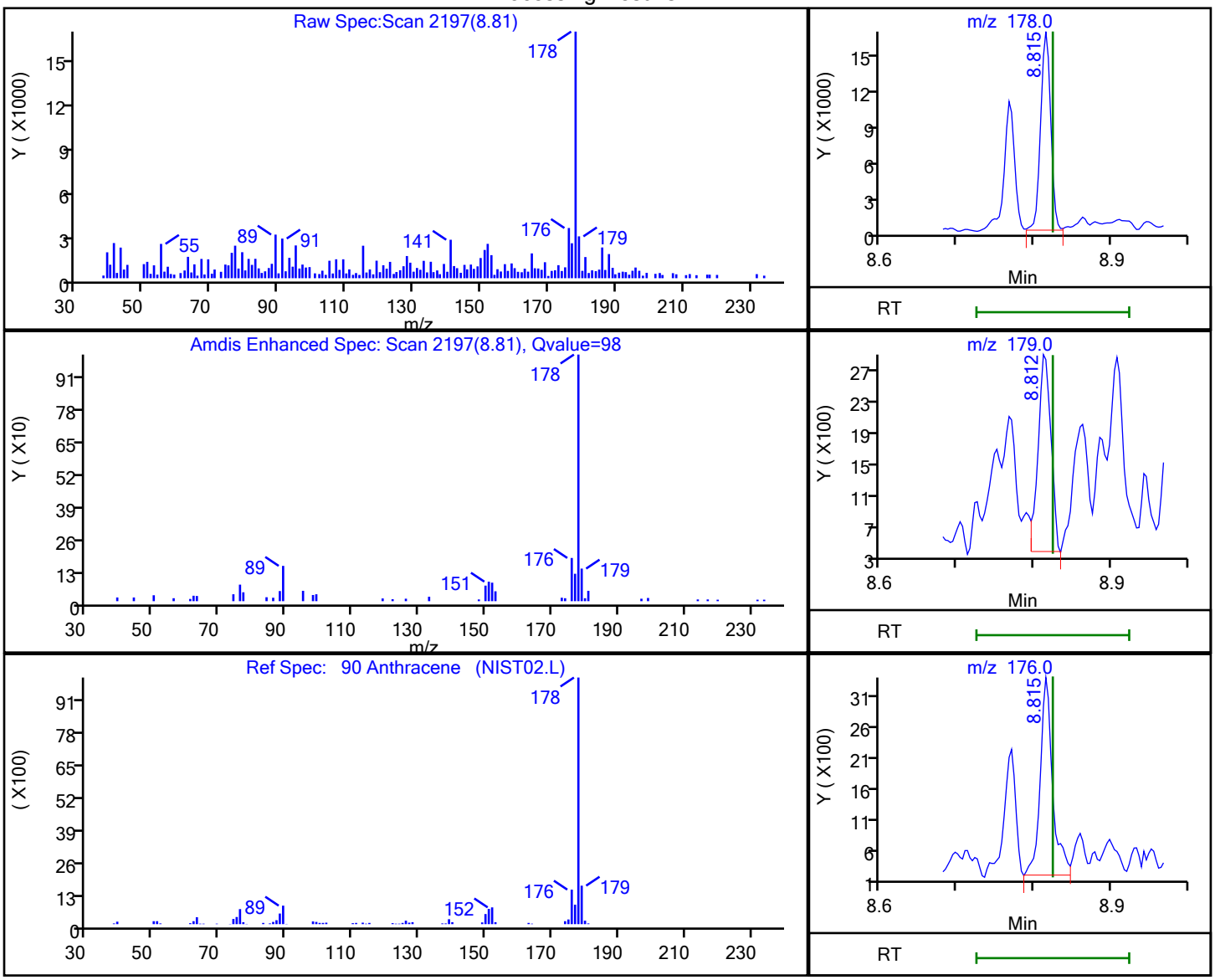
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.81 | 178.00 | 14540 | 0.075373 |
| 8.81 | 179.00 | 2933 | |
| 8.81 | 176.00 | 3594 | |

Reviewer: G4KC, 15-Aug-2025 03:51:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

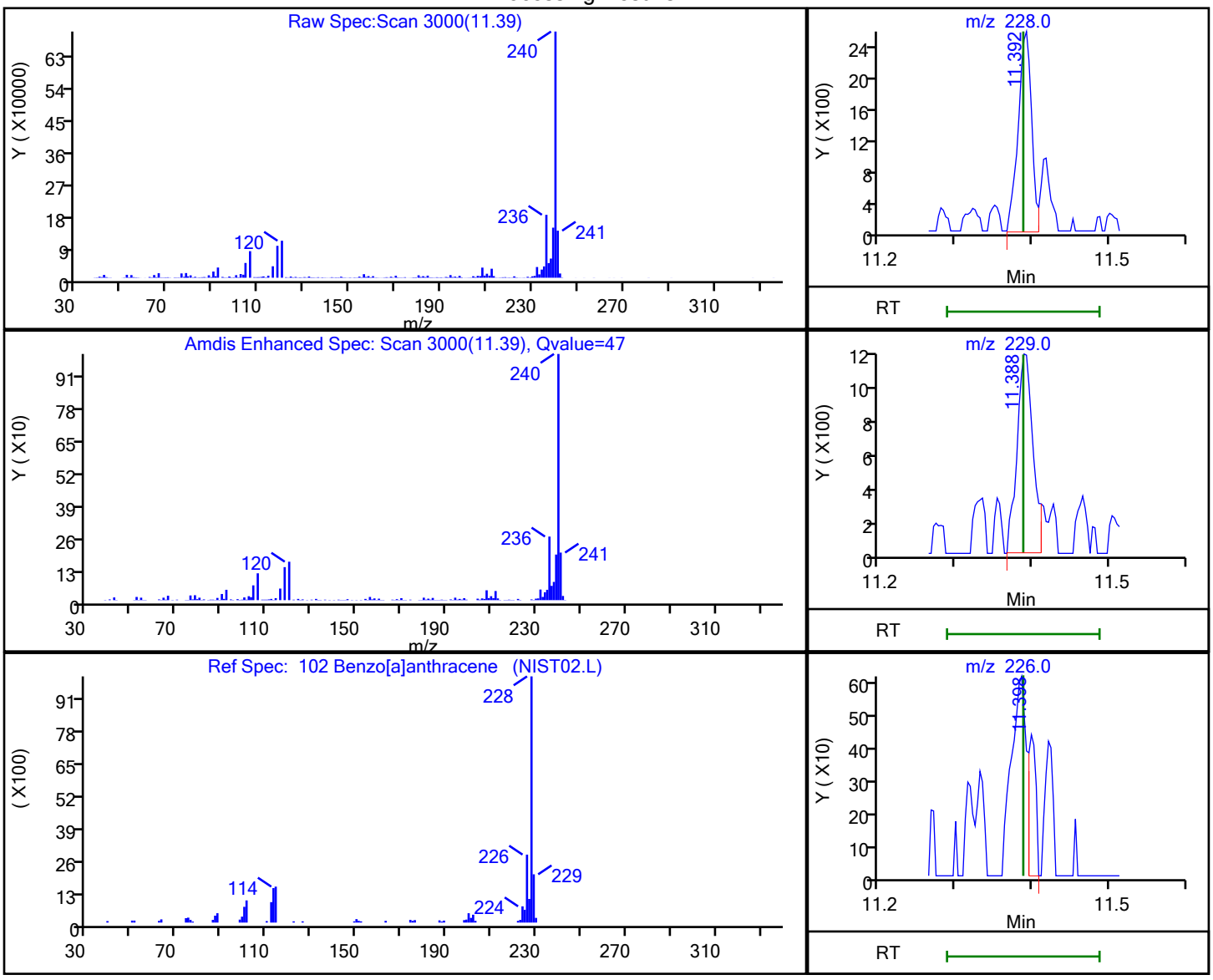
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 3140 | 0.004098 |
| 11.39 | 229.00 | 1723 | |
| 11.40 | 226.00 | 288 | |

Reviewer: G4KC, 15-Aug-2025 03:51:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

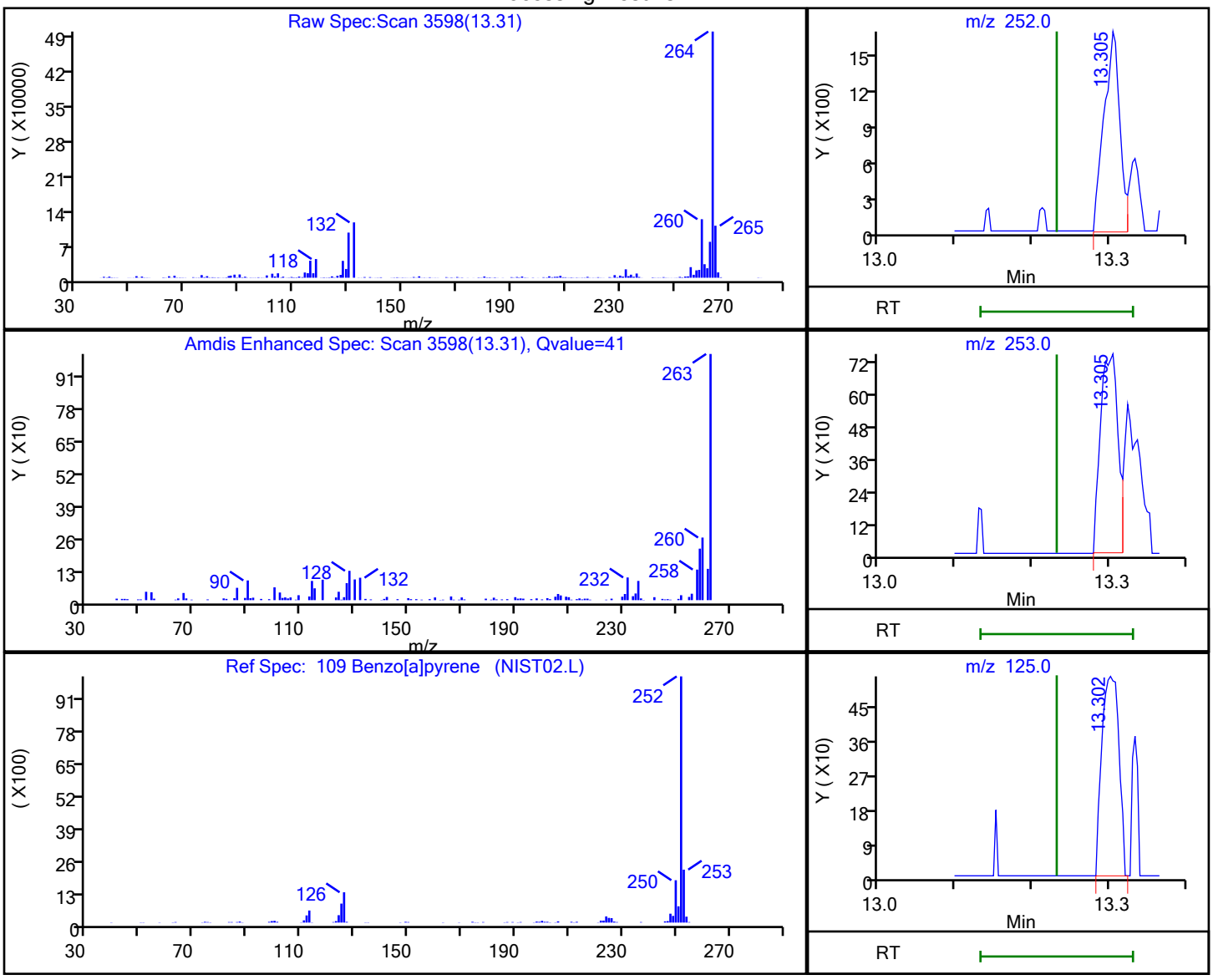
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.31 | 252.00 | 2437 | 0.024762 |
| 13.31 | 253.00 | 1203 | |
| 13.30 | 125.00 | 823 | |

Reviewer: G4KC, 15-Aug-2025 03:52:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

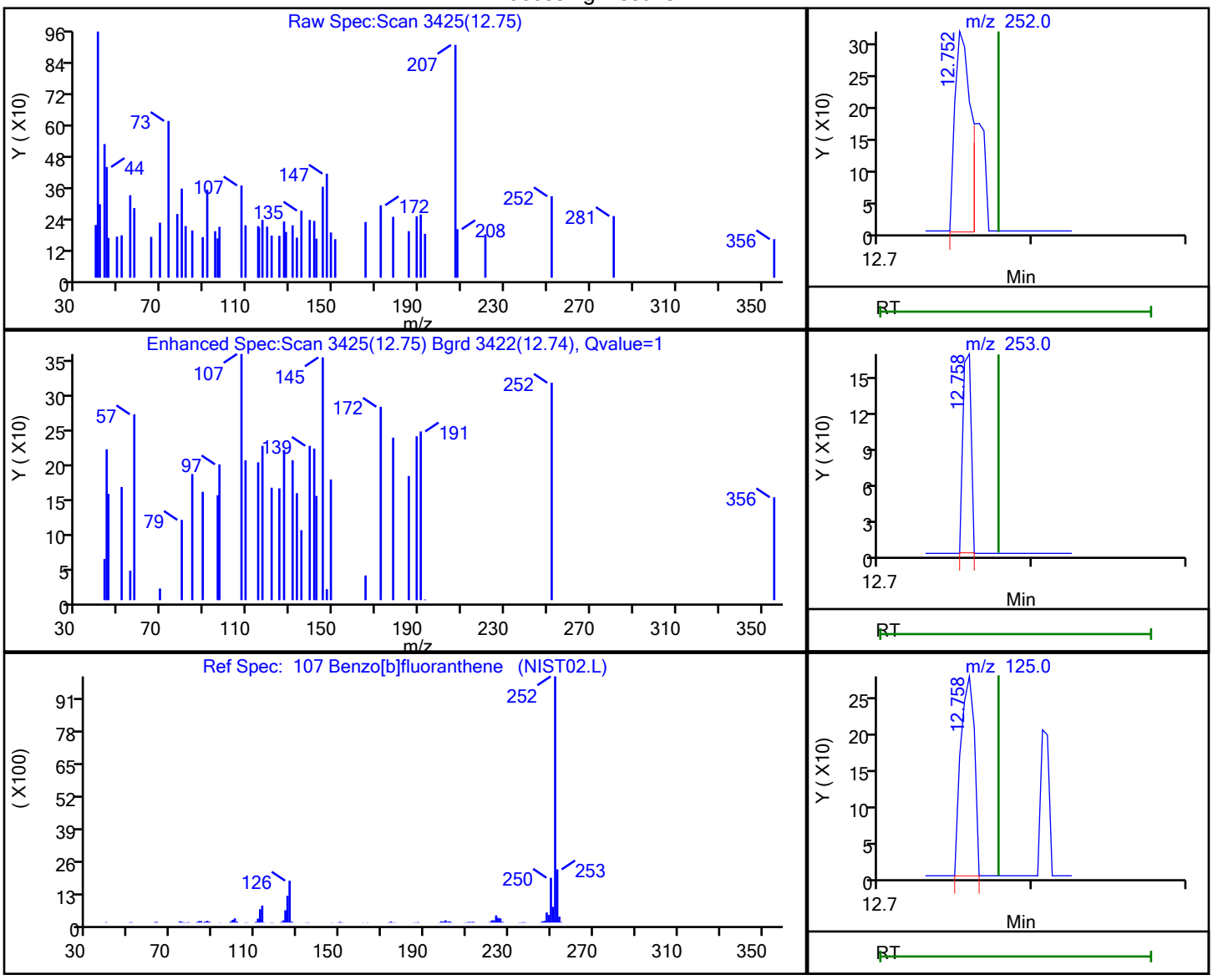
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[b]fluoranthene, CAS: 205-99-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.75 | 252.00 | 228 | 0.002129 |
| 12.76 | 253.00 | 62 | |
| 12.76 | 125.00 | 168 | |

Reviewer: G4KC, 15-Aug-2025 03:52:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

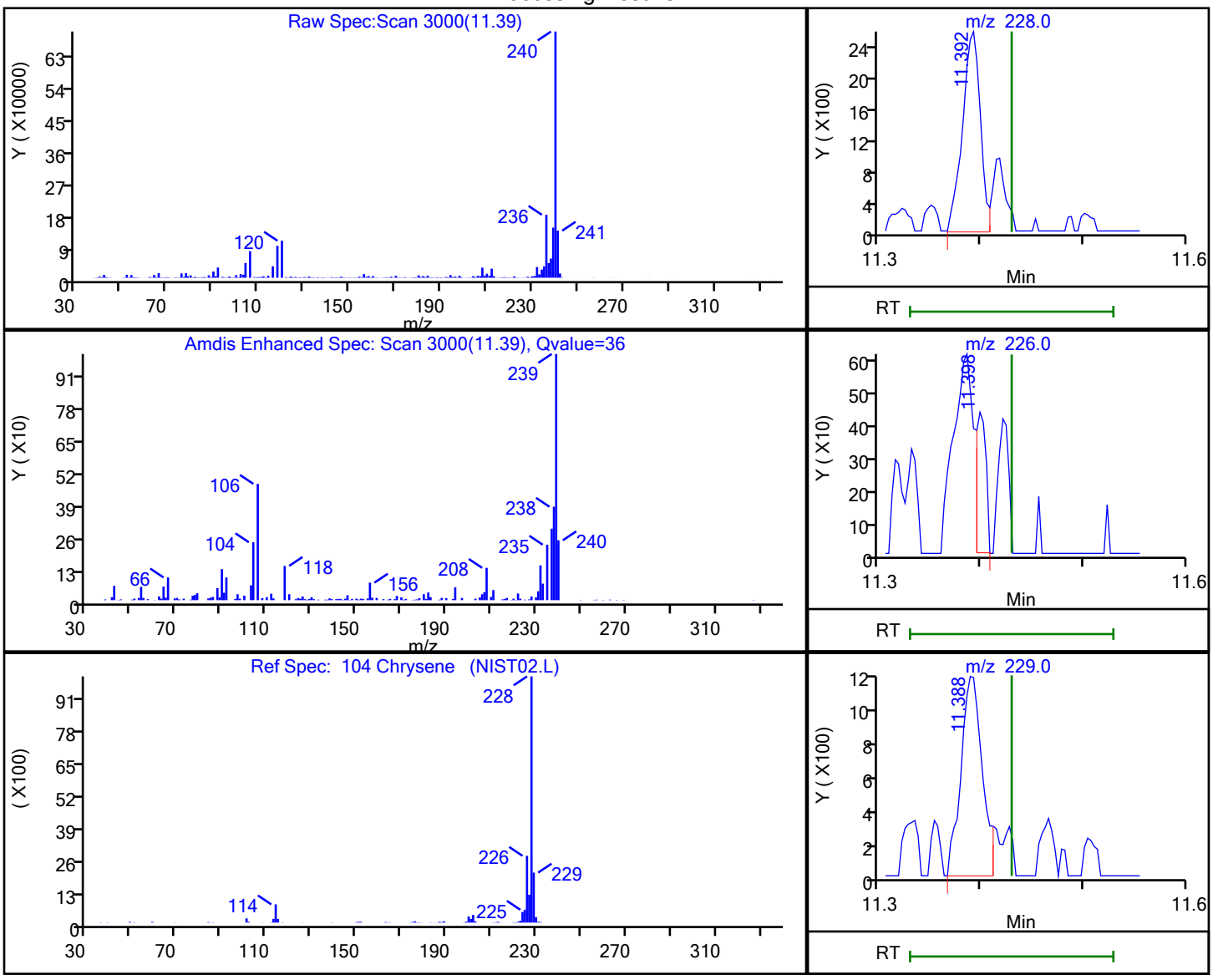
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 3140 | 0.025686 |
| 11.40 | 226.00 | 288 | |
| 11.39 | 229.00 | 1723 | |

Reviewer: G4KC, 15-Aug-2025 03:52:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

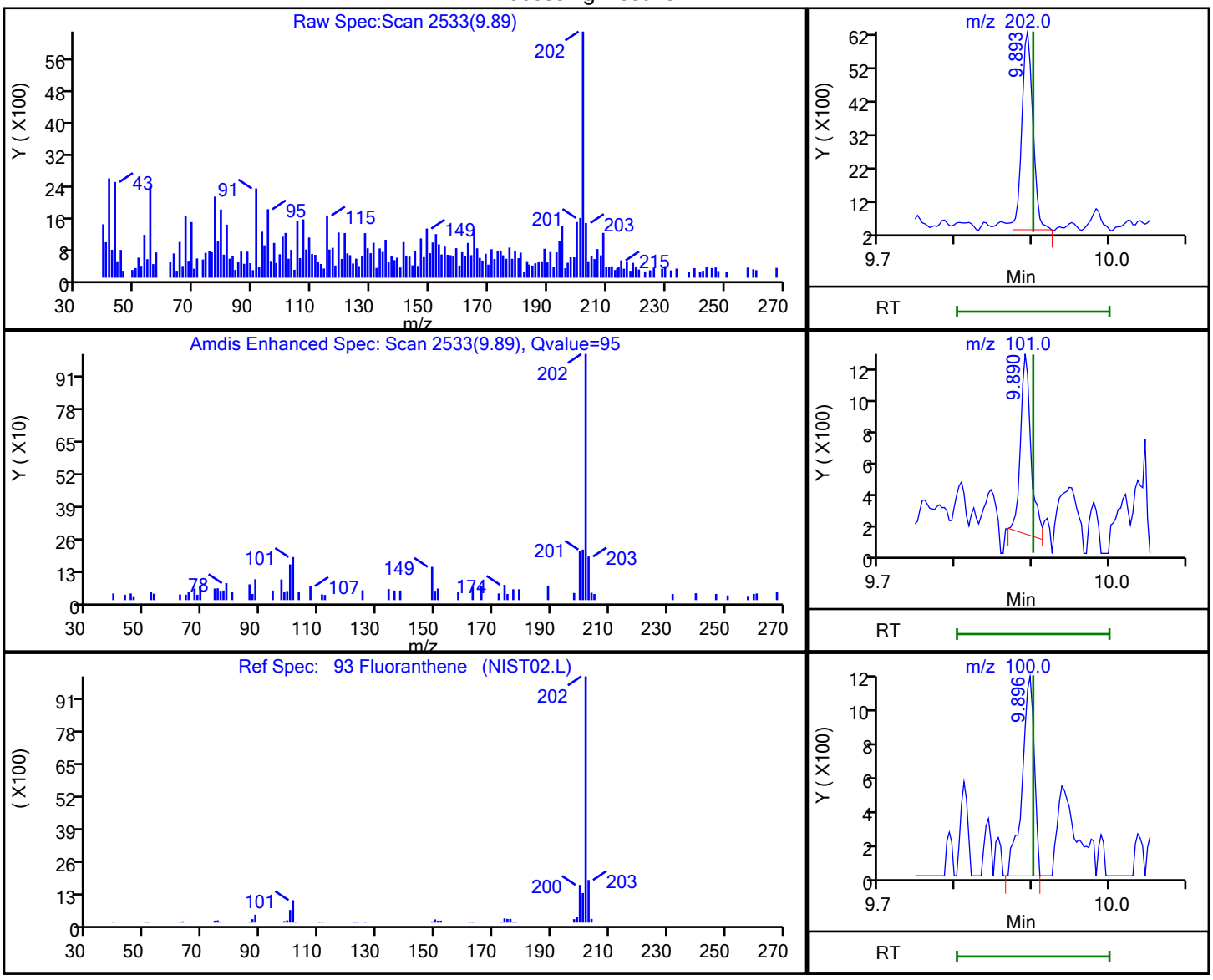
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.89 | 202.00 | 6080 | 0.035637 |
| 9.89 | 101.00 | 1092 | |
| 9.90 | 100.00 | 1236 | |

Reviewer: G4KC, 15-Aug-2025 03:51:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

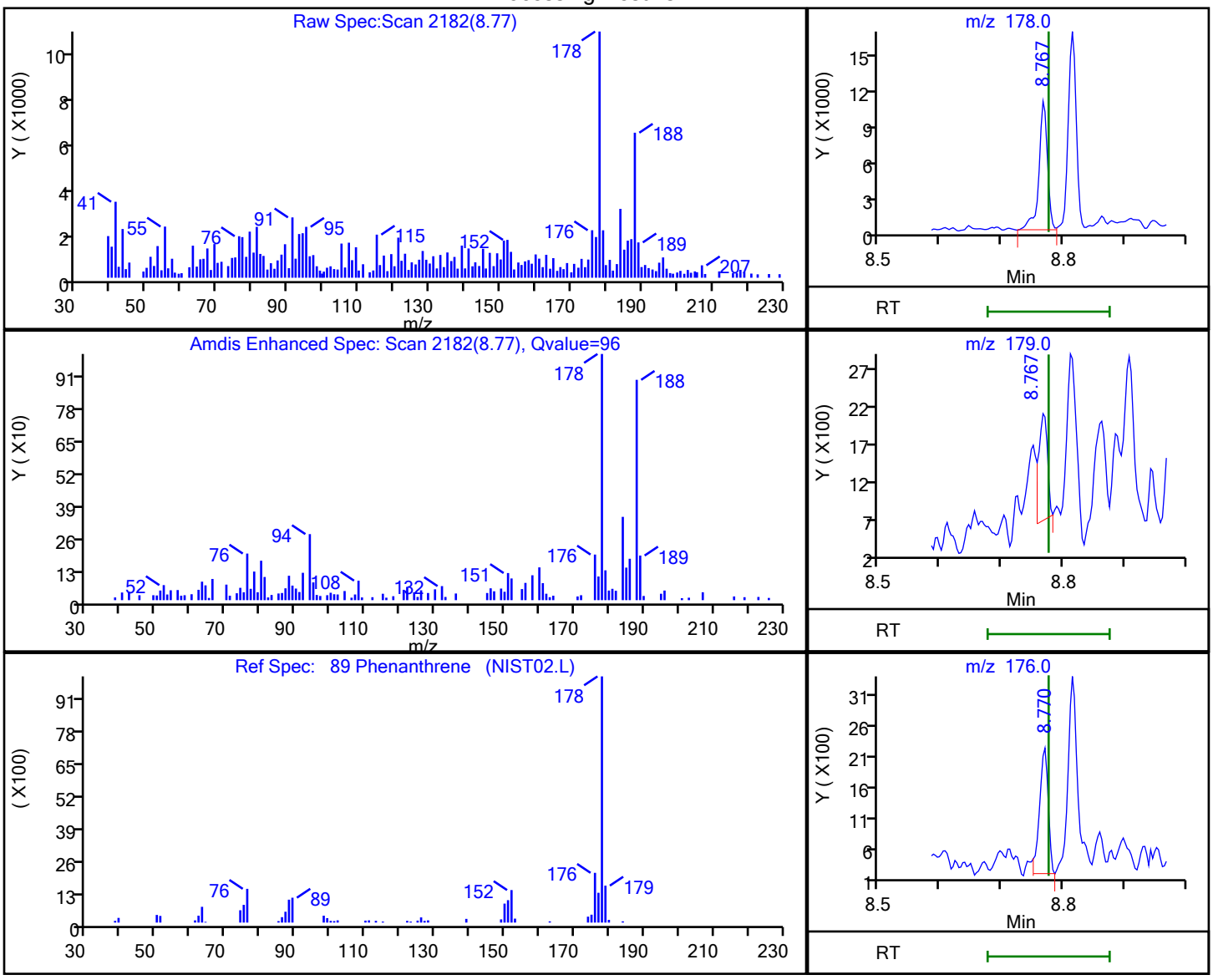
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.77 | 178.00 | 10434 | 0.055541 |
| 8.77 | 179.00 | 1387 | |
| 8.77 | 176.00 | 2016 | |

Reviewer: G4KC, 15-Aug-2025 03:51:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

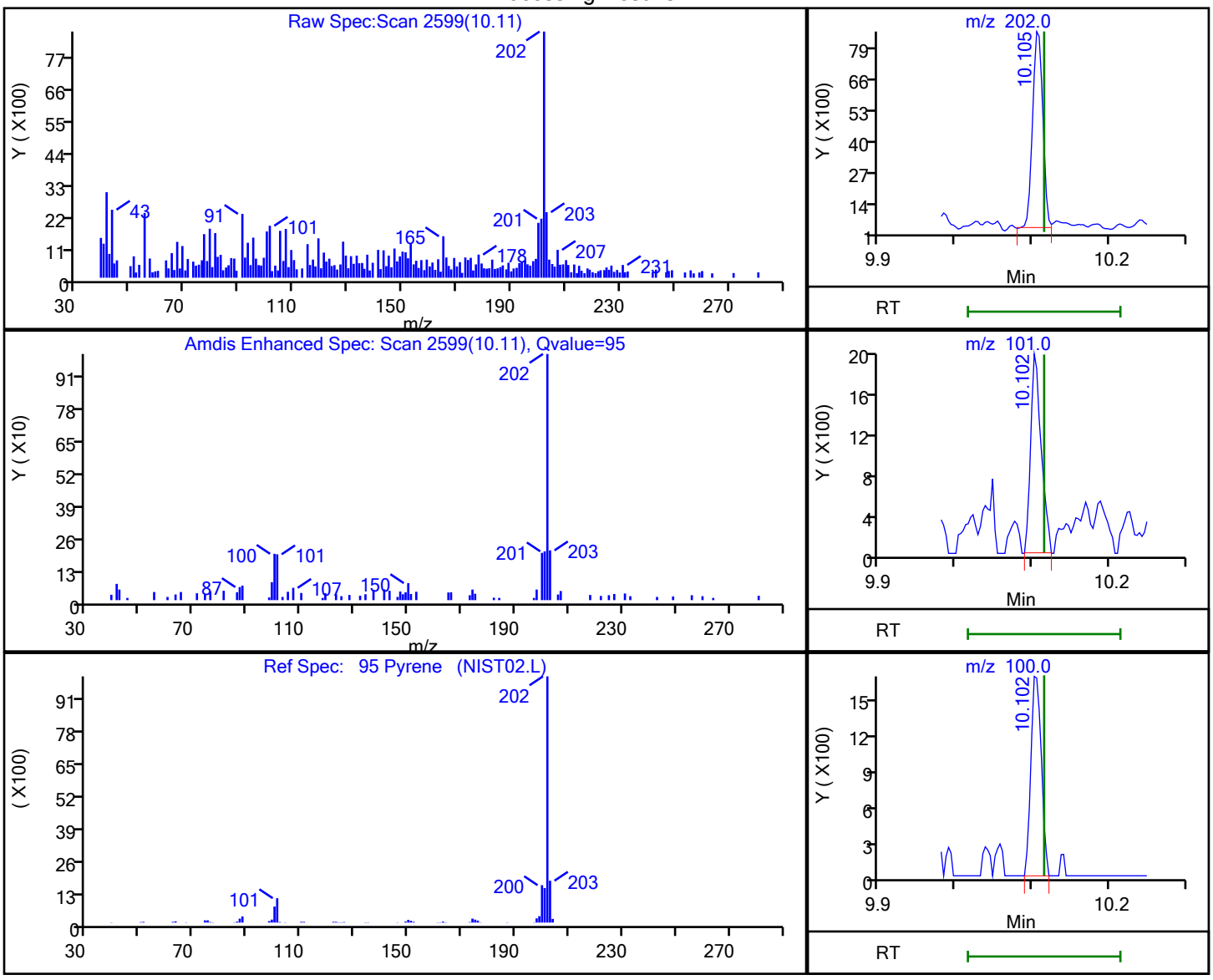
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94277.D | | | | |
| Injection Date: | 14-Aug-2025 21:00:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-2-A | Lab Sample ID: | 460-332739-2 | | |
| Client ID: | HHMW-19S1 | | | | |
| Operator ID: | | ALS Bottle#: | 14 | Worklist Smp#: | 14 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.11 | 202.00 | 7750 | 0.046126 |
| 10.10 | 101.00 | 1874 | |
| 10.10 | 100.00 | 1537 | |

Reviewer: G4KC, 15-Aug-2025 03:51:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-13 | Lab Sample ID: 460-332739-3

Matrix: Water | Lab File ID: P94278.D

Analysis Method: 8270E | Date Collected: 08/12/2025 10:00

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 21:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 1.2 | J | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 2.0 | J | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 78 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 80 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 41 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D
Lims ID: 460-332739-E-3-A
Client ID: HHMW-13
Sample Type: Client
Inject. Date: 14-Aug-2025 21:21:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-015
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:52:29 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:52:29

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.467 | 4.469 | -0.002 | 97 | 471819 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.988 | 4.993 | -0.005 | 89 | 866046 | 7.98 | |
| * 38 Naphthalene-d8 | 136 | 5.674 | 5.680 | -0.006 | 99 | 1896829 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.705 | 6.709 | -0.004 | 97 | 1496418 | 7.82 | |
| * 64 Acenaphthene-d10 | 164 | 7.344 | 7.346 | -0.002 | 96 | 976912 | 8.00 | |
| * 88 Phenanthrene-d10 | 188 | 8.749 | 8.750 | -0.001 | 99 | 1636828 | 8.00 | |
| 93 Fluoranthene | 202 | 9.893 | 9.901 | -0.008 | 97 | 31024 | 0.1508 | |
| 95 Pyrene | 202 | 10.107 | 10.115 | -0.008 | 96 | 53412 | 0.2490 | |
| $ 97 Terphenyl-d14 | 244 | 10.270 | 10.275 | -0.005 | 98 | 718181 | 4.12 | |
| * 103 Chrysene-d12 | 240 | 11.391 | 11.397 | -0.006 | 99 | 992200 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.305 | 13.311 | -0.006 | 97 | 894005 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

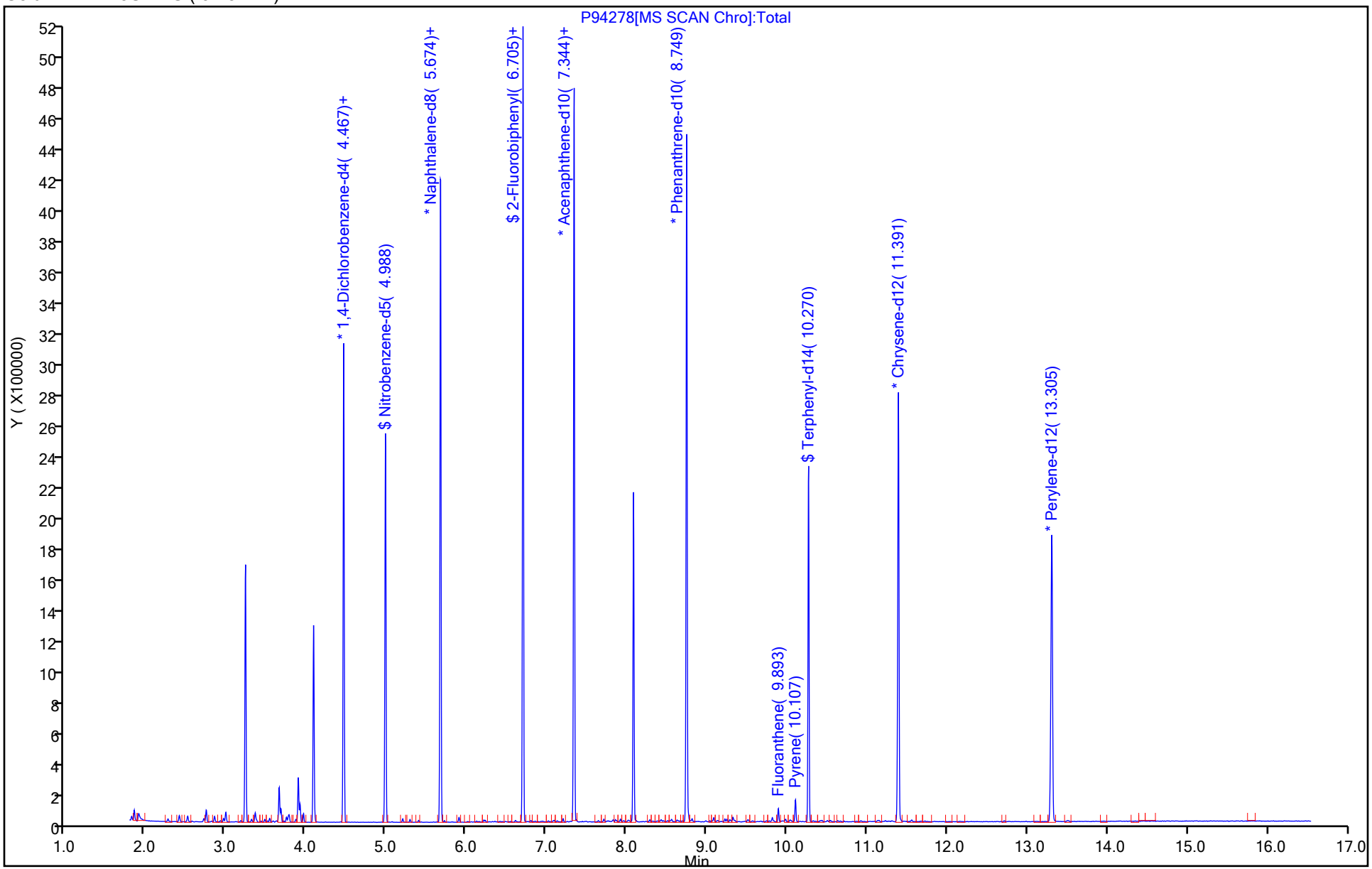
Report Date: 15-Aug-2025 03:52:30 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | Worklist Smp#: | 15 |
| Client ID: | HHMW-13 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 15 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D
Lims ID: 460-332739-E-3-A
Client ID: HHMW-13
Sample Type: Client
Inject. Date: 14-Aug-2025 21:21:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-015
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:52:29 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

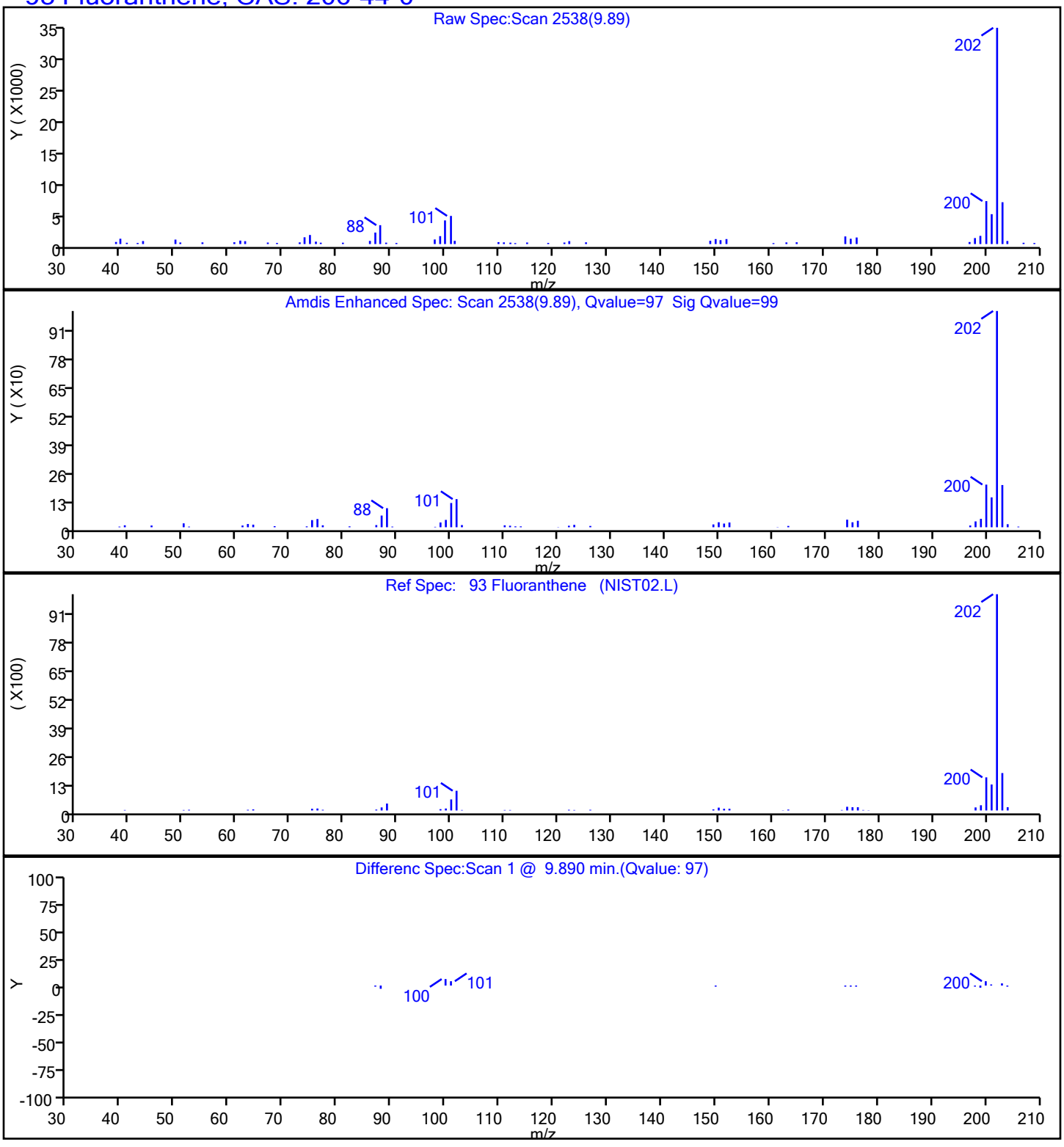
First Level Reviewer: G4KC Date: 15-Aug-2025 03:52:29

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.98 | 79.78 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.82 | 78.21 |
| $ 97 Terphenyl-d14 | 10.0 | 4.12 | 41.15 |

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

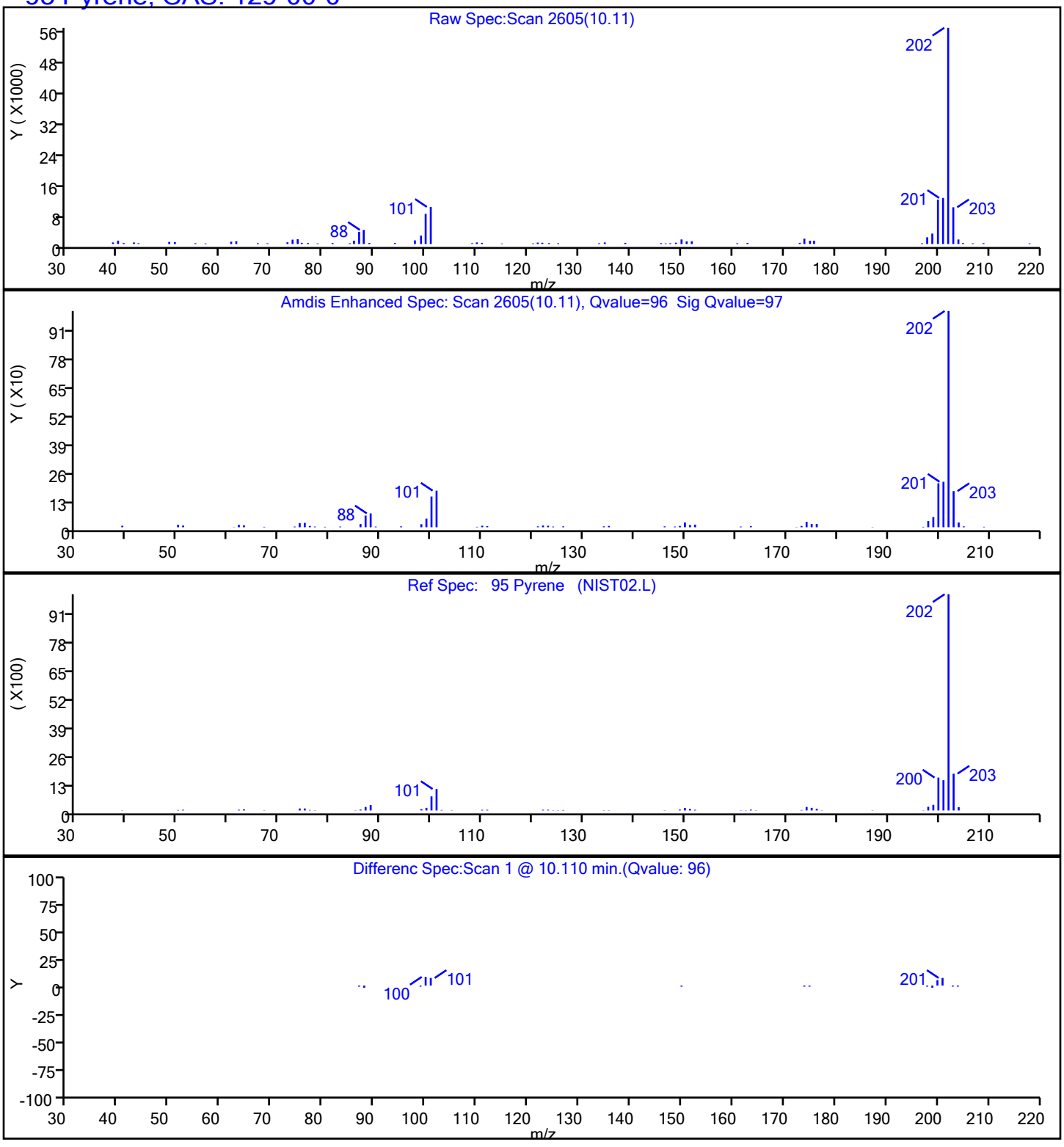
## 93 Fluoranthene, CAS: 206-44-0



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0



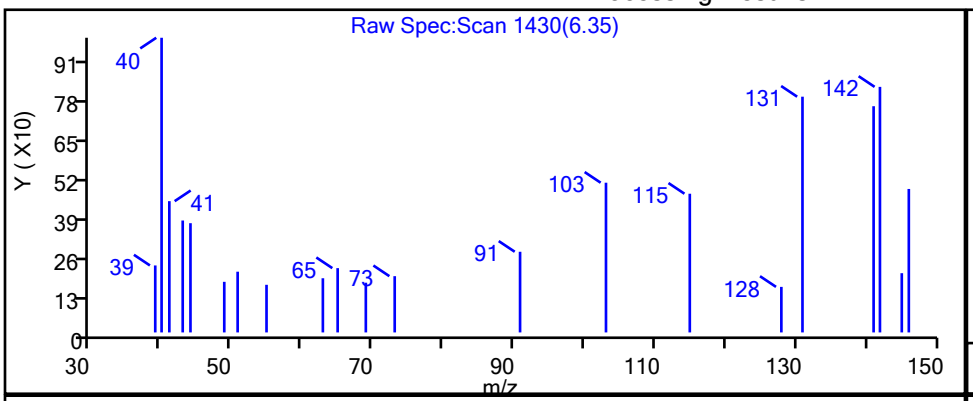
User Disabled Compound Report

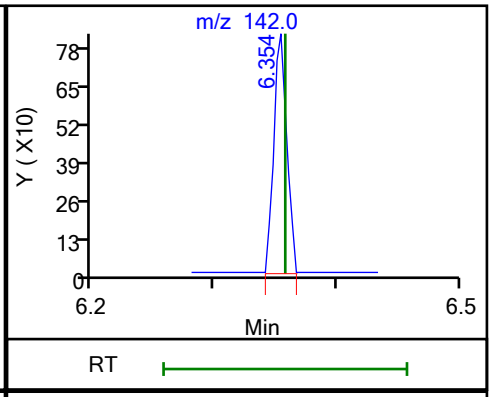
Eurofins Edison

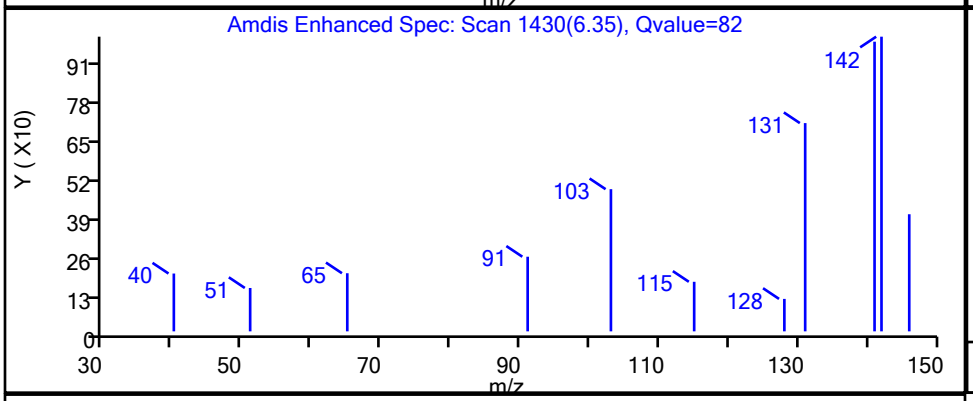
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

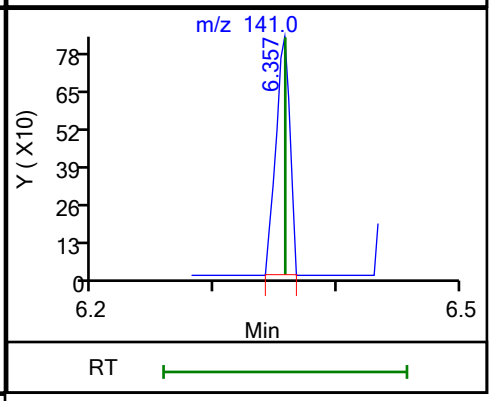
## 46 2-Methylnaphthalene, CAS: 91-57-6

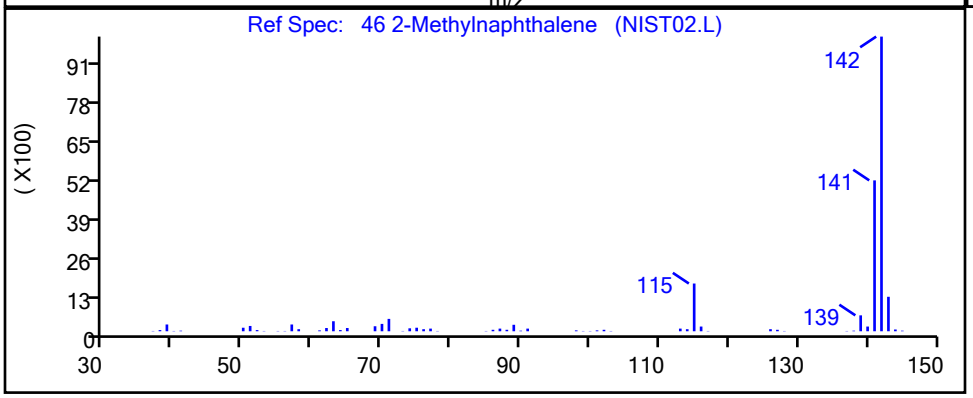
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.35 | 142.00 | 610 | 0.004046 |
| 6.36 | 141.00 | 669 | |

Reviewer: G4KC, 15-Aug-2025 03:52:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

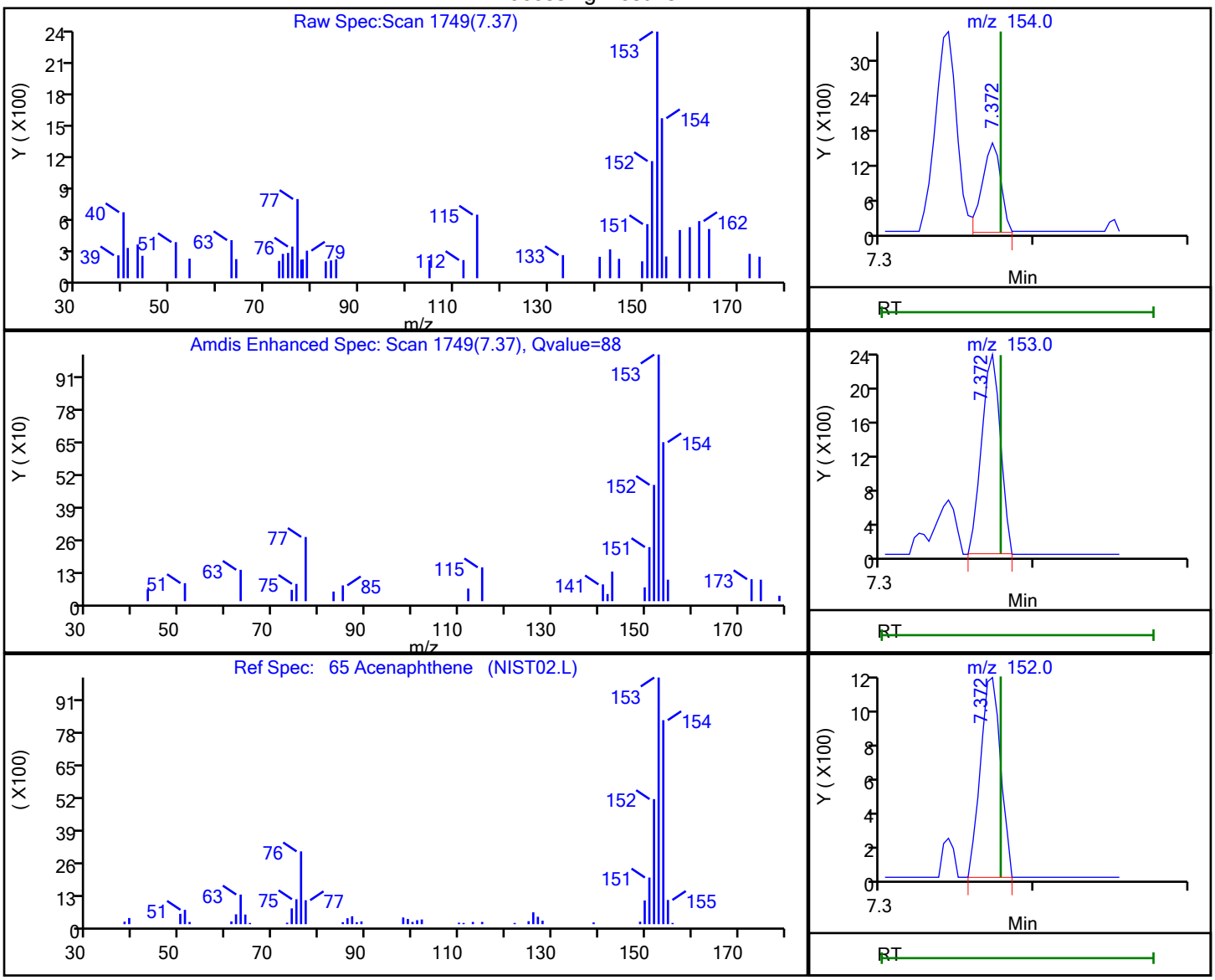
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 65 Acenaphthene, CAS: 83-32-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.37 | 154.00 | 1261 | 0.008713 |
| 7.37 | 153.00 | 1996 | |
| 7.37 | 152.00 | 1013 | |

Reviewer: G4KC, 15-Aug-2025 03:52:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

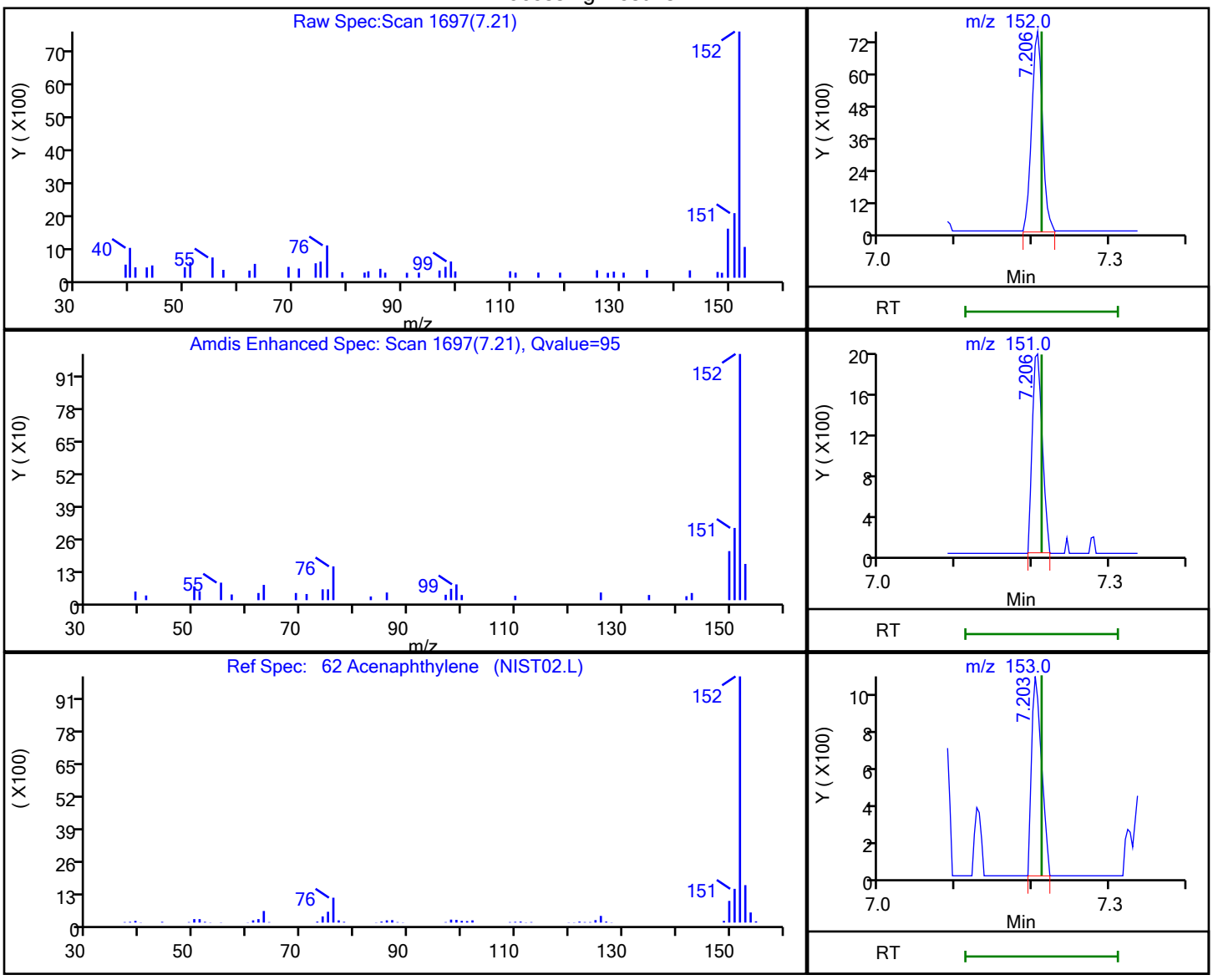
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.21 | 152.00 | 7368 | 0.029449 |
| 7.21 | 151.00 | 1803 | |
| 7.20 | 153.00 | 964 | |

Reviewer: G4KC, 15-Aug-2025 03:52:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

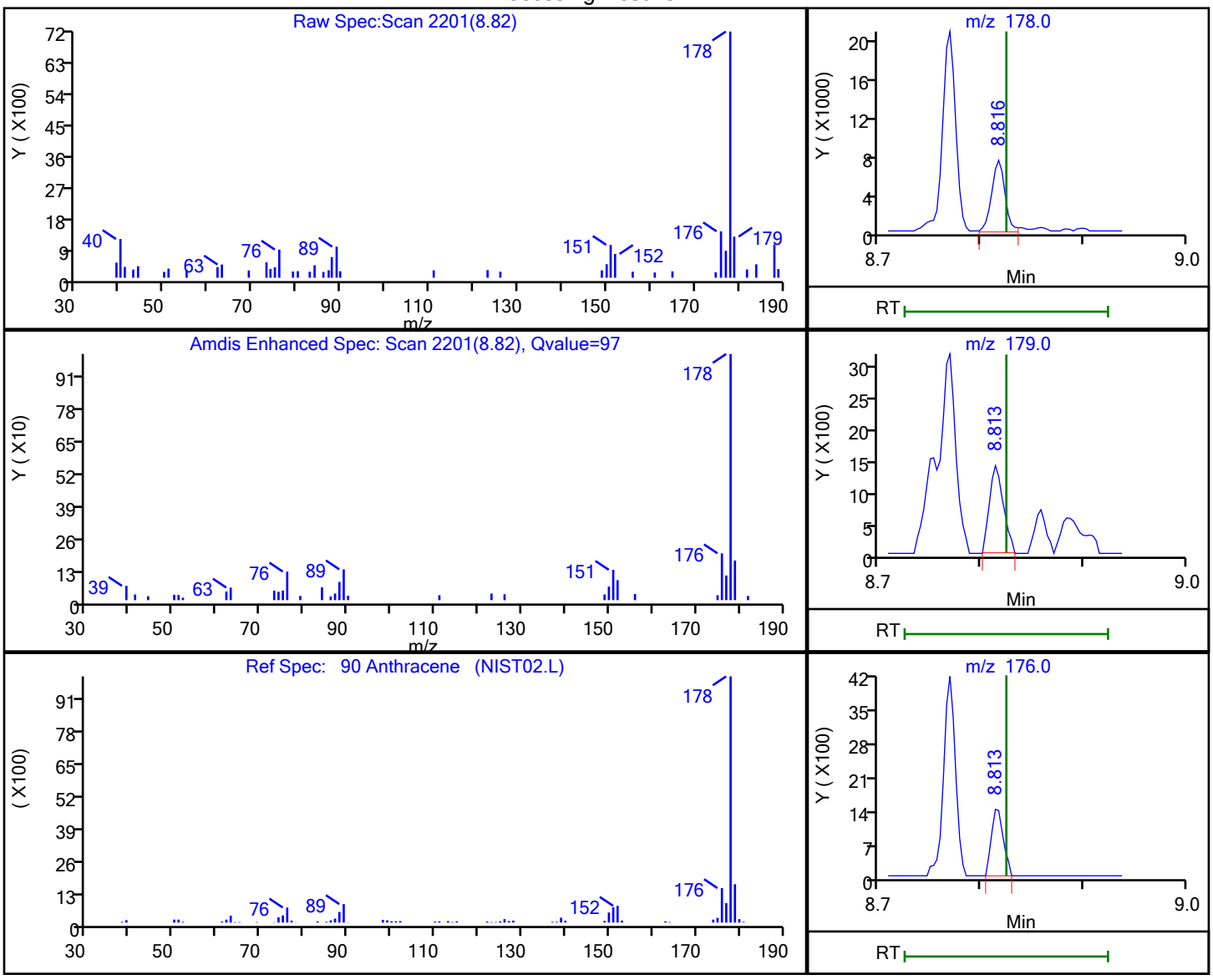
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.82 | 178.00 | 6453 | 0.027744 |
| 8.81 | 179.00 | 1308 | |
| 8.81 | 176.00 | 1132 | |

Reviewer: G4KC, 15-Aug-2025 03:52:19 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

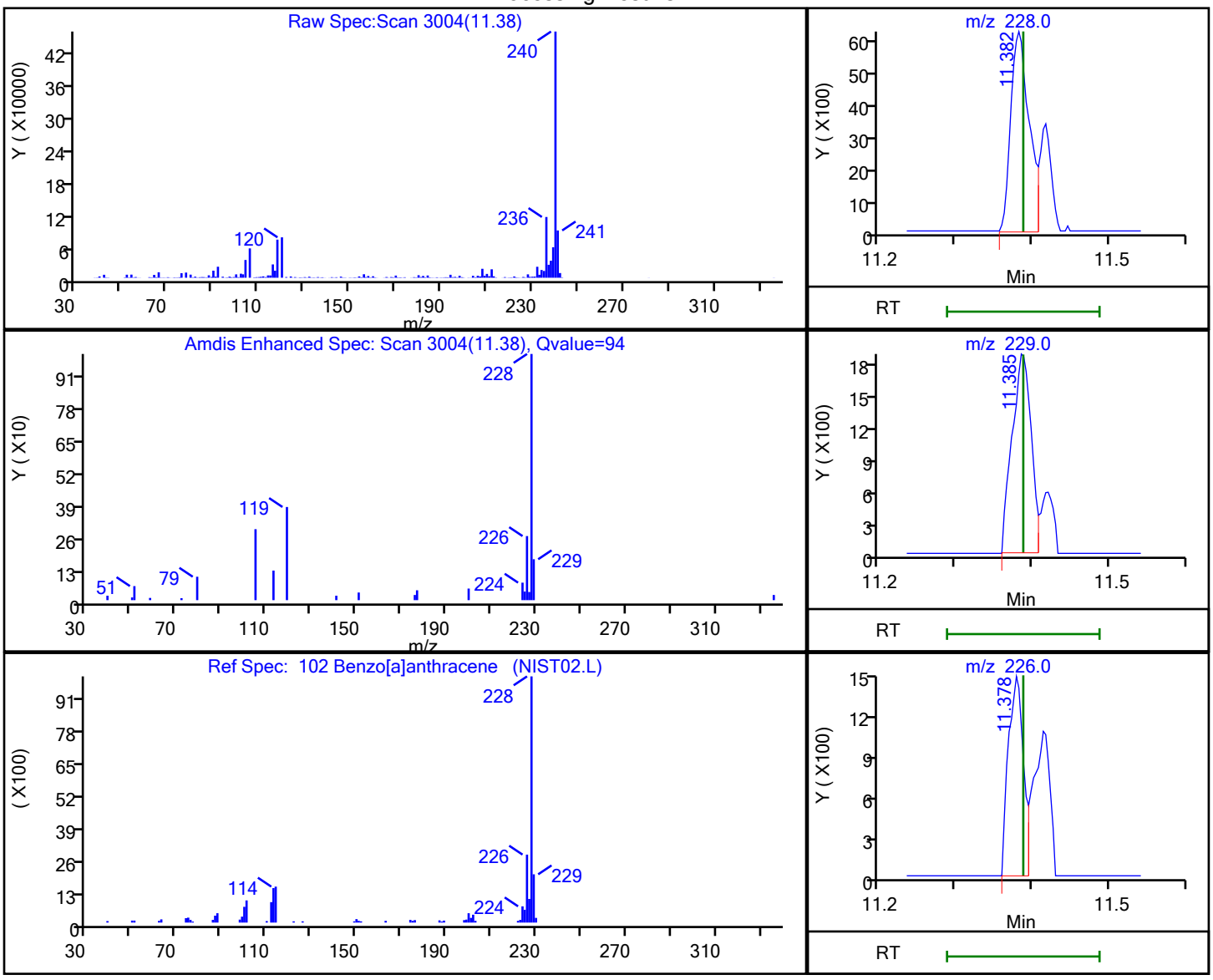
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.38 | 228.00 | 10585 | 0.044120 |
| 11.38 | 229.00 | 3158 | |
| 11.38 | 226.00 | 2081 | |

Reviewer: G4KC, 15-Aug-2025 03:52:21 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

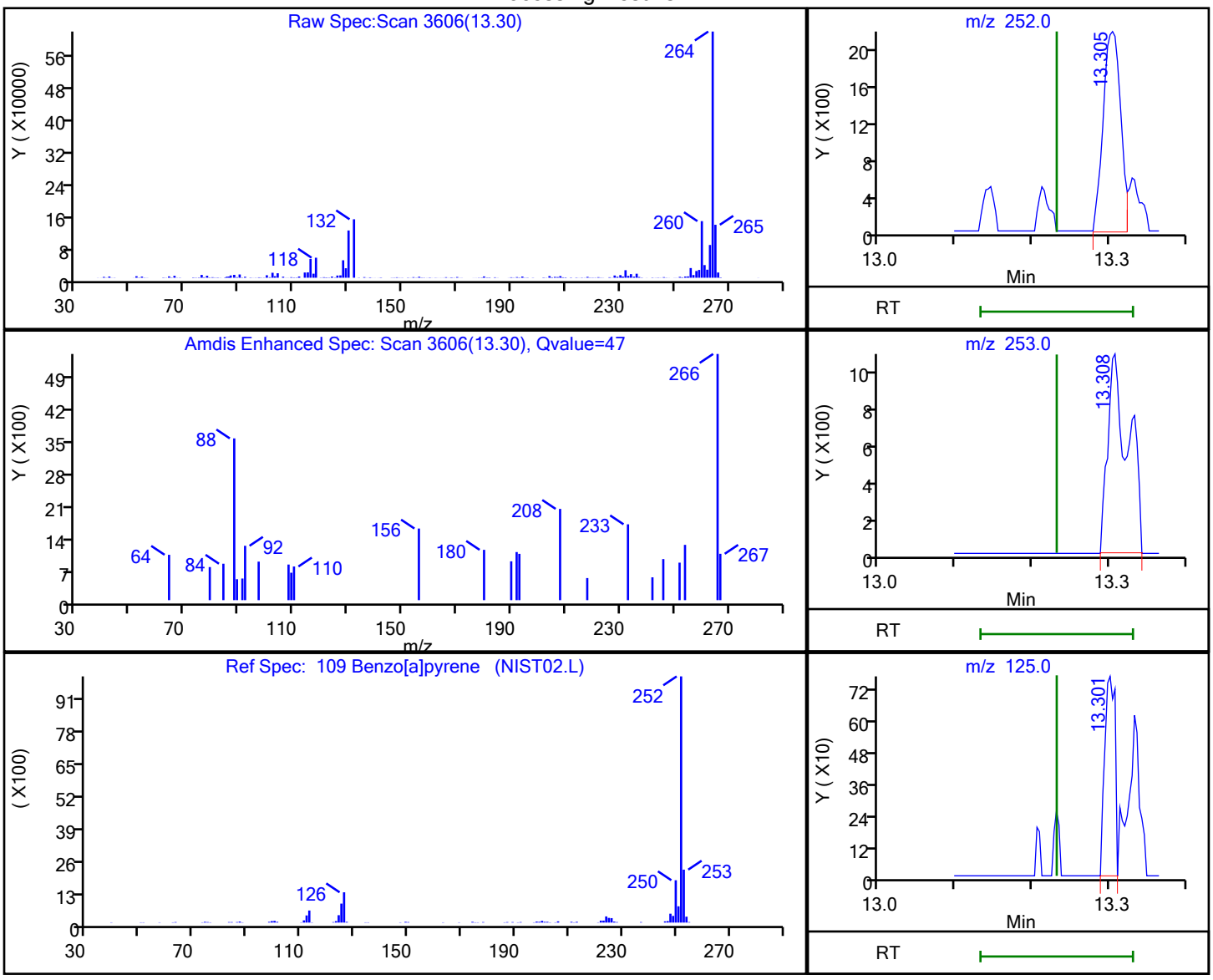
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.30 | 252.00 | 3404 | 0.028196 |
| 13.31 | 253.00 | 1940 | |
| 13.30 | 125.00 | 720 | |

Reviewer: G4KC, 15-Aug-2025 03:52:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

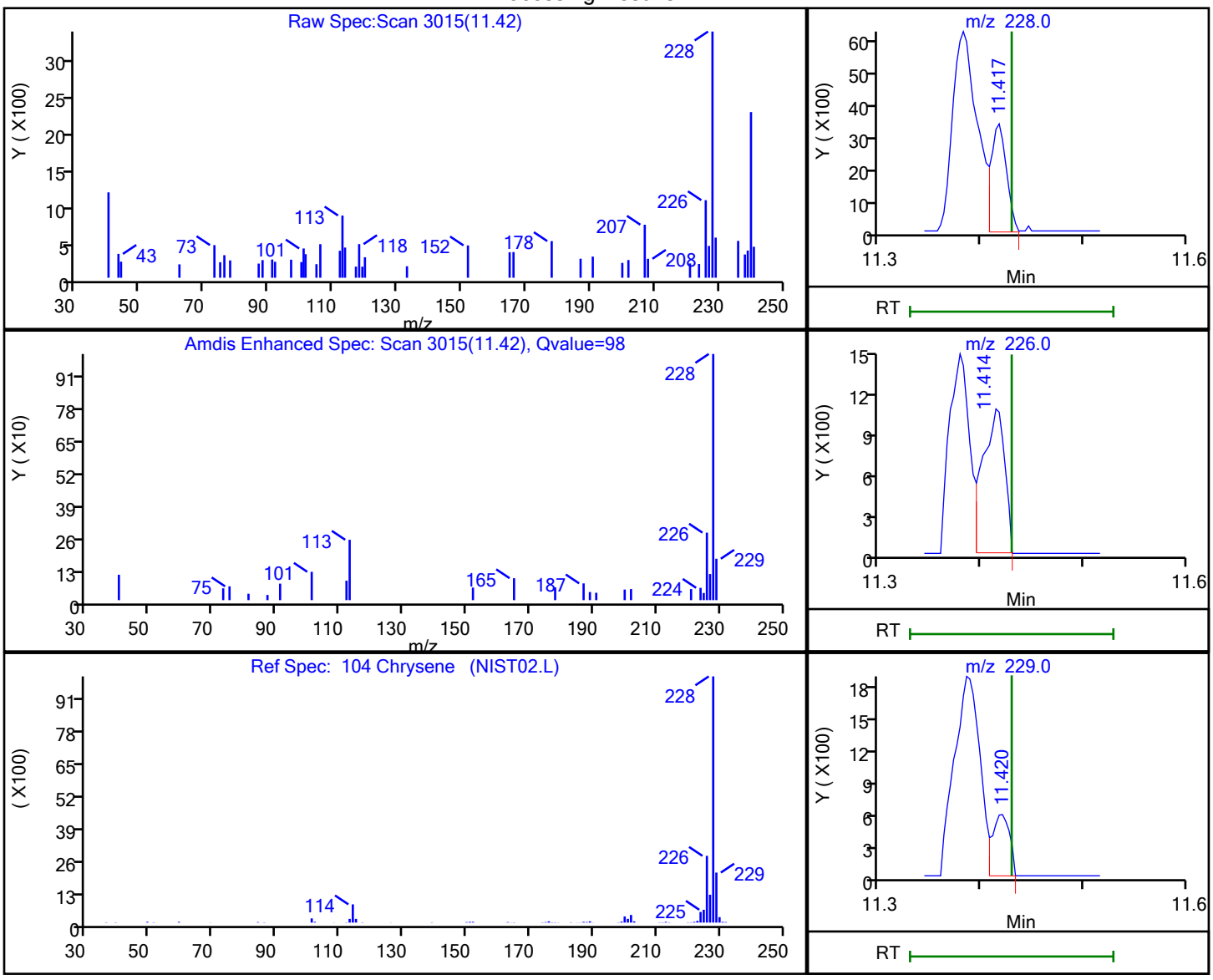
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.42 | 228.00 | 3509 | 0.022482 |
| 11.41 | 226.00 | 1619 | |
| 11.42 | 229.00 | 662 | |

Reviewer: G4KC, 15-Aug-2025 03:52:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

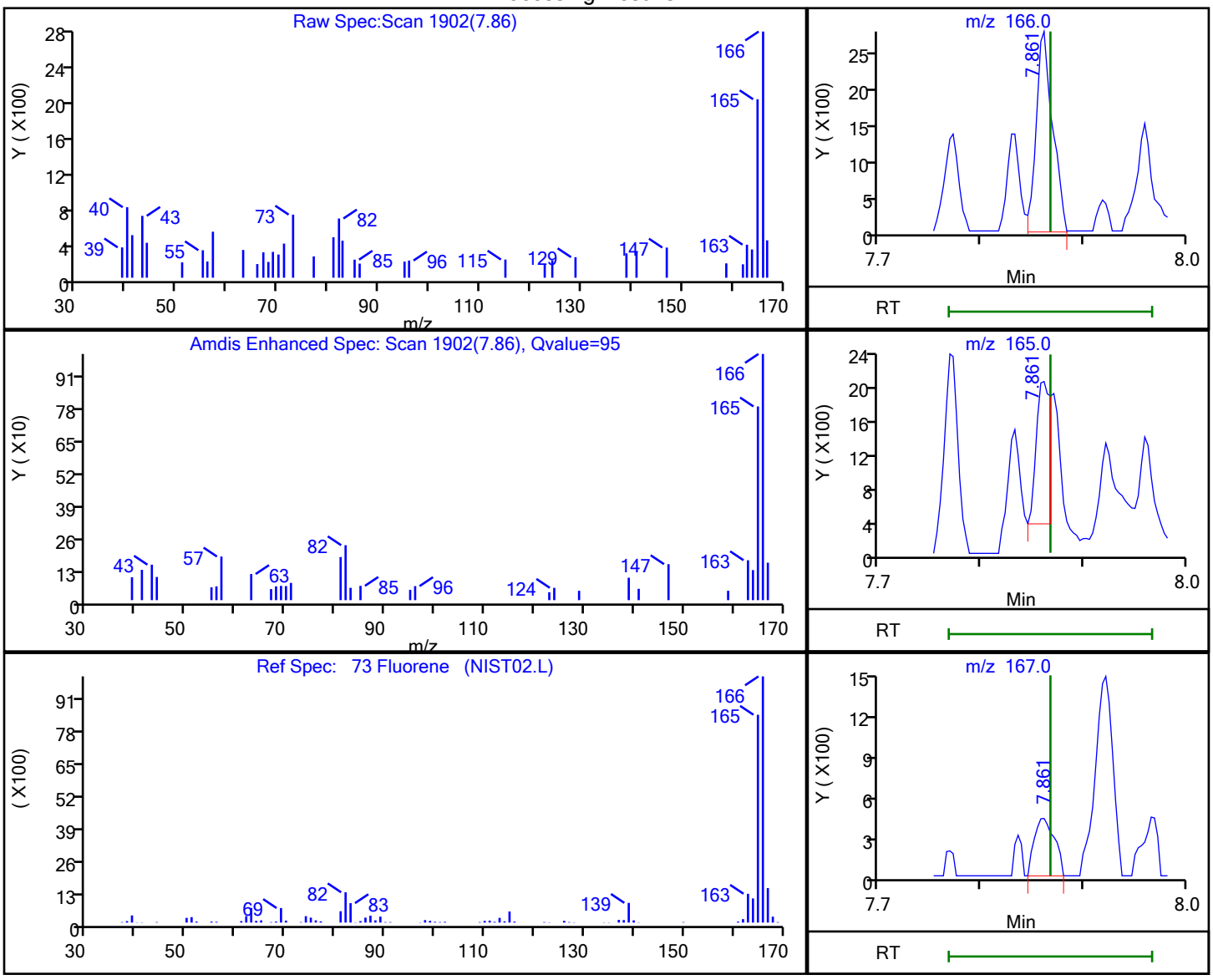
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 73 Fluorene, CAS: 86-73-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.86 | 166.00 | 3102 | 0.018219 |
| 7.86 | 165.00 | 1612 | |
| 7.86 | 167.00 | 584 | |

Reviewer: G4KC, 15-Aug-2025 03:52:17 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

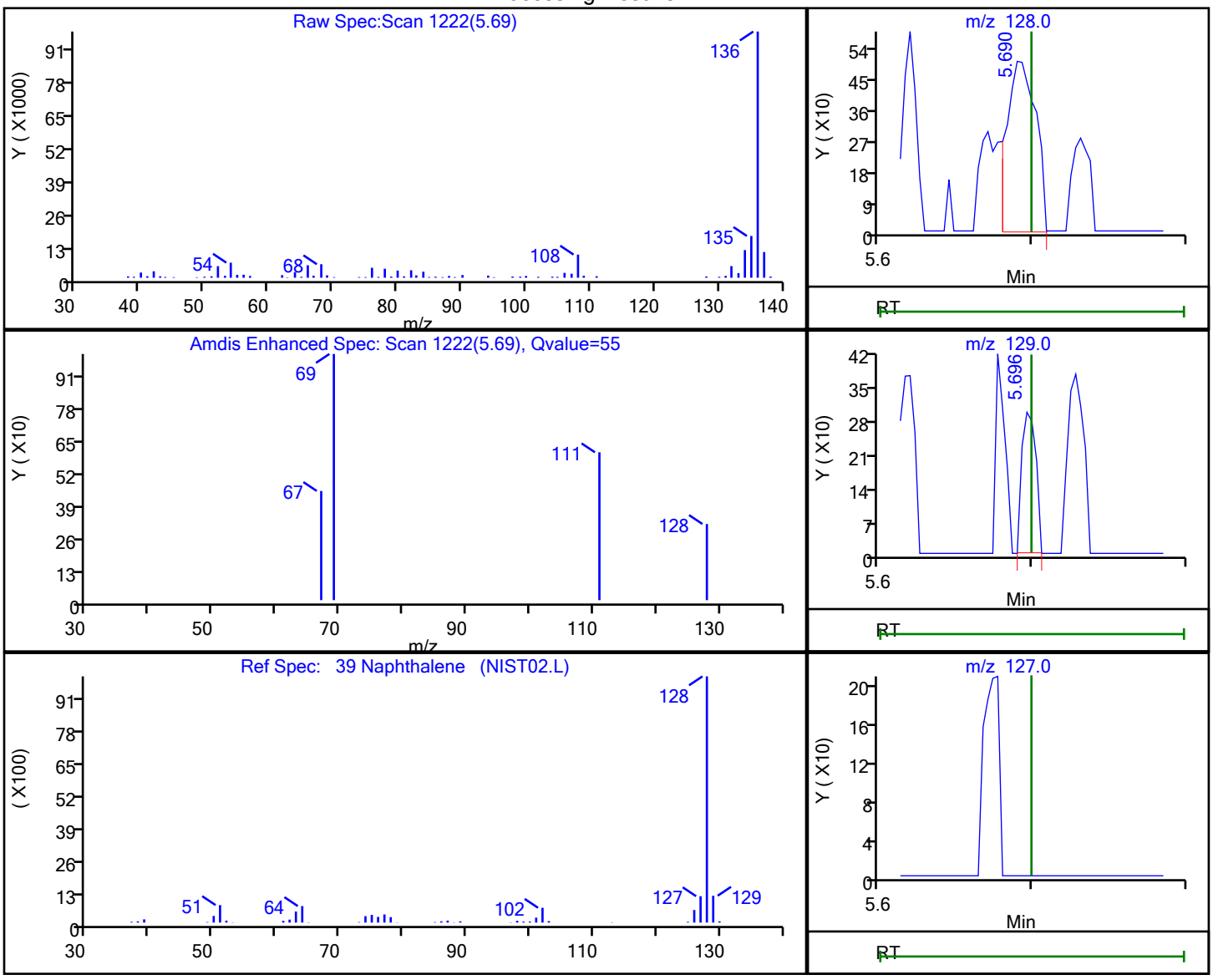
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.69 | 128.00 | 648 | 0.002530 |
| 5.70 | 129.00 | 188 | |
| 5.70 | 127.00 | 0 | |

Reviewer: G4KC, 15-Aug-2025 03:52:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

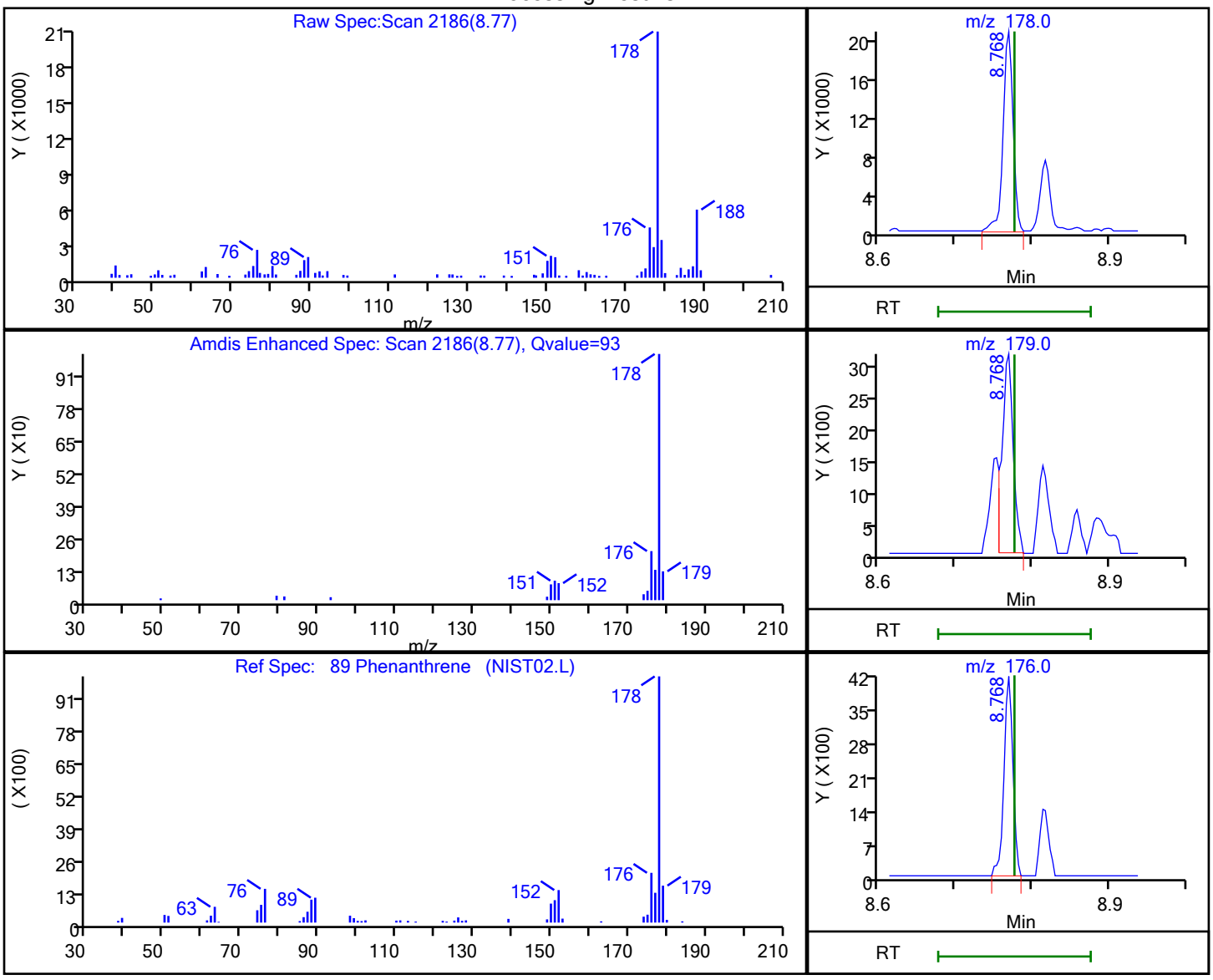
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94278.D | | | | |
| Injection Date: | 14-Aug-2025 21:21:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-3-A | Lab Sample ID: | 460-332739-3 | | |
| Client ID: | HHMW-13 | | | | |
| Operator ID: | | ALS Bottle#: | 15 | Worklist Smp#: | 15 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.77 | 178.00 | 18203 | 0.080364 |
| 8.77 | 179.00 | 3117 | |
| 8.77 | 176.00 | 3351 | |

Reviewer: G4KC, 15-Aug-2025 03:52:18 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-16S1 | Lab Sample ID: 460-332739-4

Matrix: Water | Lab File ID: P94279.D

Analysis Method: 8270E | Date Collected: 08/12/2025 10:55

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 21:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 75 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 77 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 51 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D
Lims ID: 460-332739-E-4-A
Client ID: HHMW-16S1
Sample Type: Client
Inject. Date: 14-Aug-2025 21:43:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-016
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:52:47 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:52:47

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.465 | 4.469 | -0.004 | 97 | 479178 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.988 | 4.993 | -0.005 | 88 | 844738 | 7.66 | |
| * 38 Naphthalene-d8 | 136 | 5.675 | 5.680 | -0.005 | 100 | 1925920 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.706 | 6.709 | -0.003 | 97 | 1444867 | 7.49 | |
| * 64 Acenaphthene-d10 | 164 | 7.342 | 7.346 | -0.004 | 96 | 985019 | 8.00 | |
| * 88 Phenanthrene-d10 | 188 | 8.747 | 8.750 | -0.003 | 99 | 1601441 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 10.269 | 10.275 | -0.006 | 98 | 823329 | 5.14 | |
| * 103 Chrysene-d12 | 240 | 11.392 | 11.397 | -0.005 | 99 | 910550 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.304 | 13.311 | -0.007 | 97 | 830912 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

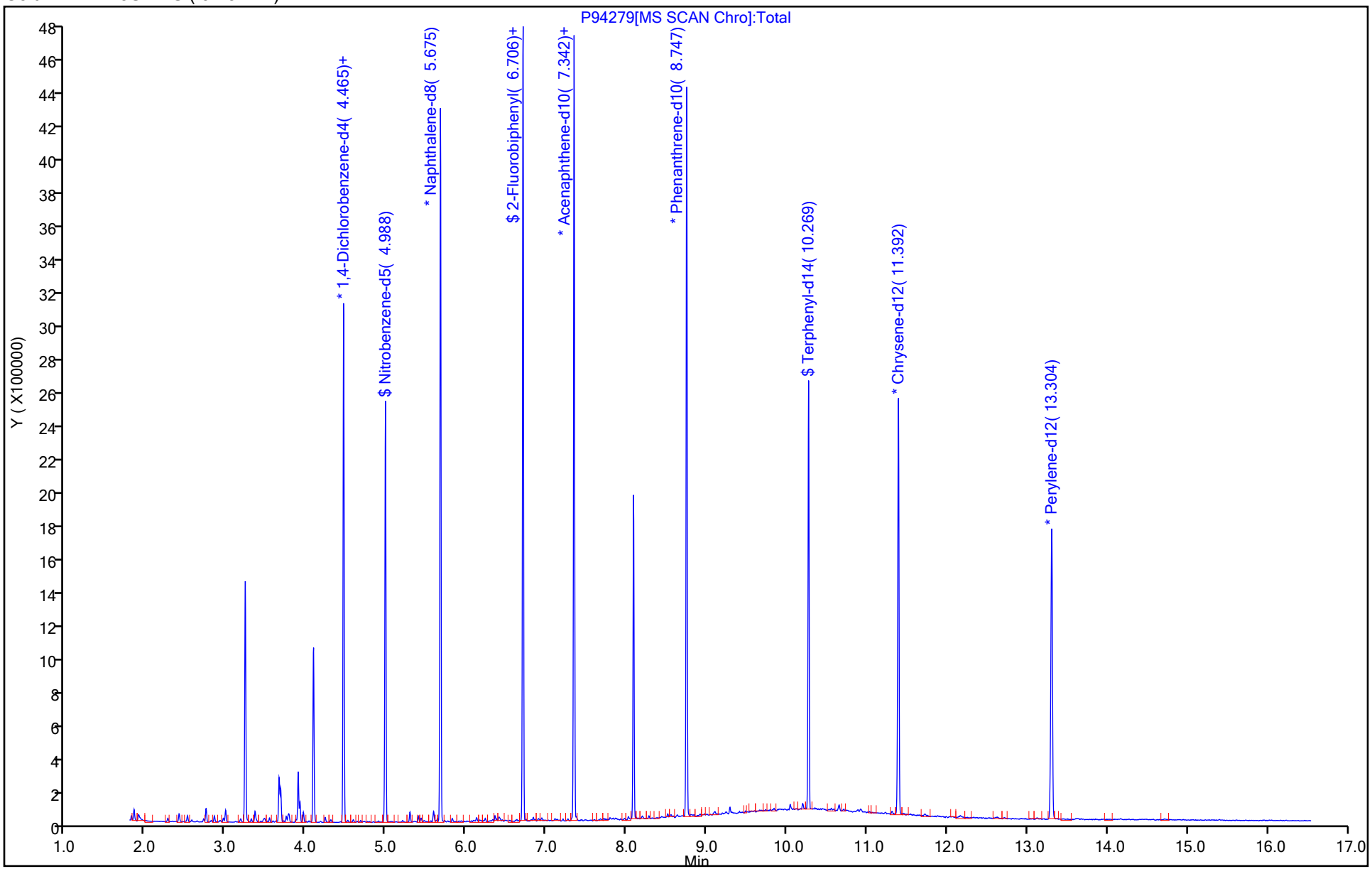
Report Date: 15-Aug-2025 03:52:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | Worklist Smp#: | 16 |
| Client ID: | HHMW-16S1 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D
Lims ID: 460-332739-E-4-A
Client ID: HHMW-16S1
Sample Type: Client
Inject. Date: 14-Aug-2025 21:43:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-016
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:52:47 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:52:47

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.66 | 76.64 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.49 | 74.89 |
| $ 97 Terphenyl-d14 | 10.0 | 5.14 | 51.41 |

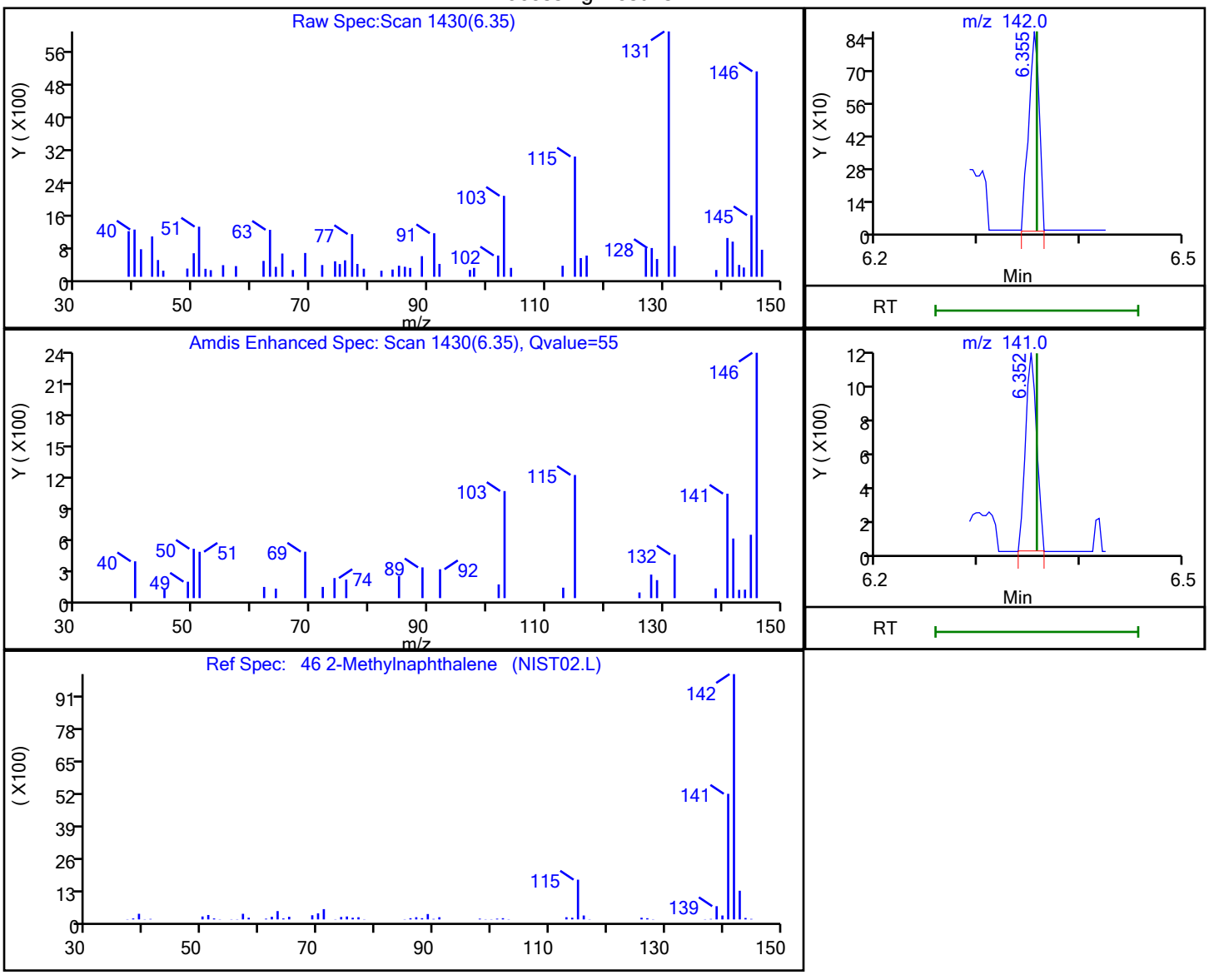
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.35 | 142.00 | 620 | 0.004050 |
| 6.35 | 141.00 | 904 | |

Reviewer: G4KC, 15-Aug-2025 03:52:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

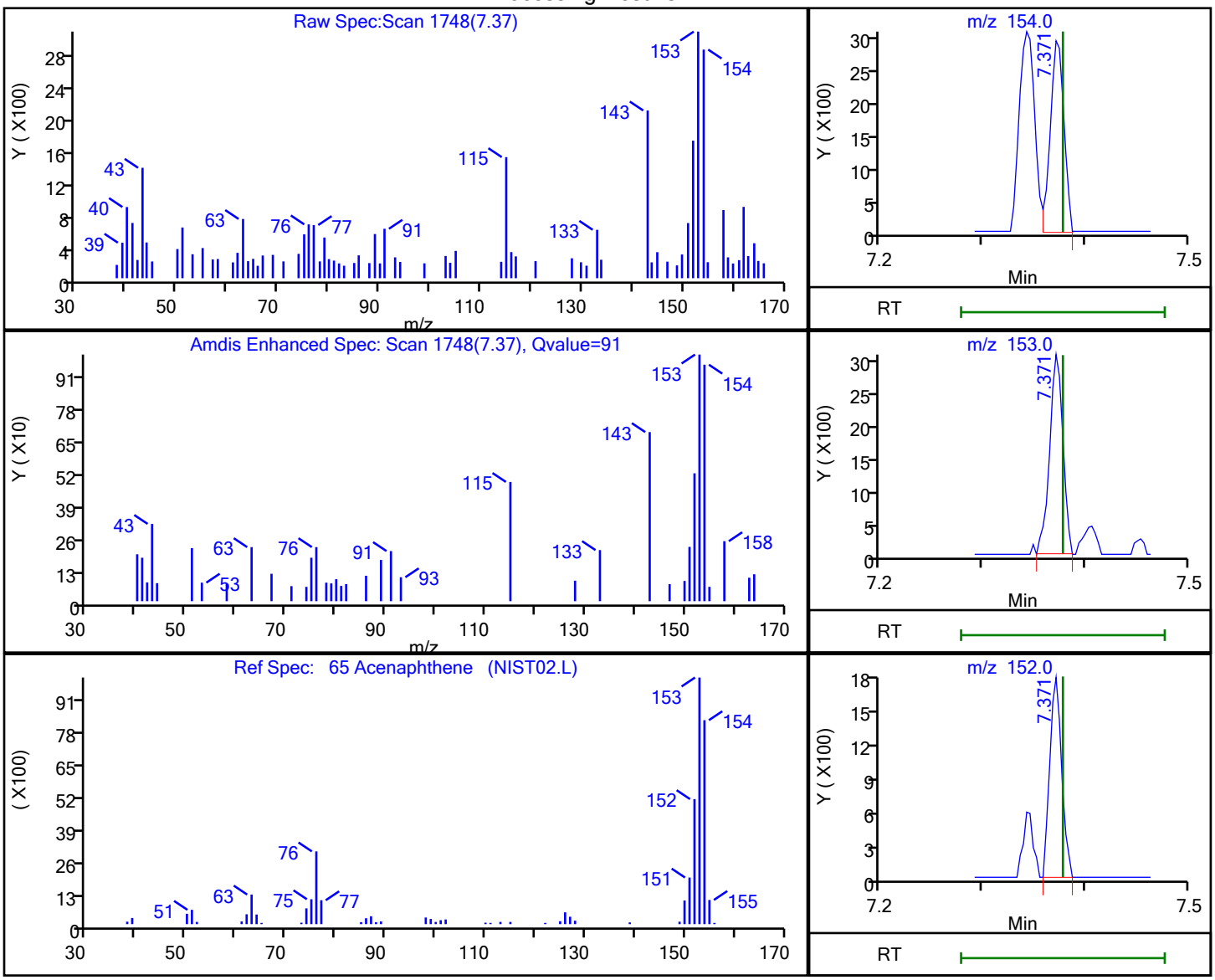
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 65 Acenaphthene, CAS: 83-32-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.37 | 154.00 | 2659 | 0.018221 |
| 7.37 | 153.00 | 2817 | |
| 7.37 | 152.00 | 1402 | |

Reviewer: G4KC, 15-Aug-2025 03:52:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

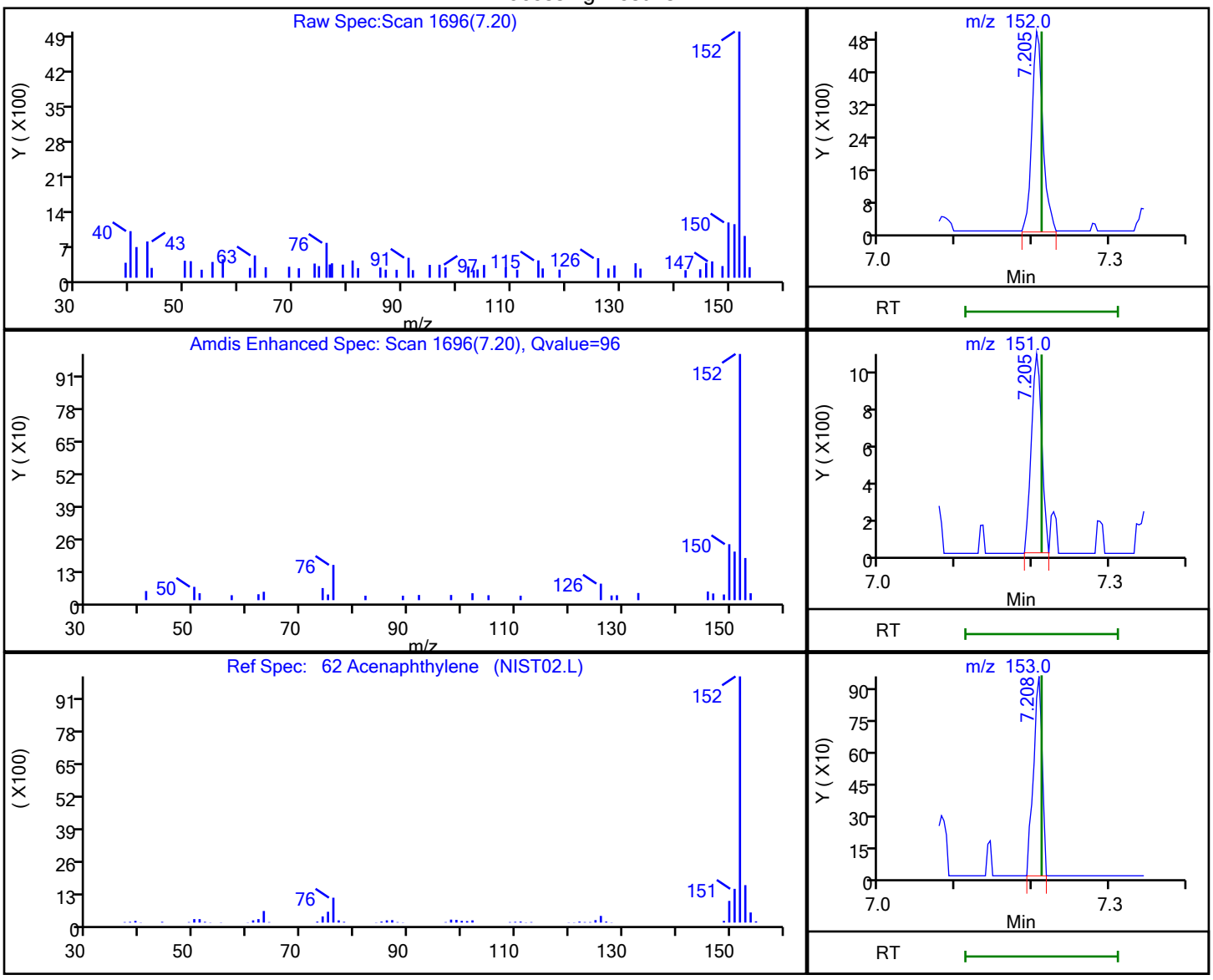
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.20 | 152.00 | 4929 | 0.019538 |
| 7.20 | 151.00 | 1026 | |
| 7.21 | 153.00 | 753 | |

Reviewer: G4KC, 15-Aug-2025 03:52:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

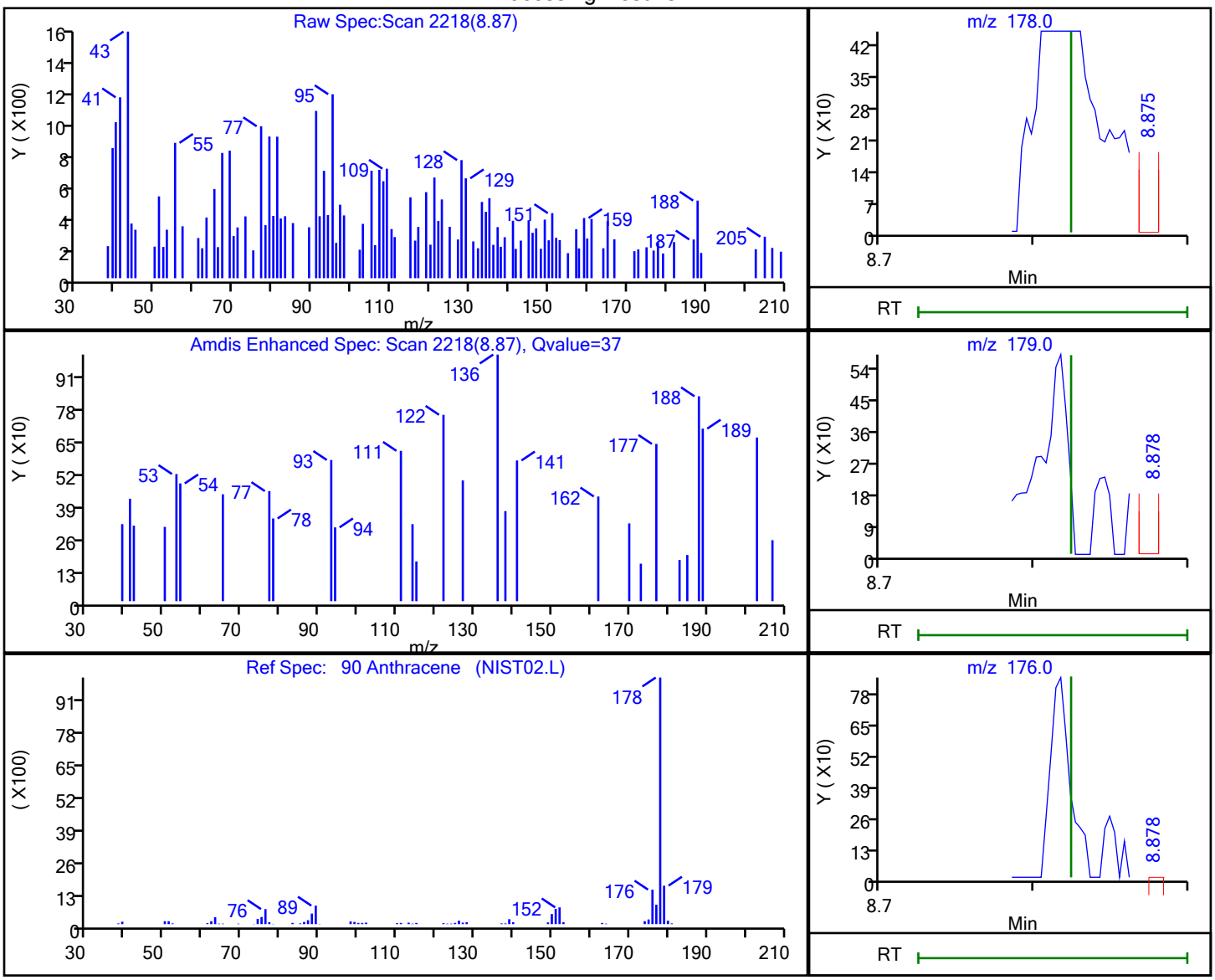
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.87 | 178.00 | 111 | 0.000488 |
| 8.88 | 179.00 | 59 | |
| 8.88 | 176.00 | 77 | |

Reviewer: G4KC, 15-Aug-2025 03:52:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

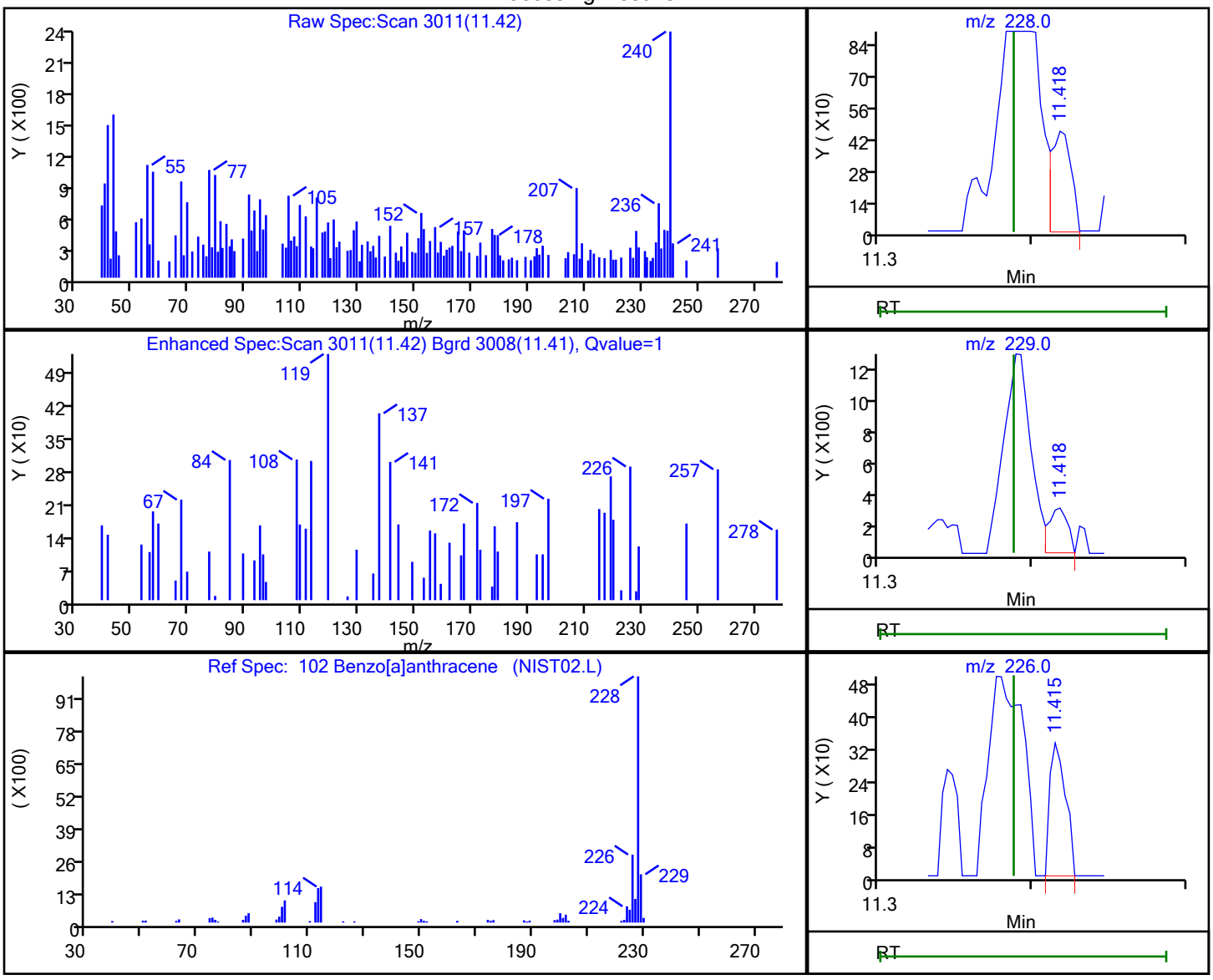
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.42 | 228.00 | 407 | -0.017603 |
| 11.42 | 229.00 | 257 | |
| 11.41 | 226.00 | 237 | |

Reviewer: G4KC, 15-Aug-2025 03:52:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

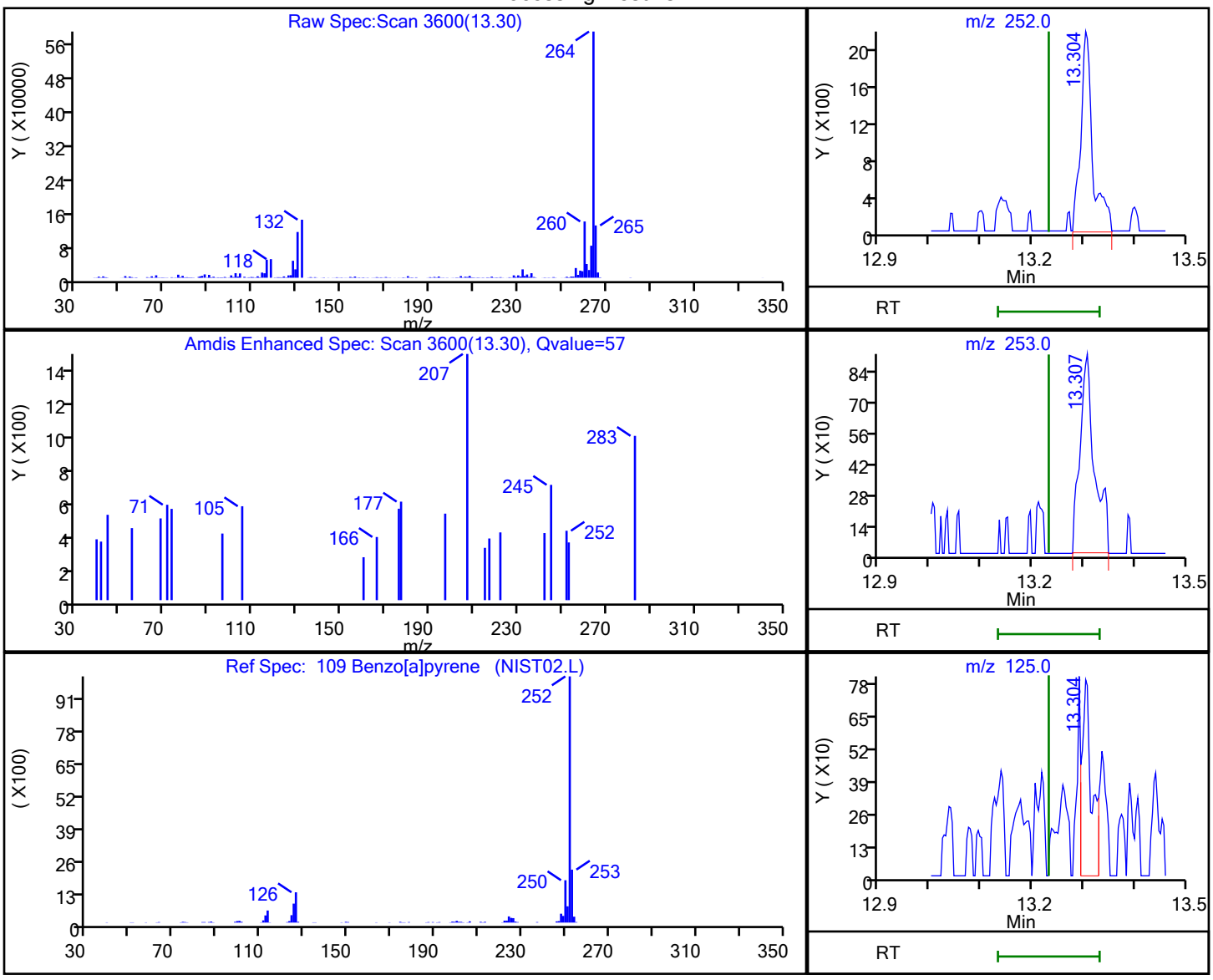
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.30 | 252.00 | 3508 | 0.031264 |
| 13.31 | 253.00 | 1808 | |
| 13.30 | 125.00 | 1050 | |

Reviewer: G4KC, 15-Aug-2025 03:52:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

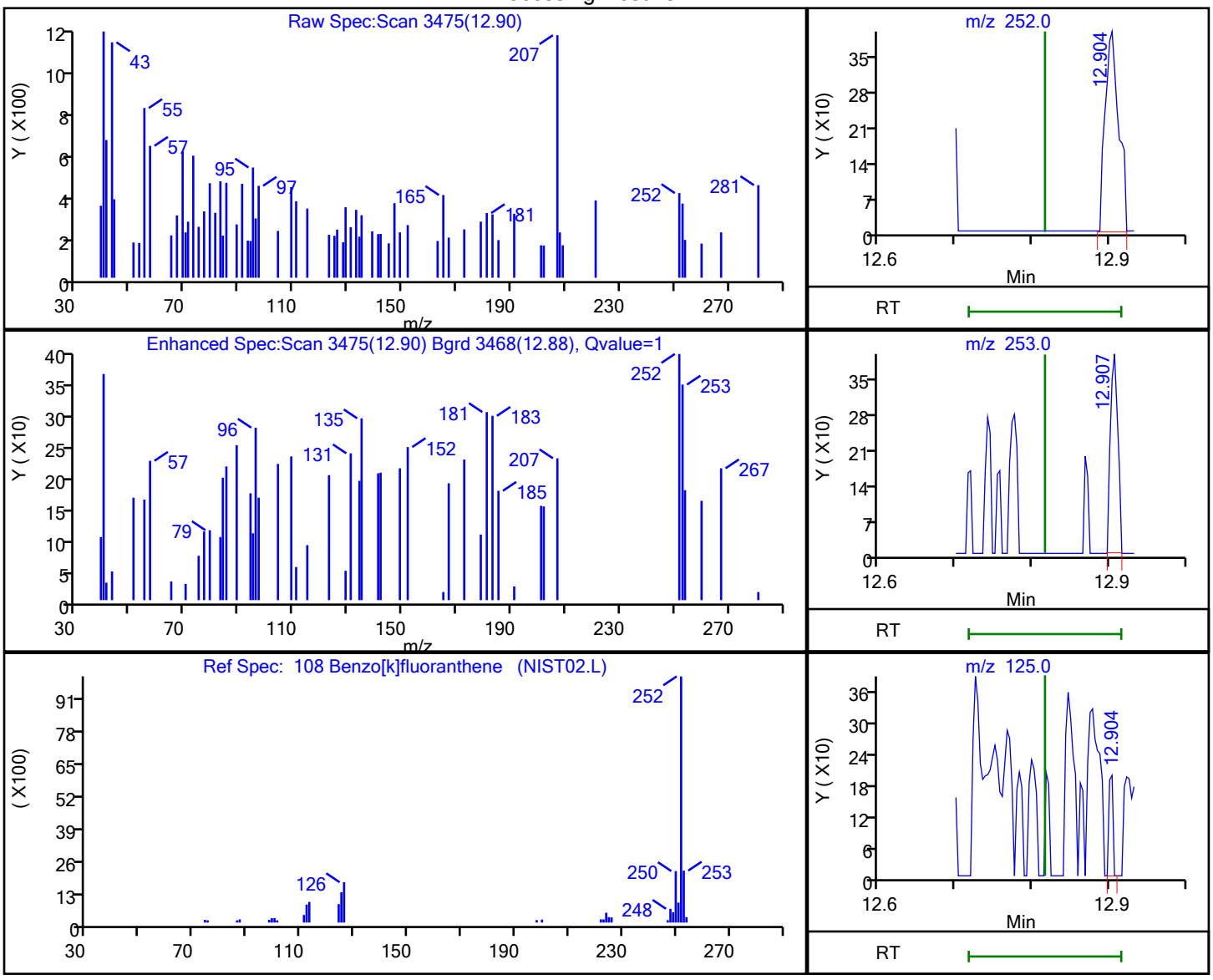
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[k]fluoranthene, CAS: 207-08-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.90 | 252.00 | 487 | 0.003805 |
| 12.91 | 253.00 | 269 | |
| 12.90 | 125.00 | 73 | |

Reviewer: G4KC, 15-Aug-2025 03:52:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

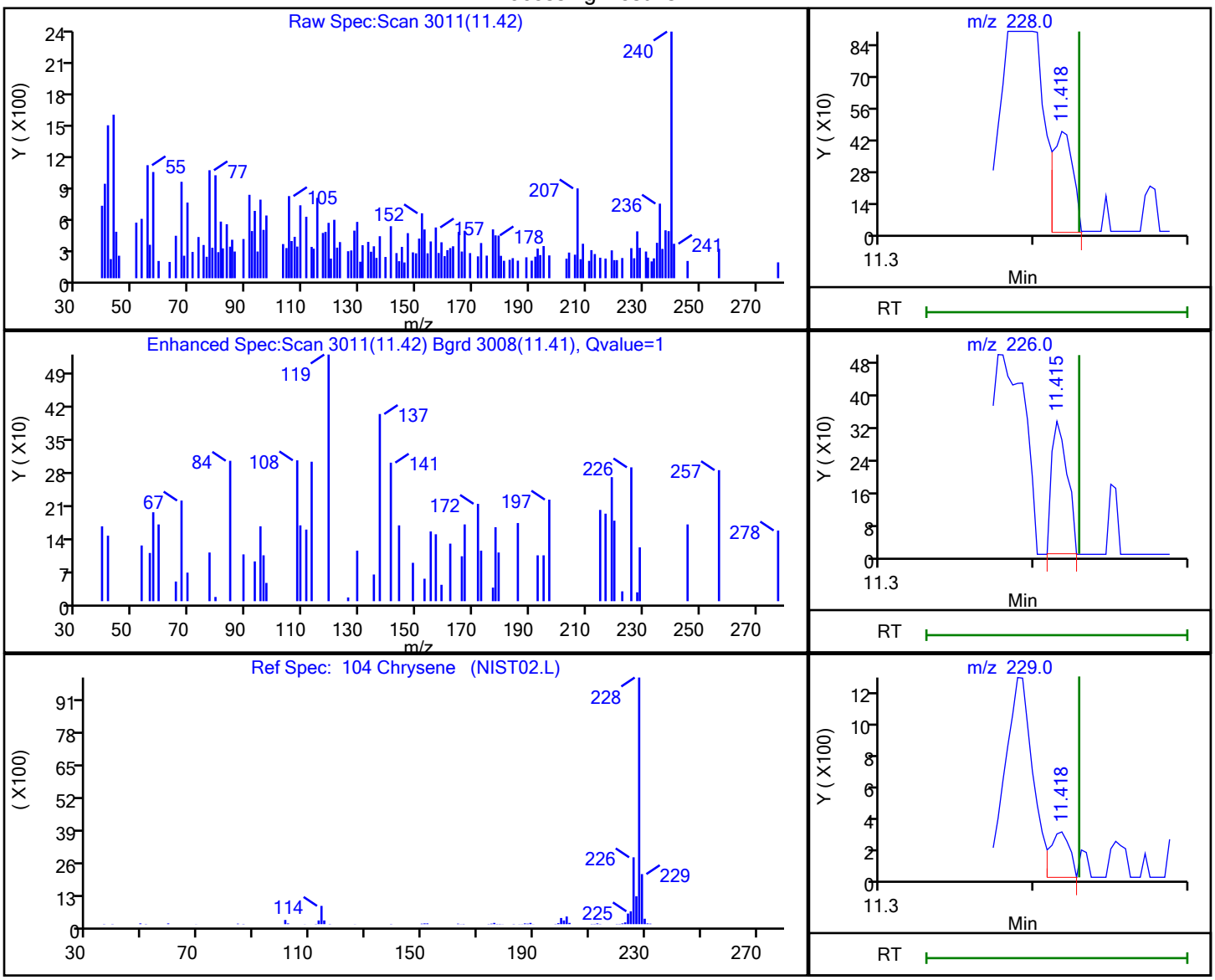
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.42 | 228.00 | 407 | 0.002841 |
| 11.41 | 226.00 | 237 | |
| 11.42 | 229.00 | 257 | |

Reviewer: G4KC, 15-Aug-2025 03:52:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

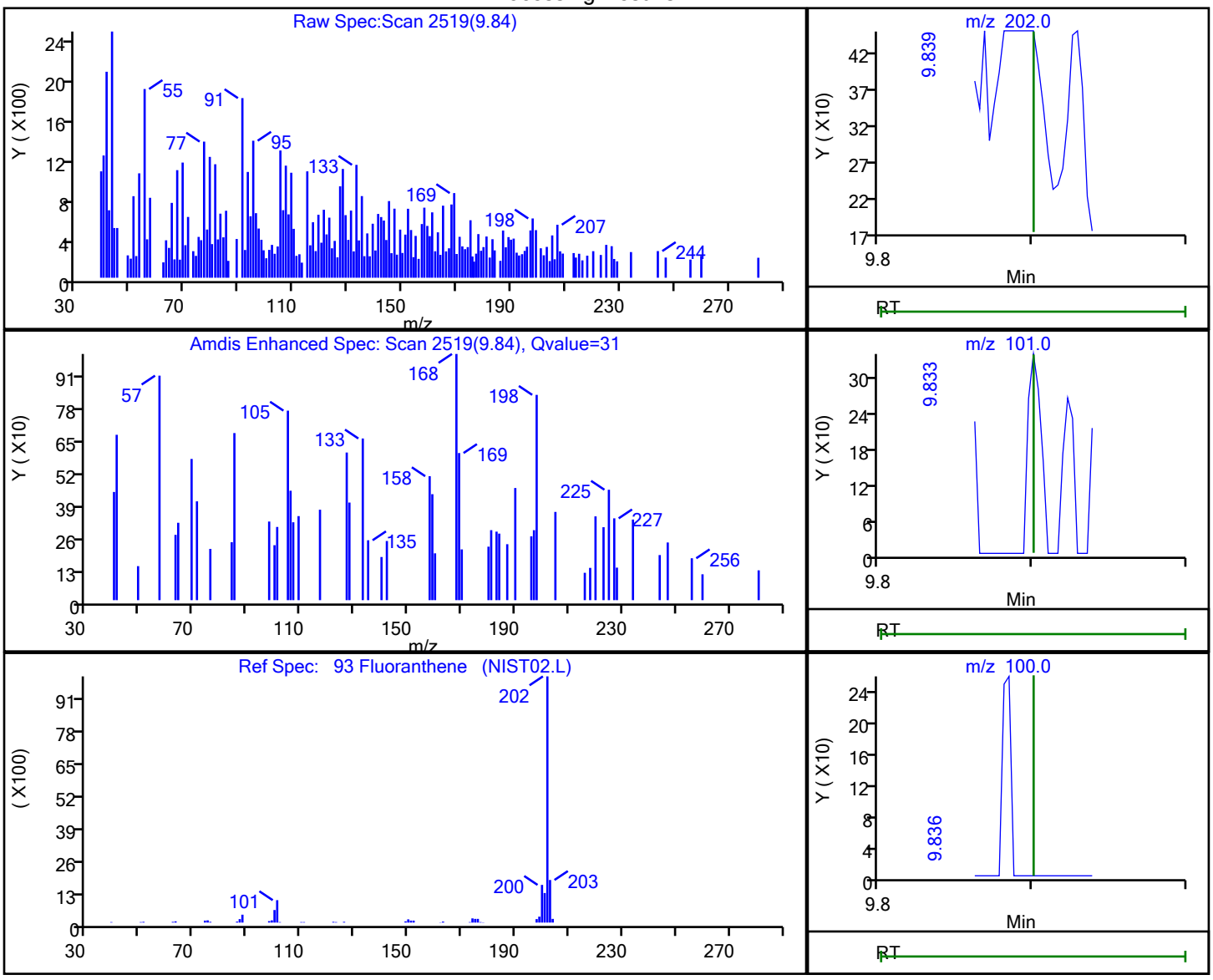
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.84 | 202.00 | 154 | 0.000765 |
| 9.83 | 101.00 | 376 | |
| 9.84 | 100.00 | 114 | |

Reviewer: G4KC, 15-Aug-2025 03:52:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

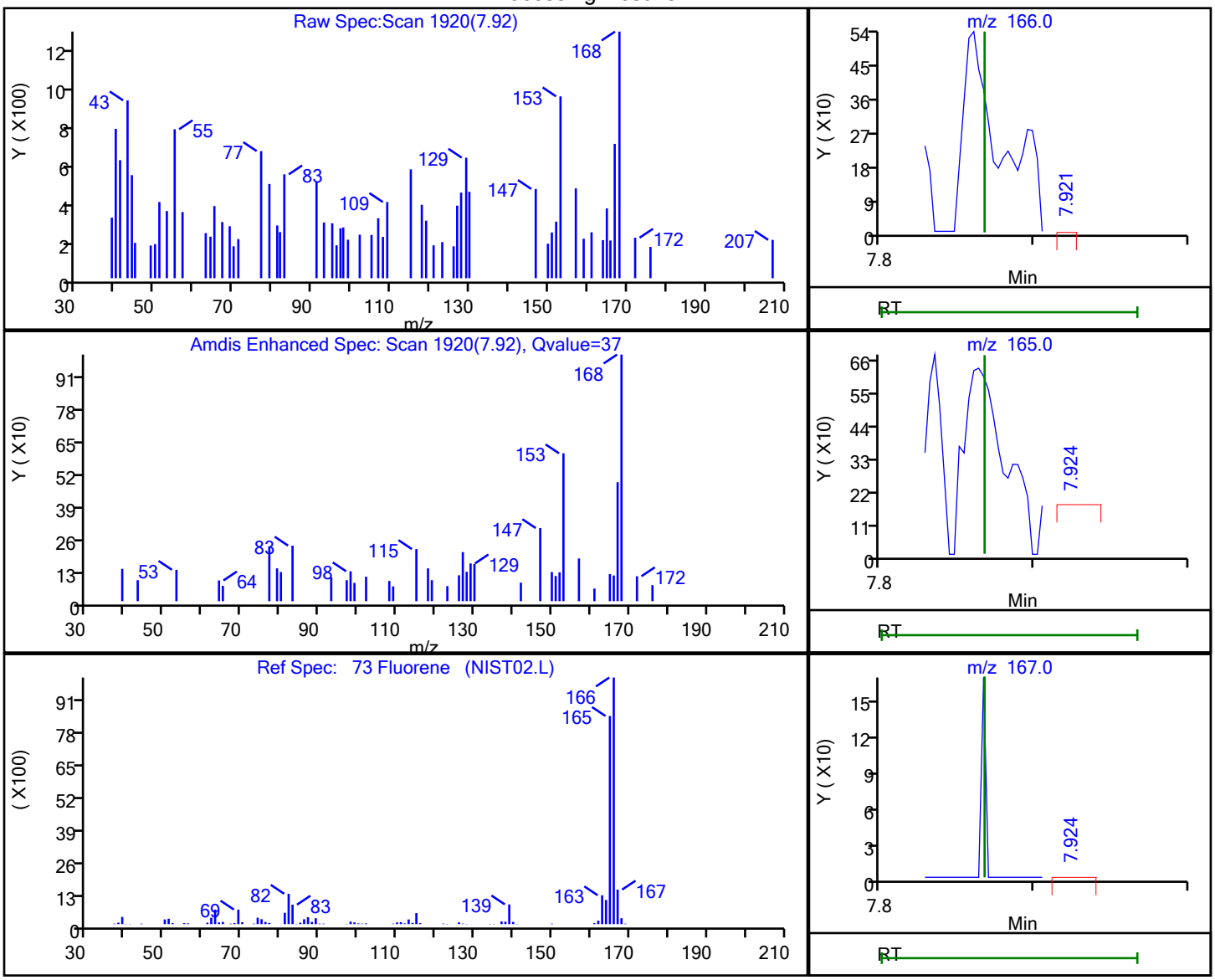
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 73 Fluorene, CAS: 86-73-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.92 | 166.00 | 100 | 0.000583 |
| 7.92 | 165.00 | 298 | |
| 7.92 | 167.00 | 687 | |

Reviewer: G4KC, 15-Aug-2025 03:52:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

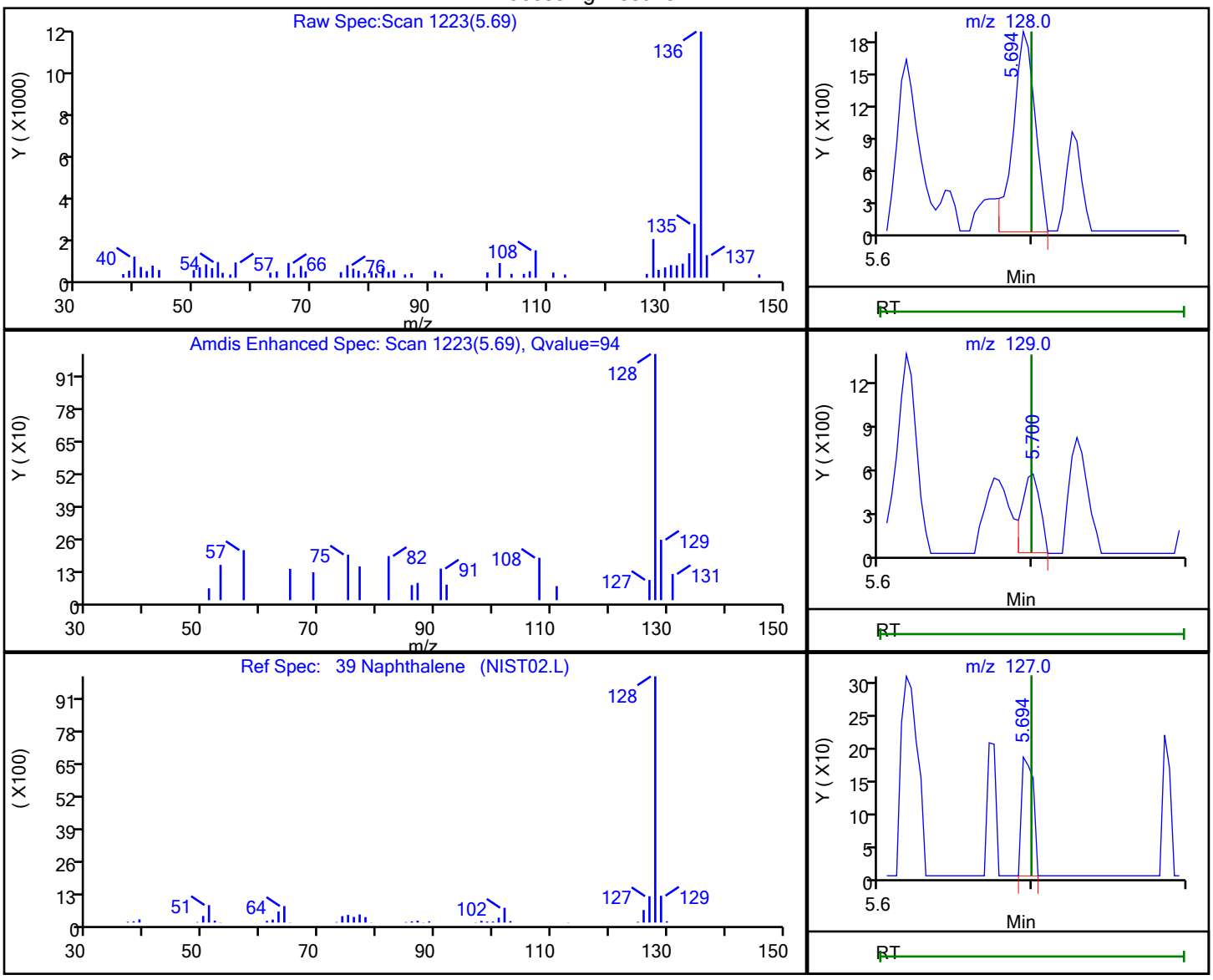
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.69 | 128.00 | 1797 | 0.006909 |
| 5.70 | 129.00 | 449 | |
| 5.69 | 127.00 | 96 | |

Reviewer: G4KC, 15-Aug-2025 03:52:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

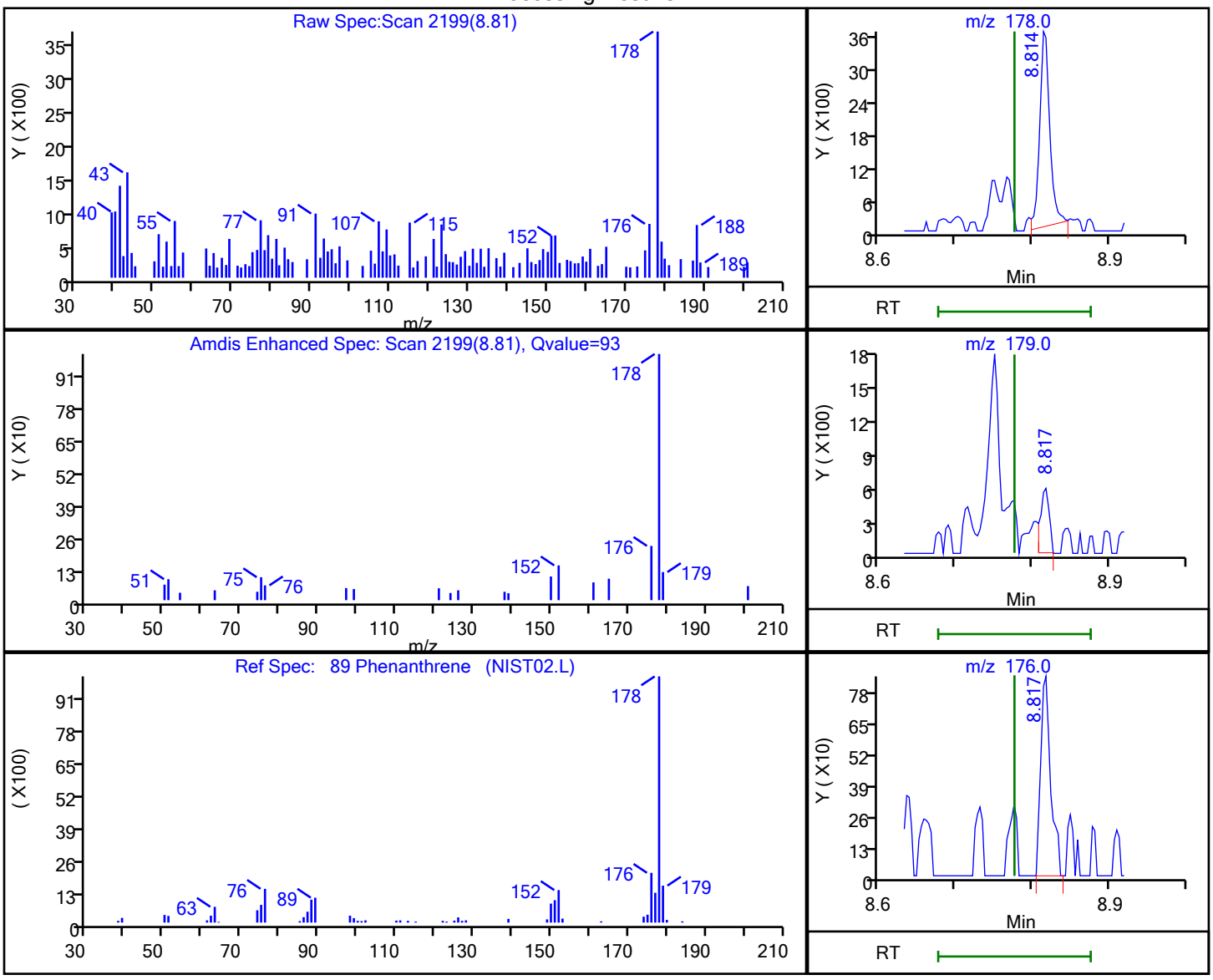
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94279.D | | | | |
| Injection Date: | 14-Aug-2025 21:43:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-4-A | Lab Sample ID: | 460-332739-4 | | |
| Client ID: | HHMW-16S1 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.81 | 178.00 | 3286 | 0.014828 |
| 8.82 | 179.00 | 456 | |
| 8.82 | 176.00 | 776 | |

Reviewer: G4KC, 15-Aug-2025 03:52:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-05S2-R | Lab Sample ID: 460-332739-5

Matrix: Water | Lab File ID: N59978.d

Analysis Method: 8270E | Date Collected: 08/12/2025 11:15

Extract. Method: 3510C | Date Extracted: 08/14/2025 10:58

Sample wt/vol: 250(mL) | Date Analyzed: 08/15/2025 03:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055605 | Units: ug/L

Preparation Batch No.: 1055552 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 67 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 72 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 28 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d
Lims ID: 460-332739-E-5-A
Client ID: HHMW-05S2-R
Sample Type: Client
Inject. Date: 15-Aug-2025 03:21:52 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-030
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 05:13:57 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 05:13:57

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.517 | 2.511 | 0.006 | 96 | 459604 | 4.63 | |
| $ 6 Phenol-d5 | 99 | 3.393 | 3.399 | -0.006 | 96 | 370215 | 3.09 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.728 | 3.728 | 0.000 | 96 | 584013 | 8.00 | |
| $ 27 Nitrobenzene-d5 | 82 | 4.269 | 4.275 | -0.006 | 88 | 788737 | 7.17 | |
| * 38 Naphthalene-d8 | 136 | 4.975 | 4.975 | 0.000 | 99 | 2150220 | 8.00 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.034 | 6.040 | -0.006 | 97 | 1615325 | 6.69 | |
| * 64 Acenaphthene-d10 | 164 | 6.663 | 6.669 | -0.006 | 94 | 1229813 | 8.00 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.410 | 7.416 | -0.006 | 91 | 345594 | 6.80 | |
| * 87 Phenanthrene-d10 | 188 | 8.063 | 8.069 | -0.006 | 98 | 2133207 | 8.00 | |
| $ 96 Terphenyl-d14 | 244 | 9.593 | 9.604 | -0.011 | 98 | 746760 | 2.79 | |
| * 102 Chrysene-d12 | 240 | 10.599 | 10.604 | -0.005 | 99 | 1427461 | 8.00 | |
| * 109 Perylene-d12 | 264 | 12.328 | 12.334 | -0.006 | 99 | 1247293 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

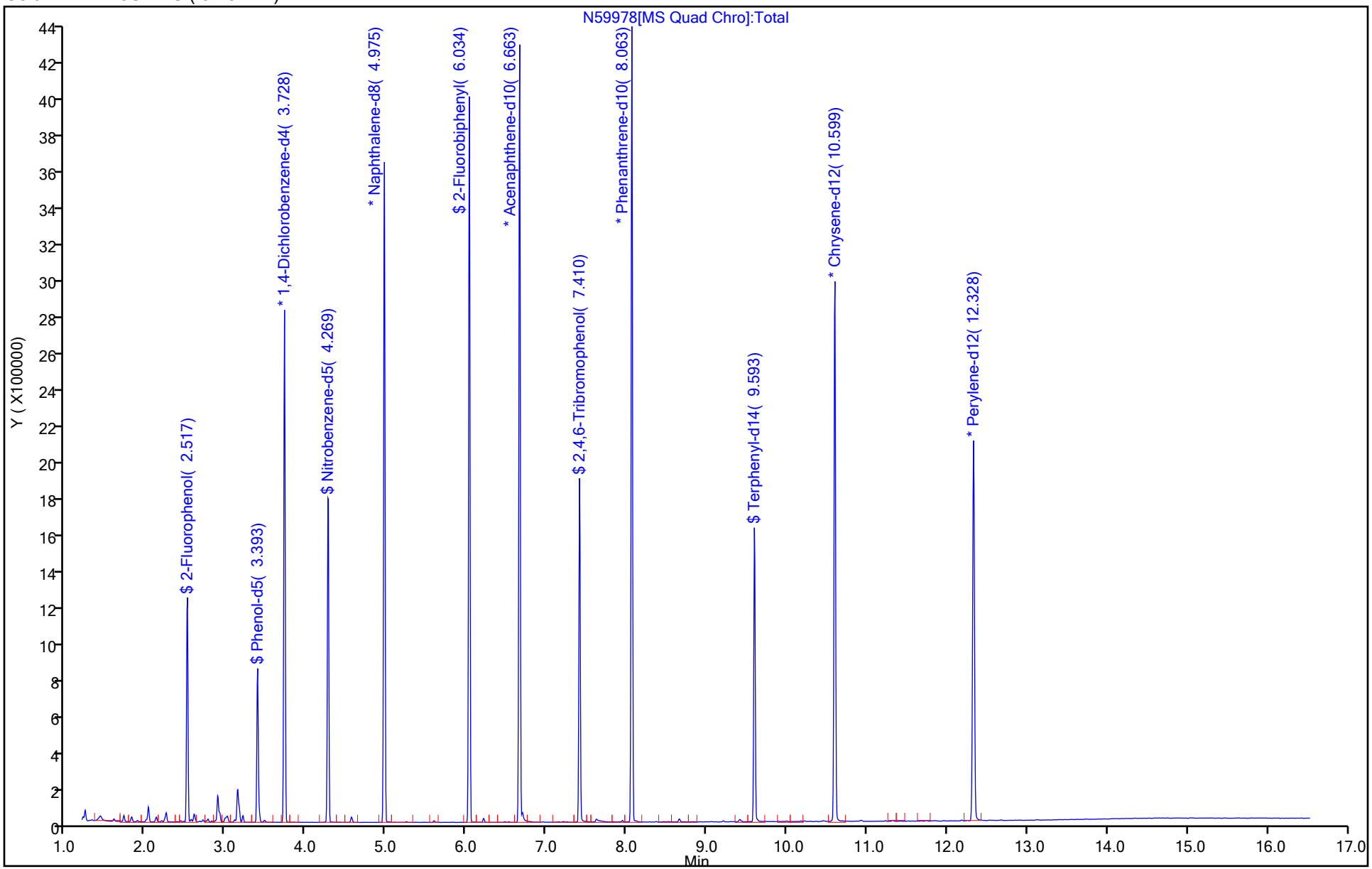
Report Date: 15-Aug-2025 05:13:57 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | Worklist Smp#: | 30 |
| Client ID: | HHMW-05S2-R | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 30 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d
Lims ID: 460-332739-E-5-A
Client ID: HHMW-05S2-R
Sample Type: Client
Inject. Date: 15-Aug-2025 03:21:52 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-030
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 05:13:57 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 05:13:57

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.63 | 46.30 |
| $ 6 Phenol-d5 | 10.0 | 3.09 | 30.92 |
| $ 27 Nitrobenzene-d5 | 10.0 | 7.17 | 71.71 |
| $ 51 2-Fluorobiphenyl | 10.0 | 6.69 | 66.91 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 6.80 | 67.96 |
| $ 96 Terphenyl-d14 | 10.0 | 2.79 | 27.86 |

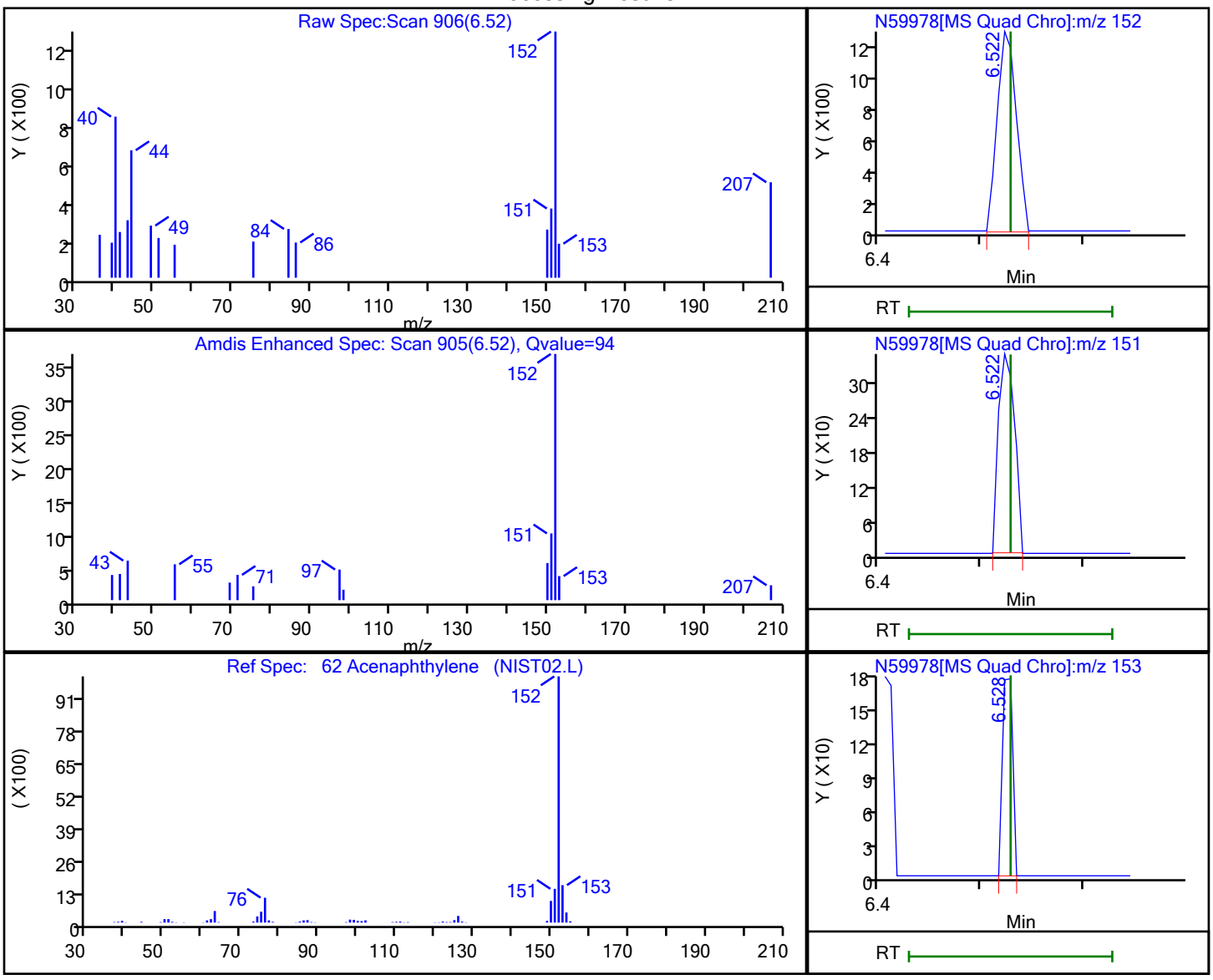
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d | | | | |
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 30 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.52 | 152.00 | 1611 | 0.005469 |
| 6.52 | 151.00 | 386 | |
| 6.53 | 153.00 | 121 | |

Reviewer: G4KC, 15-Aug-2025 05:13:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

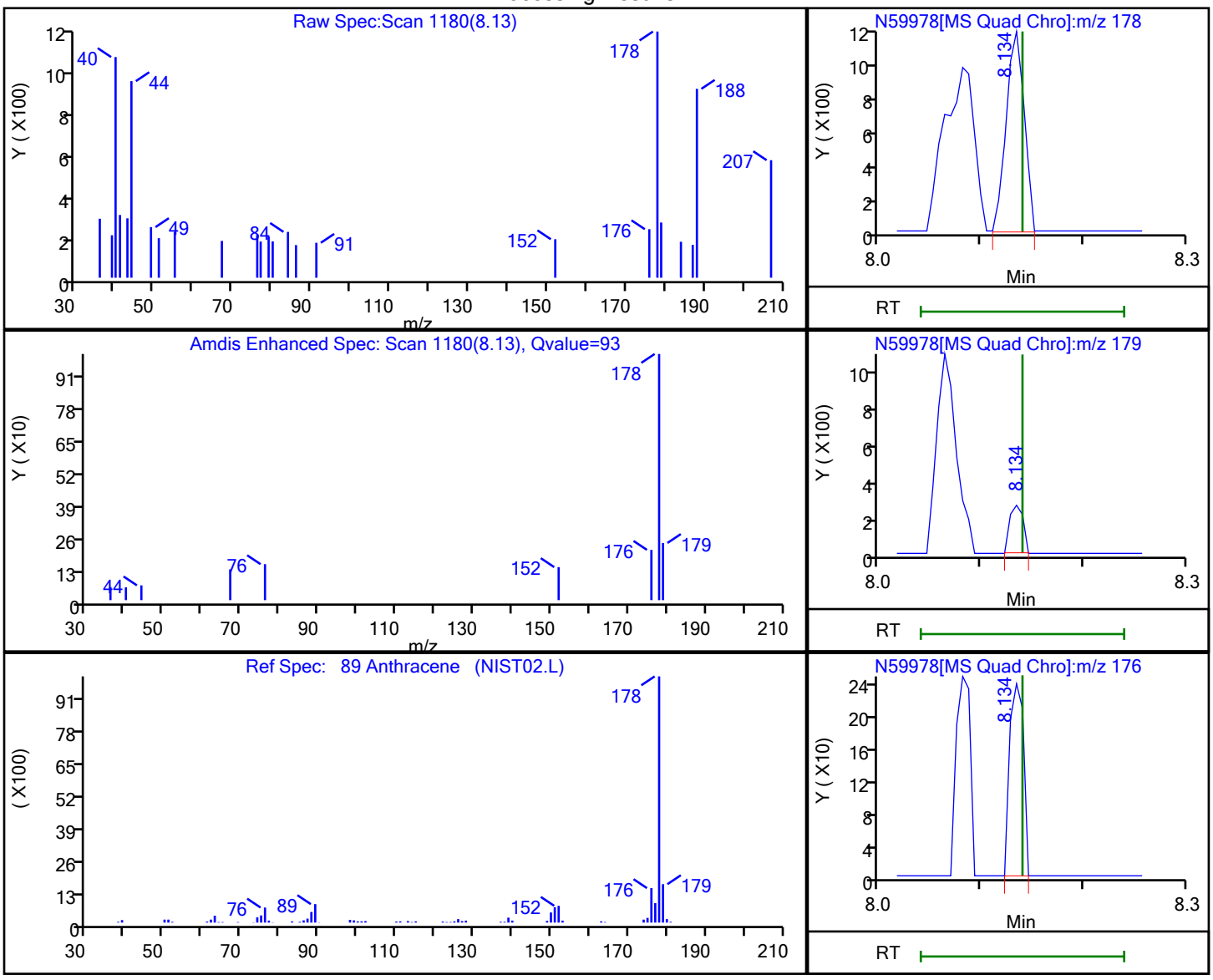
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d | | | | |
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 30 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.13 | 178.00 | 1448 | 0.005157 |
| 8.13 | 179.00 | 244 | |
| 8.13 | 176.00 | 220 | |

Reviewer: G4KC, 15-Aug-2025 05:13:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

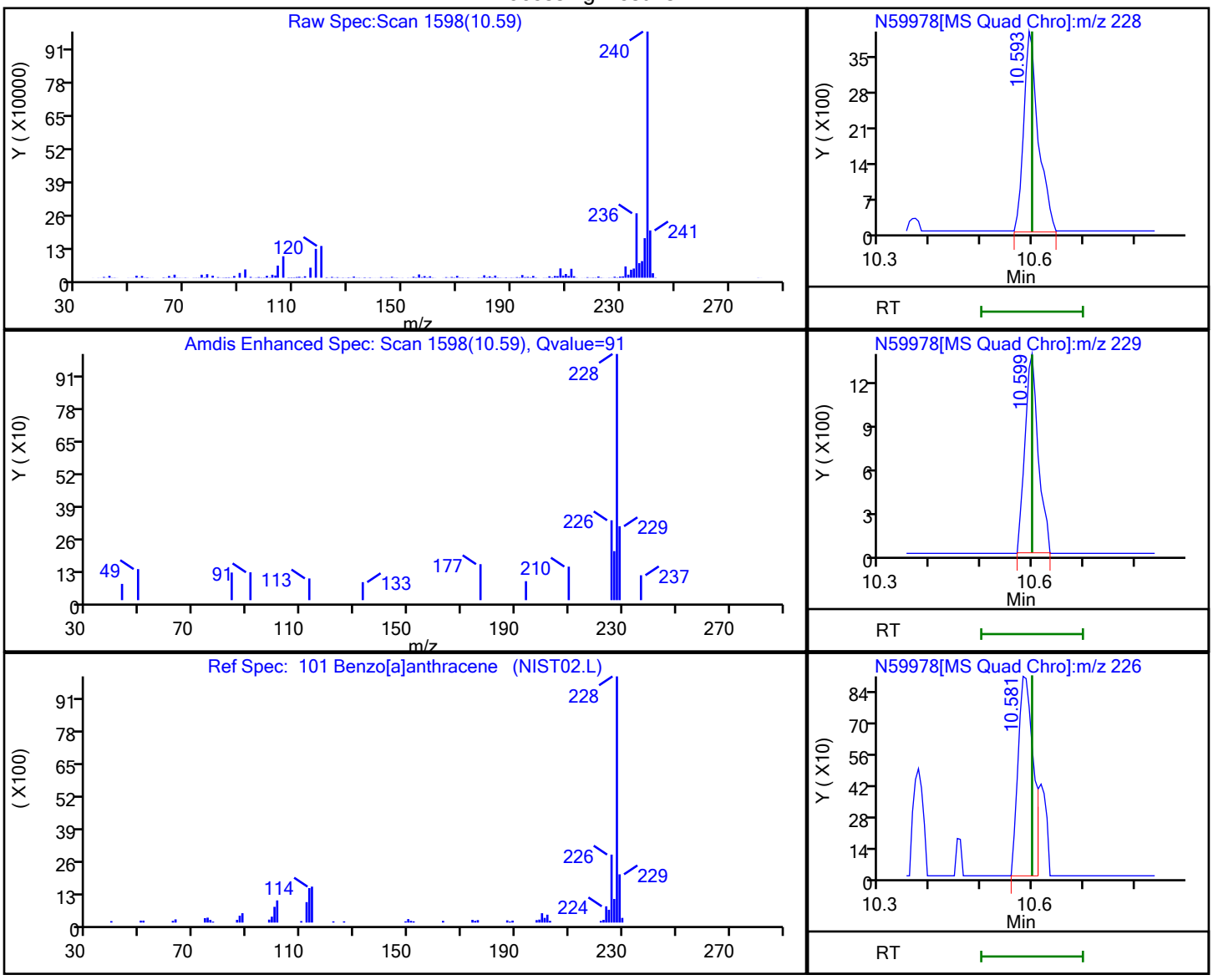
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d | | | | |
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 30 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.59 | 228.00 | 7789 | 0.016739 |
| 10.60 | 229.00 | 2427 | |
| 10.58 | 226.00 | 1877 | |

Reviewer: G4KC, 15-Aug-2025 05:13:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

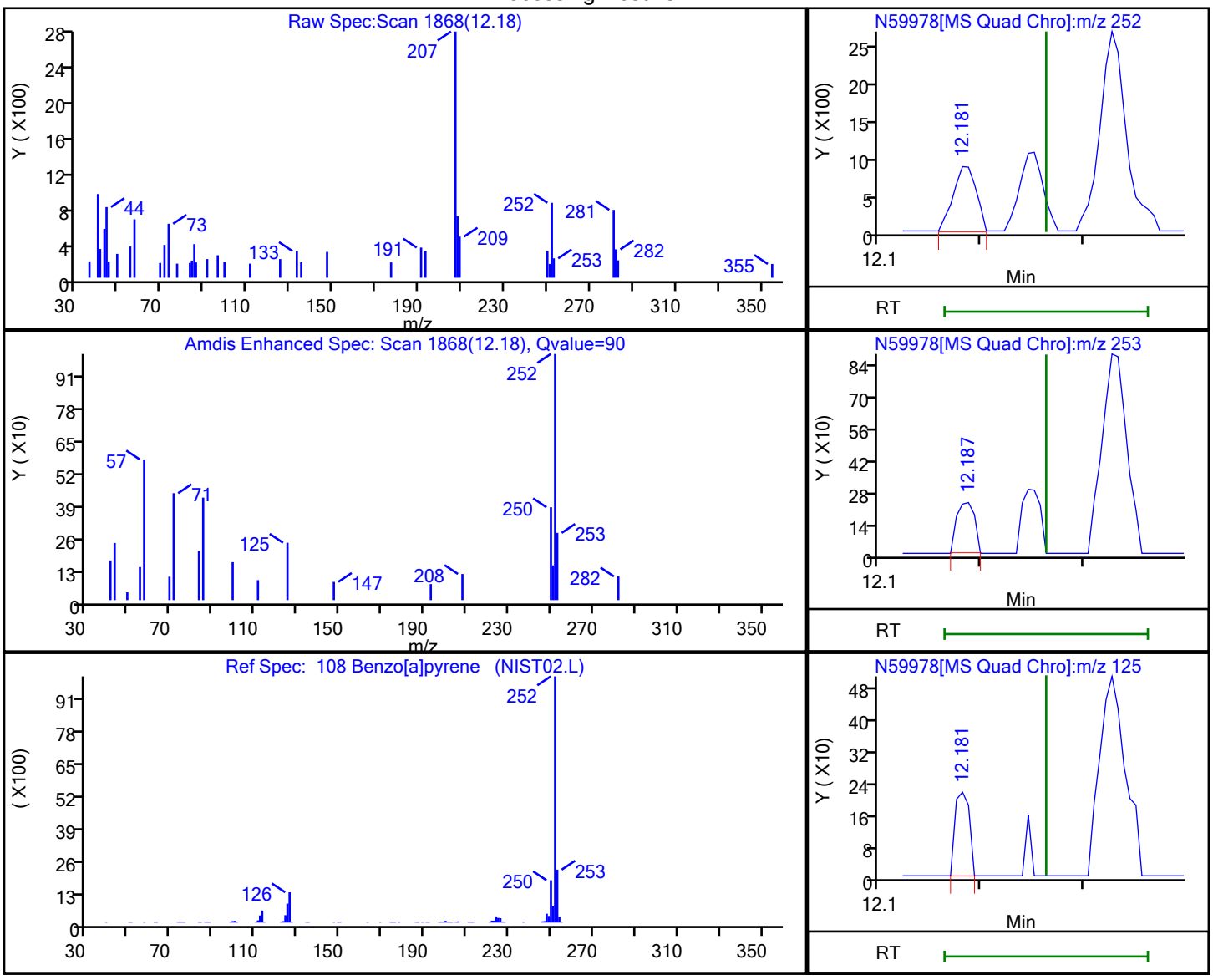
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d | | | | |
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 30 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.18 | 252.00 | 1332 | 0.008330 |
| 12.19 | 253.00 | 277 | |
| 12.18 | 125.00 | 205 | |

Reviewer: G4KC, 15-Aug-2025 05:13:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

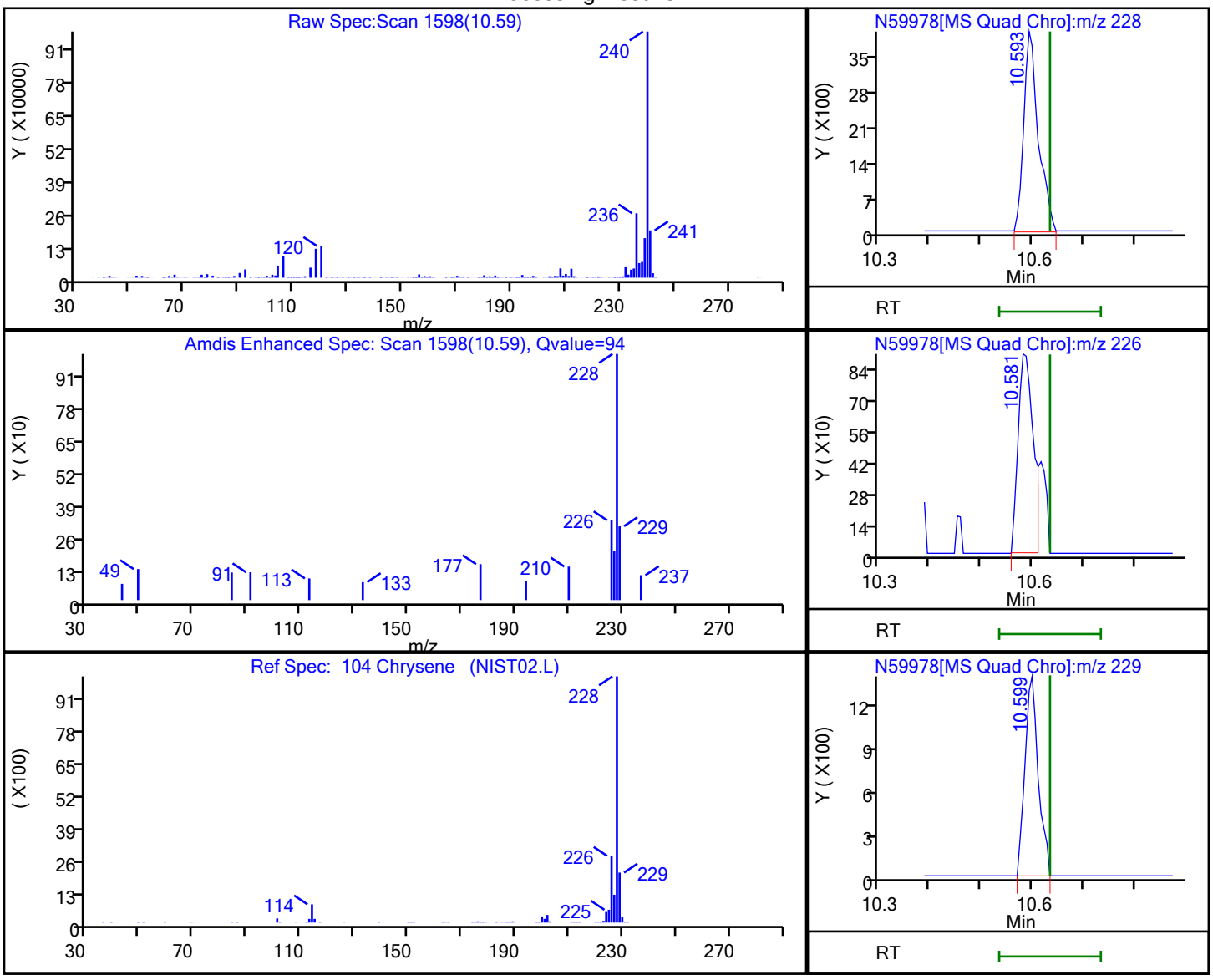
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d | | | | |
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 30 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.59 | 228.00 | 7789 | 0.034844 |
| 10.58 | 226.00 | 1877 | |
| 10.60 | 229.00 | 2427 | |

Reviewer: G4KC, 15-Aug-2025 05:13:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

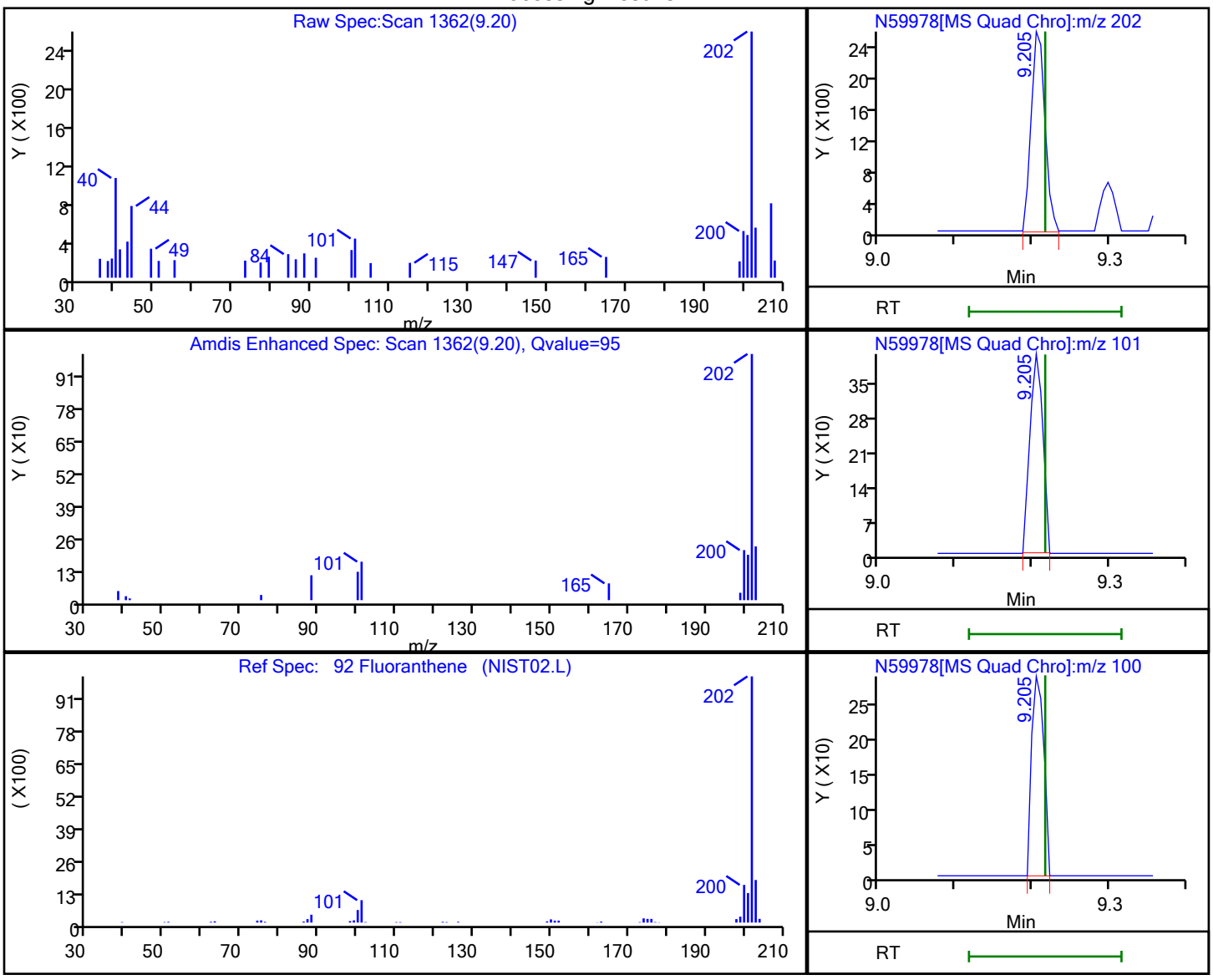
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d | | | | |
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 30 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 92 Fluoranthene, CAS: 206-44-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.20 | 202.00 | 3237 | 0.013359 |
| 9.20 | 101.00 | 483 | |
| 9.20 | 100.00 | 321 | |

Reviewer: G4KC, 15-Aug-2025 05:13:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

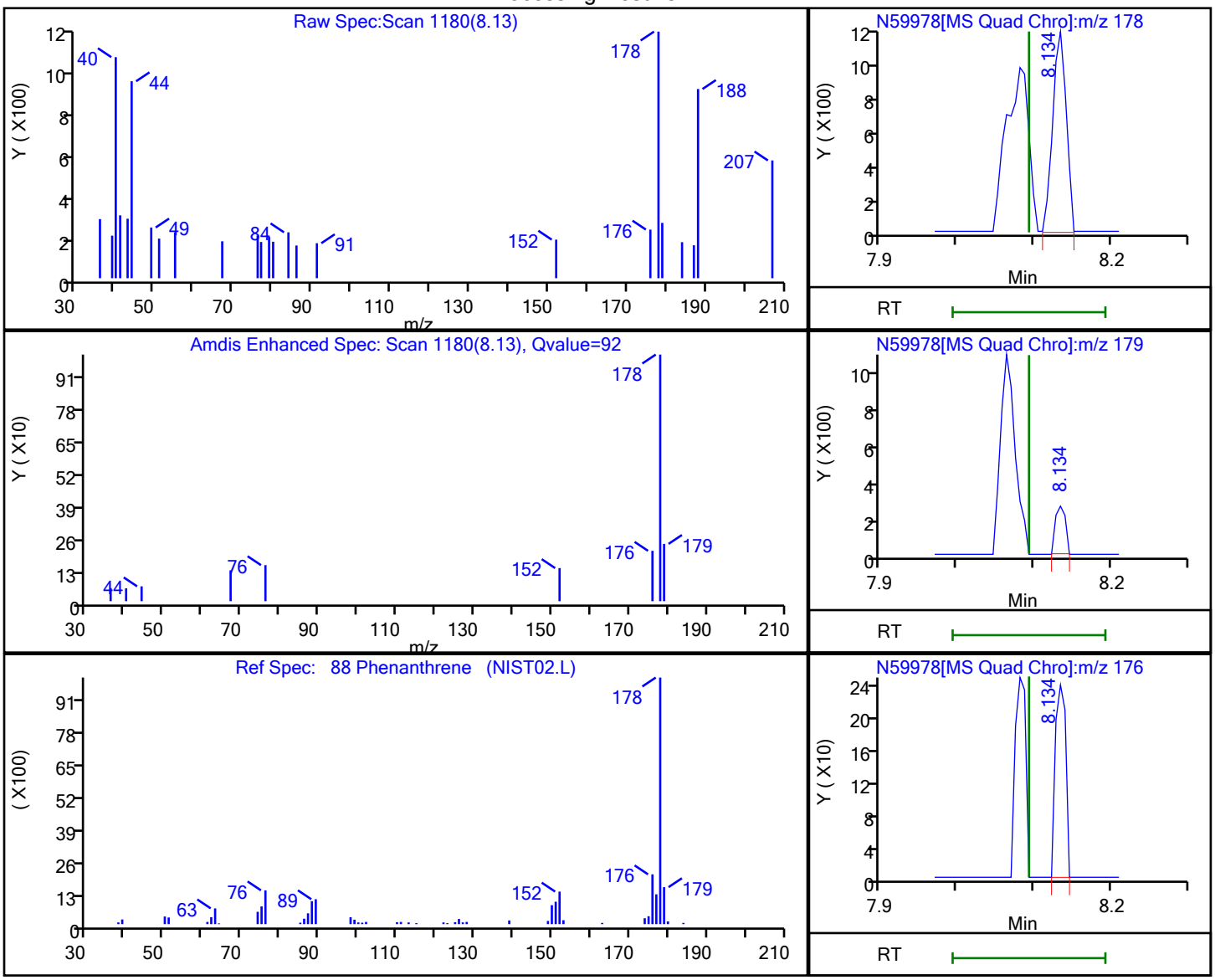
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d | | | | |
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 30 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 88 Phenanthrene, CAS: 85-01-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.13 | 178.00 | 1448 | 0.005186 |
| 8.13 | 179.00 | 244 | |
| 8.13 | 176.00 | 220 | |

Reviewer: G4KC, 15-Aug-2025 05:13:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

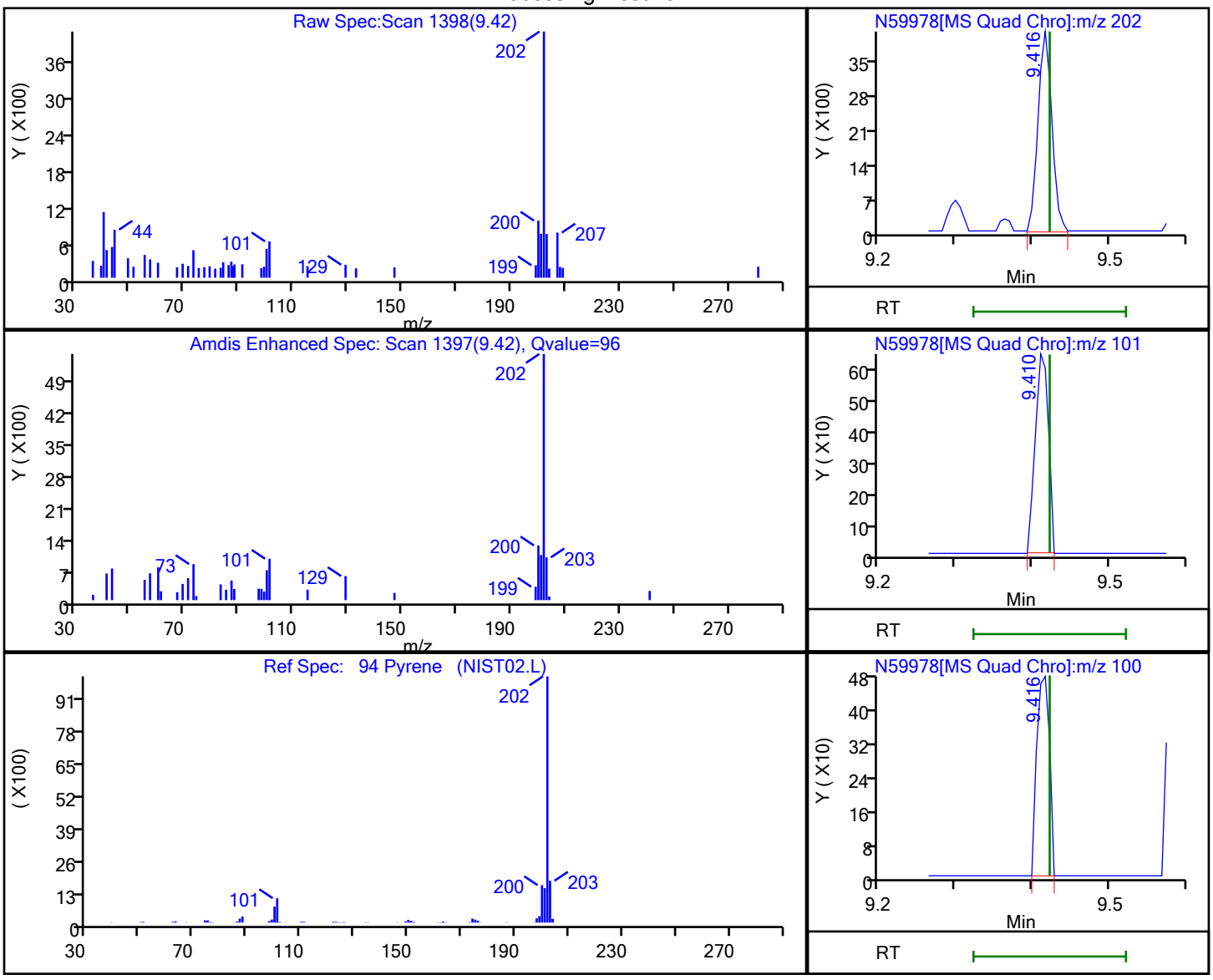
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59978.d | | | | |
| Injection Date: | 15-Aug-2025 03:21:52 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-332739-E-5-A | Lab Sample ID: | 460-332739-5 | | |
| Client ID: | HHMW-05S2-R | | | | |
| Operator ID: | | ALS Bottle#: | 30 | Worklist Smp#: | 30 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 94 Pyrene, CAS: 129-00-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.42 | 202.00 | 5134 | 0.016698 |
| 9.41 | 101.00 | 777 | |
| 9.42 | 100.00 | 551 | |

Reviewer: G4KC, 15-Aug-2025 05:13:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: MW-03 | Lab Sample ID: 460-332739-6

Matrix: Water | Lab File ID: P94280.D

Analysis Method: 8270E | Date Collected: 08/12/2025 12:05

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 22:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 6.5 | J | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 1.5 | J | 10 | 0.84 |
| 86-73-7 | Fluorene | 1.2 | J | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 3.3 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 1.9 | J | 10 | 1.3 |
| 129-00-0 | Pyrene | 2.1 | J | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 67 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 68 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 39 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D
Lims ID: 460-332739-E-6-A
Client ID: MW-03
Sample Type: Client
Inject. Date: 14-Aug-2025 22:04:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-017
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:53:07 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:53:07

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.468 | 4.469 | -0.001 | 98 | 456385 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.988 | 4.993 | -0.005 | 89 | 702525 | 6.80 | |
| * 38 Naphthalene-d8 | 136 | 5.675 | 5.680 | -0.005 | 99 | 1804372 | 8.00 | |
| 39 Naphthalene | 128 | 5.694 | 5.699 | -0.005 | 99 | 100100 | 0.4108 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.706 | 6.709 | -0.003 | 97 | 1211653 | 6.70 | |
| * 64 Acenaphthene-d10 | 164 | 7.343 | 7.346 | -0.003 | 96 | 923839 | 8.00 | |
| 65 Acenaphthene | 154 | 7.372 | 7.378 | -0.006 | 96 | 111371 | 0.8137 | |
| 73 Fluorene | 166 | 7.858 | 7.864 | -0.009 | 91 | 23370 | 0.1451 | |
| * 88 Phenanthrene-d10 | 188 | 8.748 | 8.750 | -0.002 | 99 | 1508909 | 8.00 | |
| 89 Phenanthrene | 178 | 8.767 | 8.776 | -0.009 | 98 | 50230 | 0.2406 | |
| 93 Fluoranthene | 202 | 9.892 | 9.901 | -0.009 | 96 | 35616 | 0.1878 | |
| 95 Pyrene | 202 | 10.107 | 10.115 | -0.008 | 96 | 52528 | 0.2666 | |
| $ 97 Terphenyl-d14 | 244 | 10.267 | 10.275 | -0.008 | 98 | 624792 | 3.90 | |
| * 103 Chrysene-d12 | 240 | 11.389 | 11.397 | -0.008 | 99 | 911312 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.304 | 13.311 | -0.007 | 98 | 838226 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

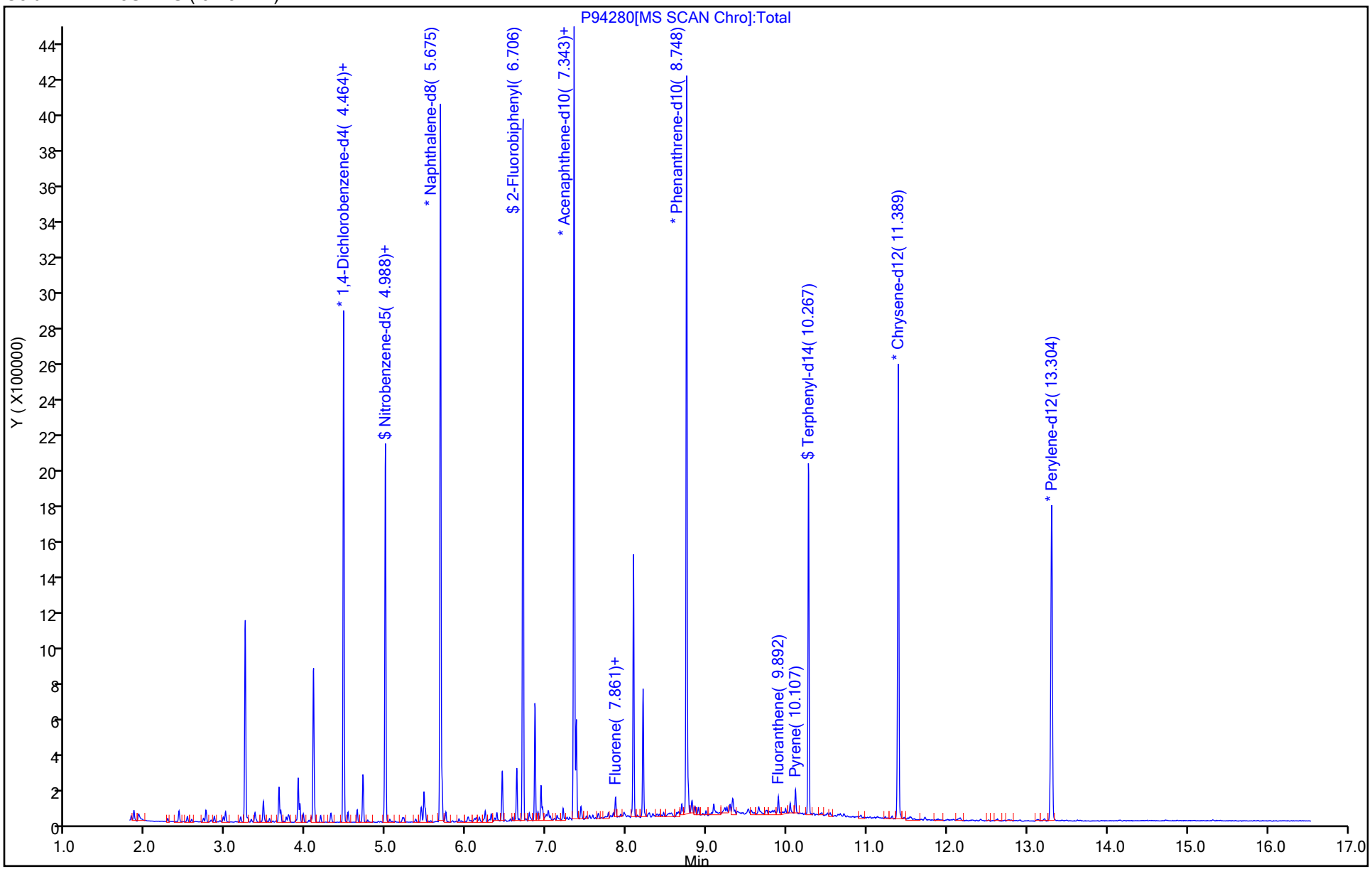
Report Date: 15-Aug-2025 03:53:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | Worklist Smp#: | 17 |
| Client ID: | MW-03 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D
Lims ID: 460-332739-E-6-A
Client ID: MW-03
Sample Type: Client
Inject. Date: 14-Aug-2025 22:04:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-017
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:53:07 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:53:07

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 6.80 | 68.03 |
| $ 53 2-Fluorobiphenyl | 10.0 | 6.70 | 66.97 |
| $ 97 Terphenyl-d14 | 10.0 | 3.90 | 38.98 |

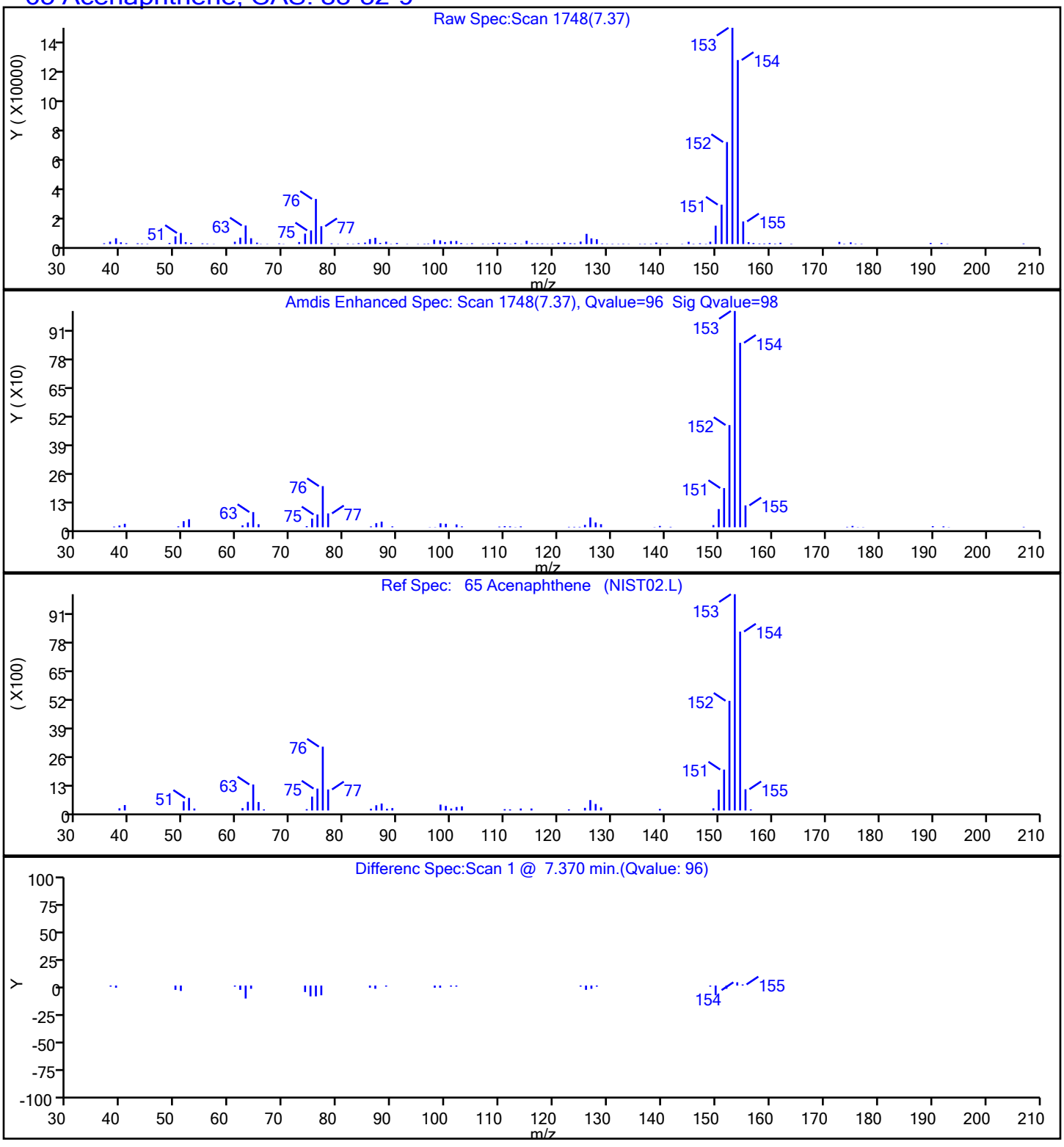
Report Date: 15-Aug-2025 03:53:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 65 Acenaphthene, CAS: 83-32-9



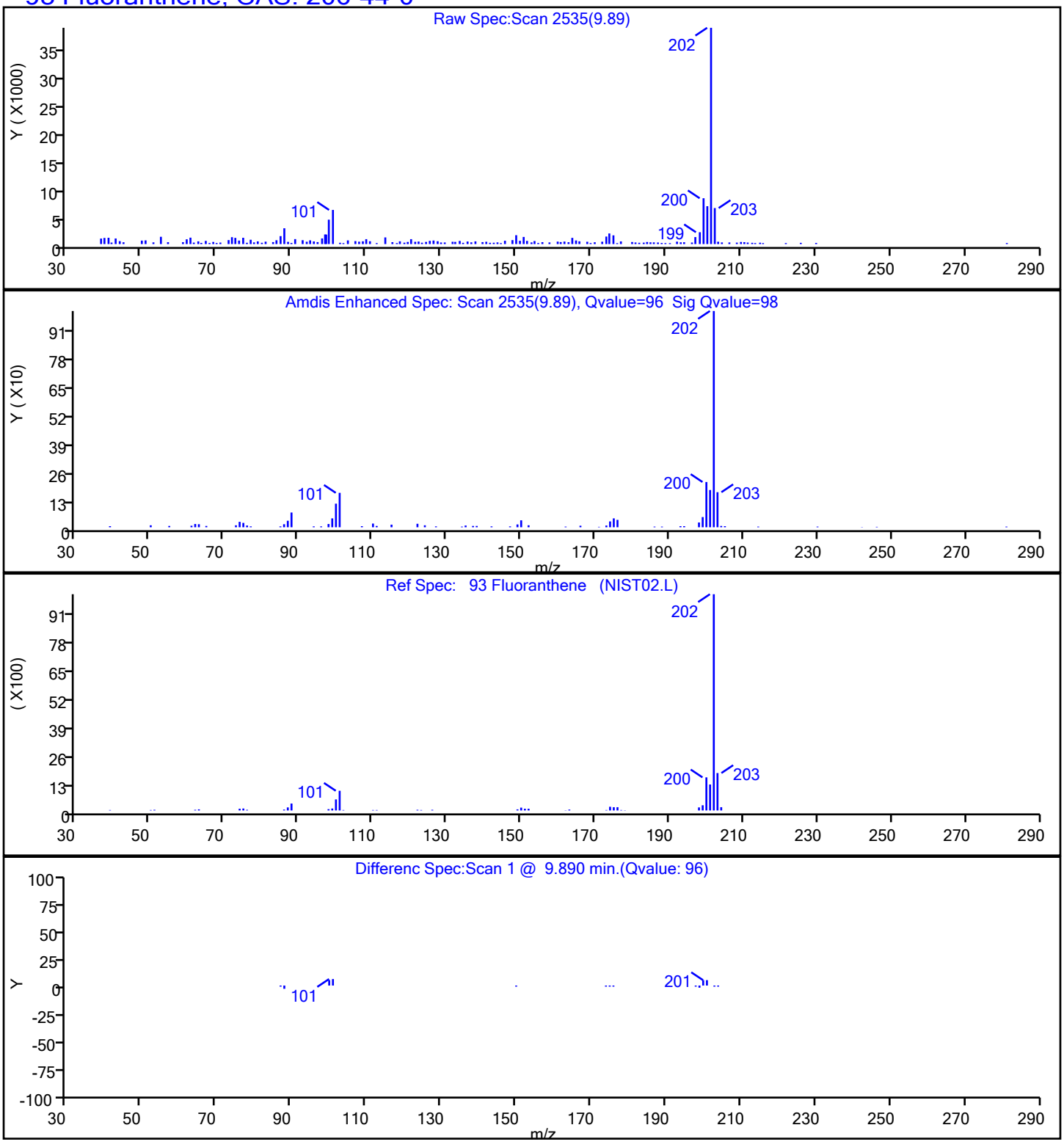
Report Date: 15-Aug-2025 03:53:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0



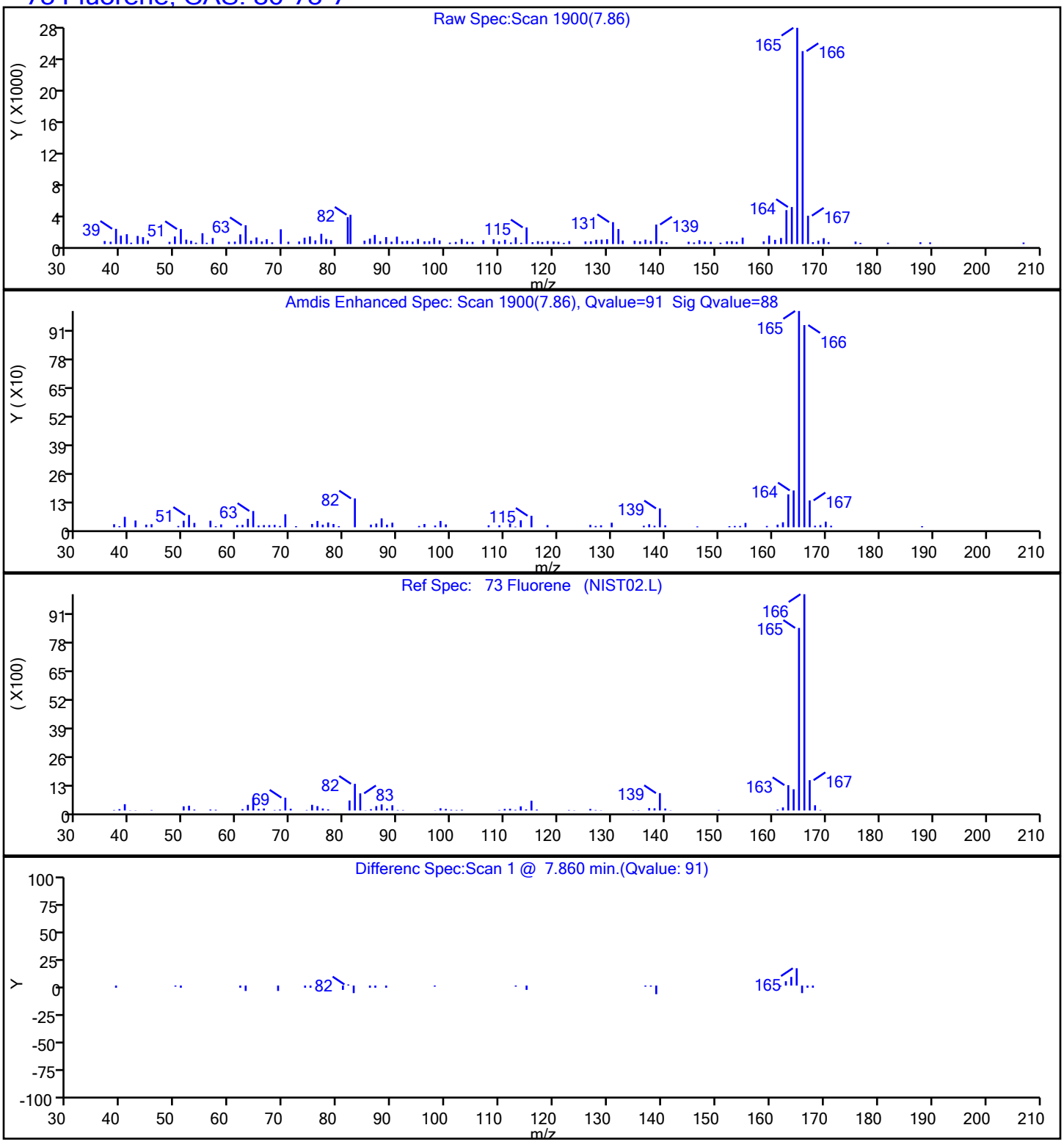
Report Date: 15-Aug-2025 03:53:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 73 Fluorene, CAS: 86-73-7



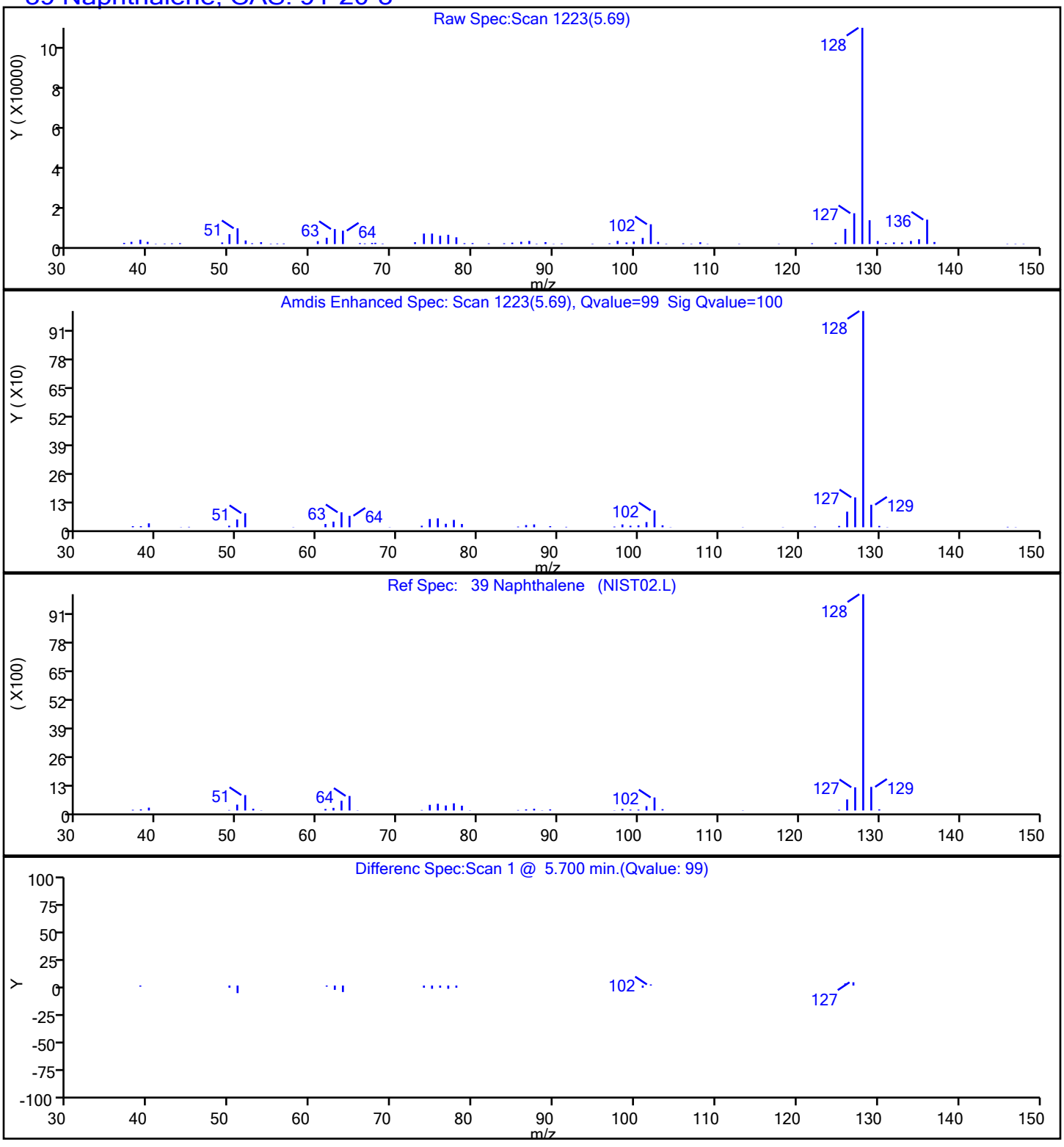
Report Date: 15-Aug-2025 03:53:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3



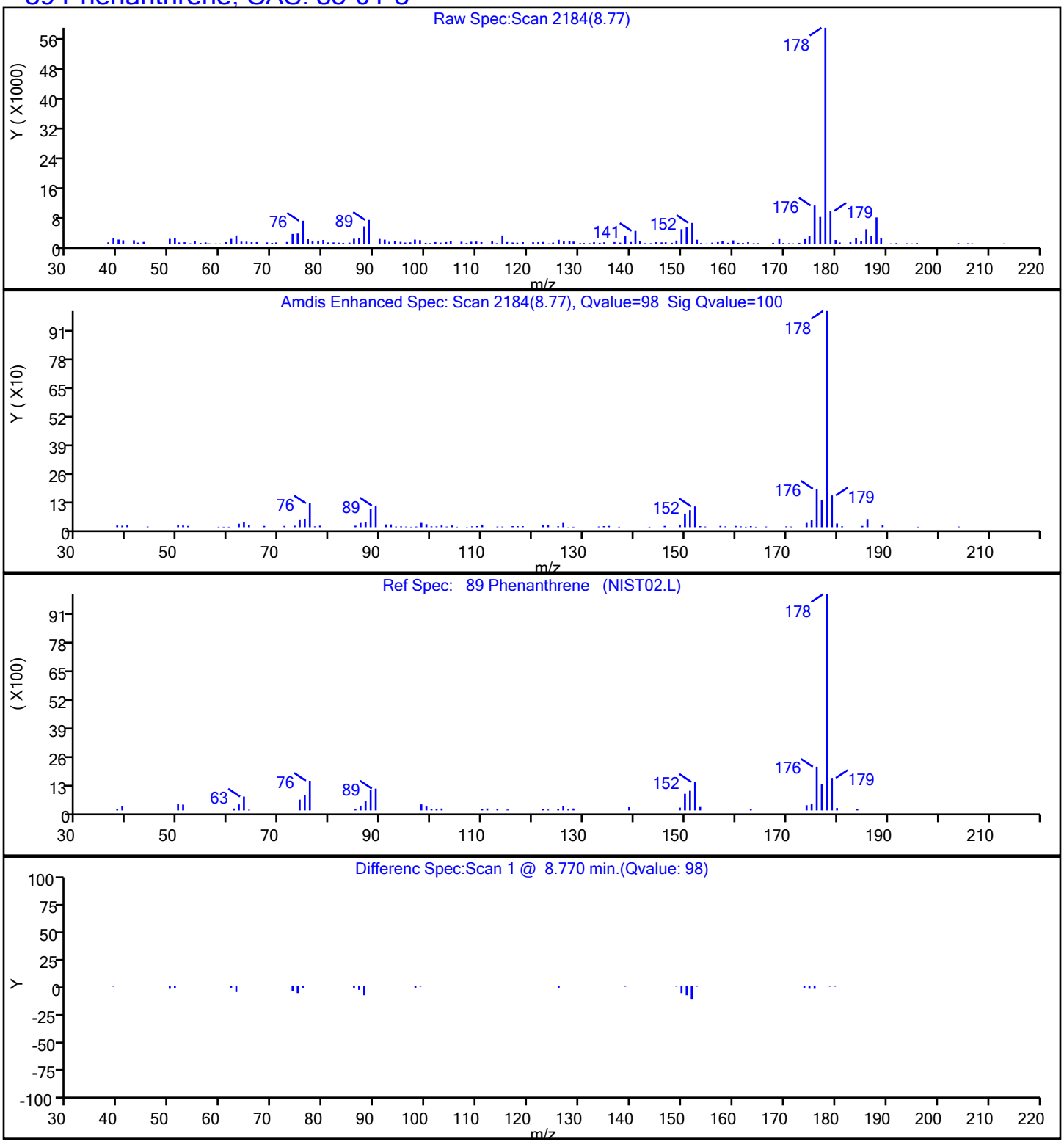
Report Date: 15-Aug-2025 03:53:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

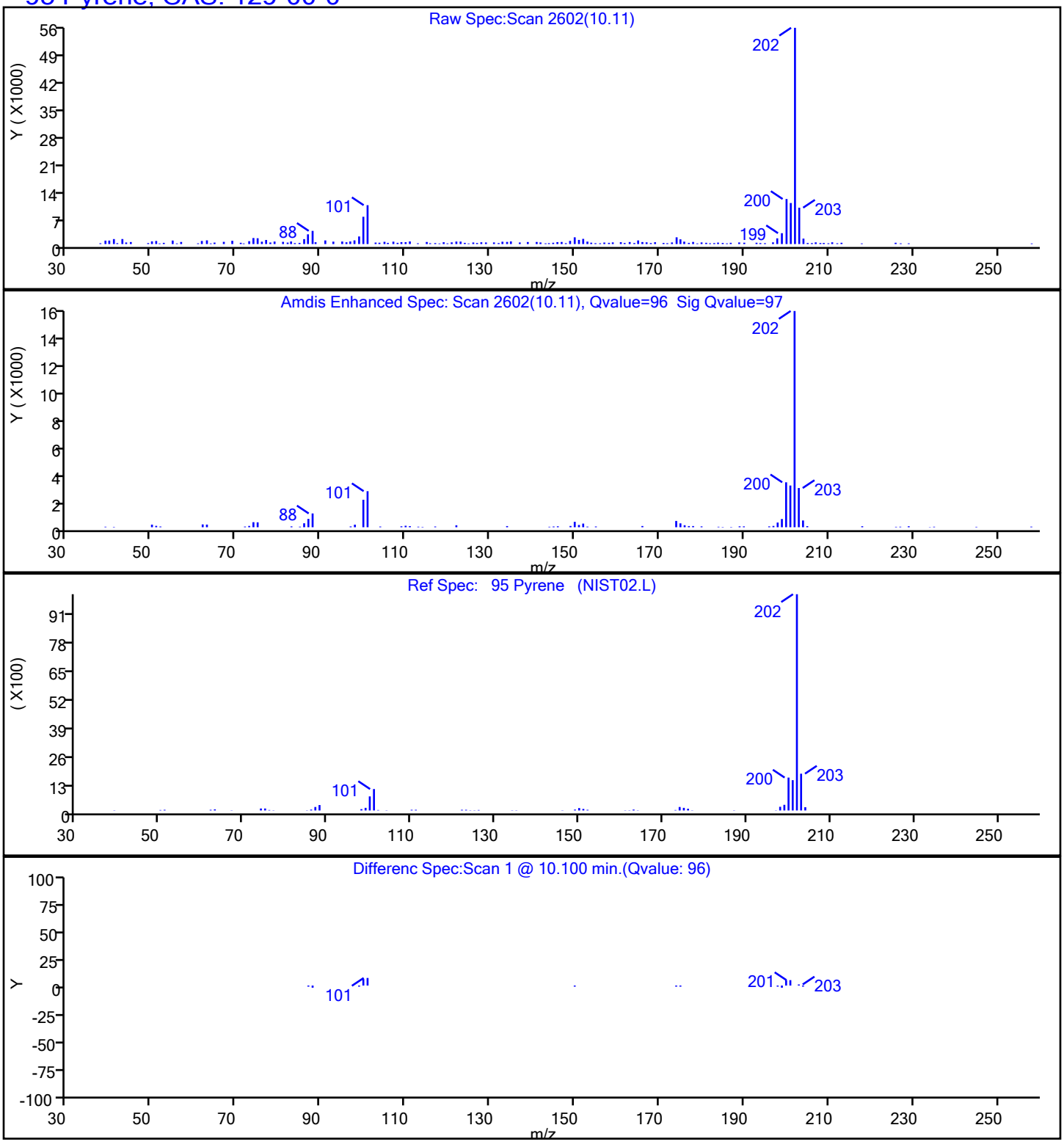
## 89 Phenanthrene, CAS: 85-01-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0



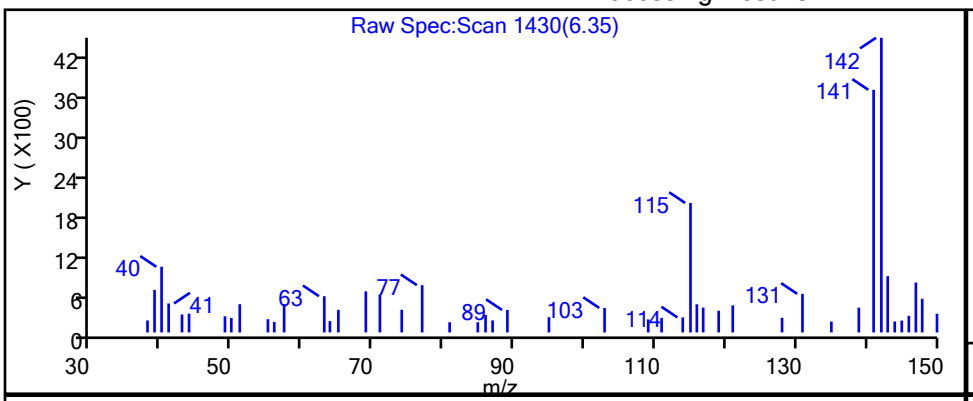
User Disabled Compound Report

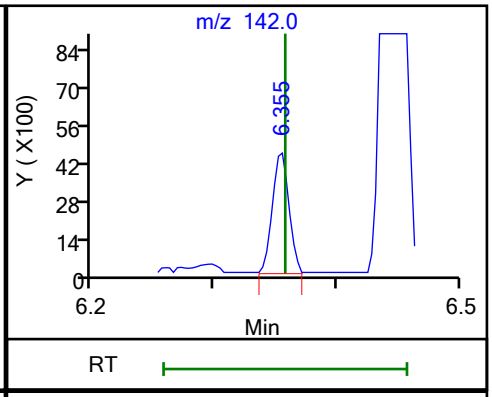
Eurofins Edison

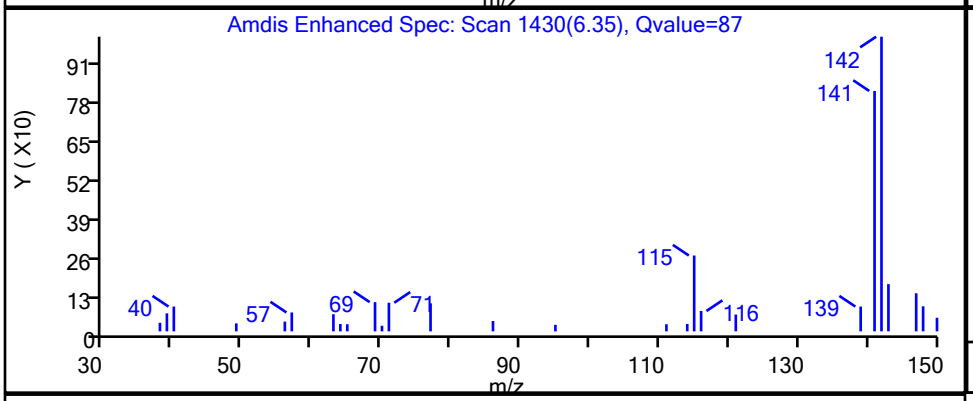
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

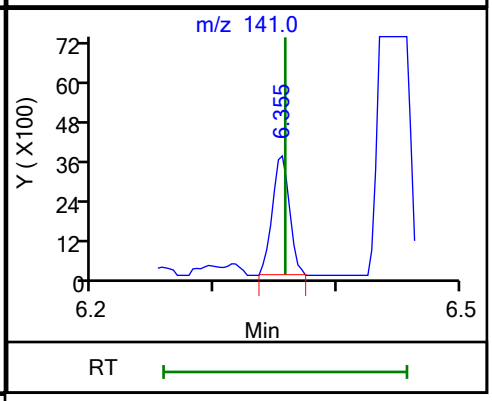
## 46 2-Methylnaphthalene, CAS: 91-57-6

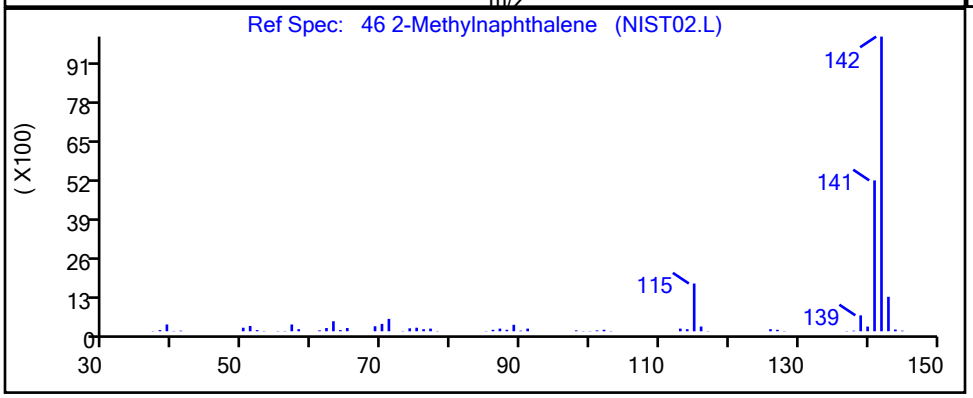
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.35 | 142.00 | 4232 | 0.029508 |
| 6.35 | 141.00 | 3637 | |

Reviewer: G4KC, 15-Aug-2025 03:52:51 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

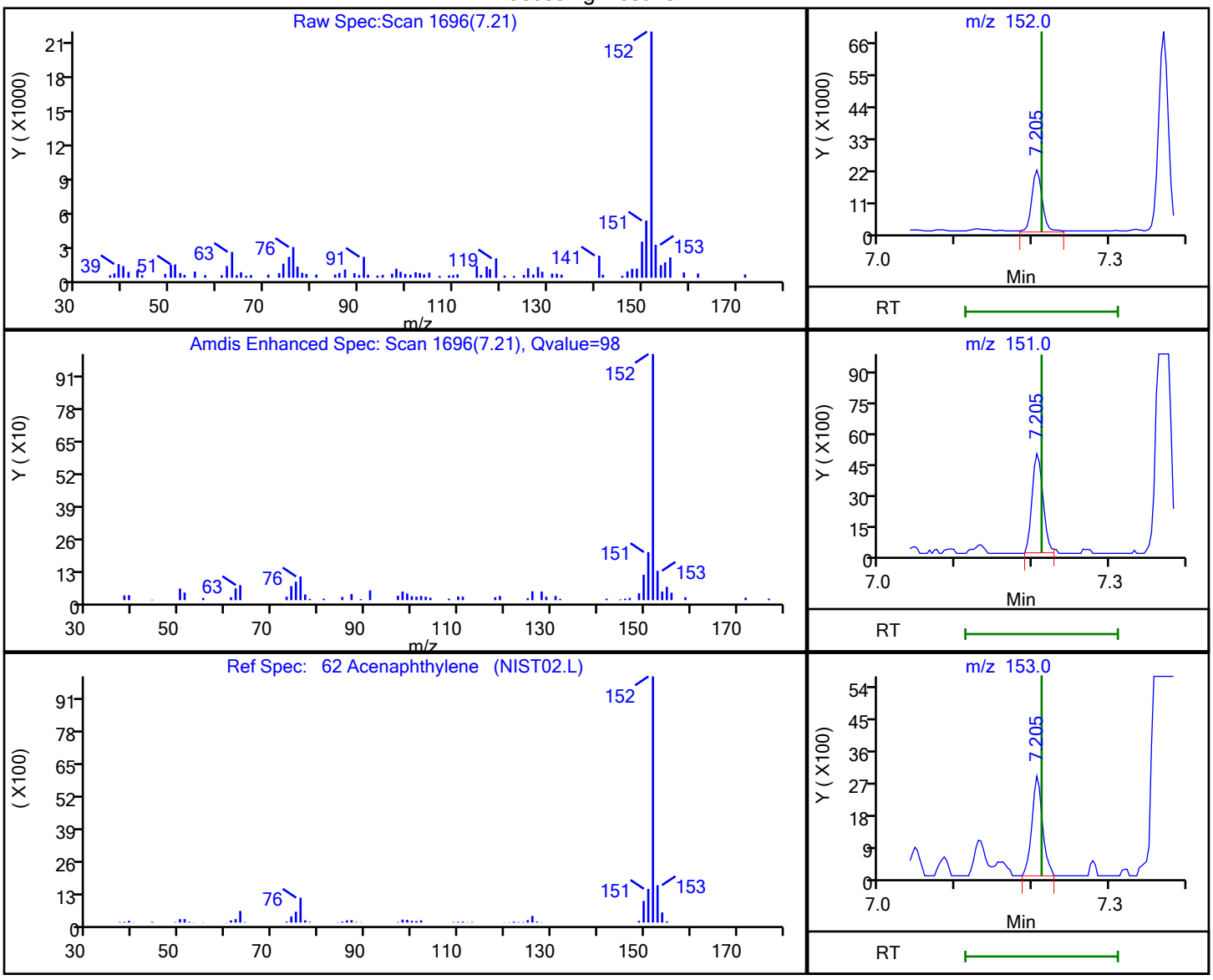
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.21 | 152.00 | 19656 | 0.083075 |
| 7.21 | 151.00 | 4957 | |
| 7.21 | 153.00 | 2749 | |

Reviewer: G4KC, 15-Aug-2025 03:52:53 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

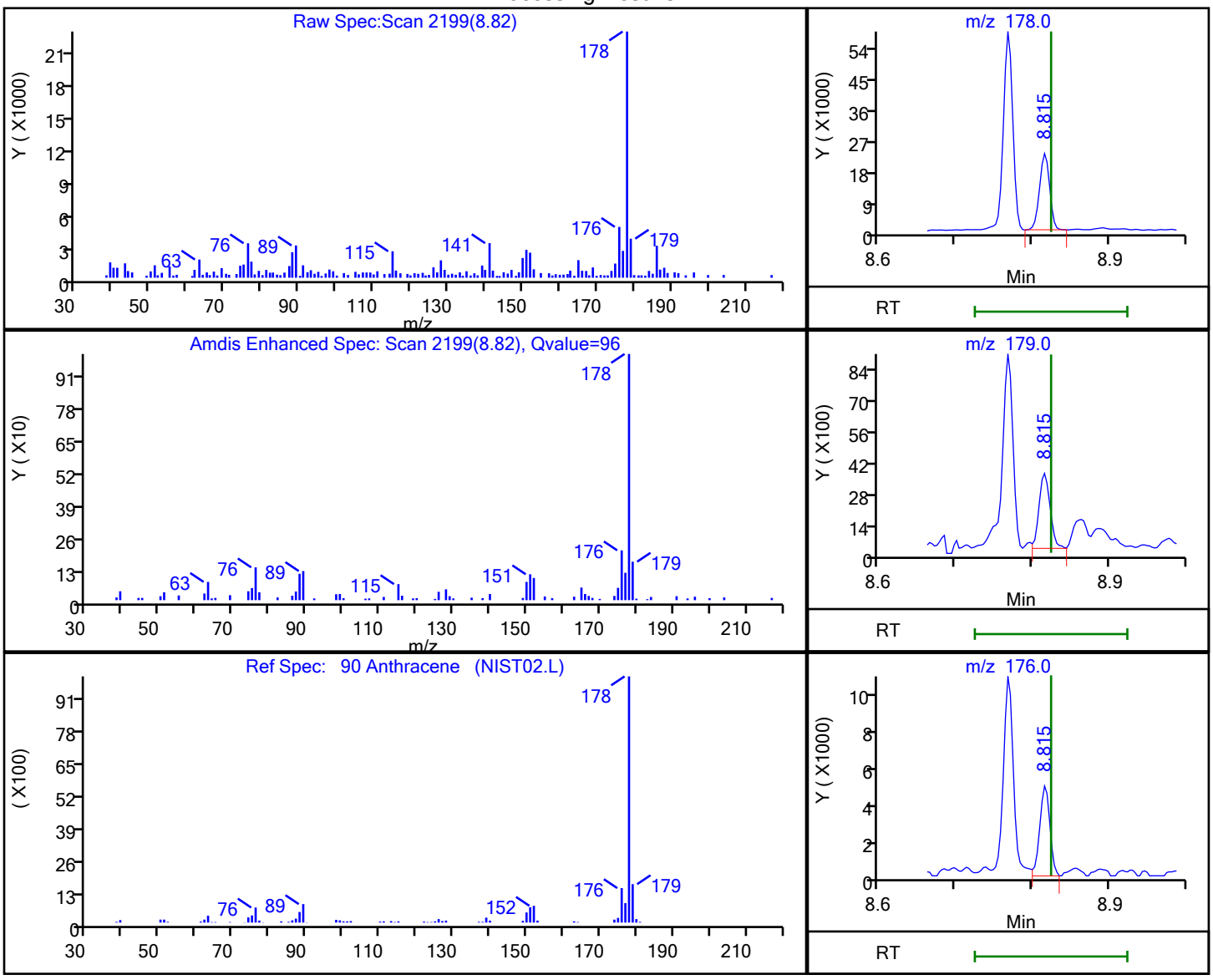
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.82 | 178.00 | 20815 | 0.097079 |
| 8.82 | 179.00 | 3380 | |
| 8.82 | 176.00 | 4357 | |

Reviewer: G4KC, 15-Aug-2025 03:52:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

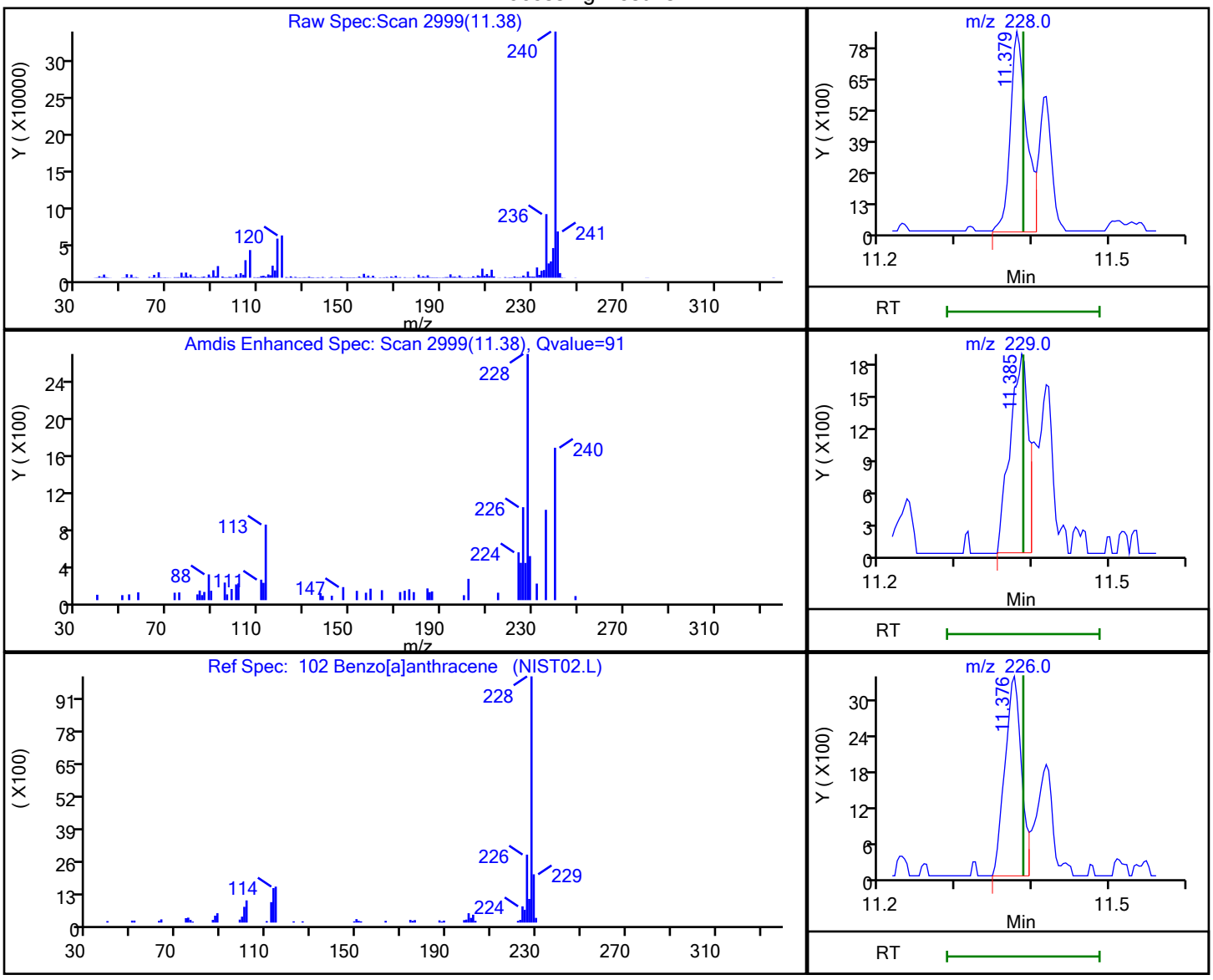
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.38 | 228.00 | 12529 | 0.062720 |
| 11.39 | 229.00 | 3056 | |
| 11.38 | 226.00 | 4980 | |

Reviewer: G4KC, 15-Aug-2025 03:53:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

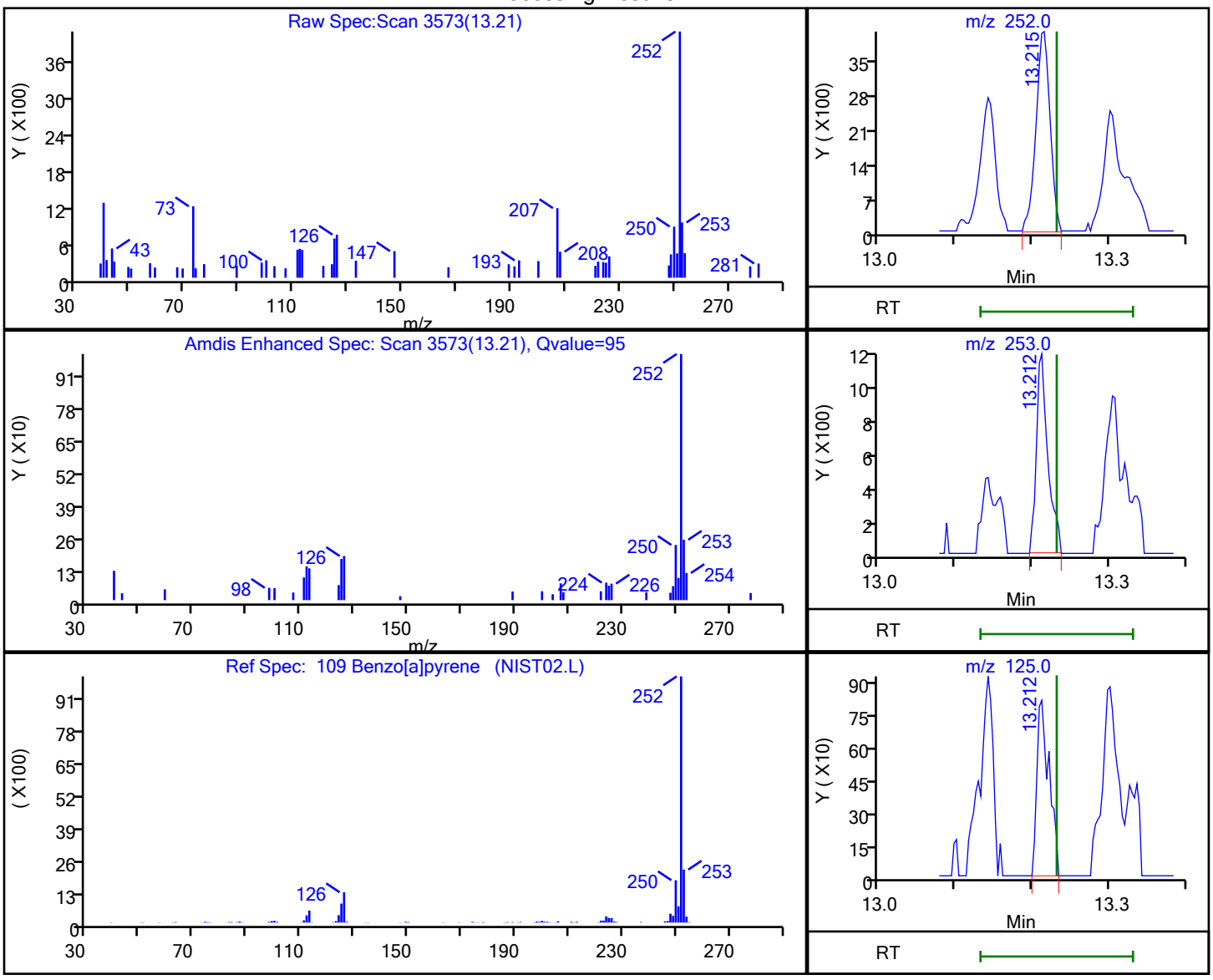
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.21 | 252.00 | 5182 | 0.045780 |
| 13.21 | 253.00 | 1246 | |
| 13.21 | 125.00 | 910 | |

Reviewer: G4KC, 15-Aug-2025 03:53:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

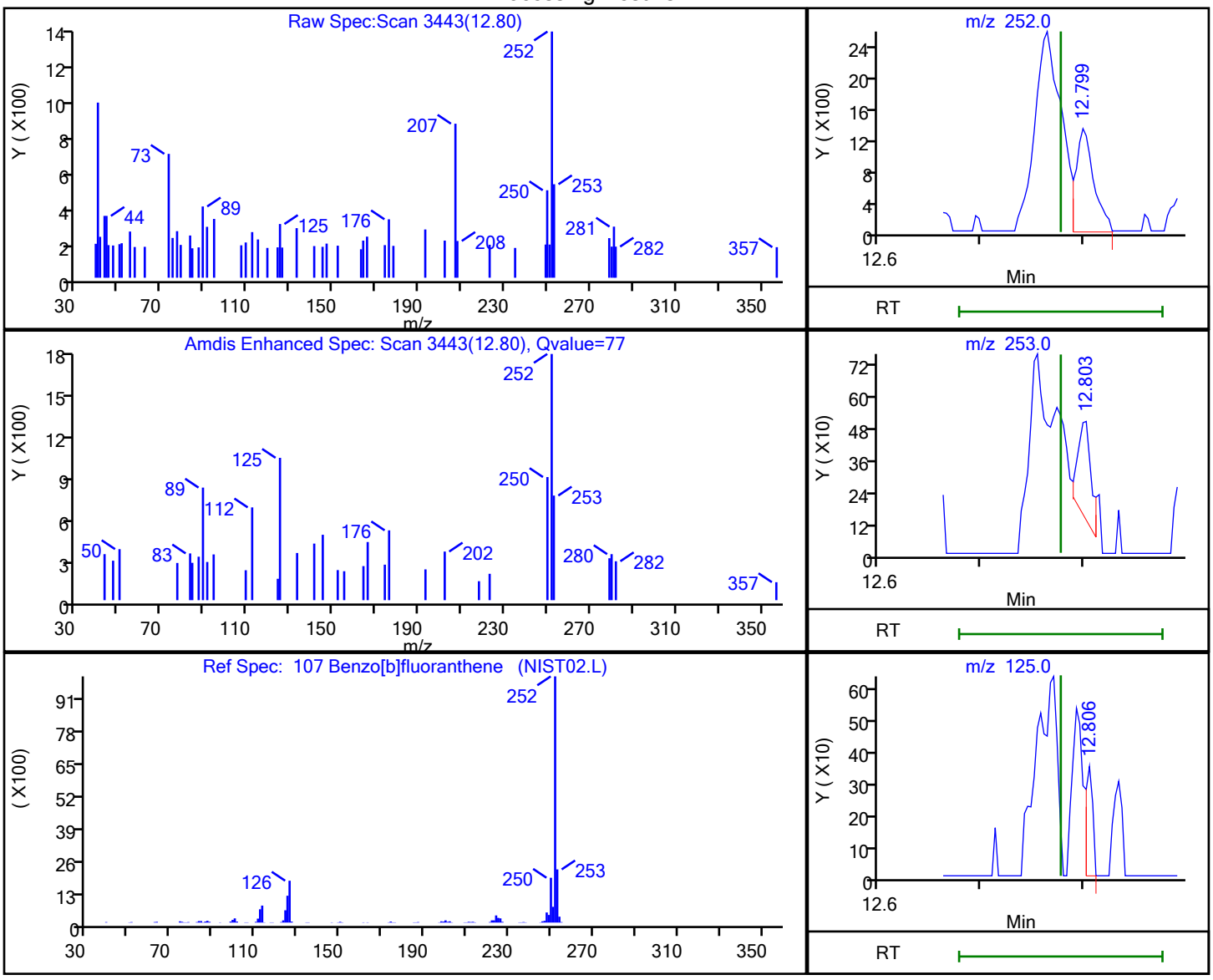
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[b]fluoranthene, CAS: 205-99-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.80 | 252.00 | 1582 | 0.012841 |
| 12.80 | 253.00 | 333 | |
| 12.81 | 125.00 | 162 | |

Reviewer: G4KC, 15-Aug-2025 03:53:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

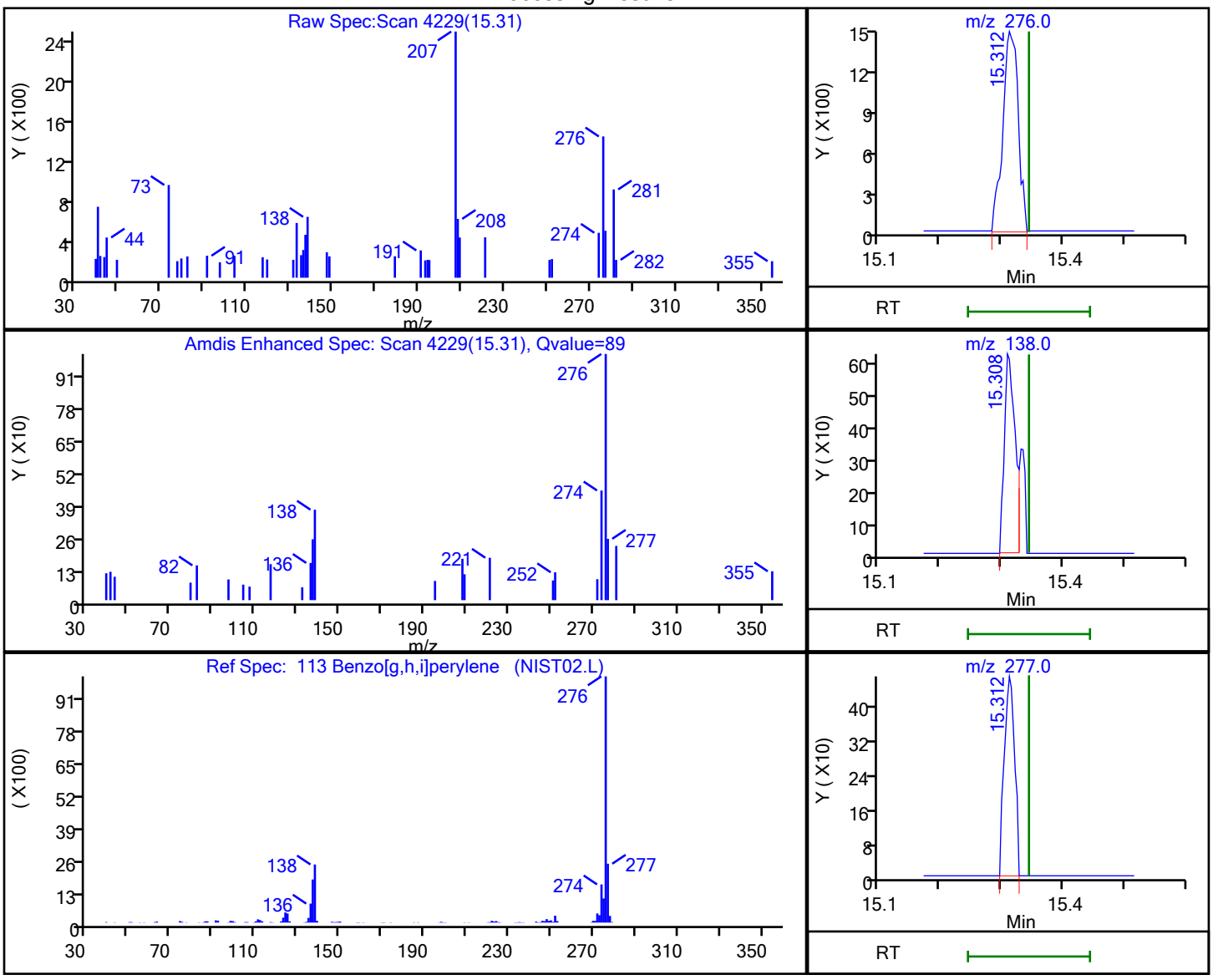
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 113 Benzo[g,h,i]perylene, CAS: 191-24-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.31 | 276.00 | 2450 | 0.023740 |
| 15.31 | 138.00 | 762 | |
| 15.31 | 277.00 | 548 | |

Reviewer: G4KC, 15-Aug-2025 03:53:05 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

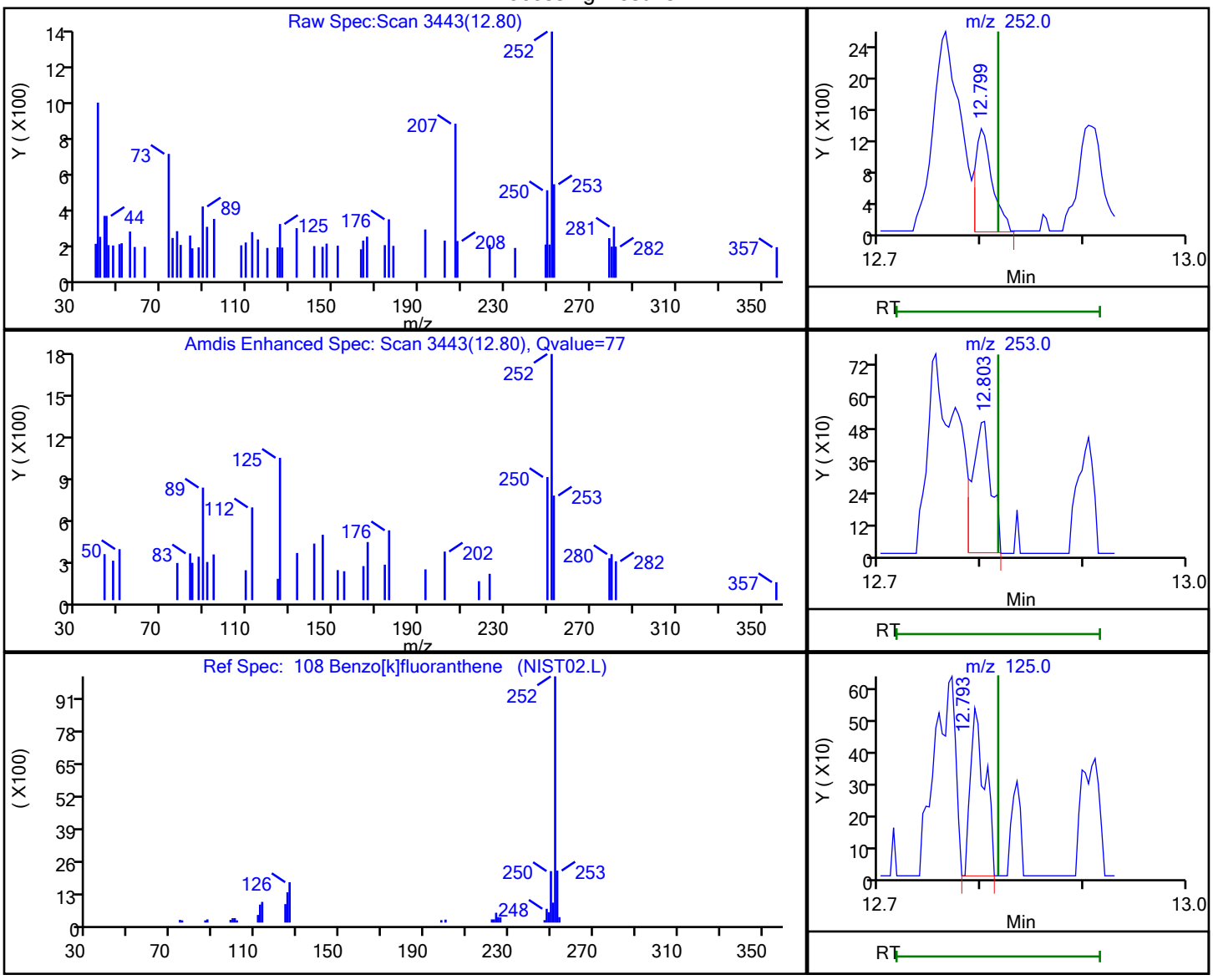
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[k]fluoranthene, CAS: 207-08-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.80 | 252.00 | 1458 | 0.011291 |
| 12.80 | 253.00 | 639 | |
| 12.79 | 125.00 | 523 | |

Reviewer: G4KC, 15-Aug-2025 03:53:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

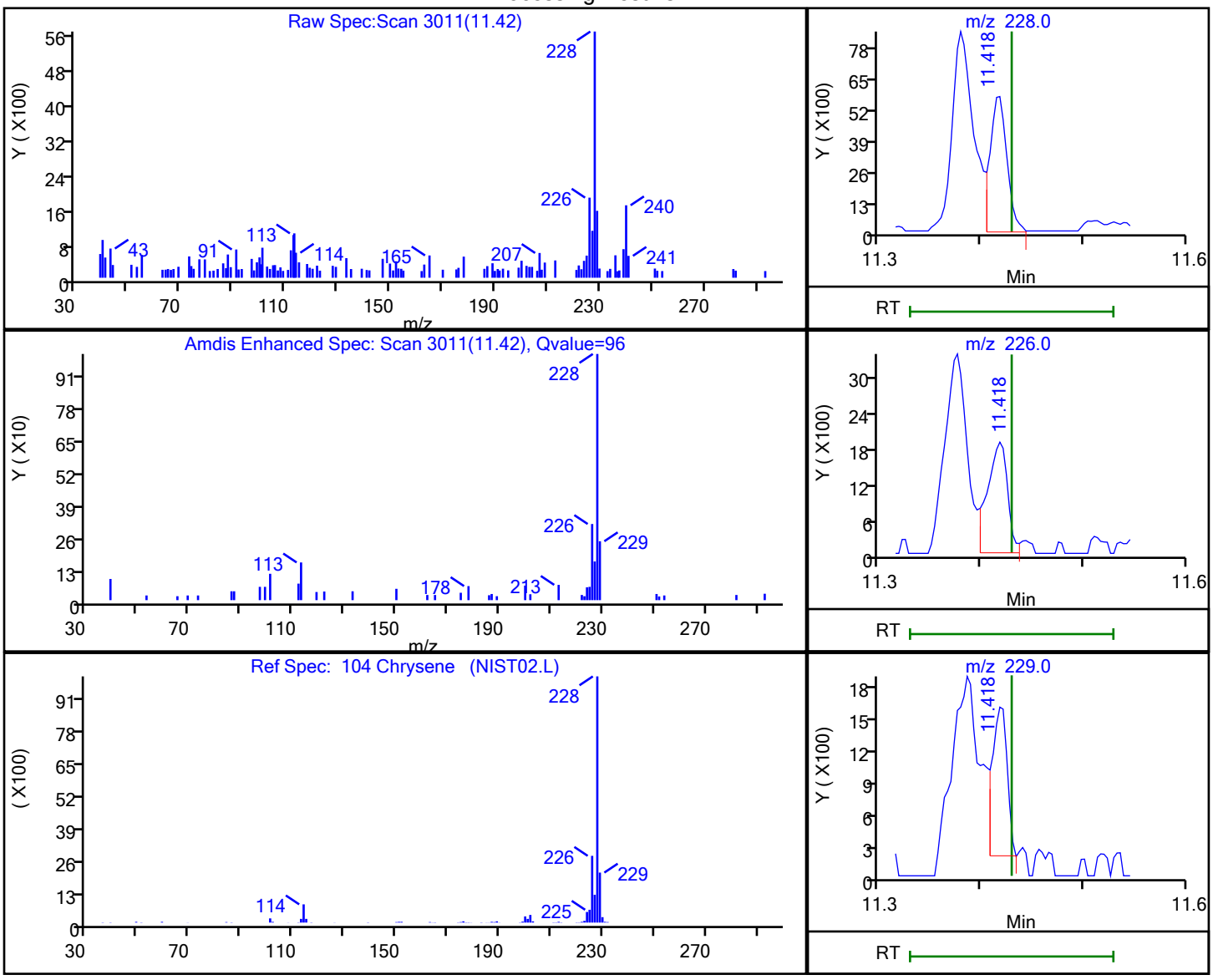
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94280.D | | | | |
| Injection Date: | 14-Aug-2025 22:04:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-6-A | Lab Sample ID: | 460-332739-6 | | |
| Client ID: | MW-03 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.42 | 228.00 | 6493 | 0.045292 |
| 11.42 | 226.00 | 2553 | |
| 11.42 | 229.00 | 1393 | |

Reviewer: G4KC, 15-Aug-2025 03:53:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-18S1 | Lab Sample ID: 460-332739-7

Matrix: Water | Lab File ID: P94281.D

Analysis Method: 8270E | Date Collected: 08/12/2025 12:05

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 22:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 1.6 | J | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 14 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 6.8 | J | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 4.1 | J | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 66 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 69 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 41 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D
Lims ID: 460-332739-E-7-A
Client ID: HHMW-18S1
Sample Type: Client
Inject. Date: 14-Aug-2025 22:26:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-018
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:53:34 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:53:34

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.468 | 4.469 | -0.001 | 98 | 443600 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.988 | 4.993 | -0.005 | 88 | 706808 | 6.94 | |
| * 38 Naphthalene-d8 | 136 | 5.674 | 5.680 | -0.006 | 100 | 1780515 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.705 | 6.709 | -0.004 | 97 | 1185796 | 6.58 | |
| 62 Acenaphthylene | 152 | 7.207 | 7.209 | -0.005 | 97 | 418150 | 1.77 | |
| * 64 Acenaphthene-d10 | 164 | 7.341 | 7.346 | -0.005 | 96 | 919977 | 8.00 | |
| 65 Acenaphthene | 154 | 7.370 | 7.378 | -0.008 | 96 | 26459 | 0.1941 | |
| 73 Fluorene | 166 | 7.859 | 7.864 | -0.008 | 94 | 135944 | 0.8479 | |
| * 88 Phenanthrene-d10 | 188 | 8.748 | 8.750 | -0.002 | 99 | 1497551 | 8.00 | |
| 89 Phenanthrene | 178 | 8.767 | 8.776 | -0.009 | 98 | 107490 | 0.5187 | |
| $ 97 Terphenyl-d14 | 244 | 10.269 | 10.275 | -0.006 | 98 | 646952 | 4.07 | |
| * 103 Chrysene-d12 | 240 | 11.389 | 11.397 | -0.008 | 99 | 903106 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.303 | 13.311 | -0.008 | 98 | 838274 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

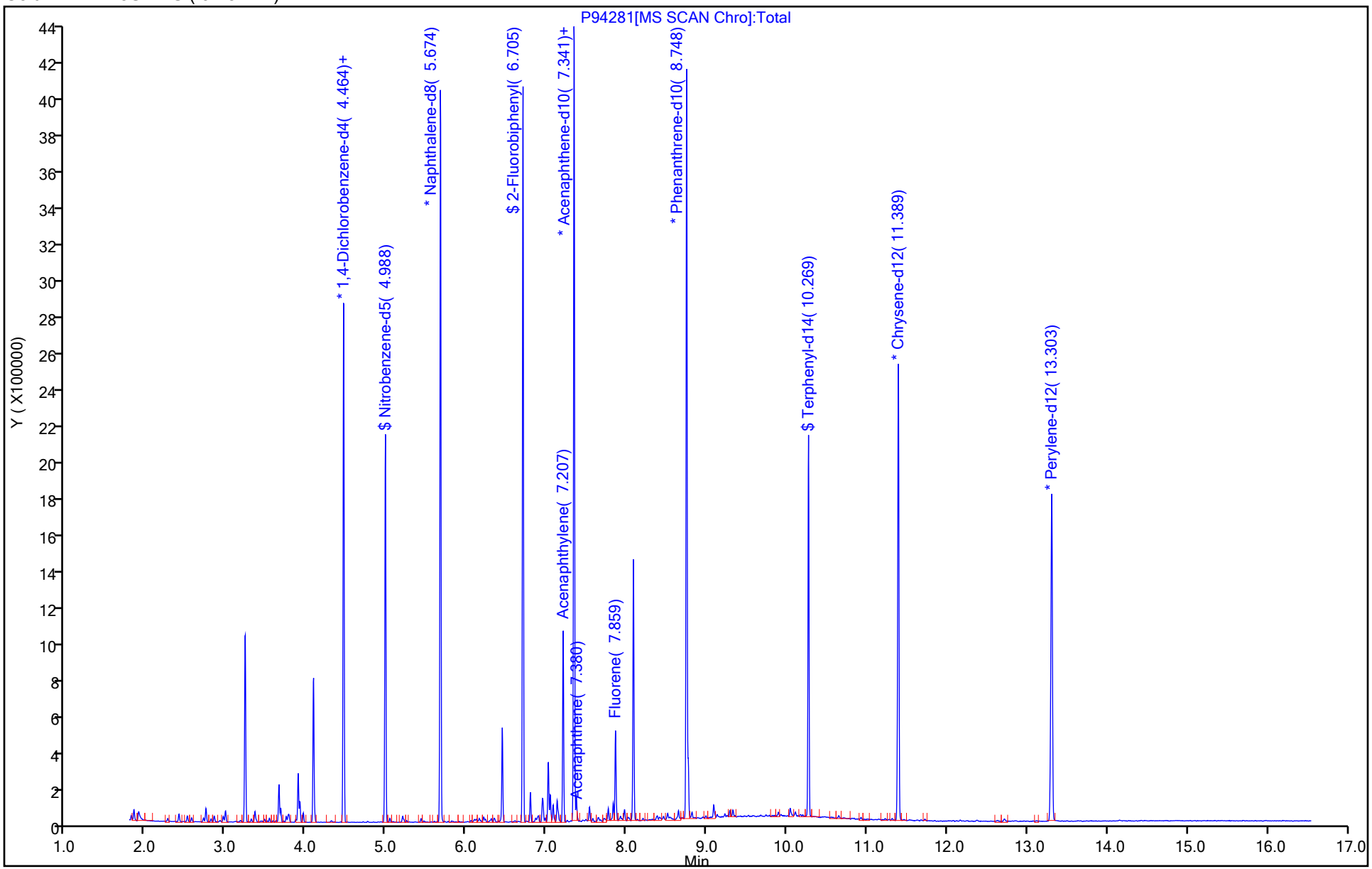
Report Date: 15-Aug-2025 03:53:34 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | Worklist Smp#: | 18 |
| Client ID: | HHMW-18S1 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 18 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D
Lims ID: 460-332739-E-7-A
Client ID: HHMW-18S1
Sample Type: Client
Inject. Date: 14-Aug-2025 22:26:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-018
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:53:34 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:53:34

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 6.94 | 69.36 |
| $ 53 2-Fluorobiphenyl | 10.0 | 6.58 | 65.81 |
| $ 97 Terphenyl-d14 | 10.0 | 4.07 | 40.73 |

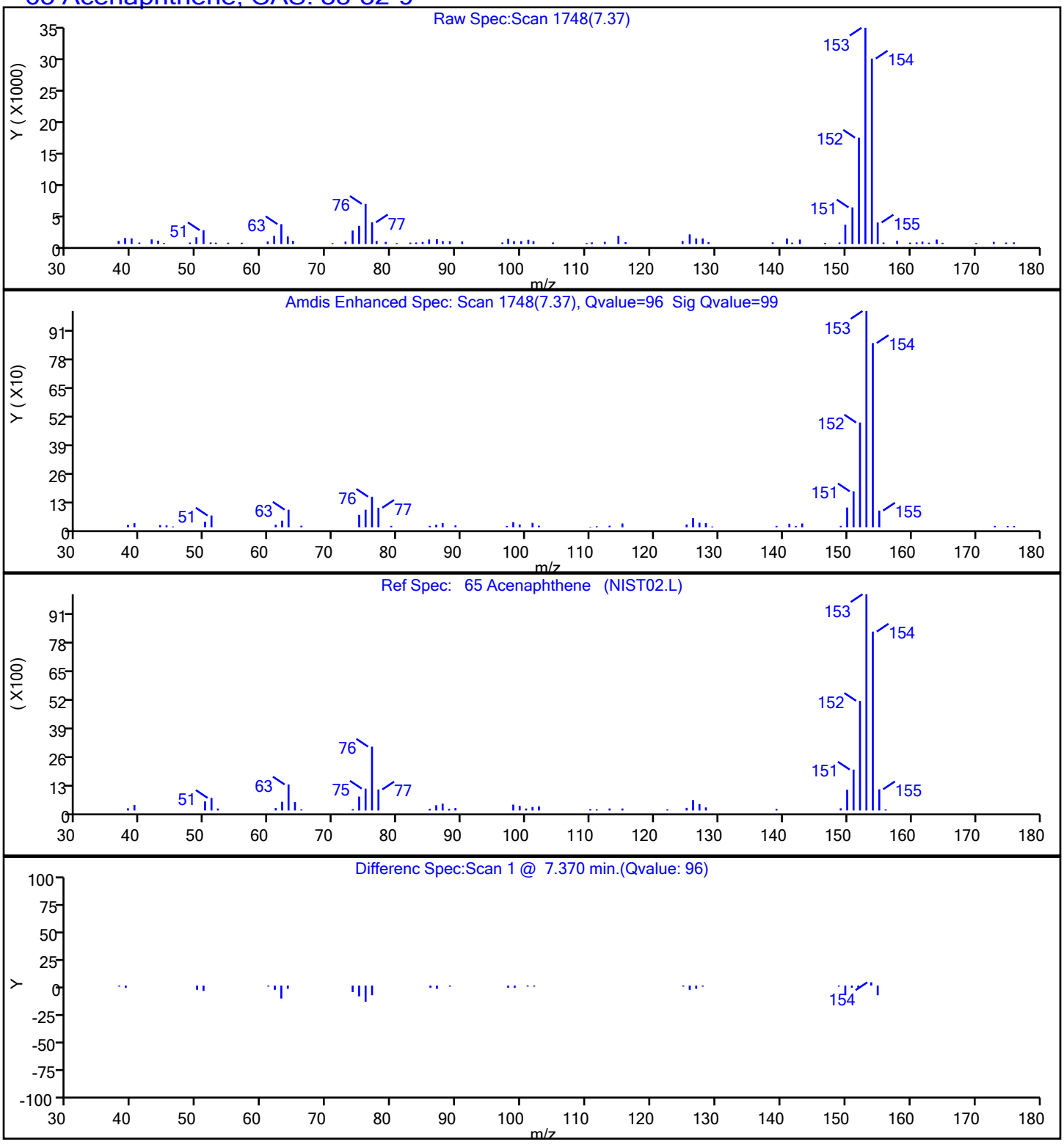
Report Date: 15-Aug-2025 03:53:34 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 65 Acenaphthene, CAS: 83-32-9



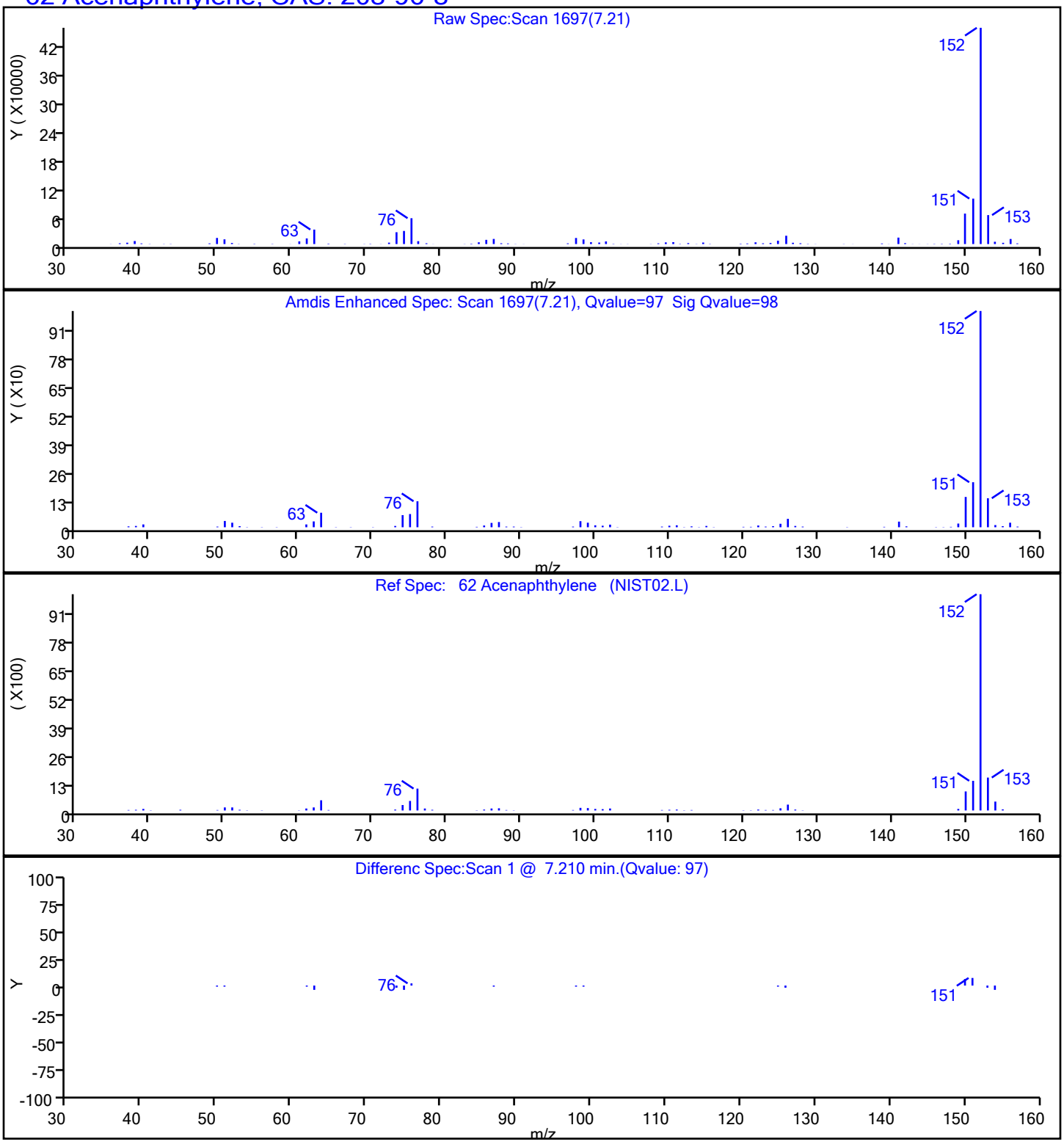
Report Date: 15-Aug-2025 03:53:34 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8



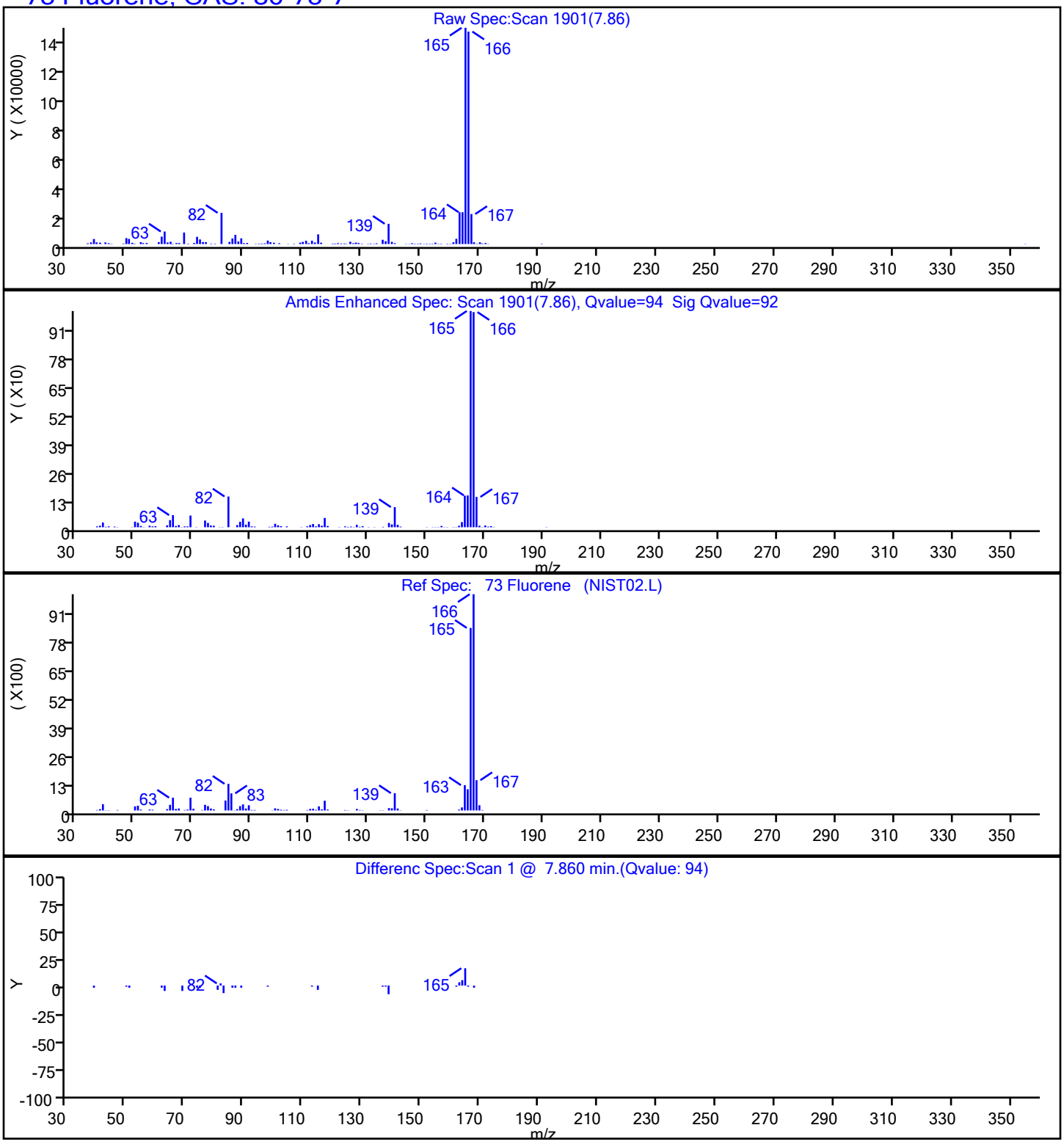
Report Date: 15-Aug-2025 03:53:34 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 73 Fluorene, CAS: 86-73-7



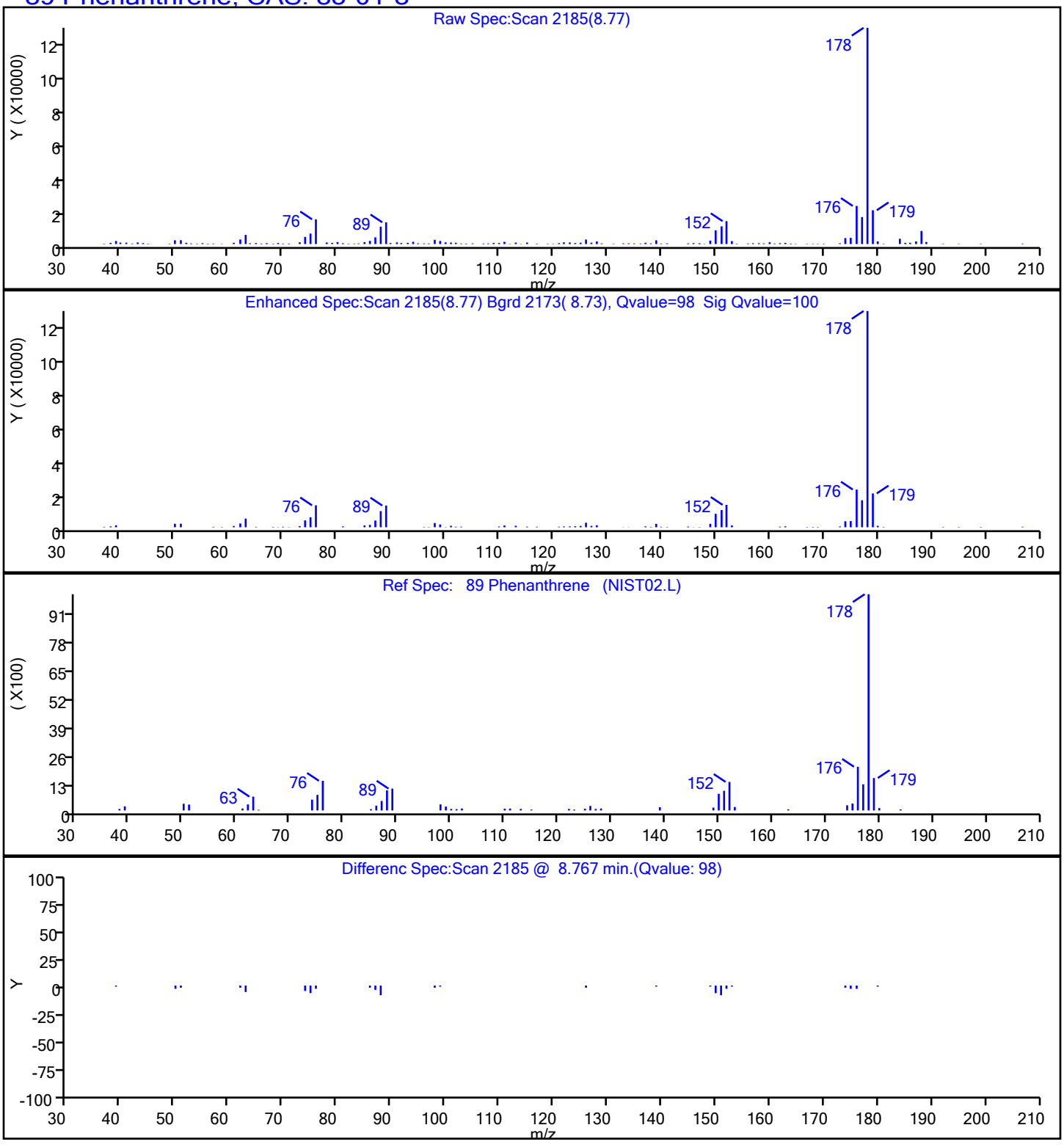
Report Date: 15-Aug-2025 03:53:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8



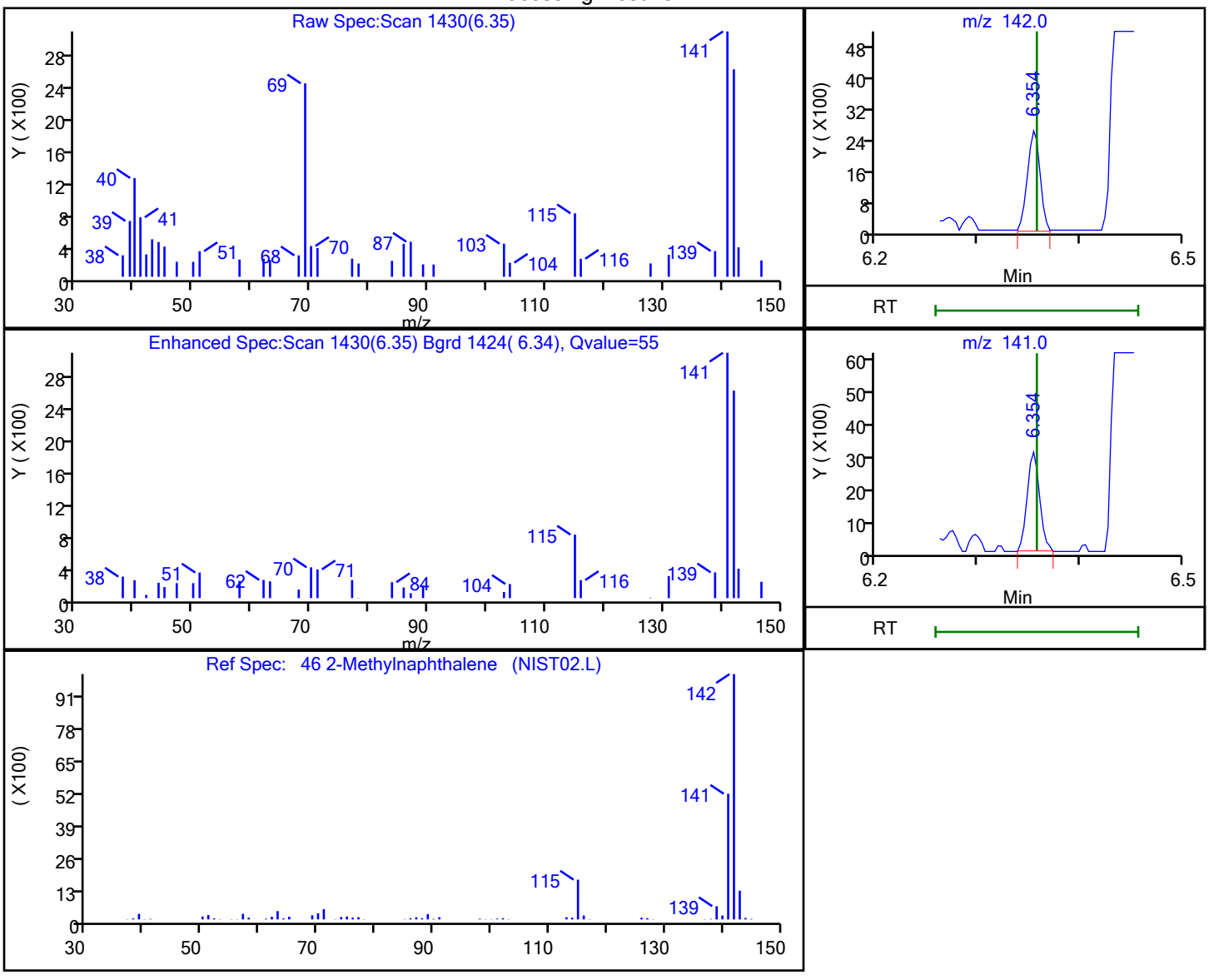
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D | | | | |
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.35 | 142.00 | 2217 | 0.015666 |
| 6.35 | 141.00 | 2627 | |

Reviewer: G4KC, 15-Aug-2025 03:53:18 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

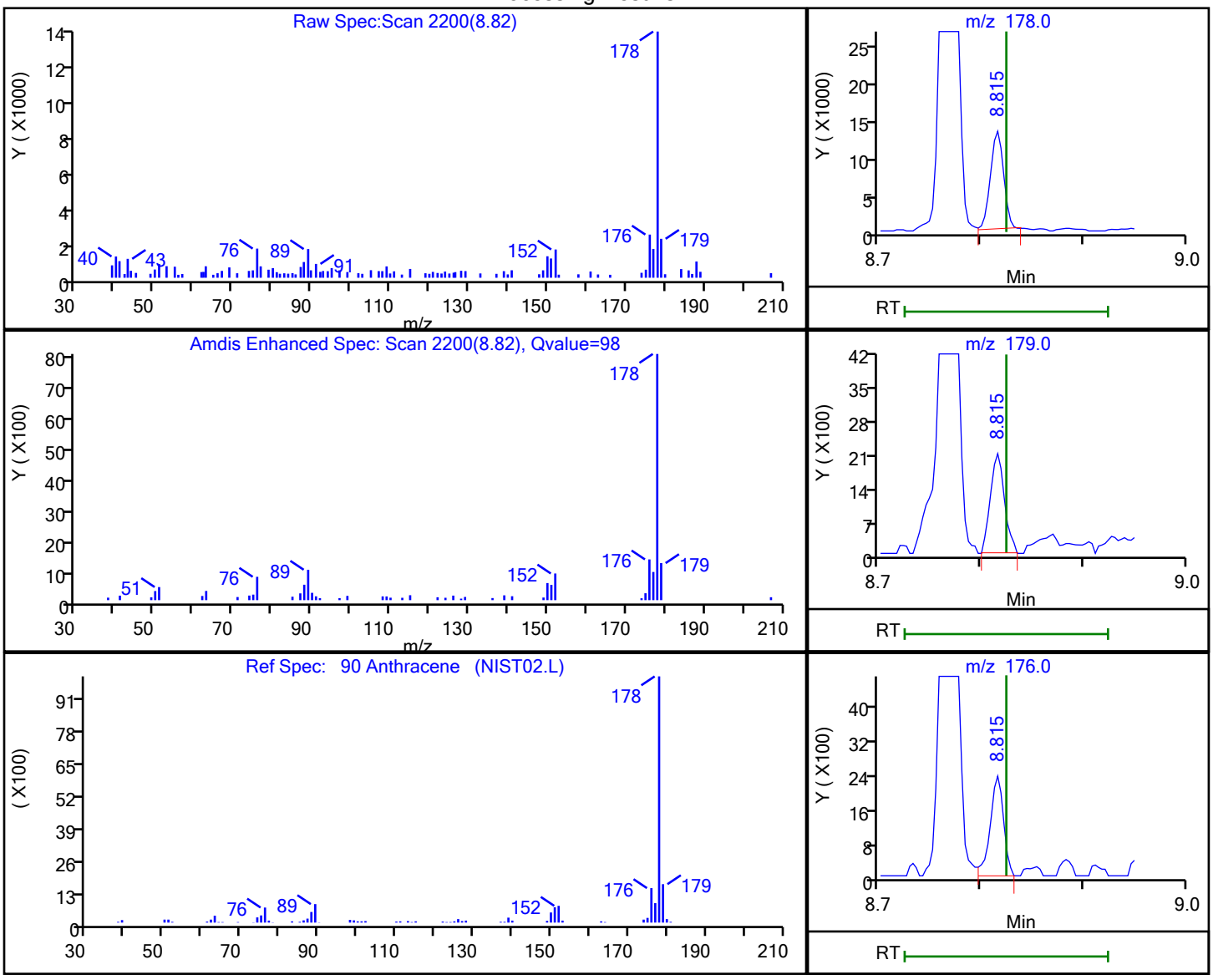
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D | | | | |
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.82 | 178.00 | 11683 | 0.054901 |
| 8.82 | 179.00 | 2034 | |
| 8.82 | 176.00 | 2124 | |

Reviewer: G4KC, 15-Aug-2025 03:53:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

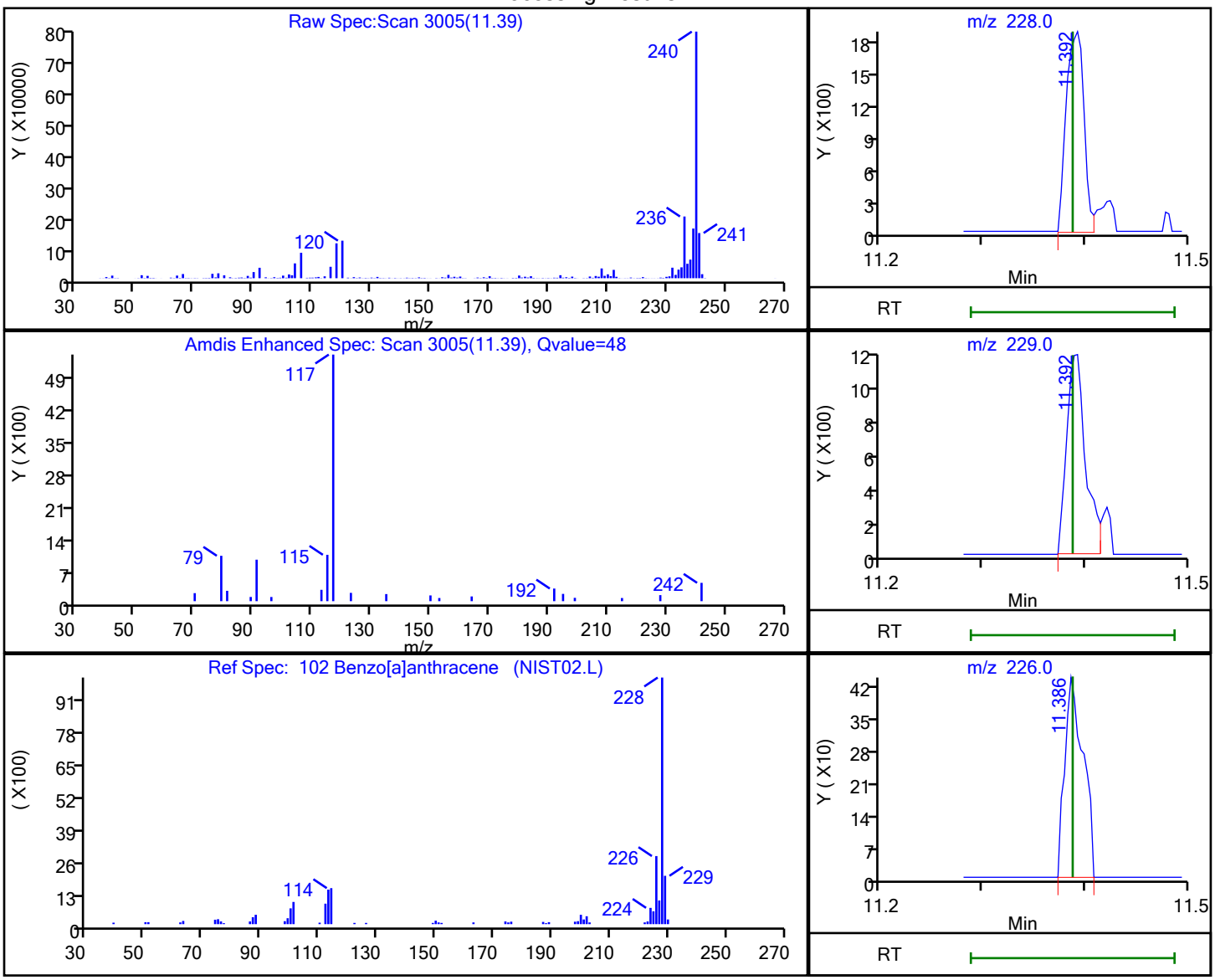
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D | | | | |
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 2284 | -0.005030 |
| 11.39 | 229.00 | 1472 | |
| 11.39 | 226.00 | 540 | |

Reviewer: G4KC, 15-Aug-2025 03:53:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

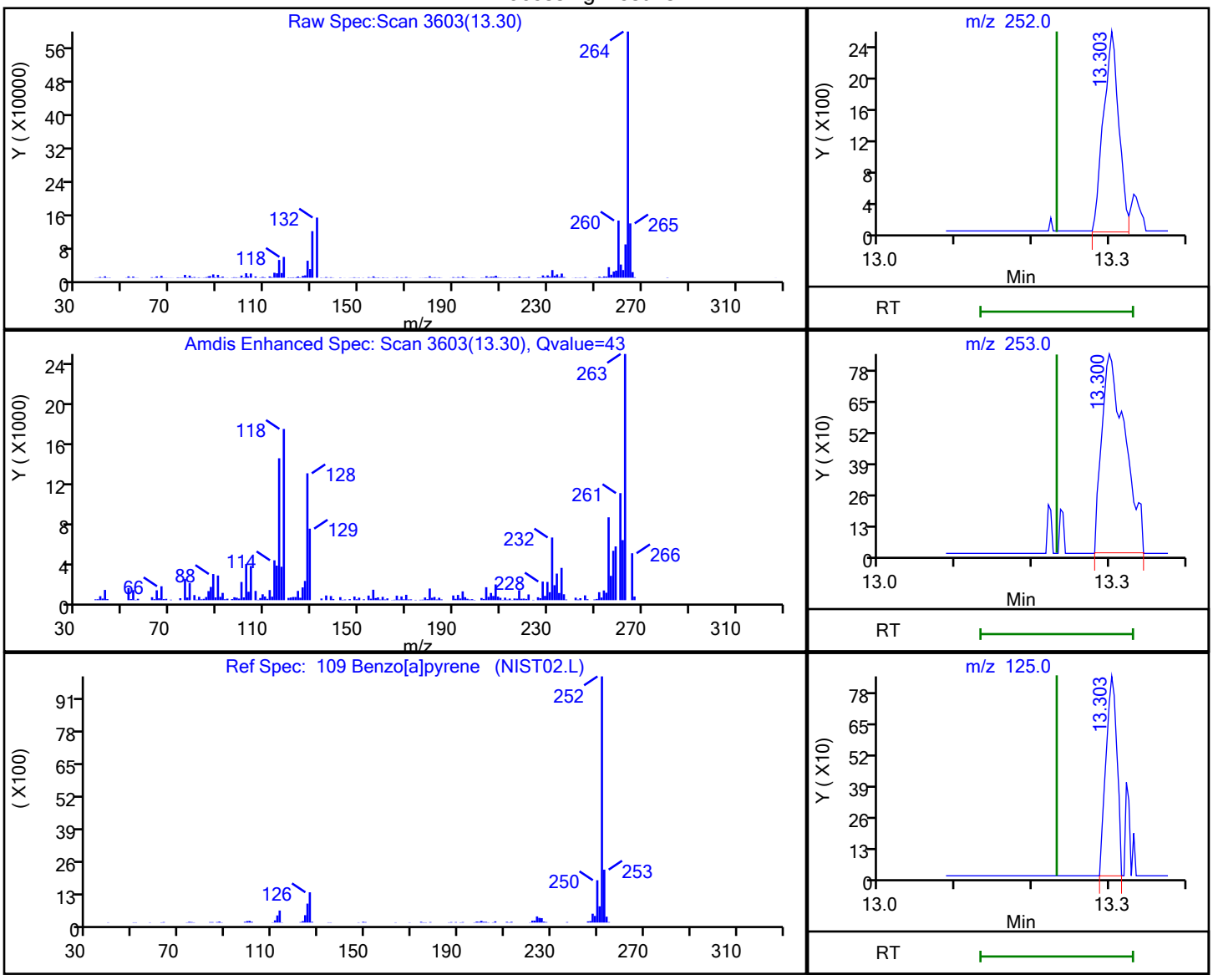
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D | | | | |
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.30 | 252.00 | 3510 | 0.031007 |
| 13.30 | 253.00 | 1787 | |
| 13.30 | 125.00 | 840 | |

Reviewer: G4KC, 15-Aug-2025 03:53:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

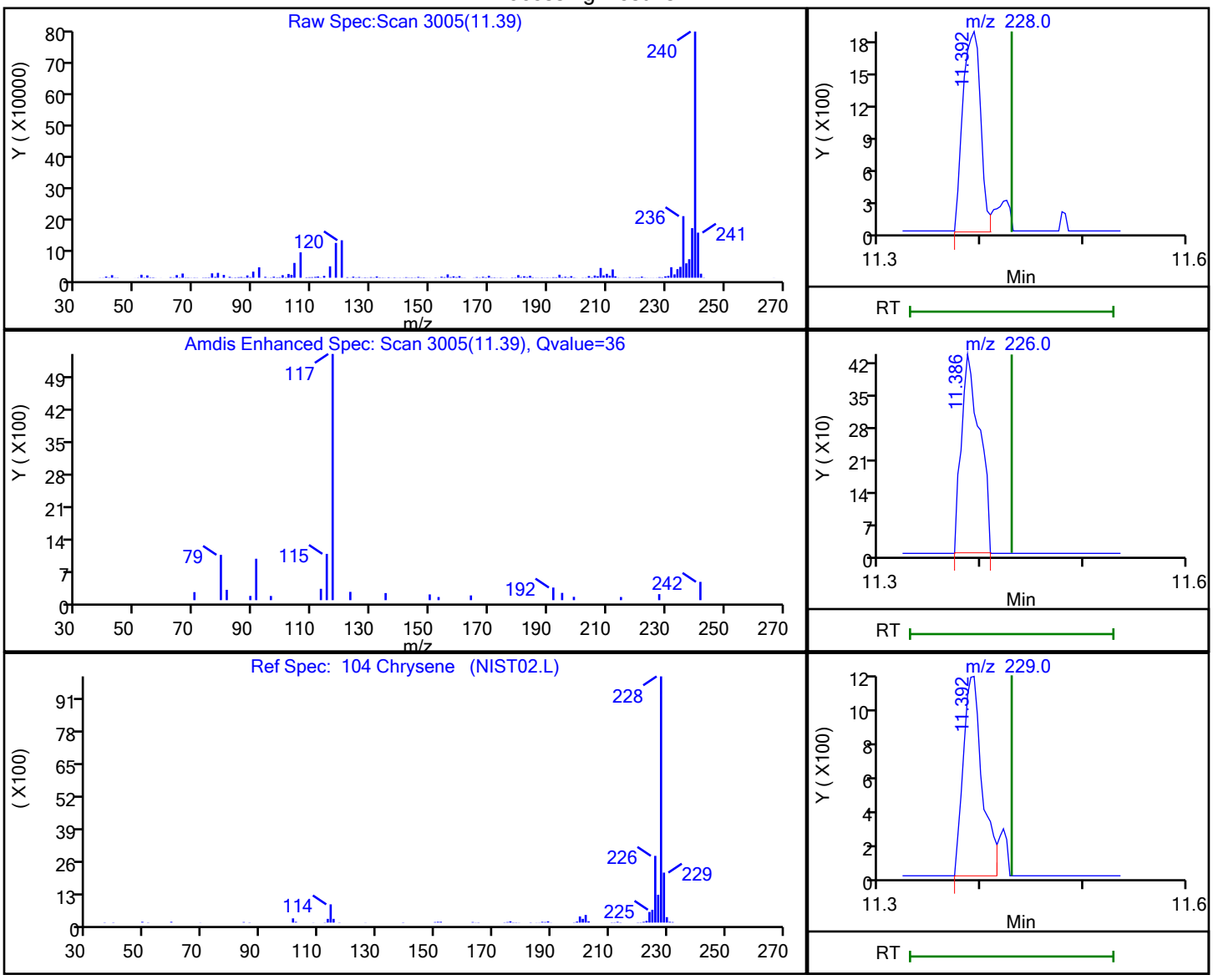
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D | | | | |
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 2284 | 0.016077 |
| 11.39 | 226.00 | 540 | |
| 11.39 | 229.00 | 1472 | |

Reviewer: G4KC, 15-Aug-2025 03:53:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

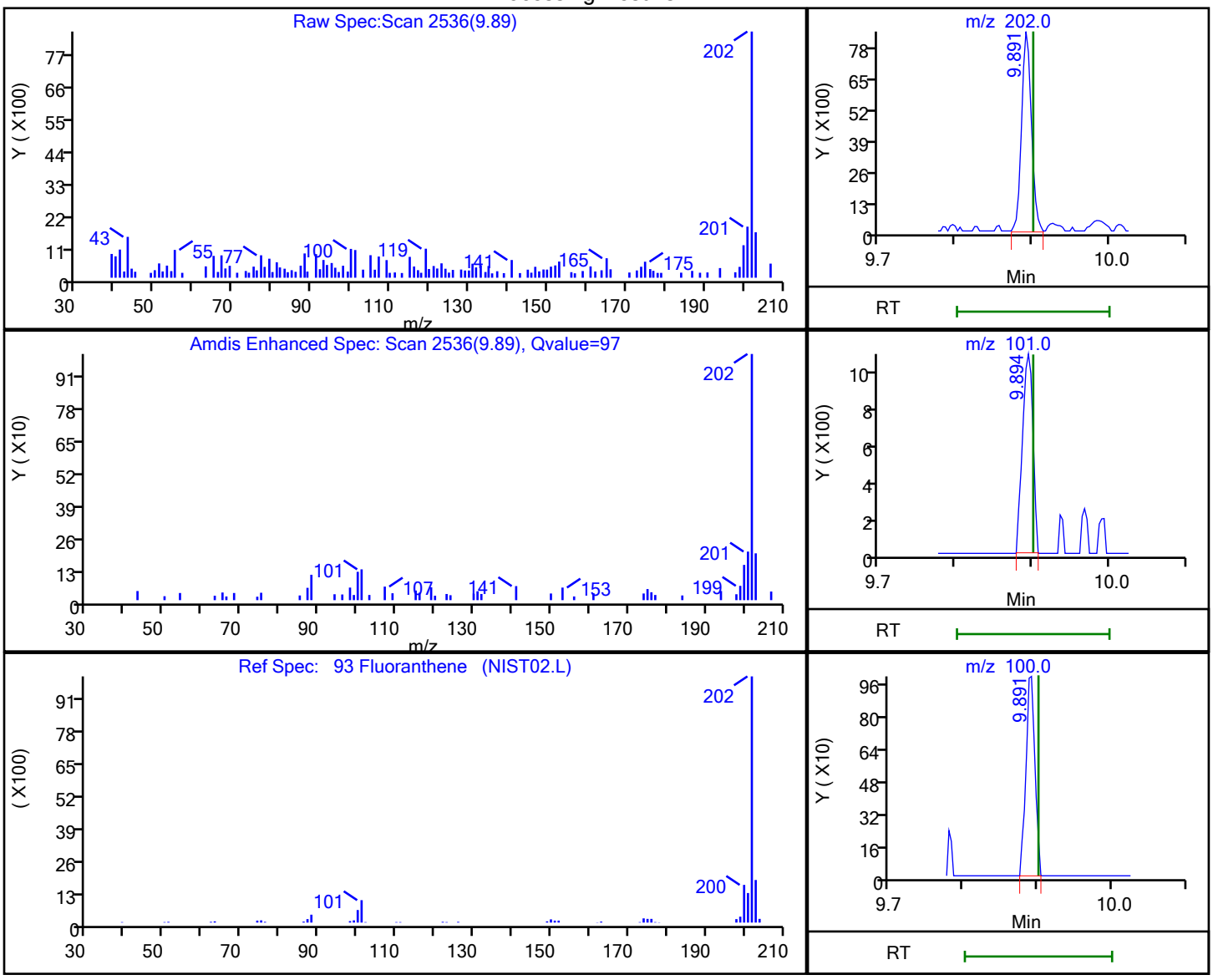
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D | | | | |
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.89 | 202.00 | 7536 | 0.040042 |
| 9.89 | 101.00 | 983 | |
| 9.89 | 100.00 | 843 | |

Reviewer: G4KC, 15-Aug-2025 03:53:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

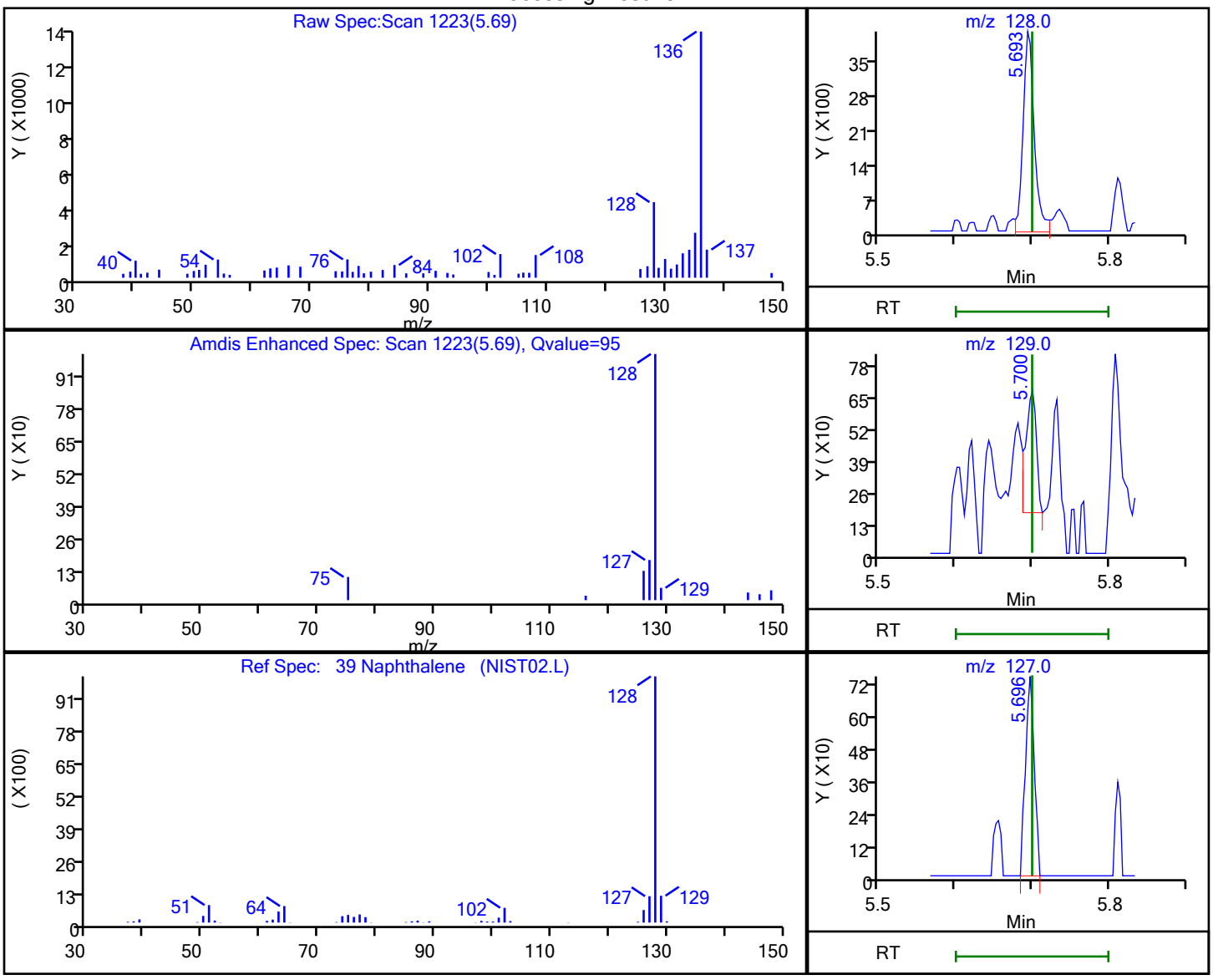
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D | | | | |
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.69 | 128.00 | 4102 | 0.017060 |
| 5.70 | 129.00 | 487 | |
| 5.70 | 127.00 | 593 | |

Reviewer: G4KC, 15-Aug-2025 03:53:18 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

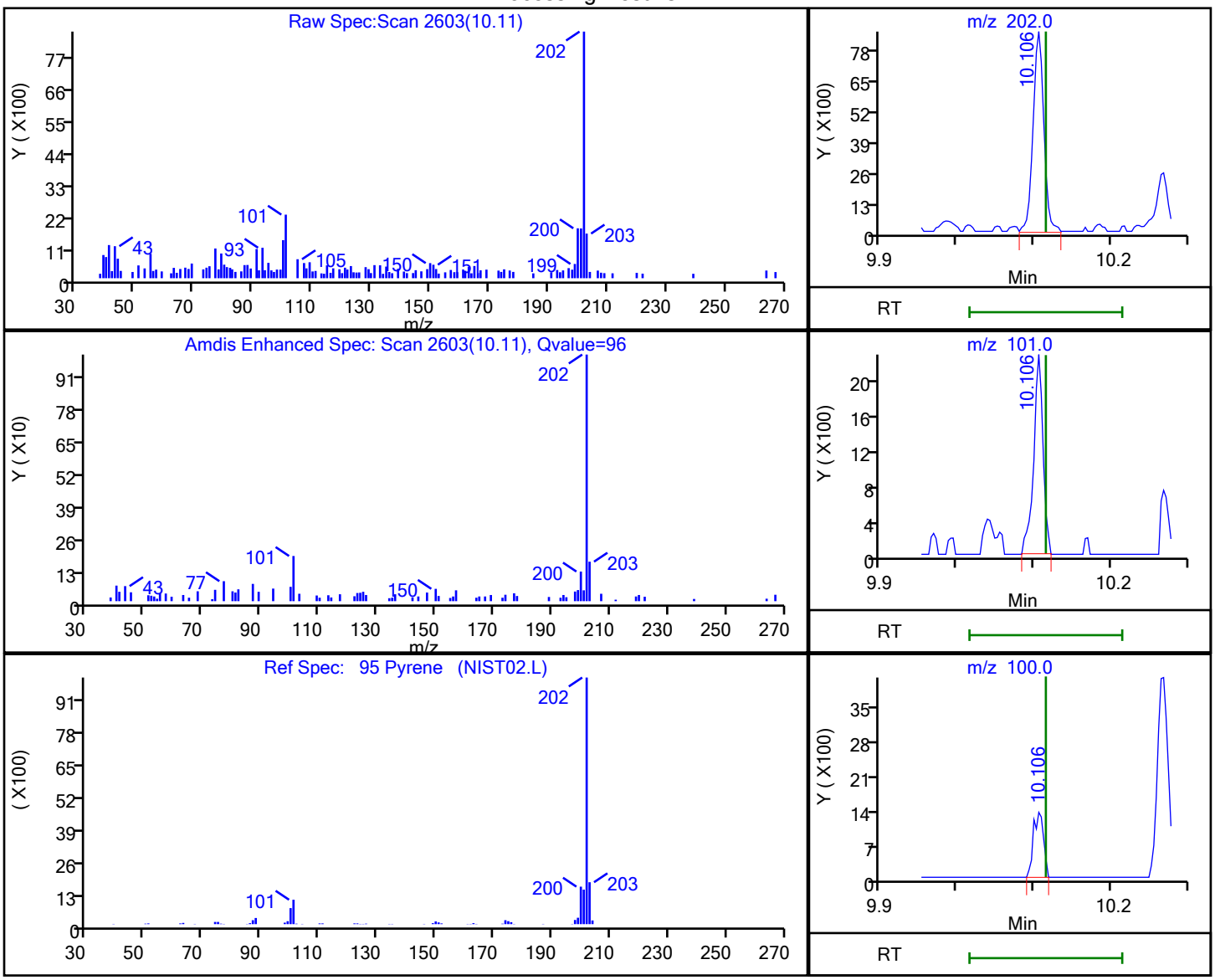
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94281.D | | | | |
| Injection Date: | 14-Aug-2025 22:26:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-7-A | Lab Sample ID: | 460-332739-7 | | |
| Client ID: | HHMW-18S1 | | | | |
| Operator ID: | | ALS Bottle#: | 18 | Worklist Smp#: | 18 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.11 | 202.00 | 8337 | 0.042697 |
| 10.11 | 101.00 | 1889 | |
| 10.11 | 100.00 | 1215 | |

Reviewer: G4KC, 15-Aug-2025 03:53:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-09S1 | Lab Sample ID: 460-332739-8

Matrix: Water | Lab File ID: P94287.D

Analysis Method: 8270E | Date Collected: 08/12/2025 13:35

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/15/2025 00:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 2.3 | J | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 0.91 | J | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 4.4 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.5 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 6.7 | J | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 0.76 | J | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 1.1 | J | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 0.92 | J | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 4.6 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 62 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 72 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 36 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D
Lims ID: 460-332739-E-8-A
Client ID: HHMW-09S1
Sample Type: Client
Inject. Date: 15-Aug-2025 00:34:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-024
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 16:46:12 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: G4KC Date: 15-Aug-2025 03:57:48

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.468 | 4.469 | -0.001 | 98 | 502302 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.988 | 4.993 | -0.005 | 88 | 811453 | 7.16 | |
| * 38 Naphthalene-d8 | 136 | 5.675 | 5.680 | -0.005 | 100 | 1980962 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.704 | 6.709 | -0.005 | 97 | 1180585 | 6.24 | |
| 62 Acenaphthylene | 152 | 7.207 | 7.209 | -0.005 | 98 | 69814 | 0.2820 | |
| * 64 Acenaphthene-d10 | 164 | 7.344 | 7.346 | -0.002 | 96 | 966488 | 8.00 | |
| * 88 Phenanthrene-d10 | 188 | 8.749 | 8.750 | -0.001 | 99 | 1475421 | 8.00 | |
| 93 Fluoranthene | 202 | 9.895 | 9.901 | -0.006 | 97 | 21228 | 0.1145 | |
| $ 97 Terphenyl-d14 | 244 | 10.268 | 10.275 | -0.007 | 98 | 493282 | 3.59 | |
| 102 Benzo[a]anthracene | 228 | 11.380 | 11.387 | -0.007 | 93 | 17276 | 0.1132 | |
| * 103 Chrysene-d12 | 240 | 11.390 | 11.397 | -0.007 | 99 | 781699 | 8.00 | |
| 104 Chrysene | 228 | 11.418 | 11.418 | -0.011 | 97 | 16302 | 0.1326 | a |
| 107 Benzo[b]fluoranthene | 252 | 12.771 | 12.772 | -0.007 | 98 | 32315 | 0.3086 | |
| 108 Benzo[k]fluoranthene | 252 | 12.803 | 12.810 | -0.013 | 96 | 10408 | 0.0948 | |
| 109 Benzo[a]pyrene | 252 | 13.217 | 13.231 | -0.014 | 95 | 52574 | 0.5464 | |
| * 110 Perylene-d12 | 264 | 13.307 | 13.311 | -0.004 | 99 | 712525 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.881 | 14.892 | -0.018 | 96 | 51494 | 0.5799 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.317 | 15.337 | -0.027 | 97 | 73725 | 0.8404 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

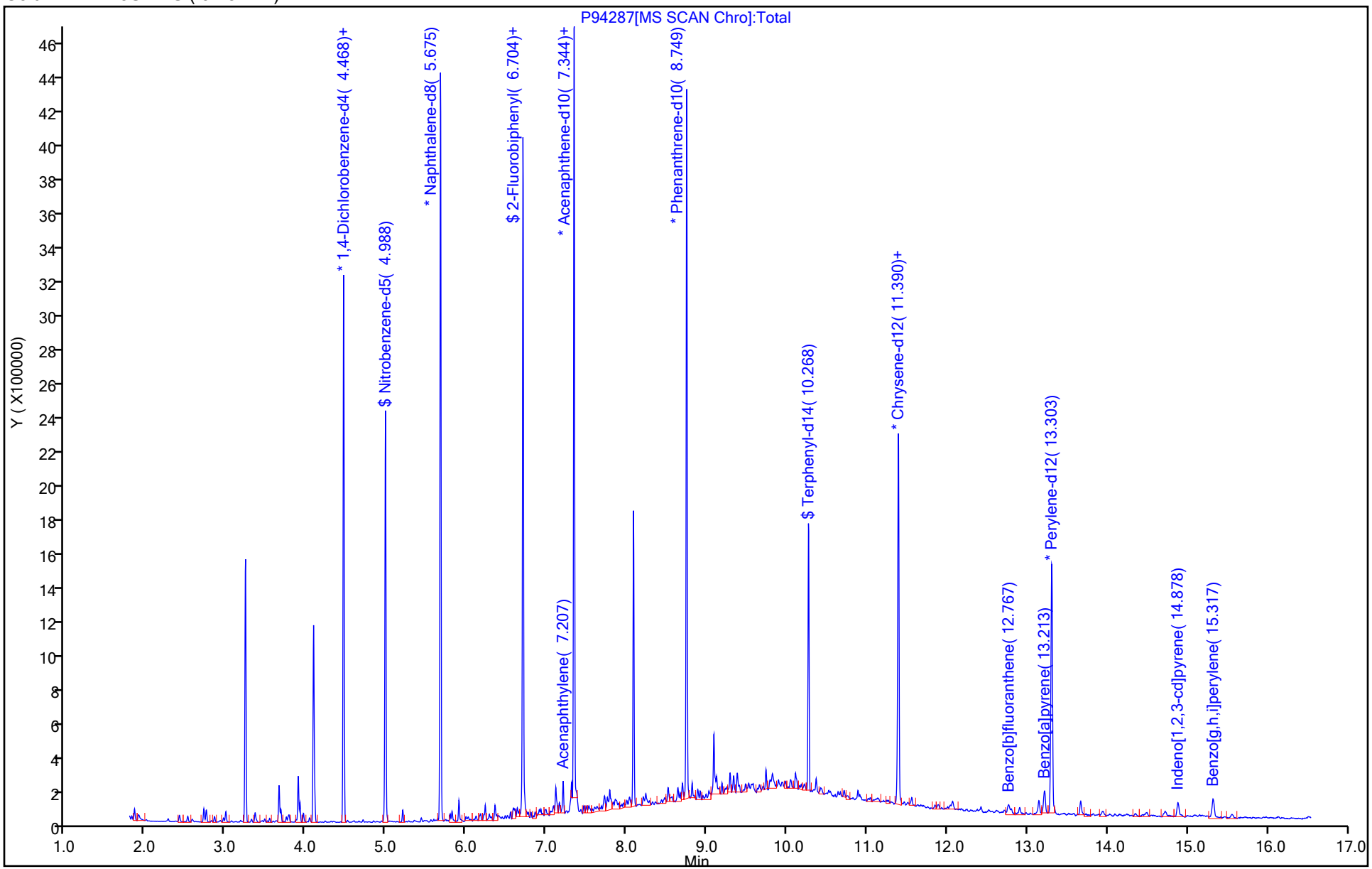
Report Date: 15-Aug-2025 16:46:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | Worklist Smp#: | 24 |
| Client ID: | HHMW-09S1 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 24 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D
Lims ID: 460-332739-E-8-A
Client ID: HHMW-09S1
Sample Type: Client
Inject. Date: 15-Aug-2025 00:34:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-024
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 16:46:12 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1648

First Level Reviewer: G4KC Date: 15-Aug-2025 03:57:48

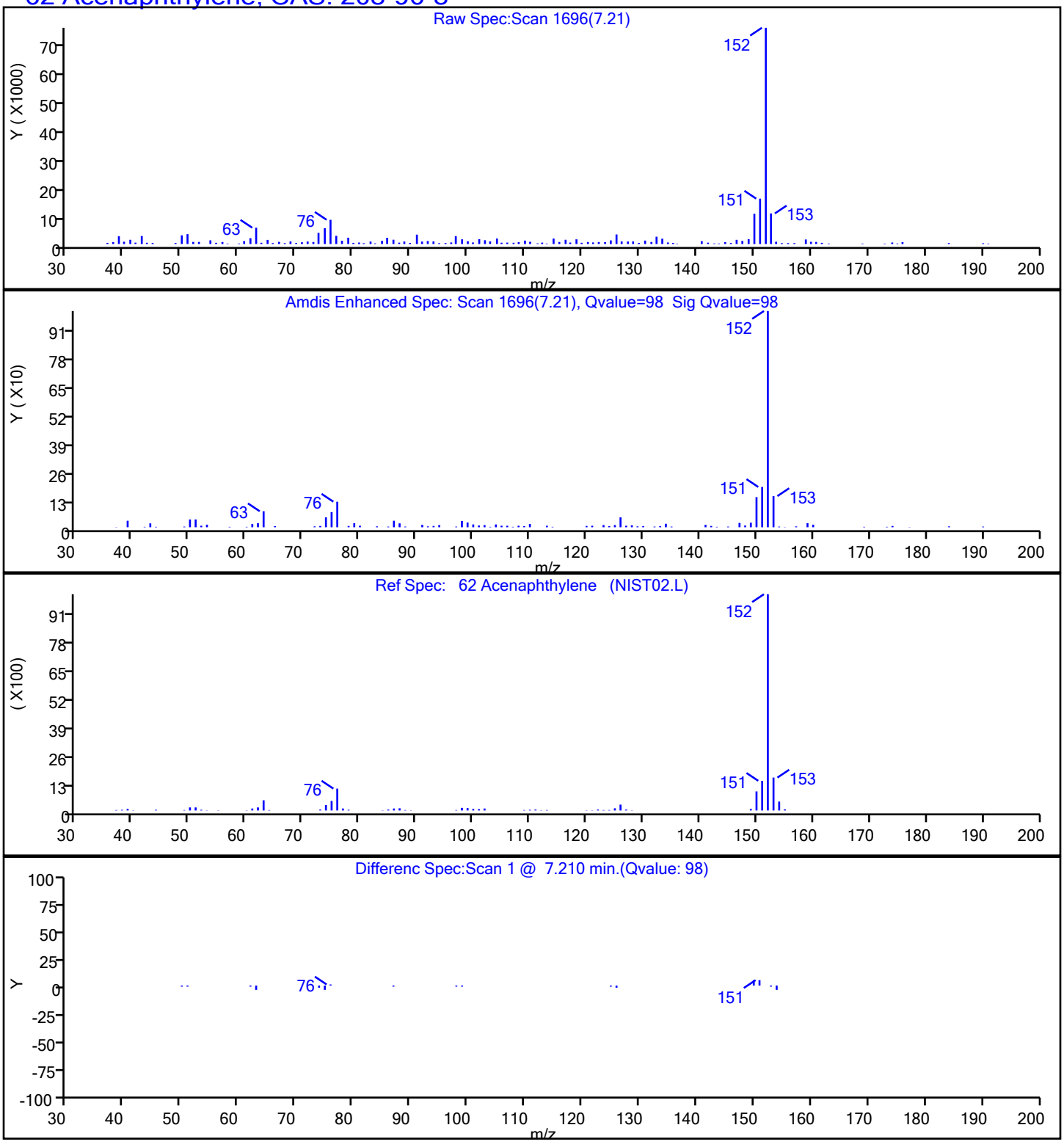
| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.16 | 71.57 |
| $ 53 2-Fluorobiphenyl | 10.0 | 6.24 | 62.37 |
| $ 97 Terphenyl-d14 | 10.0 | 3.59 | 35.88 |

Report Date: 15-Aug-2025 16:46:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8



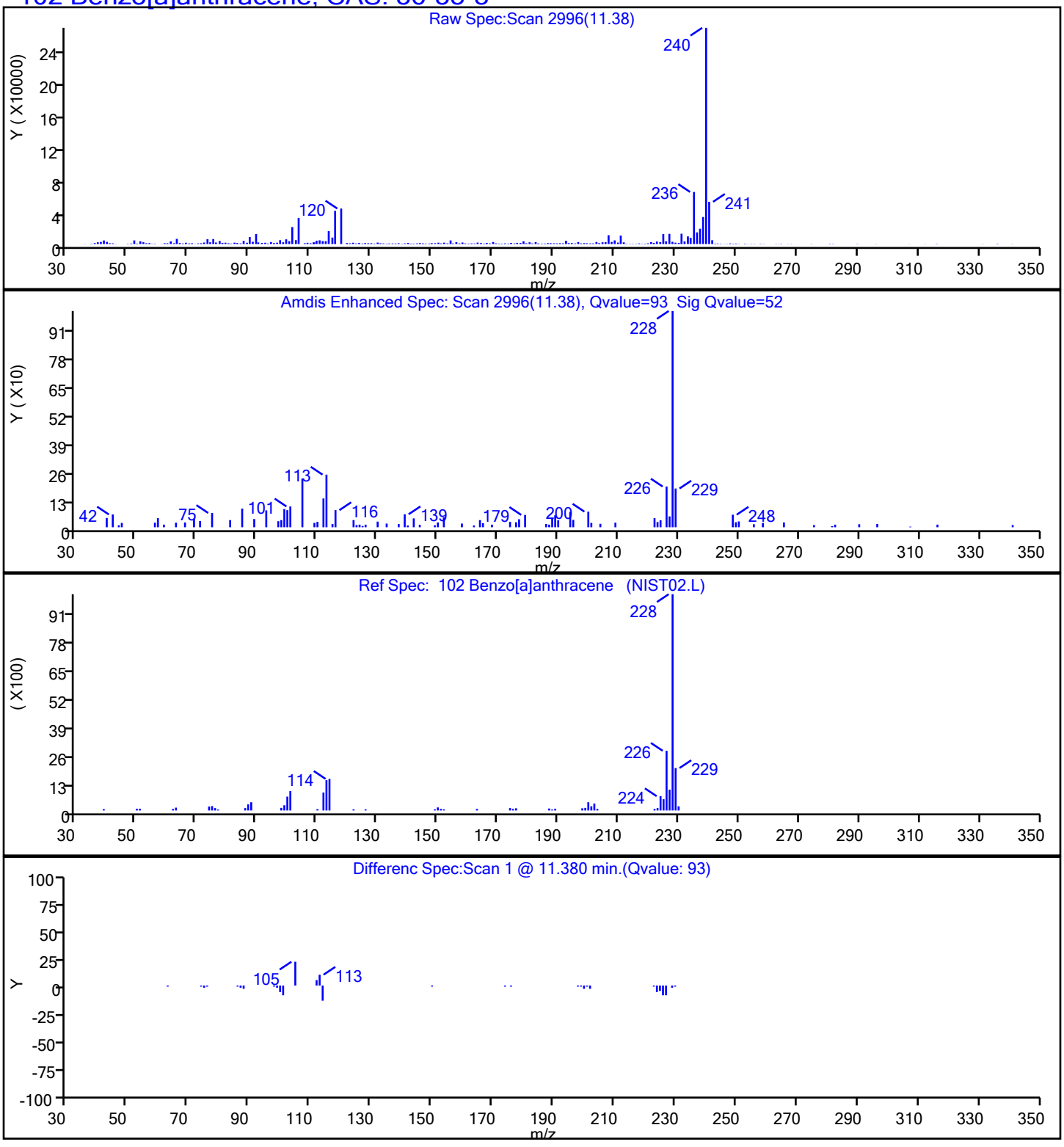
Report Date: 15-Aug-2025 16:46:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3



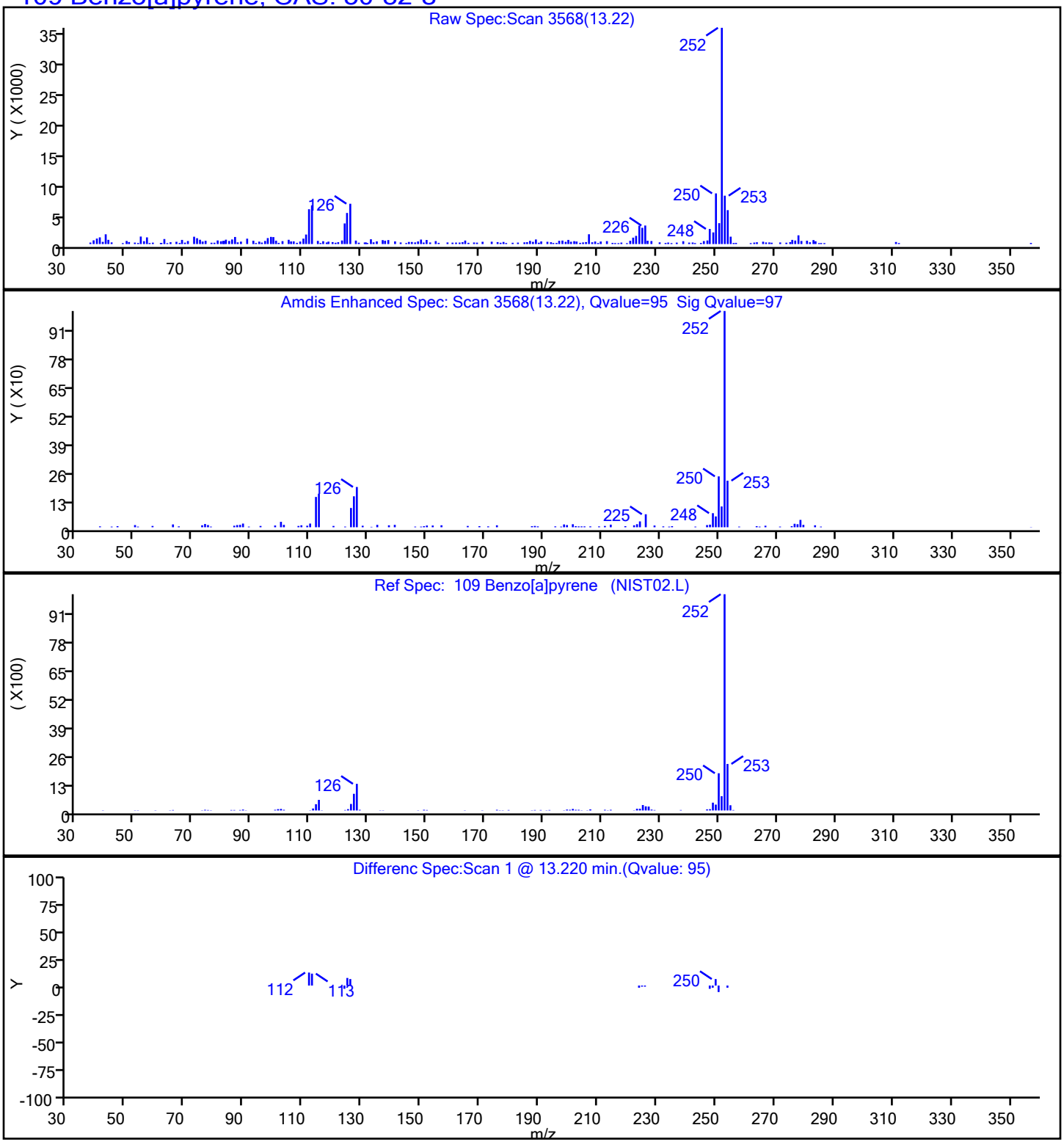
Report Date: 15-Aug-2025 16:46:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

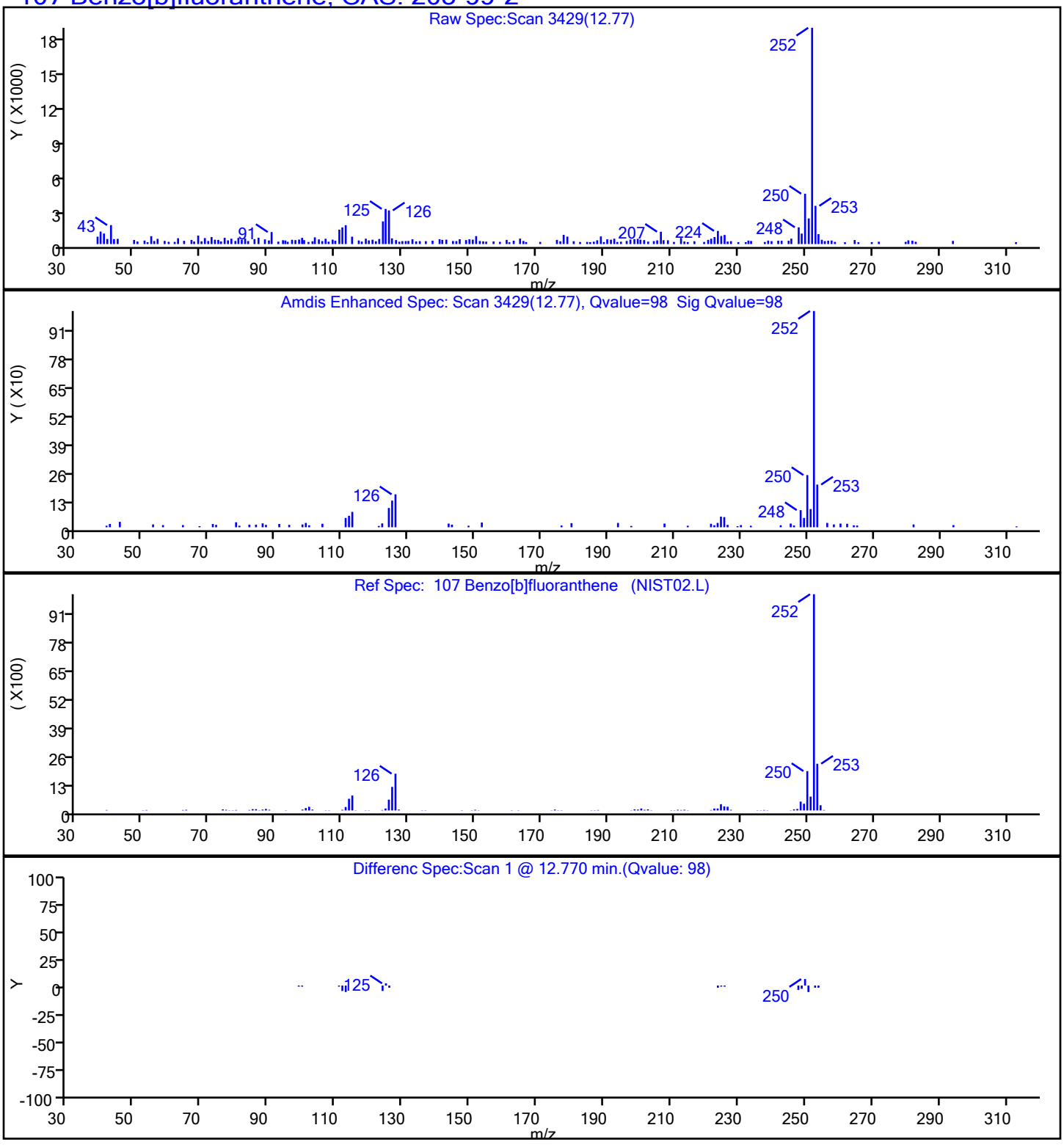
## 109 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

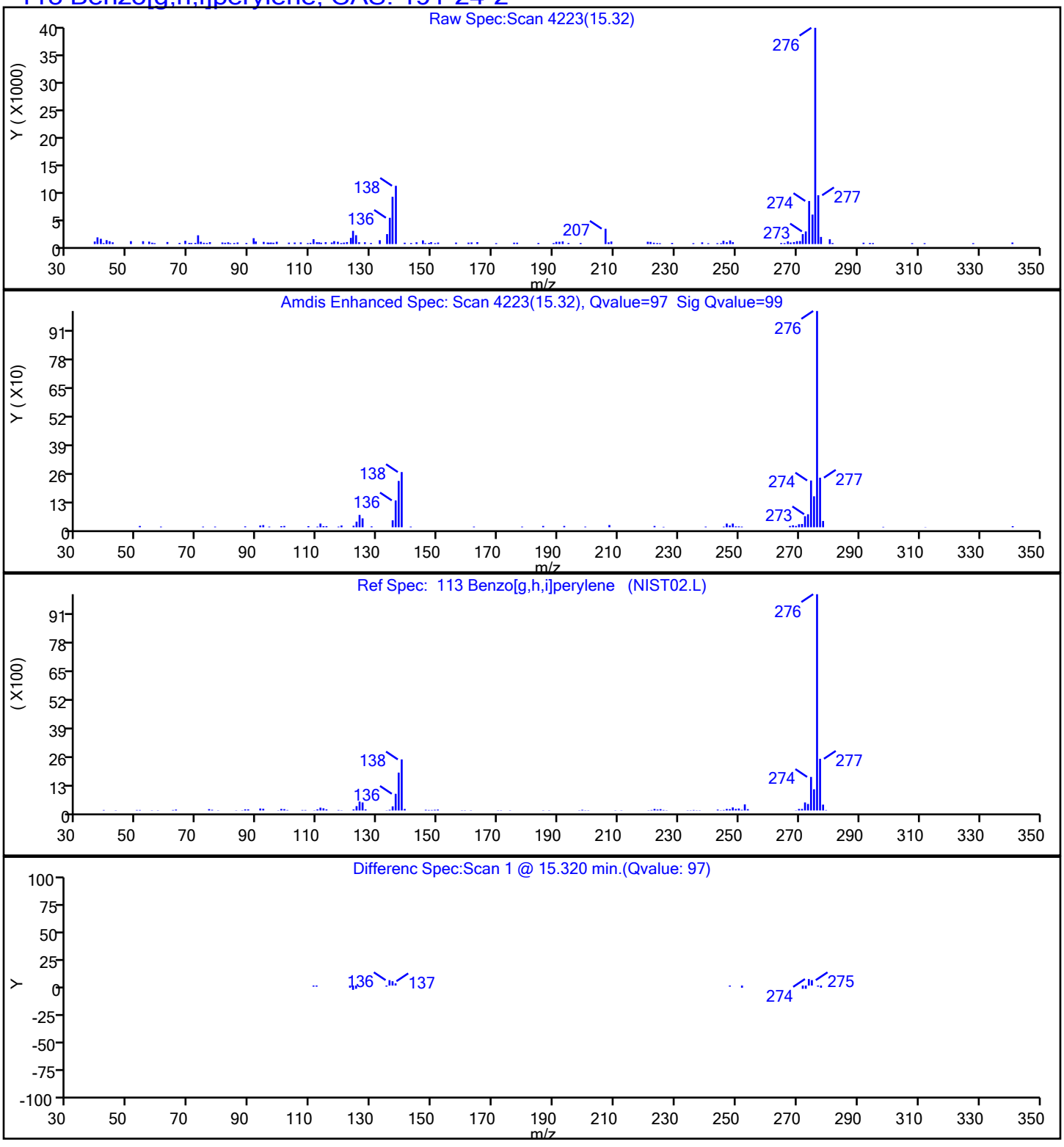
## 107 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 113 Benzo[g,h,i]perylene, CAS: 191-24-2



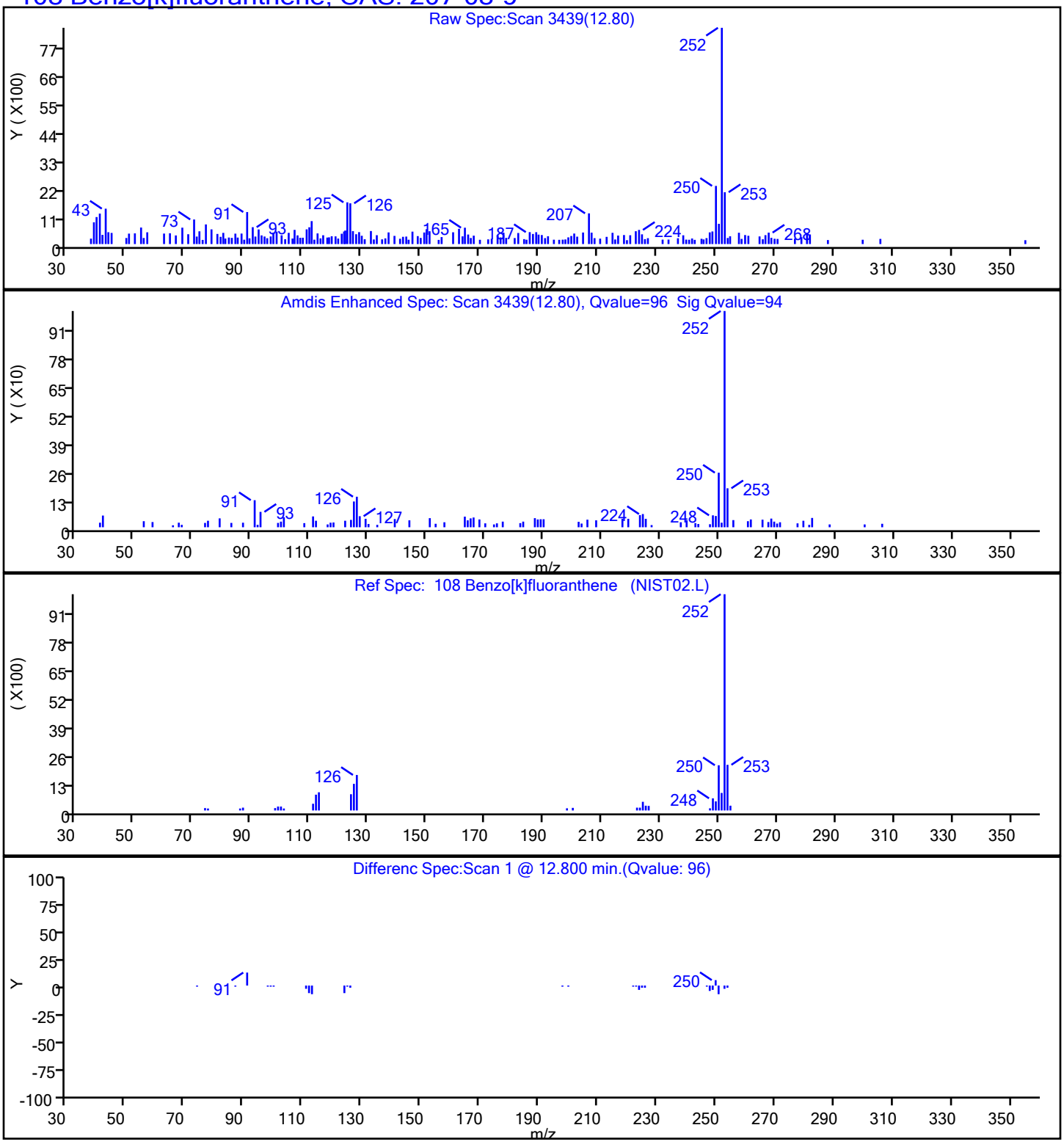
Report Date: 15-Aug-2025 16:46:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[k]fluoranthene, CAS: 207-08-9



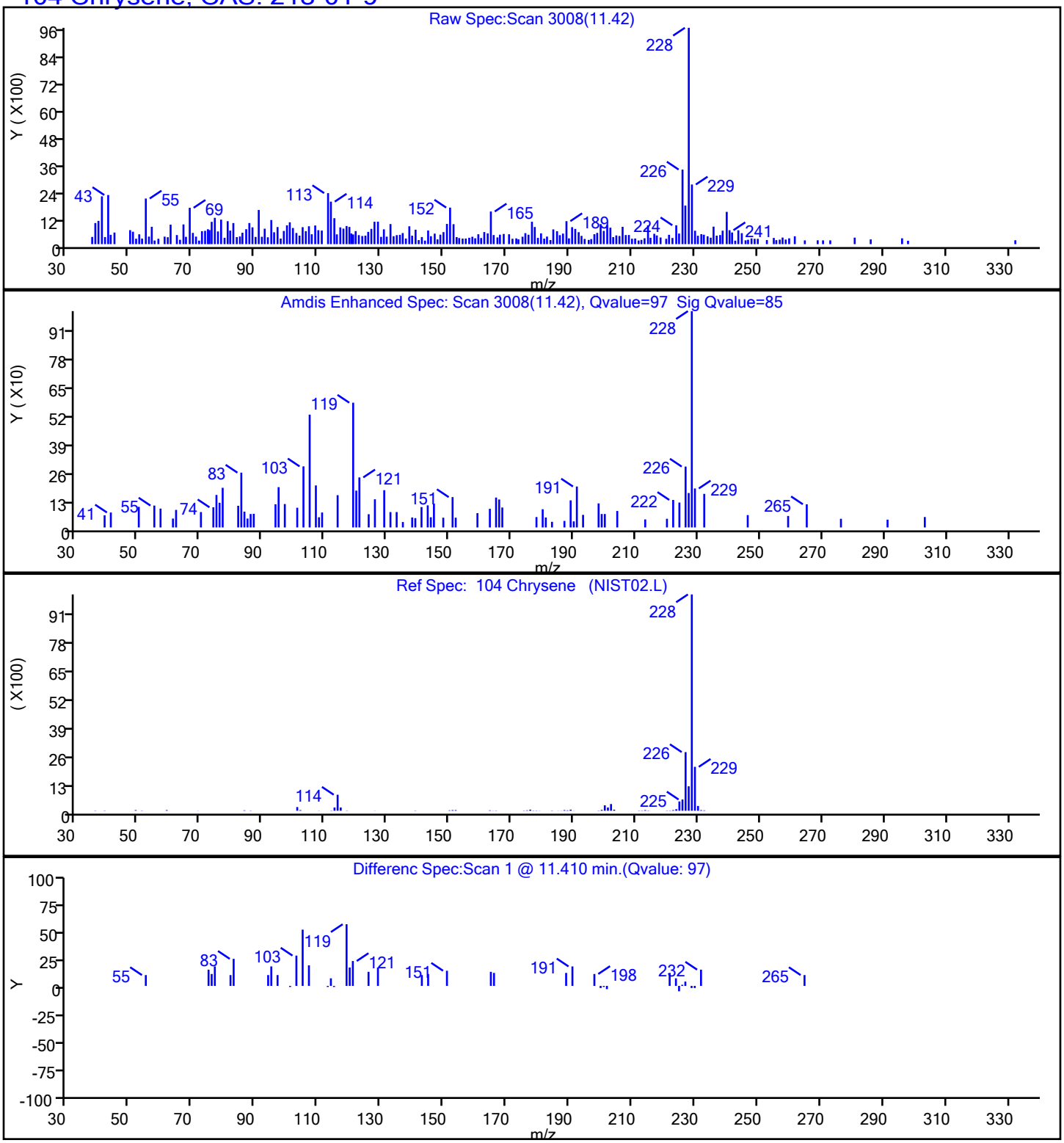
Report Date: 15-Aug-2025 16:46:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9



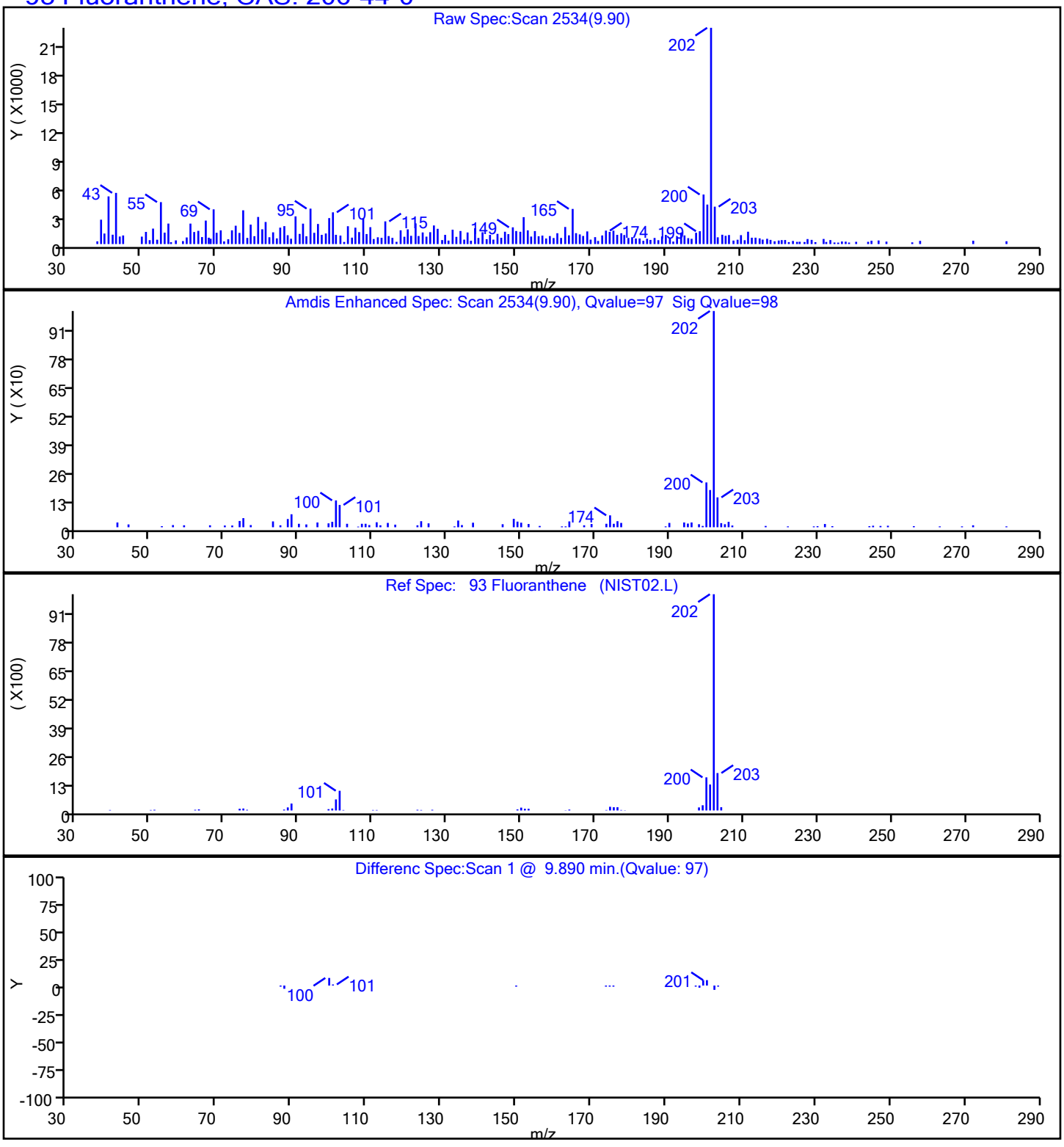
Report Date: 15-Aug-2025 16:46:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

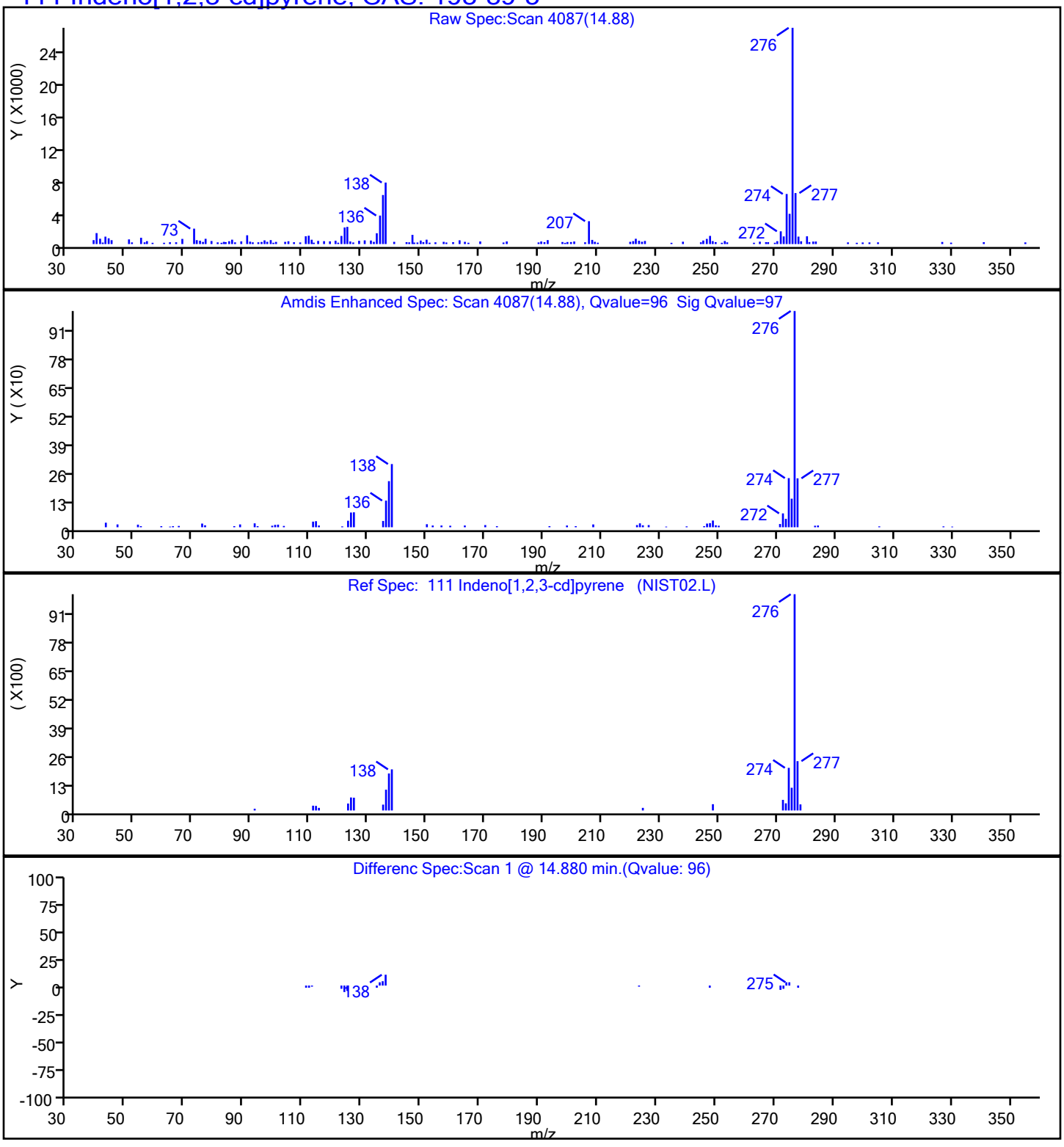
## 93 Fluoranthene, CAS: 206-44-0



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 111 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



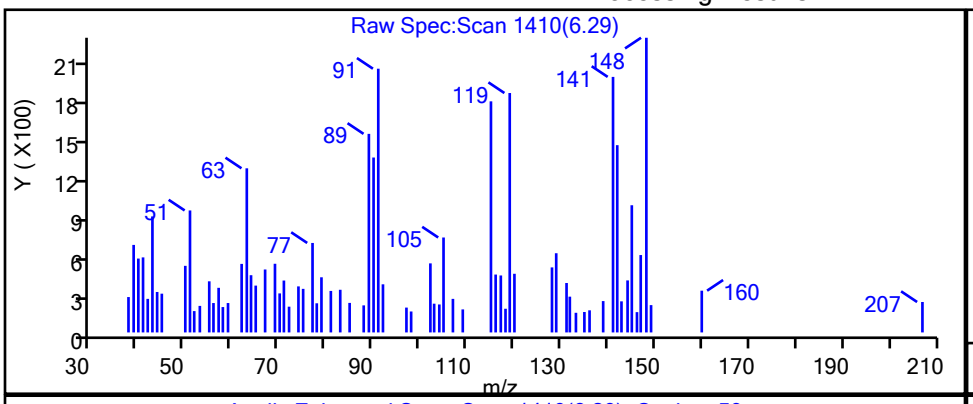
User Disabled Compound Report

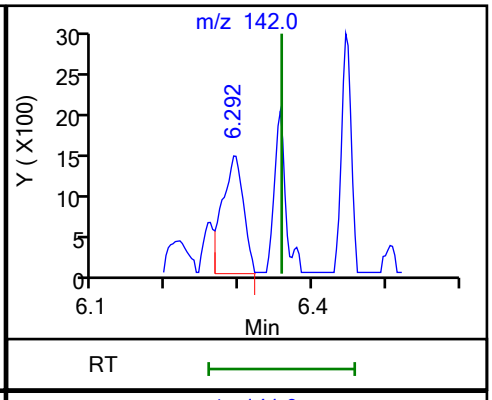
Eurofins Edison

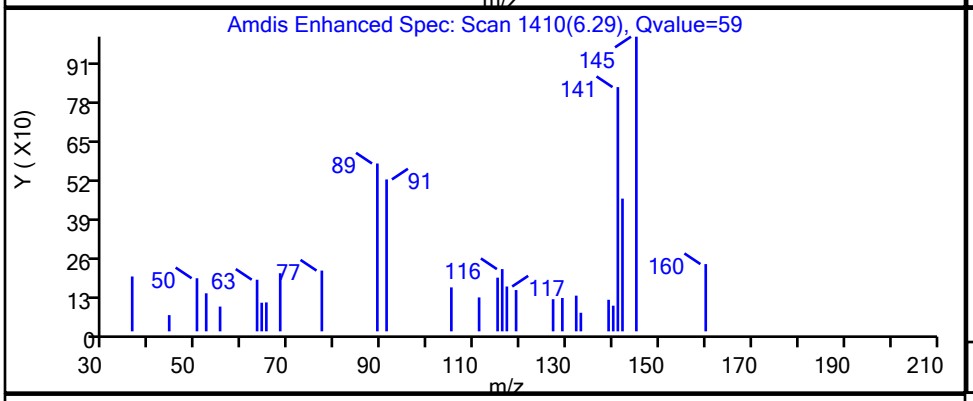
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

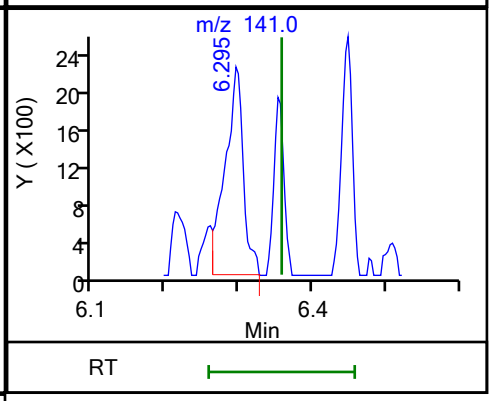
## 46 2-Methylnaphthalene, CAS: 91-57-6

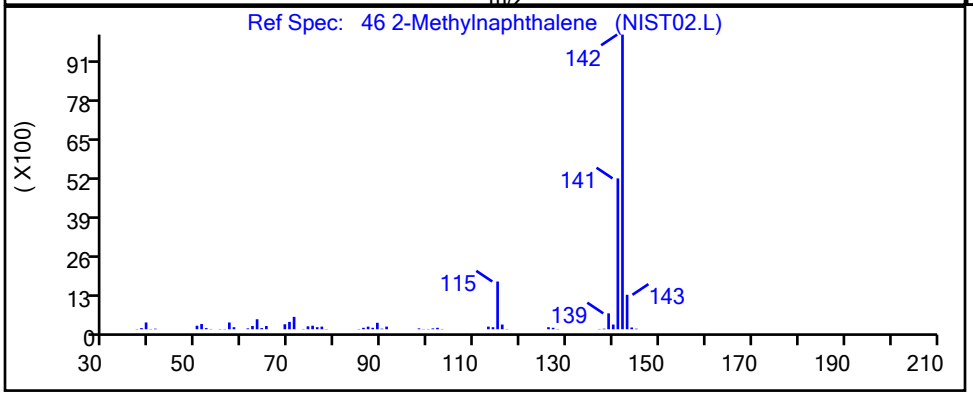
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.29 | 142.00 | 2856 | 0.018139 |
| 6.29 | 141.00 | 3916 | |

Reviewer: G4KC, 15-Aug-2025 03:57:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

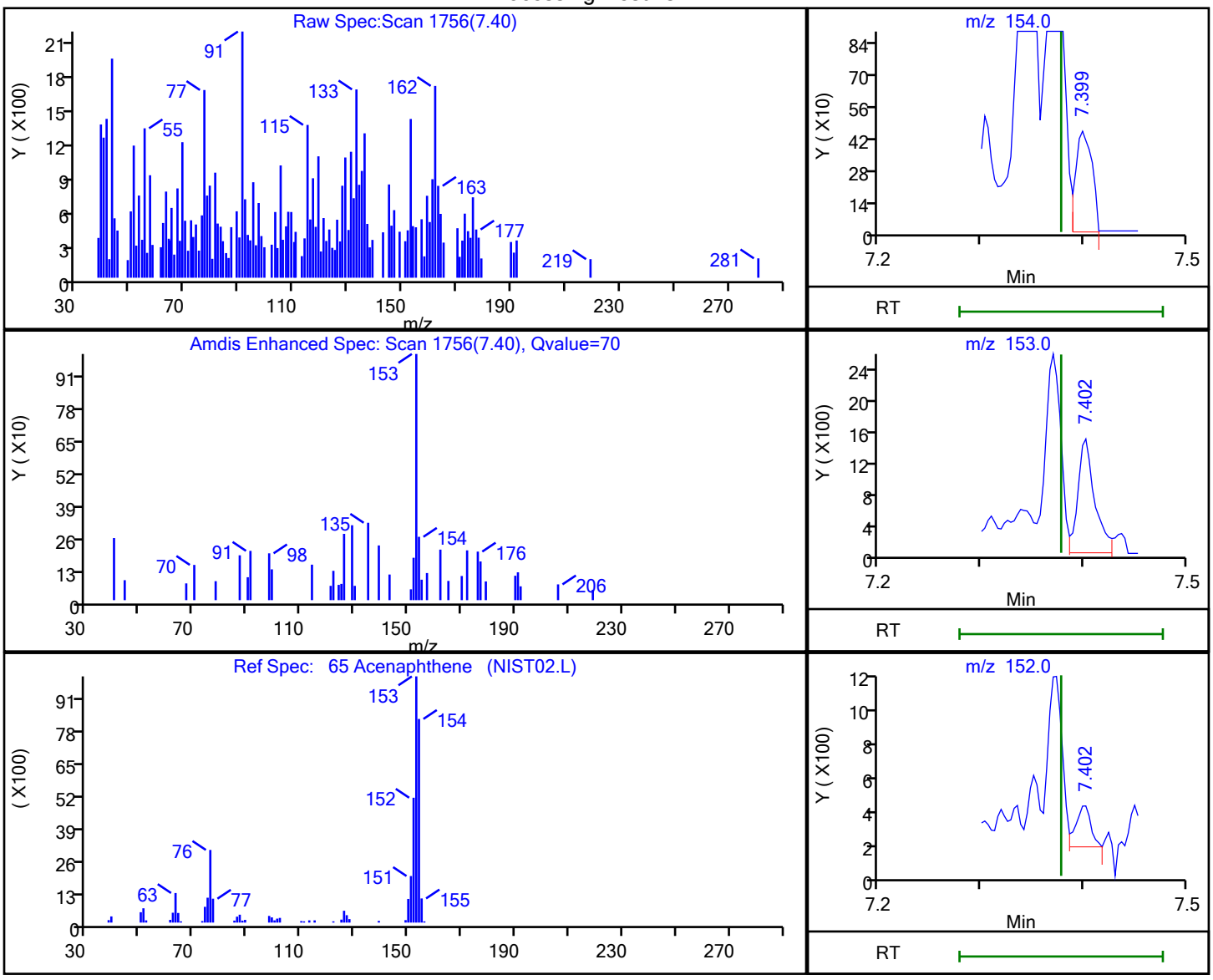
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 65 Acenaphthene, CAS: 83-32-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.40 | 154.00 | 487 | 0.003401 |
| 7.40 | 153.00 | 1693 | |
| 7.40 | 152.00 | 245 | |

Reviewer: G4KC, 15-Aug-2025 03:57:24 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

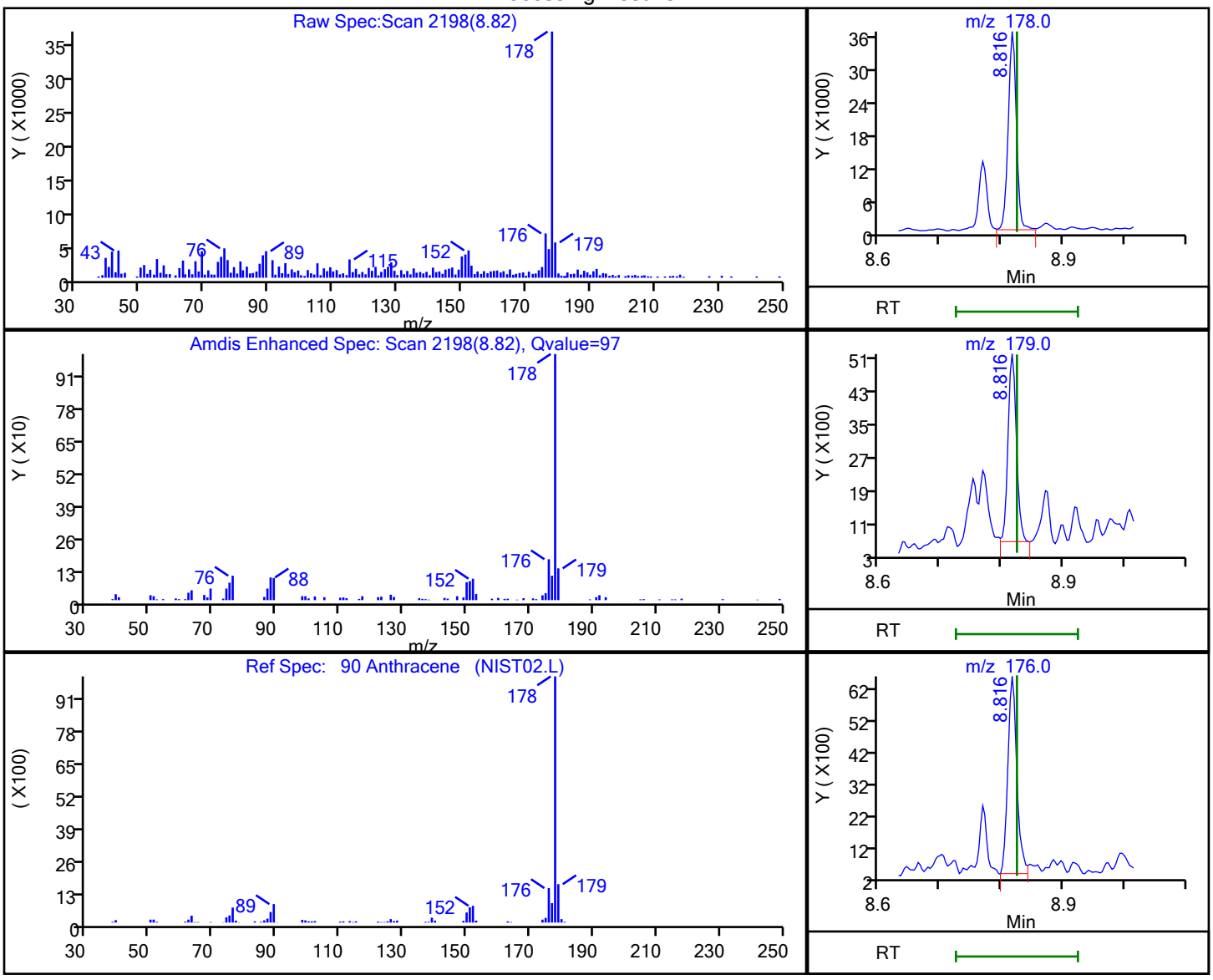
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.82 | 178.00 | 33139 | 0.158064 |
| 8.82 | 179.00 | 4408 | |
| 8.82 | 176.00 | 6400 | |

Reviewer: G4KC, 15-Aug-2025 03:57:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

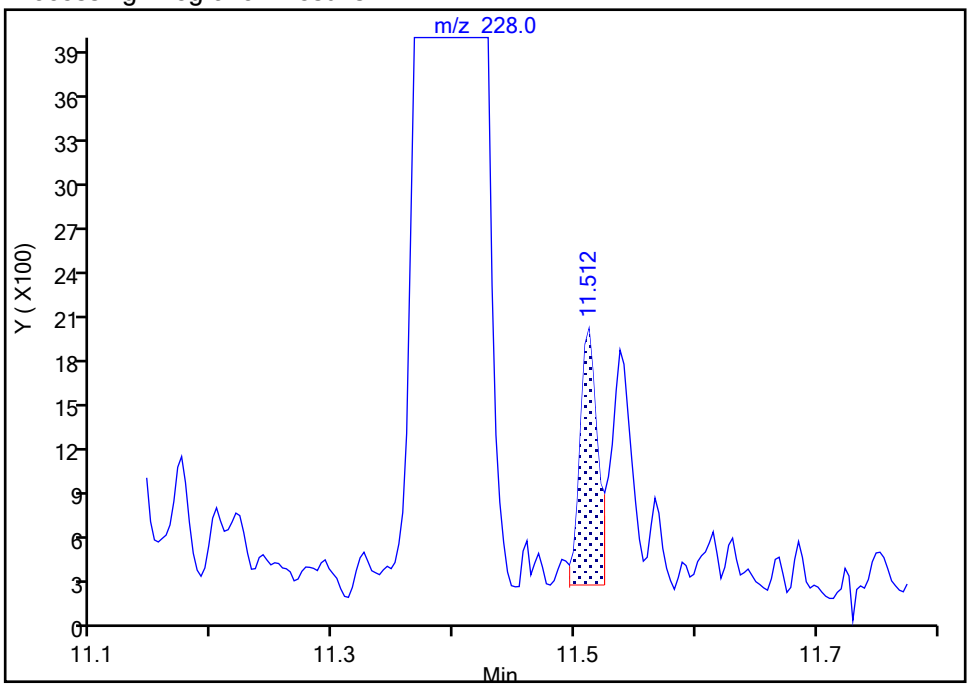
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Signal: 1

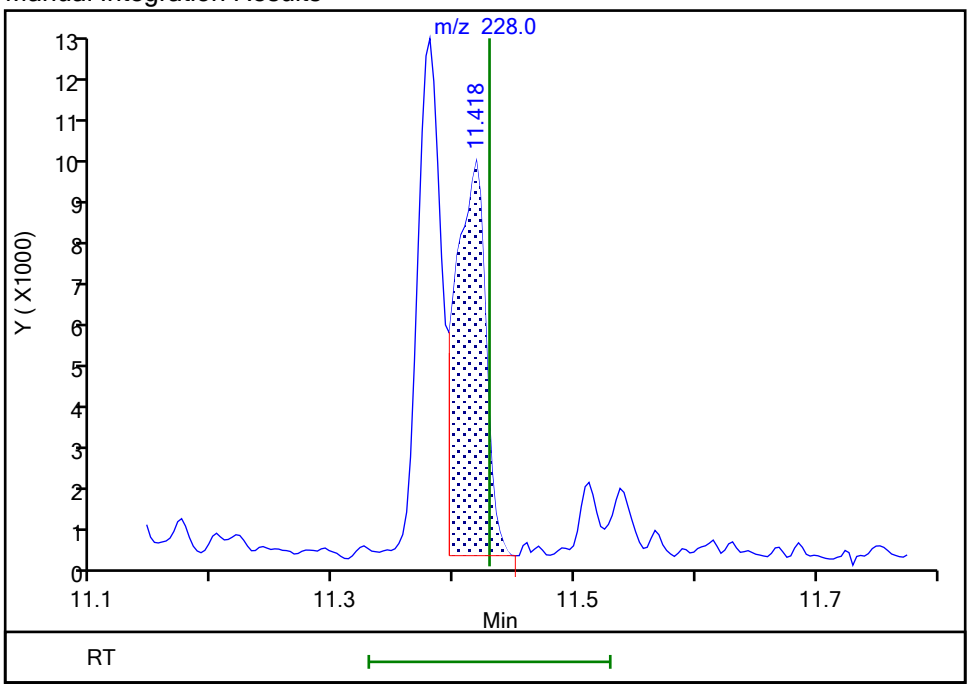
Processing Integration Results

RT: 11.51
Area: 1791
Amount: 0.014565
Amount Units: ug/ml




Manual Integration Results

RT: 11.42
Area: 16302
Amount: 0.132570
Amount Units: ug/ml




Reviewer: G4KC, 15-Aug-2025 03:57:35 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

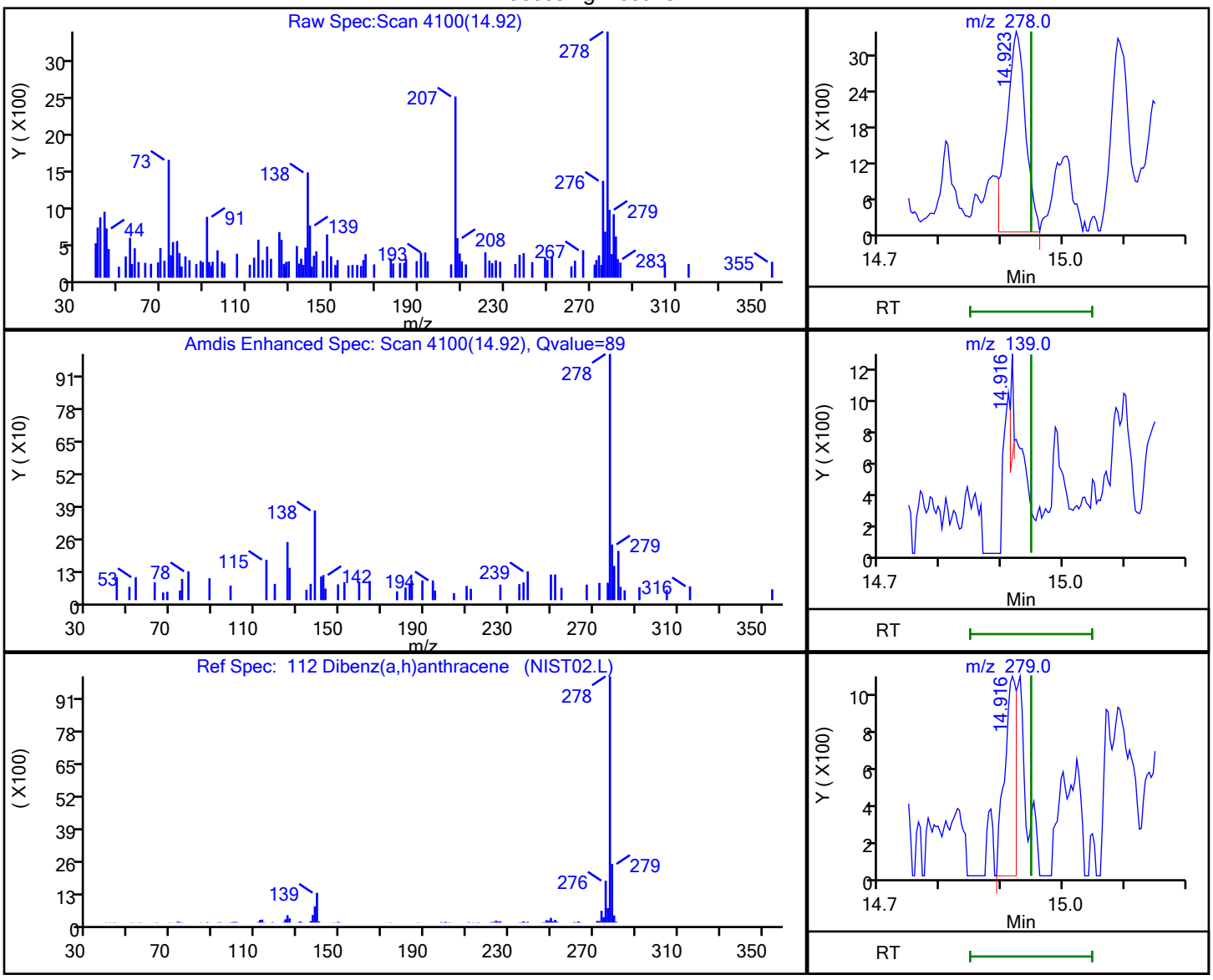
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 112 Dibenz(a,h)anthracene, CAS: 53-70-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 14.92 | 278.00 | 7089 | 0.079123 |
| 14.92 | 139.00 | 200 | |
| 14.92 | 279.00 | 1325 | |

Reviewer: C8UP, 15-Aug-2025 16:46:10 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

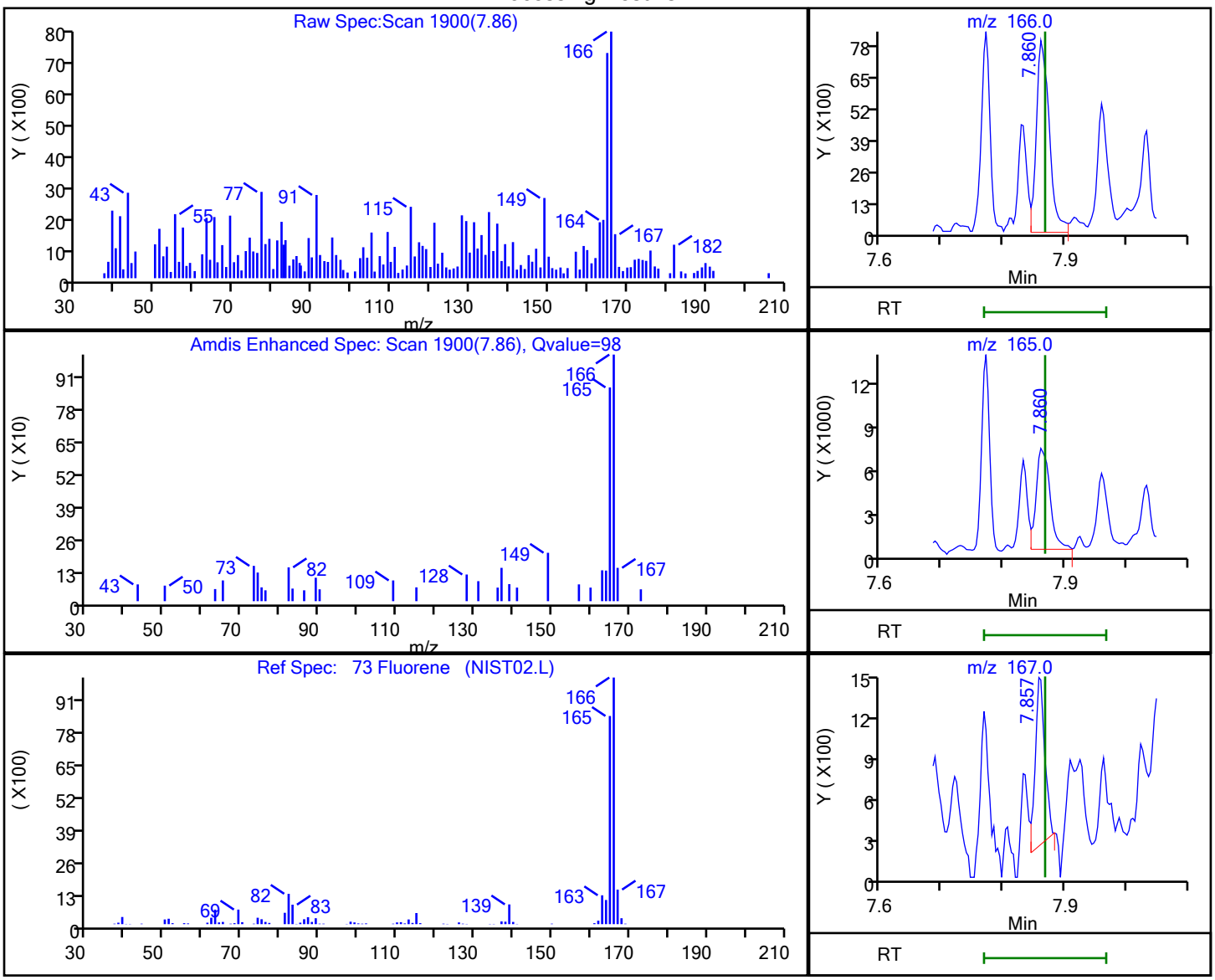
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D
Injection Date: 15-Aug-2025 00:34:30 Instrument ID: CBNAMS18
Lims ID: 460-332739-E-8-A Lab Sample ID: 460-332739-8
Client ID: HHMW-09S1
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 73 Fluorene, CAS: 86-73-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.86 | 166.00 | 11637 | 0.069086 |
| 7.86 | 165.00 | 10836 | |
| 7.86 | 167.00 | 1315 | |

Reviewer: G4KC, 15-Aug-2025 03:57:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

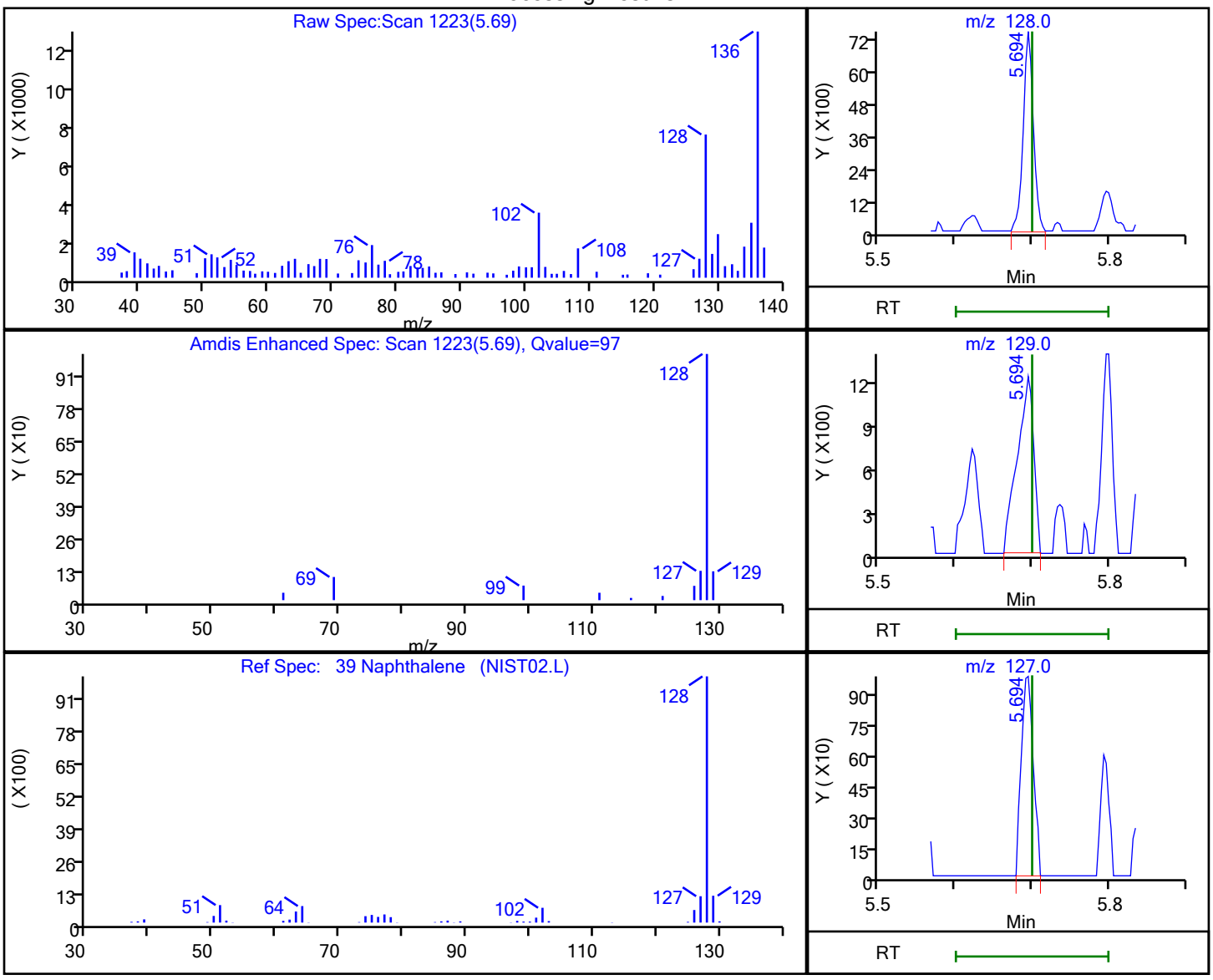
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.69 | 128.00 | 6828 | 0.025524 |
| 5.69 | 129.00 | 1849 | |
| 5.69 | 127.00 | 1077 | |

Reviewer: G4KC, 15-Aug-2025 03:57:19 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

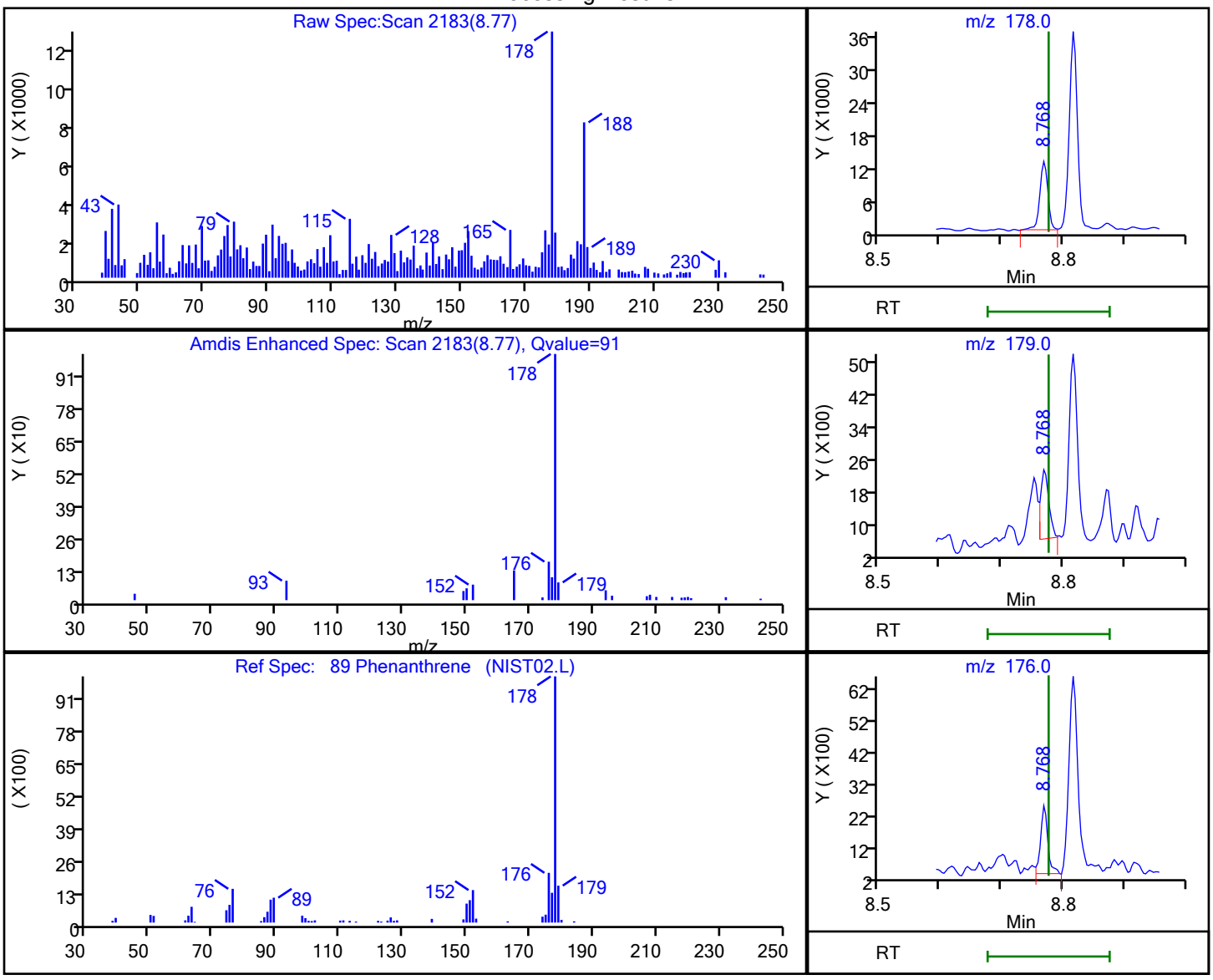
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.77 | 178.00 | 11758 | 0.057589 |
| 8.77 | 179.00 | 1538 | |
| 8.77 | 176.00 | 1796 | |

Reviewer: G4KC, 15-Aug-2025 03:57:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

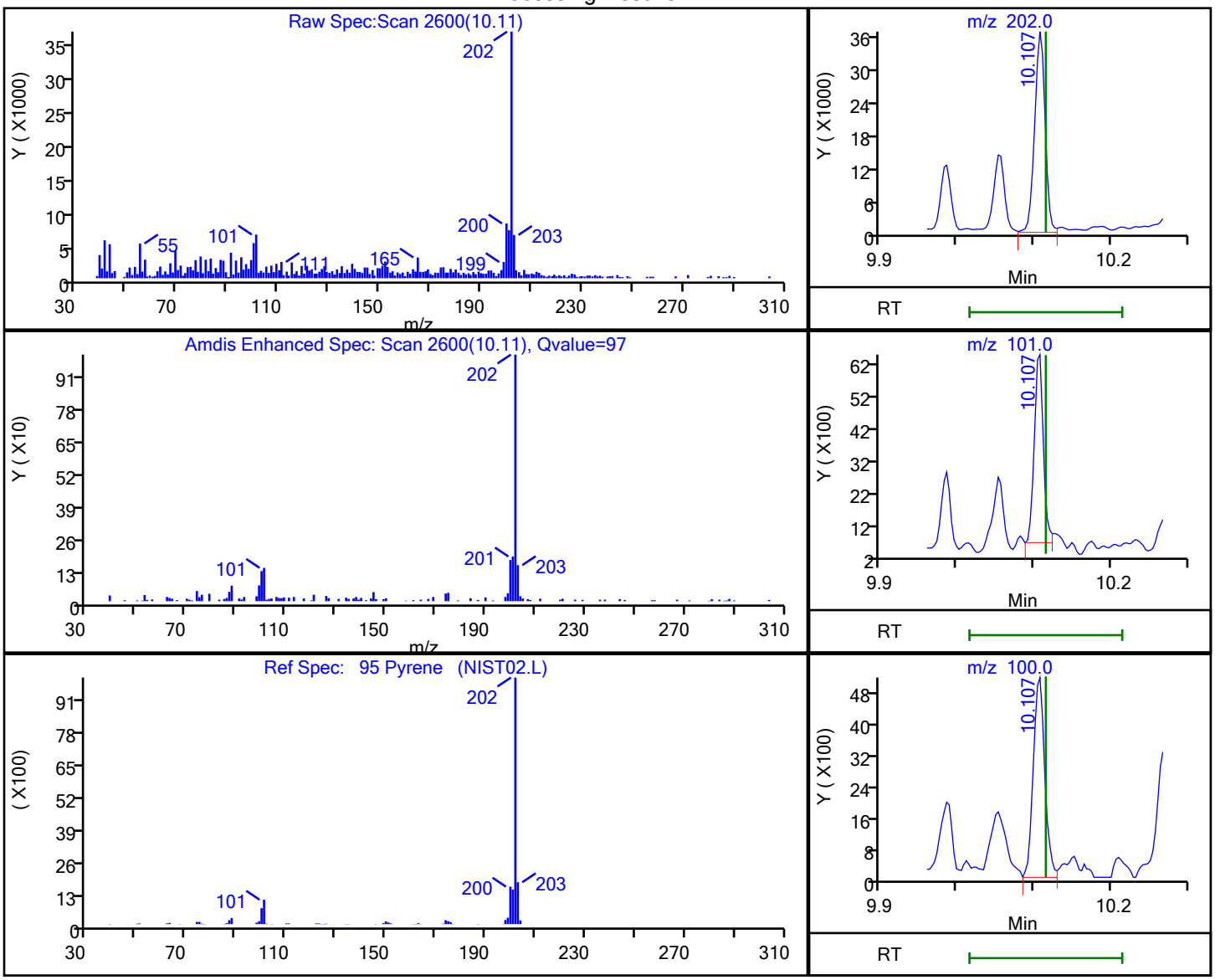
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94287.D | | | | |
| Injection Date: | 15-Aug-2025 00:34:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-8-A | Lab Sample ID: | 460-332739-8 | | |
| Client ID: | HHMW-09S1 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.11 | 202.00 | 33746 | 0.199668 |
| 10.11 | 101.00 | 4786 | |
| 10.11 | 100.00 | 5413 | |

Reviewer: G4KC, 15-Aug-2025 03:57:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: FB-20250812 | Lab Sample ID: 460-332739-9

Matrix: Water | Lab File ID: P94282.D

Analysis Method: 8270E | Date Collected: 08/12/2025 13:40

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 22:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 73 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 73 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 59 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D
Lims ID: 460-332739-E-9-A
Client ID: FB-20250812
Sample Type: Client
Inject. Date: 14-Aug-2025 22:47:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-019
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:53:51 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:53:51

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.468 | 4.469 | -0.001 | 97 | 478110 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.988 | 4.993 | -0.005 | 88 | 833335 | 7.34 | |
| * 38 Naphthalene-d8 | 136 | 5.677 | 5.680 | -0.003 | 99 | 1984922 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.705 | 6.709 | -0.004 | 97 | 1437467 | 7.26 | |
| * 64 Acenaphthene-d10 | 164 | 7.343 | 7.346 | -0.003 | 96 | 1010469 | 8.00 | |
| * 88 Phenanthrene-d10 | 188 | 8.748 | 8.750 | -0.002 | 99 | 1696157 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 10.270 | 10.275 | -0.005 | 98 | 1077788 | 5.91 | |
| * 103 Chrysene-d12 | 240 | 11.391 | 11.397 | -0.006 | 99 | 1037699 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.303 | 13.311 | -0.008 | 98 | 946754 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

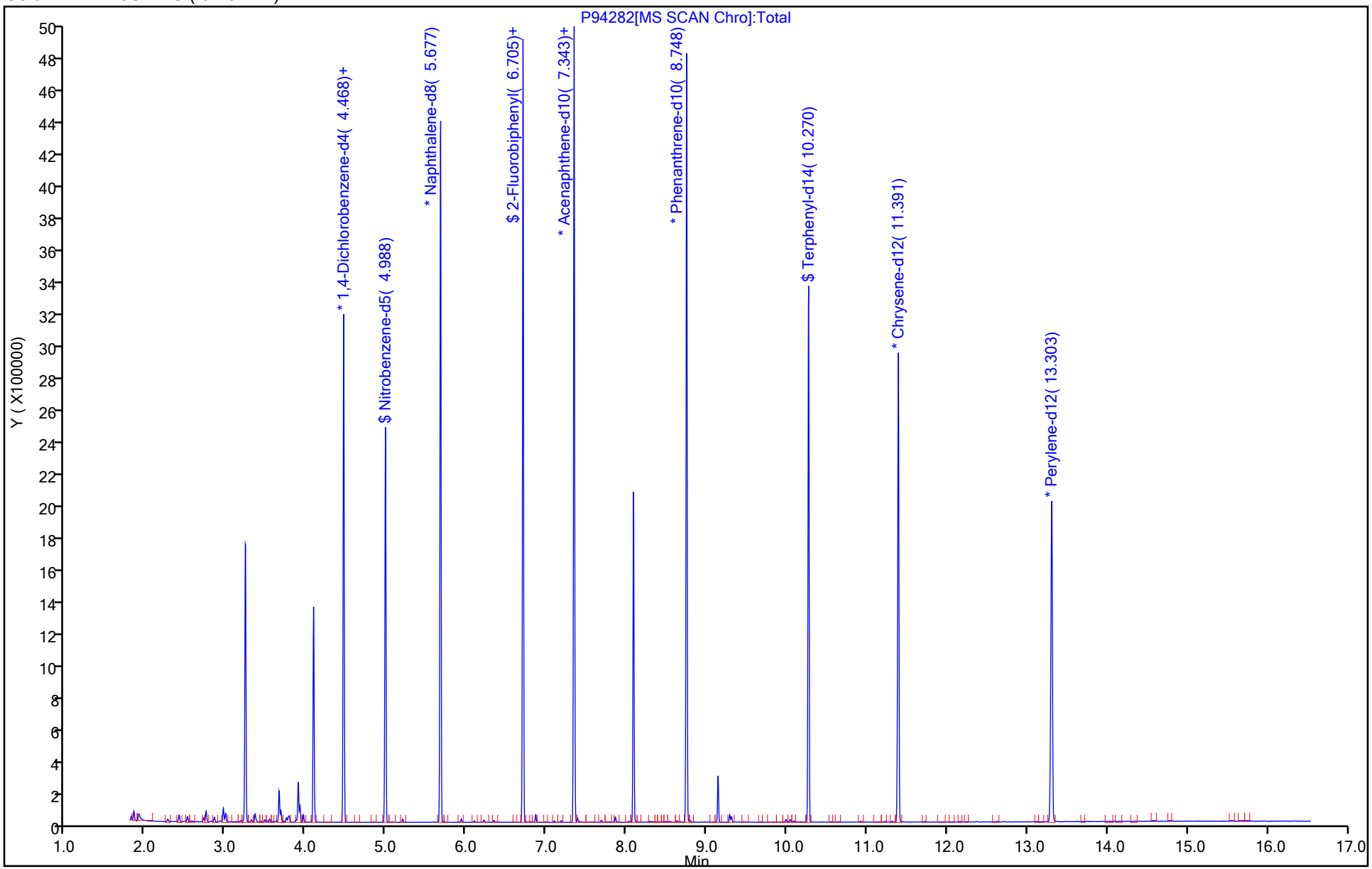
Report Date: 15-Aug-2025 03:53:51 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 22:47:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-9-A | Lab Sample ID: | 460-332739-9 | Worklist Smp#: | 19 |
| Client ID: | FB-20250812 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 19 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D | | | | |
| Lims ID: | 460-332739-E-9-A | | | | |
| Client ID: | FB-20250812 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 14-Aug-2025 22:47:30 | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0194928-019 | | | | |
| Operator ID: | | Instrument ID: | CBNAMS18 | | |
| Method: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m | | | | |
| Limit Group: | SV 8270E ICAL | | | | |
| Last Update: | 15-Aug-2025 03:53:51 | Calib Date: | 11-Aug-2025 11:34:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D | | | | |
| Column 1 : | Rtxi-5Sil MS ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1707 | | | | |

First Level Reviewer: G4KC Date: 15-Aug-2025 03:53:51

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.34 | 73.36 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.26 | 72.63 |
| $ 97 Terphenyl-d14 | 10.0 | 5.91 | 59.05 |

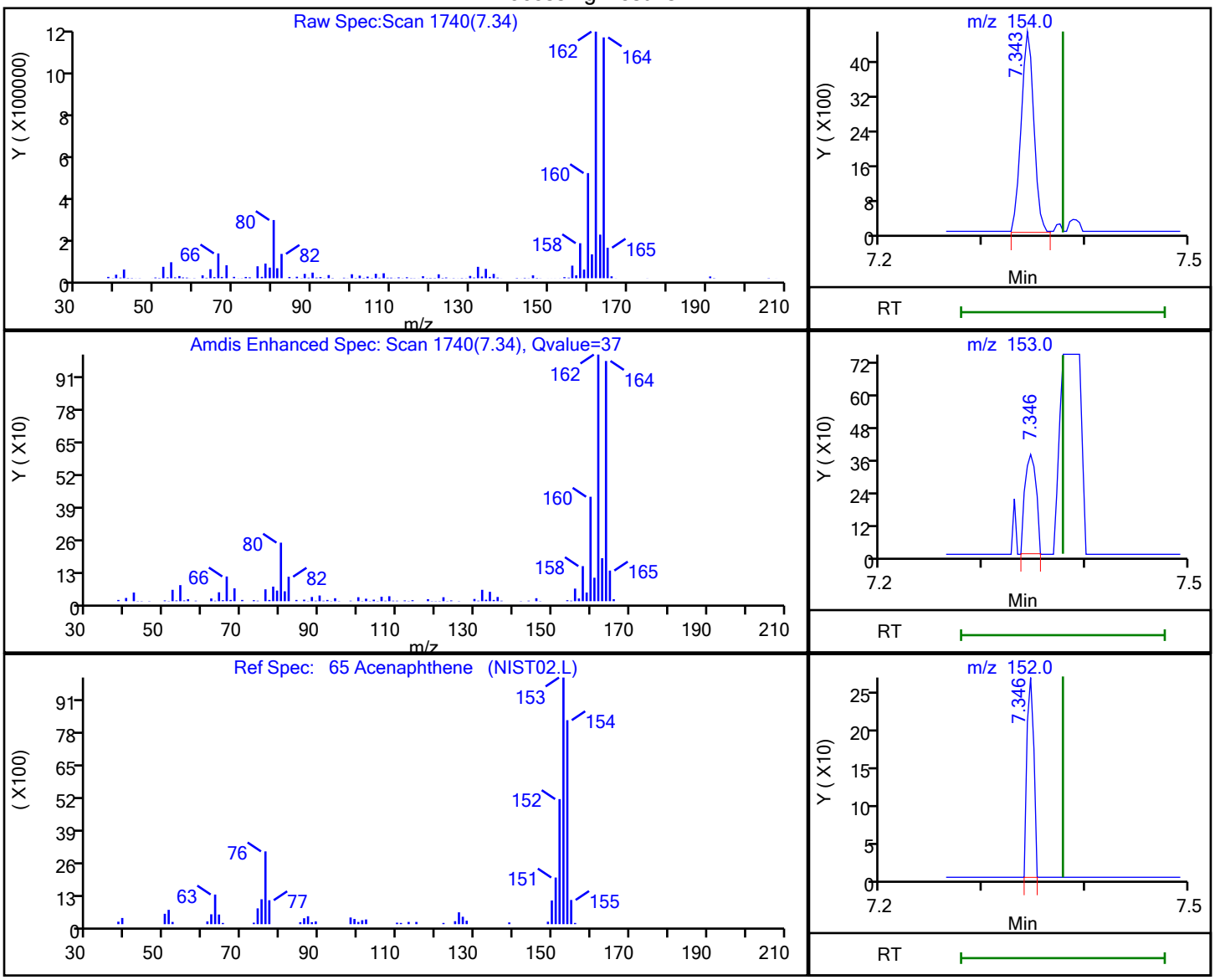
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D | | | | |
| Injection Date: | 14-Aug-2025 22:47:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-9-A | Lab Sample ID: | 460-332739-9 | | |
| Client ID: | FB-20250812 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 65 Acenaphthene, CAS: 83-32-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.34 | 154.00 | 3996 | 0.026693 |
| 7.35 | 153.00 | 285 | |
| 7.35 | 152.00 | 123 | |

Reviewer: G4KC, 15-Aug-2025 03:53:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

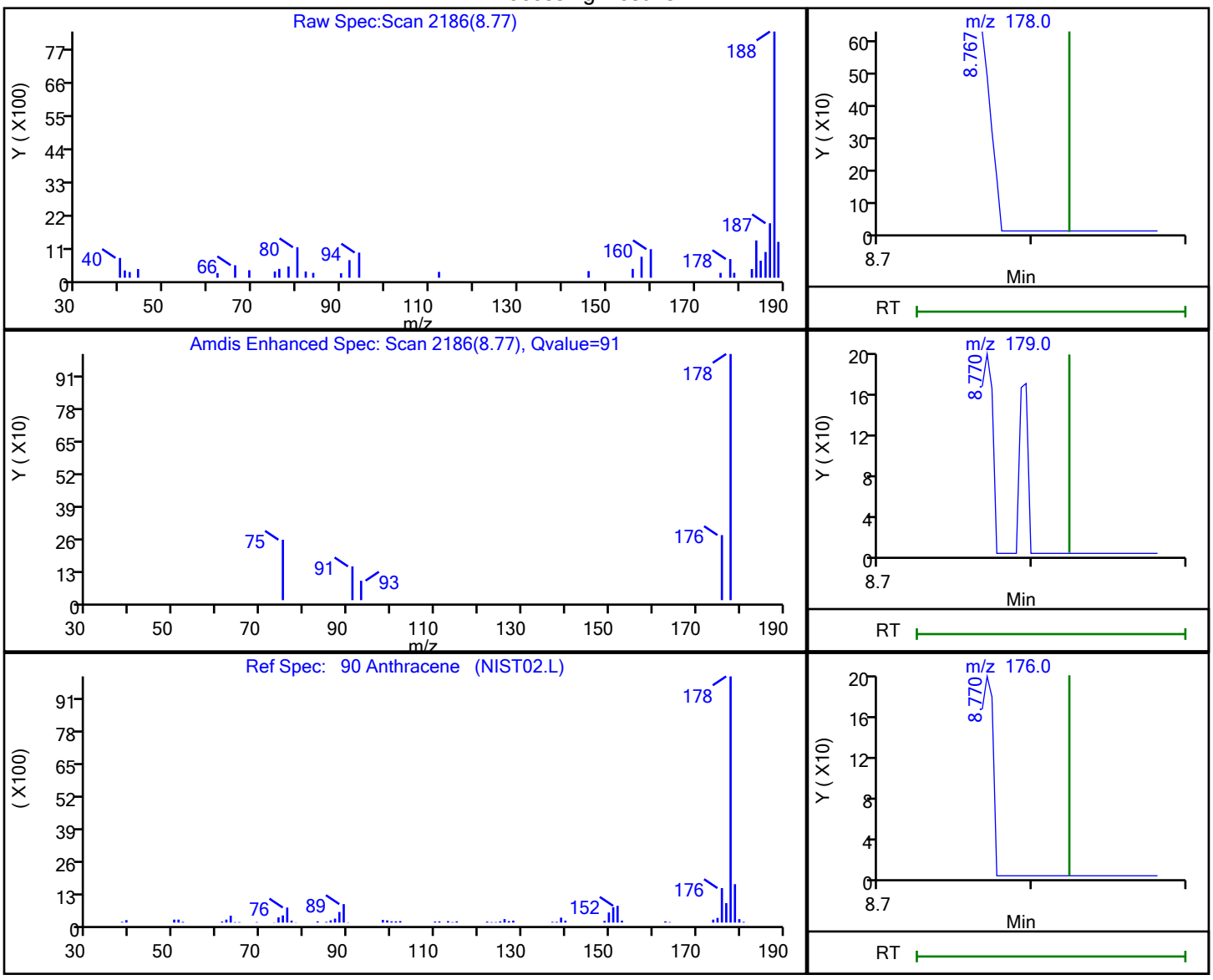
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D | | | | |
| Injection Date: | 14-Aug-2025 22:47:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-9-A | Lab Sample ID: | 460-332739-9 | | |
| Client ID: | FB-20250812 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.77 | 178.00 | 468 | 0.001942 |
| 8.77 | 179.00 | 100 | |
| 8.77 | 176.00 | 101 | |

Reviewer: G4KC, 15-Aug-2025 03:53:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

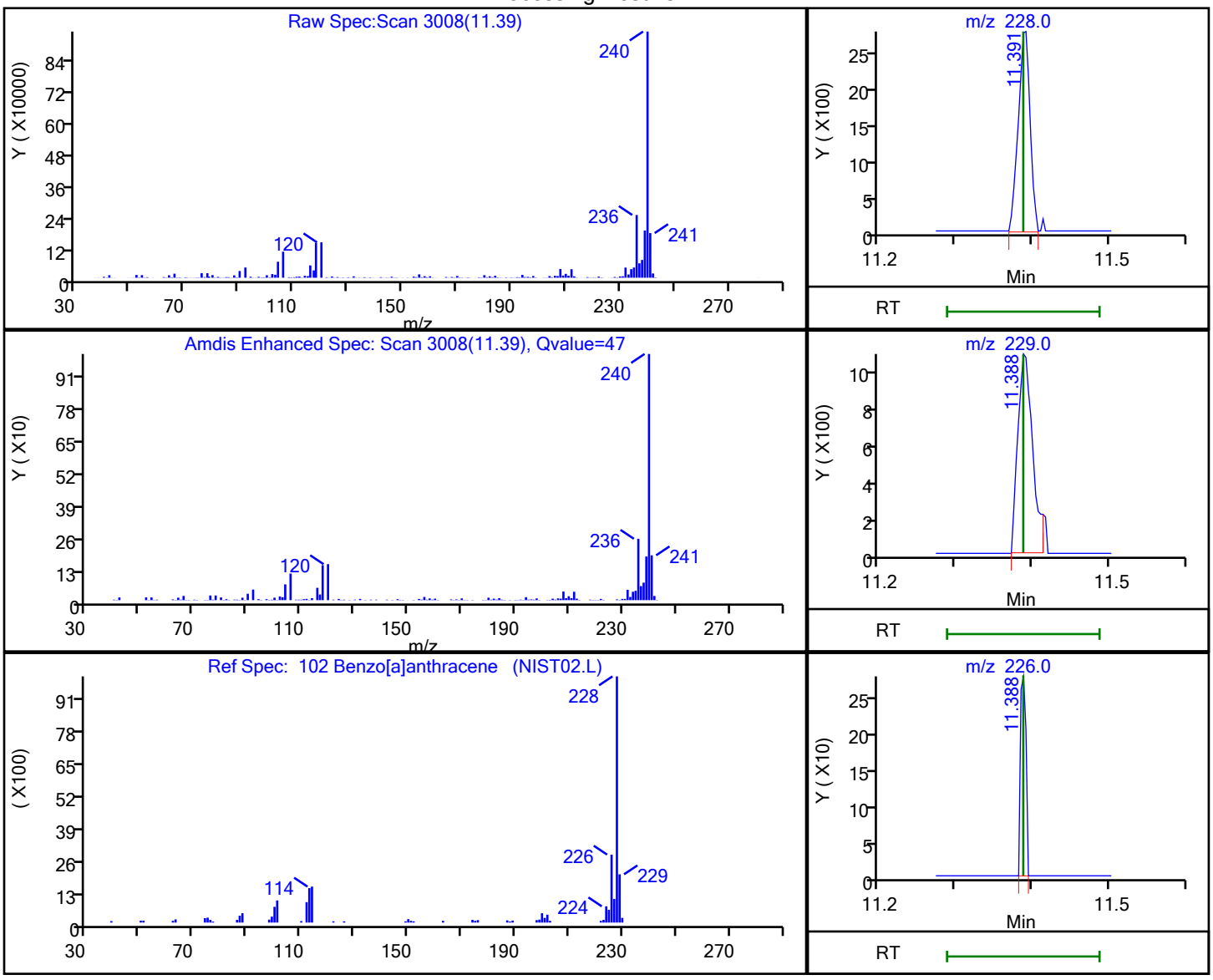
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D | | | | |
| Injection Date: | 14-Aug-2025 22:47:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-9-A | Lab Sample ID: | 460-332739-9 | | |
| Client ID: | FB-20250812 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 3006 | -0.002809 |
| 11.39 | 229.00 | 1423 | |
| 11.39 | 226.00 | 142 | |

Reviewer: G4KC, 15-Aug-2025 03:53:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

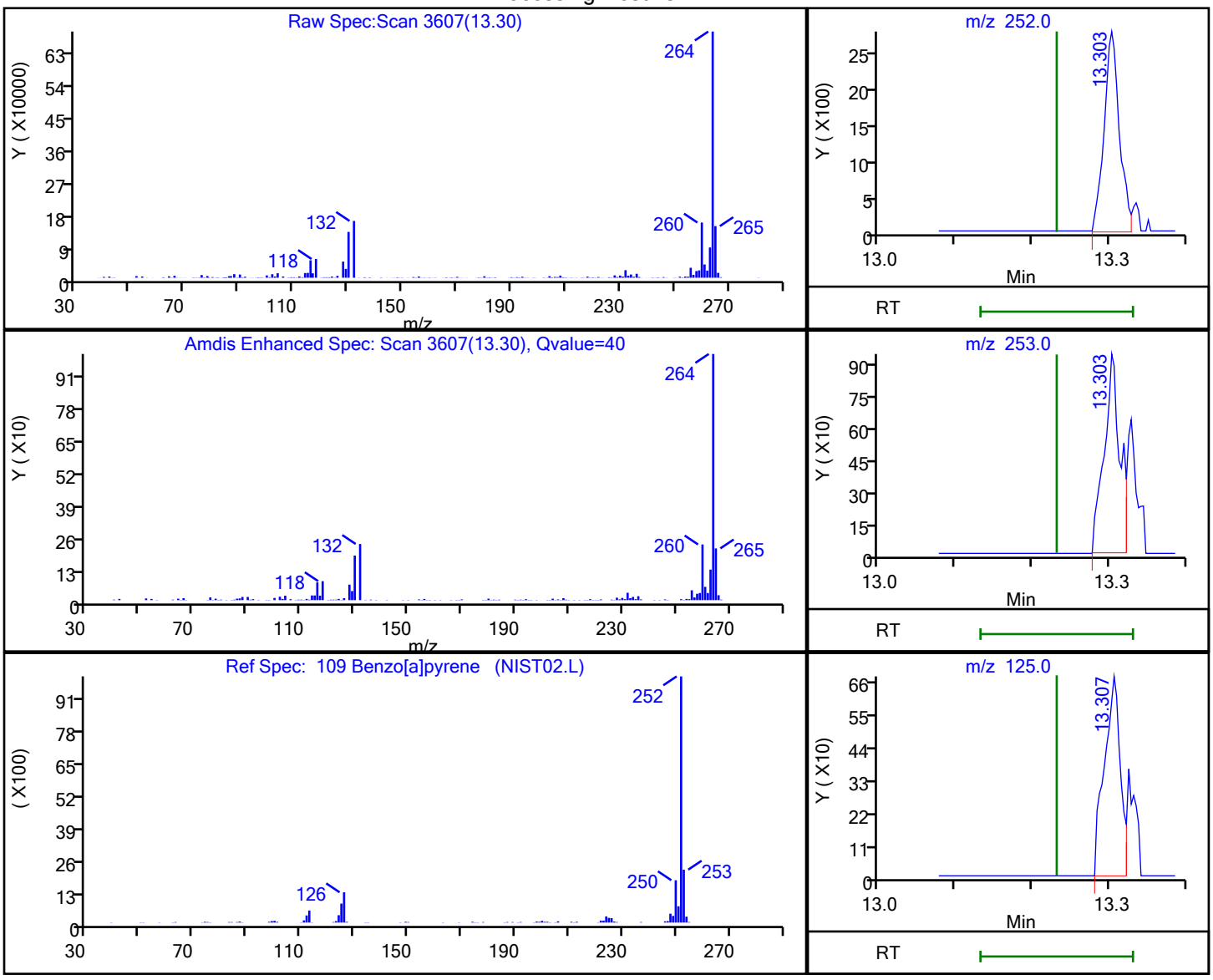
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D | | | | |
| Injection Date: | 14-Aug-2025 22:47:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-9-A | Lab Sample ID: | 460-332739-9 | | |
| Client ID: | FB-20250812 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.30 | 252.00 | 3883 | 0.030371 |
| 13.30 | 253.00 | 1357 | |
| 13.31 | 125.00 | 991 | |

Reviewer: G4KC, 15-Aug-2025 03:53:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

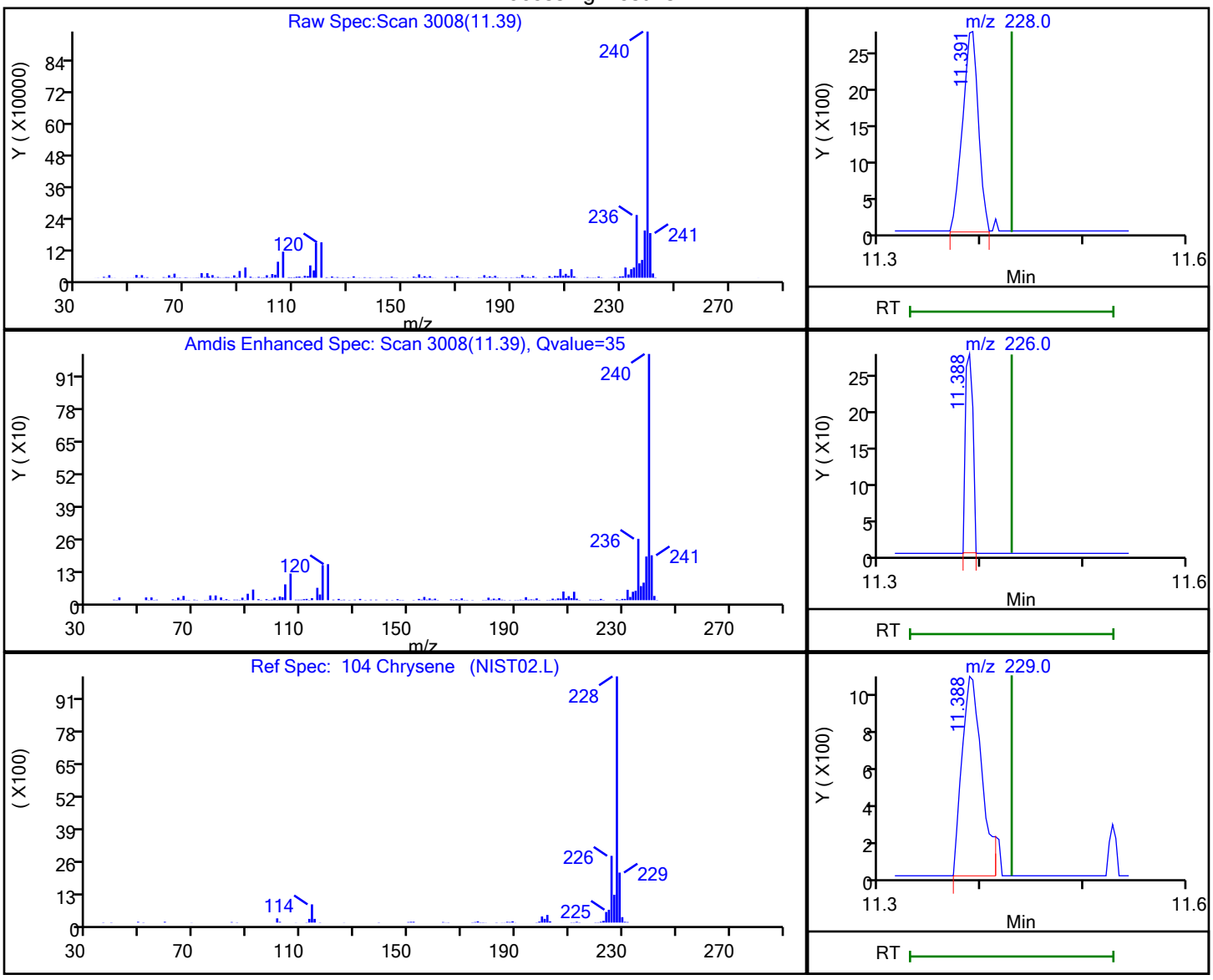
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D | | | | |
| Injection Date: | 14-Aug-2025 22:47:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-9-A | Lab Sample ID: | 460-332739-9 | | |
| Client ID: | FB-20250812 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 3006 | 0.018415 |
| 11.39 | 226.00 | 142 | |
| 11.39 | 229.00 | 1423 | |

Reviewer: G4KC, 15-Aug-2025 03:53:46 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

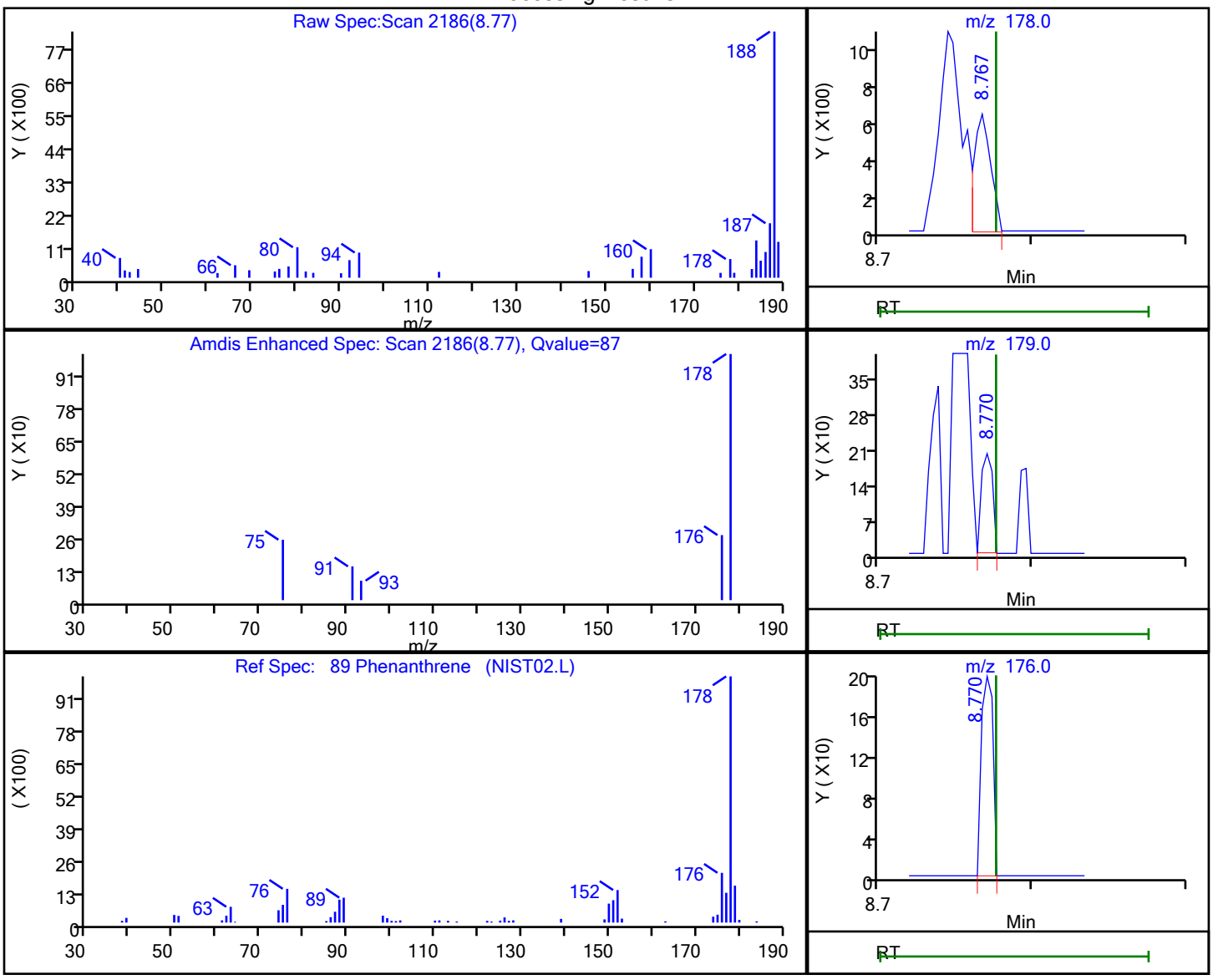
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94282.D | | | | |
| Injection Date: | 14-Aug-2025 22:47:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-9-A | Lab Sample ID: | 460-332739-9 | | |
| Client ID: | FB-20250812 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.77 | 178.00 | 468 | 0.001994 |
| 8.77 | 179.00 | 100 | |
| 8.77 | 176.00 | 101 | |

Reviewer: G4KC, 15-Aug-2025 03:53:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: DUP-01 | Lab Sample ID: 460-332739-11

Matrix: Water | Lab File ID: P94283.D

Analysis Method: 8270E | Date Collected: 08/12/2025 00:00

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:08

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 23:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 1.7 | J | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 16 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 6.9 | J | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 0.65 | J | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 3.4 | J | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 76 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 79 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 60 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D
Lims ID: 460-332739-E-11-A
Client ID: DUP-01
Sample Type: Client
Inject. Date: 14-Aug-2025 23:09:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-020
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:54:10 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:54:10

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.467 | 4.469 | -0.002 | 98 | 443701 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.988 | 4.993 | -0.005 | 88 | 797321 | 7.92 | |
| * 38 Naphthalene-d8 | 136 | 5.674 | 5.680 | -0.006 | 100 | 1758134 | 8.00 | |
| 39 Naphthalene | 128 | 5.693 | 5.699 | -0.006 | 98 | 19263 | 0.0811 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.705 | 6.709 | -0.004 | 97 | 1351608 | 7.58 | |
| 62 Acenaphthylene | 152 | 7.207 | 7.209 | -0.005 | 98 | 463561 | 1.99 | |
| * 64 Acenaphthene-d10 | 164 | 7.341 | 7.346 | -0.005 | 96 | 910574 | 8.00 | |
| 65 Acenaphthene | 154 | 7.370 | 7.378 | -0.008 | 95 | 29033 | 0.2152 | |
| 73 Fluorene | 166 | 7.859 | 7.864 | -0.008 | 96 | 137787 | 0.8682 | |
| * 88 Phenanthrene-d10 | 188 | 8.748 | 8.750 | -0.002 | 99 | 1504837 | 8.00 | |
| 89 Phenanthrene | 178 | 8.767 | 8.776 | -0.009 | 98 | 87810 | 0.4217 | |
| $ 97 Terphenyl-d14 | 244 | 10.269 | 10.275 | -0.006 | 99 | 944347 | 6.04 | |
| * 103 Chrysene-d12 | 240 | 11.390 | 11.397 | -0.007 | 99 | 888907 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.305 | 13.311 | -0.007 | 98 | 809242 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

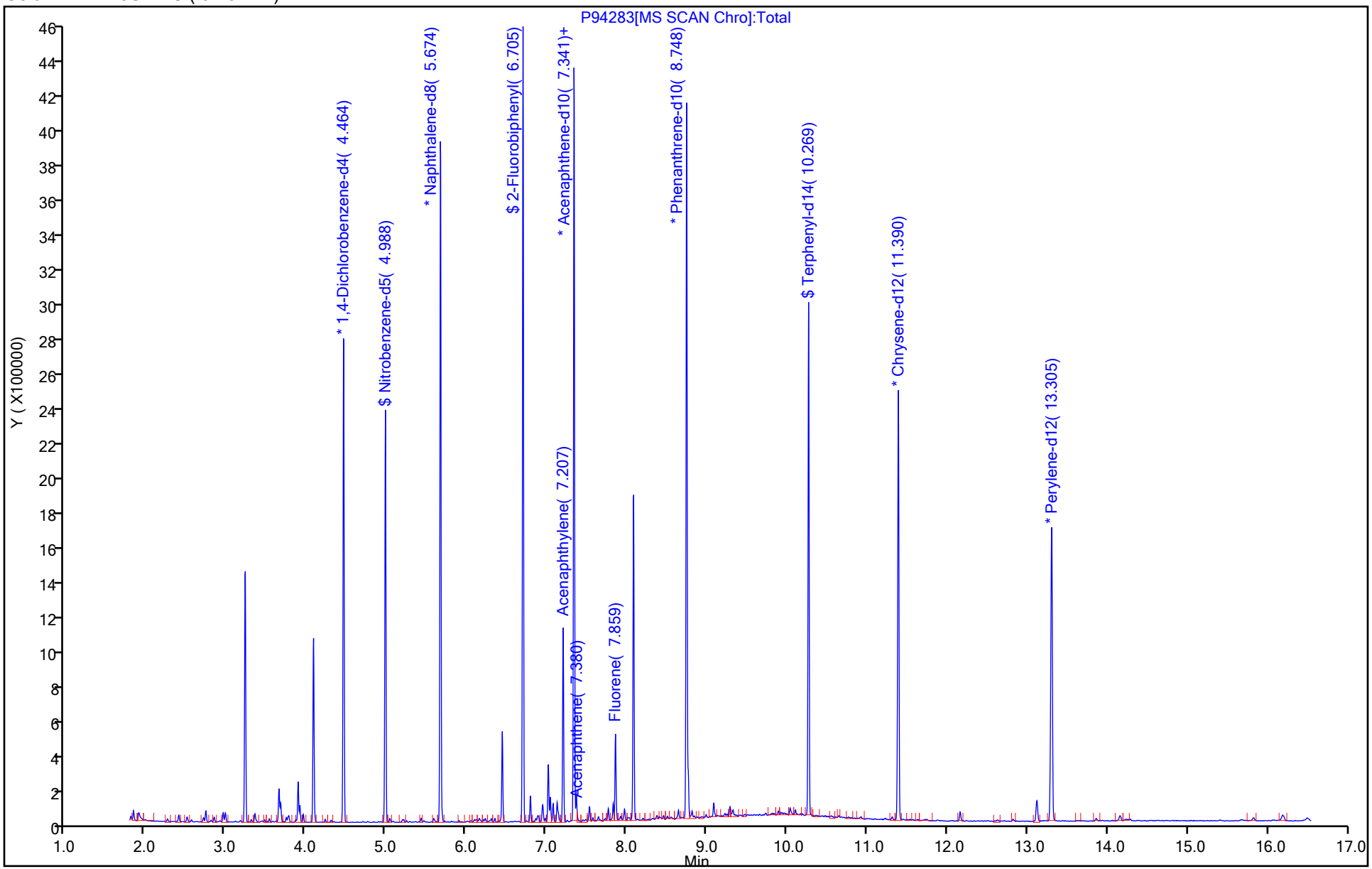
Report Date: 15-Aug-2025 03:54:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | Worklist Smp#: | 20 |
| Client ID: | DUP-01 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D
Lims ID: 460-332739-E-11-A
Client ID: DUP-01
Sample Type: Client
Inject. Date: 14-Aug-2025 23:09:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-020
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:54:10 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 03:54:10

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 28 Nitrobenzene-d5 | 10.0 | 7.92 | 79.24 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.58 | 75.79 |
| $ 97 Terphenyl-d14 | 10.0 | 6.04 | 60.40 |

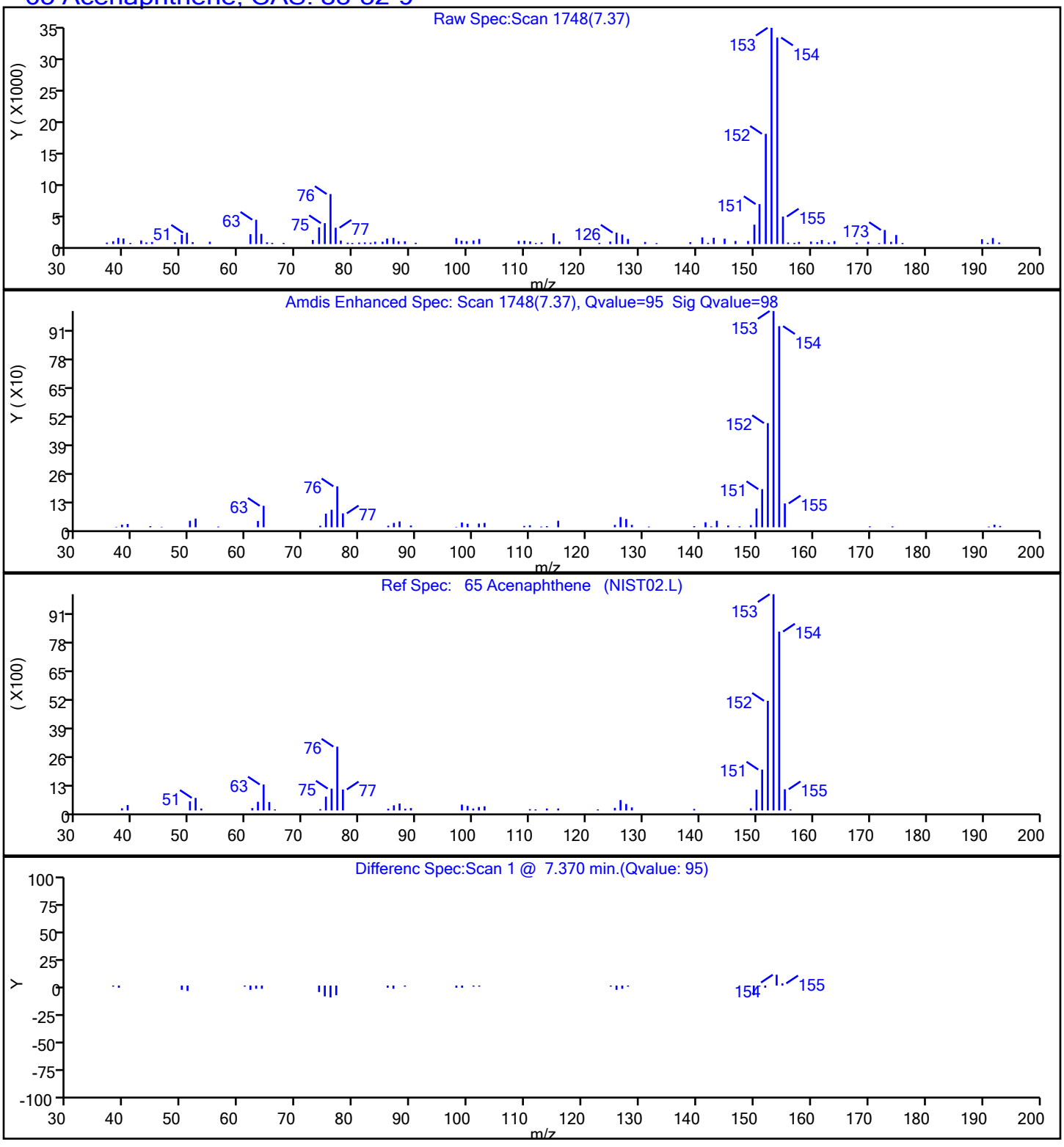
Report Date: 15-Aug-2025 03:54:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 65 Acenaphthene, CAS: 83-32-9



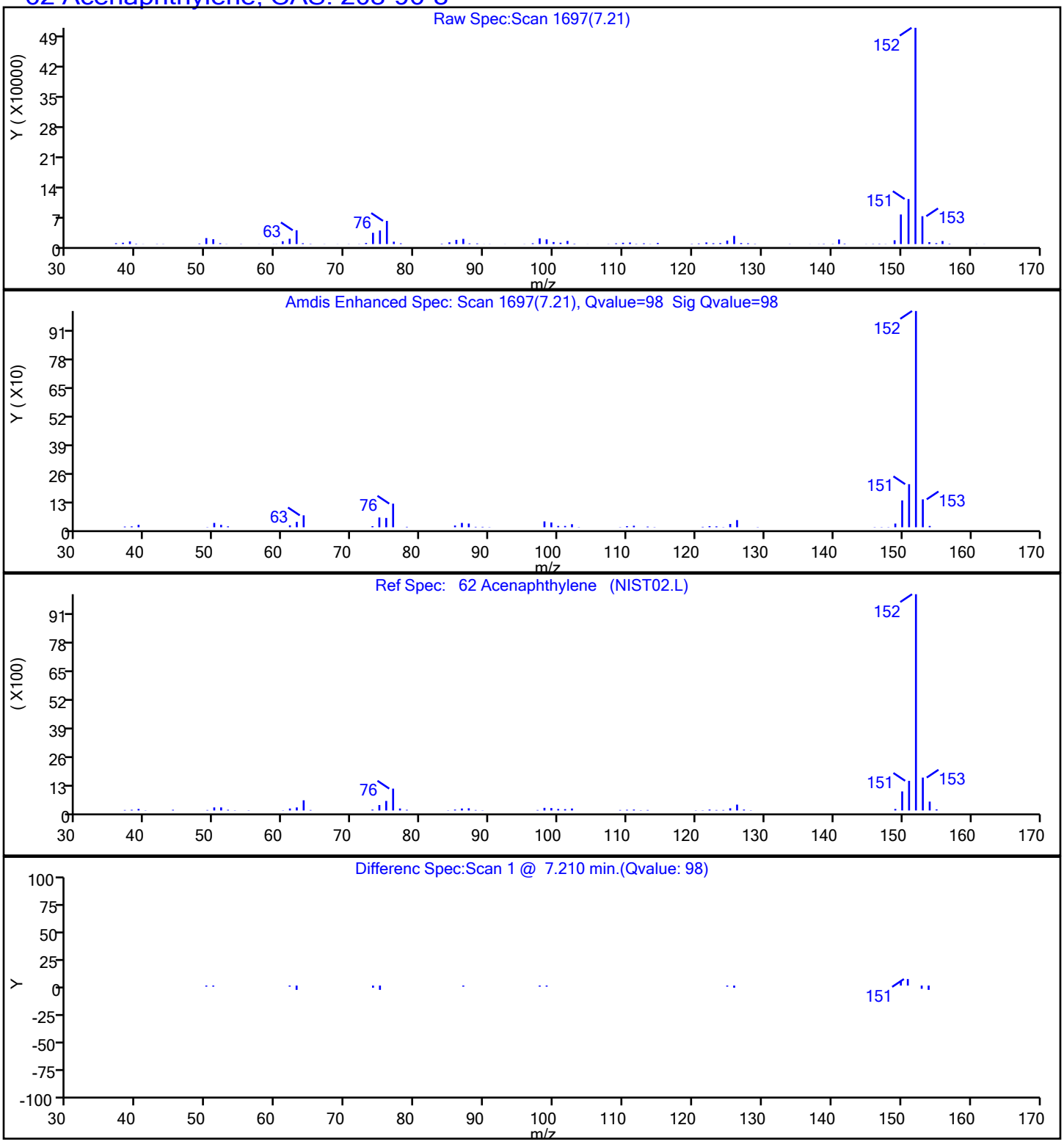
Report Date: 15-Aug-2025 03:54:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Acenaphthylene, CAS: 208-96-8



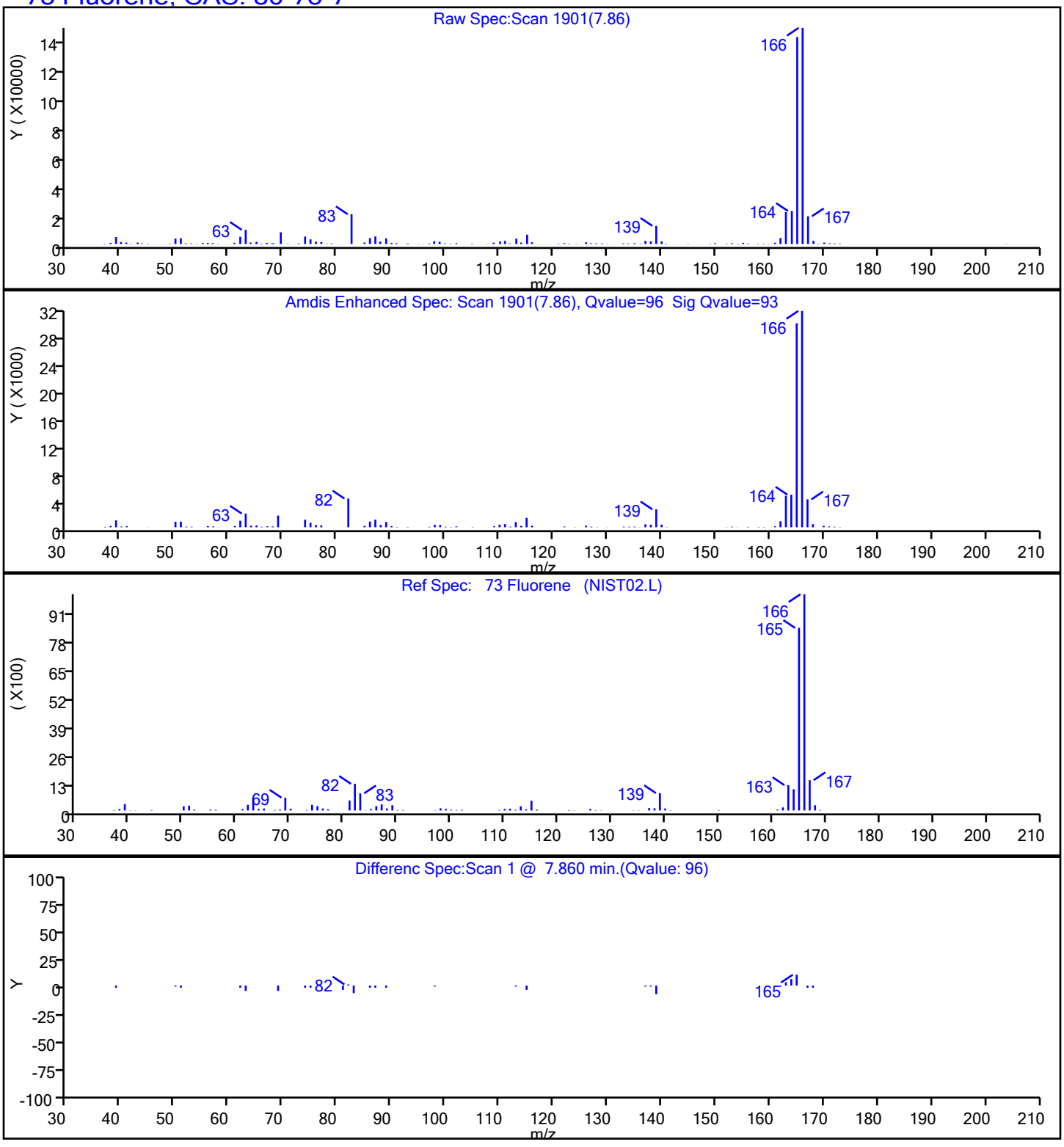
Report Date: 15-Aug-2025 03:54:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 73 Fluorene, CAS: 86-73-7



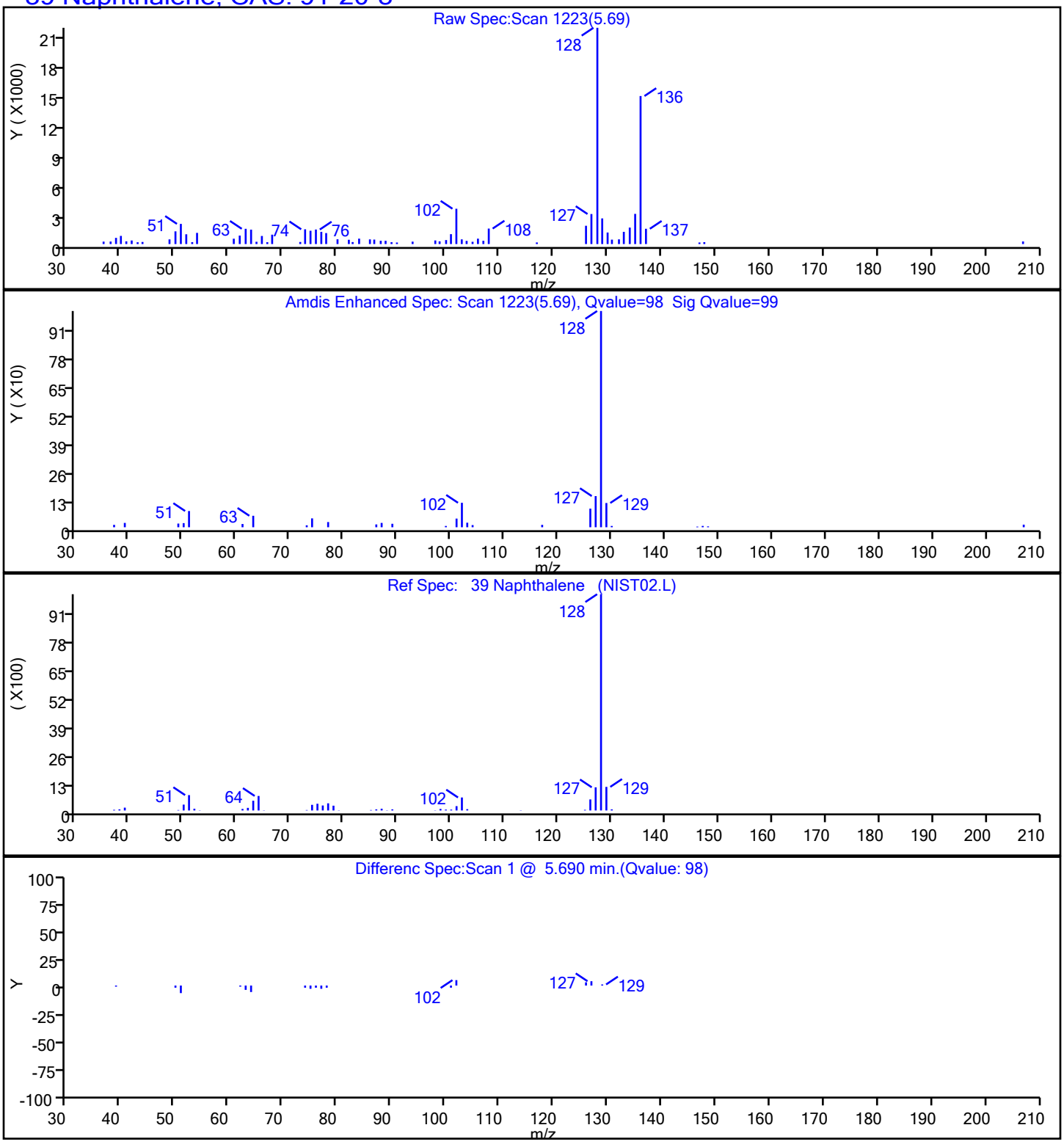
Report Date: 15-Aug-2025 03:54:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3



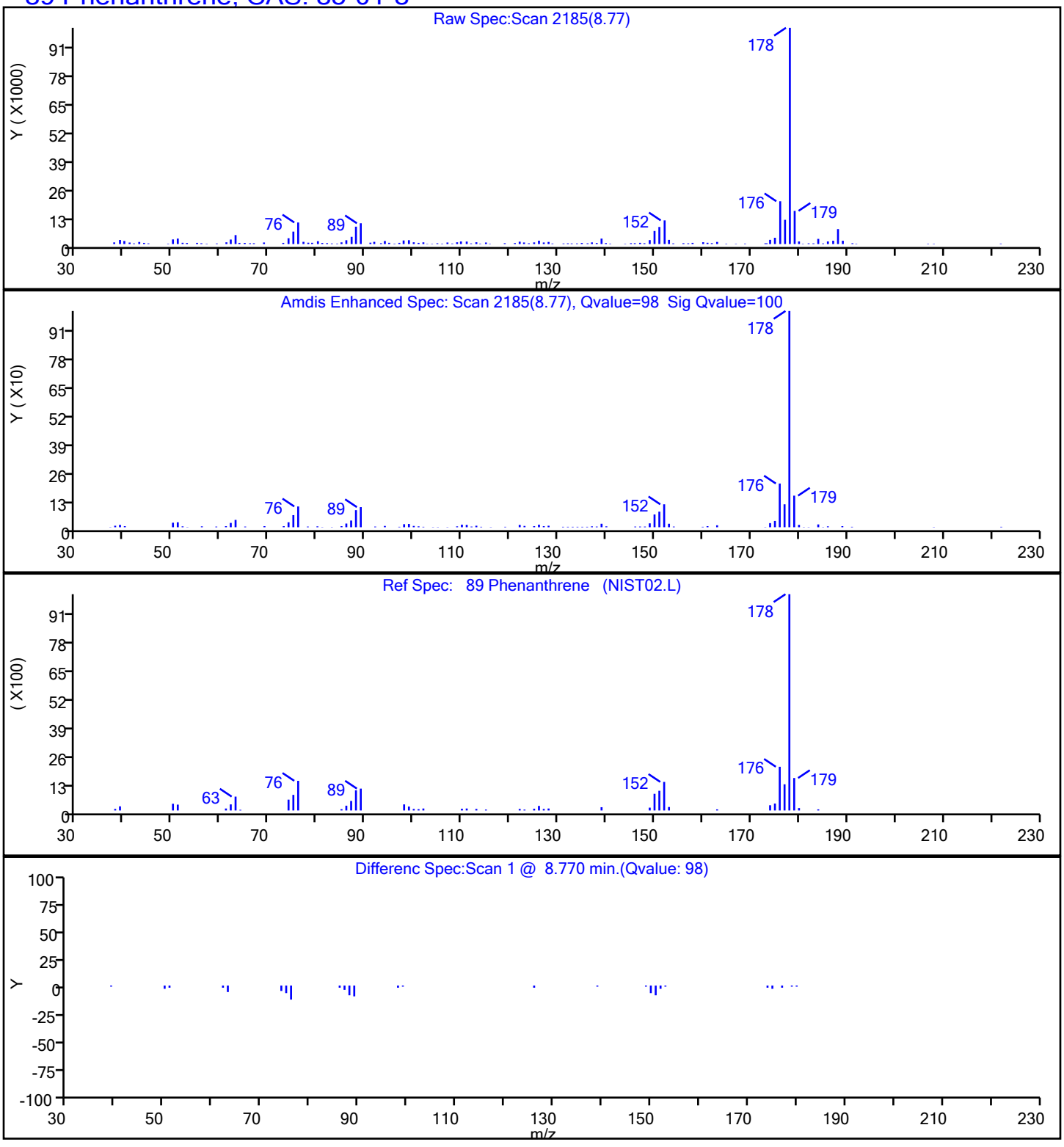
Report Date: 15-Aug-2025 03:54:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8



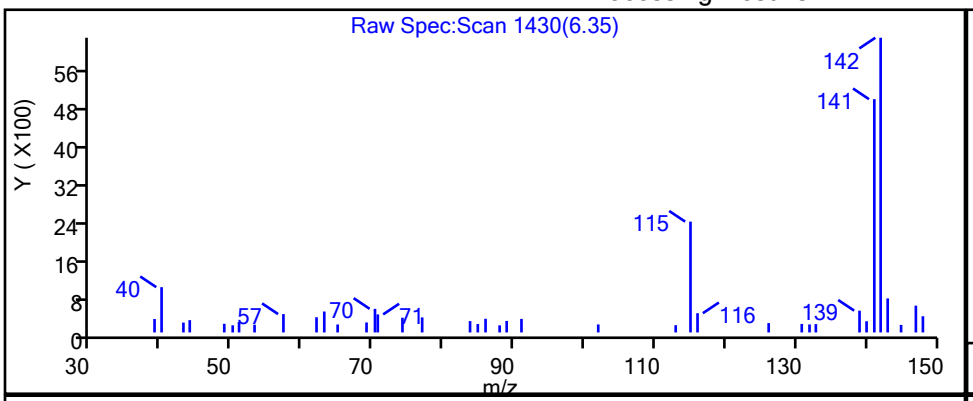
User Disabled Compound Report

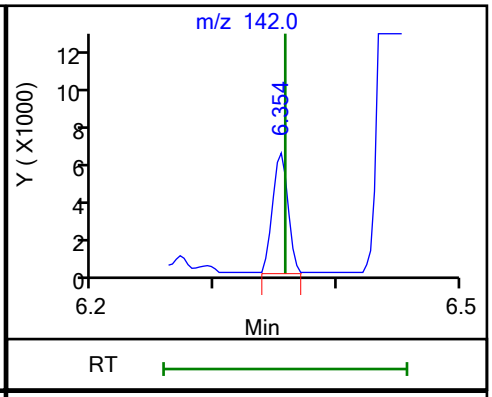
Eurofins Edison

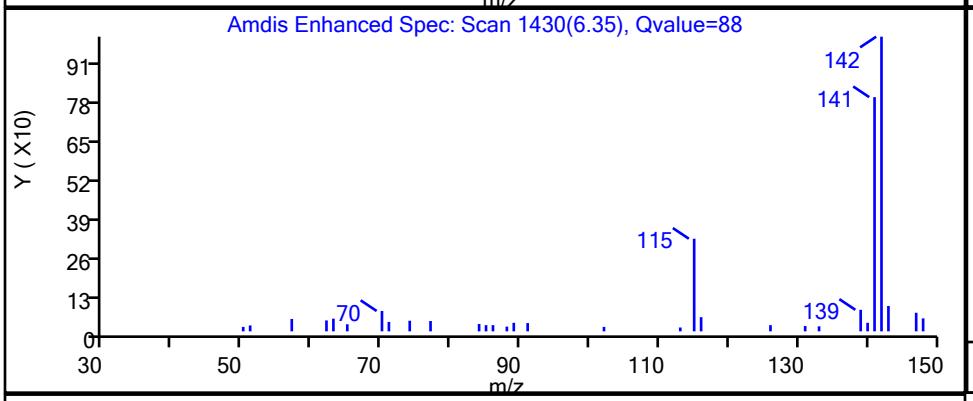
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D | | | | |
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

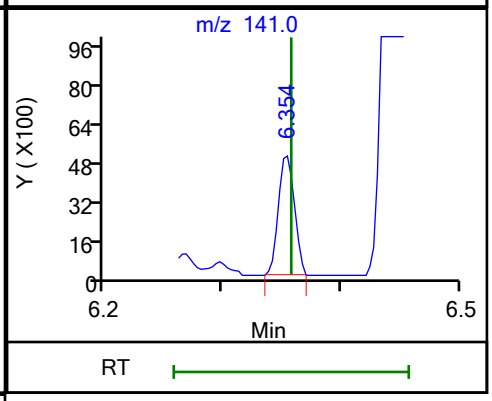
## 46 2-Methylnaphthalene, CAS: 91-57-6

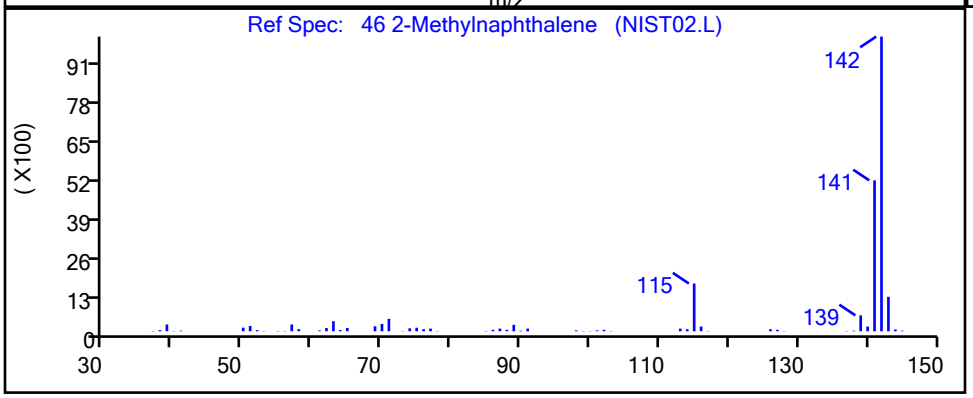
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.35 | 142.00 | 5504 | 0.039387 |
| 6.35 | 141.00 | 4765 | |

Reviewer: G4KC, 15-Aug-2025 03:53:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

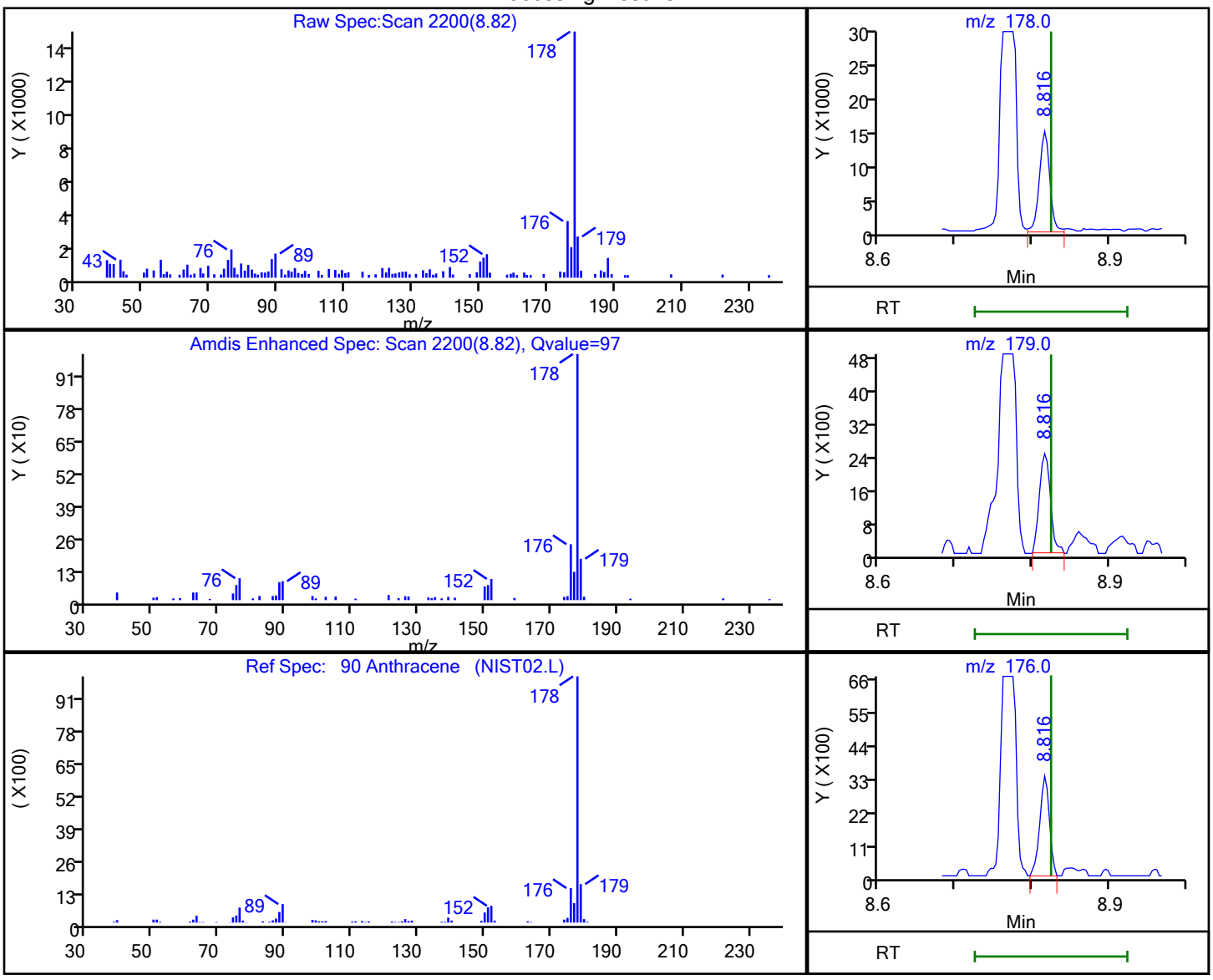
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D | | | | |
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.82 | 178.00 | 13653 | 0.063848 |
| 8.82 | 179.00 | 2488 | |
| 8.82 | 176.00 | 2942 | |

Reviewer: G4KC, 15-Aug-2025 03:54:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

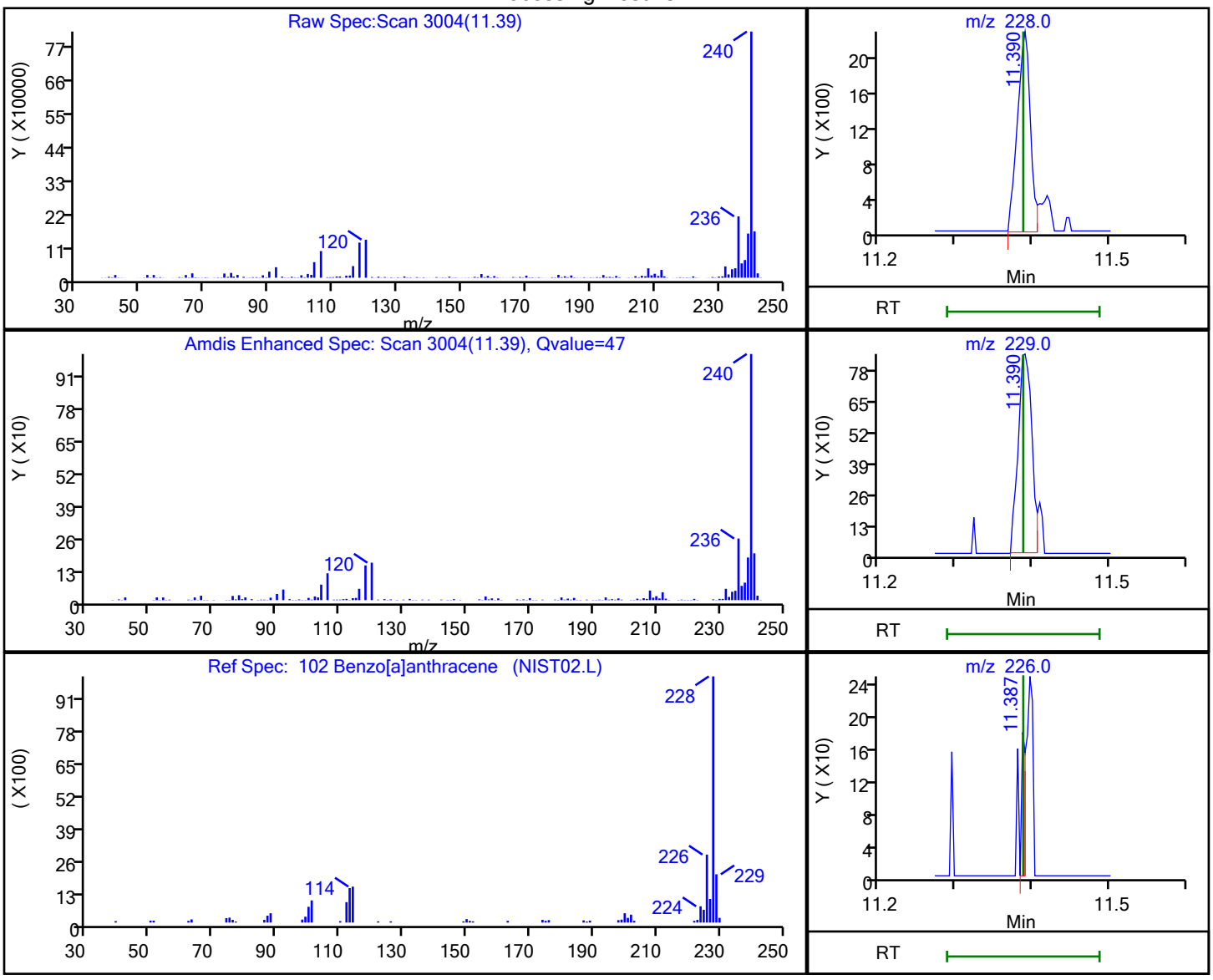
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D | | | | |
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 2633 | -0.002415 |
| 11.39 | 229.00 | 1059 | |
| 11.39 | 226.00 | 63 | |

Reviewer: G4KC, 15-Aug-2025 03:54:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

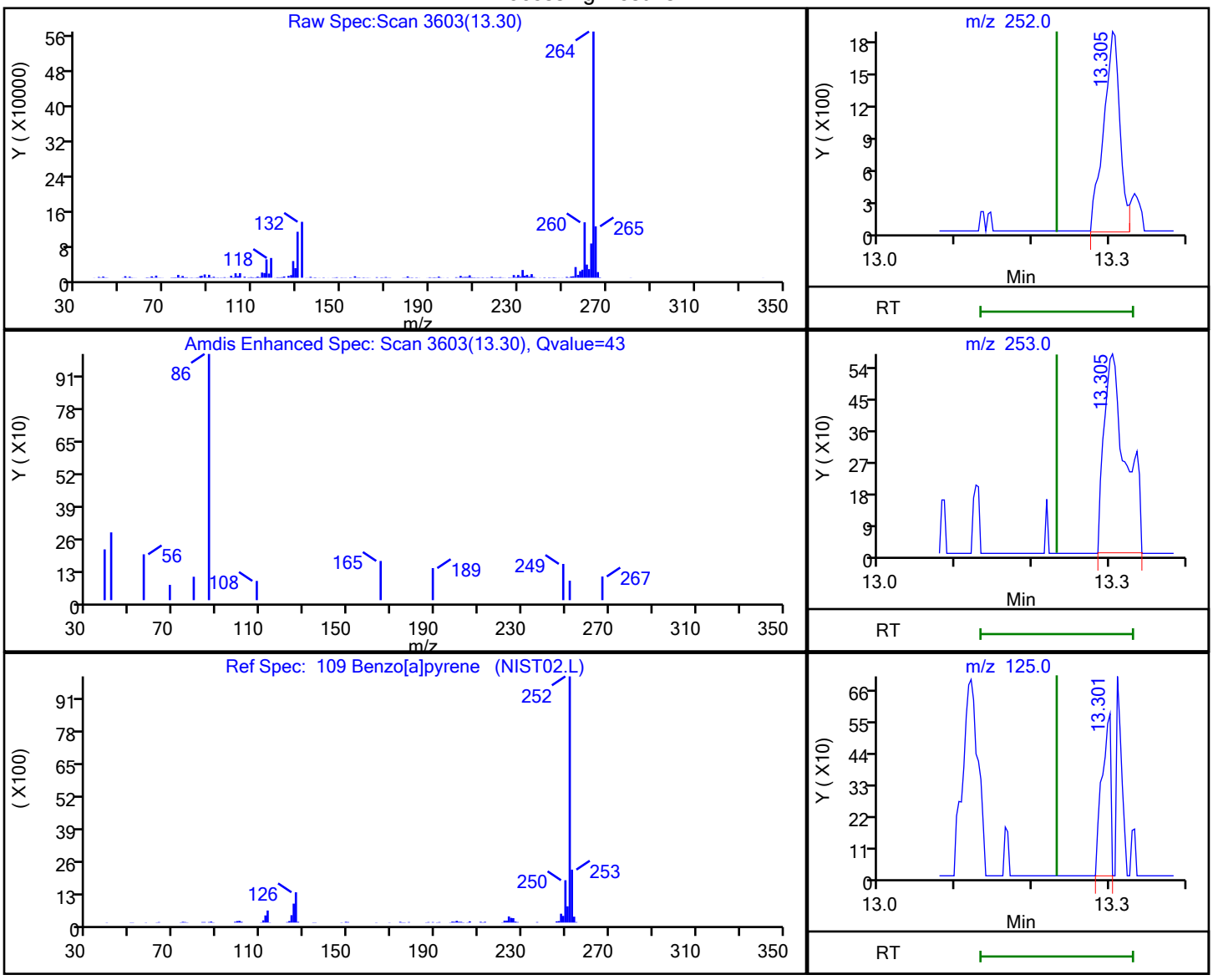
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D | | | | |
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.30 | 252.00 | 2770 | 0.025348 |
| 13.30 | 253.00 | 1130 | |
| 13.30 | 125.00 | 463 | |

Reviewer: G4KC, 15-Aug-2025 03:54:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

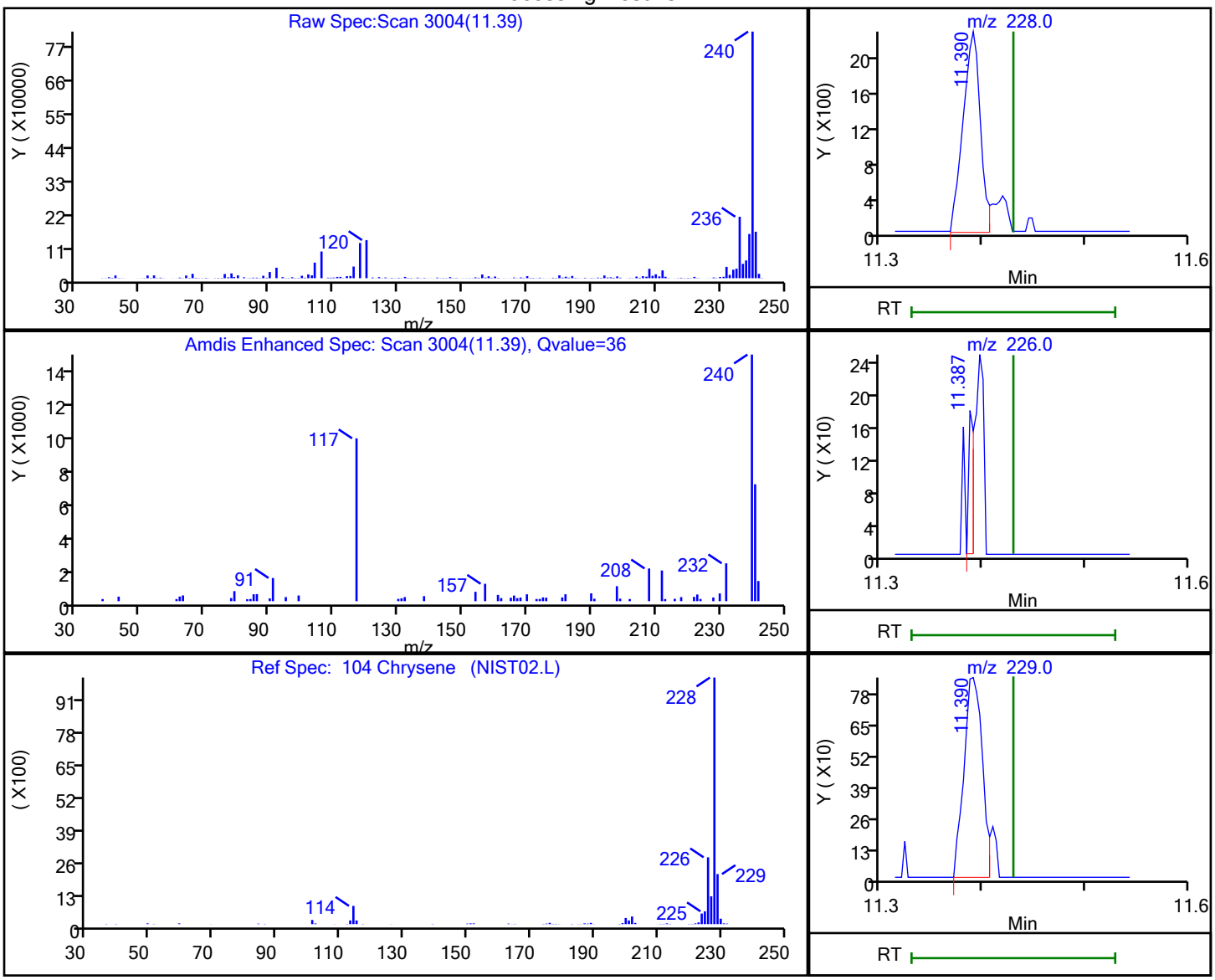
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D | | | | |
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 2633 | 0.018830 |
| 11.39 | 226.00 | 63 | |
| 11.39 | 229.00 | 1059 | |

Reviewer: G4KC, 15-Aug-2025 03:54:05 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

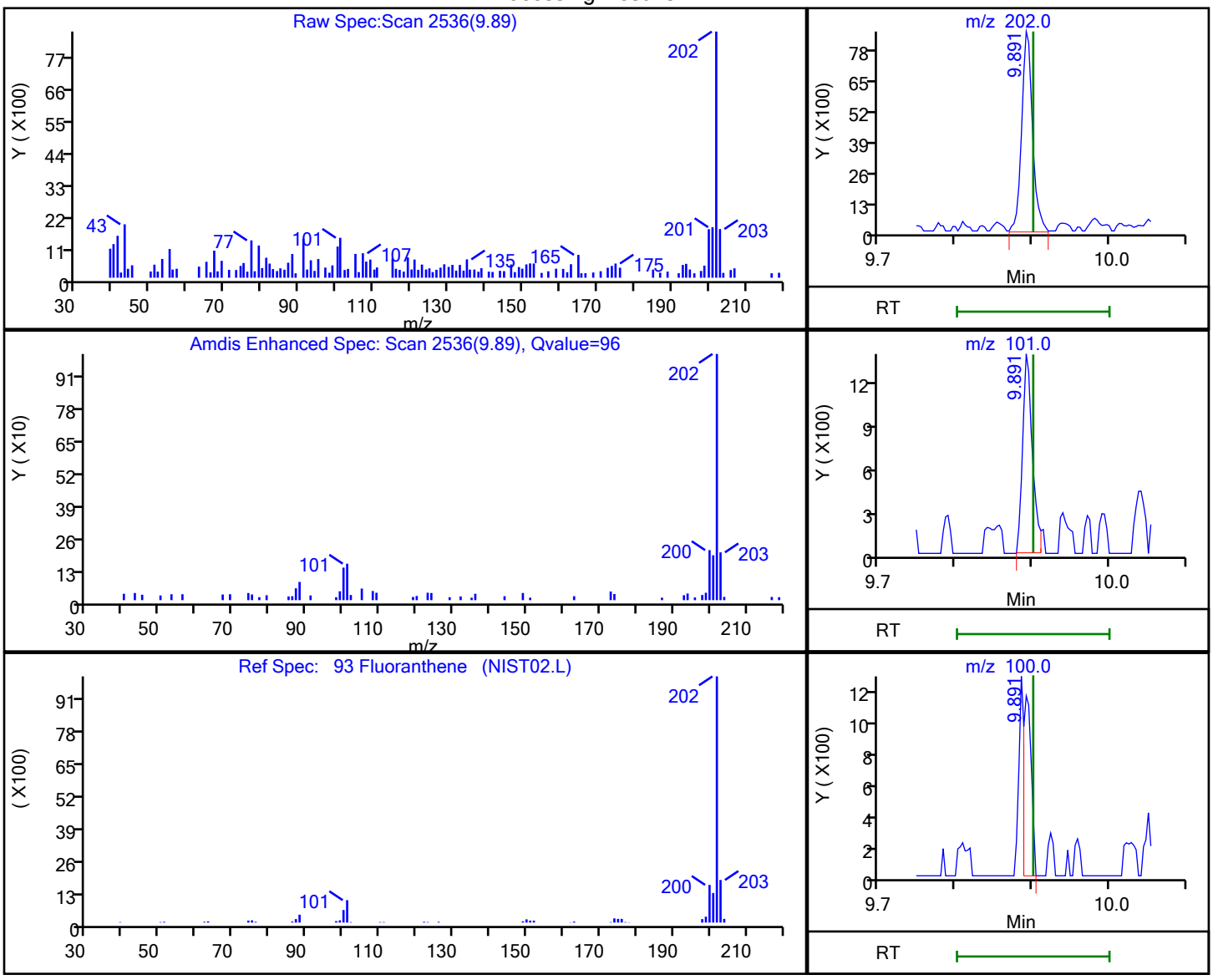
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D | | | | |
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.89 | 202.00 | 8446 | 0.044660 |
| 9.89 | 101.00 | 1247 | |
| 9.89 | 100.00 | 777 | |

Reviewer: G4KC, 15-Aug-2025 03:54:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

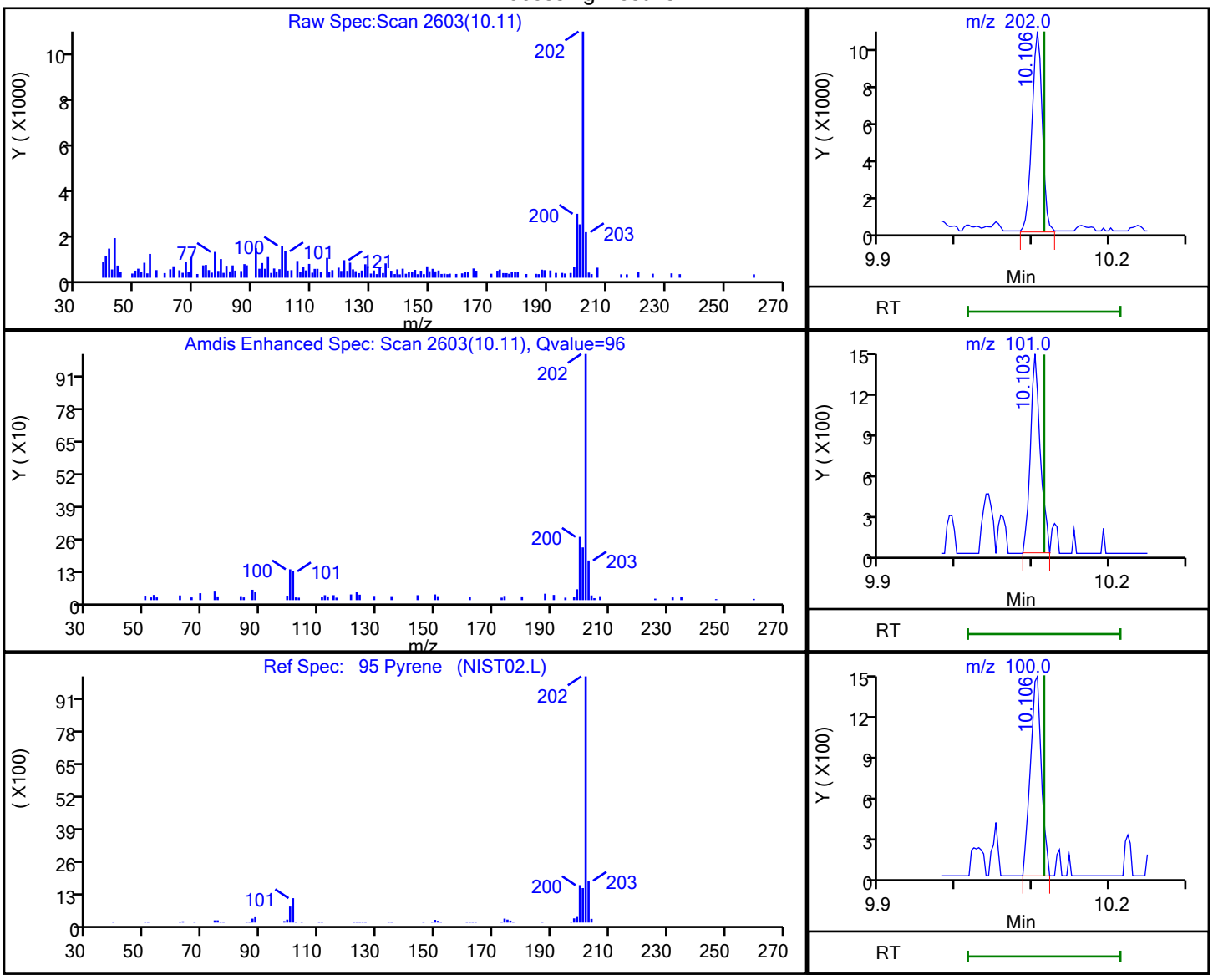
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94283.D | | | | |
| Injection Date: | 14-Aug-2025 23:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | 460-332739-E-11-A | Lab Sample ID: | 460-332739-11 | | |
| Client ID: | DUP-01 | | | | |
| Operator ID: | | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.11 | 202.00 | 10202 | 0.053083 |
| 10.10 | 101.00 | 1315 | |
| 10.11 | 100.00 | 1429 | |

Reviewer: G4KC, 15-Aug-2025 03:54:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 Calibration End Date: 06/21/2025 13:44 Calibration ID: 101499

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD002 460-1045243/11 | N58889.d |
| Level 2 | STD01 460-1045243/10 | N58888.d |
| Level 3 | STD02 460-1045243/9 | N58887.d |
| Level 4 | STD04 460-1045243/8 | N58886.d |
| Level 5 | STD1 460-1045243/7 | N58885.d |
| Level 6 | STD2 460-1045243/6 | N58884.d |
| Level 7 | STD4 460-1045243/5 | N58883.d |
| Level 8 | ICIS 460-1045243/2 | N58880.d |
| Level 9 | STD16 460-1045243/4 | N58882.d |
| Level 10 | STD24 460-1045243/3 | N58881.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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,4-Dioxane | 1.0479 0.5287 | 0.6986 0.5341 | 0.6684 0.5422 | 0.5648 | 0.5509 0.5645 | Lin2 | 0.0100 | 0.5586 | | | 0.0100 | | | | 0.9970 | | 0.9900 |
| N-Nitrosodimethylamine | 0.8014 | 0.8120 | 0.7762 0.8014 | 0.8702 | 0.8021 0.8317 | Ave | | 0.8136 | | | 0.0100 | 3.7 | | 20.0 | | | |
| Pyridine | 1.2285 1.3936 | 1.1542 1.3831 | 0.9940 1.4226 | 1.4047 | 1.3710 1.3646 | Ave | | 1.3018 | | | 0.0100 | 11.2 | | 20.0 | | | |
| Benzaldehyde | 1.0508 | 0.9989 | 1.0426 +++++ | 1.0009 +++++ | 1.0284 +++++ | Ave | | 1.0243 | | | 0.0100 | 2.3 | | 20.0 | | | |
| Phenol | 1.6562 | 1.6624 | 1.6487 1.6658 | 1.7730 | 1.6821 1.6621 | Ave | | 1.6786 | | | 0.8000 | 2.6 | | 20.0 | | | |
| Aniline | 1.9309 1.8906 | 1.8237 1.9096 | 1.5444 1.9316 | 1.8525 | 1.9673 1.6551 | Ave | | 1.8340 | | | 0.0100 | 7.8 | | 20.0 | | | |
| Bis(2-chloroethyl)ether | 1.4285 1.2604 | 1.1409 1.2815 | 1.1615 1.2434 | 1.4139 | 1.2665 1.3551 | Ave | | 1.2835 | | | 0.7000 | 7.8 | | 20.0 | | | |
| 2-Chlorophenol | 1.3137 | 1.3131 | 1.3113 1.3334 | 1.4015 | 1.2916 1.3588 | Ave | | 1.3319 | | | 0.8000 | 2.8 | | 20.0 | | | |
| n-Decane | 1.2075 | 1.2273 | 1.2646 1.2396 | 1.2323 | 1.2189 1.2205 | Ave | | 1.2301 | | | 0.0100 | 1.5 | | 20.0 | | | |
| 1,3-Dichlorobenzene | 1.7088 1.4979 | 1.5084 | 1.5103 1.5173 | 1.5667 | 1.5131 1.5288 | Ave | | 1.5439 | | | 0.0100 | 4.5 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 2.3471 1.5166 | 1.5253 | 1.5543 1.5298 | 1.5879 | 1.5696 1.5430 | Ave | | 1.6467 | | | 0.0100 | 17.2 | | 20.0 | | | |
| Benzyl alcohol | 0.7135 | 0.7356 | 0.5056 0.7746 | 0.7828 | 0.6823 0.6817 | Ave | | 0.6966 | | | 0.0100 | 13.4 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 Calibration End Date: 06/21/2025 13:44 Calibration ID: 101499

| 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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichlorobenzene | 1.6183 1.4281 | 1.4257 | 1.4437 1.4594 | 1.5041 | 1.4377 1.4586 | Ave | | 1.4720 | | | 0.0100 | 4.4 | | 20.0 | | | |
| 2-Methylphenol | 1.1775 | 1.1600 | 1.1201 1.1850 | 1.2708 | 1.1480 1.1992 | Ave | | 1.1801 | | | 0.7000 | 4.0 | | 20.0 | | | |
| 2,2'-oxybis[1-chloropropane] | 1.5303 | 1.5341 | 1.6044 1.5602 | 1.5450 | 1.5548 1.4446 | Ave | | 1.5391 | | | 0.0100 | 3.1 | | 20.0 | | | |
| N-Methylaniline | 1.6808 1.9897 | 1.7323 1.9250 | 1.7110 1.9848 | 1.9846 | 1.9450 1.8962 | Ave | | 1.8722 | | | 0.0100 | 6.8 | | 20.0 | | | |
| Acetophenone | 1.8119 | 1.7743 | 1.7932 1.8032 | 1.8415 | 1.8524 1.6806 | Ave | | 1.7939 | | | 0.0100 | 3.2 | | 20.0 | | | |
| N-Nitrosodi-n-propylamine | 1.0555 0.8762 | 0.8560 0.8586 | 0.8450 0.8886 | 0.9098 | 0.8870 0.8213 | Ave | | 0.8887 | | | 0.5000 | 7.6 | | 20.0 | | | |
| 3 & 4 Methylphenol | 1.2212 | 1.2070 | 1.1335 1.2597 | 1.2901 | 1.2032 1.1992 | Ave | | 1.2163 | | | 0.0100 | 4.1 | | 20.0 | | | |
| 4-Methylphenol | 1.2212 | 1.2070 | 1.1335 1.2597 | 1.2901 | 1.2032 1.1992 | Ave | | 1.2163 | | | 0.6000 | 4.1 | | 20.0 | | | |
| Hexachloroethane | 0.6771 0.6120 | 0.5746 0.6093 | 0.6002 0.6284 | 0.6375 | 0.6239 0.6205 | Ave | | 0.6204 | | | 0.3000 | 4.5 | | 20.0 | | | |
| Nitrobenzene | 0.8151 0.6438 | 0.6117 0.6346 | 0.6493 0.6386 | 0.6580 | 0.6372 0.6118 | Ave | | 0.6556 | | | 0.2000 | 9.4 | | 20.0 | | | |
| n,n'-Dimethylaniline | 2.0883 2.0064 | 1.8102 1.9589 | 1.8860 2.0561 | 1.9824 | 1.9810 1.9230 | Ave | | 1.9658 | | | 0.0100 | 4.3 | | 20.0 | | | |
| Isophorone | 0.6942 0.6433 | 0.6373 | 0.6297 0.6291 | 0.6799 | 0.6274 0.6272 | Ave | | 0.6460 | | | 0.4000 | 4.1 | | 20.0 | | | |
| 2-Nitrophenol | 0.1778 | 0.1874 | 0.1596 0.1923 | 0.2063 | 0.1741 0.1973 | Ave | | 0.1850 | | | 0.1000 | 8.5 | | 20.0 | | | |
| 2,4-Dimethylphenol | 0.3040 | 0.3073 | 0.2652 0.3089 | 0.3233 | 0.2995 0.3104 | Ave | | 0.3027 | | | 0.2000 | 6.0 | | 20.0 | | | |
| Bis(2-chloroethoxy)methane | 0.4201 | 0.4238 | 0.4156 0.4165 | 0.4437 | 0.4116 0.4189 | Ave | | 0.4215 | | | 0.3000 | 2.5 | | 20.0 | | | |
| Benzoic acid | 0.1224 | 0.1439 | 0.1787 | 0.2174 | 0.0822 0.1842 | Lin1 | -0.141 | 0.2006 | | | 0.0100 | | | | 0.9900 | | 0.9900 |
| 2,4-Dichlorophenol | 0.2951 | 0.2956 | 0.2588 0.2975 | 0.3197 | 0.2840 0.3065 | Ave | | 0.2939 | | | 0.2000 | 6.5 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 0.3951 0.3311 | 0.3247 0.3338 | 0.3341 0.3325 | 0.3512 | 0.3354 0.3507 | Ave | | 0.3432 | | | 0.0100 | 6.2 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 Calibration End Date: 06/21/2025 13:44 Calibration ID: 101499

| 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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Naphthalene | 1.2247 1.0733 | 1.0428 1.0384 | 1.0621 1.0367 | 1.0519 | 1.0578 0.9986 | Ave | | 1.0652 | | | 0.7000 | 6.0 | | 20.0 | | | |
| 4-Chloroaniline | 0.3603 0.4243 | 0.3570 0.4122 | 0.3502 0.4119 | 0.4015 | 0.4147 0.3496 | Ave | | 0.3868 | | | 0.0100 | 8.2 | | 20.0 | | | |
| 2,6-Dichlorophenol | 0.2909 | 0.2828 | 0.2681 0.2869 | 0.3071 | 0.2808 0.2902 | Ave | | 0.2867 | | | | 4.1 | | 20.0 | | | |
| Hexachlorobutadiene | 0.2385 0.2028 | 0.1966 0.1984 | 0.2011 0.2082 | 0.2176 | 0.2018 0.2156 | Ave | | 0.2089 | | | 0.0100 | 6.4 | | 20.0 | | | |
| Caprolactam | 0.1063 | 0.1072 | 0.1223 0.1064 | 0.1076 0.1260 | 0.1009 0.1014 | Ave | | 0.1098 | | | 0.0100 | 8.5 | | 20.0 | | | |
| 4-Chloro-3-methylphenol | 0.2771 | 0.2674 | 0.2508 0.2684 | 0.3013 | 0.2677 0.2686 | Ave | | 0.2716 | | | 0.2000 | 5.6 | | 20.0 | | | |
| 2-Methylnaphthalene | 0.6306 0.6085 | 0.5929 | 0.5997 0.5946 | 0.6188 | 0.6017 0.5703 | Ave | | 0.6021 | | | 0.4000 | 3.0 | | 20.0 | | | |
| 1-Methylnaphthalene | 0.6449 0.6286 | 0.6250 | 0.6200 0.6172 | 0.6291 | 0.6290 0.5855 | Ave | | 0.6224 | | | 0.0100 | 2.7 | | 20.0 | | | |
| Hexachlorocyclopentadiene | 0.5208 | 0.5419 | 0.4348 0.5723 | 0.5821 | 0.4844 0.6011 | Ave | | 0.5339 | | | 0.0500 | 11.0 | | 20.0 | | | |
| 1,2,4,5-Tetrachlorobenzene | 0.6795 | 0.6876 | 0.5991 0.7026 | 0.7298 | 0.6479 0.7361 | Ave | | 0.6832 | | | 0.0100 | 7.0 | | 20.0 | | | |
| 2-tertbutyl-4-methylphenol | 0.4485 0.4248 | 0.4001 | 0.3828 0.4118 | 0.4254 | 0.3868 0.4058 | Ave | | 0.4108 | | | 0.0100 | 5.3 | | 20.0 | | | |
| 2,4,6-Trichlorophenol | 0.3502 0.4193 | 0.4253 | 0.3645 0.4291 | 0.4675 | 0.4056 0.4478 | Ave | | 0.4136 | | | 0.2000 | 9.6 | | 20.0 | | | |
| 2,4,5-Trichlorophenol | 0.4421 | 0.4491 | 0.3986 0.4506 | 0.4812 | 0.4112 0.4730 | Ave | | 0.4437 | | | 0.2000 | 6.8 | | 20.0 | | | |
| 1,1'-Biphenyl | 1.6000 1.5913 | 1.5315 1.5971 | 1.5684 1.5752 | 1.5916 | 1.5937 1.5699 | Ave | | 1.5799 | | | 0.0100 | 1.4 | | 20.0 | | | |
| 2-Chloronaphthalene | 1.2500 | 1.2504 | 1.2292 1.2452 | 1.2423 | 1.2332 1.2400 | Ave | | 1.2415 | | | 0.8000 | 0.6 | | 20.0 | | | |
| Phenyl ether | 0.8533 | 0.8269 | 0.8470 0.8697 | 0.8715 | 0.8170 0.8843 | Ave | | 0.8528 | | | 0.0100 | 2.9 | | 20.0 | | | |
| 2-Nitroaniline | 0.3998 | 0.3957 | 0.3518 0.3992 | 0.4170 | 0.3854 0.3914 | Ave | | 0.3915 | | | 0.0100 | 5.1 | | 20.0 | | | |
| 1,3-Dimethylnaphthalene | 0.8920 | 0.8564 | 0.8463 0.8554 | 0.8636 | 0.8445 0.8770 | Ave | | 0.8622 | | | 0.0100 | 2.0 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 Calibration End Date: 06/21/2025 13:44 Calibration ID: 101499

| 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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Coumarin | 0.2141 | 0.1989 | 0.2147 0.2016 | 0.2213 | 0.2120 0.1921 | Ave | | 0.2078 | | | 0.0100 | 5.0 | | 20.0 | | | |
| Dimethyl phthalate | 1.2880 | 1.2664 | 1.2728 1.2195 | 1.3115 | 1.2733 1.2216 | Ave | | 1.2647 | | | 0.0100 | 2.7 | | 20.0 | | | |
| 2,6-Dinitrotoluene | 0.2323 0.2801 | 0.2850 | 0.2423 0.2838 | 0.3085 | 0.2720 0.2870 | Ave | | 0.2739 | | | 0.2000 | 9.1 | | 20.0 | | | |
| Acenaphthylene | 1.9565 | 1.9449 | 1.8740 1.8920 | 1.9730 | 1.9137 1.8604 | Ave | | 1.9164 | | | 0.9000 | 2.3 | | 20.0 | | | |
| 3-Nitroaniline | 0.2887 | 0.2933 | 0.2485 0.2968 | 0.3245 | 0.2797 0.2794 | Ave | | 0.2873 | | | 0.0100 | 8.0 | | 20.0 | | | |
| Acenaphthene | 1.1363 | 1.1182 | 1.2139 1.1167 | 1.1330 | 1.1665 1.0762 | Ave | | 1.1373 | | | 0.9000 | 3.8 | | 20.0 | | | |
| 3,5-di-tert-butyl-4-hydroxytol | 1.0750 | 1.0684 | 0.9593 1.1152 | 1.1404 | 1.0314 1.1669 | Ave | | 1.0795 | | | 0.0100 | 6.5 | | 20.0 | | | |
| 2,4-Dinitrophenol | 0.0952 | 0.0194 0.1122 | 0.0434 0.1256 | 0.0508 0.1614 | 0.0677 0.1467 | Qua1 | -0.032 | 0.1153 | 0.0008336 | | | | | | 0.9900 | | 0.9900 |
| 4-Nitrophenol | 0.1677 | 0.1735 | 0.1518 0.1794 | 0.2040 | 0.1549 0.1853 | Ave | | 0.1738 | | | 0.0100 | 10.4 | | 20.0 | | | |
| 2,4-Dinitrotoluene | 0.2101 0.3524 | 0.3604 | 0.2636 0.3532 | 0.3909 | 0.3347 0.3466 | Ave | | 0.3265 | | | 0.2000 | 18.2 | | 20.0 | | | |
| Dibenzofuran | 1.6653 | 1.6574 | 1.6701 1.6243 | 1.6824 | 1.6801 1.6167 | Ave | | 1.6566 | | | 0.8000 | 1.6 | | 20.0 | | | |
| 2,3,4,6-Tetrachlorophenol | 0.3190 | 0.3307 | 0.2611 0.3300 | 0.3554 | 0.3063 0.3249 | Ave | | 0.3182 | | | 0.0100 | 9.2 | | 20.0 | | | |
| Diethyl phthalate | 1.2474 | 1.2566 | 1.2648 1.1743 | 1.3082 | 1.2491 1.1868 | Ave | | 1.2410 | | | 0.0100 | 3.7 | | 20.0 | | | |
| Fluorene | 1.3321 | 1.3093 | 1.3138 1.2781 | 1.3299 | 1.3175 1.2503 | Ave | | 1.3044 | | | 0.9000 | 2.3 | | 20.0 | | | |
| 4-Chlorophenyl phenyl ether | 0.6387 | 0.6272 | 0.6425 0.6241 | 0.6648 | 0.6375 0.6241 | Ave | | 0.6370 | | | 0.4000 | 2.3 | | 20.0 | | | |
| 4-Nitroaniline | 0.2689 | 0.2719 | 0.2081 0.2653 | 0.2915 | 0.2571 0.2334 | Ave | | 0.2566 | | | 0.0100 | 10.8 | | 20.0 | | | |
| 4,6-Dinitro-2-methylphenol | 0.0909 | 0.1052 | 0.0445 0.1121 | 0.1321 | 0.0755 0.1243 | Qua1 | -0.036 | 0.1089 | 0.0004224 | | | | | | 0.9960 | | 0.9900 |
| N-Nitrosodiphenylamine | 0.5439 | 0.5635 | 0.5086 0.5597 | 0.5797 | 0.5570 0.5736 | Ave | | 0.5551 | | | 0.0100 | 4.2 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 Calibration End Date: 06/21/2025 13:44 Calibration ID: 101499

| 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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,2-Diphenylhydrazine | 0.8263 0.8049 | 0.7459 0.8347 | 0.7921 0.8425 | 0.8372 | 0.8352 0.8444 | Ave | | 0.8181 | | | 0.0100 | 3.9 | | 20.0 | | | |
| Azobenzene | 0.8061 | 0.8347 | 0.7921 0.8425 | 0.8372 | 0.8402 0.8444 | Ave | | 0.8282 | | | | 2.5 | | 20.0 | | | |
| 4-Bromophenyl phenyl ether | 0.2443 | 0.2523 | 0.2288 0.2539 | 0.2687 | 0.2417 0.2712 | Ave | | 0.2516 | | | 0.1000 | 6.0 | | 20.0 | | | |
| Hexachlorobenzene | 0.3647 0.3126 | 0.2762 0.3211 | 0.3042 0.3147 | 0.3387 | 0.3139 0.3319 | Ave | | 0.3198 | | | 0.1000 | 7.6 | | 20.0 | | | |
| Atrazine | 0.1272 0.1867 | 0.1902 | 0.1690 0.1946 | 0.1613 0.2131 | 0.1770 0.1929 | Ave | | 0.1791 | | | 0.0100 | 13.8 | | 20.0 | | | |
| Pentachlorophenol | 0.1519 | 0.1689 | 0.1036 0.1737 | 0.1984 | 0.1469 0.1920 | Ave | | 0.1622 | | | 0.0500 | 19.7 | | 20.0 | | | |
| Pentachloronitrobenzene | 0.0761 | 0.0796 | 0.0566 0.0777 | 0.0852 | 0.0735 0.0891 | Ave | | 0.0768 | | | 0.0100 | 13.5 | | 20.0 | | | |
| n-Octadecane | 0.4795 | 0.4988 | 0.4337 0.5145 | 0.4972 | 0.4785 0.5165 | Ave | | 0.4884 | | | 0.0100 | 5.8 | | 20.0 | | | |
| Phenanthrene | 1.0405 | 1.0428 | 1.1044 1.0072 | 1.0520 | 1.0708 1.0121 | Ave | | 1.0471 | | | 0.7000 | 3.2 | | 20.0 | | | |
| Anthracene | 1.0559 | 1.0545 | 1.0217 1.0449 | 1.0972 | 1.0619 1.0352 | Ave | | 1.0531 | | | 0.7000 | 2.3 | | 20.0 | | | |
| Carbazole | 0.8553 | 0.8779 | 0.8655 0.8509 | 0.9038 | 0.9035 0.8534 | Ave | | 0.8729 | | | 0.0100 | 2.6 | | 20.0 | | | |
| Di-n-butyl phthalate | 0.9723 | 1.0015 | 0.8565 0.9953 | 1.0573 | 0.9581 1.0088 | Ave | | 0.9785 | | | 0.0100 | 6.4 | | 20.0 | | | |
| Fluoranthene | 0.8886 | 0.9141 | 0.9133 0.8953 | 0.9352 | 0.9030 0.9114 | Ave | | 0.9087 | | | 0.6000 | 1.7 | | 20.0 | | | |
| Benzidine | 0.0641 0.3209 | 0.3413 | 0.1312 0.3075 | 0.2007 0.3530 | 0.3211 0.3943 | Qua1 | -0.007 | 0.2895 | 0.0042015 | | | | | | 0.9970 | | 0.9900 |
| Pyrene | 1.8817 1.7347 | 1.6976 | 1.6608 1.6400 | 1.8576 | 1.7444 1.5681 | Ave | | 1.7231 | | | 0.6000 | 6.2 | | 20.0 | | | |
| Bisphenol-A | 0.5503 | 0.5422 | 0.5600 | 0.6249 | 0.5080 0.6061 | Ave | | 0.5653 | | | | 7.6 | | 20.0 | | | |
| Butyl benzyl phthalate | 0.5478 | 0.5705 | 0.4426 0.5967 | 0.6659 | 0.5362 0.6331 | Ave | | 0.5704 | | | 0.0100 | 12.8 | | 20.0 | | | |
| 2,3,7,8-TCDD | | | 0.2509 | | | Ave | | 0.2509 | | | 0.0100 | | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 Calibration End Date: 06/21/2025 13:44 Calibration ID: 101499

| 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<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| Carbamazepine | 0.3509 | 0.3913 | 0.2235<br>0.4644 | 0.4739 | 0.2847<br>0.5166 | Qua1 | -0.050 | 0.3925 | 0.0053749 | | | | | | 0.9990 | | 0.9900 |
| 3,3'-Dichlorobenzidine | 0.2452<br>0.4694 | 0.4736 | 0.3088<br>0.5186 | 0.5142 | 0.4312<br>0.5215 | Qua1 | -0.008 | 0.4816 | 0.0018559 | | | | | | 0.9990 | | 0.9900 |
| Benzo[a]anthracene | 2.4273<br>1.3020 | 1.4295<br>1.3260 | 1.3659<br>1.3434 | 1.4444 | 1.3436<br>1.3753 | Lin2 | 0.0215 | 1.3243 | | | 0.8000 | | | | 0.9970 | | 0.9900 |
| Chrysene | 1.3276<br>1.2655 | 1.2233 | 1.2304<br>1.2477 | 1.2585 | 1.2524<br>1.2170 | Ave | | 1.2528 | | | 0.7000 | 2.8 | | 20.0 | | | |
| Bis(2-ethylhexyl) phthalate | 0.6131<br>0.7500 | 0.7896 | 0.5136<br>0.8679 | 0.9269 | 0.6926<br>0.9114 | Ave | | 0.7582 | | | 0.0100 | 19.3 | | 20.0 | | | |
| Di-n-octyl phthalate | 1.1481 | 1.1984 | 0.7431<br>1.2906 | 1.4513 | 1.0007<br>1.3673 | Lin2 | -0.117 | 1.2880 | | | 0.0100 | | | | 0.9910 | | 0.9900 |
| Benzo[b]fluoranthene | 1.3236<br>1.2464 | 1.0210<br>1.1694 | 1.0897<br>1.2319 | 1.3602 | 1.1514<br>1.2194 | Ave | | 1.2014 | | | 0.7000 | 8.9 | | 20.0 | | | |
| Benzo[k]fluoranthene | 1.2713<br>1.2222 | 1.1167<br>1.3211 | 1.1845<br>1.2664 | 1.3495 | 1.2769<br>1.2767 | Ave | | 1.2539 | | | 0.7000 | 5.6 | | 20.0 | | | |
| Benzo[a]pyrene | 0.8913<br>1.0340 | 0.8230<br>1.0665 | 0.9867<br>1.0924 | 1.1950 | 1.0174<br>1.1242 | Ave | | 1.0256 | | | 0.7000 | 11.2 | | 20.0 | | | |
| Indeno[1,2,3-cd]pyrene | 0.7498<br>0.9836 | 0.7881<br>1.0614 | 0.8247<br>1.0945 | 1.2555 | 0.9405<br>1.2531 | Ave | | 0.9946 | | | 0.5000 | 18.9 | | 20.0 | | | |
| Dibenz(a,h)anthracene | 0.7482<br>0.9793 | 0.8127<br>1.0578 | 0.8701<br>1.0845 | 1.2170 | 0.9386<br>1.1938 | Ave | | 0.9891 | | | 0.4000 | 16.5 | | 20.0 | | | |
| Benzo[g,h,i]perylene | 0.7795<br>0.9610 | 0.8147<br>1.0199 | 0.8835<br>1.0495 | 1.1733 | 0.9232<br>1.1730 | Ave | | 0.9753 | | | 0.5000 | 14.6 | | 20.0 | | | |
| 2-Fluorophenol (Surr) | 1.3220<br>1.3873 | 1.3951<br>1.3577 | 1.3785<br>1.2532 | 1.3920<br>1.2952 | 1.4034<br>1.4139 | Ave | | 1.3598 | | | 0.0100 | 3.9 | | 20.0 | | | |
| Phenol-d5 (Surr) | 1.5798<br>1.7018 | 1.6914<br>1.6196 | 1.6764<br>1.4494 | 1.7055<br>1.5492 | 1.7301<br>1.6993 | Ave | | 1.6403 | | | 0.0100 | 5.5 | | 20.0 | | | |
| Nitrobenzene-d5 (Surr) | 0.3919<br>0.4231 | 0.4184<br>0.4084 | 0.4124<br>0.3767 | 0.4222<br>0.3852 | 0.4162<br>0.4374 | Ave | | 0.4092 | | | 0.0100 | 4.6 | | 20.0 | | | |
| 2-Fluorobiphenyl | 1.5339<br>1.6148 | 1.6084<br>1.5623 | 1.5885<br>1.4449 | 1.5711<br>1.4724 | 1.6008<br>1.7084 | Ave | | 1.5705 | | | 0.0100 | 4.8 | | 20.0 | | | |
| 2,4,6-Tribromophenol (Surr) | 0.3166<br>0.3508 | 0.3378<br>0.3271 | 0.3443<br>0.2929 | 0.3447<br>0.3138 | 0.3499<br>0.3300 | Ave | | 0.3308 | | | 0.0100 | 5.6 | | 20.0 | | | |
| Terphenyl-d14 (Surr) | 1.4560<br>1.5880 | 1.5668<br>1.4348 | 1.5611<br>1.2954 | 1.5669<br>1.4503 | 1.5809<br>1.5237 | Ave | | 1.5024 | | | 0.0100 | 6.2 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 | Calibration End Date: 06/21/2025 13:44 | Calibration ID: 101499

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD002 460-1045243/11 | N58889.d |
| Level 2 | STD01 460-1045243/10 | N58888.d |
| Level 3 | STD02 460-1045243/9 | N58887.d |
| Level 4 | STD04 460-1045243/8 | N58886.d |
| Level 5 | STD1 460-1045243/7 | N58885.d |
| Level 6 | STD2 460-1045243/6 | N58884.d |
| Level 7 | STD4 460-1045243/5 | N58883.d |
| Level 8 | ICIS 460-1045243/2 | N58880.d |
| Level 9 | STD16 460-1045243/4 | N58882.d |
| Level 10 | STD24 460-1045243/3 | N58881.d |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| 1,4-Dioxane | DCBd4 | Lin2 | 972<br>58540 | 3369<br>111047 | 6365<br>230119 | <br>425860 | 26940<br>570599 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| N-Nitrosodimethylamine | DCBd4 | Ave | <br>88738 | <br>168809 | 7391<br>340139 | <br>656120 | 39222<br>840748 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| Pyridine | DCBd4 | Ave | 2279<br>308627 | 11132<br>575069 | 18930<br>1207657 | <br>2118078 | 134093<br>2758794 | 0.0400<br>4.00 | 0.200<br>8.00 | 0.400<br>20.0 | <br>32.0 | 2.00<br>48.0 |
| Benzaldehyde | DCBd4 | Ave | <br>116356 | <br>166138 | 9928<br>+++++ | 19048<br>+++++ | 50293<br>+++++ | <br>2.00 | <br>3.20 | 0.200<br>+++++ | 0.400<br>+++++ | 1.00<br>+++++ |
| Phenol | DCBd4 | Ave | <br>183392 | <br>345618 | 15700<br>707044 | <br>1336746 | 82260<br>1680123 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| Aniline | DCBd4 | Ave | 1791<br>209342 | 8795<br>396997 | 14707<br>819853 | <br>1396714 | 96203<br>1673015 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| Bis(2-chloroethyl)ether | DCBd4 | Ave | 1325<br>139558 | 5502<br>266428 | 11060<br>527759 | <br>1066006 | 61934<br>1369758 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 2-Chlorophenol | DCBd4 | Ave | <br>145465 | <br>272995 | 12487<br>565959 | <br>1056619 | 63161<br>1373575 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| n-Decane | DCBd4 | Ave | <br>133702 | <br>255156 | 12042<br>526128 | <br>929050 | 59608<br>1233732 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | 1585<br>165857 | <br>313602 | 14382<br>644017 | <br>1181227 | 73995<br>1545377 | 0.0200<br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | 2177<br>167932 | <br>317098 | 14801<br>649306 | <br>1197162 | 76757<br>1559697 | 0.0200<br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| Benzyl alcohol | DCBd4 | Ave | <br>79010 | <br>152921 | 4815<br>328756 | <br>590212 | 33364<br>689060 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | 1501<br>158134 | <br>296400 | 13748<br>619430 | <br>1133993 | 70308<br>1474471 | 0.0200<br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 2-Methylphenol | DCBd4 | Ave | <br>130380 | <br>241168 | 10666<br>502965 | <br>958122 | 56138<br>1212241 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 | Calibration End Date: 06/21/2025 13:44 | Calibration ID: 101499

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| 2,2'-oxybis[1-chloropropane] | DCBd4 | Ave | | | 15278 | | 76033 | | | 0.200 | | 1.00 |
| | | | 169453 | 318937 | 662224 | 1164841 | 1460309 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| N-Methylaniline | DCBd4 | Ave | 1559 | 8354 | 16293 | | 95117 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 220320 | 400206 | 842451 | 1496293 | 1916828 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Acetophenone | DCBd4 | Ave | | | 17076 | | 90586 | | | 0.200 | | 1.00 |
| | | | 200630 | 368865 | 765357 | 1388398 | 1698832 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| N-Nitrosodi-n-propylamine | DCBd4 | Ave | 979 | 4128 | 8047 | | 43375 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 97024 | 178496 | 377148 | 685946 | 830228 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 3 & 4 Methylphenol | DCBd4 | Ave | | | 10794 | | 58841 | | | 0.200 | | 1.00 |
| | | | 135218 | 250925 | 534669 | 972689 | 1212245 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Methylphenol | DCBd4 | Ave | | | 10794 | | 58841 | | | 0.200 | | 1.00 |
| | | | 135218 | 250925 | 534669 | 972689 | 1212245 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Hexachloroethane | DCBd4 | Ave | 628 | 2771 | 5715 | | 30512 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 67766 | 126681 | 266723 | 480611 | 627280 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Nitrobenzene | DCBd4 | Ave | 756 | 2950 | 6183 | | 31162 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 71286 | 131932 | 271044 | 496075 | 618490 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| n,n'-Dimethylaniline | DCBd4 | Ave | 1937 | 8730 | 17960 | | 96874 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 222169 | 407257 | 872707 | 1494621 | 1943866 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Isophorone | NPT | Ave | 2337 | | 22075 | | 113180 | 0.0200 | | 0.200 | | 1.00 |
| | | | 253873 | 469249 | 947220 | 1805515 | 2166067 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2-Nitrophenol | NPT | Ave | | | 5594 | | 31401 | | | 0.200 | | 1.00 |
| | | | 70160 | 137970 | 289601 | 547974 | 681234 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,4-Dimethylphenol | NPT | Ave | | | 9298 | | 54040 | | | 0.200 | | 1.00 |
| | | | 119971 | 226269 | 465161 | 858527 | 1071889 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Bis(2-chloroethoxy)methane | NPT | Ave | | | 14570 | | 74255 | | | 0.200 | | 1.00 |
| | | | 165795 | 312050 | 627120 | 1178362 | 1446663 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Benzoic acid | NPT | Lin1 | | | | | 14822 | | | | | 1.00 |
| | | | 48310 | 105962 | 269140 | 577404 | 636036 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,4-Dichlorophenol | NPT | Ave | | | 9073 | | 51241 | | | 0.200 | | 1.00 |
| | | | 116466 | 217624 | 447935 | 849112 | 1058414 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 1,2,4-Trichlorobenzene | NPT | Ave | 1330 | 5666 | 11712 | | 60504 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 130661 | 245792 | 500723 | 932785 | 1210959 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Naphthalene | NPT | Ave | 4123 | 18196 | 37237 | | 190830 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 423608 | 764608 | 1561070 | 2793597 | 3448311 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Chloroaniline | NPT | Ave | 1213 | 6229 | 12276 | | 74808 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 167451 | 303527 | 620228 | 1066295 | 1207195 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,6-Dichlorophenol | NPT | Ave | | | 9401 | | 50661 | | | 0.200 | | 1.00 |
| | | | 114826 | 208226 | 431965 | 815430 | 1002278 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Hexachlorobutadiene | NPT | Ave | 803 | 3431 | 7050 | | 36405 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 80021 | 146067 | 313466 | 577792 | 744557 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Caprolactam | NPT | Ave | | | 4287 | 7409 | 18196 | | | 0.200 | 0.400 | 1.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 | Calibration End Date: 06/21/2025 13:44 | Calibration ID: 101499

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 41950 | 63148 | 64106 | 100403 | 93364 | 2.00 | 3.20 | 4.00 | 4.80 | 6.40 |
| 4-Chloro-3-methylphenol | NPT | Ave | 109379 | 196862 | 8791<br>404134 | 800283 | 48302<br>927453 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2-Methylnaphthalene | NPT | Ave | 2123<br>240158 | 436526 | 21024<br>895336 | 1643232 | 108546<br>1969533 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 1-Methylnaphthalene | NPT | Ave | 2171<br>248106 | 460203 | 21738<br>929392 | 1670665 | 113471<br>2022073 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Hexachlorocyclopentadiene | ANT | Ave | 101974 | 192667 | 7951<br>415470 | 761241 | 44190<br>946595 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 1,2,4,5-Tetrachlorobenzene | ANT | Ave | 133049 | 244455 | 10956<br>510080 | 954479 | 59111<br>1159197 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2-tertbutyl-4-methylphenol | NPT | Ave | 1510<br>167651 | 294563 | 13420<br>620156 | 1129767 | 69790<br>1401444 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2,4,6-Trichlorophenol | ANT | Ave | 615<br>82097 | 151202 | 6665<br>311490 | 611419 | 37002<br>705124 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2,4,5-Trichlorophenol | ANT | Ave | 86565 | 159662 | 7290<br>327128 | 629284 | 37517<br>744811 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 1,1'-Biphenyl | ANT | Ave | 2810<br>311612 | 13901<br>567812 | 28682<br>1143578 | 2081479 | 145393<br>2472239 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2-Chloronaphthalene | ANT | Ave | 244765 | 444567 | 22480<br>903984 | 1624700 | 112503<br>1952611 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Phenyl ether | ANT | Ave | 167084 | 293975 | 15489<br>631399 | 1139801 | 74536<br>1392570 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2-Nitroaniline | ANT | Ave | 78295 | 140691 | 6434<br>289830 | 545357 | 35163<br>616373 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 1,3-Dimethylnaphthalene | ANT | Ave | 174679 | 304462 | 15477<br>620969 | 1129457 | 77042<br>1381063 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Coumarin | NPT | Ave | 84492 | 146431 | 7526<br>303577 | 587761 | 38253<br>663468 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Dimethyl phthalate | ANT | Ave | 252213 | 450257 | 23276<br>885307 | 1715167 | 116168<br>1923735 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2,6-Dinitrotoluene | ANT | Ave | 408<br>54840 | 101342 | 4431<br>206053 | 403482 | 24818<br>451975 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Acenaphthylene | ANT | Ave | 383128 | 691479 | 34271<br>1373523 | 2580312 | 174586<br>2929647 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 3-Nitroaniline | ANT | Ave | 56530 | 104265 | 4544<br>215505 | 424412 | 25519<br>440041 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Acenaphthene | ANT | Ave | 222516 | 397561 | 22200<br>810663 | 1481809 | 106420<br>1694707 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 3,5-di-tert-butyl-4-hydroxytol | ANT | Ave | 210496 | 379851 | 17544<br>809588 | 1491454 | 94094<br>1837597 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 | Calibration End Date: 06/21/2025 13:44 | Calibration ID: 101499

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| 2,4-Dinitrophenol | ANT | Qua1 | | 352 | 1587 | 3619 | 12356 | | 0.200 | 0.400 | 0.800 | 2.00 |
| | | | 37288 | 79746 | 182308 | 422256 | 461957 | 4.00 | 8.00 | 20.0 | 32.0 | 48.0 |
| 4-Nitrophenol | ANT | Ave | | | 5551 | | 28270 | | | 0.400 | | 2.00 |
| | | | 65685 | 123402 | 260505 | 533665 | 583604 | 4.00 | 8.00 | 20.0 | 32.0 | 48.0 |
| 2,4-Dinitrotoluene | ANT | Ave | 369 | | 4820 | | 30539 | 0.0200 | | 0.200 | | 1.00 |
| | | | 68999 | 128116 | 256438 | 511283 | 545854 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Dibenzofuran | ANT | Ave | | | 30543 | | 153278 | | | 0.200 | | 1.00 |
| | | | 326099 | 589251 | 1179207 | 2200347 | 2545951 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,3,4,6-Tetrachlorophenol | ANT | Ave | | | 4774 | | 27947 | | | 0.200 | | 1.00 |
| | | | 62475 | 117567 | 239577 | 464817 | 511643 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Diethyl phthalate | ANT | Ave | | | 23131 | | 113957 | | | 0.200 | | 1.00 |
| | | | 244265 | 446749 | 852497 | 1710881 | 1868909 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Fluorene | ANT | Ave | | | 24027 | | 120194 | | | 0.200 | | 1.00 |
| | | | 260859 | 465500 | 927889 | 1739236 | 1968958 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Chlorophenyl phenyl ether | ANT | Ave | | | 11749 | | 58162 | | | 0.200 | | 1.00 |
| | | | 125065 | 222989 | 453098 | 869438 | 982810 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Nitroaniline | ANT | Ave | | | 3806 | | 23451 | | | 0.200 | | 1.00 |
| | | | 52657 | 96655 | 192608 | 381275 | 367552 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4,6-Dinitro-2-methylphenol | PHN | Qua1 | | | 2801 | | 22699 | | | 0.400 | | 2.00 |
| | | | 57843 | 117211 | 250481 | 558908 | 588945 | 4.00 | 8.00 | 20.0 | 32.0 | 48.0 |
| N-Nitrosodiphenylamine | PHN | Ave | | | 15993 | | 83739 | | | 0.200 | | 1.00 |
| | | | 173126 | 314007 | 625203 | 1226213 | 1358841 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 1,2-Diphenylhydrazine | PHN | Ave | 2463 | 11382 | 24909 | | 125562 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 256216 | 465155 | 941061 | 1770880 | 2000505 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Azobenzene | PHN | Ave | | | 24909 | | 126312 | | | 0.200 | | 1.00 |
| | | | 256587 | 465155 | 941054 | 1770928 | 2000473 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Bromophenyl phenyl ether | PHN | Ave | | | 7194 | | 36337 | | | 0.200 | | 1.00 |
| | | | 77760 | 140588 | 283631 | 568476 | 642375 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Hexachlorobenzene | PHN | Ave | 1087 | 4214 | 9565 | | 47196 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 99504 | 178932 | 351538 | 716413 | 786267 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Atrazine | PHN | Ave | 379 | | 5315 | 9434 | 26612 | 0.0200 | | 0.200 | 0.400 | 1.00 |
| | | | 59438 | 84796 | 86928 | 135222 | 121886 | 2.00 | 3.20 | 4.00 | 4.80 | 6.40 |
| Pentachlorophenol | PHN | Ave | | | 6518 | | 44155 | | | 0.400 | | 2.00 |
| | | | 96696 | 188253 | 387995 | 839454 | 909626 | 4.00 | 8.00 | 20.0 | 32.0 | 48.0 |
| Pentachloronitrobenzene | PHN | Ave | | | 1781 | | 11043 | | | 0.200 | | 1.00 |
| | | | 24217 | 44359 | 86834 | 180183 | 210971 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| n-Octadecane | PHN | Ave | | | 13637 | | 71931 | | | 0.200 | | 1.00 |
| | | | 152639 | 277971 | 574730 | 1051642 | 1223723 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Phenanthrene | PHN | Ave | | | 34728 | | 160981 | | | 0.200 | | 1.00 |
| | | | 331207 | 581105 | 1125039 | 2225260 | 2397746 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Anthracene | PHN | Ave | | | 32127 | | 159641 | | | 0.200 | | 1.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 | Calibration End Date: 06/21/2025 13:44 | Calibration ID: 101499

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 336109 | 587642 | 1167173 | 2320901 | 2452558 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Carbazole | PHN | Ave | | | 27217 | | 135829 | | | 0.200 | | 1.00 |
| | | | 272245 | 489245 | 950416 | 1911772 | 2021765 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Di-n-butyl phthalate | PHN | Ave | | | 26934 | | 144026 | | | 0.200 | | 1.00 |
| | | | 309490 | 558091 | 1111713 | 2236512 | 2390038 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Fluoranthene | PHN | Ave | | | 28719 | | 135744 | | | 0.200 | | 1.00 |
| | | | 282860 | 509430 | 1000014 | 1978209 | 2159280 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Benzidine | PHN | Qua1 | 191 | | 4126 | 11735 | 48278 | 0.0200 | | 0.200 | 0.400 | 1.00 |
| | | | 102152 | 190203 | 343449 | 746771 | 934033 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Pyrene | CRY | Ave | 2839 | | 27813 | | 140569 | 0.0200 | | 0.200 | | 1.00 |
| | | | 285929 | 518258 | 1029395 | 2023780 | 2157753 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Bisphenol-A | CRY | Ave | | | | | 40934 | | | | | 1.00 |
| | | | 90709 | 165525 | 351481 | 680842 | 834038 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Butyl benzyl phthalate | CRY | Ave | | | 7412 | | 43210 | | | 0.200 | | 1.00 |
| | | | 90297 | 174150 | 374510 | 725459 | 871084 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,3,7,8-TCDD | CRY | Ave | | | | | | | | | | |
| | | | | | 1575 | | | | | 0.100 | | |
| Carbamazepine | CRY | Qua1 | | | 3743 | | 22940 | | | 0.200 | | 1.00 |
| | | | 57833 | 119469 | 291485 | 516313 | 710790 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 3,3'-Dichlorobenzidine | CRY | Qua1 | 370 | | 5172 | | 34748 | 0.0200 | | 0.200 | | 1.00 |
| | | | 77364 | 144596 | 325525 | 560173 | 717590 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Benzo[a]anthracene | CRY | Lin2 | 3662 | 11019 | 22874 | | 108273 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 214605 | 404805 | 843202 | 1573575 | 1892404 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Chrysene | CRY | Ave | 2003 | | 20604 | | 100923 | 0.0200 | | 0.200 | | 1.00 |
| | | | 208598 | 373451 | 783139 | 1371089 | 1674618 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Bis(2-ethylhexyl) phthalate | CRY | Ave | 925 | | 8601 | | 55814 | 0.0200 | | 0.200 | | 1.00 |
| | | | 123625 | 241062 | 544762 | 1009853 | 1254141 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Di-n-octyl phthalate | PRY | Lin2 | | | 10054 | | 70055 | | | 0.200 | | 1.00 |
| | | | 163887 | 334343 | 774202 | 1431893 | 1890708 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Benzo[b]fluoranthene | PRY | Ave | 1693 | 6589 | 14743 | | 80608 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 177911 | 326256 | 738975 | 1341994 | 1686228 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Benzo[k]fluoranthene | PRY | Ave | 1626 | 7207 | 16025 | | 89391 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 174454 | 368571 | 759699 | 1331390 | 1765536 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Benzo[a]pyrene | PRY | Ave | 1140 | 5311 | 13350 | | 71227 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 147601 | 297550 | 655289 | 1179024 | 1554603 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Indeno[1,2,3-cd]pyrene | PRY | Ave | 959 | 5086 | 11158 | | 65839 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 140403 | 296135 | 656573 | 1238679 | 1732875 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Dibenz(a,h)anthracene | PRY | Ave | 957 | 5245 | 11772 | | 65708 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 139788 | 295119 | 650536 | 1200721 | 1650908 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Benzo[g,h,i]perylene | PRY | Ave | 997 | 5258 | 11953 | | 64628 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 137182 | 284536 | 629574 | 1157614 | 1622025 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 | Calibration End Date: 06/21/2025 13:44 | Calibration ID: 101499

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| 2-Fluorophenol (Surr) | DCBd4 | Ave | 613107 | 672798 | 656320 | 662286 | 686296 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 768075 | 705639 | 531921 | 610330 | 595532 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Phenol-d5 (Surr) | DCBd4 | Ave | 732664 | 815688 | 798162 | 811484 | 846033 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 942205 | 841801 | 615206 | 730006 | 715742 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Nitrobenzene-d5 (Surr) | NPT | Ave | 659615 | 730152 | 722847 | 726713 | 750922 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 835014 | 751828 | 567162 | 639324 | 629417 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 2-Fluorobiphenyl | ANT | Ave | 1346884 | 1459854 | 1452450 | 1399617 | 1460457 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 1581070 | 1388601 | 1048938 | 1203541 | 1120940 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 2,4,6-Tribromophenol (Surr) | ANT | Ave | 277990 | 306625 | 314841 | 307040 | 319220 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 343465 | 290695 | 212650 | 256476 | 216532 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Terphenyl-d14 (Surr) | CRY | Ave | 1098312 | 1207720 | 1307123 | 1194444 | 1273942 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 1308721 | 1095051 | 813099 | 987516 | 873594 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1045243

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil M ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/21/2025 10:22 | Calibration End Date: 06/21/2025 13:44 | Calibration ID: 101499

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD002 460-1045243/11 | N58889.d |
| Level 2 | STD01 460-1045243/10 | N58888.d |
| Level 3 | STD02 460-1045243/9 | N58887.d |
| Level 4 | STD04 460-1045243/8 | N58886.d |
| Level 5 | STD1 460-1045243/7 | N58885.d |
| Level 6 | STD2 460-1045243/6 | N58884.d |
| Level 7 | STD4 460-1045243/5 | N58883.d |
| Level 8 | ICIS 460-1045243/2 | N58880.d |
| Level 9 | STD16 460-1045243/4 | N58882.d |
| Level 10 | STD24 460-1045243/3 | N58881.d |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # LVL 9 # | LVL 4 # LVL 10 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 LVL 9 | LVL 4 LVL 10 | LVL 5 | LVL 6 |
| 1,4-Dioxane | -2.3 | | | | | | 30 | | | | | |
| Benzoic acid | | | | | 11.0 | | | | | | 30 | |
| Benzo[a]anthracene | 2.2 | | | | | | 30 | | | | | |
| Di-n-octyl phthalate | | | 3.3 | | | | | | 30 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58880.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 21-Jun-2025 10:22:16 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:19:49 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 06:16:59

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.528 | 1.528 | 0.000 | 94 | 230119 | 10.0 | 9.69 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.705 | 1.705 | 0.000 | 90 | 340139 | 10.0 | 9.85 | |
| | 3 Pyridine | 79 | 1.740 | 1.740 | 0.000 | 95 | 1207657 | 20.0 | 21.9 | |
| $ | 4 2-Fluorophenol | 112 | 2.705 | 2.705 | 0.000 | 96 | 531921 | 10.0 | 9.22 | |
| | 5 Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 96 | 63113 | 4.00 | 1.45 | |
| $ | 6 Phenol-d5 | 99 | 3.593 | 3.593 | 0.000 | 96 | 615206 | 10.0 | 8.84 | |
| | 7 Phenol | 94 | 3.605 | 3.605 | 0.000 | 98 | 707044 | 10.0 | 9.92 | |
| | 8 Aniline | 93 | 3.611 | 3.611 | 0.000 | 96 | 819853 | 10.0 | 10.5 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.675 | 3.675 | 0.000 | 98 | 527759 | 10.0 | 9.69 | |
| | 10 Benzonitrile | 103 | 3.687 | 3.687 | 0.000 | 99 | 1014595 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.728 | 3.728 | 0.000 | 97 | 565959 | 10.0 | 10.0 | |
| | 12 n-Decane | 43 | 3.793 | 3.793 | 0.000 | 89 | 526128 | 10.0 | 10.1 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.875 | 3.875 | 0.000 | 95 | 644017 | 10.0 | 9.83 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 96 | 339555 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.946 | 3.946 | 0.000 | 94 | 649306 | 10.0 | 9.29 | |
| | 16 Benzyl alcohol | 108 | 4.075 | 4.075 | 0.000 | 93 | 328756 | 10.0 | 11.1 | |
| | 17 1,2-Dichlorobenzene | 146 | 4.093 | 4.093 | 0.000 | 96 | 619430 | 10.0 | 9.91 | |
| | 18 2-Methylphenol | 108 | 4.193 | 4.193 | 0.000 | 88 | 502965 | 10.0 | 10.0 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.205 | 4.205 | 0.000 | 94 | 662224 | 10.0 | 10.1 | |
| | 20 N-Methylaniline | 106 | 4.322 | 4.322 | 0.000 | 97 | 842451 | 10.0 | 10.6 | |
| | 21 Acetophenone | 105 | 4.328 | 4.328 | 0.000 | 94 | 765357 | 10.0 | 10.1 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.334 | 4.334 | 0.000 | 88 | 377148 | 10.0 | 10.0 | |
| | 23 3 & 4 Methylphenol | 108 | 4.352 | 4.352 | 0.000 | 83 | 534669 | 10.0 | 10.4 | |
| | 24 4-Methylphenol | 108 | 4.352 | 4.352 | 0.000 | 90 | 534669 | 10.0 | 10.4 | |
| | 25 Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 95 | 266723 | 10.0 | 10.1 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.469 | 4.469 | 0.000 | 85 | 567162 | 10.0 | 9.20 | |
| | 28 Nitrobenzene | 123 | 4.487 | 4.487 | 0.000 | 96 | 271044 | 10.0 | 9.74 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.499 | 4.499 | 0.000 | 93 | 872707 | 10.0 | 10.5 | |
| | 30 Isophorone | 82 | 4.728 | 4.728 | 0.000 | 99 | 947220 | 10.0 | 9.74 | |
| | 32 2-Nitrophenol | 139 | 4.799 | 4.799 | 0.000 | 94 | 289601 | 10.0 | 10.4 | |
| | 33 2,4-Dimethylphenol | 122 | 4.863 | 4.863 | 0.000 | 91 | 465161 | 10.0 | 10.2 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.952 | 4.952 | 0.000 | 99 | 627120 | 10.0 | 9.88 | |
| 35 Benzoic acid | 122 | 4.993 | 4.993 | 0.000 | 88 | 269140 | 10.0 | 9.61 | |
| 36 2,4-Dichlorophenol | 162 | 5.046 | 5.046 | 0.000 | 96 | 447935 | 10.0 | 10.1 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.116 | 5.116 | 0.000 | 95 | 500723 | 10.0 | 9.69 | |
| * 38 Naphthalene-d8 | 136 | 5.169 | 5.169 | 0.000 | 99 | 1204628 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.187 | 5.187 | 0.000 | 99 | 1561070 | 10.0 | 9.73 | |
| 40 4-Chloroaniline | 127 | 5.252 | 5.252 | 0.000 | 97 | 620228 | 10.0 | 10.6 | |
| 130 2,6-Dichlorophenol | 162 | 5.258 | 5.258 | 0.000 | 98 | 431965 | 10.0 | 10.0 | |
| 41 Hexachlorobutadiene | 225 | 5.328 | 5.328 | 0.000 | 96 | 313466 | 10.0 | 9.96 | |
| 42 Caprolactam | 55 | 5.587 | 5.587 | 0.000 | 93 | 64106 | 4.00 | 3.88 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.740 | 5.740 | 0.000 | 95 | 404134 | 10.0 | 9.88 | |
| 44 2-Methylnaphthalene | 142 | 5.858 | 5.858 | 0.000 | 84 | 895336 | 10.0 | 9.87 | |
| 45 1-Methylnaphthalene | 142 | 5.952 | 5.952 | 0.000 | 92 | 929392 | 10.0 | 9.92 | |
| 46 Hexachlorocyclopentadiene | 237 | 6.022 | 6.022 | 0.000 | 97 | 415470 | 10.0 | 10.7 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 6.028 | 6.028 | 0.000 | 96 | 510080 | 10.0 | 10.3 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.081 | 6.081 | 0.000 | 90 | 620156 | 10.0 | 10.0 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.140 | 6.140 | 0.000 | 90 | 311490 | 10.0 | 10.4 | |
| 50 2,4,5-Trichlorophenol | 196 | 6.175 | 6.175 | 0.000 | 97 | 327128 | 10.0 | 10.2 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.222 | 6.222 | 0.000 | 97 | 1048938 | 10.0 | 9.20 | |
| 52 1,1'-Biphenyl | 154 | 6.316 | 6.316 | 0.000 | 97 | 1143578 | 10.0 | 9.97 | |
| 53 2-Chloronaphthalene | 162 | 6.322 | 6.322 | 0.000 | 98 | 903984 | 10.0 | 10.0 | |
| 54 Phenyl ether | 170 | 6.416 | 6.416 | 0.000 | 87 | 631399 | 10.0 | 10.2 | |
| 55 2-Nitroaniline | 65 | 6.428 | 6.428 | 0.000 | 99 | 289830 | 10.0 | 10.2 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.540 | 6.540 | 0.000 | 91 | 620969 | 10.0 | 9.92 | |
| 60 Coumarin | 146 | 6.622 | 6.622 | 0.000 | 77 | 303577 | 10.0 | 9.70 | |
| 59 Dimethyl phthalate | 163 | 6.622 | 6.622 | 0.000 | 97 | 885307 | 10.0 | 9.64 | |
| 61 2,6-Dinitrotoluene | 165 | 6.669 | 6.669 | 0.000 | 96 | 206053 | 10.0 | 10.4 | |
| 62 Acenaphthylene | 152 | 6.716 | 6.716 | 0.000 | 97 | 1373523 | 10.0 | 9.87 | |
| 63 3-Nitroaniline | 138 | 6.822 | 6.822 | 0.000 | 98 | 215505 | 10.0 | 10.3 | |
| * 64 Acenaphthene-d10 | 164 | 6.857 | 6.857 | 0.000 | 95 | 580779 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.887 | 6.887 | 0.000 | 96 | 810663 | 10.0 | 9.82 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.905 | 6.905 | 0.000 | 97 | 809588 | 10.0 | 10.3 | |
| 67 2,4-Dinitrophenol | 184 | 6.922 | 6.922 | 0.000 | 96 | 182308 | 20.0 | 19.4 | |
| 68 4-Nitrophenol | 65 | 7.010 | 7.010 | 0.000 | 90 | 260505 | 20.0 | 20.6 | |
| 69 2,4-Dinitrotoluene | 165 | 7.046 | 7.046 | 0.000 | 93 | 256438 | 10.0 | 10.8 | |
| 70 Dibenzofuran | 168 | 7.052 | 7.052 | 0.000 | 95 | 1179207 | 10.0 | 9.80 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 7.175 | 7.175 | 0.000 | 94 | 239577 | 10.0 | 10.4 | |
| 73 Diethyl phthalate | 149 | 7.299 | 7.299 | 0.000 | 98 | 852497 | 10.0 | 9.46 | |
| 75 Fluorene | 166 | 7.375 | 7.375 | 0.000 | 94 | 927889 | 10.0 | 9.80 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.387 | 7.387 | 0.000 | 91 | 453098 | 10.0 | 9.80 | |
| 76 4-Nitroaniline | 138 | 7.405 | 7.405 | 0.000 | 89 | 192608 | 10.0 | 10.3 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.440 | 7.440 | 0.000 | 87 | 250481 | 20.0 | 19.5 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.505 | 7.505 | 0.000 | 96 | 625203 | 10.0 | 10.1 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.534 | 7.534 | 0.000 | 94 | 941061 | 10.0 | 10.3 | |
| 131 Azobenzene | 77 | 7.534 | 7.534 | 0.000 | 0 | 941054 | 10.0 | 10.2 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.604 | 7.604 | 0.000 | 91 | 212650 | 10.0 | 8.86 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.852 | 7.852 | 0.000 | 94 | 283631 | 10.0 | 10.1 | |
| 82 Hexachlorobenzene | 284 | 7.904 | 7.904 | 0.000 | 96 | 351538 | 10.0 | 9.84 | |
| 83 Atrazine | 200 | 8.022 | 8.022 | 0.000 | 93 | 86928 | 4.00 | 4.34 | |
| 84 Pentachlorophenol | 266 | 8.099 | 8.099 | 0.000 | 95 | 387995 | 20.0 | 21.4 | |
| 85 Pentachloronitrobenzene | 237 | 8.110 | 8.110 | 0.000 | 91 | 86834 | 10.0 | 10.1 | |
| 86 n-Octadecane | 57 | 8.210 | 8.210 | 0.000 | 90 | 574730 | 10.0 | 10.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.263 | 8.263 | 0.000 | 99 | 893606 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.287 | 8.287 | 0.000 | 98 | 1125039 | 10.0 | 9.62 | |
| 89 Anthracene | 178 | 8.334 | 8.334 | 0.000 | 98 | 1167173 | 10.0 | 9.92 | |
| 90 Carbazole | 167 | 8.493 | 8.493 | 0.000 | 96 | 950416 | 10.0 | 9.75 | |
| 91 Di-n-butyl phthalate | 149 | 8.851 | 8.851 | 0.000 | 99 | 1111713 | 10.0 | 10.2 | |
| 92 Fluoranthene | 202 | 9.410 | 9.410 | 0.000 | 97 | 1000014 | 10.0 | 9.85 | |
| 93 Benzidine | 184 | 9.551 | 9.551 | 0.000 | 99 | 343449 | 10.0 | 9.37 | |
| 94 Pyrene | 202 | 9.622 | 9.622 | 0.000 | 97 | 1029395 | 10.0 | 9.52 | |
| 95 Bisphenol-A | 213 | 9.716 | 9.716 | 0.000 | 98 | 351481 | 10.0 | 9.91 | |
| $ 96 Terphenyl-d14 | 244 | 9.793 | 9.793 | 0.000 | 98 | 813099 | 10.0 | 8.62 | |
| 97 Butyl benzyl phthalate | 149 | 10.287 | 10.287 | 0.000 | 97 | 374510 | 10.0 | 10.5 | |
| 98 2,3,7,8-TCDD | 320 | 10.357 | 10.357 | 0.000 | 91 | 1575 | 0.1000 | 0.1000 | |
| 99 Carbamazepine | 193 | 10.375 | 10.375 | 0.000 | 92 | 291485 | 10.0 | 10.5 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.822 | 10.822 | 0.000 | 99 | 325525 | 10.0 | 10.4 | |
| 101 Benzo[a]anthracene | 228 | 10.834 | 10.834 | 0.000 | 99 | 843202 | 10.0 | 10.1 | |
| * 102 Chrysene-d12 | 240 | 10.846 | 10.846 | 0.000 | 99 | 502138 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.875 | 10.875 | 0.000 | 98 | 783139 | 10.0 | 9.96 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.928 | 10.928 | 0.000 | 86 | 544762 | 10.0 | 11.4 | |
| 105 Di-n-octyl phthalate | 149 | 11.728 | 11.728 | 0.000 | 96 | 774202 | 10.0 | 10.1 | |
| 106 Benzo[b]fluoranthene | 252 | 12.151 | 12.151 | 0.000 | 98 | 738975 | 10.0 | 10.3 | |
| 107 Benzo[k]fluoranthene | 252 | 12.187 | 12.187 | 0.000 | 99 | 759699 | 10.0 | 10.1 | |
| 108 Benzo[a]pyrene | 252 | 12.575 | 12.575 | 0.000 | 97 | 655289 | 10.0 | 10.7 | |
| * 109 Perylene-d12 | 264 | 12.651 | 12.651 | 0.000 | 98 | 479895 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.116 | 14.116 | 0.000 | 99 | 656573 | 10.0 | 11.0 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.157 | 14.157 | 0.000 | 98 | 650536 | 10.0 | 11.0 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.486 | 14.486 | 0.000 | 98 | 629574 | 10.0 | 10.8 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

## Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 23-Jun-2025 06:19:50 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58880.d

Injection Date: 21-Jun-2025 10:22:16 Instrument ID: CBNAMS14 Operator ID:

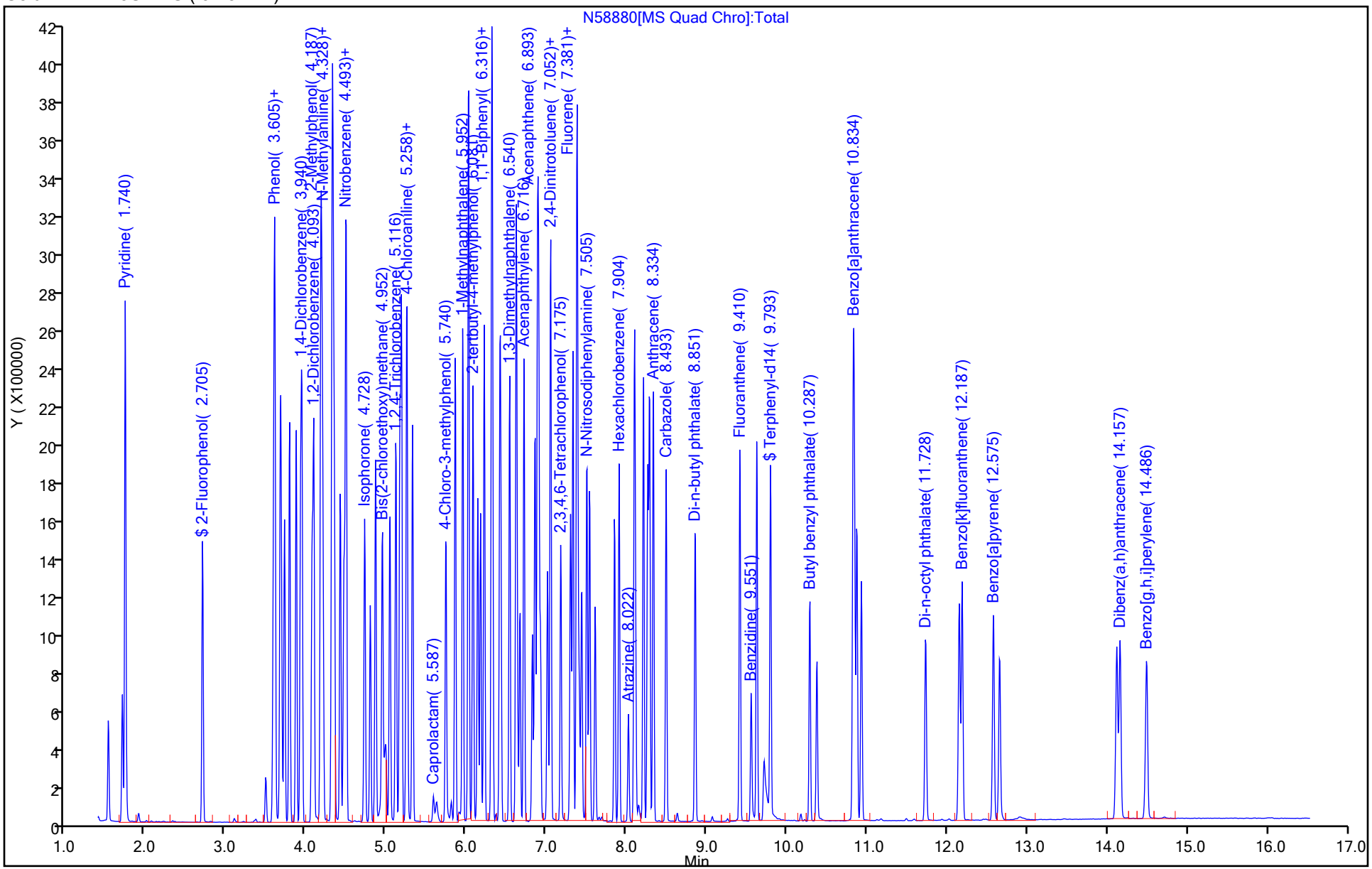
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58880.d
Injection Date: 21-Jun-2025 10:22:16 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

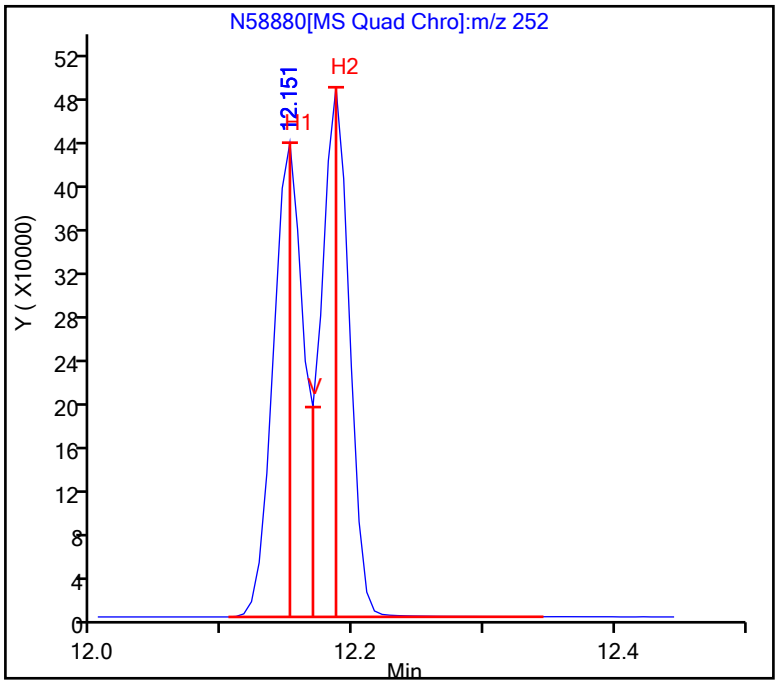
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 194432
H1( 106 Benzo[b]fluoranthen) = 439447
H2( 107 Benzo[k]fluoranthen) = 490795

Version D: %R = 41.8 <= 50.0
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58881.d
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 21-Jun-2025 10:44:24 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-003
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:19:53 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 04:54:38

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.528 | 1.528 | 0.000 | 93 | 570599 | 24.0 | 24.2 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.711 | 1.705 | 0.006 | 92 | 840748 | 24.0 | 24.5 | |
| | 3 Pyridine | 79 | 1.740 | 1.740 | 0.000 | 96 | 2758794 | 48.0 | 50.3 | |
| $ | 4 2-Fluorophenol | 112 | 2.711 | 2.705 | 0.006 | 96 | 595532 | 10.0 | 10.4 | |
| | 5 Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 95 | 127914 | 6.40 | 2.96 | |
| $ | 6 Phenol-d5 | 99 | 3.605 | 3.593 | 0.012 | 95 | 715742 | 10.0 | 10.4 | |
| | 7 Phenol | 94 | 3.617 | 3.605 | 0.012 | 93 | 1680123 | 24.0 | 23.8 | |
| | 8 Aniline | 93 | 3.617 | 3.611 | 0.006 | 86 | 1673015 | 24.0 | 21.7 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.687 | 3.675 | 0.012 | 97 | 1369758 | 24.0 | 25.3 | |
| | 10 Benzonitrile | 103 | 3.699 | 3.687 | 0.012 | 98 | 2481395 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.734 | 3.728 | 0.006 | 97 | 1373575 | 24.0 | 24.5 | |
| | 12 n-Decane | 43 | 3.793 | 3.793 | 0.000 | 88 | 1233732 | 24.0 | 23.8 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.881 | 3.875 | 0.006 | 95 | 1545377 | 24.0 | 23.8 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.934 | 3.928 | 0.006 | 96 | 336951 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.952 | 3.946 | 0.006 | 95 | 1559697 | 24.0 | 22.5 | |
| | 16 Benzyl alcohol | 108 | 4.087 | 4.075 | 0.012 | 94 | 689060 | 24.0 | 23.5 | |
| | 17 1,2-Dichlorobenzene | 146 | 4.099 | 4.093 | 0.006 | 96 | 1474471 | 24.0 | 23.8 | |
| | 18 2-Methylphenol | 108 | 4.205 | 4.193 | 0.012 | 89 | 1212241 | 24.0 | 24.4 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.211 | 4.205 | 0.006 | 94 | 1460309 | 24.0 | 22.5 | |
| | 20 N-Methylaniline | 106 | 4.328 | 4.322 | 0.006 | 97 | 1916828 | 24.0 | 24.3 | |
| | 21 Acetophenone | 105 | 4.340 | 4.328 | 0.012 | 94 | 1698832 | 24.0 | 22.5 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.352 | 4.334 | 0.018 | 83 | 830228 | 24.0 | 22.2 | |
| | 23 3 & 4 Methylphenol | 108 | 4.364 | 4.352 | 0.012 | 79 | 1212245 | 24.0 | 23.7 | |
| | 24 4-Methylphenol | 108 | 4.364 | 4.352 | 0.012 | 98 | 1212245 | 24.0 | 23.7 | |
| | 25 Hexachloroethane | 117 | 4.428 | 4.422 | 0.006 | 94 | 627280 | 24.0 | 24.0 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.475 | 4.469 | 0.006 | 84 | 629417 | 10.0 | 10.7 | |
| | 28 Nitrobenzene | 123 | 4.499 | 4.487 | 0.012 | 98 | 618490 | 24.0 | 22.4 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.505 | 4.499 | 0.006 | 95 | 1943866 | 24.0 | 23.5 | |
| | 30 Isophorone | 82 | 4.746 | 4.728 | 0.018 | 99 | 2166067 | 24.0 | 23.3 | |
| | 32 2-Nitrophenol | 139 | 4.805 | 4.799 | 0.006 | 95 | 681234 | 24.0 | 25.6 | |
| | 33 2,4-Dimethylphenol | 122 | 4.875 | 4.863 | 0.012 | 91 | 1071889 | 24.0 | 24.6 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.958 | 4.952 | 0.006 | 99 | 1446663 | 24.0 | 23.9 | |
| 35 Benzoic acid | 122 | 5.040 | 4.993 | 0.047 | 89 | 636036 | 24.0 | 22.7 | |
| 36 2,4-Dichlorophenol | 162 | 5.052 | 5.046 | 0.006 | 97 | 1058414 | 24.0 | 25.0 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.122 | 5.116 | 0.006 | 94 | 1210959 | 24.0 | 24.5 | |
| * 38 Naphthalene-d8 | 136 | 5.169 | 5.169 | 0.000 | 99 | 1151097 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.193 | 5.187 | 0.006 | 99 | 3448311 | 24.0 | 22.5 | |
| 40 4-Chloroaniline | 127 | 5.264 | 5.252 | 0.012 | 98 | 1207195 | 24.0 | 21.7 | |
| 130 2,6-Dichlorophenol | 162 | 5.264 | 5.258 | 0.006 | 98 | 1002278 | 24.0 | 24.3 | |
| 41 Hexachlorobutadiene | 225 | 5.328 | 5.328 | 0.000 | 97 | 744557 | 24.0 | 24.8 | |
| 42 Caprolactam | 55 | 5.699 | 5.587 | 0.112 | 94 | 93364 | 6.40 | 5.91 | Ma |
| 43 4-Chloro-3-methylphenol | 107 | 5.752 | 5.740 | 0.012 | 96 | 927453 | 24.0 | 23.7 | |
| 44 2-Methylnaphthalene | 142 | 5.863 | 5.858 | 0.005 | 84 | 1969533 | 24.0 | 22.7 | |
| 45 1-Methylnaphthalene | 142 | 5.958 | 5.952 | 0.006 | 92 | 2022073 | 24.0 | 22.6 | |
| 46 Hexachlorocyclopentadiene | 237 | 6.028 | 6.022 | 0.006 | 98 | 946595 | 24.0 | 27.0 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 6.034 | 6.028 | 0.006 | 98 | 1159197 | 24.0 | 25.9 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.087 | 6.081 | 0.006 | 91 | 1401444 | 24.0 | 23.7 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.146 | 6.140 | 0.006 | 91 | 705124 | 24.0 | 26.0 | |
| 50 2,4,5-Trichlorophenol | 196 | 6.181 | 6.175 | 0.006 | 98 | 744811 | 24.0 | 25.6 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.222 | 6.222 | 0.000 | 97 | 1120940 | 10.0 | 10.9 | |
| 52 1,1'-Biphenyl | 154 | 6.316 | 6.316 | 0.000 | 97 | 2472239 | 24.0 | 23.8 | |
| 53 2-Chloronaphthalene | 162 | 6.328 | 6.322 | 0.006 | 99 | 1952611 | 24.0 | 24.0 | |
| 54 Phenyl ether | 170 | 6.422 | 6.416 | 0.006 | 87 | 1392570 | 24.0 | 24.9 | |
| 55 2-Nitroaniline | 65 | 6.434 | 6.428 | 0.006 | 98 | 616373 | 24.0 | 24.0 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.546 | 6.540 | 0.006 | 90 | 1381063 | 24.0 | 24.4 | |
| 60 Coumarin | 146 | 6.628 | 6.622 | 0.006 | 80 | 663468 | 24.0 | 22.2 | |
| 59 Dimethyl phthalate | 163 | 6.634 | 6.622 | 0.012 | 98 | 1923735 | 24.0 | 23.2 | |
| 61 2,6-Dinitrotoluene | 165 | 6.675 | 6.669 | 0.006 | 96 | 451975 | 24.0 | 25.2 | |
| 62 Acenaphthylene | 152 | 6.722 | 6.716 | 0.006 | 97 | 2929647 | 24.0 | 23.3 | |
| 63 3-Nitroaniline | 138 | 6.834 | 6.822 | 0.012 | 98 | 440041 | 24.0 | 23.3 | |
| * 64 Acenaphthene-d10 | 164 | 6.858 | 6.857 | 0.001 | 96 | 524912 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.893 | 6.887 | 0.006 | 96 | 1694707 | 24.0 | 22.7 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.910 | 6.905 | 0.005 | 96 | 1837597 | 24.0 | 25.9 | |
| 67 2,4-Dinitrophenol | 184 | 6.934 | 6.922 | 0.012 | 96 | 461957 | 48.0 | 46.0 | |
| 68 4-Nitrophenol | 65 | 7.022 | 7.010 | 0.012 | 89 | 583604 | 48.0 | 51.2 | |
| 69 2,4-Dinitrotoluene | 165 | 7.058 | 7.046 | 0.012 | 87 | 545854 | 24.0 | 25.5 | |
| 70 Dibenzofuran | 168 | 7.058 | 7.052 | 0.006 | 96 | 2545951 | 24.0 | 23.4 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 7.181 | 7.175 | 0.006 | 94 | 511643 | 24.0 | 24.5 | |
| 73 Diethyl phthalate | 149 | 7.305 | 7.299 | 0.006 | 98 | 1868909 | 24.0 | 23.0 | |
| 75 Fluorene | 166 | 7.381 | 7.375 | 0.006 | 94 | 1968958 | 24.0 | 23.0 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.393 | 7.387 | 0.006 | 91 | 982810 | 24.0 | 23.5 | |
| 76 4-Nitroaniline | 138 | 7.422 | 7.405 | 0.018 | 84 | 367552 | 24.0 | 21.8 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.452 | 7.440 | 0.012 | 89 | 588945 | 48.0 | 46.7 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.510 | 7.505 | 0.006 | 95 | 1358841 | 24.0 | 24.8 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.540 | 7.534 | 0.006 | 94 | 2000505 | 24.0 | 24.8 | |
| 131 Azobenzene | 77 | 7.540 | 7.534 | 0.006 | 0 | 2000473 | 24.0 | 24.5 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.610 | 7.604 | 0.006 | 91 | 216532 | 10.0 | 9.98 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.852 | 7.852 | 0.000 | 95 | 642375 | 24.0 | 25.9 | |
| 82 Hexachlorobenzene | 284 | 7.910 | 7.904 | 0.006 | 95 | 786267 | 24.0 | 24.9 | |
| 83 Atrazine | 200 | 8.028 | 8.022 | 0.006 | 94 | 121886 | 6.40 | 6.89 | |
| 84 Pentachlorophenol | 266 | 8.099 | 8.099 | 0.000 | 95 | 909626 | 48.0 | 56.8 | |
| 85 Pentachloronitrobenzene | 237 | 8.110 | 8.110 | 0.000 | 91 | 210971 | 24.0 | 27.8 | |
| 86 n-Octadecane | 57 | 8.210 | 8.210 | 0.000 | 89 | 1223723 | 24.0 | 25.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.263 | 8.263 | 0.000 | 99 | 789692 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.287 | 8.287 | 0.000 | 98 | 2397746 | 24.0 | 23.2 | |
| 89 Anthracene | 178 | 8.340 | 8.334 | 0.006 | 98 | 2452558 | 24.0 | 23.6 | |
| 90 Carbazole | 167 | 8.499 | 8.493 | 0.006 | 96 | 2021765 | 24.0 | 23.5 | |
| 91 Di-n-butyl phthalate | 149 | 8.857 | 8.851 | 0.006 | 99 | 2390038 | 24.0 | 24.7 | |
| 92 Fluoranthene | 202 | 9.416 | 9.410 | 0.006 | 97 | 2159280 | 24.0 | 24.1 | |
| 93 Benzidine | 184 | 9.557 | 9.551 | 0.006 | 99 | 934033 | 24.0 | 24.2 | |
| 94 Pyrene | 202 | 9.628 | 9.622 | 0.006 | 96 | 2157753 | 24.0 | 21.8 | |
| 95 Bisphenol-A | 213 | 9.716 | 9.716 | 0.000 | 98 | 834038 | 24.0 | 25.7 | |
| $ 96 Terphenyl-d14 | 244 | 9.793 | 9.793 | 0.000 | 98 | 873594 | 10.0 | 10.1 | |
| 97 Butyl benzyl phthalate | 149 | 10.287 | 10.287 | 0.000 | 97 | 871084 | 24.0 | 26.6 | |
| 99 Carbamazepine | 193 | 10.381 | 10.375 | 0.006 | 92 | 710790 | 24.0 | 23.9 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.828 | 10.822 | 0.006 | 99 | 717590 | 24.0 | 23.8 | |
| 101 Benzo[a]anthracene | 228 | 10.834 | 10.834 | 0.000 | 99 | 1892404 | 24.0 | 24.9 | |
| * 102 Chrysene-d12 | 240 | 10.846 | 10.846 | 0.000 | 99 | 458667 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.881 | 10.875 | 0.006 | 98 | 1674618 | 24.0 | 23.3 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.934 | 10.928 | 0.006 | 86 | 1254141 | 24.0 | 28.9 | |
| 105 Di-n-octyl phthalate | 149 | 11.734 | 11.728 | 0.006 | 96 | 1890708 | 24.0 | 25.6 | |
| 106 Benzo[b]fluoranthene | 252 | 12.157 | 12.151 | 0.006 | 98 | 1686228 | 24.0 | 24.4 | |
| 107 Benzo[k]fluoranthene | 252 | 12.198 | 12.187 | 0.011 | 99 | 1765536 | 24.0 | 24.4 | |
| 108 Benzo[a]pyrene | 252 | 12.587 | 12.575 | 0.012 | 97 | 1554603 | 24.0 | 26.3 | |
| * 109 Perylene-d12 | 264 | 12.657 | 12.651 | 0.006 | 98 | 460949 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.128 | 14.116 | 0.012 | 99 | 1732875 | 24.0 | 30.2 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.169 | 14.157 | 0.012 | 98 | 1650908 | 24.0 | 29.0 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.504 | 14.486 | 0.018 | 98 | 1622025 | 24.0 | 28.9 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 48.1 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SV_BNAL9_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 23-Jun-2025 06:19:54 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58881.d

Injection Date: 21-Jun-2025 10:44:24 Instrument ID: CBNAMS14 Operator ID:

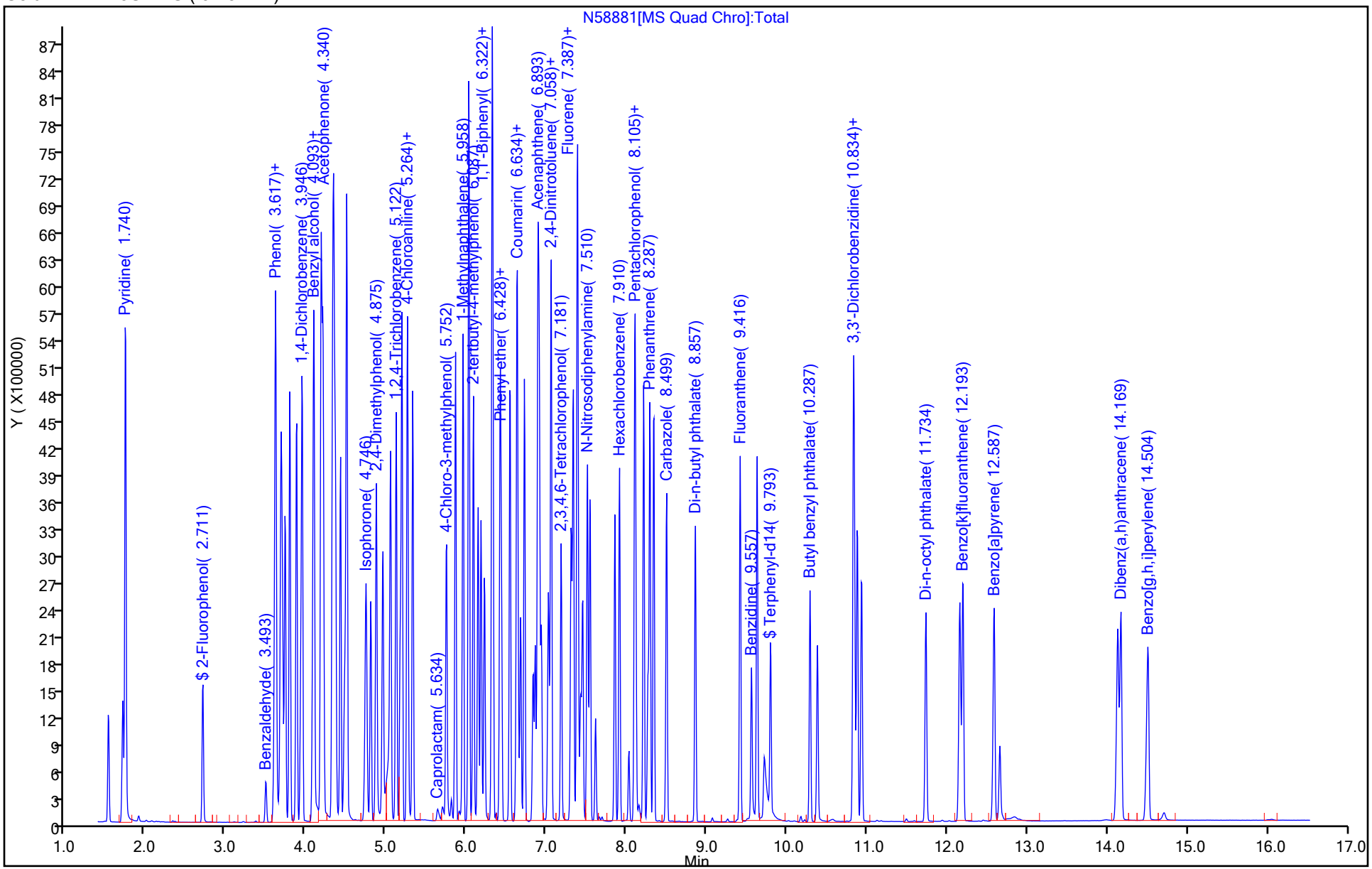
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

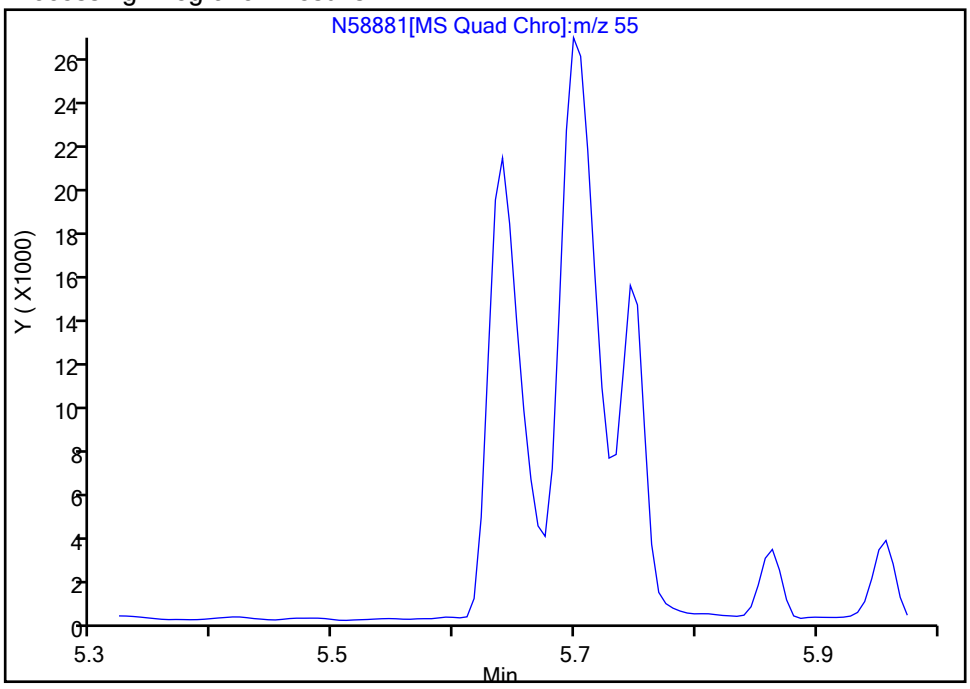
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58881.d
Injection Date: 21-Jun-2025 10:44:24 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

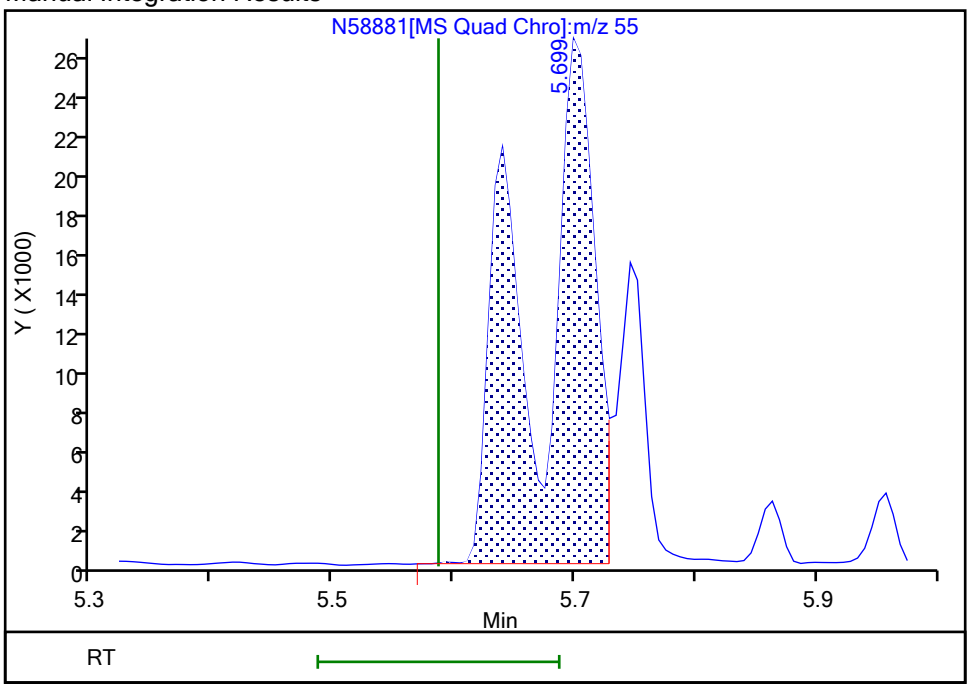
Not Detected
Expected RT: 5.59

Processing Integration Results




Manual Integration Results

RT: 5.70
Area: 93364
Amount: 5.911583
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:53:48 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58882.d
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 21-Jun-2025 11:06:54 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-004
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:19:58 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 04:55:43

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.540 | 1.528 | 0.012 | 93 | 425860 | 16.0 | 16.2 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.717 | 1.705 | 0.012 | 93 | 656120 | 16.0 | 17.1 | |
| | 3 Pyridine | 79 | 1.752 | 1.740 | 0.012 | 96 | 2118078 | 32.0 | 34.5 | |
| $ | 4 2-Fluorophenol | 112 | 2.711 | 2.705 | 0.006 | 96 | 610330 | 10.0 | 9.52 | |
| | 5 Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 96 | 170977 | 4.80 | 3.54 | |
| $ | 6 Phenol-d5 | 99 | 3.599 | 3.593 | 0.006 | 95 | 730006 | 10.0 | 9.44 | |
| | 7 Phenol | 94 | 3.611 | 3.605 | 0.006 | 91 | 1336746 | 16.0 | 16.9 | |
| | 8 Aniline | 93 | 3.611 | 3.611 | 0.000 | 92 | 1396714 | 16.0 | 16.2 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.681 | 3.675 | 0.006 | 97 | 1066006 | 16.0 | 17.6 | |
| | 10 Benzonitrile | 103 | 3.693 | 3.687 | 0.006 | 98 | 1909034 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.734 | 3.728 | 0.006 | 97 | 1056619 | 16.0 | 16.8 | |
| | 12 n-Decane | 43 | 3.793 | 3.793 | 0.000 | 89 | 929050 | 16.0 | 16.0 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.875 | 3.875 | 0.000 | 95 | 1181227 | 16.0 | 16.2 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 97 | 376973 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.946 | 3.946 | 0.000 | 94 | 1197162 | 16.0 | 15.4 | |
| | 16 Benzyl alcohol | 108 | 4.081 | 4.075 | 0.006 | 94 | 590212 | 16.0 | 18.0 | |
| | 17 1,2-Dichlorobenzene | 146 | 4.093 | 4.093 | 0.000 | 96 | 1133993 | 16.0 | 16.3 | |
| | 18 2-Methylphenol | 108 | 4.199 | 4.193 | 0.006 | 89 | 958122 | 16.0 | 17.2 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.211 | 4.205 | 0.006 | 92 | 1164841 | 16.0 | 16.1 | |
| | 20 N-Methylaniline | 106 | 4.322 | 4.322 | 0.000 | 97 | 1496293 | 16.0 | 17.0 | |
| | 21 Acetophenone | 105 | 4.334 | 4.328 | 0.006 | 93 | 1388398 | 16.0 | 16.4 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.346 | 4.334 | 0.012 | 84 | 685946 | 16.0 | 16.4 | |
| | 23 3 & 4 Methylphenol | 108 | 4.358 | 4.352 | 0.006 | 79 | 972689 | 16.0 | 17.0 | |
| | 24 4-Methylphenol | 108 | 4.358 | 4.352 | 0.006 | 90 | 972689 | 16.0 | 17.0 | |
| | 25 Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 95 | 480611 | 16.0 | 16.4 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.475 | 4.469 | 0.006 | 88 | 639324 | 10.0 | 9.41 | |
| | 28 Nitrobenzene | 123 | 4.493 | 4.487 | 0.006 | 97 | 496075 | 16.0 | 16.1 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.505 | 4.499 | 0.006 | 94 | 1494621 | 16.0 | 16.1 | |
| | 30 Isophorone | 82 | 4.740 | 4.728 | 0.012 | 99 | 1805515 | 16.0 | 16.8 | |
| | 32 2-Nitrophenol | 139 | 4.805 | 4.799 | 0.006 | 95 | 547974 | 16.0 | 17.8 | |
| | 33 2,4-Dimethylphenol | 122 | 4.869 | 4.863 | 0.006 | 91 | 858527 | 16.0 | 17.1 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.952 | 4.952 | 0.000 | 99 | 1178362 | 16.0 | 16.8 | |
| 35 Benzoic acid | 122 | 5.028 | 4.993 | 0.035 | 88 | 577404 | 16.0 | 18.0 | |
| 36 2,4-Dichlorophenol | 162 | 5.052 | 5.046 | 0.006 | 97 | 849112 | 16.0 | 17.4 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.122 | 5.116 | 0.006 | 94 | 932785 | 16.0 | 16.4 | |
| * 38 Naphthalene-d8 | 136 | 5.169 | 5.169 | 0.000 | 99 | 1327835 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.193 | 5.187 | 0.006 | 99 | 2793597 | 16.0 | 15.8 | |
| 40 4-Chloroaniline | 127 | 5.258 | 5.252 | 0.006 | 98 | 1066295 | 16.0 | 16.6 | |
| 130 2,6-Dichlorophenol | 162 | 5.263 | 5.258 | 0.005 | 98 | 815430 | 16.0 | 17.1 | |
| 41 Hexachlorobutadiene | 225 | 5.328 | 5.328 | 0.000 | 97 | 577792 | 16.0 | 16.7 | |
| 42 Caprolactam | 55 | 5.681 | 5.587 | 0.094 | 94 | 100403 | 4.80 | 5.51 | M |
| 43 4-Chloro-3-methylphenol | 107 | 5.746 | 5.740 | 0.006 | 96 | 800283 | 16.0 | 17.8 | |
| 44 2-Methylnaphthalene | 142 | 5.863 | 5.858 | 0.005 | 84 | 1643232 | 16.0 | 16.4 | |
| 45 1-Methylnaphthalene | 142 | 5.958 | 5.952 | 0.006 | 91 | 1670665 | 16.0 | 16.2 | |
| 46 Hexachlorocyclopentadiene | 237 | 6.028 | 6.022 | 0.006 | 98 | 761241 | 16.0 | 17.4 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 6.028 | 6.028 | 0.000 | 98 | 954479 | 16.0 | 17.1 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.087 | 6.081 | 0.006 | 93 | 1129767 | 16.0 | 16.6 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.146 | 6.140 | 0.006 | 91 | 611419 | 16.0 | 18.1 | |
| 50 2,4,5-Trichlorophenol | 196 | 6.181 | 6.175 | 0.006 | 98 | 629284 | 16.0 | 17.4 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.222 | 6.222 | 0.000 | 97 | 1203541 | 10.0 | 9.38 | |
| 52 1,1'-Biphenyl | 154 | 6.316 | 6.316 | 0.000 | 97 | 2081479 | 16.0 | 16.1 | |
| 53 2-Chloronaphthalene | 162 | 6.328 | 6.322 | 0.006 | 98 | 1624700 | 16.0 | 16.0 | |
| 54 Phenyl ether | 170 | 6.422 | 6.416 | 0.006 | 87 | 1139801 | 16.0 | 16.4 | |
| 55 2-Nitroaniline | 65 | 6.434 | 6.428 | 0.006 | 98 | 545357 | 16.0 | 17.0 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.540 | 6.540 | 0.000 | 91 | 1129457 | 16.0 | 16.0 | |
| 60 Coumarin | 146 | 6.628 | 6.622 | 0.006 | 77 | 587761 | 16.0 | 17.0 | |
| 59 Dimethyl phthalate | 163 | 6.628 | 6.622 | 0.006 | 98 | 1715167 | 16.0 | 16.6 | |
| 61 2,6-Dinitrotoluene | 165 | 6.675 | 6.669 | 0.006 | 96 | 403482 | 16.0 | 18.0 | |
| 62 Acenaphthylene | 152 | 6.722 | 6.716 | 0.006 | 97 | 2580312 | 16.0 | 16.5 | |
| 63 3-Nitroaniline | 138 | 6.828 | 6.822 | 0.006 | 98 | 424412 | 16.0 | 18.1 | |
| * 64 Acenaphthene-d10 | 164 | 6.858 | 6.857 | 0.001 | 95 | 653915 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.887 | 6.887 | 0.000 | 96 | 1481809 | 16.0 | 15.9 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.905 | 6.905 | 0.000 | 97 | 1491454 | 16.0 | 16.9 | |
| 67 2,4-Dinitrophenol | 184 | 6.934 | 6.922 | 0.012 | 96 | 422256 | 32.0 | 35.8 | |
| 68 4-Nitrophenol | 65 | 7.022 | 7.010 | 0.012 | 89 | 533665 | 32.0 | 37.6 | |
| 69 2,4-Dinitrotoluene | 165 | 7.052 | 7.046 | 0.006 | 96 | 511283 | 16.0 | 19.2 | |
| 70 Dibenzofuran | 168 | 7.058 | 7.052 | 0.006 | 96 | 2200347 | 16.0 | 16.2 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 7.181 | 7.175 | 0.006 | 94 | 464817 | 16.0 | 17.9 | |
| 73 Diethyl phthalate | 149 | 7.305 | 7.299 | 0.006 | 98 | 1710881 | 16.0 | 16.9 | |
| 75 Fluorene | 166 | 7.381 | 7.375 | 0.006 | 94 | 1739236 | 16.0 | 16.3 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.387 | 7.387 | 0.000 | 89 | 869438 | 16.0 | 16.7 | |
| 76 4-Nitroaniline | 138 | 7.422 | 7.405 | 0.018 | 87 | 381275 | 16.0 | 18.2 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.446 | 7.440 | 0.006 | 90 | 558908 | 32.0 | 34.5 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.505 | 7.505 | 0.001 | 96 | 1226213 | 16.0 | 16.7 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.540 | 7.534 | 0.006 | 94 | 1770880 | 16.0 | 16.4 | |
| 131 Azobenzene | 77 | 7.540 | 7.534 | 0.006 | 0 | 1770928 | 16.0 | 16.2 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.610 | 7.604 | 0.006 | 91 | 256476 | 10.0 | 9.49 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.852 | 7.852 | 0.000 | 94 | 568476 | 16.0 | 17.1 | |
| 82 Hexachlorobenzene | 284 | 7.910 | 7.904 | 0.006 | 95 | 716413 | 16.0 | 16.9 | |
| 83 Atrazine | 200 | 8.028 | 8.022 | 0.006 | 94 | 135222 | 4.80 | 5.71 | |
| 84 Pentachlorophenol | 266 | 8.099 | 8.099 | 0.000 | 94 | 839454 | 32.0 | 39.1 | |
| 85 Pentachloronitrobenzene | 237 | 8.110 | 8.110 | 0.000 | 91 | 180183 | 16.0 | 17.7 | |
| 86 n-Octadecane | 57 | 8.210 | 8.210 | 0.000 | 90 | 1051642 | 16.0 | 16.3 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.263 | 8.263 | 0.000 | 99 | 1057664 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.287 | 8.287 | 0.000 | 98 | 2225260 | 16.0 | 16.1 | |
| 89 Anthracene | 178 | 8.334 | 8.334 | 0.000 | 98 | 2320901 | 16.0 | 16.7 | |
| 90 Carbazole | 167 | 8.499 | 8.493 | 0.006 | 96 | 1911772 | 16.0 | 16.6 | |
| 91 Di-n-butyl phthalate | 149 | 8.857 | 8.851 | 0.006 | 99 | 2236512 | 16.0 | 17.3 | |
| 92 Fluoranthene | 202 | 9.416 | 9.410 | 0.006 | 97 | 1978209 | 16.0 | 16.5 | |
| 93 Benzidine | 184 | 9.557 | 9.551 | 0.006 | 99 | 746771 | 16.0 | 15.9 | |
| 94 Pyrene | 202 | 9.628 | 9.622 | 0.006 | 96 | 2023780 | 16.0 | 17.2 | |
| 95 Bisphenol-A | 213 | 9.722 | 9.716 | 0.006 | 98 | 680842 | 16.0 | 17.7 | |
| $ 96 Terphenyl-d14 | 244 | 9.799 | 9.793 | 0.006 | 98 | 987516 | 10.0 | 9.65 | |
| 97 Butyl benzyl phthalate | 149 | 10.287 | 10.287 | 0.000 | 97 | 725459 | 16.0 | 18.7 | |
| 99 Carbamazepine | 193 | 10.375 | 10.375 | 0.000 | 92 | 516313 | 16.0 | 16.0 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.828 | 10.822 | 0.006 | 99 | 560173 | 16.0 | 16.1 | |
| 101 Benzo[a]anthracene | 228 | 10.834 | 10.834 | 0.000 | 99 | 1573575 | 16.0 | 17.4 | |
| * 102 Chrysene-d12 | 240 | 10.846 | 10.846 | 0.000 | 99 | 544728 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.875 | 10.875 | 0.000 | 98 | 1371089 | 16.0 | 16.1 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.928 | 10.928 | 0.000 | 86 | 1009853 | 16.0 | 19.6 | |
| 105 Di-n-octyl phthalate | 149 | 11.734 | 11.728 | 0.006 | 96 | 1431893 | 16.0 | 18.1 | |
| 106 Benzo[b]fluoranthene | 252 | 12.157 | 12.151 | 0.006 | 98 | 1341994 | 16.0 | 18.1 | |
| 107 Benzo[k]fluoranthene | 252 | 12.193 | 12.187 | 0.006 | 99 | 1331390 | 16.0 | 17.2 | |
| 108 Benzo[a]pyrene | 252 | 12.581 | 12.575 | 0.006 | 97 | 1179024 | 16.0 | 18.6 | |
| * 109 Perylene-d12 | 264 | 12.657 | 12.651 | 0.006 | 99 | 493302 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.122 | 14.116 | 0.006 | 99 | 1238679 | 16.0 | 20.2 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.163 | 14.157 | 0.006 | 98 | 1200721 | 16.0 | 19.7 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.498 | 14.486 | 0.012 | 98 | 1157614 | 16.0 | 19.2 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 34.2 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

## Reagents:

SV_BNAL8_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 23-Jun-2025 06:19:59 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58882.d

Injection Date: 21-Jun-2025 11:06:54 Instrument ID: CBNAMS14 Operator ID:

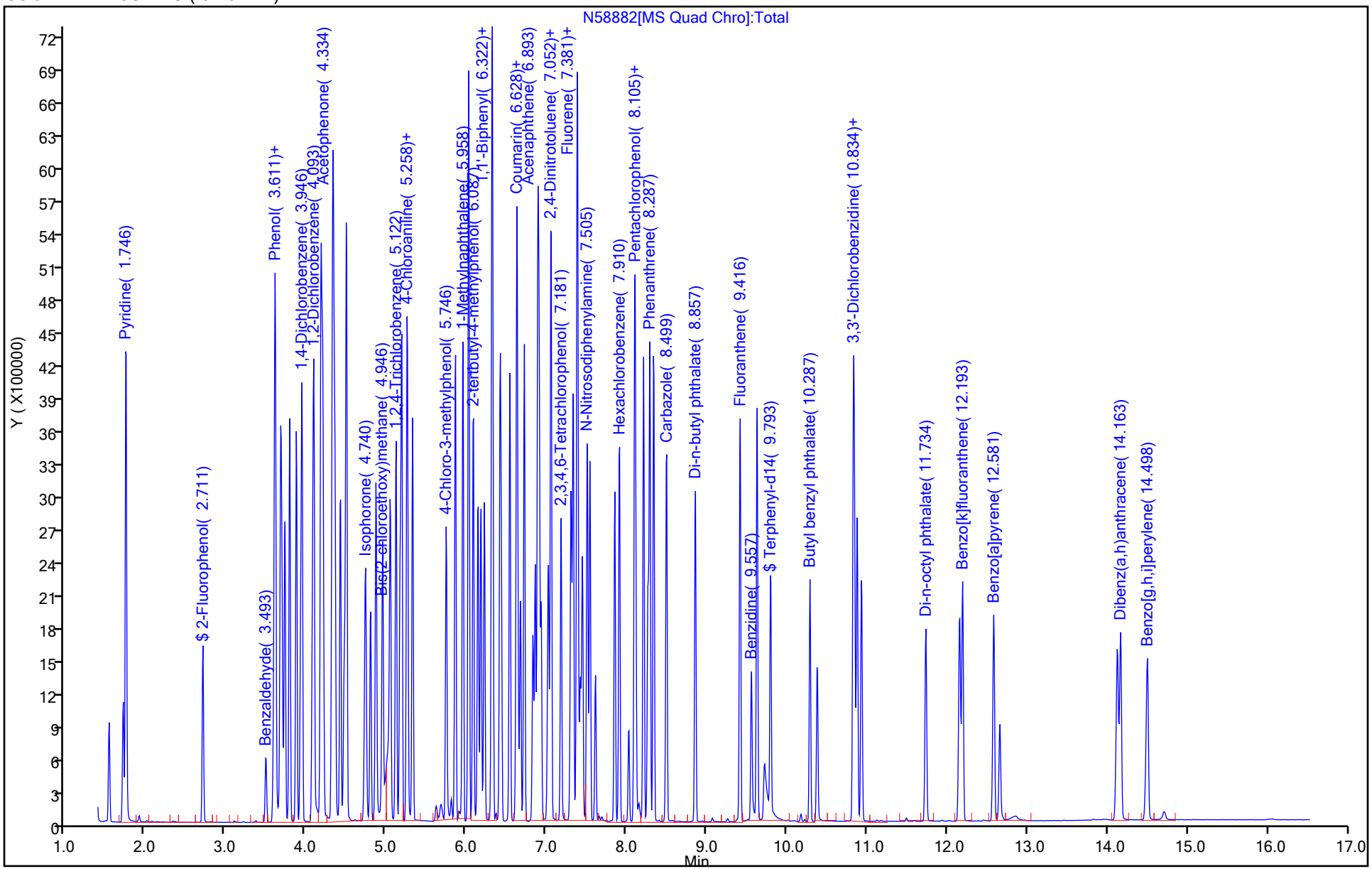
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

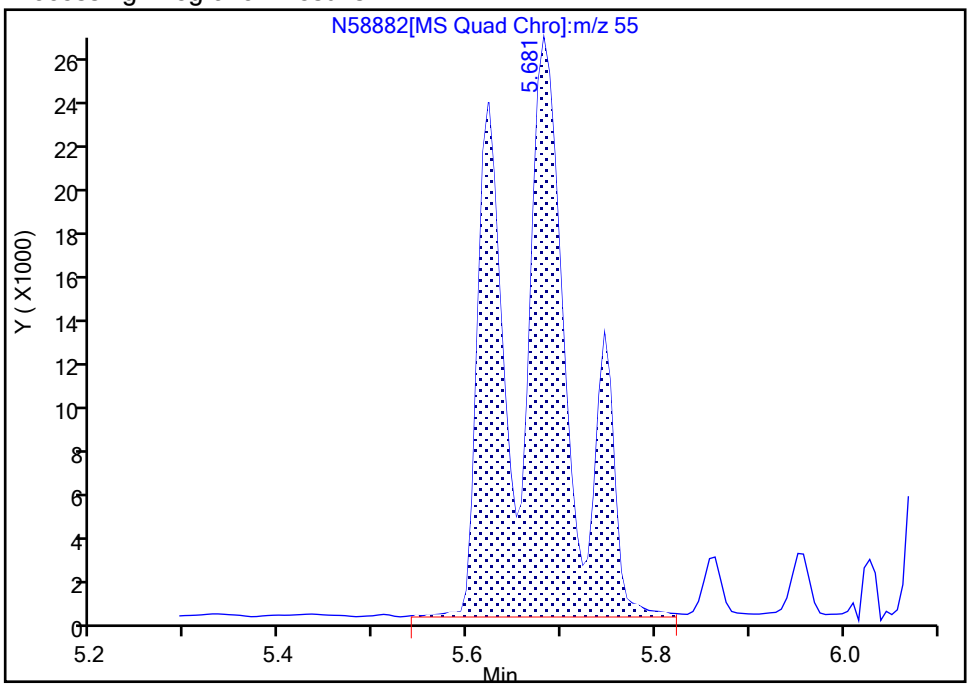
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58882.d
Injection Date: 21-Jun-2025 11:06:54 Instrument ID: CBNAMS14
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

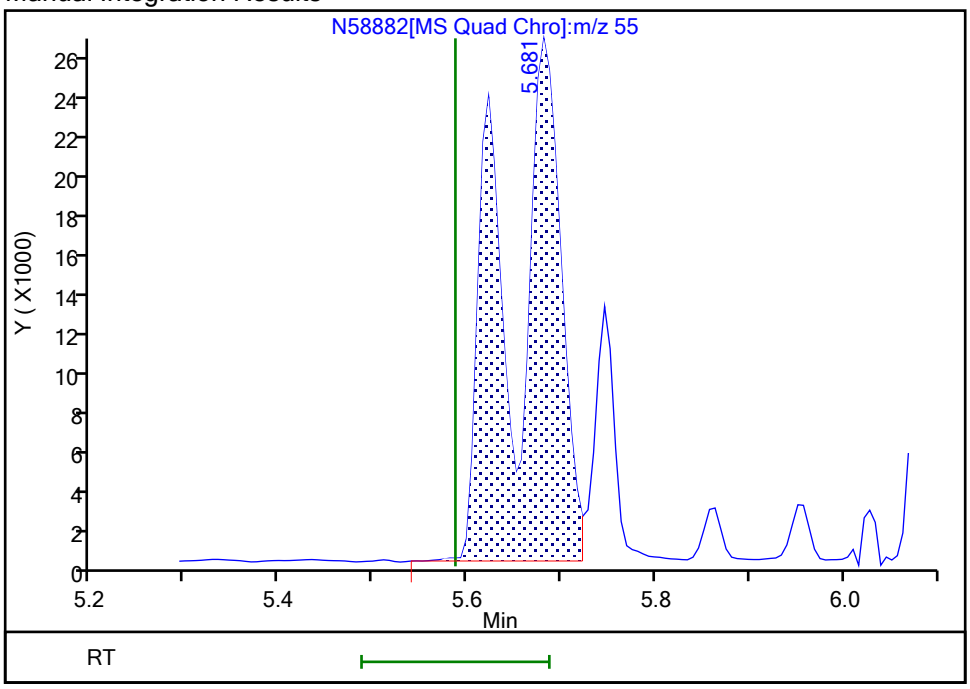
Processing Integration Results

RT: 5.68
Area: 118591
Amount: 6.327492
Amount Units: ug/ml




Manual Integration Results

RT: 5.68
Area: 100403
Amount: 5.511107
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:55:13 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58883.d
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 21-Jun-2025 11:29:12 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-005
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:20:02 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 04:56:39

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.546 | 1.546 | 0.000 | 93 | 111047 | 4.00 | 3.81 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.717 | 1.717 | 0.000 | 92 | 168809 | 4.00 | 3.99 | |
| | 3 Pyridine | 79 | 1.752 | 1.752 | 0.000 | 95 | 575069 | 8.00 | 8.50 | |
| $ | 4 2-Fluorophenol | 112 | 2.711 | 2.711 | 0.000 | 96 | 705639 | 10.0 | 9.98 | |
| | 5 Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 96 | 166138 | 3.20 | 3.12 | |
| $ | 6 Phenol-d5 | 99 | 3.587 | 3.587 | 0.000 | 95 | 841801 | 10.0 | 9.87 | |
| | 7 Phenol | 94 | 3.599 | 3.599 | 0.000 | 93 | 345618 | 4.00 | 3.96 | |
| | 8 Aniline | 93 | 3.605 | 3.605 | 0.000 | 94 | 396997 | 4.00 | 4.16 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.669 | 3.669 | 0.000 | 97 | 266428 | 4.00 | 3.99 | |
| | 10 Benzonitrile | 103 | 3.681 | 3.681 | 0.000 | 98 | 496655 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.722 | 3.722 | 0.000 | 97 | 272995 | 4.00 | 3.94 | |
| | 12 n-Decane | 43 | 3.787 | 3.787 | 0.000 | 89 | 255156 | 4.00 | 3.99 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.869 | 3.869 | 0.000 | 95 | 313602 | 4.00 | 3.91 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 97 | 415795 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.946 | 3.946 | 0.000 | 95 | 317098 | 4.00 | 3.71 | |
| | 16 Benzyl alcohol | 108 | 4.069 | 4.069 | 0.000 | 94 | 152921 | 4.00 | 4.22 | |
| | 17 1,2-Dichlorobenzene | 146 | 4.093 | 4.093 | 0.000 | 96 | 296400 | 4.00 | 3.87 | |
| | 18 2-Methylphenol | 108 | 4.187 | 4.187 | 0.000 | 88 | 241168 | 4.00 | 3.93 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.205 | 4.205 | 0.000 | 94 | 318937 | 4.00 | 3.99 | |
| | 20 N-Methylaniline | 106 | 4.316 | 4.316 | 0.000 | 98 | 400206 | 4.00 | 4.11 | |
| | 21 Acetophenone | 105 | 4.322 | 4.322 | 0.000 | 94 | 368865 | 4.00 | 3.96 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.328 | 4.328 | 0.000 | 87 | 178496 | 4.00 | 3.86 | |
| | 23 3 & 4 Methylphenol | 108 | 4.346 | 4.346 | 0.000 | 80 | 250925 | 4.00 | 3.97 | |
| | 24 4-Methylphenol | 108 | 4.346 | 4.346 | 0.000 | 89 | 250925 | 4.00 | 3.97 | |
| | 25 Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 94 | 126681 | 4.00 | 3.93 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.464 | 4.464 | 0.000 | 88 | 751828 | 10.0 | 9.98 | |
| | 28 Nitrobenzene | 123 | 4.487 | 4.487 | 0.000 | 95 | 131932 | 4.00 | 3.87 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.493 | 4.493 | 0.000 | 97 | 407257 | 4.00 | 3.99 | |
| | 30 Isophorone | 82 | 4.722 | 4.722 | 0.000 | 99 | 469249 | 4.00 | 3.95 | |
| | 32 2-Nitrophenol | 139 | 4.799 | 4.799 | 0.000 | 95 | 137970 | 4.00 | 4.05 | |
| | 33 2,4-Dimethylphenol | 122 | 4.864 | 4.864 | 0.000 | 91 | 226269 | 4.00 | 4.06 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.946 | 4.946 | 0.000 | 99 | 312050 | 4.00 | 4.02 | |
| 35 Benzoic acid | 122 | 4.952 | 4.952 | 0.000 | 88 | 105962 | 4.00 | 3.57 | |
| 36 2,4-Dichlorophenol | 162 | 5.040 | 5.040 | 0.000 | 96 | 217624 | 4.00 | 4.02 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.116 | 5.116 | 0.000 | 94 | 245792 | 4.00 | 3.89 | |
| * 38 Naphthalene-d8 | 136 | 5.163 | 5.163 | 0.000 | 99 | 1472623 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.187 | 5.187 | 0.000 | 99 | 764608 | 4.00 | 3.90 | |
| 40 4-Chloroaniline | 127 | 5.246 | 5.246 | 0.000 | 97 | 303527 | 4.00 | 4.26 | |
| 130 2,6-Dichlorophenol | 162 | 5.258 | 5.258 | 0.000 | 99 | 208226 | 4.00 | 3.95 | |
| 41 Hexachlorobutadiene | 225 | 5.322 | 5.322 | 0.000 | 95 | 146067 | 4.00 | 3.80 | |
| 42 Caprolactam | 55 | 5.569 | 5.569 | 0.000 | 95 | 63148 | 3.20 | 3.13 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.740 | 5.740 | 0.000 | 96 | 196862 | 4.00 | 3.94 | |
| 44 2-Methylnaphthalene | 142 | 5.858 | 5.858 | 0.000 | 84 | 436526 | 4.00 | 3.94 | |
| 45 1-Methylnaphthalene | 142 | 5.952 | 5.952 | 0.000 | 94 | 460203 | 4.00 | 4.02 | |
| 46 Hexachlorocyclopentadiene | 237 | 6.022 | 6.022 | 0.000 | 92 | 192667 | 4.00 | 4.06 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 6.022 | 6.022 | 0.000 | 96 | 244455 | 4.00 | 4.03 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.081 | 6.081 | 0.000 | 90 | 294563 | 4.00 | 3.90 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.140 | 6.140 | 0.000 | 90 | 151202 | 4.00 | 4.11 | |
| 50 2,4,5-Trichlorophenol | 196 | 6.175 | 6.175 | 0.000 | 97 | 159662 | 4.00 | 4.05 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.222 | 6.222 | 0.000 | 97 | 1388601 | 10.0 | 9.95 | |
| 52 1,1'-Biphenyl | 154 | 6.310 | 6.310 | 0.000 | 96 | 567812 | 4.00 | 4.04 | |
| 53 2-Chloronaphthalene | 162 | 6.322 | 6.322 | 0.000 | 99 | 444567 | 4.00 | 4.03 | |
| 54 Phenyl ether | 170 | 6.416 | 6.416 | 0.000 | 87 | 293975 | 4.00 | 3.88 | |
| 55 2-Nitroaniline | 65 | 6.422 | 6.422 | 0.000 | 98 | 140691 | 4.00 | 4.04 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.534 | 6.534 | 0.000 | 91 | 304462 | 4.00 | 3.97 | |
| 60 Coumarin | 146 | 6.616 | 6.616 | 0.000 | 78 | 146431 | 4.00 | 3.83 | |
| 59 Dimethyl phthalate | 163 | 6.616 | 6.616 | 0.000 | 97 | 450257 | 4.00 | 4.01 | |
| 61 2,6-Dinitrotoluene | 165 | 6.663 | 6.663 | 0.000 | 97 | 101342 | 4.00 | 4.16 | |
| 62 Acenaphthylene | 152 | 6.716 | 6.716 | 0.000 | 97 | 691479 | 4.00 | 4.06 | |
| 63 3-Nitroaniline | 138 | 6.816 | 6.816 | 0.000 | 98 | 104265 | 4.00 | 4.08 | |
| * 64 Acenaphthene-d10 | 164 | 6.852 | 6.852 | 0.000 | 96 | 711057 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.881 | 6.881 | 0.000 | 95 | 397561 | 4.00 | 3.93 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.899 | 6.899 | 0.000 | 97 | 379851 | 4.00 | 3.96 | |
| 67 2,4-Dinitrophenol | 184 | 6.916 | 6.916 | 0.000 | 97 | 79746 | 8.00 | 7.64 | |
| 68 4-Nitrophenol | 65 | 7.005 | 7.005 | 0.000 | 90 | 123402 | 8.00 | 7.99 | |
| 69 2,4-Dinitrotoluene | 165 | 7.046 | 7.046 | 0.000 | 95 | 128116 | 4.00 | 4.41 | |
| 70 Dibenzofuran | 168 | 7.046 | 7.046 | 0.000 | 96 | 589251 | 4.00 | 4.00 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 7.175 | 7.175 | 0.000 | 94 | 117567 | 4.00 | 4.16 | |
| 73 Diethyl phthalate | 149 | 7.293 | 7.293 | 0.000 | 98 | 446749 | 4.00 | 4.05 | |
| 75 Fluorene | 166 | 7.375 | 7.375 | 0.000 | 95 | 465500 | 4.00 | 4.01 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.381 | 7.381 | 0.000 | 91 | 222989 | 4.00 | 3.94 | |
| 76 4-Nitroaniline | 138 | 7.399 | 7.399 | 0.000 | 92 | 96655 | 4.00 | 4.24 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.434 | 7.434 | 0.000 | 86 | 117211 | 8.00 | 7.82 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.499 | 7.499 | 0.000 | 96 | 314007 | 4.00 | 4.06 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.534 | 7.534 | 0.000 | 94 | 465155 | 4.00 | 4.08 | |
| 131 Azobenzene | 77 | 7.534 | 7.534 | 0.000 | 0 | 465155 | 4.00 | 4.03 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.605 | 7.605 | 0.000 | 90 | 290695 | 10.0 | 9.89 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.846 | 7.846 | 0.000 | 92 | 140588 | 4.00 | 4.01 | |
| 82 Hexachlorobenzene | 284 | 7.905 | 7.905 | 0.000 | 95 | 178932 | 4.00 | 4.02 | |
| 83 Atrazine | 200 | 8.022 | 8.022 | 0.000 | 94 | 84796 | 3.20 | 3.40 | |
| 84 Pentachlorophenol | 266 | 8.093 | 8.093 | 0.000 | 94 | 188253 | 8.00 | 8.33 | |
| 85 Pentachloronitrobenzene | 237 | 8.105 | 8.105 | 0.000 | 91 | 44359 | 4.00 | 4.14 | |
| 86 n-Octadecane | 57 | 8.205 | 8.205 | 0.000 | 91 | 277971 | 4.00 | 4.09 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.257 | 8.257 | 0.000 | 99 | 1114545 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.281 | 8.281 | 0.000 | 98 | 581105 | 4.00 | 3.98 | |
| 89 Anthracene | 178 | 8.328 | 8.328 | 0.000 | 98 | 587642 | 4.00 | 4.01 | |
| 90 Carbazole | 167 | 8.487 | 8.487 | 0.000 | 96 | 489245 | 4.00 | 4.02 | |
| 91 Di-n-butyl phthalate | 149 | 8.852 | 8.852 | 0.000 | 99 | 558091 | 4.00 | 4.09 | |
| 92 Fluoranthene | 202 | 9.410 | 9.410 | 0.000 | 98 | 509430 | 4.00 | 4.02 | |
| 93 Benzidine | 184 | 9.552 | 9.552 | 0.000 | 99 | 190203 | 4.00 | 4.45 | |
| 94 Pyrene | 202 | 9.622 | 9.622 | 0.000 | 97 | 518258 | 4.00 | 3.94 | |
| 95 Bisphenol-A | 213 | 9.734 | 9.734 | 0.000 | 98 | 165525 | 4.00 | 3.84 | a |
| $ 96 Terphenyl-d14 | 244 | 9.793 | 9.793 | 0.000 | 98 | 1095051 | 10.0 | 9.55 | |
| 97 Butyl benzyl phthalate | 149 | 10.281 | 10.281 | 0.000 | 97 | 174150 | 4.00 | 4.00 | |
| 99 Carbamazepine | 193 | 10.369 | 10.369 | 0.000 | 92 | 119469 | 4.00 | 3.91 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.822 | 10.822 | 0.000 | 99 | 144596 | 4.00 | 3.89 | |
| 101 Benzo[a]anthracene | 228 | 10.834 | 10.834 | 0.000 | 99 | 404805 | 4.00 | 3.99 | |
| * 102 Chrysene-d12 | 240 | 10.846 | 10.846 | 0.000 | 99 | 610566 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.869 | 10.869 | 0.000 | 98 | 373451 | 4.00 | 3.91 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.928 | 10.928 | 0.000 | 86 | 241062 | 4.00 | 4.17 | |
| 105 Di-n-octyl phthalate | 149 | 11.734 | 11.734 | 0.000 | 96 | 334343 | 4.00 | 3.81 | |
| 106 Benzo[b]fluoranthene | 252 | 12.145 | 12.145 | 0.000 | 98 | 326256 | 4.00 | 3.89 | |
| 107 Benzo[k]fluoranthene | 252 | 12.181 | 12.181 | 0.000 | 99 | 368571 | 4.00 | 4.21 | |
| 108 Benzo[a]pyrene | 252 | 12.575 | 12.575 | 0.000 | 97 | 297550 | 4.00 | 4.16 | |
| * 109 Perylene-d12 | 264 | 12.657 | 12.657 | 0.000 | 99 | 557983 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.110 | 14.110 | 0.000 | 99 | 296135 | 4.00 | 4.27 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.151 | 14.151 | 0.000 | 99 | 295119 | 4.00 | 4.28 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.481 | 14.481 | 0.000 | 98 | 284536 | 4.00 | 4.18 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 7.90 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL6_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 23-Jun-2025 06:20:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58883.d

Injection Date: 21-Jun-2025 11:29:12 Instrument ID: CBNAMS14 Operator ID:

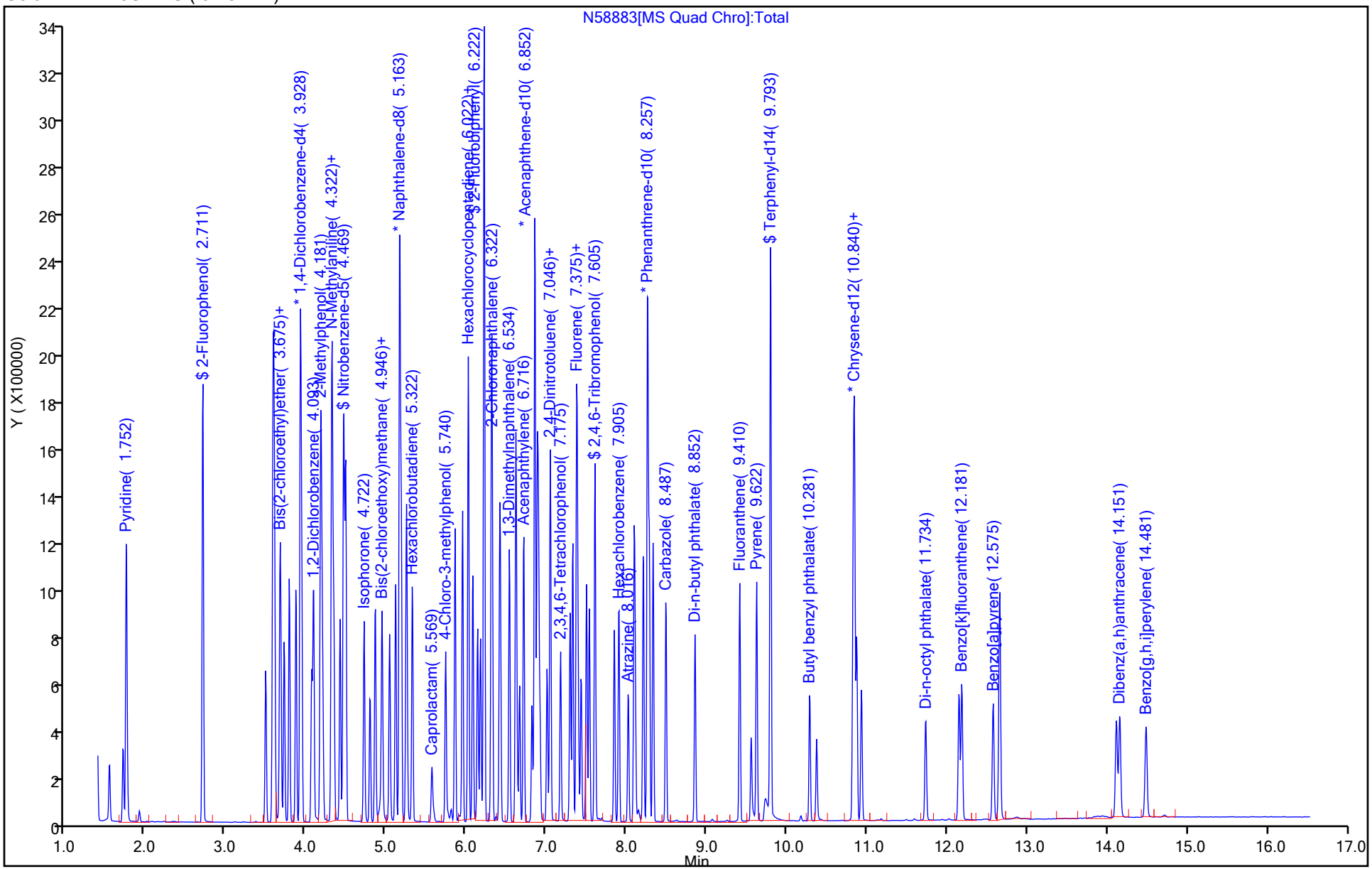
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

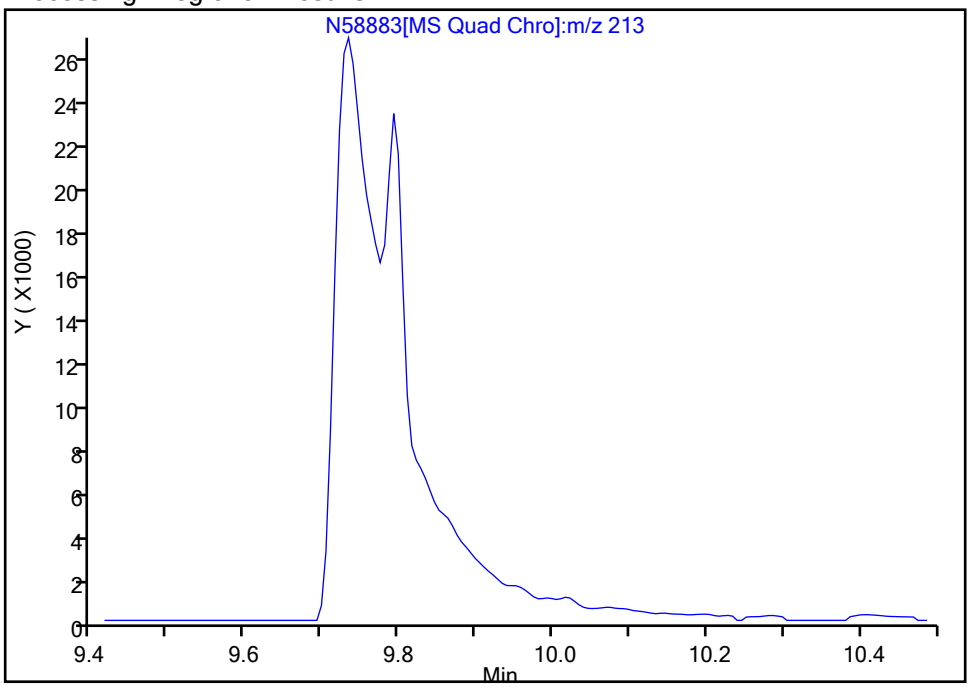
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58883.d
Injection Date: 21-Jun-2025 11:29:12 Instrument ID: CBNAMS14
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 95 Bisphenol-A, CAS: 80-05-7

Signal: 1

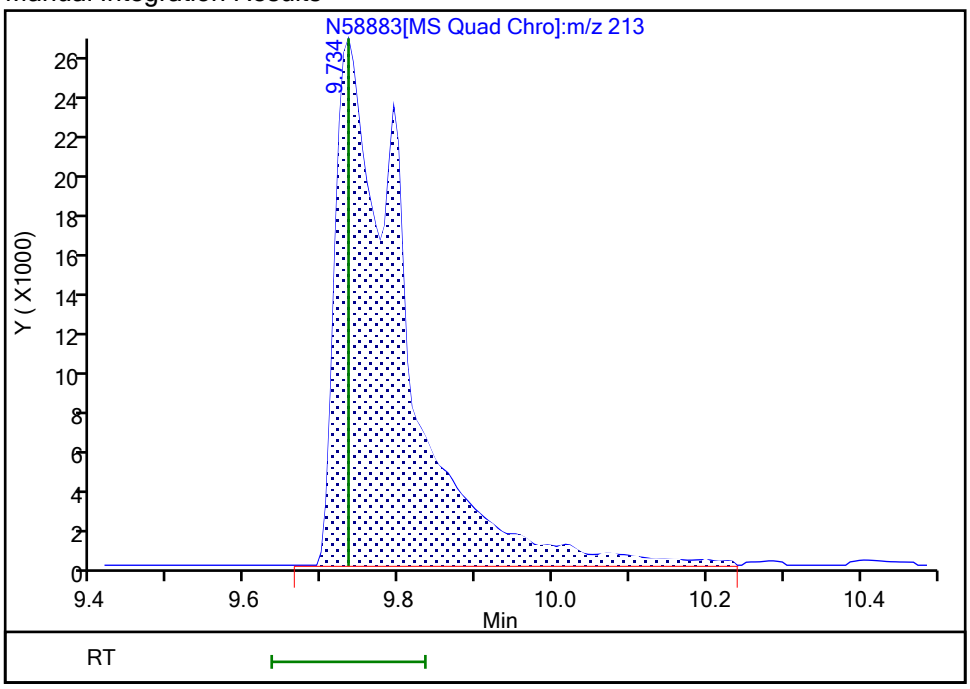
Not Detected
Expected RT: 9.73

Processing Integration Results




Manual Integration Results

RT: 9.73
Area: 165525
Amount: 3.836871
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:56:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58884.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jun-2025 11:51:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-006
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:20:07 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 04:57:25

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.552 | 1.546 | 0.006 | 93 | 58540 | 2.00 | 1.87 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.722 | 1.717 | 0.005 | 91 | 88738 | 2.00 | 1.97 | |
| | 3 Pyridine | 79 | 1.764 | 1.752 | 0.012 | 94 | 308627 | 4.00 | 4.28 | |
| $ | 4 2-Fluorophenol | 112 | 2.711 | 2.711 | 0.000 | 96 | 768075 | 10.0 | 10.2 | |
| | 5 Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 96 | 116356 | 2.00 | 2.05 | |
| $ | 6 Phenol-d5 | 99 | 3.587 | 3.587 | 0.000 | 95 | 942205 | 10.0 | 10.4 | |
| | 7 Phenol | 94 | 3.599 | 3.599 | 0.000 | 93 | 183392 | 2.00 | 1.97 | |
| | 8 Aniline | 93 | 3.605 | 3.605 | 0.000 | 94 | 209342 | 2.00 | 2.06 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.669 | 3.669 | 0.000 | 98 | 139558 | 2.00 | 1.96 | |
| | 10 Benzonitrile | 103 | 3.681 | 3.681 | 0.000 | 99 | 268245 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.722 | 3.722 | 0.000 | 97 | 145465 | 2.00 | 1.97 | |
| | 12 n-Decane | 43 | 3.787 | 3.787 | 0.000 | 89 | 133702 | 2.00 | 1.96 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.869 | 3.869 | 0.000 | 95 | 165857 | 2.00 | 1.94 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 96 | 442914 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.940 | 3.946 | -0.006 | 95 | 167932 | 2.00 | 1.84 | |
| | 16 Benzyl alcohol | 108 | 4.063 | 4.069 | -0.006 | 94 | 79010 | 2.00 | 2.05 | |
| | 17 1,2-Dichlorobenzene | 146 | 4.093 | 4.093 | 0.000 | 96 | 158134 | 2.00 | 1.94 | |
| | 18 2-Methylphenol | 108 | 4.187 | 4.187 | 0.000 | 89 | 130380 | 2.00 | 2.00 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.205 | 4.205 | 0.000 | 96 | 169453 | 2.00 | 1.99 | |
| | 20 N-Methylaniline | 106 | 4.316 | 4.316 | 0.000 | 98 | 220320 | 2.00 | 2.13 | |
| | 21 Acetophenone | 105 | 4.322 | 4.322 | 0.000 | 91 | 200630 | 2.00 | 2.02 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.328 | 4.328 | 0.000 | 87 | 97024 | 2.00 | 1.97 | |
| | 23 3 & 4 Methylphenol | 108 | 4.340 | 4.346 | -0.006 | 80 | 135218 | 2.00 | 2.01 | |
| | 24 4-Methylphenol | 108 | 4.340 | 4.346 | -0.006 | 91 | 135218 | 2.00 | 2.01 | |
| | 25 Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 94 | 67766 | 2.00 | 1.97 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.463 | 4.464 | -0.001 | 88 | 835014 | 10.0 | 10.3 | |
| | 28 Nitrobenzene | 123 | 4.481 | 4.487 | -0.006 | 95 | 71286 | 2.00 | 1.96 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.493 | 4.493 | 0.000 | 97 | 222169 | 2.00 | 2.04 | |
| | 30 Isophorone | 82 | 4.722 | 4.722 | 0.000 | 99 | 253873 | 2.00 | 1.99 | |
| | 32 2-Nitrophenol | 139 | 4.793 | 4.799 | -0.006 | 92 | 70160 | 2.00 | 1.92 | |
| | 33 2,4-Dimethylphenol | 122 | 4.858 | 4.864 | -0.006 | 91 | 119971 | 2.00 | 2.01 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.946 | 4.946 | 0.000 | 99 | 165795 | 2.00 | 1.99 | |
| 35 Benzoic acid | 122 | 4.934 | 4.952 | -0.018 | 89 | 48310 | 2.00 | 1.92 | |
| 36 2,4-Dichlorophenol | 162 | 5.040 | 5.040 | 0.000 | 96 | 116466 | 2.00 | 2.01 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.116 | 5.116 | 0.000 | 94 | 130661 | 2.00 | 1.93 | |
| * 38 Naphthalene-d8 | 136 | 5.163 | 5.163 | 0.000 | 99 | 1578664 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.187 | 5.187 | 0.000 | 99 | 423608 | 2.00 | 2.02 | |
| 40 4-Chloroaniline | 127 | 5.246 | 5.246 | 0.000 | 97 | 167451 | 2.00 | 2.19 | |
| 130 2,6-Dichlorophenol | 162 | 5.252 | 5.258 | -0.006 | 99 | 114826 | 2.00 | 2.03 | |
| 41 Hexachlorobutadiene | 225 | 5.322 | 5.322 | 0.000 | 96 | 80021 | 2.00 | 1.94 | |
| 42 Caprolactam | 55 | 5.558 | 5.569 | -0.011 | 94 | 41950 | 2.00 | 1.94 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.740 | 5.740 | 0.000 | 96 | 109379 | 2.00 | 2.04 | |
| 44 2-Methylnaphthalene | 142 | 5.857 | 5.858 | -0.001 | 84 | 240158 | 2.00 | 2.02 | |
| 45 1-Methylnaphthalene | 142 | 5.952 | 5.952 | 0.000 | 92 | 248106 | 2.00 | 2.02 | |
| 46 Hexachlorocyclopentadiene | 237 | 6.022 | 6.022 | 0.000 | 87 | 101974 | 2.00 | 1.95 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 6.022 | 6.022 | 0.000 | 96 | 133049 | 2.00 | 1.99 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.081 | 6.081 | 0.000 | 91 | 167651 | 2.00 | 2.07 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.140 | 6.140 | 0.000 | 89 | 82097 | 2.00 | 2.03 | |
| 50 2,4,5-Trichlorophenol | 196 | 6.175 | 6.175 | 0.000 | 97 | 86565 | 2.00 | 1.99 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.222 | 6.222 | 0.000 | 97 | 1581070 | 10.0 | 10.3 | |
| 52 1,1'-Biphenyl | 154 | 6.310 | 6.310 | 0.000 | 97 | 311612 | 2.00 | 2.01 | |
| 53 2-Chloronaphthalene | 162 | 6.322 | 6.322 | 0.000 | 99 | 244765 | 2.00 | 2.01 | |
| 54 Phenyl ether | 170 | 6.416 | 6.416 | 0.000 | 88 | 167084 | 2.00 | 2.00 | |
| 55 2-Nitroaniline | 65 | 6.422 | 6.422 | 0.000 | 97 | 78295 | 2.00 | 2.04 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.534 | 6.534 | 0.000 | 91 | 174679 | 2.00 | 2.07 | |
| 60 Coumarin | 146 | 6.616 | 6.616 | 0.000 | 71 | 84492 | 2.00 | 2.06 | |
| 59 Dimethyl phthalate | 163 | 6.616 | 6.616 | 0.000 | 97 | 252213 | 2.00 | 2.04 | |
| 61 2,6-Dinitrotoluene | 165 | 6.663 | 6.663 | 0.000 | 97 | 54840 | 2.00 | 2.05 | |
| 62 Acenaphthylene | 152 | 6.710 | 6.716 | -0.006 | 98 | 383128 | 2.00 | 2.04 | |
| 63 3-Nitroaniline | 138 | 6.816 | 6.816 | 0.000 | 97 | 56530 | 2.00 | 2.01 | |
| * 64 Acenaphthene-d10 | 164 | 6.852 | 6.852 | 0.000 | 96 | 783274 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.881 | 6.881 | 0.000 | 96 | 222516 | 2.00 | 2.00 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.899 | 6.899 | 0.000 | 97 | 210496 | 2.00 | 1.99 | |
| 67 2,4-Dinitrophenol | 184 | 6.916 | 6.916 | 0.000 | 91 | 37288 | 4.00 | 3.49 | |
| 68 4-Nitrophenol | 65 | 7.004 | 7.005 | -0.001 | 90 | 65685 | 4.00 | 3.86 | |
| 69 2,4-Dinitrotoluene | 165 | 7.040 | 7.046 | -0.006 | 94 | 68999 | 2.00 | 2.16 | |
| 70 Dibenzofuran | 168 | 7.046 | 7.046 | 0.000 | 96 | 326099 | 2.00 | 2.01 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 7.175 | 7.175 | 0.000 | 93 | 62475 | 2.00 | 2.01 | |
| 73 Diethyl phthalate | 149 | 7.293 | 7.293 | 0.000 | 98 | 244265 | 2.00 | 2.01 | |
| 75 Fluorene | 166 | 7.375 | 7.375 | 0.000 | 95 | 260859 | 2.00 | 2.04 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.387 | 7.381 | 0.006 | 91 | 125065 | 2.00 | 2.01 | |
| 76 4-Nitroaniline | 138 | 7.393 | 7.399 | -0.006 | 89 | 52657 | 2.00 | 2.10 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.428 | 7.434 | -0.006 | 87 | 57843 | 4.00 | 3.62 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.499 | 7.499 | 0.000 | 96 | 173126 | 2.00 | 1.96 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.534 | 7.534 | 0.000 | 95 | 256216 | 2.00 | 1.97 | |
| 131 Azobenzene | 77 | 7.534 | 7.534 | 0.000 | 0 | 256587 | 2.00 | 1.95 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.604 | 7.605 | -0.001 | 91 | 343465 | 10.0 | 10.6 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.846 | 7.846 | 0.000 | 93 | 77760 | 2.00 | 1.94 | |
| 82 Hexachlorobenzene | 284 | 7.899 | 7.905 | -0.006 | 95 | 99504 | 2.00 | 1.96 | |
| 83 Atrazine | 200 | 8.016 | 8.022 | -0.006 | 94 | 59438 | 2.00 | 2.09 | |
| 84 Pentachlorophenol | 266 | 8.093 | 8.093 | 0.000 | 95 | 96696 | 4.00 | 3.75 | |
| 85 Pentachloronitrobenzene | 237 | 8.104 | 8.105 | -0.001 | 90 | 24217 | 2.00 | 1.98 | |
| 86 n-Octadecane | 57 | 8.204 | 8.205 | 0.000 | 91 | 152639 | 2.00 | 1.96 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.257 | 8.257 | 0.000 | 99 | 1273237 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.281 | 8.281 | 0.000 | 97 | 331207 | 2.00 | 1.99 | |
| 89 Anthracene | 178 | 8.328 | 8.328 | 0.000 | 98 | 336109 | 2.00 | 2.01 | |
| 90 Carbazole | 167 | 8.487 | 8.487 | 0.000 | 96 | 272245 | 2.00 | 1.96 | |
| 91 Di-n-butyl phthalate | 149 | 8.851 | 8.852 | -0.001 | 99 | 309490 | 2.00 | 1.99 | |
| 92 Fluoranthene | 202 | 9.410 | 9.410 | 0.000 | 97 | 282860 | 2.00 | 1.96 | |
| 93 Benzidine | 184 | 9.551 | 9.552 | -0.001 | 99 | 102152 | 2.00 | 2.17 | |
| 94 Pyrene | 202 | 9.622 | 9.622 | 0.000 | 97 | 285929 | 2.00 | 2.01 | |
| 95 Bisphenol-A | 213 | 9.793 | 9.734 | 0.059 | 98 | 90709 | 2.00 | 1.95 | a |
| $ 96 Terphenyl-d14 | 244 | 9.793 | 9.793 | 0.000 | 98 | 1308721 | 10.0 | 10.6 | |
| 97 Butyl benzyl phthalate | 149 | 10.281 | 10.281 | 0.000 | 98 | 90297 | 2.00 | 1.92 | |
| 99 Carbamazepine | 193 | 10.369 | 10.369 | 0.000 | 93 | 57833 | 2.00 | 1.87 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.822 | 10.822 | 0.000 | 99 | 77364 | 2.00 | 1.95 | |
| 101 Benzo[a]anthracene | 228 | 10.828 | 10.834 | -0.006 | 99 | 214605 | 2.00 | 1.95 | |
| * 102 Chrysene-d12 | 240 | 10.840 | 10.846 | -0.006 | 99 | 659321 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.869 | 10.869 | 0.000 | 98 | 208598 | 2.00 | 2.02 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.928 | 10.928 | 0.000 | 86 | 123625 | 2.00 | 1.98 | |
| 105 Di-n-octyl phthalate | 149 | 11.728 | 11.734 | -0.006 | 96 | 163887 | 2.00 | 1.87 | |
| 106 Benzo[b]fluoranthene | 252 | 12.145 | 12.145 | 0.000 | 98 | 177911 | 2.00 | 2.07 | |
| 107 Benzo[k]fluoranthene | 252 | 12.181 | 12.181 | 0.000 | 99 | 174454 | 2.00 | 1.95 | |
| 108 Benzo[a]pyrene | 252 | 12.569 | 12.575 | -0.006 | 97 | 147601 | 2.00 | 2.02 | |
| * 109 Perylene-d12 | 264 | 12.651 | 12.657 | -0.006 | 99 | 570974 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.110 | 14.110 | 0.000 | 98 | 140403 | 2.00 | 1.98 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.151 | 14.151 | 0.000 | 98 | 139788 | 2.00 | 1.98 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.475 | 14.481 | -0.006 | 98 | 137182 | 2.00 | 1.97 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 4.00 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL5_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 23-Jun-2025 06:20:08 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58884.d

Injection Date: 21-Jun-2025 11:51:30 Instrument ID: CBNAMS14 Operator ID:

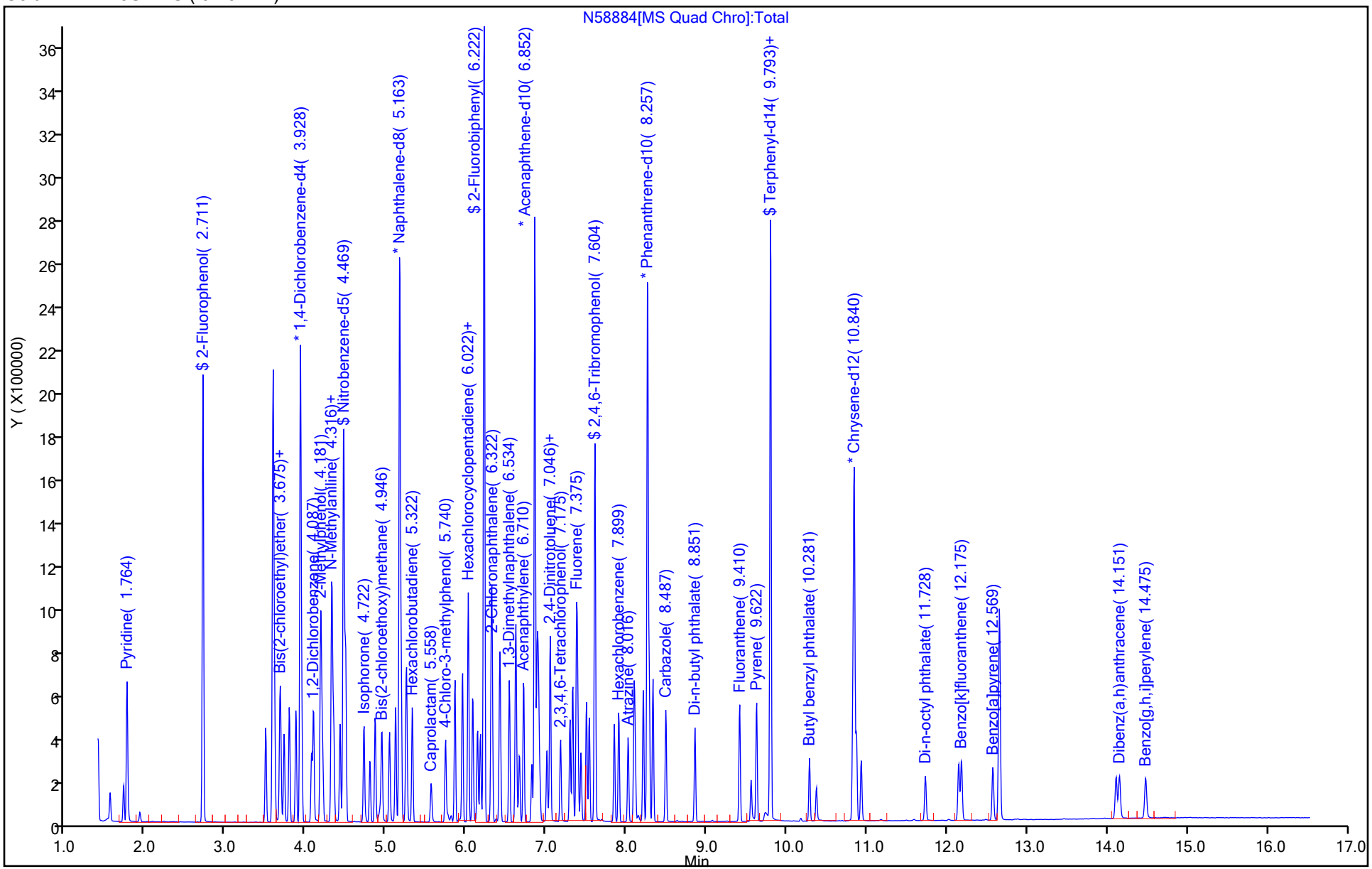
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

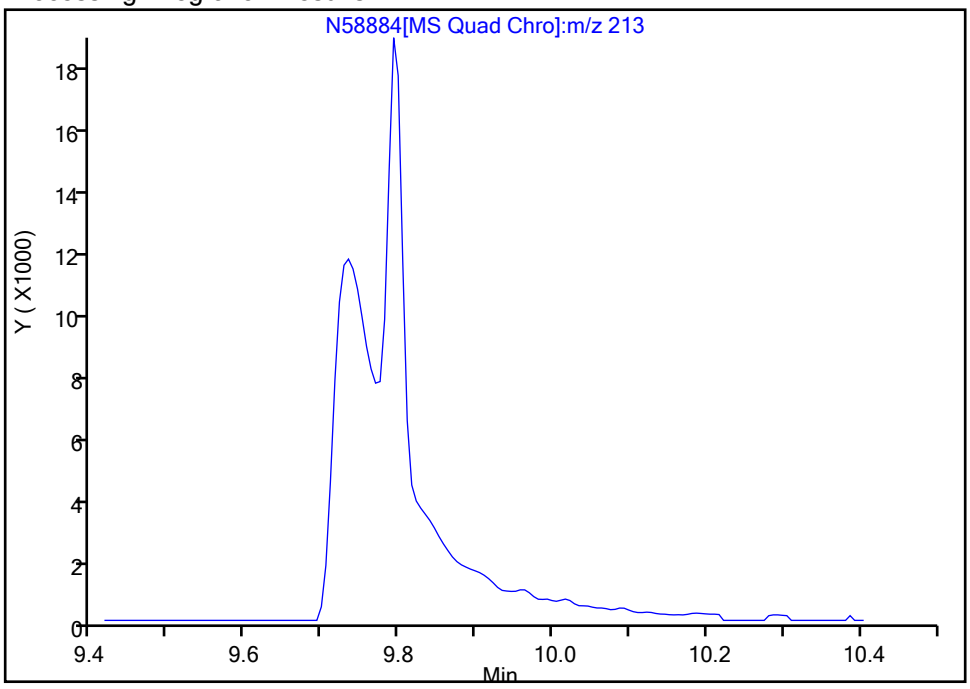
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58884.d
Injection Date: 21-Jun-2025 11:51:30 Instrument ID: CBNAMS14
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 95 Bisphenol-A, CAS: 80-05-7

Signal: 1

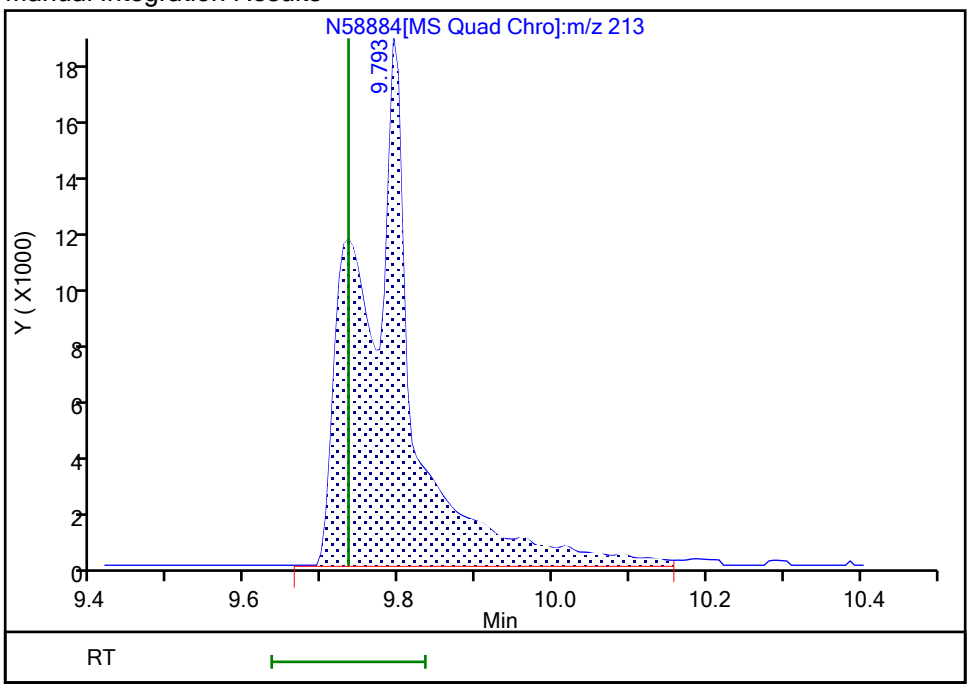
Not Detected
Expected RT: 9.73

Processing Integration Results




Manual Integration Results

RT: 9.79
Area: 90709
Amount: 1.947151
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:57:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58885.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jun-2025 12:14:02 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-007
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:20:11 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 04:58:16

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.534 | 1.546 | -0.012 | 93 | 26940 | 1.00 | 0.9682 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.705 | 1.717 | -0.012 | 90 | 39222 | 1.00 | 0.9859 | |
| | 3 Pyridine | 79 | 1.752 | 1.752 | 0.000 | 94 | 134093 | 2.00 | 2.11 | |
| $ | 4 2-Fluorophenol | 112 | 2.705 | 2.711 | -0.006 | 96 | 686296 | 10.0 | 10.3 | |
| | 5 Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 96 | 50293 | 1.00 | 1.00 | |
| $ | 6 Phenol-d5 | 99 | 3.581 | 3.587 | -0.006 | 96 | 846033 | 10.0 | 10.5 | |
| | 7 Phenol | 94 | 3.593 | 3.599 | -0.006 | 91 | 82260 | 1.00 | 1.00 | |
| | 8 Aniline | 93 | 3.605 | 3.605 | 0.000 | 89 | 96203 | 1.00 | 1.07 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.669 | 3.669 | 0.000 | 98 | 61934 | 1.00 | 0.9867 | |
| | 10 Benzonitrile | 103 | 3.675 | 3.681 | -0.006 | 98 | 118539 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.722 | 3.722 | 0.000 | 96 | 63161 | 1.00 | 0.9697 | |
| | 12 n-Decane | 43 | 3.787 | 3.787 | 0.000 | 89 | 59608 | 1.00 | 0.99 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.869 | 3.869 | 0.000 | 95 | 73995 | 1.00 | 0.9800 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 96 | 391217 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.940 | 3.946 | -0.006 | 94 | 76757 | 1.00 | 0.9532 | |
| | 16 Benzyl alcohol | 108 | 4.063 | 4.069 | -0.006 | 93 | 33364 | 1.00 | 0.9794 | |
| | 17 1,2-Dichlorobenzene | 146 | 4.093 | 4.093 | 0.000 | 96 | 70308 | 1.00 | 0.9767 | |
| | 18 2-Methylphenol | 108 | 4.187 | 4.187 | 0.000 | 87 | 56138 | 1.00 | 0.9728 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.199 | 4.205 | -0.006 | 94 | 76033 | 1.00 | 1.01 | |
| | 20 N-Methylaniline | 106 | 4.310 | 4.316 | -0.006 | 93 | 95117 | 1.00 | 1.04 | |
| | 21 Acetophenone | 105 | 4.316 | 4.322 | -0.006 | 93 | 90586 | 1.00 | 1.03 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.328 | 4.328 | 0.000 | 89 | 43375 | 1.00 | 1.00 | |
| | 23 3 & 4 Methylphenol | 108 | 4.340 | 4.346 | -0.006 | 74 | 58841 | 1.00 | 0.9893 | |
| | 24 4-Methylphenol | 108 | 4.340 | 4.346 | -0.006 | 96 | 58841 | 1.00 | 0.9893 | |
| | 25 Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 95 | 30512 | 1.00 | 1.01 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.463 | 4.464 | -0.001 | 88 | 750922 | 10.0 | 10.2 | |
| | 28 Nitrobenzene | 123 | 4.481 | 4.487 | -0.006 | 96 | 31162 | 1.00 | 0.9720 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.493 | 4.493 | 0.000 | 96 | 96874 | 1.00 | 1.01 | |
| | 30 Isophorone | 82 | 4.716 | 4.722 | -0.006 | 99 | 113180 | 1.00 | 0.9711 | |
| | 32 2-Nitrophenol | 139 | 4.793 | 4.799 | -0.006 | 92 | 31401 | 1.00 | 0.9410 | |
| | 33 2,4-Dimethylphenol | 122 | 4.857 | 4.864 | -0.007 | 91 | 54040 | 1.00 | 0.9897 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.946 | 4.946 | 0.000 | 99 | 74255 | 1.00 | 0.9766 | |
| 35 Benzoic acid | 122 | 4.916 | 4.952 | -0.036 | 86 | 14822 | 1.00 | 1.11 | |
| 36 2,4-Dichlorophenol | 162 | 5.040 | 5.040 | 0.000 | 96 | 51241 | 1.00 | 0.9665 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.116 | 5.116 | 0.000 | 94 | 60504 | 1.00 | 0.9773 | |
| * 38 Naphthalene-d8 | 136 | 5.163 | 5.163 | 0.000 | 99 | 1443275 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.187 | 5.187 | 0.000 | 99 | 190830 | 1.00 | 0.99 | |
| 40 4-Chloroaniline | 127 | 5.246 | 5.246 | 0.000 | 97 | 74808 | 1.00 | 1.07 | |
| 130 2,6-Dichlorophenol | 162 | 5.252 | 5.258 | -0.006 | 94 | 50661 | 1.00 | 0.9795 | |
| 41 Hexachlorobutadiene | 225 | 5.322 | 5.322 | 0.000 | 95 | 36405 | 1.00 | 0.9658 | |
| 42 Caprolactam | 55 | 5.552 | 5.569 | -0.017 | 94 | 18196 | 1.00 | 0.9189 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.740 | 5.740 | 0.000 | 96 | 48302 | 1.00 | 0.9857 | |
| 44 2-Methylnaphthalene | 142 | 5.857 | 5.858 | -0.001 | 84 | 108546 | 1.00 | 1.00 | |
| 45 1-Methylnaphthalene | 142 | 5.952 | 5.952 | 0.000 | 92 | 113471 | 1.00 | 1.01 | |
| 46 Hexachlorocyclopentadiene | 237 | 6.022 | 6.022 | 0.000 | 85 | 44190 | 1.00 | 0.9072 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 6.022 | 6.022 | 0.000 | 95 | 59111 | 1.00 | 0.9483 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.075 | 6.081 | -0.006 | 90 | 69790 | 1.00 | 0.9418 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.140 | 6.140 | 0.000 | 90 | 37002 | 1.00 | 0.9805 | |
| 50 2,4,5-Trichlorophenol | 196 | 6.175 | 6.175 | 0.000 | 96 | 37517 | 1.00 | 0.9269 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.222 | 6.222 | 0.000 | 97 | 1460457 | 10.0 | 10.2 | |
| 52 1,1'-Biphenyl | 154 | 6.310 | 6.310 | 0.000 | 96 | 145393 | 1.00 | 1.01 | |
| 53 2-Chloronaphthalene | 162 | 6.322 | 6.322 | 0.000 | 99 | 112503 | 1.00 | 0.99 | |
| 54 Phenyl ether | 170 | 6.416 | 6.416 | 0.000 | 88 | 74536 | 1.00 | 0.9580 | |
| 55 2-Nitroaniline | 65 | 6.422 | 6.422 | 0.000 | 97 | 35163 | 1.00 | 0.9845 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.534 | 6.534 | 0.000 | 91 | 77042 | 1.00 | 0.9795 | |
| 60 Coumarin | 146 | 6.610 | 6.616 | -0.006 | 72 | 38253 | 1.00 | 1.02 | |
| 59 Dimethyl phthalate | 163 | 6.610 | 6.616 | -0.006 | 98 | 116168 | 1.00 | 1.01 | |
| 61 2,6-Dinitrotoluene | 165 | 6.657 | 6.663 | -0.006 | 96 | 24818 | 1.00 | 0.99 | |
| 62 Acenaphthylene | 152 | 6.710 | 6.716 | -0.006 | 97 | 174586 | 1.00 | 1.00 | |
| 63 3-Nitroaniline | 138 | 6.816 | 6.816 | 0.000 | 96 | 25519 | 1.00 | 0.9737 | |
| * 64 Acenaphthene-d10 | 164 | 6.851 | 6.852 | -0.001 | 96 | 729848 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.881 | 6.881 | 0.000 | 96 | 106420 | 1.00 | 1.03 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.899 | 6.899 | 0.000 | 97 | 94094 | 1.00 | 0.9554 | |
| 67 2,4-Dinitrophenol | 184 | 6.916 | 6.916 | 0.000 | 92 | 12356 | 2.00 | 1.44 | |
| 68 4-Nitrophenol | 65 | 7.004 | 7.005 | -0.001 | 90 | 28270 | 2.00 | 1.78 | |
| 69 2,4-Dinitrotoluene | 165 | 7.040 | 7.046 | -0.006 | 93 | 30539 | 1.00 | 1.03 | |
| 70 Dibenzofuran | 168 | 7.046 | 7.046 | 0.000 | 99 | 153278 | 1.00 | 1.01 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 7.175 | 7.175 | 0.000 | 93 | 27947 | 1.00 | 0.9627 | |
| 73 Diethyl phthalate | 149 | 7.293 | 7.293 | 0.000 | 98 | 113957 | 1.00 | 1.01 | |
| 75 Fluorene | 166 | 7.369 | 7.375 | -0.006 | 96 | 120194 | 1.00 | 1.01 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.381 | 7.381 | 0.000 | 87 | 58162 | 1.00 | 1.00 | |
| 76 4-Nitroaniline | 138 | 7.393 | 7.399 | -0.006 | 92 | 23451 | 1.00 | 1.00 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.428 | 7.434 | -0.006 | 84 | 22699 | 2.00 | 1.71 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.498 | 7.499 | -0.001 | 96 | 83739 | 1.00 | 1.00 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.534 | 7.534 | 0.000 | 95 | 125562 | 1.00 | 1.02 | |
| 131 Azobenzene | 77 | 7.534 | 7.534 | 0.000 | 0 | 126312 | 1.00 | 1.01 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.604 | 7.605 | -0.001 | 91 | 319220 | 10.0 | 10.6 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.846 | 7.846 | 0.000 | 92 | 36337 | 1.00 | 0.9609 | |
| 82 Hexachlorobenzene | 284 | 7.898 | 7.905 | -0.007 | 95 | 47196 | 1.00 | 0.9818 | |
| 83 Atrazine | 200 | 8.016 | 8.022 | -0.006 | 93 | 26612 | 1.00 | 0.9883 | |
| 84 Pentachlorophenol | 266 | 8.093 | 8.093 | 0.000 | 94 | 44155 | 2.00 | 1.81 | |
| 85 Pentachloronitrobenzene | 237 | 8.104 | 8.105 | -0.001 | 90 | 11043 | 1.00 | 0.9562 | |
| 86 n-Octadecane | 57 | 8.204 | 8.205 | 0.000 | 91 | 71931 | 1.00 | 0.9797 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.257 | 8.257 | 0.000 | 99 | 1202641 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.281 | 8.281 | 0.000 | 98 | 160981 | 1.00 | 1.02 | |
| 89 Anthracene | 178 | 8.328 | 8.328 | 0.000 | 98 | 159641 | 1.00 | 1.01 | |
| 90 Carbazole | 167 | 8.487 | 8.487 | 0.000 | 96 | 135829 | 1.00 | 1.04 | |
| 91 Di-n-butyl phthalate | 149 | 8.851 | 8.852 | -0.001 | 99 | 144026 | 1.00 | 0.9791 | |
| 92 Fluoranthene | 202 | 9.410 | 9.410 | 0.000 | 97 | 135744 | 1.00 | 0.99 | |
| 93 Benzidine | 184 | 9.551 | 9.552 | -0.001 | 99 | 48278 | 1.00 | 1.12 | |
| 94 Pyrene | 202 | 9.622 | 9.622 | 0.000 | 97 | 140569 | 1.00 | 1.01 | |
| 95 Bisphenol-A | 213 | 9.792 | 9.734 | 0.058 | 97 | 40934 | 1.00 | 0.8986 | |
| $ 96 Terphenyl-d14 | 244 | 9.798 | 9.793 | 0.005 | 98 | 1273942 | 10.0 | 10.5 | |
| 97 Butyl benzyl phthalate | 149 | 10.281 | 10.281 | 0.000 | 97 | 43210 | 1.00 | 0.9401 | |
| 99 Carbamazepine | 193 | 10.369 | 10.369 | 0.000 | 92 | 22940 | 1.00 | 0.8436 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.822 | 10.822 | 0.000 | 99 | 34748 | 1.00 | 0.9095 | |
| 101 Benzo[a]anthracene | 228 | 10.834 | 10.834 | 0.000 | 99 | 108273 | 1.00 | 1.00 | |
| * 102 Chrysene-d12 | 240 | 10.840 | 10.846 | -0.006 | 99 | 644679 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.869 | 10.869 | 0.000 | 98 | 100923 | 1.00 | 1.00 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.934 | 10.928 | 0.006 | 86 | 55814 | 1.00 | 0.9135 | |
| 105 Di-n-octyl phthalate | 149 | 11.734 | 11.734 | 0.000 | 97 | 70055 | 1.00 | 0.8681 | |
| 106 Benzo[b]fluoranthene | 252 | 12.145 | 12.145 | 0.000 | 98 | 80608 | 1.00 | 0.9584 | |
| 107 Benzo[k]fluoranthene | 252 | 12.181 | 12.181 | 0.000 | 99 | 89391 | 1.00 | 1.02 | |
| 108 Benzo[a]pyrene | 252 | 12.575 | 12.575 | 0.000 | 97 | 71227 | 1.00 | 0.99 | |
| * 109 Perylene-d12 | 264 | 12.657 | 12.657 | 0.000 | 99 | 560061 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.110 | 14.110 | 0.000 | 99 | 65839 | 1.00 | 0.9456 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.151 | 14.151 | 0.000 | 98 | 65708 | 1.00 | 0.9489 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.480 | 14.481 | -0.001 | 98 | 64628 | 1.00 | 0.9465 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 1.96 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

## Reagents:

SV_BNAL4_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 23-Jun-2025 06:20:12 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58885.d

Injection Date: 21-Jun-2025 12:14:02 Instrument ID: CBNAMS14 Operator ID:

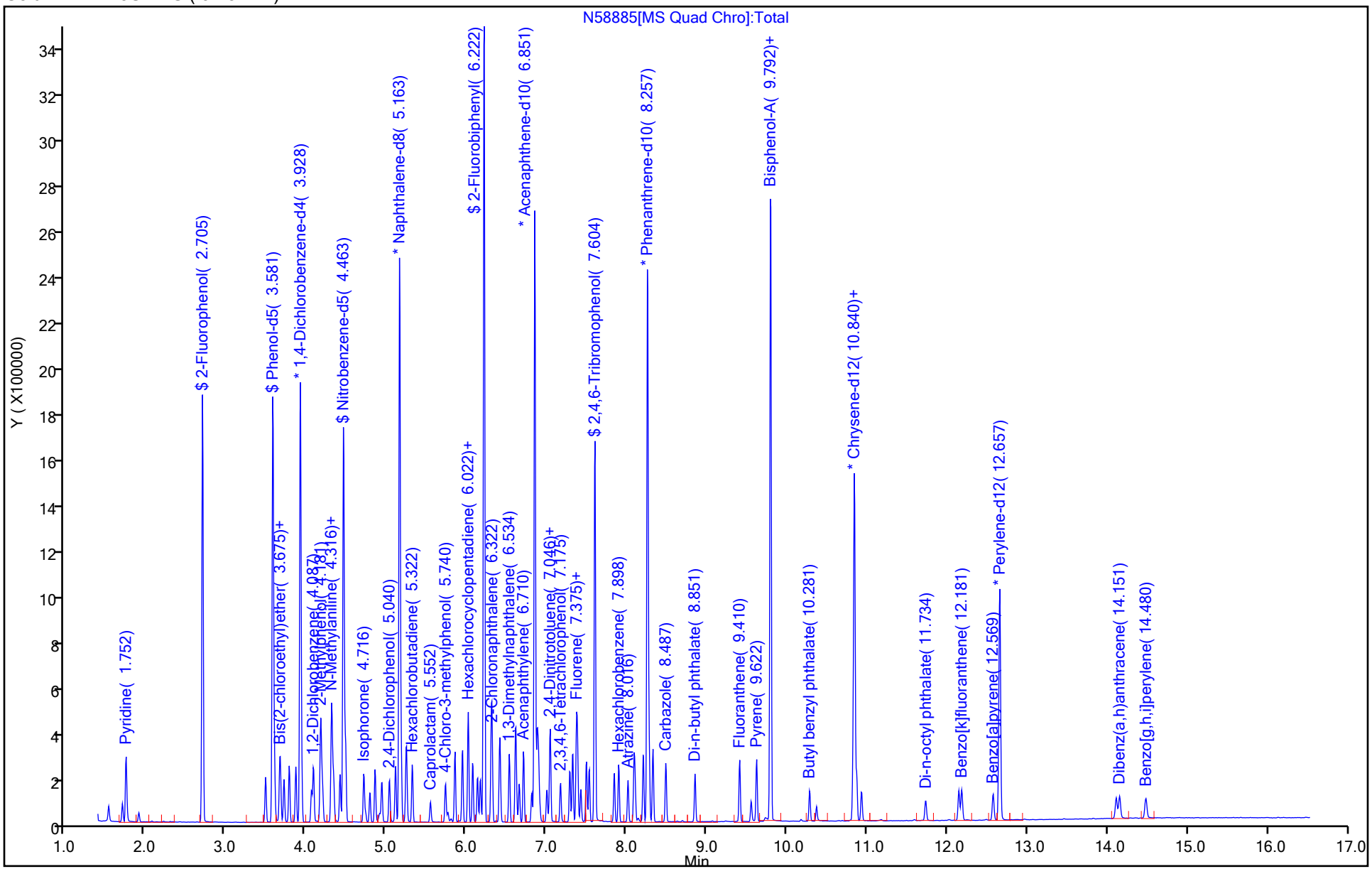
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58886.d
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 21-Jun-2025 12:36:34 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-008
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:20:15 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 04:58:47

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.705 | 2.711 | -0.006 | 96 | 662286 | 10.0 | 10.2 | |
| 5 Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 95 | 19048 | 0.4000 | 0.3908 | |
| $ 6 Phenol-d5 | 99 | 3.581 | 3.587 | -0.006 | 96 | 811484 | 10.0 | 10.4 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 96 | 380635 | 8.00 | 8.00 | |
| $ 27 Nitrobenzene-d5 | 82 | 4.463 | 4.464 | -0.001 | 88 | 726713 | 10.0 | 10.3 | |
| * 38 Naphthalene-d8 | 136 | 5.163 | 5.163 | 0.000 | 99 | 1376861 | 8.00 | 8.00 | |
| 42 Caprolactam | 55 | 5.546 | 5.569 | -0.023 | 94 | 7409 | 0.4000 | 0.3922 | Ma |
| $ 51 2-Fluorobiphenyl | 172 | 6.222 | 6.222 | 0.000 | 97 | 1399617 | 10.0 | 10.0 | |
| * 64 Acenaphthene-d10 | 164 | 6.852 | 6.852 | 0.000 | 96 | 712682 | 8.00 | 8.00 | |
| 67 2,4-Dinitrophenol | 184 | 6.916 | 6.916 | 0.000 | 91 | 3619 | 0.8000 | 0.6272 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.604 | 7.605 | -0.001 | 91 | 307040 | 10.0 | 10.4 | |
| 83 Atrazine | 200 | 8.016 | 8.022 | -0.006 | 92 | 9434 | 0.4000 | 0.3603 | |
| * 87 Phenanthrene-d10 | 188 | 8.257 | 8.257 | 0.000 | 99 | 1169606 | 8.00 | 8.00 | |
| 93 Benzidine | 184 | 9.551 | 9.552 | -0.001 | 98 | 11735 | 0.4000 | 0.3000 | |
| $ 96 Terphenyl-d14 | 244 | 9.798 | 9.793 | 0.005 | 98 | 1194444 | 10.0 | 10.4 | |
| * 102 Chrysene-d12 | 240 | 10.840 | 10.846 | -0.006 | 99 | 609836 | 8.00 | 8.00 | |
| * 109 Perylene-d12 | 264 | 12.657 | 12.657 | 0.000 | 99 | 532152 | 8.00 | 8.00 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL3_LVI_00009 Amount Added: 1.00 Units: mL

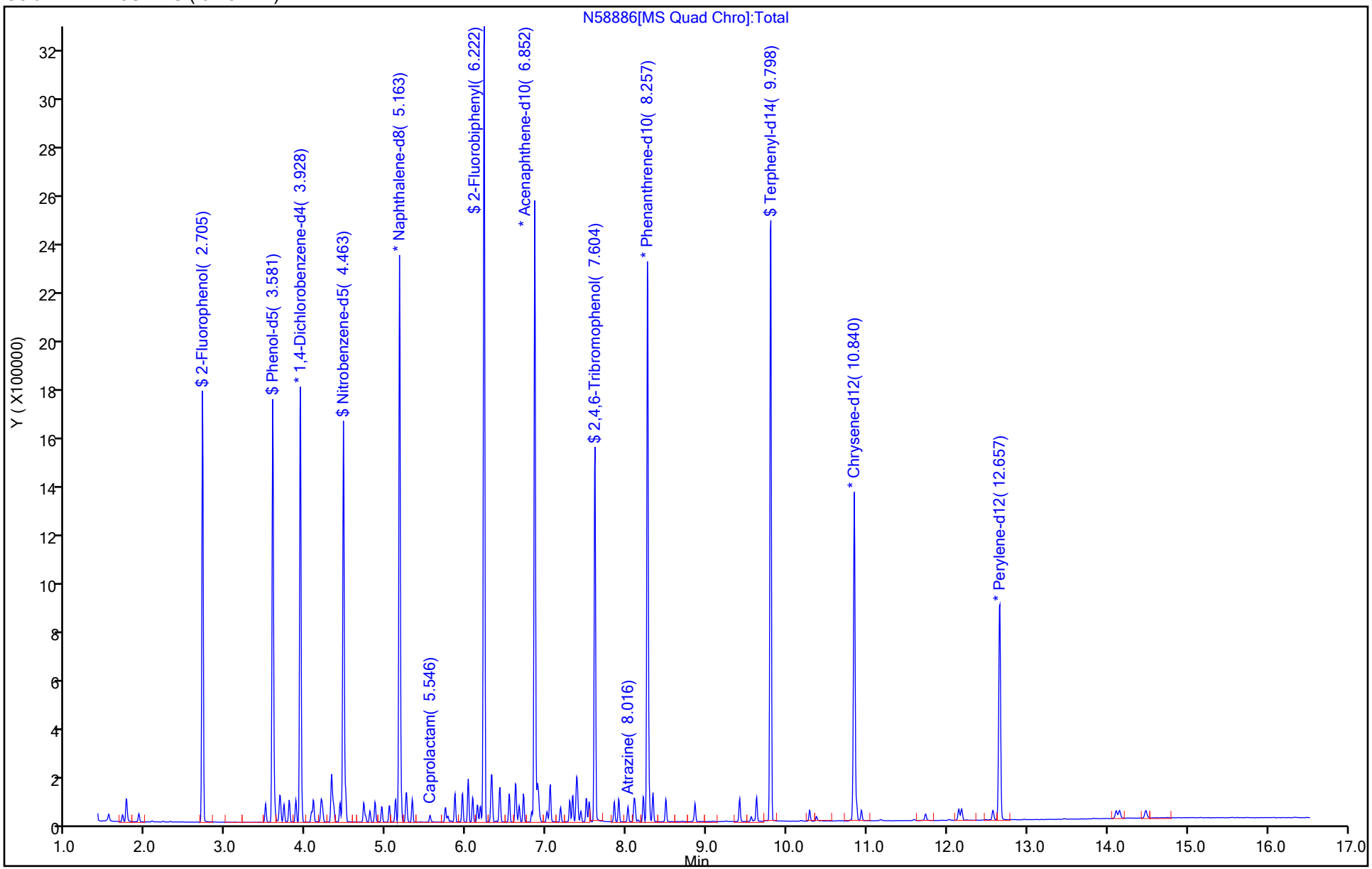
Report Date: 23-Jun-2025 06:20:16 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58886.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jun-2025 12:36:34 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | STD04 | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

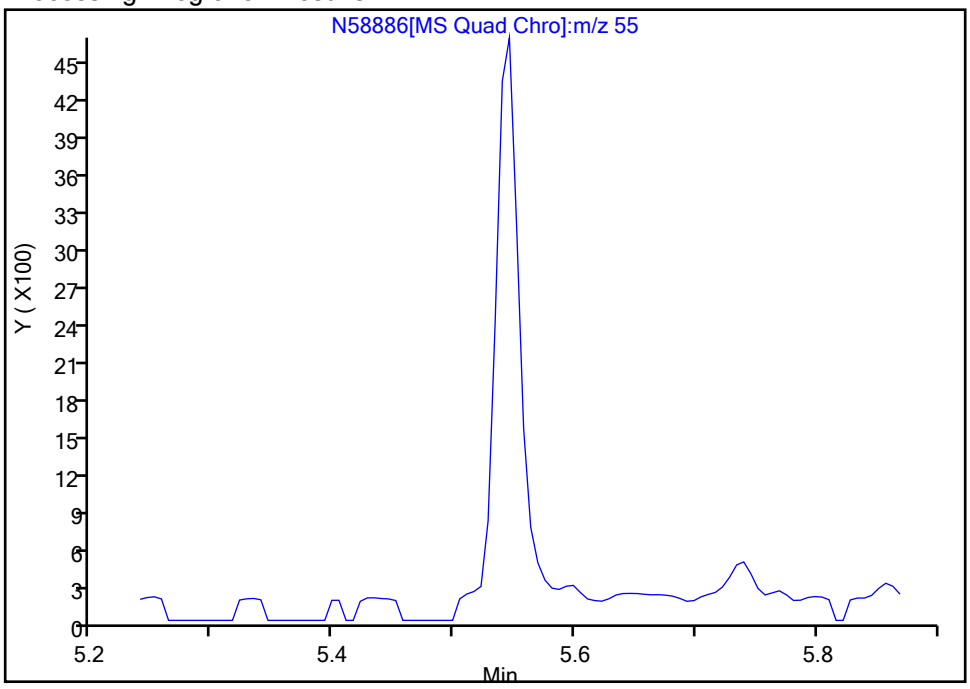
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58886.d
Injection Date: 21-Jun-2025 12:36:34 Instrument ID: CBNAMS14
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

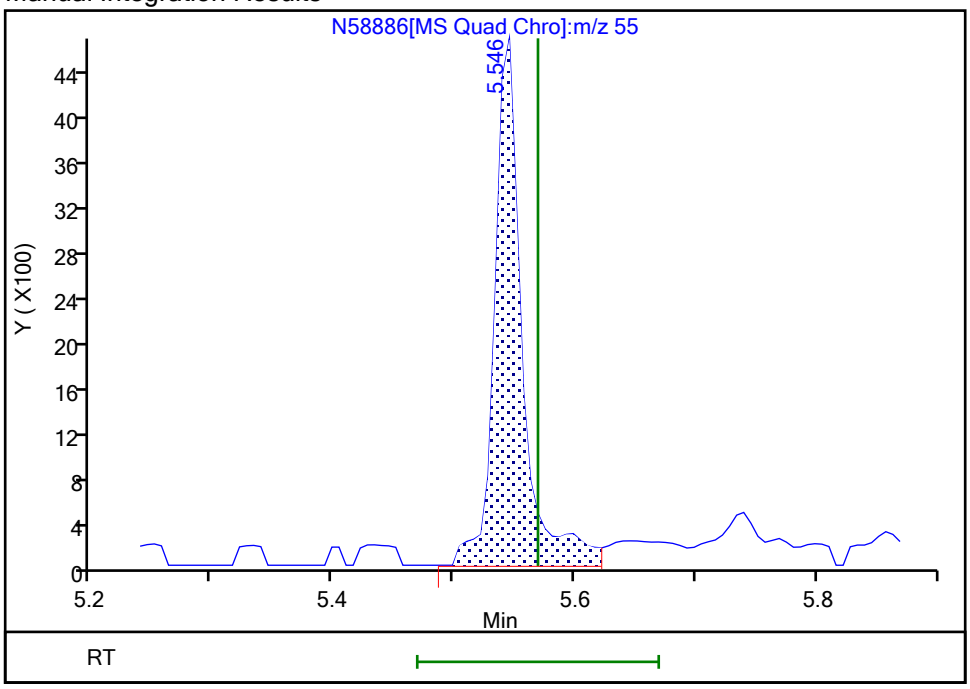
Not Detected
Expected RT: 5.57

Processing Integration Results




Manual Integration Results

RT: 5.55
Area: 7409
Amount: 0.392198
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:58:37 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58887.d
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Jun-2025 12:59:16 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-009
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:20:18 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 04:59:51

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.540 | 1.546 | -0.006 | 92 | 6365 | 0.2000 | 0.2213 | |
| 2 N-Nitrosodimethylamine | 74 | 1.717 | 1.717 | 0.000 | 91 | 7391 | 0.2000 | 0.1908 | |
| 3 Pyridine | 79 | 1.764 | 1.752 | 0.012 | 93 | 18930 | 0.4000 | 0.3054 | |
| $ 4 2-Fluorophenol | 112 | 2.705 | 2.711 | -0.006 | 96 | 656320 | 10.0 | 10.1 | |
| 5 Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 95 | 9928 | 0.2000 | 0.2036 | |
| $ 6 Phenol-d5 | 99 | 3.581 | 3.587 | -0.006 | 96 | 798162 | 10.0 | 10.2 | |
| 7 Phenol | 94 | 3.593 | 3.599 | -0.006 | 97 | 15700 | 0.2000 | 0.1964 | |
| 8 Aniline | 93 | 3.605 | 3.605 | 0.000 | 87 | 14707 | 0.2000 | 0.1684 | a |
| 9 Bis(2-chloroethyl)ether | 93 | 3.670 | 3.669 | 0.001 | 92 | 11060 | 0.2000 | 0.1810 | |
| 10 Benzonitrile | 103 | 3.675 | 3.681 | -0.006 | 99 | 22485 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.722 | 3.722 | 0.000 | 96 | 12487 | 0.2000 | 0.1969 | |
| 12 n-Decane | 43 | 3.787 | 3.787 | 0.000 | 90 | 12042 | 0.2000 | 0.2056 | |
| 13 1,3-Dichlorobenzene | 146 | 3.869 | 3.869 | 0.000 | 95 | 14382 | 0.2000 | 0.1956 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 97 | 380903 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 3.940 | 3.946 | -0.006 | 92 | 14801 | 0.2000 | 0.1888 | |
| 16 Benzyl alcohol | 108 | 4.069 | 4.069 | 0.000 | 93 | 4815 | 0.2000 | 0.1452 | |
| 17 1,2-Dichlorobenzene | 146 | 4.087 | 4.093 | -0.006 | 95 | 13748 | 0.2000 | 0.1962 | |
| 18 2-Methylphenol | 108 | 4.187 | 4.187 | 0.000 | 89 | 10666 | 0.2000 | 0.1898 | |
| 19 2,2'-oxybis[1-chloropropane] | 45 | 4.199 | 4.205 | -0.006 | 93 | 15278 | 0.2000 | 0.2085 | |
| 20 N-Methylaniline | 106 | 4.311 | 4.316 | -0.005 | 97 | 16293 | 0.2000 | 0.1828 | |
| 21 Acetophenone | 105 | 4.317 | 4.322 | -0.005 | 92 | 17076 | 0.2000 | 0.1999 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 4.322 | 4.328 | -0.006 | 90 | 8047 | 0.2000 | 0.1902 | |
| 23 3 & 4 Methylphenol | 108 | 4.340 | 4.346 | -0.006 | 72 | 10794 | 0.2000 | 0.1864 | |
| 24 4-Methylphenol | 108 | 4.340 | 4.346 | -0.006 | 94 | 10794 | 0.2000 | 0.1864 | |
| 25 Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 93 | 5715 | 0.2000 | 0.1935 | |
| $ 27 Nitrobenzene-d5 | 82 | 4.464 | 4.464 | 0.000 | 91 | 722847 | 10.0 | 10.1 | |
| 28 Nitrobenzene | 123 | 4.481 | 4.487 | -0.006 | 94 | 6183 | 0.2000 | 0.1981 | |
| 29 n,n'-Dimethylaniline | 120 | 4.493 | 4.493 | 0.000 | 90 | 17960 | 0.2000 | 0.1919 | |
| 30 Isophorone | 82 | 4.717 | 4.722 | -0.006 | 99 | 22075 | 0.2000 | 0.1949 | |
| 32 2-Nitrophenol | 139 | 4.793 | 4.799 | -0.006 | 92 | 5594 | 0.2000 | 0.1725 | |
| 33 2,4-Dimethylphenol | 122 | 4.858 | 4.864 | -0.006 | 89 | 9298 | 0.2000 | 0.1753 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.940 | 4.946 | -0.006 | 99 | 14570 | 0.2000 | 0.1972 | |
| 36 2,4-Dichlorophenol | 162 | 5.040 | 5.040 | 0.000 | 95 | 9073 | 0.2000 | 0.1761 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.116 | 5.116 | 0.000 | 93 | 11712 | 0.2000 | 0.1947 | |
| * 38 Naphthalene-d8 | 136 | 5.164 | 5.163 | 0.001 | 99 | 1402350 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.181 | 5.187 | -0.006 | 99 | 37237 | 0.2000 | 0.1994 | |
| 40 4-Chloroaniline | 127 | 5.246 | 5.246 | 0.000 | 97 | 12276 | 0.2000 | 0.1810 | |
| 130 2,6-Dichlorophenol | 162 | 5.252 | 5.258 | -0.006 | 97 | 9401 | 0.2000 | 0.1871 | |
| 41 Hexachlorobutadiene | 225 | 5.322 | 5.322 | 0.000 | 95 | 7050 | 0.2000 | 0.1925 | |
| 42 Caprolactam | 55 | 5.546 | 5.569 | -0.023 | 91 | 4287 | 0.2000 | 0.2228 | Ma |
| 43 4-Chloro-3-methylphenol | 107 | 5.740 | 5.740 | 0.000 | 96 | 8791 | 0.2000 | 0.1846 | |
| 44 2-Methylnaphthalene | 142 | 5.858 | 5.858 | 0.000 | 83 | 21024 | 0.2000 | 0.1992 | |
| 45 1-Methylnaphthalene | 142 | 5.952 | 5.952 | 0.000 | 91 | 21738 | 0.2000 | 0.1992 | |
| 46 Hexachlorocyclopentadiene | 237 | 6.022 | 6.022 | 0.000 | 92 | 7951 | 0.2000 | 0.1629 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 6.022 | 6.022 | 0.000 | 93 | 10956 | 0.2000 | 0.1754 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.075 | 6.081 | -0.006 | 90 | 13420 | 0.2000 | 0.1864 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.140 | 6.140 | 0.000 | 87 | 6665 | 0.2000 | 0.1762 | |
| 50 2,4,5-Trichlorophenol | 196 | 6.175 | 6.175 | 0.000 | 95 | 7290 | 0.2000 | 0.1797 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.216 | 6.222 | -0.006 | 97 | 1452450 | 10.0 | 10.1 | |
| 52 1,1'-Biphenyl | 154 | 6.311 | 6.310 | 0.001 | 97 | 28682 | 0.2000 | 0.1985 | |
| 53 2-Chloronaphthalene | 162 | 6.316 | 6.322 | -0.006 | 98 | 22480 | 0.2000 | 0.1980 | |
| 54 Phenyl ether | 170 | 6.411 | 6.416 | -0.005 | 88 | 15489 | 0.2000 | 0.1986 | |
| 55 2-Nitroaniline | 65 | 6.422 | 6.422 | 0.000 | 94 | 6434 | 0.2000 | 0.1797 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.534 | 6.534 | 0.000 | 92 | 15477 | 0.2000 | 0.1963 | |
| 60 Coumarin | 146 | 6.611 | 6.616 | -0.005 | 71 | 7526 | 0.2000 | 0.2066 | |
| 59 Dimethyl phthalate | 163 | 6.611 | 6.616 | -0.005 | 97 | 23276 | 0.2000 | 0.2013 | |
| 61 2,6-Dinitrotoluene | 165 | 6.658 | 6.663 | -0.005 | 95 | 4431 | 0.2000 | 0.1769 | |
| 62 Acenaphthylene | 152 | 6.711 | 6.716 | -0.005 | 97 | 34271 | 0.2000 | 0.1956 | |
| 63 3-Nitroaniline | 138 | 6.816 | 6.816 | 0.000 | 95 | 4544 | 0.2000 | 0.1730 | |
| * 64 Acenaphthene-d10 | 164 | 6.852 | 6.852 | 0.000 | 96 | 731504 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.881 | 6.881 | 0.000 | 94 | 22200 | 0.2000 | 0.2135 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.899 | 6.899 | 0.000 | 97 | 17544 | 0.2000 | 0.1777 | |
| 67 2,4-Dinitrophenol | 184 | 6.916 | 6.916 | 0.000 | 85 | 1587 | 0.4000 | 0.4269 | |
| 68 4-Nitrophenol | 65 | 7.005 | 7.005 | 0.000 | 89 | 5551 | 0.4000 | 0.3493 | |
| 69 2,4-Dinitrotoluene | 165 | 7.040 | 7.046 | -0.006 | 88 | 4820 | 0.2000 | 0.1615 | a |
| 70 Dibenzofuran | 168 | 7.046 | 7.046 | 0.000 | 95 | 30543 | 0.2000 | 0.2016 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 7.175 | 7.175 | 0.000 | 91 | 4774 | 0.2000 | 0.1641 | |
| 73 Diethyl phthalate | 149 | 7.287 | 7.293 | -0.006 | 98 | 23131 | 0.2000 | 0.2038 | |
| 75 Fluorene | 166 | 7.369 | 7.375 | -0.006 | 94 | 24027 | 0.2000 | 0.2014 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.381 | 7.381 | 0.000 | 92 | 11749 | 0.2000 | 0.2017 | |
| 76 4-Nitroaniline | 138 | 7.393 | 7.399 | -0.006 | 90 | 3806 | 0.2000 | 0.1622 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.428 | 7.434 | -0.006 | 81 | 2801 | 0.4000 | 0.4948 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.499 | 7.499 | 0.000 | 96 | 15993 | 0.2000 | 0.1832 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.534 | 7.534 | 0.000 | 95 | 24909 | 0.2000 | 0.1936 | |
| 131 Azobenzene | 77 | 7.534 | 7.534 | 0.000 | 0 | 24909 | 0.2000 | 0.1913 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.605 | 7.605 | 0.000 | 91 | 314841 | 10.0 | 10.4 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.846 | 7.846 | 0.000 | 90 | 7194 | 0.2000 | 0.1819 | |
| 82 Hexachlorobenzene | 284 | 7.899 | 7.905 | -0.006 | 96 | 9565 | 0.2000 | 0.1902 | |
| 83 Atrazine | 200 | 8.016 | 8.022 | -0.006 | 93 | 5315 | 0.2000 | 0.1887 | |
| 84 Pentachlorophenol | 266 | 8.093 | 8.093 | 0.000 | 94 | 6518 | 0.4000 | 0.2556 | |
| 85 Pentachloronitrobenzene | 237 | 8.105 | 8.105 | 0.000 | 86 | 1781 | 0.2000 | 0.1475 | |
| 86 n-Octadecane | 57 | 8.205 | 8.205 | 0.001 | 92 | 13637 | 0.2000 | 0.1776 | |
| * 87 Phenanthrene-d10 | 188 | 8.257 | 8.257 | 0.000 | 99 | 1257798 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 Phenanthrene | 178 | 8.281 | 8.281 | 0.000 | 98 | 34728 | 0.2000 | 0.2109 | |
| 89 Anthracene | 178 | 8.328 | 8.328 | 0.000 | 98 | 32127 | 0.2000 | 0.1940 | |
| 90 Carbazole | 167 | 8.487 | 8.487 | 0.000 | 96 | 27217 | 0.2000 | 0.1983 | |
| 91 Di-n-butyl phthalate | 149 | 8.852 | 8.852 | 0.000 | 99 | 26934 | 0.2000 | 0.1751 | |
| 92 Fluoranthene | 202 | 9.410 | 9.410 | 0.000 | 97 | 28719 | 0.2000 | 0.2010 | |
| 93 Benzidine | 184 | 9.557 | 9.552 | 0.005 | 97 | 4126 | 0.2000 | 0.1145 | |
| 94 Pyrene | 202 | 9.622 | 9.622 | 0.000 | 97 | 27813 | 0.2000 | 0.1928 | |
| $ 96 Terphenyl-d14 | 244 | 9.799 | 9.793 | 0.006 | 98 | 1307123 | 10.0 | 10.4 | |
| 97 Butyl benzyl phthalate | 149 | 10.281 | 10.281 | 0.000 | 98 | 7412 | 0.2000 | 0.1552 | |
| 99 Carbamazepine | 193 | 10.369 | 10.369 | 0.000 | 90 | 3743 | 0.2000 | 0.2412 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.828 | 10.822 | 0.006 | 91 | 5172 | 0.2000 | 0.1455 | |
| 101 Benzo[a]anthracene | 228 | 10.834 | 10.834 | 0.000 | 99 | 22874 | 0.2000 | 0.1901 | |
| * 102 Chrysene-d12 | 240 | 10.840 | 10.846 | -0.006 | 99 | 669858 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.869 | 10.869 | 0.000 | 98 | 20604 | 0.2000 | 0.1964 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.934 | 10.928 | 0.006 | 87 | 8601 | 0.2000 | 0.1355 | |
| 105 Di-n-octyl phthalate | 149 | 11.734 | 11.734 | 0.000 | 96 | 10054 | 0.2000 | 0.2065 | a |
| 106 Benzo[b]fluoranthene | 252 | 12.146 | 12.145 | 0.001 | 97 | 14743 | 0.2000 | 0.1814 | |
| 107 Benzo[k]fluoranthene | 252 | 12.181 | 12.181 | 0.000 | 98 | 16025 | 0.2000 | 0.1889 | |
| 108 Benzo[a]pyrene | 252 | 12.575 | 12.575 | 0.000 | 97 | 13350 | 0.2000 | 0.1924 | |
| * 109 Perylene-d12 | 264 | 12.657 | 12.657 | 0.000 | 99 | 541171 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.110 | 14.110 | 0.000 | 98 | 11158 | 0.2000 | 0.1658 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.151 | 14.151 | 0.000 | 98 | 11772 | 0.2000 | 0.1759 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.481 | 14.481 | 0.000 | 98 | 11953 | 0.2000 | 0.1812 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 0.3762 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

8270_3511_L2_00001 Amount Added: 1.00 Units: mL

Report Date: 23-Jun-2025 06:20:19 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58887.d

Injection Date: 21-Jun-2025 12:59:16 Instrument ID: CBNAMS14 Operator ID:

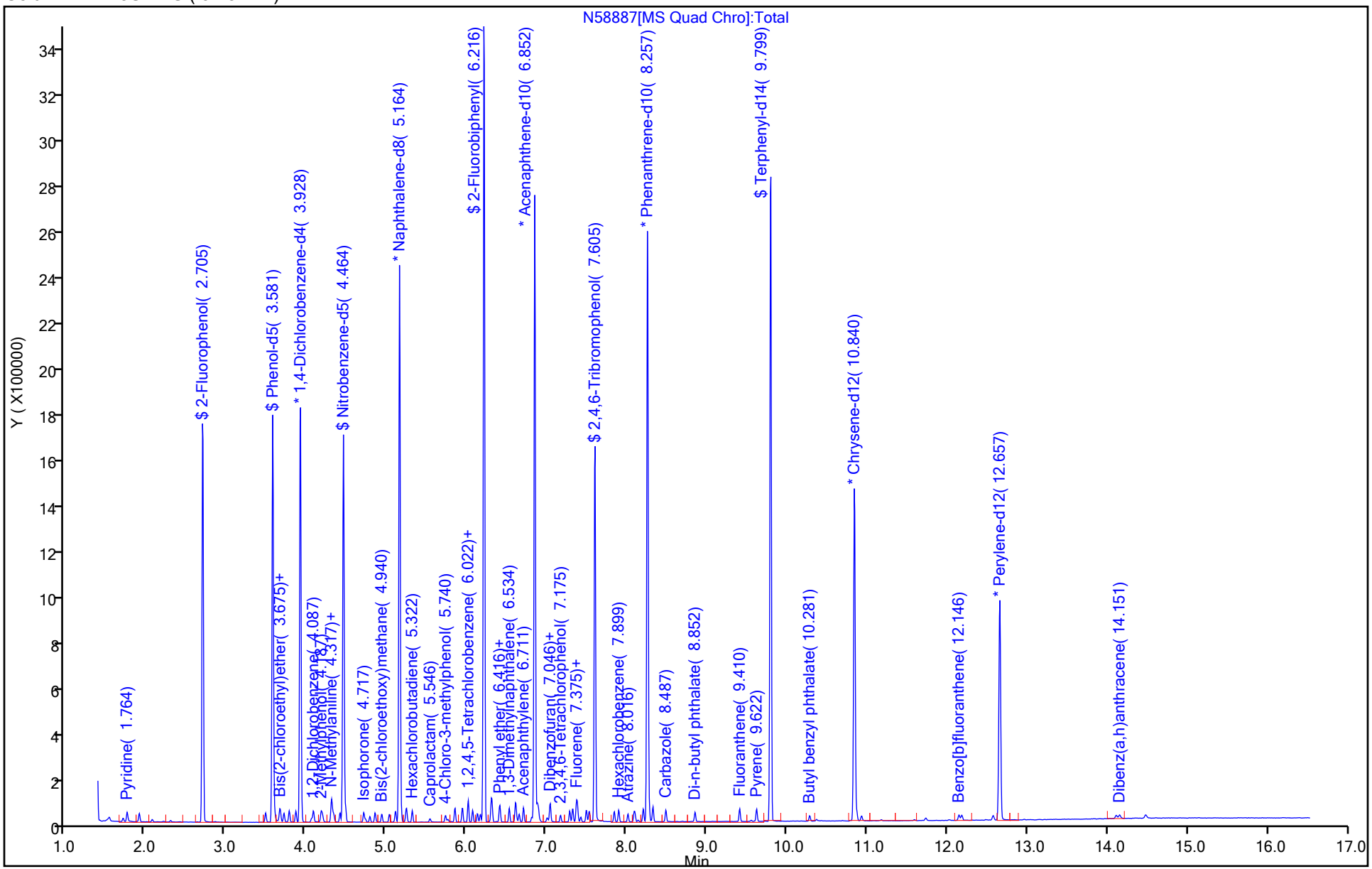
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

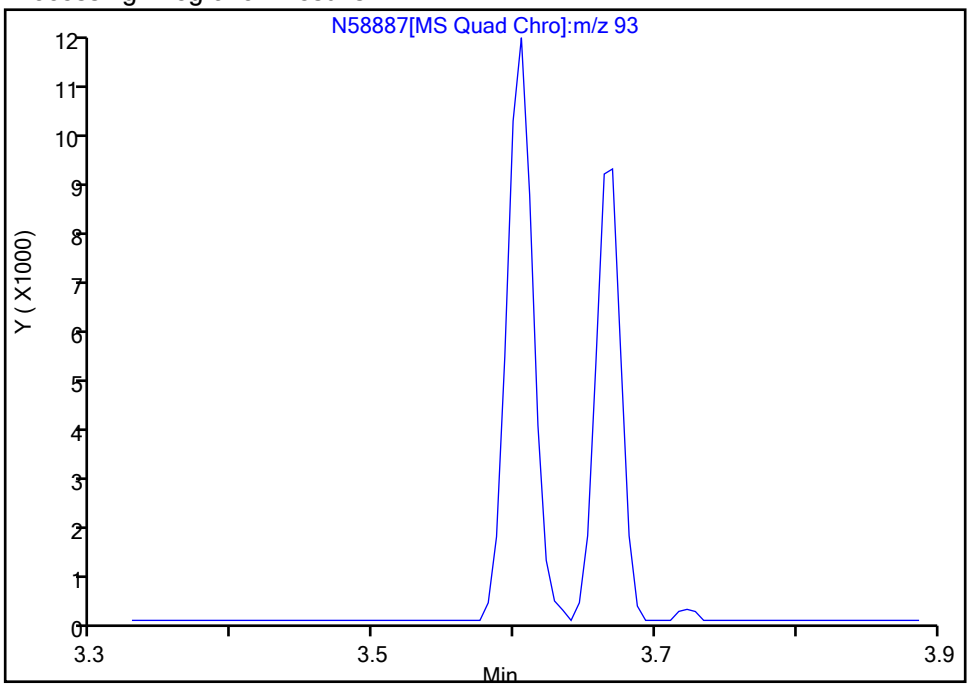
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58887.d
Injection Date: 21-Jun-2025 12:59:16 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 8 Aniline, CAS: 62-53-3

Signal: 1

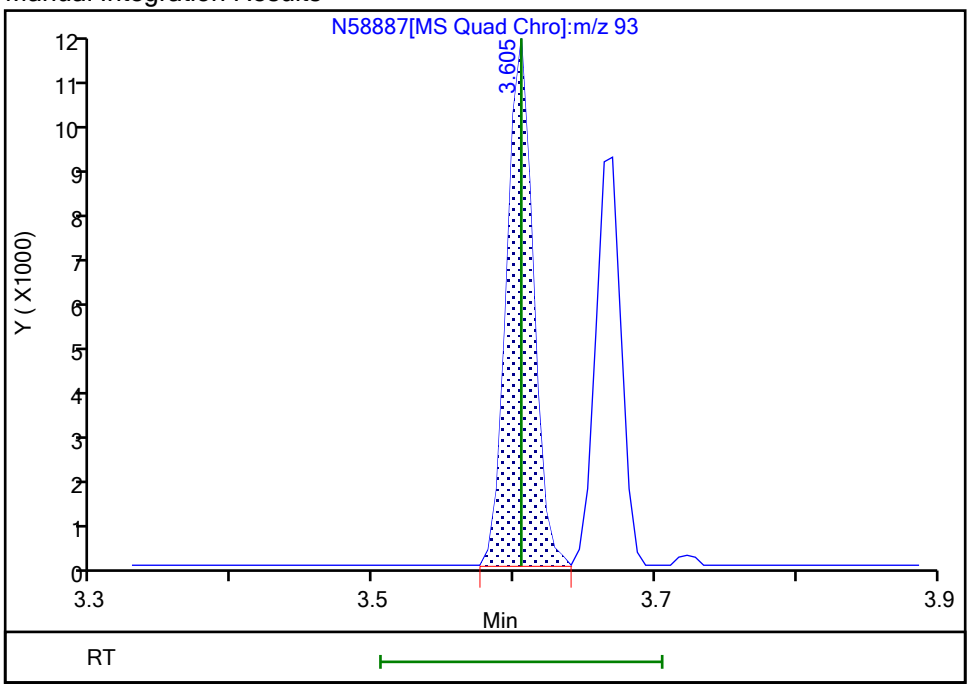
Not Detected
Expected RT: 3.60

Processing Integration Results




Manual Integration Results

RT: 3.60
Area: 14707
Amount: 0.168426
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:59:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

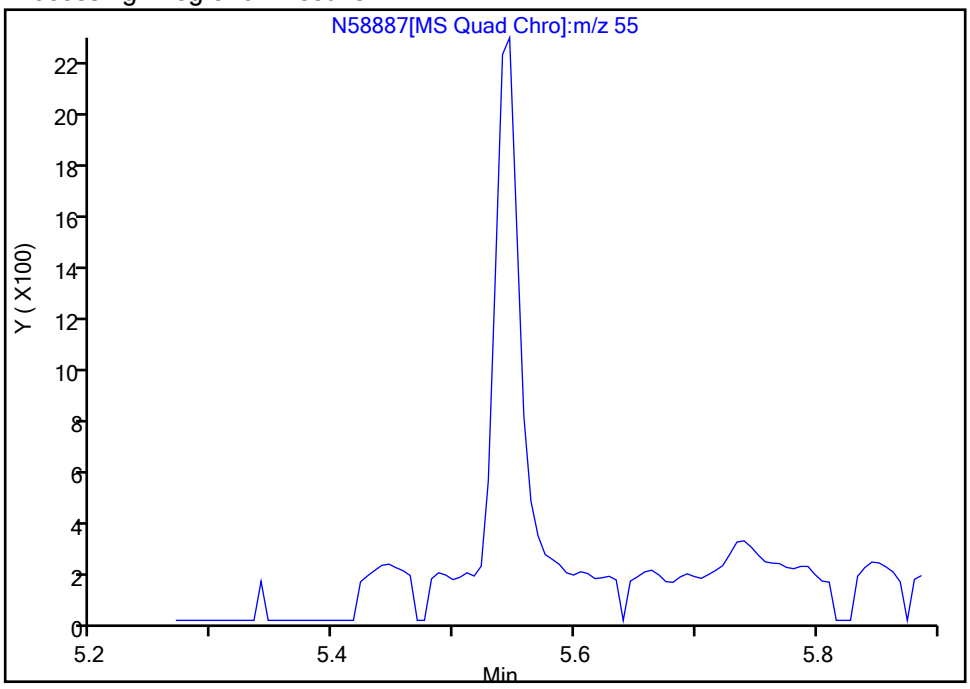
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58887.d
Injection Date: 21-Jun-2025 12:59:16 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

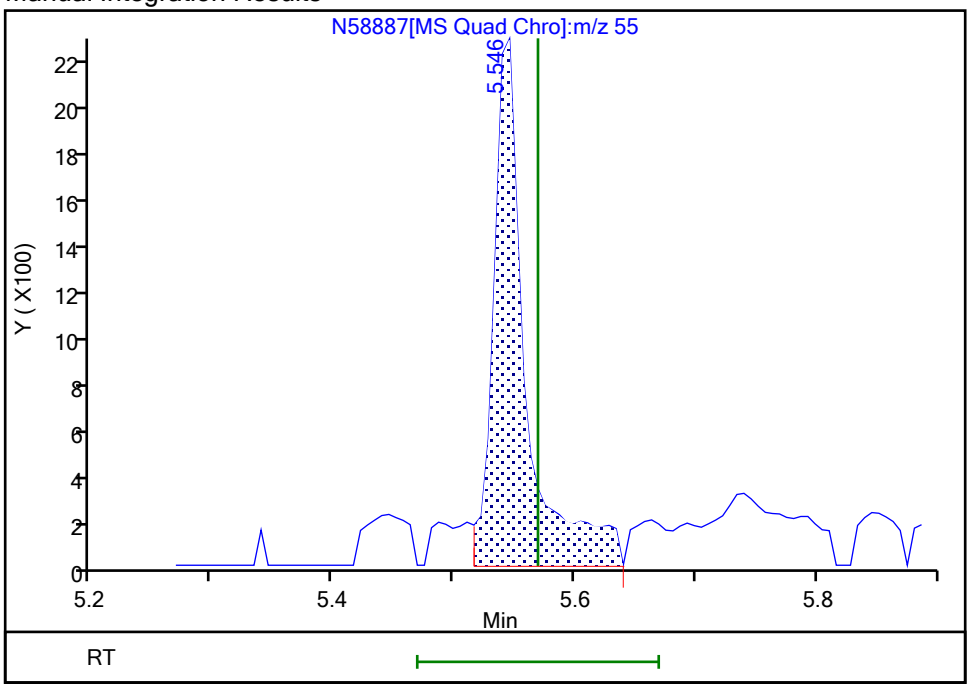
Not Detected
Expected RT: 5.57

Processing Integration Results




Manual Integration Results

RT: 5.55
Area: 4287
Amount: 0.222809
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:59:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

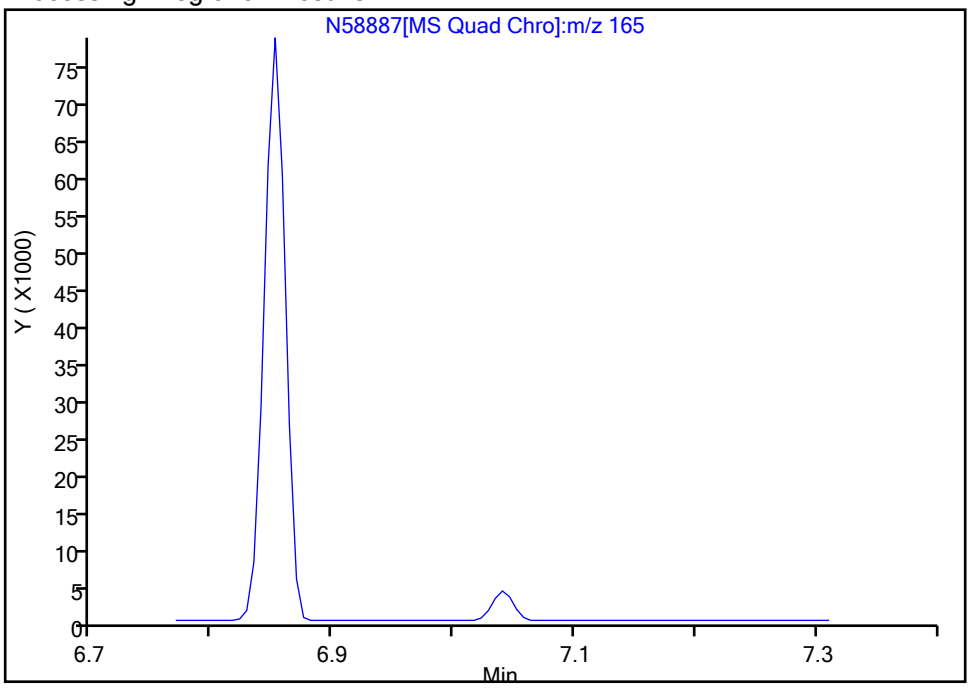
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58887.d
Injection Date: 21-Jun-2025 12:59:16 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

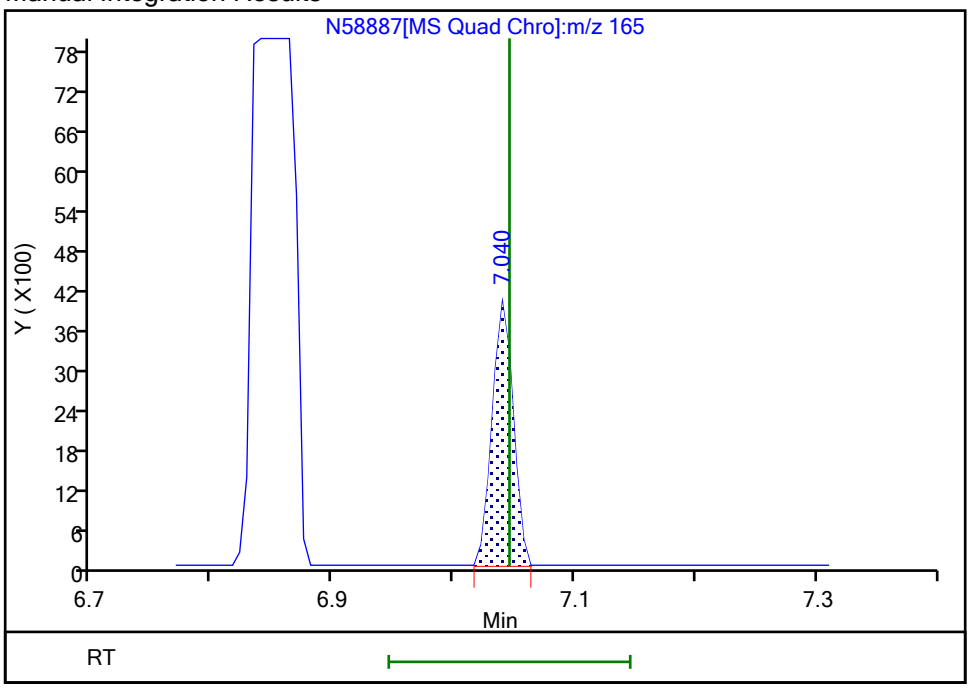
Not Detected
Expected RT: 7.05

Processing Integration Results




Manual Integration Results

RT: 7.04
Area: 4820
Amount: 0.161453
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:59:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

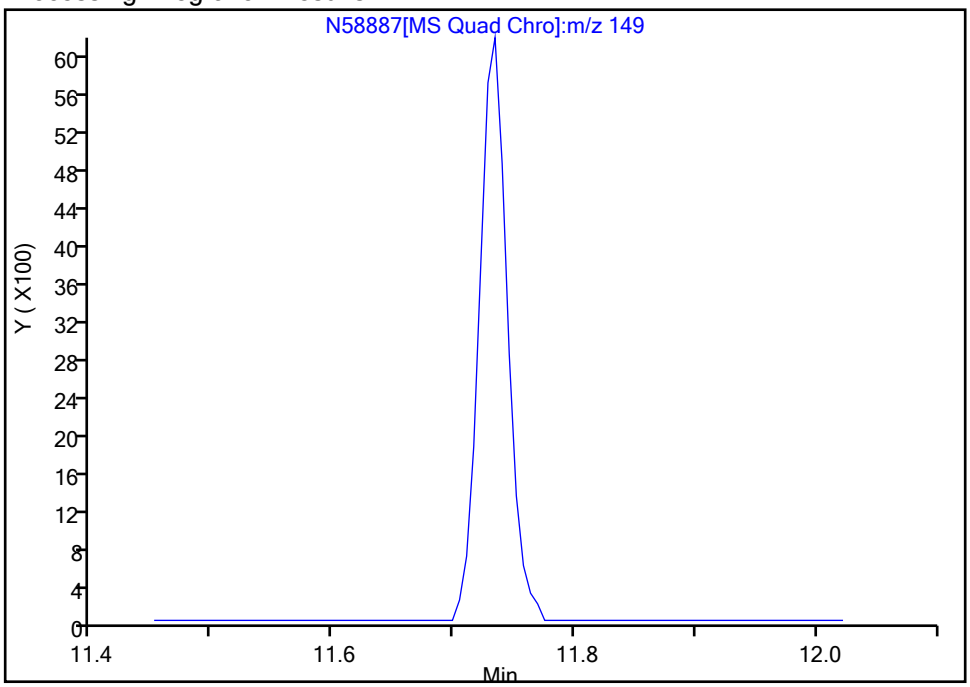
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58887.d
Injection Date: 21-Jun-2025 12:59:16 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 105 Di-n-octyl phthalate, CAS: 117-84-0

Signal: 1

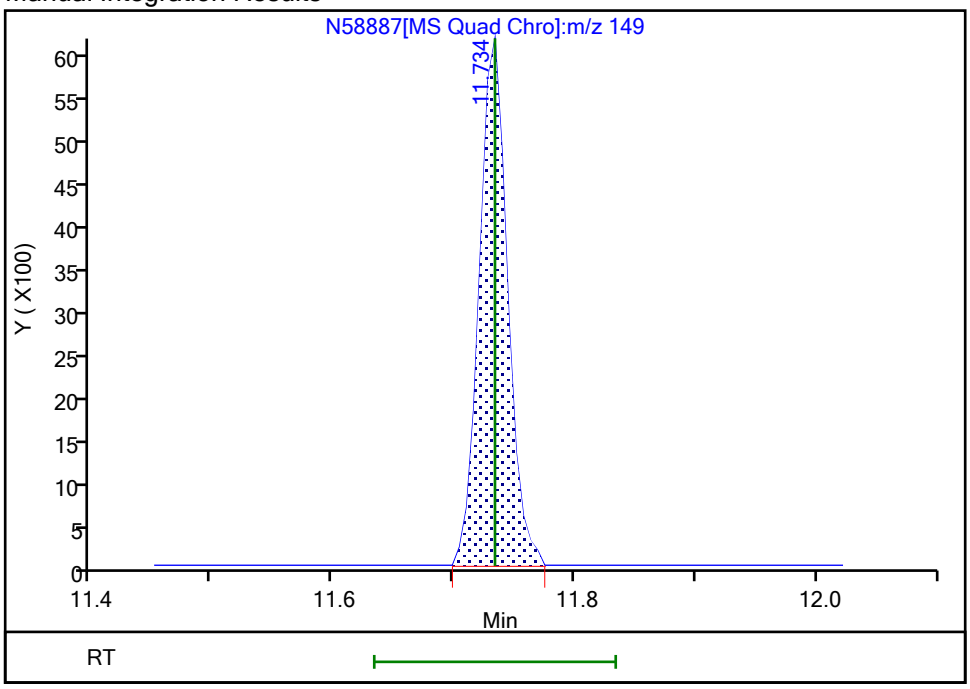
Not Detected
Expected RT: 11.73

Processing Integration Results




Manual Integration Results

RT: 11.73
Area: 10054
Amount: 0.206520
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 04:59:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58888.d
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 21-Jun-2025 13:21:49 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-010
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:20:22 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 05:00:24

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.558 | 1.546 | 0.012 | 95 | 3369 | 0.1000 | 0.1071 | |
| 3 Pyridine | 79 | 1.775 | 1.752 | 0.023 | 91 | 11132 | 0.2000 | 0.1773 | |
| $ 4 2-Fluorophenol | 112 | 2.711 | 2.711 | 0.000 | 96 | 672798 | 10.0 | 10.3 | |
| $ 6 Phenol-d5 | 99 | 3.581 | 3.587 | -0.006 | 96 | 815688 | 10.0 | 10.3 | |
| 8 Aniline | 93 | 3.605 | 3.605 | 0.000 | 95 | 8795 | 0.1000 | 0.0994 | a |
| 9 Bis(2-chloroethyl)ether | 93 | 3.664 | 3.669 | -0.005 | 94 | 5502 | 0.1000 | 0.0889 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 96 | 385804 | 8.00 | 8.00 | |
| 20 N-Methylaniline | 106 | 4.311 | 4.316 | -0.005 | 93 | 8354 | 0.1000 | 0.0925 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 4.322 | 4.328 | -0.006 | 86 | 4128 | 0.1000 | 0.0963 | |
| 25 Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 93 | 2771 | 0.1000 | 0.0926 | |
| $ 27 Nitrobenzene-d5 | 82 | 4.464 | 4.464 | 0.000 | 87 | 730152 | 10.0 | 10.2 | |
| 28 Nitrobenzene | 123 | 4.481 | 4.487 | -0.006 | 91 | 2950 | 0.1000 | 0.0933 | |
| 29 n,n'-Dimethylaniline | 120 | 4.493 | 4.493 | 0.000 | 89 | 8730 | 0.1000 | 0.0921 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.116 | 5.116 | 0.000 | 94 | 5666 | 0.1000 | 0.0946 | |
| * 38 Naphthalene-d8 | 136 | 5.163 | 5.163 | 0.000 | 99 | 1395928 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.181 | 5.187 | -0.006 | 98 | 18196 | 0.1000 | 0.0979 | |
| 40 4-Chloroaniline | 127 | 5.246 | 5.246 | 0.000 | 96 | 6229 | 0.1000 | 0.0923 | |
| 41 Hexachlorobutadiene | 225 | 5.322 | 5.322 | 0.000 | 91 | 3431 | 0.1000 | 0.0941 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.216 | 6.222 | -0.006 | 97 | 1459854 | 10.0 | 10.2 | |
| 52 1,1'-Biphenyl | 154 | 6.310 | 6.310 | 0.000 | 97 | 13901 | 0.1000 | 0.0969 | |
| * 64 Acenaphthene-d10 | 164 | 6.852 | 6.852 | 0.000 | 96 | 726132 | 8.00 | 8.00 | |
| 67 2,4-Dinitrophenol | 184 | 6.916 | 6.916 | 0.000 | 73 | 352 | 0.2000 | 0.3106 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.528 | 7.534 | -0.006 | 96 | 11382 | 0.1000 | 0.0912 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.605 | 7.605 | 0.000 | 91 | 306625 | 10.0 | 10.2 | |
| 82 Hexachlorobenzene | 284 | 7.899 | 7.905 | -0.006 | 96 | 4214 | 0.1000 | 0.0864 | |
| * 87 Phenanthrene-d10 | 188 | 8.257 | 8.257 | 0.000 | 99 | 1220753 | 8.00 | 8.00 | |
| $ 96 Terphenyl-d14 | 244 | 9.793 | 9.793 | 0.000 | 98 | 1207720 | 10.0 | 10.4 | |
| 101 Benzo[a]anthracene | 228 | 10.828 | 10.834 | -0.006 | 97 | 11019 | 0.1000 | 0.0917 | |
| * 102 Chrysene-d12 | 240 | 10.840 | 10.846 | -0.006 | 99 | 616667 | 8.00 | 8.00 | |
| 106 Benzo[b]fluoranthene | 252 | 12.145 | 12.145 | 0.000 | 95 | 6589 | 0.1000 | 0.0850 | |
| 107 Benzo[k]fluoranthene | 252 | 12.181 | 12.181 | 0.000 | 97 | 7207 | 0.1000 | 0.0891 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 108 Benzo[a]pyrene | 252 | 12.569 | 12.575 | -0.006 | 96 | 5311 | 0.1000 | 0.0802 | |
| * 109 Perylene-d12 | 264 | 12.651 | 12.657 | -0.006 | 99 | 516288 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.110 | 14.110 | 0.000 | 97 | 5086 | 0.1000 | 0.0792 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.151 | 14.151 | 0.000 | 94 | 5245 | 0.1000 | 0.0822 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.481 | 14.481 | 0.000 | 96 | 5258 | 0.1000 | 0.0835 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL1_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 23-Jun-2025 06:20:23 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58888.d

Injection Date: 21-Jun-2025 13:21:49 Instrument ID: CBNAMS14 Operator ID:

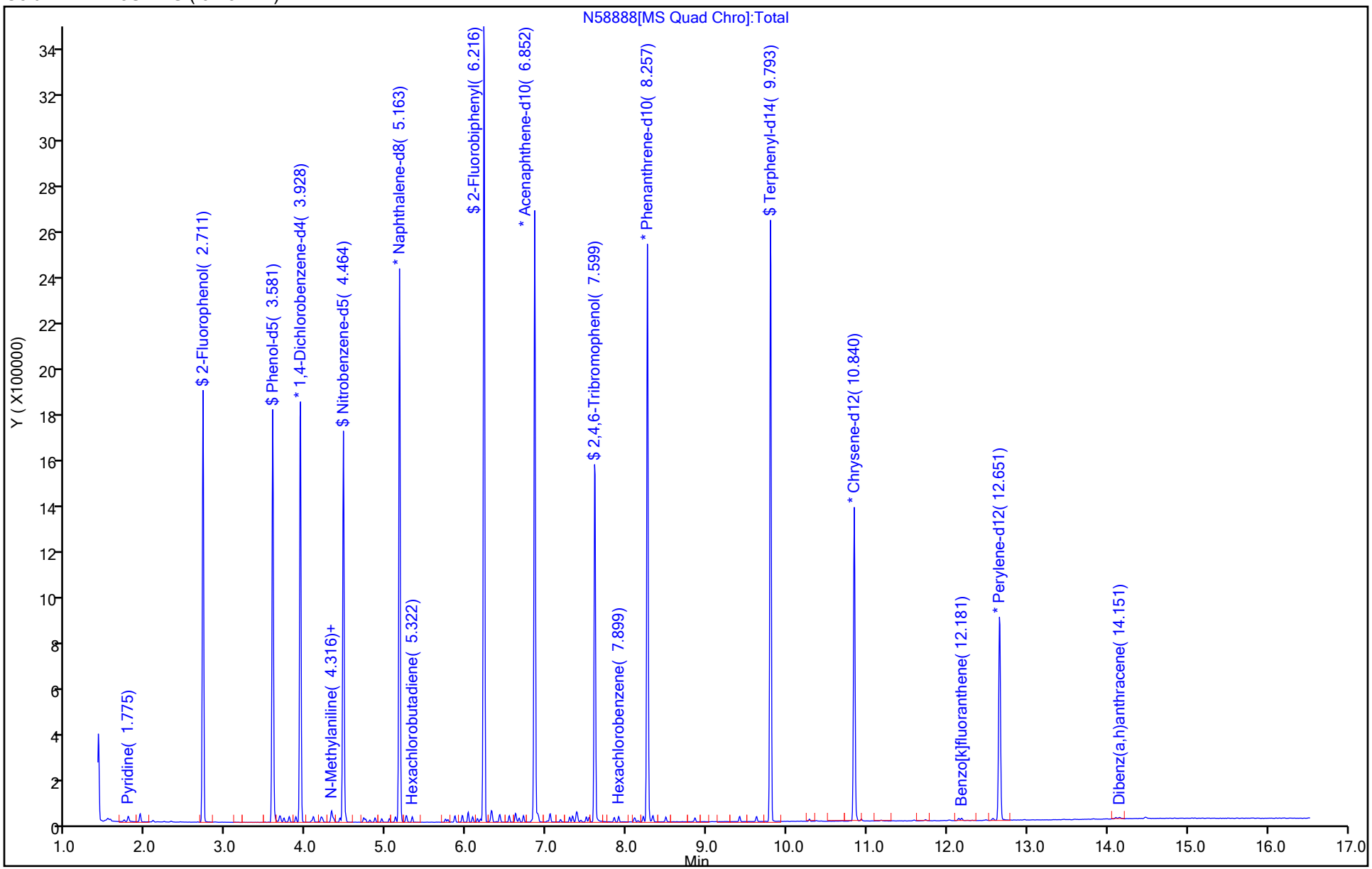
Lims ID: STD01 Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

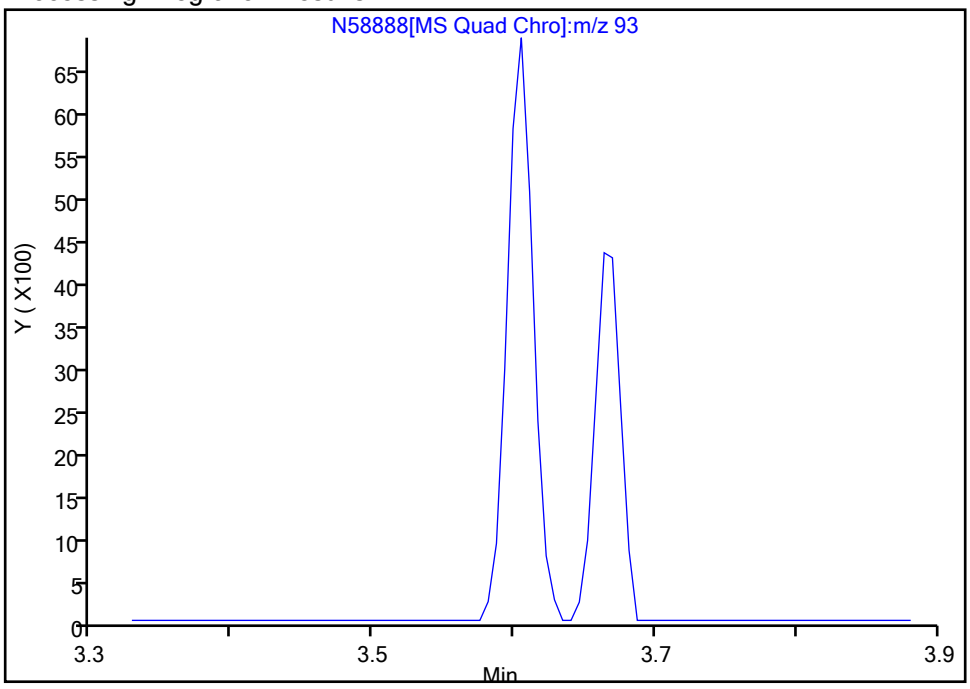
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58888.d
Injection Date: 21-Jun-2025 13:21:49 Instrument ID: CBNAMS14
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 8 Aniline, CAS: 62-53-3

Signal: 1

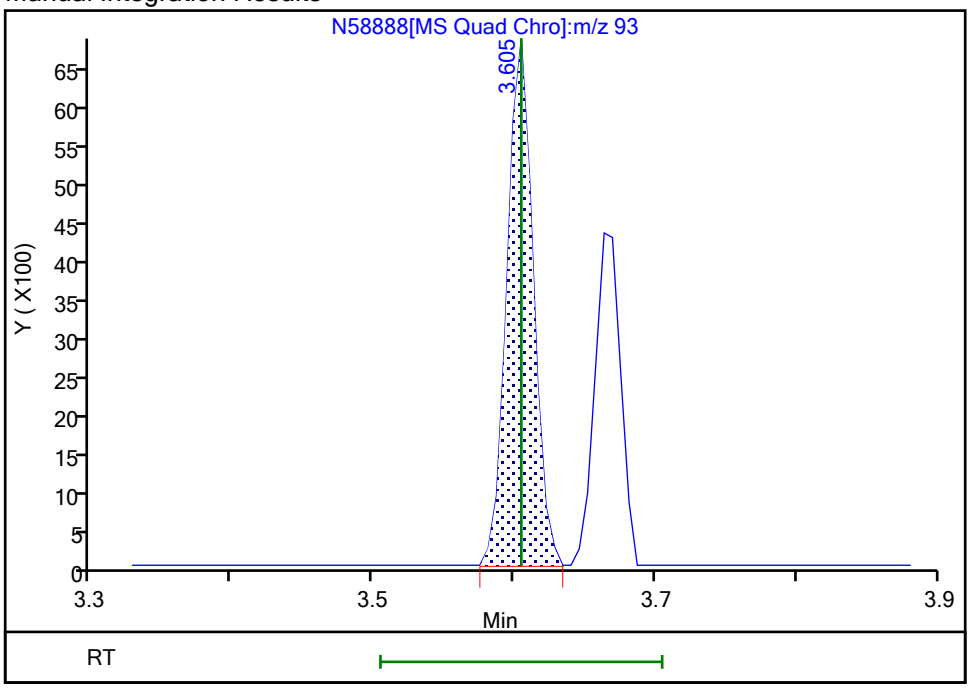
Not Detected
Expected RT: 3.60

Processing Integration Results




Manual Integration Results

RT: 3.60
Area: 8795
Amount: 0.099441
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Lims ID: STD002
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jun-2025 13:44:21 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-011
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:20:25 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 05:01:23

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.552 | 1.546 | 0.006 | 82 | 972 | 0.0200 | 0.0195 | |
| 3 Pyridine | 79 | 1.781 | 1.752 | 0.029 | 91 | 2279 | 0.0400 | 0.0377 | |
| $ 4 2-Fluorophenol | 112 | 2.710 | 2.711 | -0.001 | 96 | 613107 | 10.0 | 9.72 | |
| $ 6 Phenol-d5 | 99 | 3.581 | 3.587 | -0.006 | 96 | 732664 | 10.0 | 9.63 | |
| 8 Aniline | 93 | 3.604 | 3.605 | -0.001 | 72 | 1791 | 0.0200 | 0.0211 | a |
| 9 Bis(2-chloroethyl)ether | 93 | 3.669 | 3.669 | 0.000 | 93 | 1325 | 0.0200 | 0.0223 | |
| 13 1,3-Dichlorobenzene | 146 | 3.869 | 3.869 | 0.000 | 91 | 1585 | 0.0200 | 0.0221 | a |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 97 | 371012 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 3.940 | 3.946 | -0.006 | 63 | 2177 | 0.0200 | 0.0285 | |
| 17 1,2-Dichlorobenzene | 146 | 4.093 | 4.093 | 0.000 | 89 | 1501 | 0.0200 | 0.0220 | |
| 20 N-Methylaniline | 106 | 4.310 | 4.316 | -0.006 | 91 | 1559 | 0.0200 | 0.0180 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 4.322 | 4.328 | -0.006 | 78 | 979 | 0.0200 | 0.0238 | a |
| 25 Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 88 | 628 | 0.0200 | 0.0218 | |
| $ 27 Nitrobenzene-d5 | 82 | 4.463 | 4.464 | -0.001 | 87 | 659615 | 10.0 | 9.58 | |
| 28 Nitrobenzene | 123 | 4.481 | 4.487 | -0.006 | 81 | 756 | 0.0200 | 0.0249 | a |
| 29 n,n'-Dimethylaniline | 120 | 4.493 | 4.493 | 0.000 | 89 | 1937 | 0.0200 | 0.0212 | a |
| 30 Isophorone | 82 | 4.716 | 4.722 | -0.006 | 96 | 2337 | 0.0200 | 0.0215 | a |
| 37 1,2,4-Trichlorobenzene | 180 | 5.116 | 5.116 | 0.000 | 92 | 1330 | 0.0200 | 0.0230 | |
| * 38 Naphthalene-d8 | 136 | 5.163 | 5.163 | 0.000 | 99 | 1346598 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.181 | 5.187 | -0.006 | 99 | 4123 | 0.0200 | 0.0230 | |
| 40 4-Chloroaniline | 127 | 5.246 | 5.246 | 0.000 | 90 | 1213 | 0.0200 | 0.0186 | |
| 41 Hexachlorobutadiene | 225 | 5.322 | 5.322 | 0.000 | 81 | 803 | 0.0200 | 0.0228 | |
| 44 2-Methylnaphthalene | 142 | 5.857 | 5.858 | -0.001 | 77 | 2123 | 0.0200 | 0.0209 | |
| 45 1-Methylnaphthalene | 142 | 5.951 | 5.952 | -0.001 | 85 | 2171 | 0.0200 | 0.0207 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.075 | 6.081 | -0.006 | 86 | 1510 | 0.0200 | 0.0218 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.140 | 6.140 | 0.000 | 82 | 615 | 0.0200 | 0.0169 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.222 | 6.222 | 0.000 | 97 | 1346884 | 10.0 | 9.77 | |
| 52 1,1'-Biphenyl | 154 | 6.310 | 6.310 | 0.000 | 96 | 2810 | 0.0200 | 0.0203 | |
| 61 2,6-Dinitrotoluene | 165 | 6.657 | 6.663 | -0.006 | 65 | 408 | 0.0200 | 0.0170 | a |
| * 64 Acenaphthene-d10 | 164 | 6.851 | 6.852 | -0.001 | 96 | 702479 | 8.00 | 8.00 | |
| 69 2,4-Dinitrotoluene | 165 | 7.040 | 7.046 | -0.006 | 57 | 369 | 0.0200 | 0.0129 | a |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 79 1,2-Diphenylhydrazine | 77 | 7.534 | 7.534 | 0.000 | 92 | 2463 | 0.0200 | 0.0202 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.604 | 7.605 | -0.001 | 91 | 277990 | 10.0 | 9.57 | |
| 82 Hexachlorobenzene | 284 | 7.898 | 7.905 | -0.007 | 84 | 1087 | 0.0200 | 0.0228 | |
| 83 Atrazine | 200 | 8.016 | 8.022 | -0.006 | 75 | 379 | 0.0200 | 0.0142 | a |
| * 87 Phenanthrene-d10 | 188 | 8.257 | 8.257 | 0.000 | 99 | 1192255 | 8.00 | 8.00 | |
| 93 Benzidine | 184 | 9.557 | 9.552 | 0.005 | 1 | 191 | 0.0200 | 0.0284 | a |
| 94 Pyrene | 202 | 9.622 | 9.622 | 0.000 | 96 | 2839 | 0.0200 | 0.0218 | |
| $ 96 Terphenyl-d14 | 244 | 9.798 | 9.793 | 0.005 | 98 | 1098312 | 10.0 | 9.69 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.828 | 10.822 | 0.006 | 1 | 370 | 0.0200 | 0.0276 | |
| 101 Benzo[a]anthracene | 228 | 10.833 | 10.834 | -0.001 | 46 | 3662 | 0.0200 | 0.0204 | |
| * 102 Chrysene-d12 | 240 | 10.839 | 10.846 | -0.007 | 99 | 603481 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.869 | 10.869 | 0.000 | 96 | 2003 | 0.0200 | 0.0212 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.928 | 10.928 | 0.000 | 80 | 925 | 0.0200 | 0.0162 | a |
| 106 Benzo[b]fluoranthene | 252 | 12.145 | 12.145 | 0.000 | 96 | 1693 | 0.0200 | 0.0220 | |
| 107 Benzo[k]fluoranthene | 252 | 12.180 | 12.181 | -0.001 | 90 | 1626 | 0.0200 | 0.0203 | a |
| 108 Benzo[a]pyrene | 252 | 12.569 | 12.575 | -0.006 | 92 | 1140 | 0.0200 | 0.0174 | a |
| * 109 Perylene-d12 | 264 | 12.657 | 12.657 | 0.000 | 99 | 511618 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.110 | 14.110 | 0.000 | 1 | 959 | 0.0200 | 0.0151 | a |
| 111 Dibenz(a,h)anthracene | 278 | 14.151 | 14.151 | 0.000 | 88 | 957 | 0.0200 | 0.0151 | a |
| 112 Benzo[g,h,i]perylene | 276 | 14.474 | 14.481 | -0.007 | 85 | 997 | 0.0200 | 0.0160 | a |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

8270_3511_L1_00001 Amount Added: 1.00 Units: mL

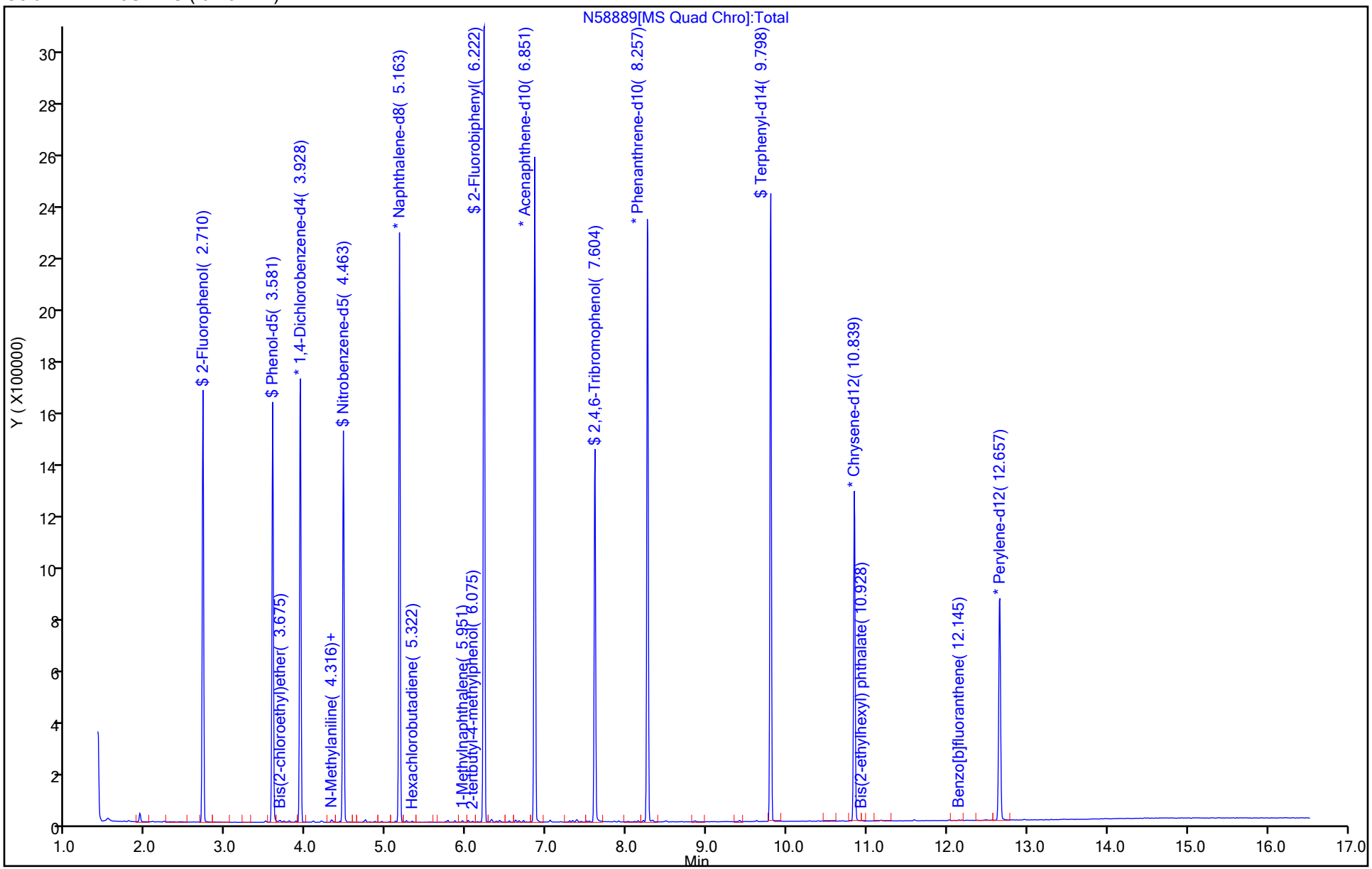
Report Date: 23-Jun-2025 06:20:26 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jun-2025 13:44:21 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | STD002 | | | Worklist Smp#: | 11 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

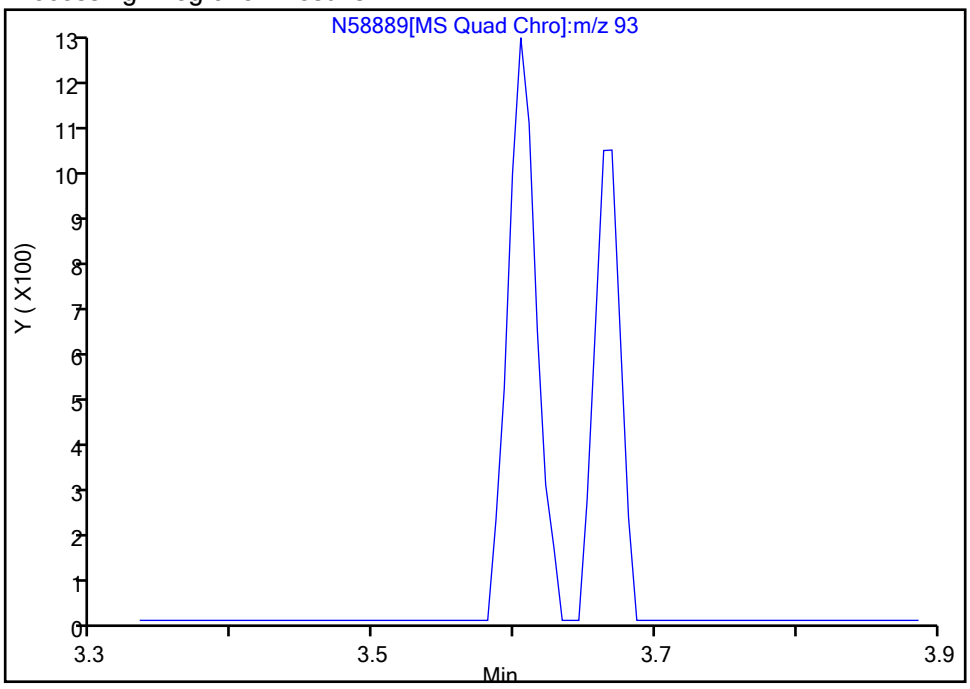
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 8 Aniline, CAS: 62-53-3

Signal: 1

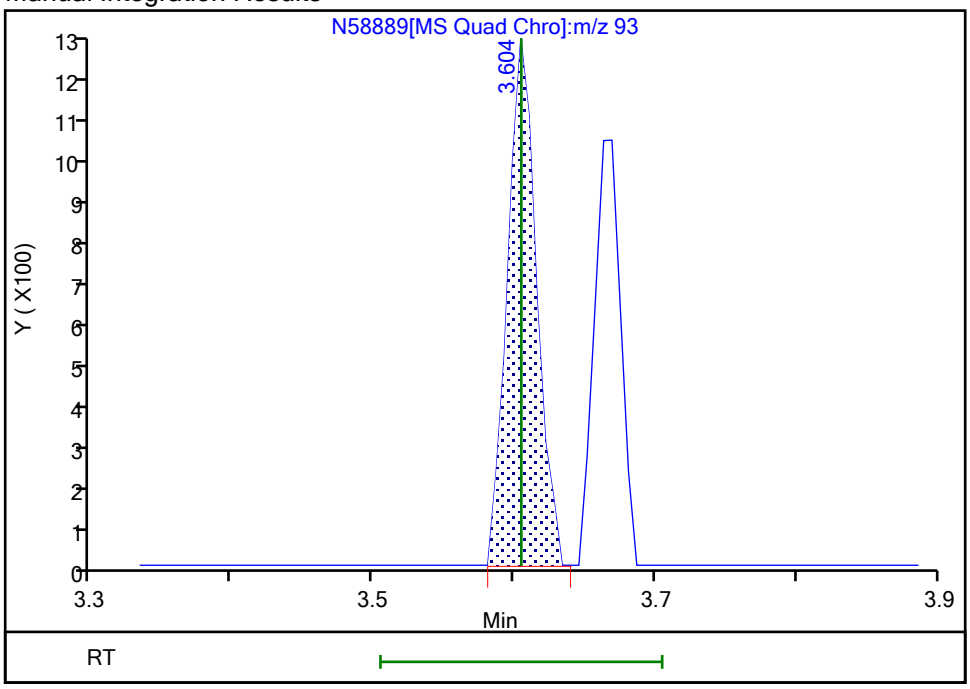
Not Detected
Expected RT: 3.60

Processing Integration Results




Manual Integration Results

RT: 3.60
Area: 1791
Amount: 0.021057
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

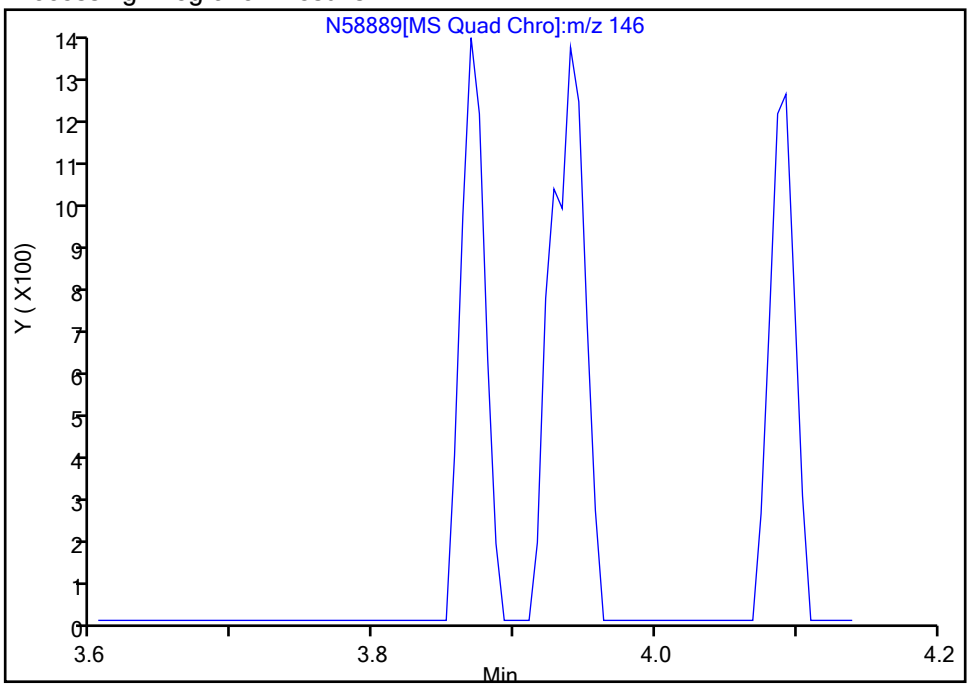
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 13 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

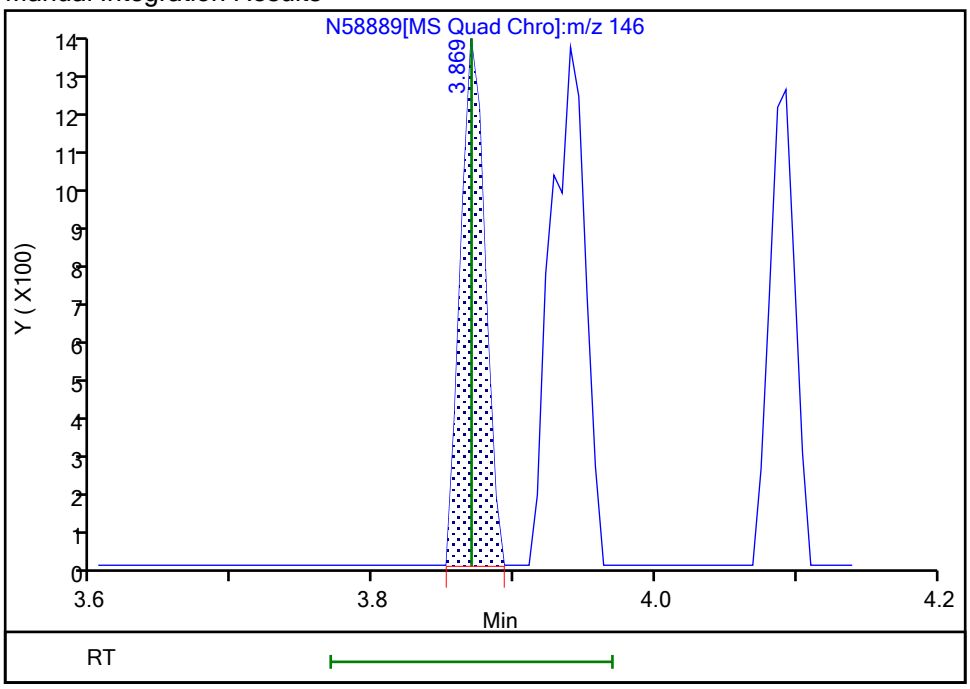
Not Detected
Expected RT: 3.87

Processing Integration Results




Manual Integration Results

RT: 3.87
Area: 1585
Amount: 0.022136
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

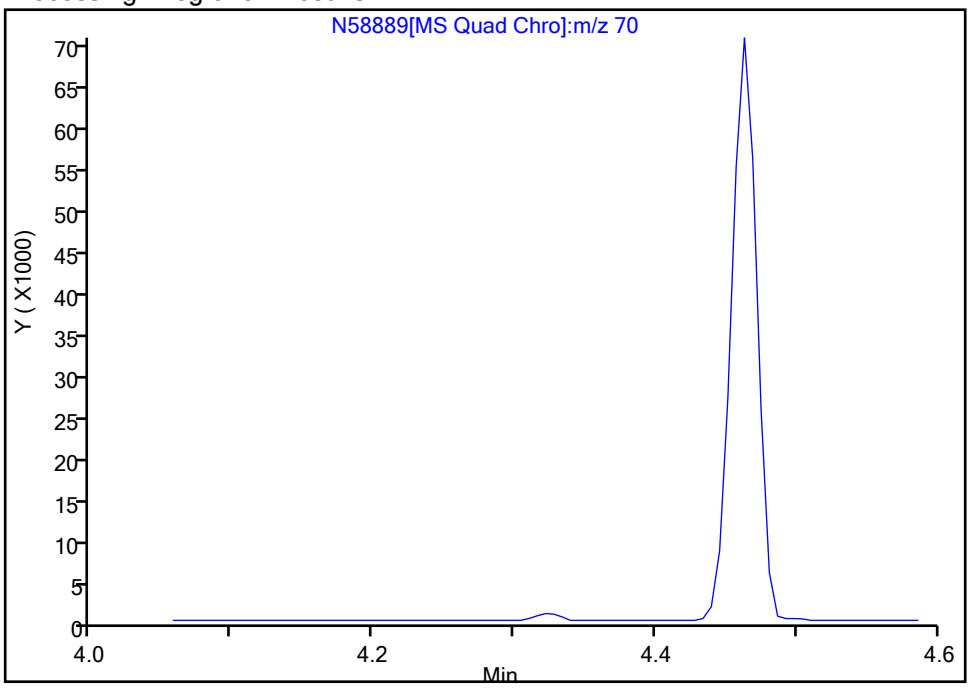
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

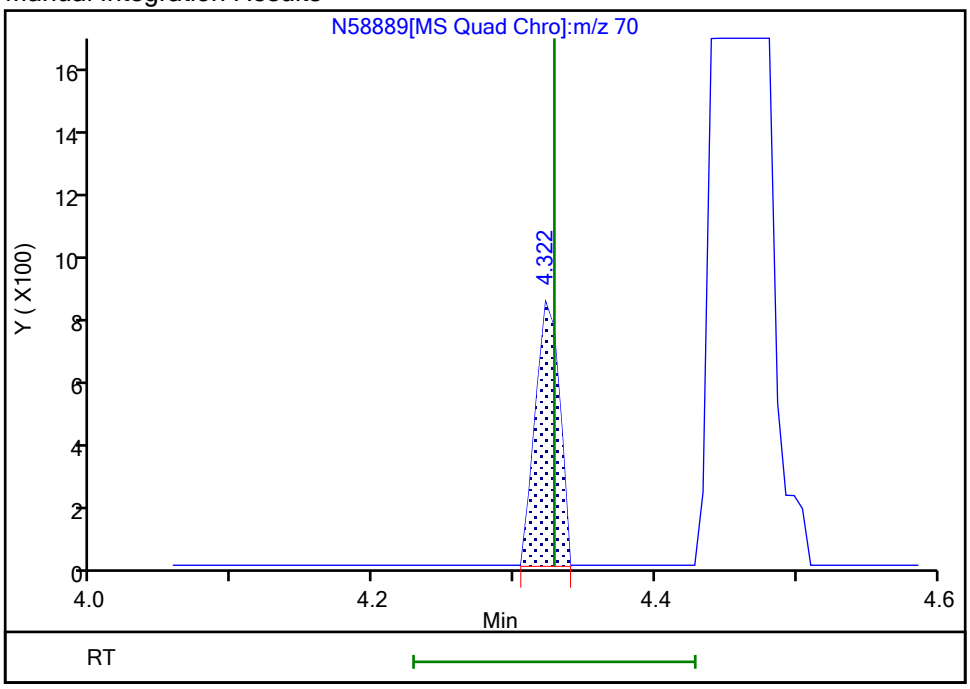
Not Detected
Expected RT: 4.33

Processing Integration Results




Manual Integration Results

RT: 4.32
Area: 979
Amount: 0.023755
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

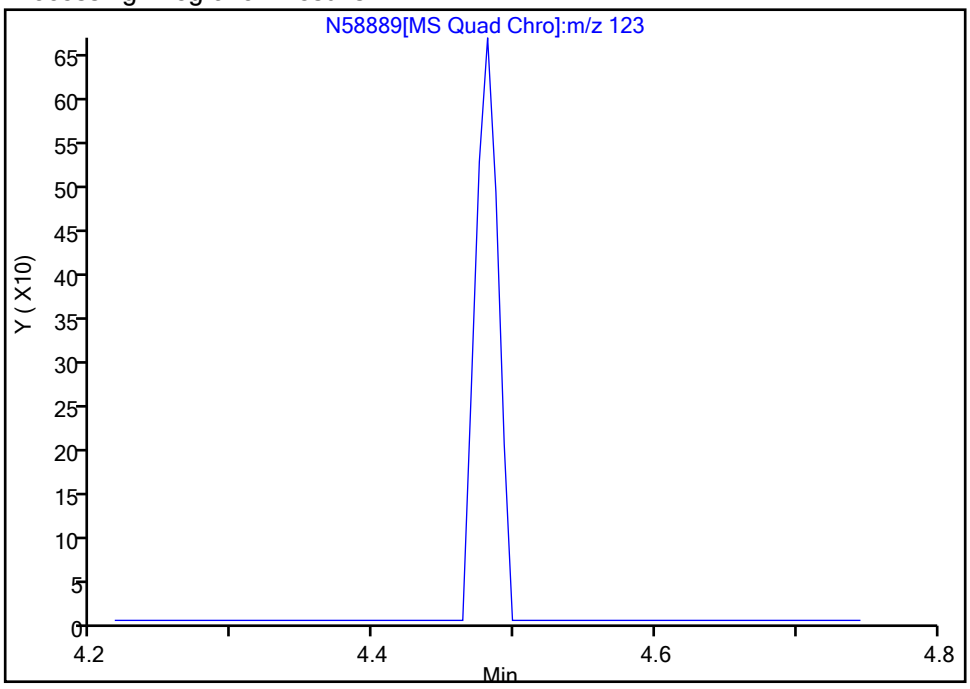
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 28 Nitrobenzene, CAS: 98-95-3

Signal: 1

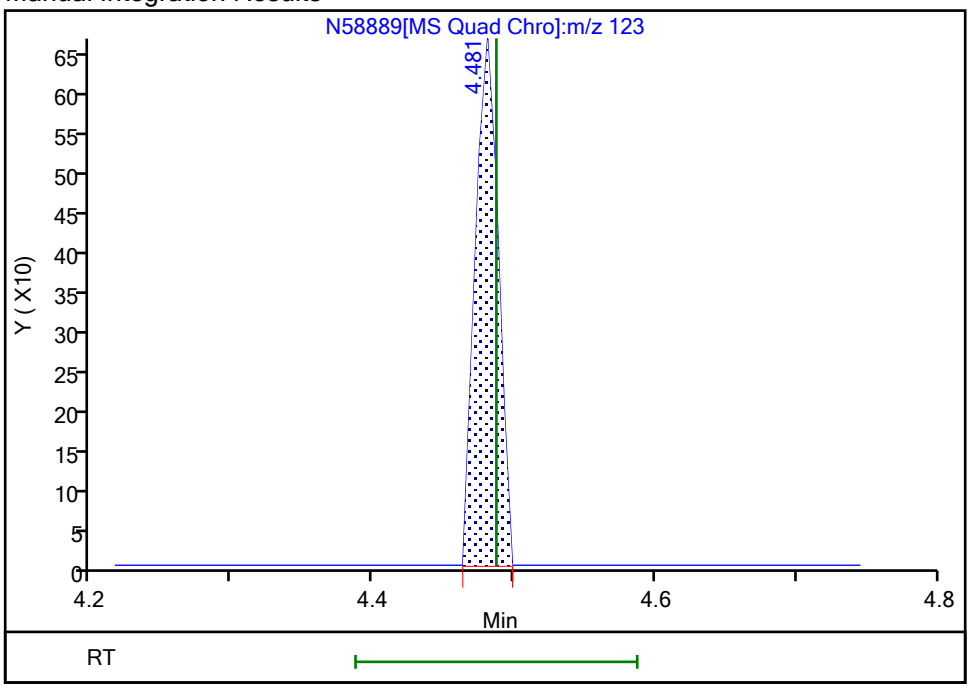
Not Detected
Expected RT: 4.49

Processing Integration Results




Manual Integration Results

RT: 4.48
Area: 756
Amount: 0.024866
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

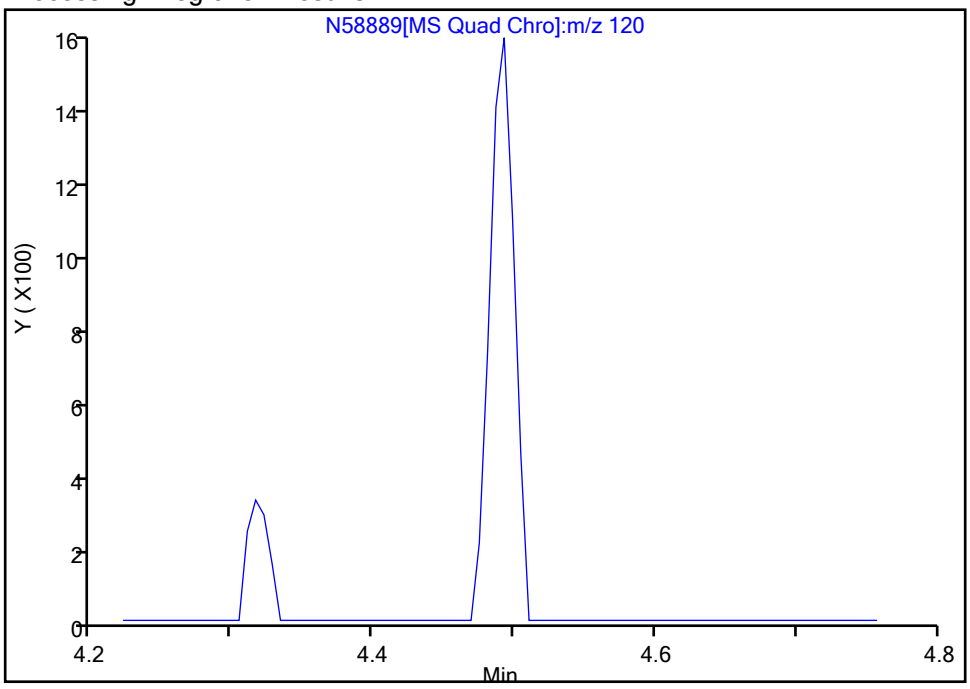
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 29 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

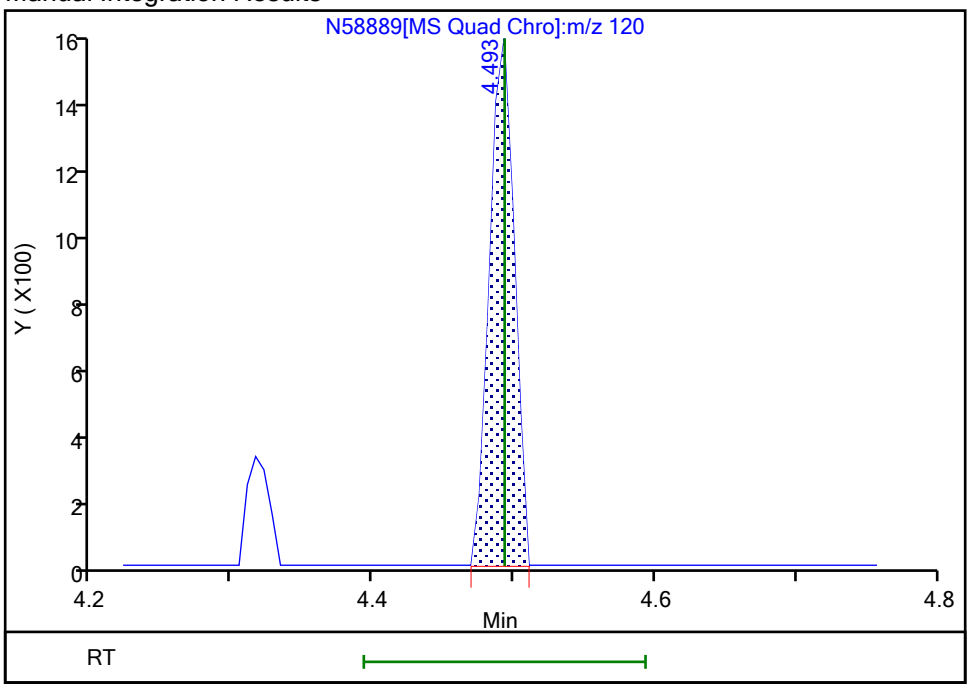
Not Detected
Expected RT: 4.49

Processing Integration Results




Manual Integration Results

RT: 4.49
Area: 1937
Amount: 0.021246
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

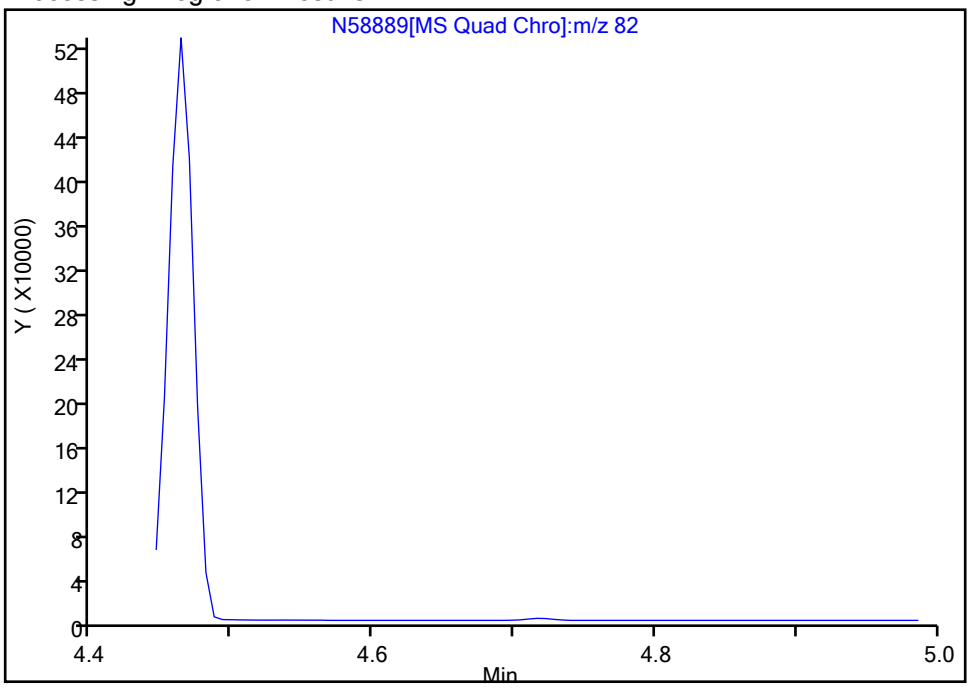
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 30 Isophorone, CAS: 78-59-1

Signal: 1

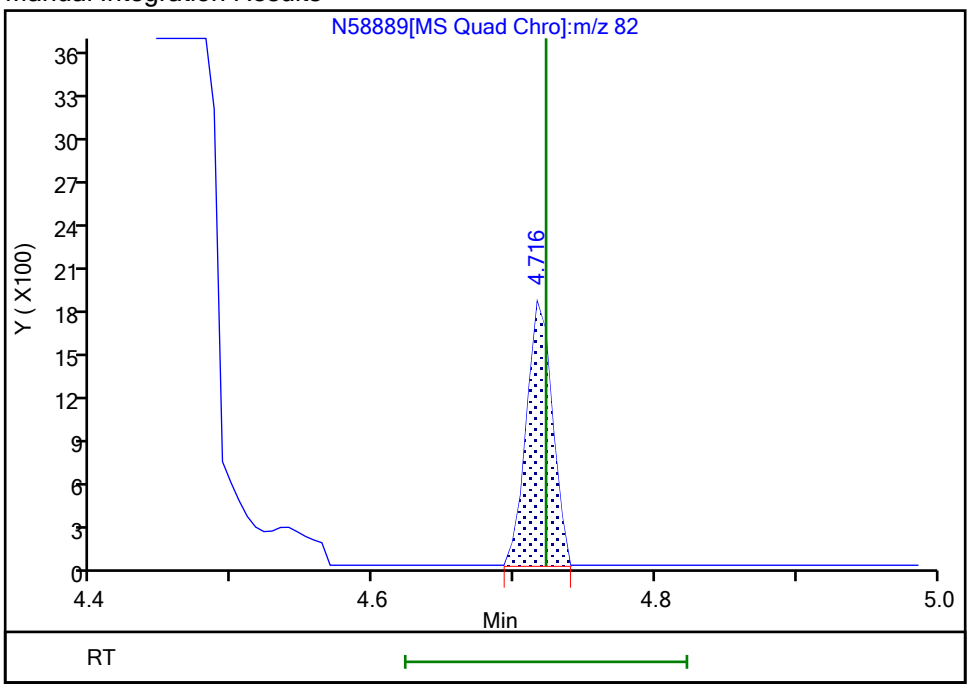
Not Detected
Expected RT: 4.72

Processing Integration Results




Manual Integration Results

RT: 4.72
Area: 2337
Amount: 0.021492
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

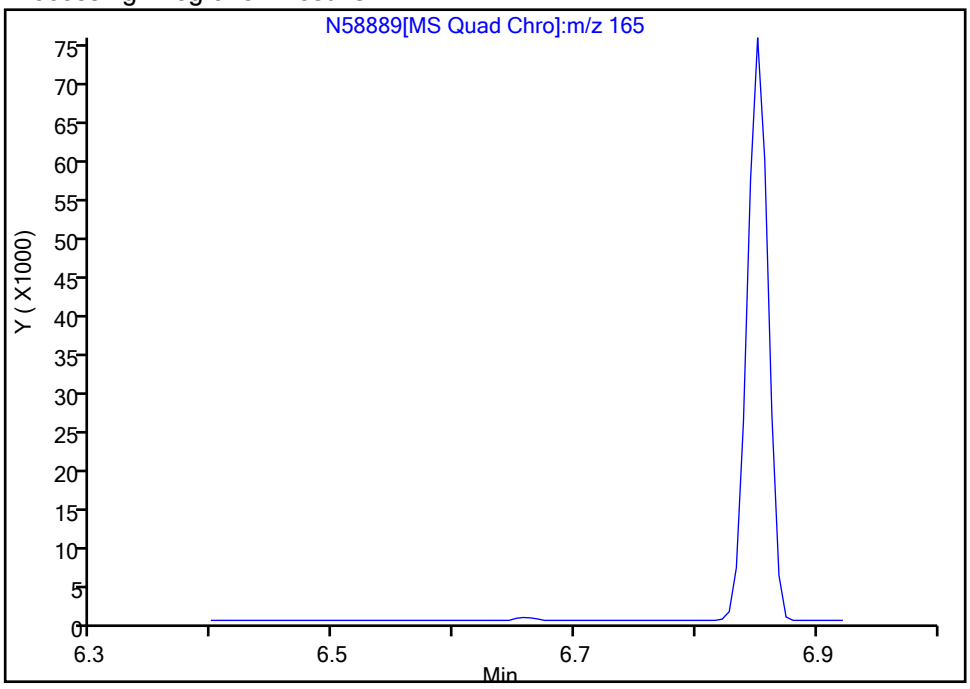
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 61 2,6-Dinitrotoluene, CAS: 606-20-2

Signal: 1

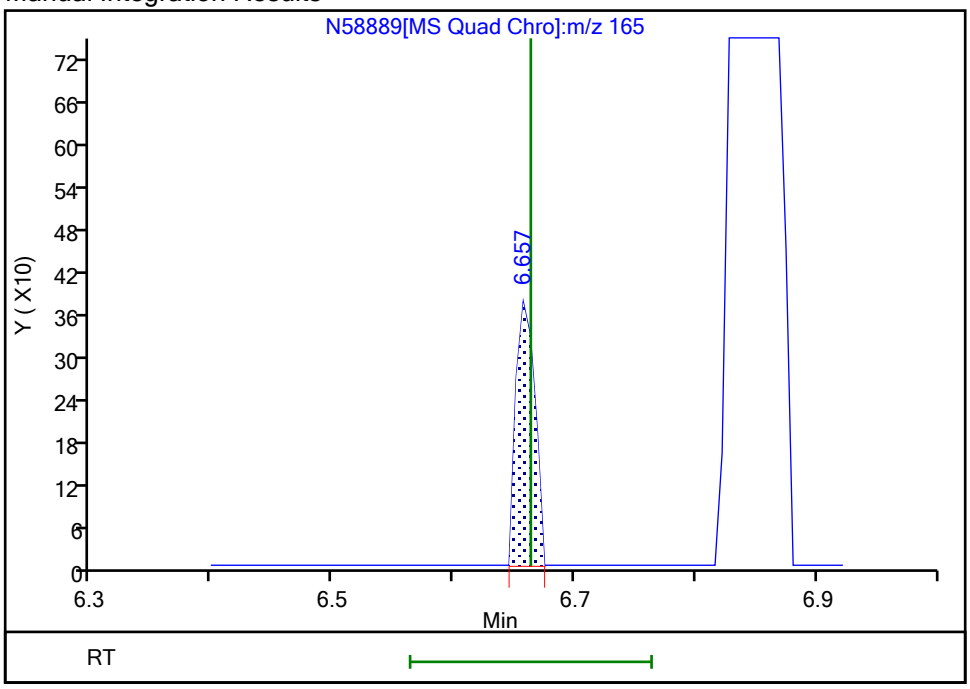
Not Detected
Expected RT: 6.66

Processing Integration Results




Manual Integration Results

RT: 6.66
Area: 408
Amount: 0.016965
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

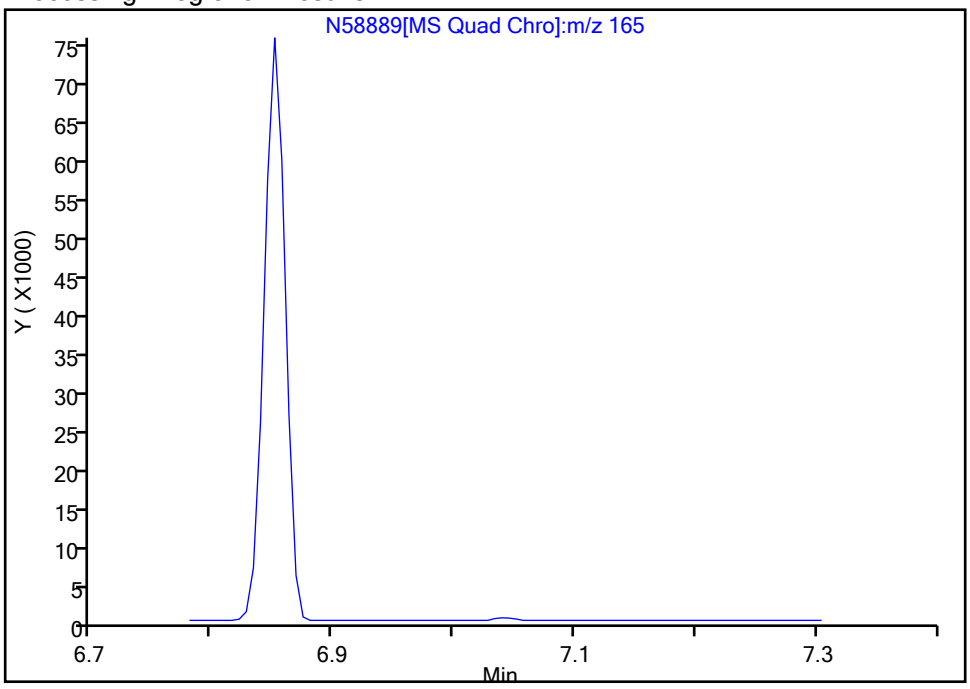
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

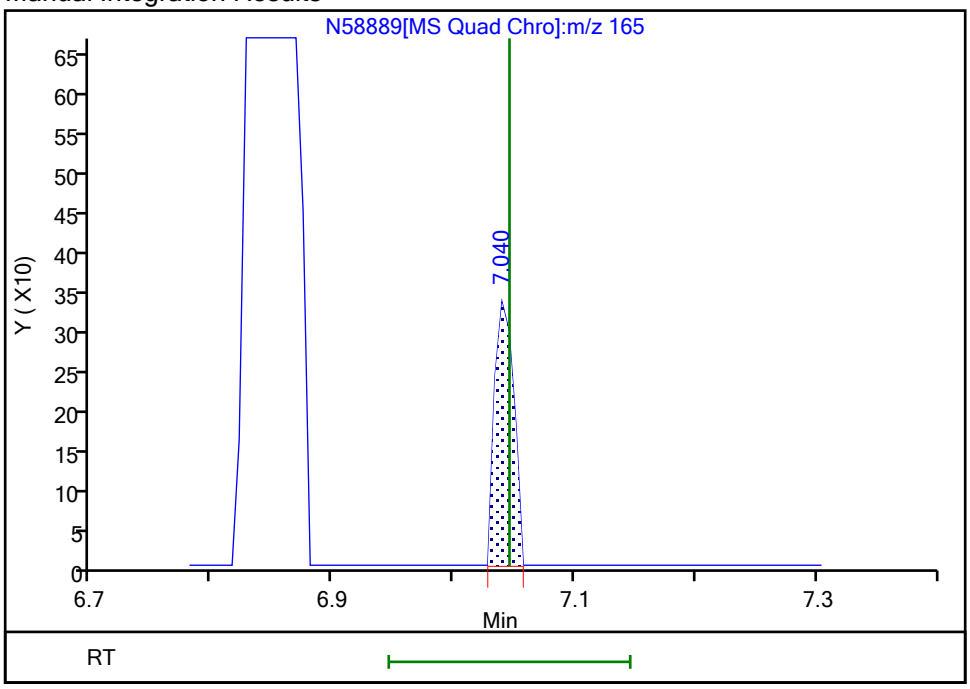
Not Detected
Expected RT: 7.05

Processing Integration Results




Manual Integration Results

RT: 7.04
Area: 369
Amount: 0.012871
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

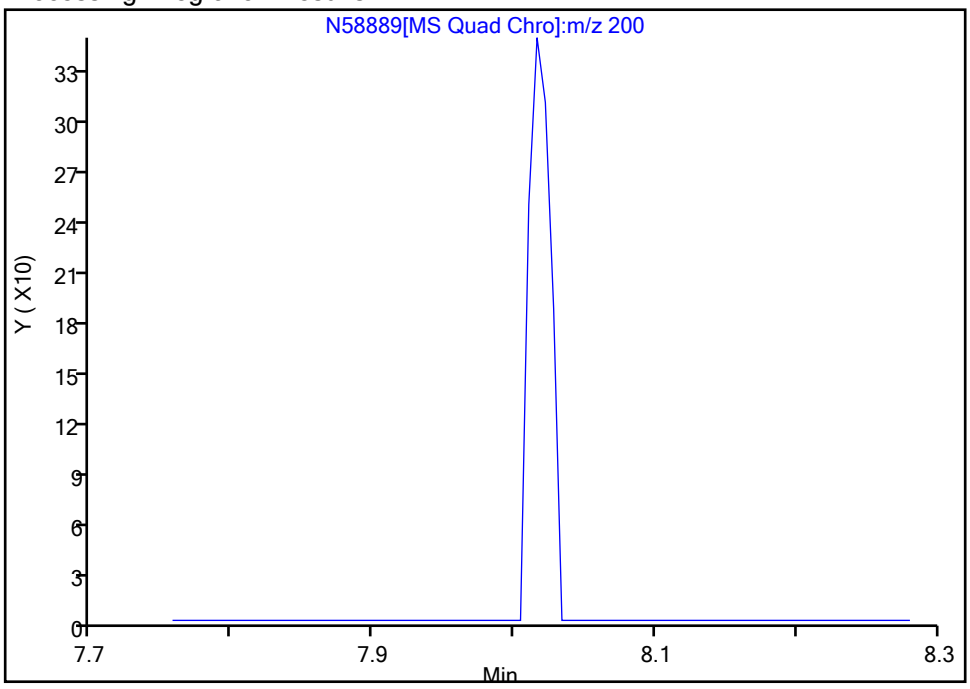
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 83 Atrazine, CAS: 1912-24-9

Signal: 1

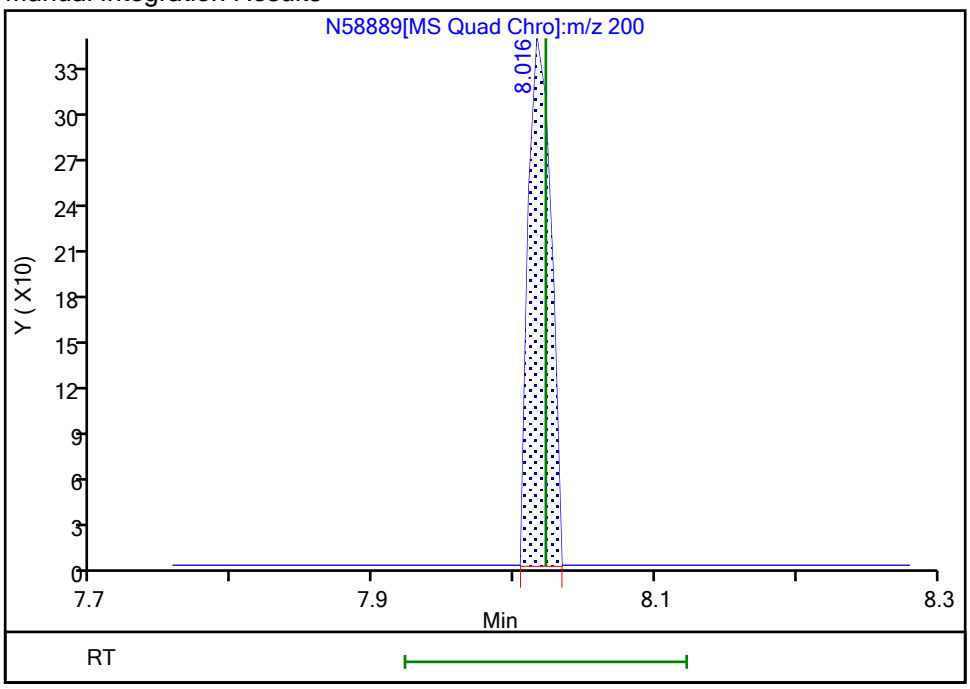
Not Detected
Expected RT: 8.02

Processing Integration Results




Manual Integration Results

RT: 8.02
Area: 379
Amount: 0.014198
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

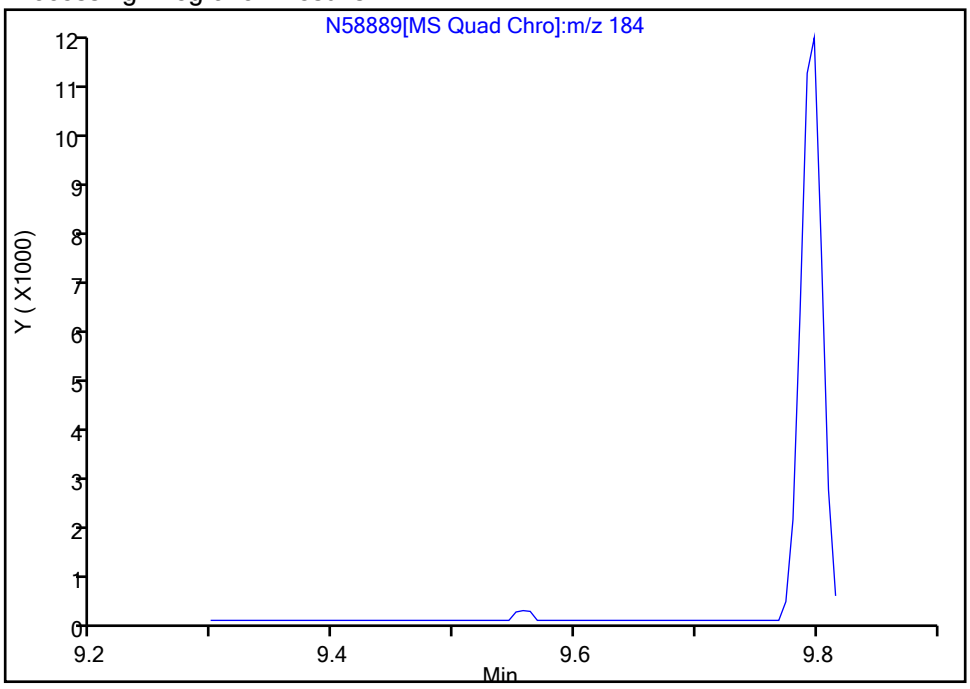
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 93 Benzidine, CAS: 92-87-5

Signal: 1

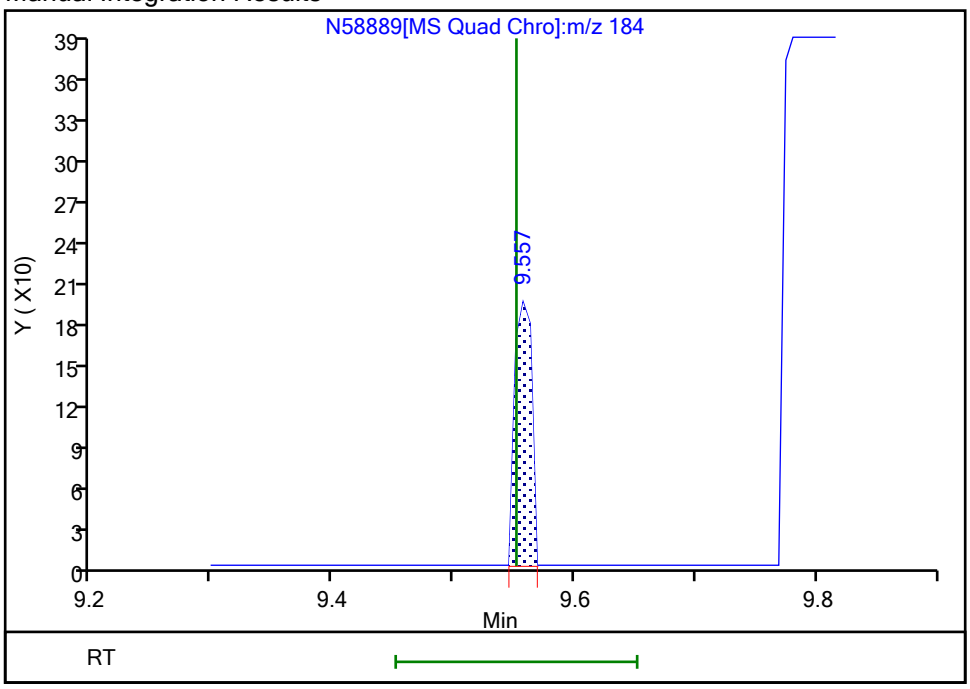
Not Detected
Expected RT: 9.55

Processing Integration Results




Manual Integration Results

RT: 9.56
Area: 191
Amount: 0.028425
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

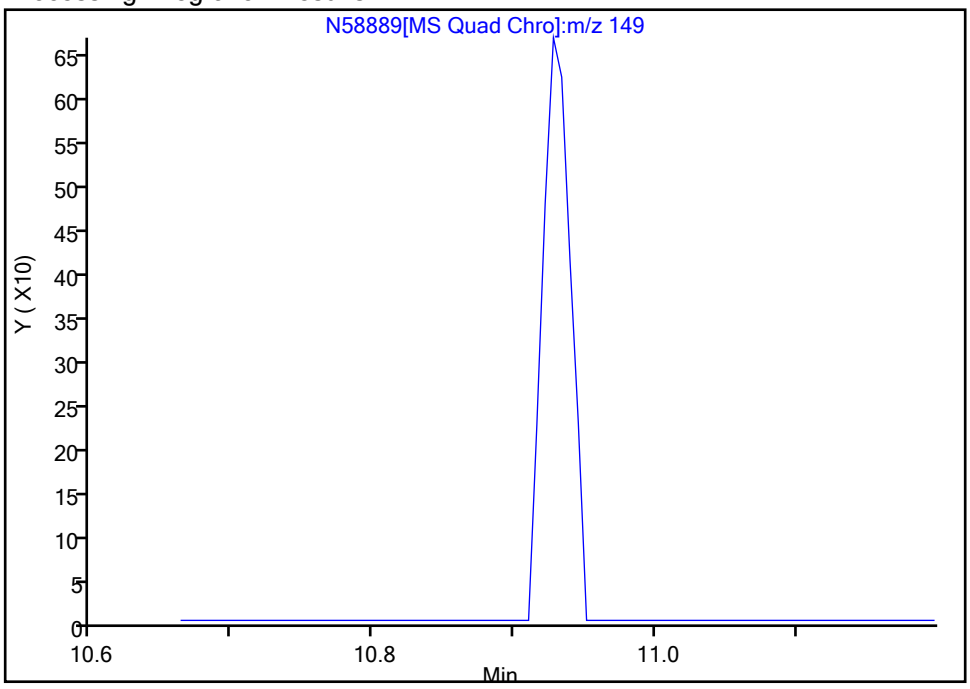
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 103 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

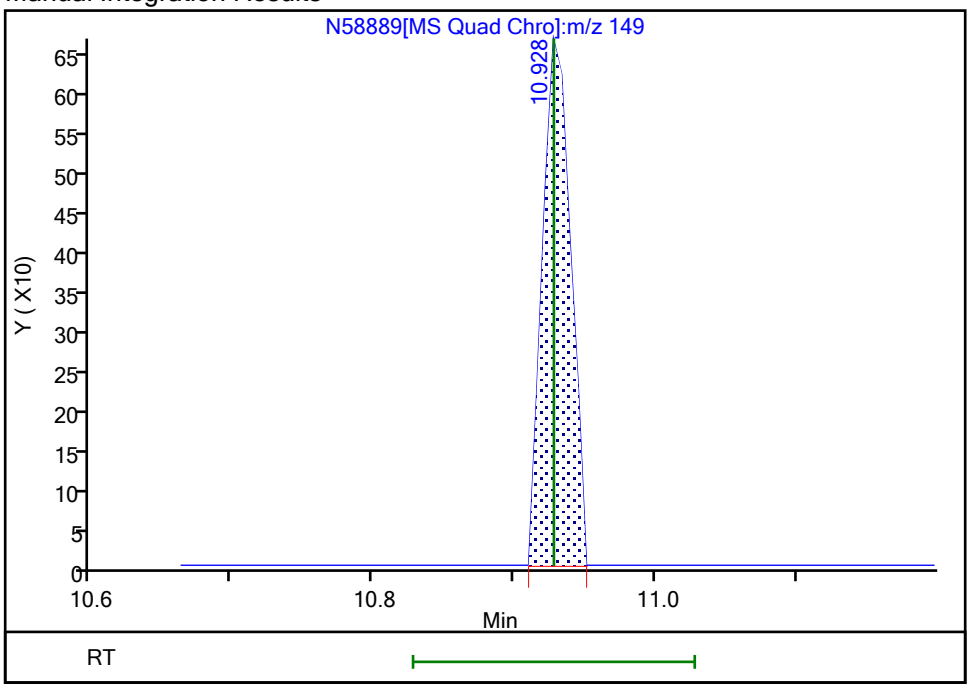
Not Detected
Expected RT: 10.93

Processing Integration Results




Manual Integration Results

RT: 10.93
Area: 925
Amount: 0.016174
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:00:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

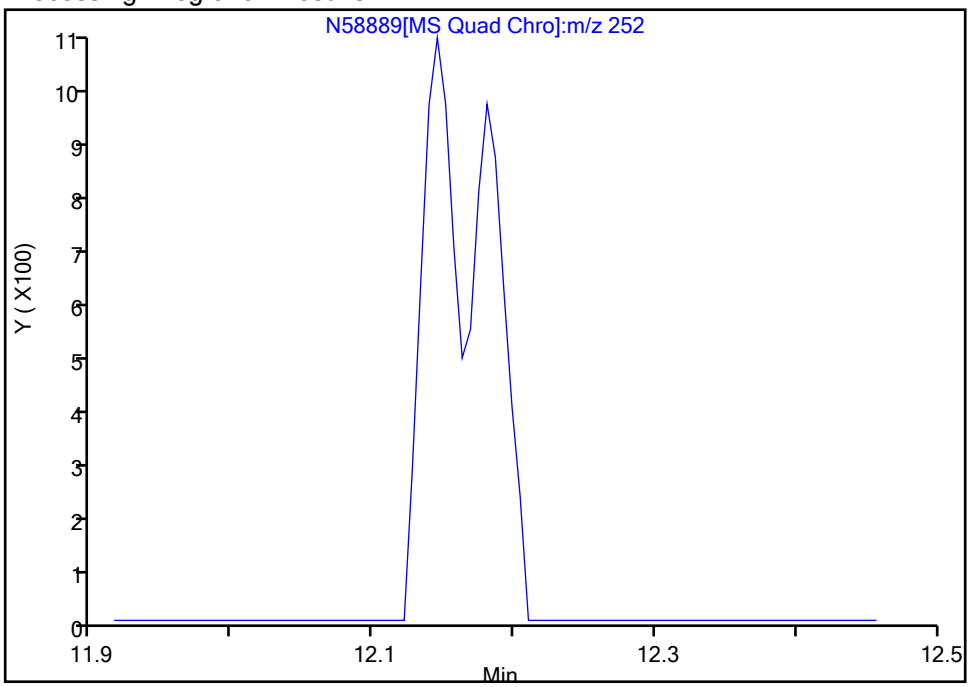
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

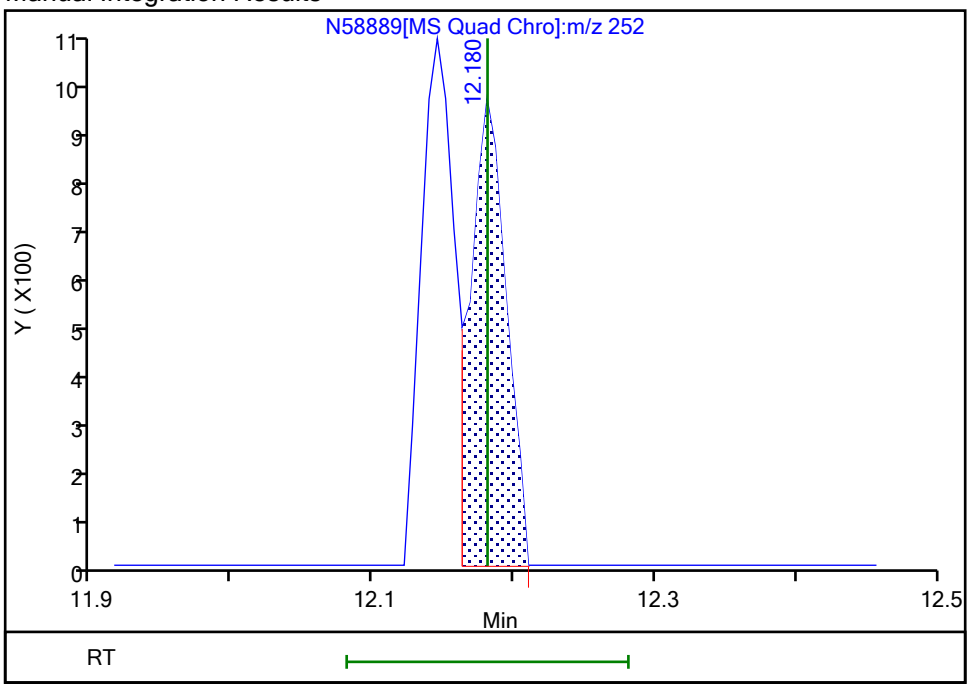
Not Detected
Expected RT: 12.18

Processing Integration Results




Manual Integration Results

RT: 12.18
Area: 1626
Amount: 0.020277
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:01:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

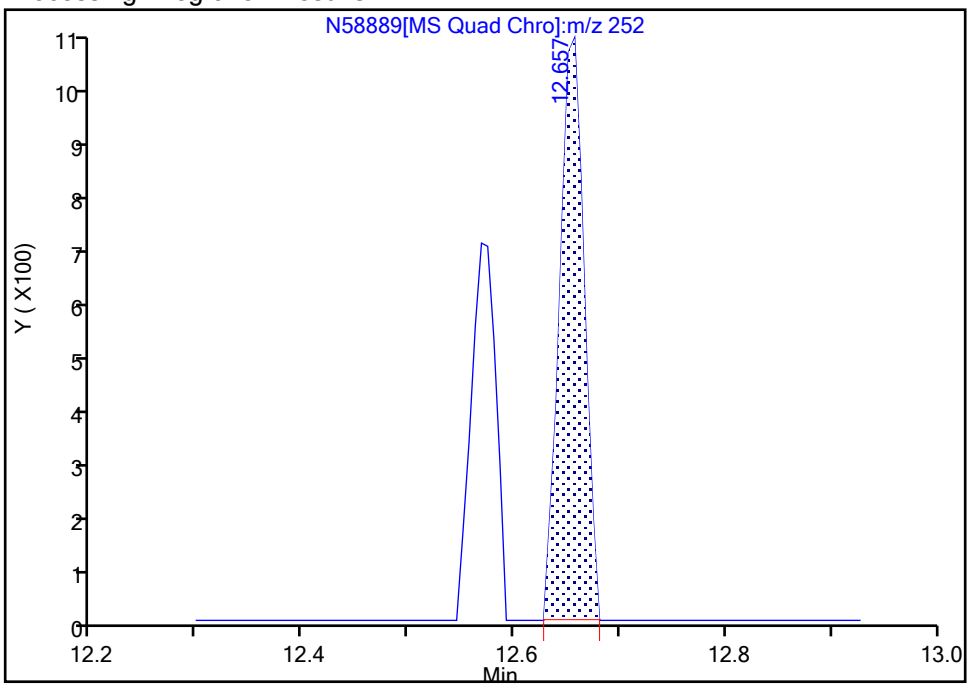
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

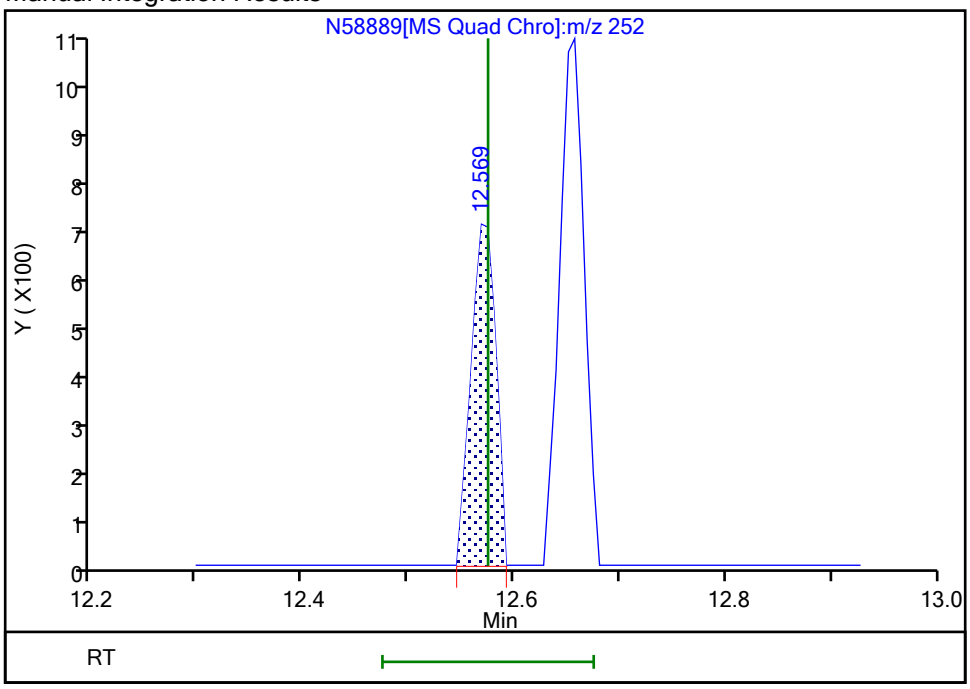
Processing Integration Results

RT: 12.66
Area: 1744
Amount: 0.025337
Amount Units: ug/ml




Manual Integration Results

RT: 12.57
Area: 1140
Amount: 0.017381
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:01:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

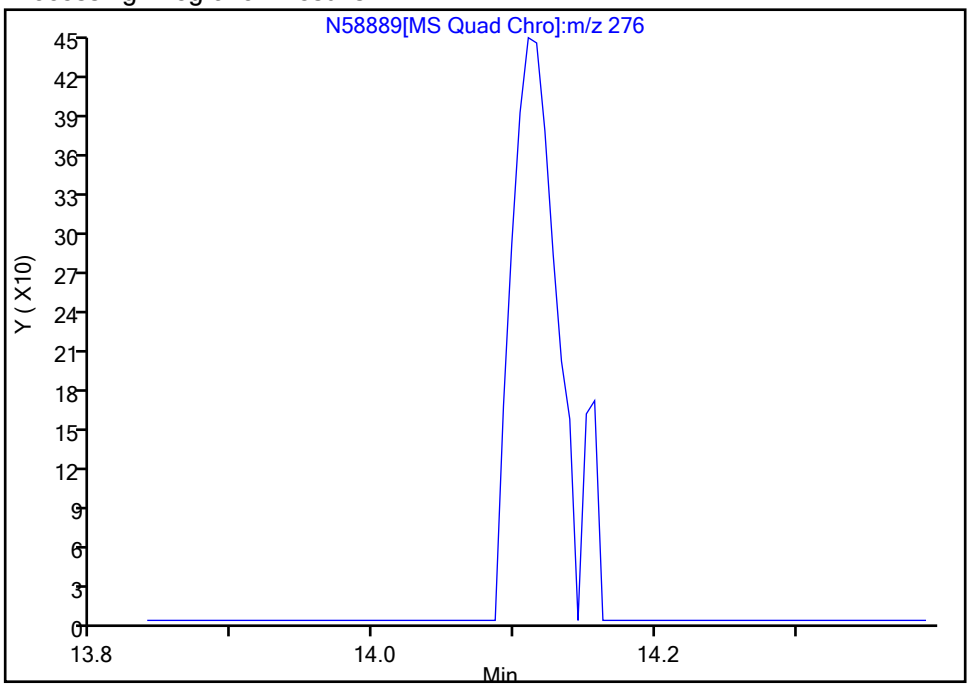
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

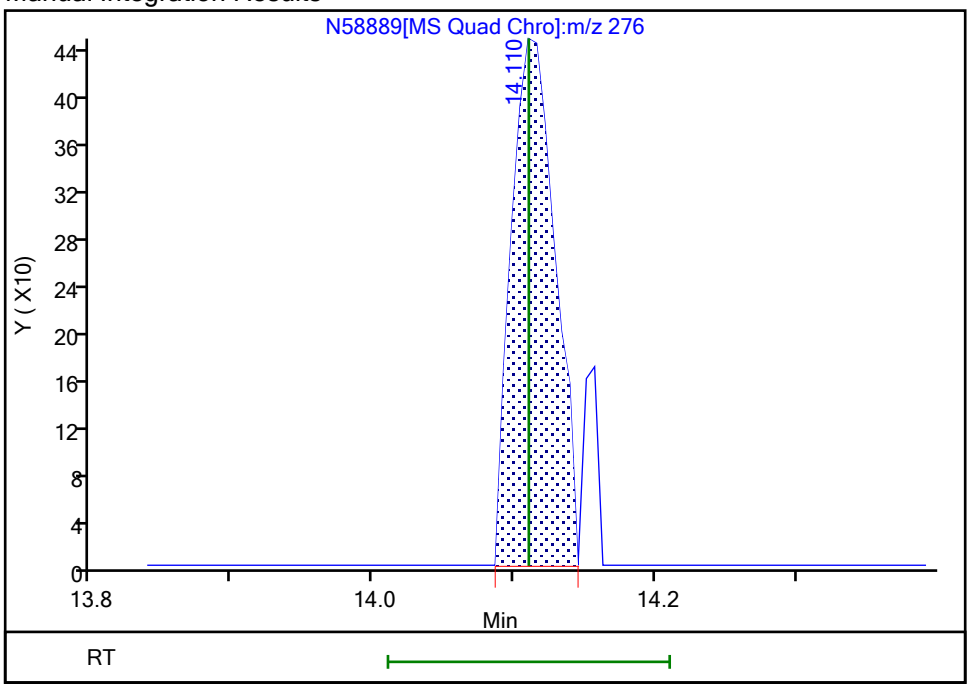
Not Detected
Expected RT: 14.11

Processing Integration Results




Manual Integration Results

RT: 14.11
Area: 959
Amount: 0.015077
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:01:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

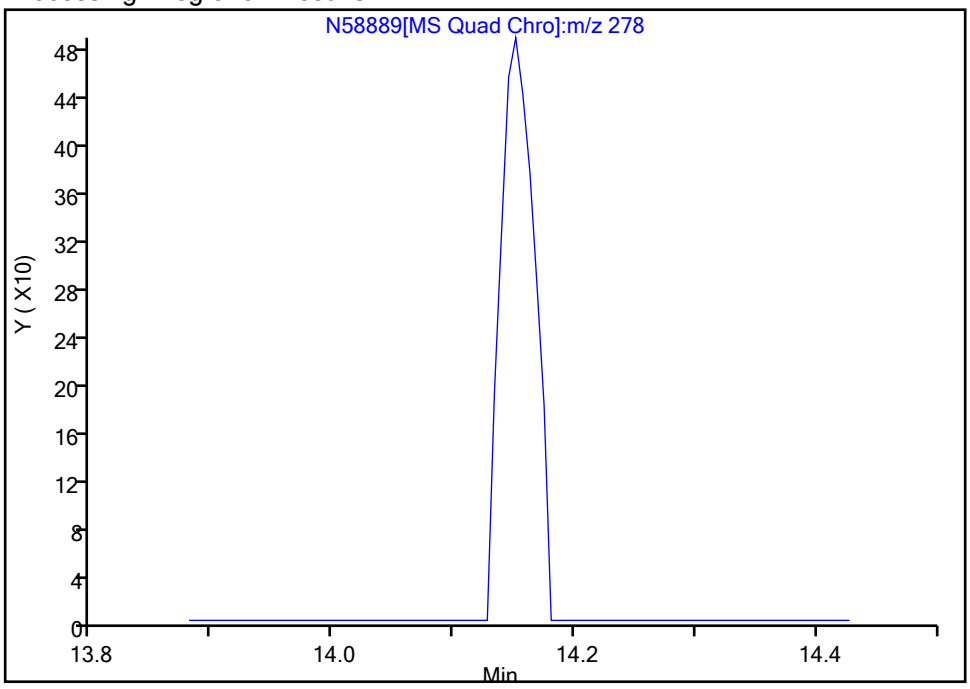
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

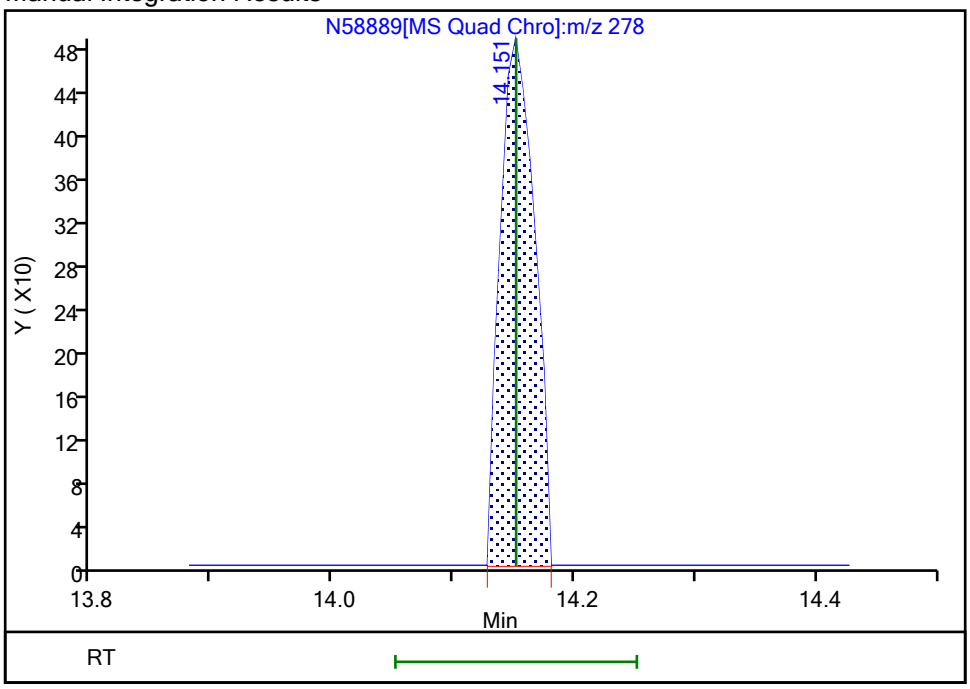
Not Detected
Expected RT: 14.15

Processing Integration Results




Manual Integration Results

RT: 14.15
Area: 957
Amount: 0.015129
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:01:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

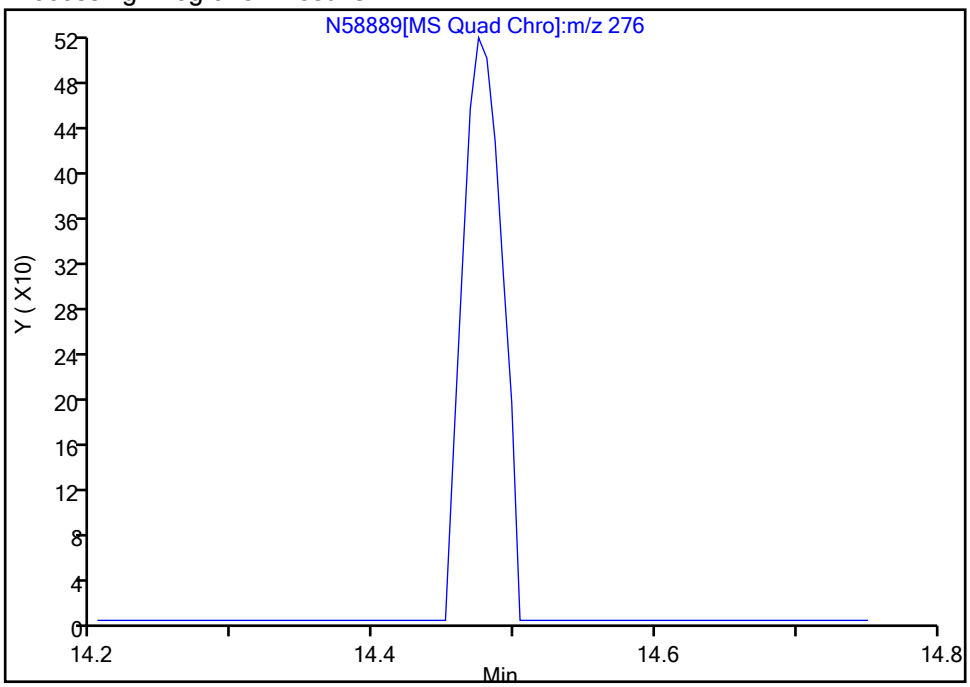
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d
Injection Date: 21-Jun-2025 13:44:21 Instrument ID: CBNAMS14
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 112 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

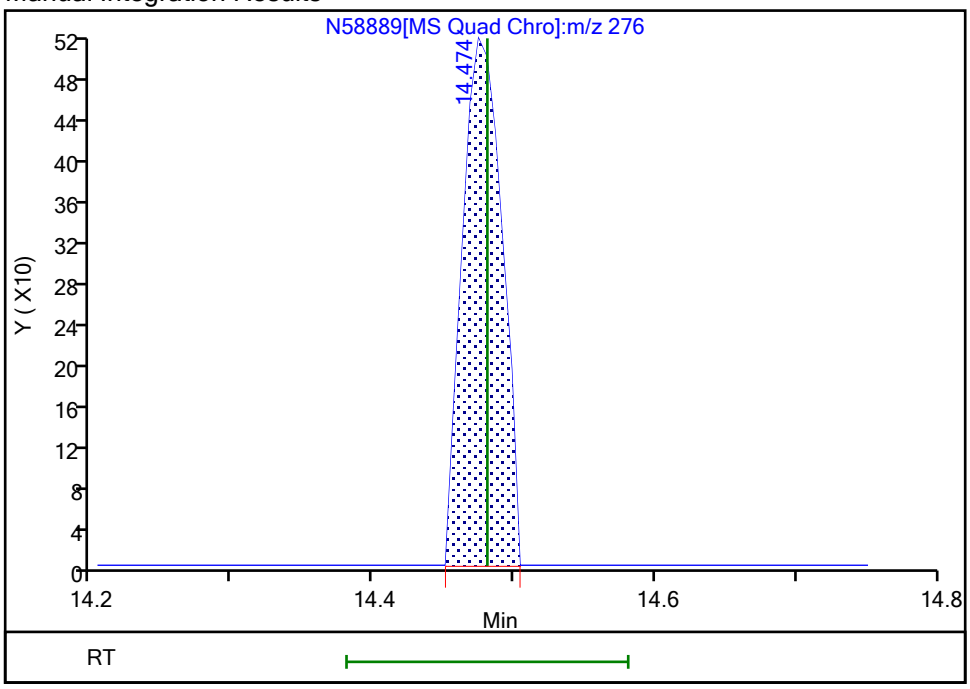
Not Detected
Expected RT: 14.48

Processing Integration Results




Manual Integration Results

RT: 14.47
Area: 997
Amount: 0.015985
Amount Units: ug/ml




Reviewer: G4KC, 23-Jun-2025 05:01:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

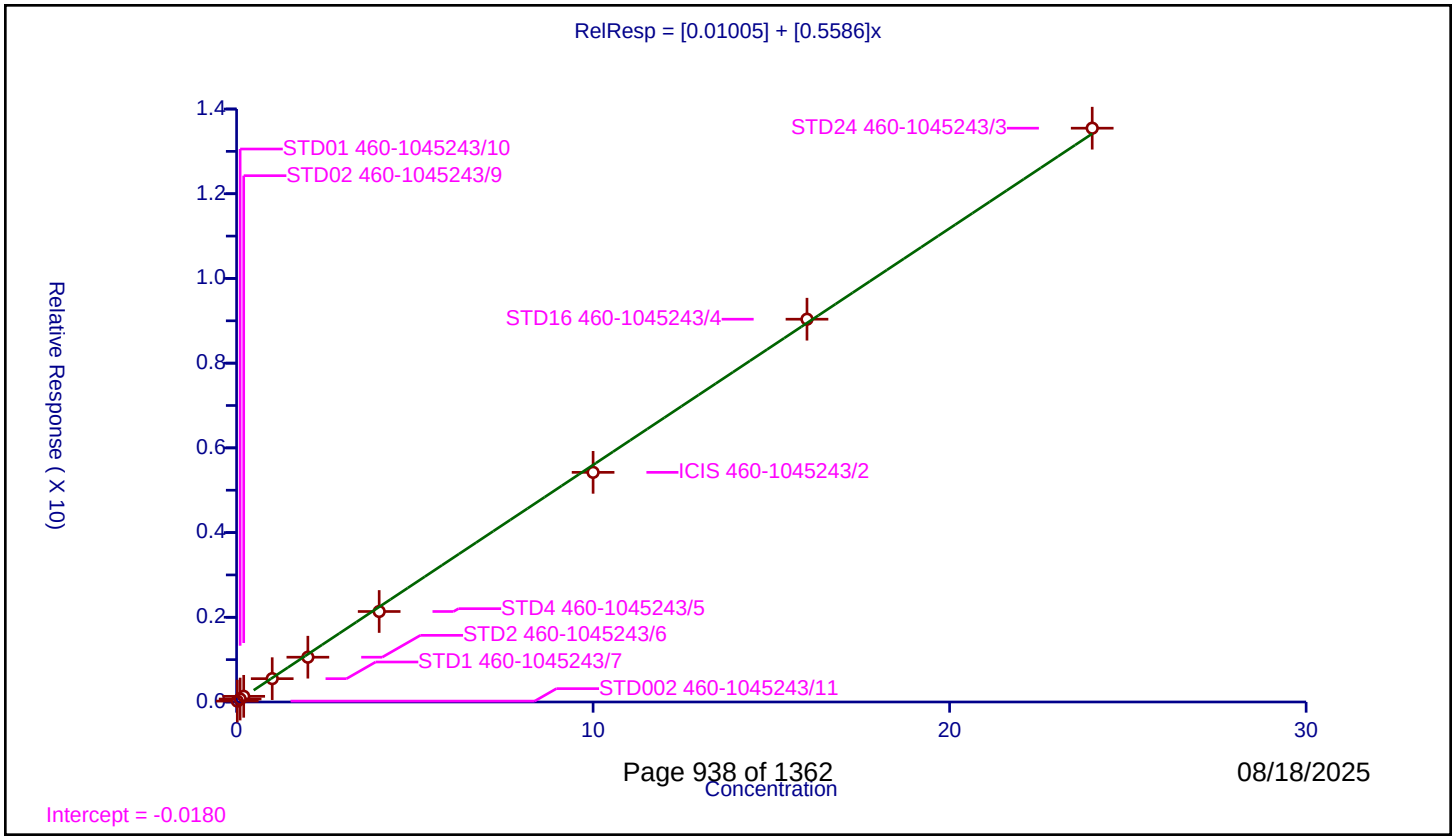
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.01005 |
| **Slope:** | 0.5586 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.020959 | 8.0 | 371012.0 | 1.047945 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.069859 | 8.0 | 385804.0 | 0.698593 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.133682 | 8.0 | 380903.0 | 0.668412 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.550896 | 8.0 | 391217.0 | 0.550896 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 1.057361 | 8.0 | 442914.0 | 0.528681 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 2.136572 | 8.0 | 415795.0 | 0.534143 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 5.421661 | 8.0 | 339555.0 | 0.542166 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 9.037464 | 8.0 | 376973.0 | 0.564842 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 13.547347 | 8.0 | 336951.0 | 0.564473 | Y |



## Calibration / N-Nitrosodimethylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

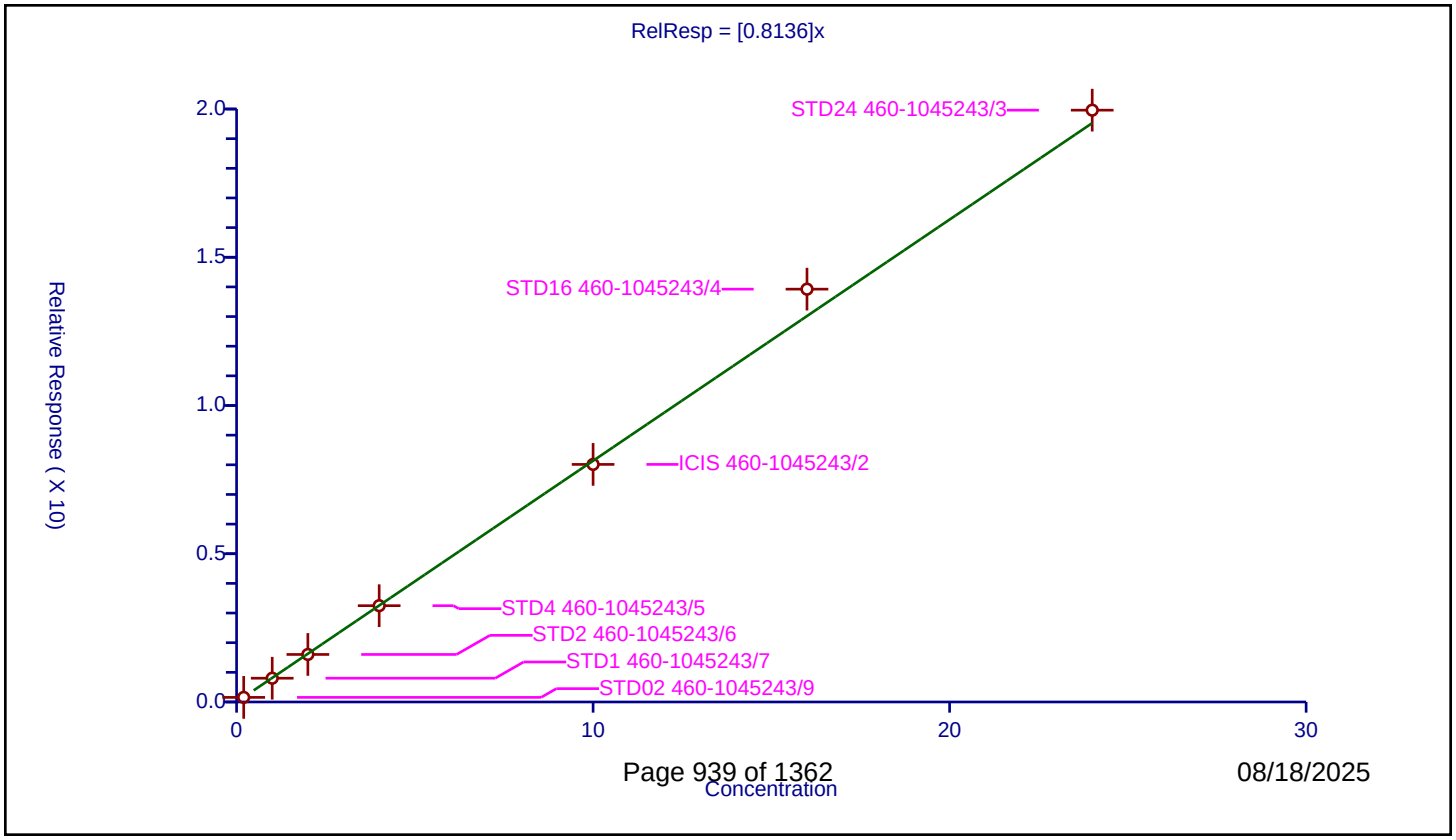
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8136 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.155231 | 8.0 | 380903.0 | 0.776156 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.802051 | 8.0 | 391217.0 | 0.802051 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.602803 | 8.0 | 442914.0 | 0.801402 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 3.247927 | 8.0 | 415795.0 | 0.811982 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 8.013759 | 8.0 | 339555.0 | 0.801376 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 13.923968 | 8.0 | 376973.0 | 0.870248 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 19.961312 | 8.0 | 336951.0 | 0.831721 | Y |



## Calibration / Pyridine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

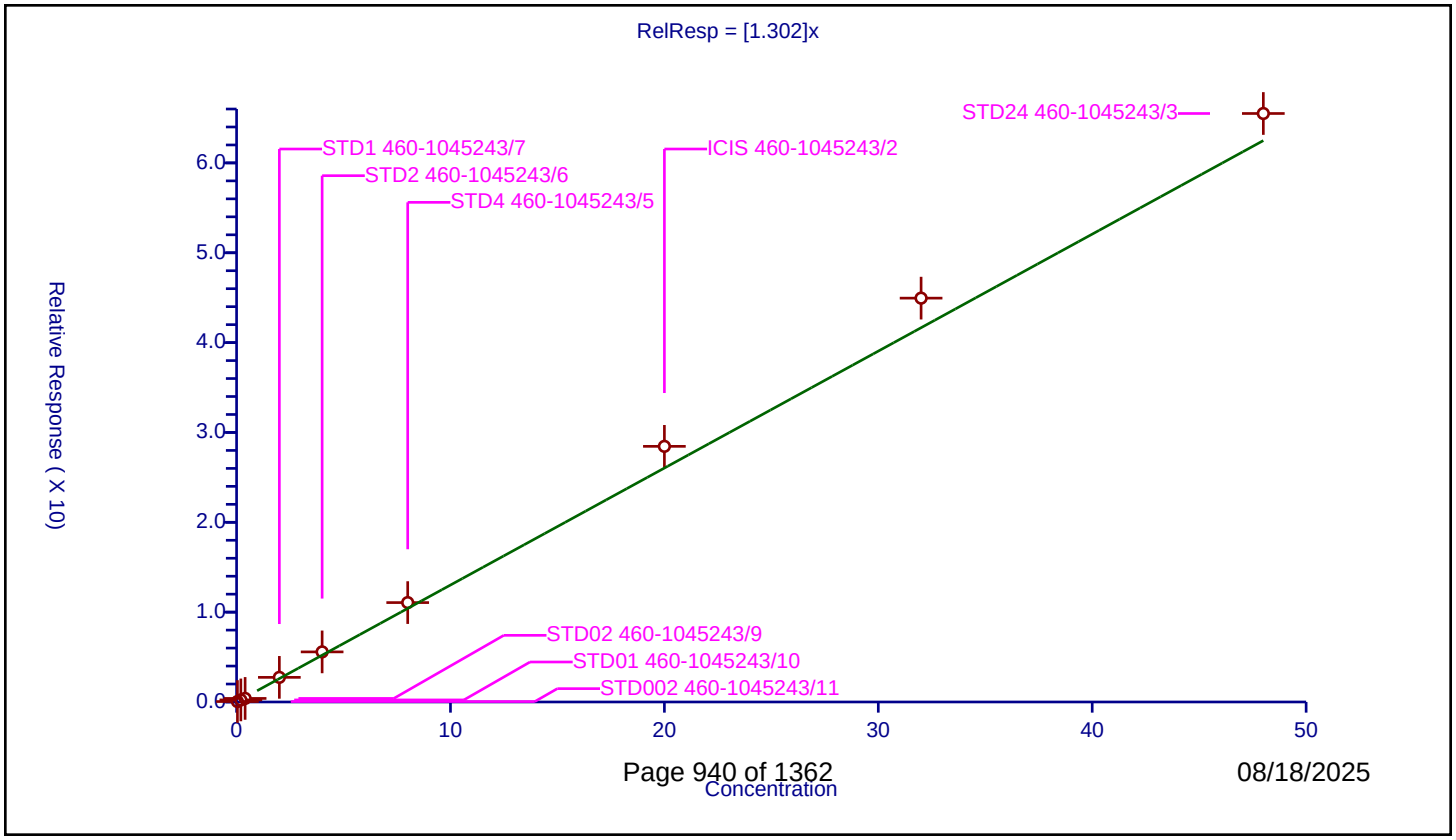
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.302 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.04 | 0.049141 | 8.0 | 371012.0 | 1.228532 | Y |
| 2 | STD01 460-1045243/10 | 0.2 | 0.230832 | 8.0 | 385804.0 | 1.154161 | Y |
| 3 | STD02 460-1045243/9 | 0.4 | 0.397582 | 8.0 | 380903.0 | 0.993954 | Y |
| 4 | STD1 460-1045243/7 | 2.0 | 2.742069 | 8.0 | 391217.0 | 1.371034 | Y |
| 5 | STD2 460-1045243/6 | 4.0 | 5.574482 | 8.0 | 442914.0 | 1.39362 | Y |
| 6 | STD4 460-1045243/5 | 8.0 | 11.064472 | 8.0 | 415795.0 | 1.383059 | Y |
| 7 | ICIS 460-1045243/2 | 20.0 | 28.452698 | 8.0 | 339555.0 | 1.422635 | Y |
| 8 | STD16 460-1045243/4 | 32.0 | 44.949171 | 8.0 | 376973.0 | 1.404662 | Y |
| 9 | STD24 460-1045243/3 | 48.0 | 65.500183 | 8.0 | 336951.0 | 1.364587 | Y |



## Calibration / 2-Fluorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

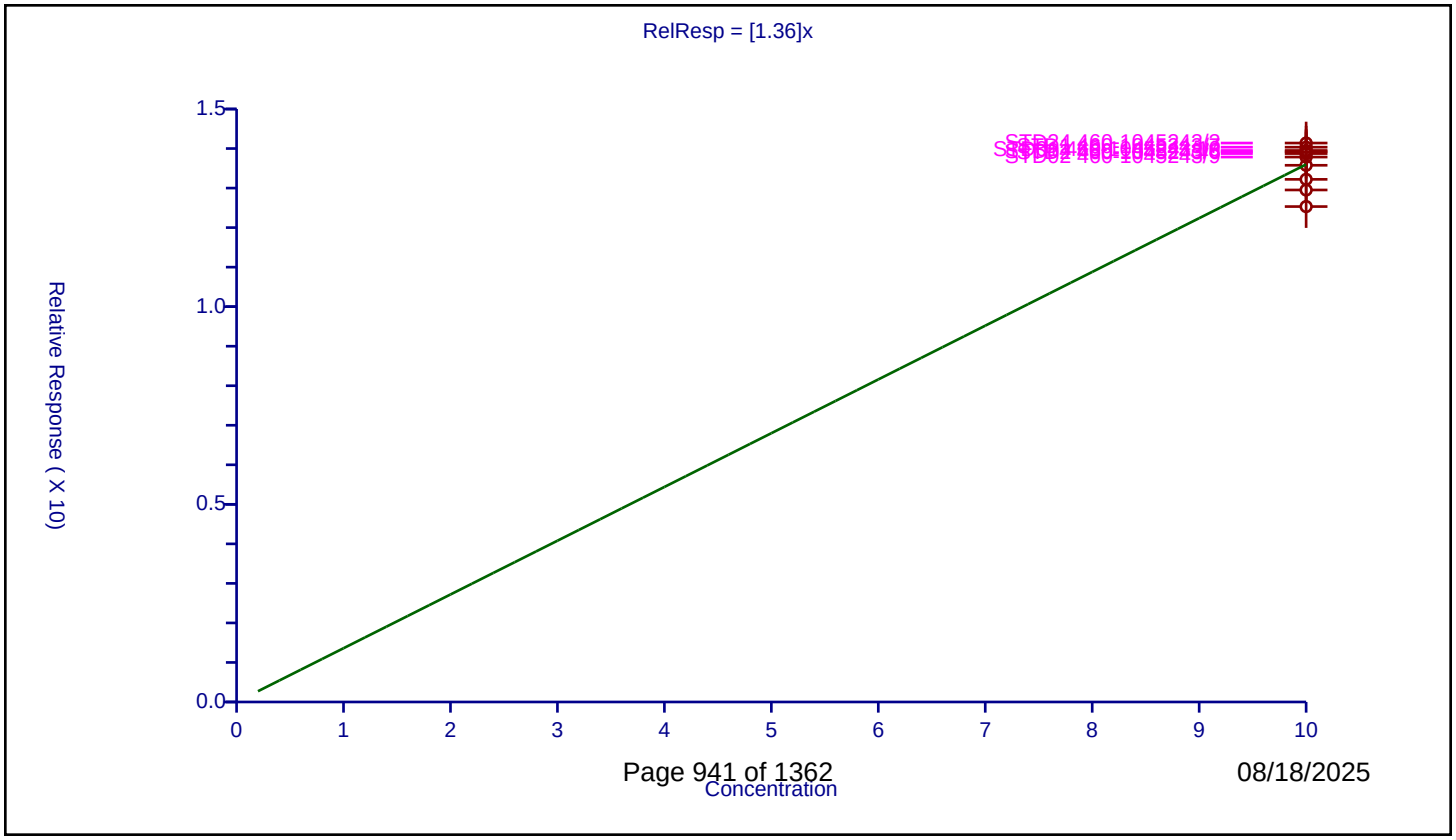
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.36 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1045243/2 | 10.0 | 12.532191 | 8.0 | 339555.0 | 1.253219 | Y |
| 2 | STD24 460-1045243/3 | 10.0 | 14.139314 | 8.0 | 336951.0 | 1.413931 | Y |
| 3 | STD16 460-1045243/4 | 10.0 | 12.952227 | 8.0 | 376973.0 | 1.295223 | Y |
| 4 | STD4 460-1045243/5 | 10.0 | 13.576671 | 8.0 | 415795.0 | 1.357667 | Y |
| 5 | STD2 460-1045243/6 | 10.0 | 13.873122 | 8.0 | 442914.0 | 1.387312 | Y |
| 6 | STD1 460-1045243/7 | 10.0 | 14.034073 | 8.0 | 391217.0 | 1.403407 | Y |
| 7 | STD04 460-1045243/8 | 10.0 | 13.919603 | 8.0 | 380635.0 | 1.39196 | Y |
| 8 | STD02 460-1045243/9 | 10.0 | 13.784507 | 8.0 | 380903.0 | 1.378451 | Y |
| 9 | STD01 460-1045243/10 | 10.0 | 13.951084 | 8.0 | 385804.0 | 1.395108 | Y |
| 10 | STD002 460-1045243/11 | 10.0 | 13.220209 | 8.0 | 371012.0 | 1.322021 | Y |



## Calibration / Benzaldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

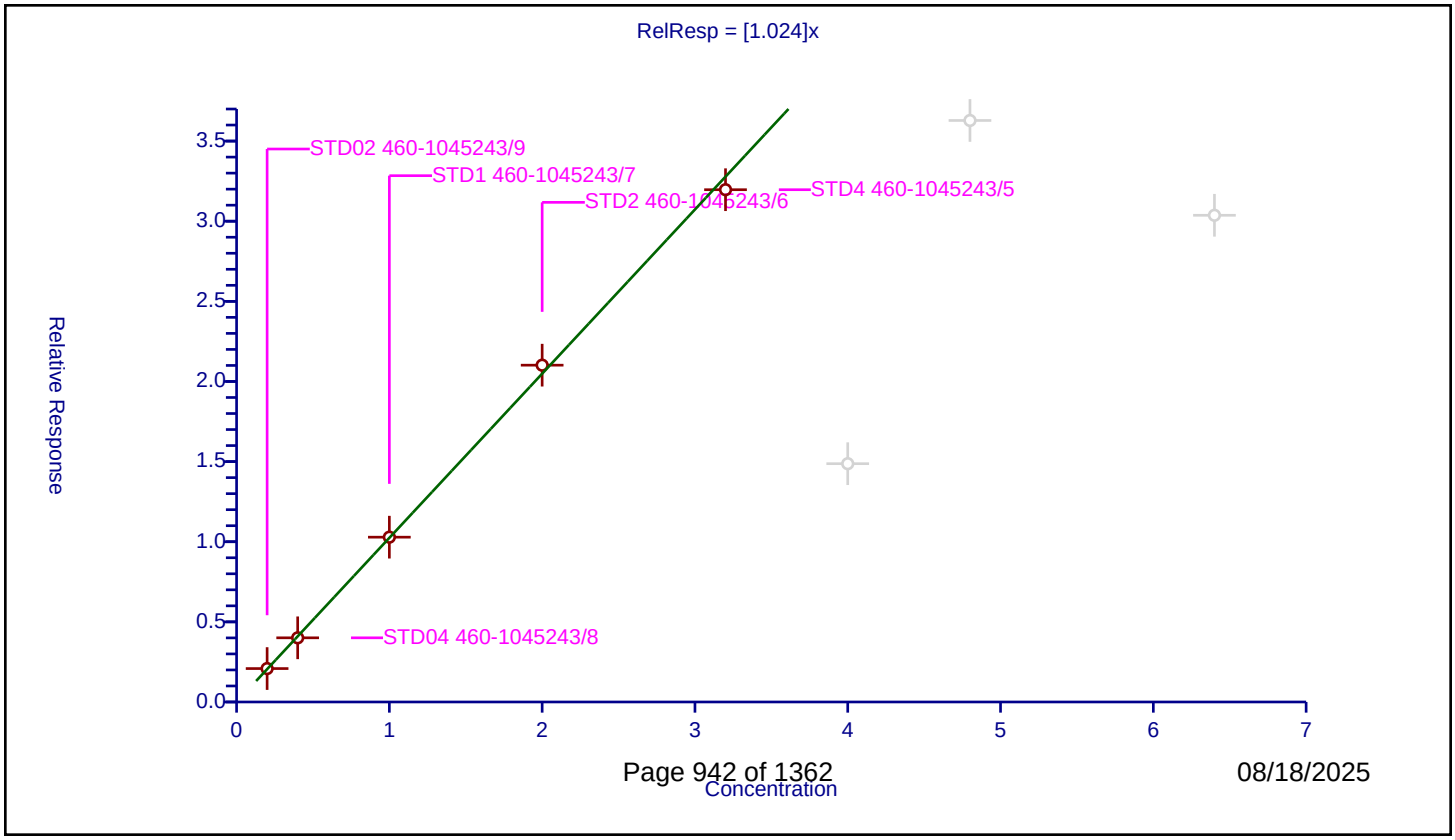
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.024 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.208515 | 8.0 | 380903.0 | 1.042575 | Y |
| 2 | STD04 460-1045243/8 | 0.4 | 0.400342 | 8.0 | 380635.0 | 1.000854 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 1.028442 | 8.0 | 391217.0 | 1.028442 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 2.101645 | 8.0 | 442914.0 | 1.050823 | Y |
| 5 | STD4 460-1045243/5 | 3.2 | 3.196537 | 8.0 | 415795.0 | 0.998918 | Y |
| 6 | ICIS 460-1045243/2 | 4.0 | 1.486958 | 8.0 | 339555.0 | 0.371739 | N |
| 7 | STD16 460-1045243/4 | 4.8 | 3.628419 | 8.0 | 376973.0 | 0.755921 | N |
| 8 | STD24 460-1045243/3 | 6.4 | 3.036976 | 8.0 | 336951.0 | 0.474527 | N |






08/18/2025

## Calibration / Phenol-d5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

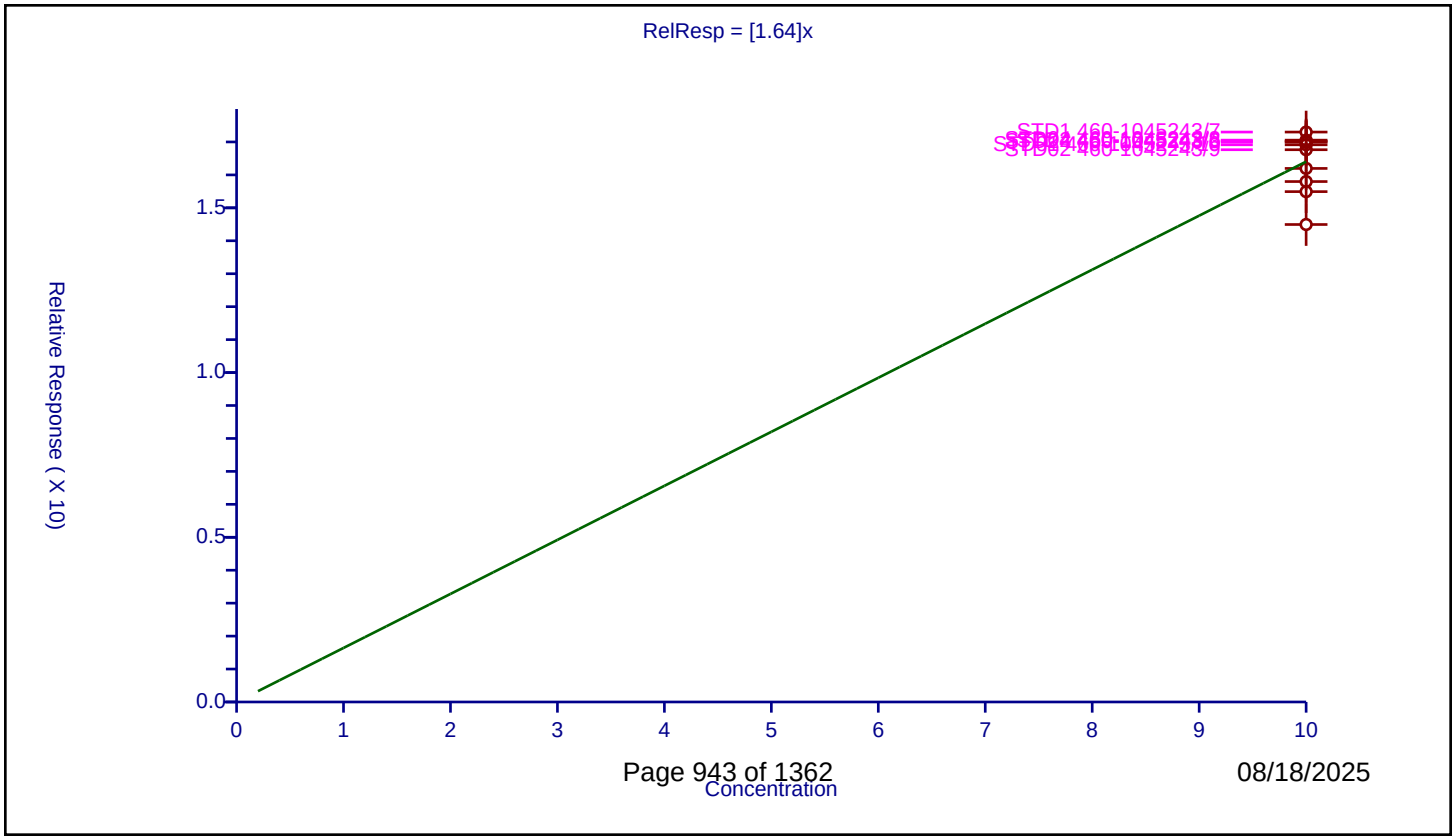
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.64 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1045243/2 | 10.0 | 14.494406 | 8.0 | 339555.0 | 1.449441 | Y |
| 2 | STD24 460-1045243/3 | 10.0 | 16.993379 | 8.0 | 336951.0 | 1.699338 | Y |
| 3 | STD16 460-1045243/4 | 10.0 | 15.491953 | 8.0 | 376973.0 | 1.549195 | Y |
| 4 | STD4 460-1045243/5 | 10.0 | 16.196462 | 8.0 | 415795.0 | 1.619646 | Y |
| 5 | STD2 460-1045243/6 | 10.0 | 17.018292 | 8.0 | 442914.0 | 1.701829 | Y |
| 6 | STD1 460-1045243/7 | 10.0 | 17.300537 | 8.0 | 391217.0 | 1.730054 | Y |
| 7 | STD04 460-1045243/8 | 10.0 | 17.055373 | 8.0 | 380635.0 | 1.705537 | Y |
| 8 | STD02 460-1045243/9 | 10.0 | 16.763575 | 8.0 | 380903.0 | 1.676357 | Y |
| 9 | STD01 460-1045243/10 | 10.0 | 16.914039 | 8.0 | 385804.0 | 1.691404 | Y |
| 10 | STD002 460-1045243/11 | 10.0 | 15.798174 | 8.0 | 371012.0 | 1.579817 | Y |



## Calibration / Phenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

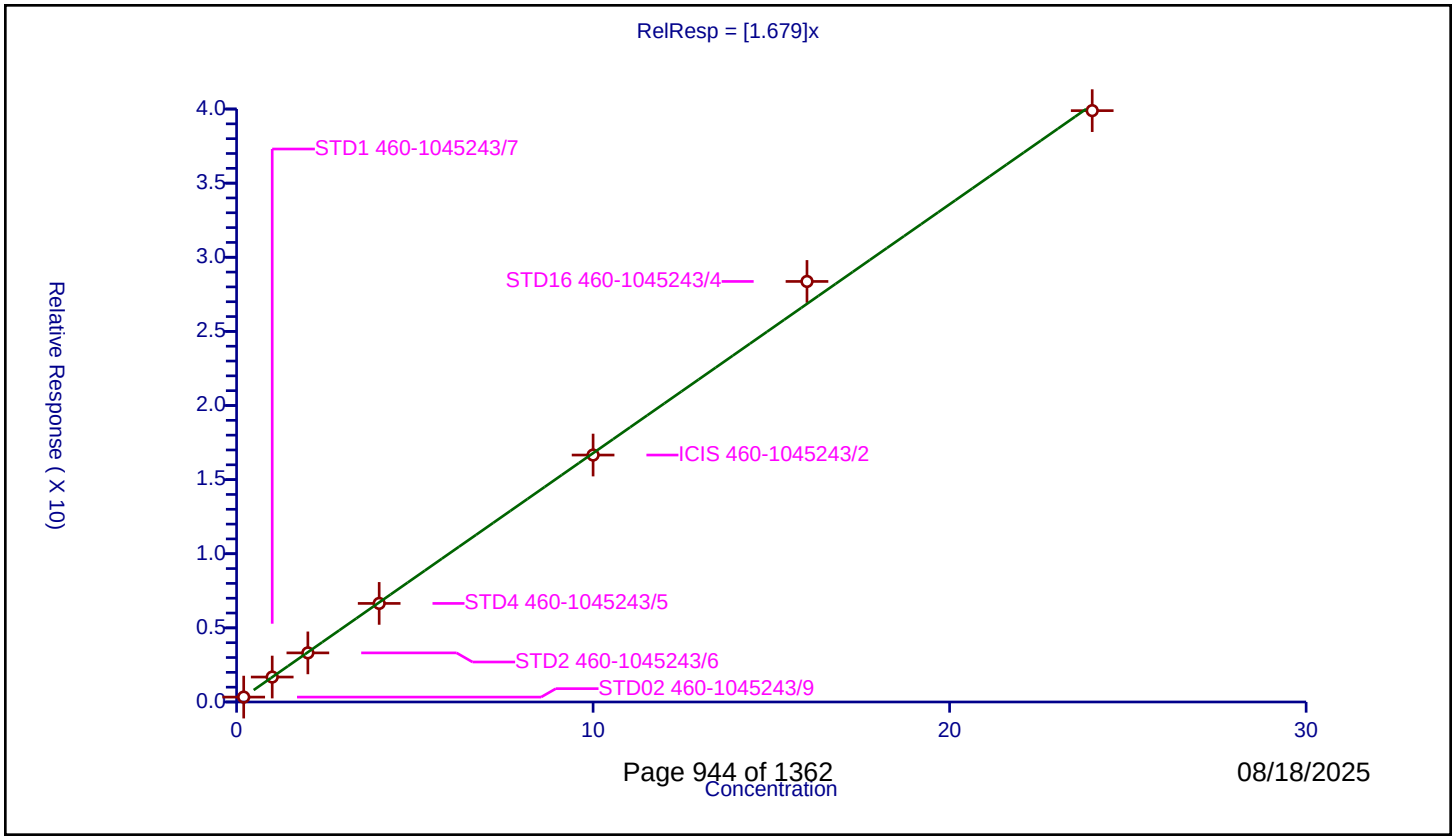
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.679 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.329743 | 8.0 | 380903.0 | 1.648714 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.682135 | 8.0 | 391217.0 | 1.682135 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 3.312462 | 8.0 | 442914.0 | 1.656231 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 6.649777 | 8.0 | 415795.0 | 1.662444 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 16.658132 | 8.0 | 339555.0 | 1.665813 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 28.367995 | 8.0 | 376973.0 | 1.773 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 39.890026 | 8.0 | 336951.0 | 1.662084 | Y |



## Calibration / Aniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

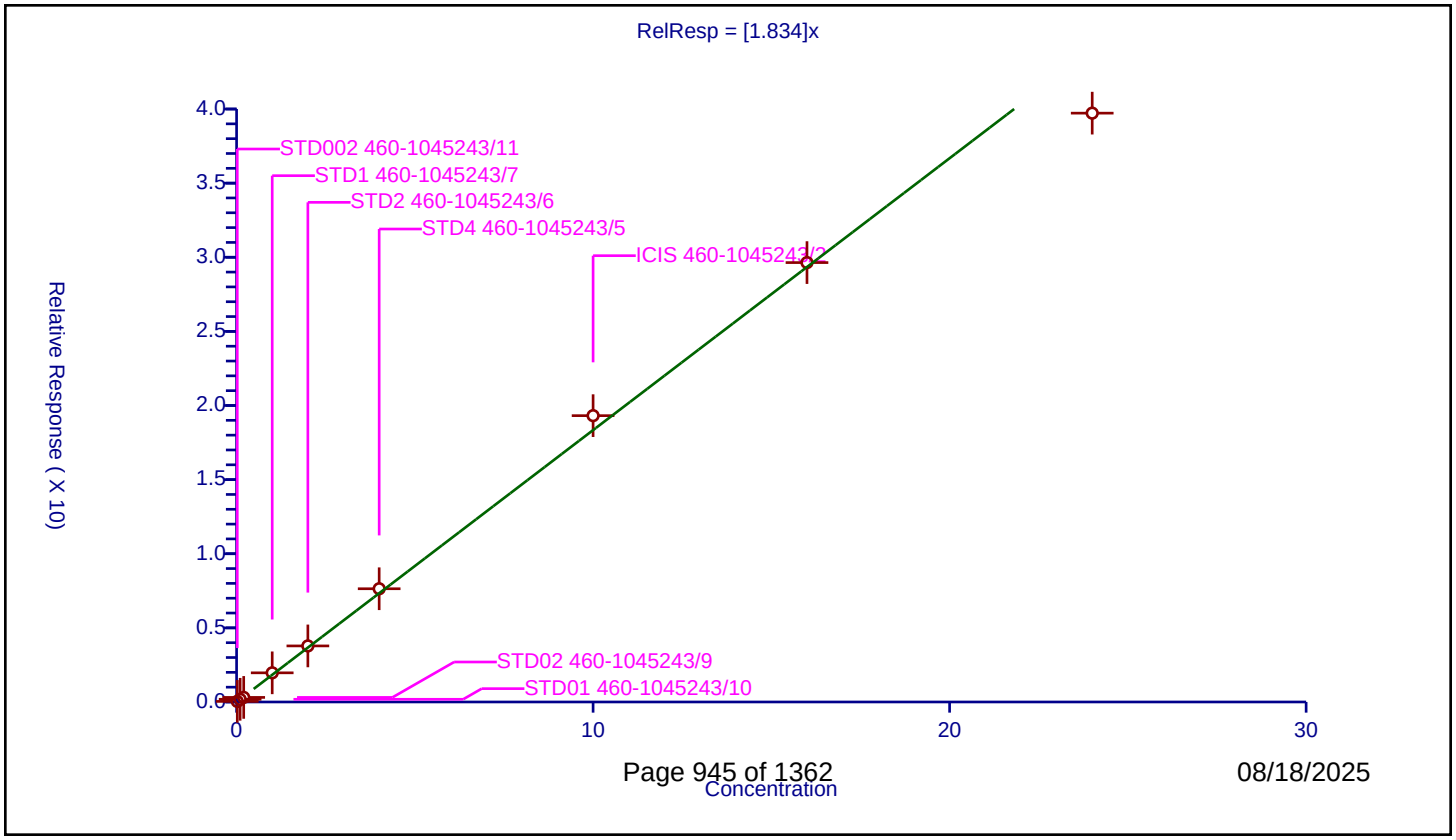
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.834 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.038619 | 8.0 | 371012.0 | 1.930935 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.182372 | 8.0 | 385804.0 | 1.823724 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.308887 | 8.0 | 380903.0 | 1.544435 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.967256 | 8.0 | 391217.0 | 1.967256 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 3.781176 | 8.0 | 442914.0 | 1.890588 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 7.638322 | 8.0 | 415795.0 | 1.90958 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 19.31594 | 8.0 | 339555.0 | 1.931594 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 29.640616 | 8.0 | 376973.0 | 1.852539 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 39.721265 | 8.0 | 336951.0 | 1.655053 | Y |



## Calibration / Bis(2-chloroethyl)ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

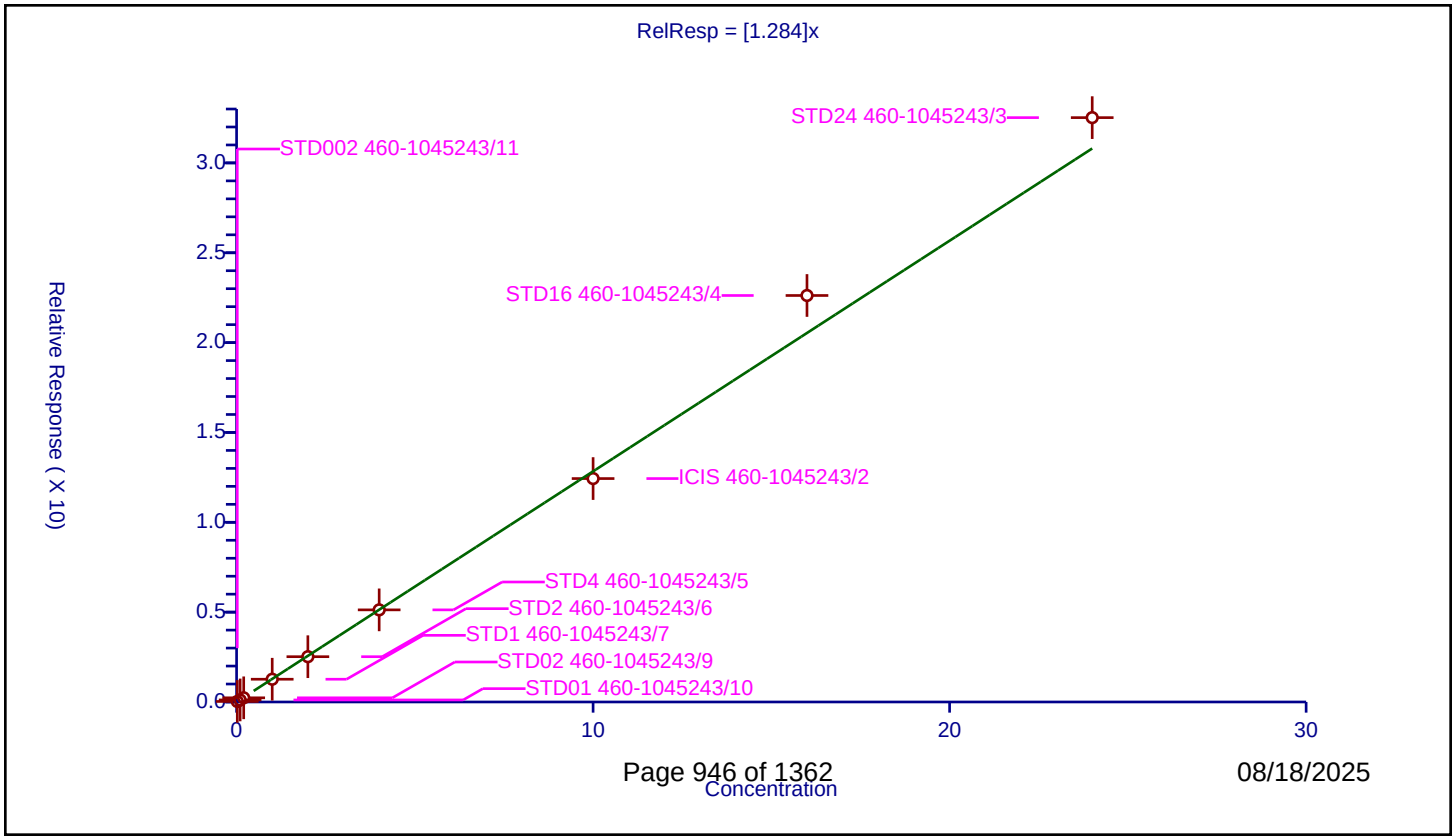
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.284 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.028571 | 8.0 | 371012.0 | 1.428525 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.114089 | 8.0 | 385804.0 | 1.14089 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.23229 | 8.0 | 380903.0 | 1.161451 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.266489 | 8.0 | 391217.0 | 1.266489 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 2.520724 | 8.0 | 442914.0 | 1.260362 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 5.126141 | 8.0 | 415795.0 | 1.281535 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 12.434133 | 8.0 | 339555.0 | 1.243413 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 22.622437 | 8.0 | 376973.0 | 1.413902 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 32.521239 | 8.0 | 336951.0 | 1.355052 | Y |



## Calibration / 2-Chlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

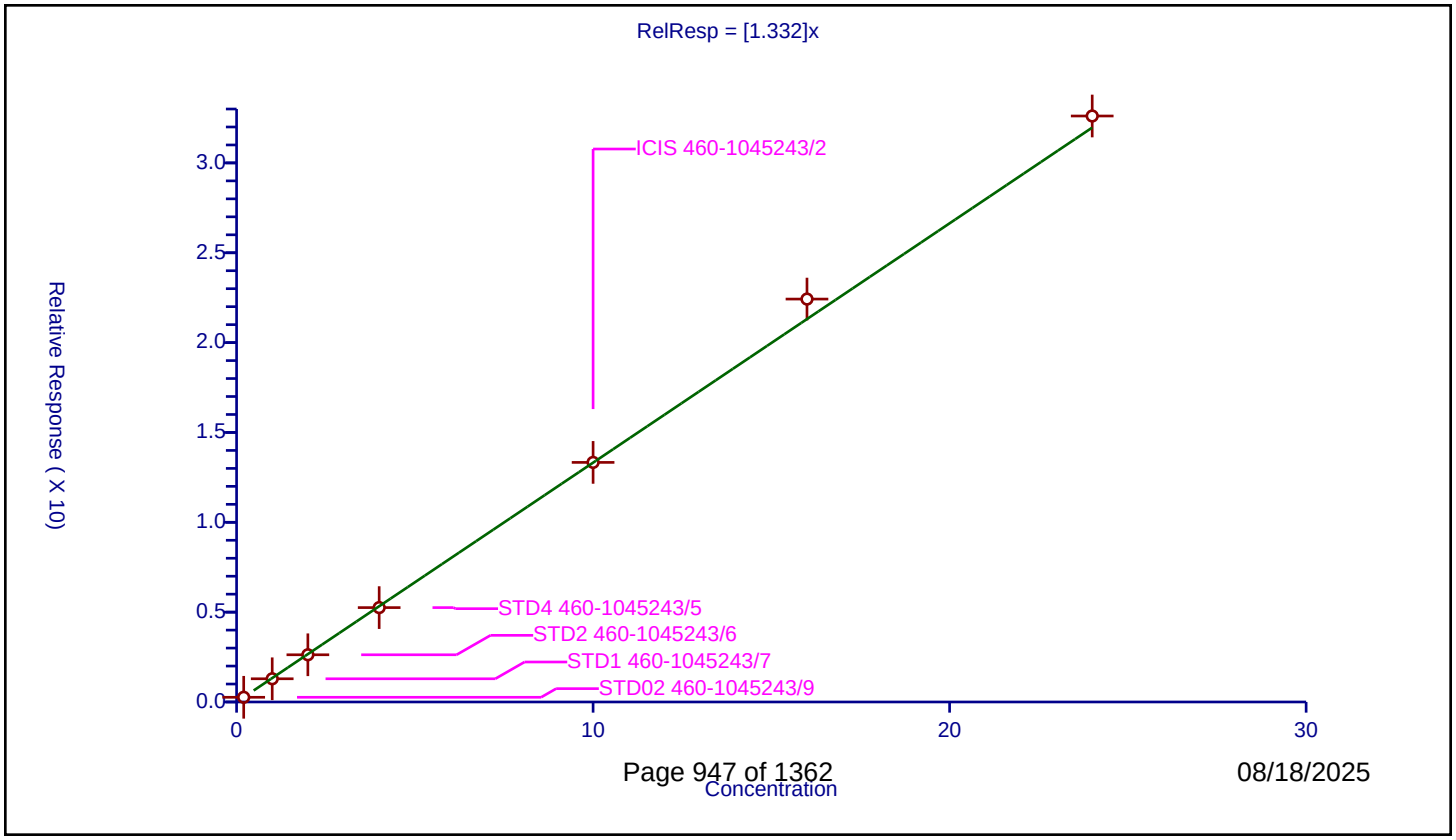
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.332 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.262261 | 8.0 | 380903.0 | 1.311305 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.29158 | 8.0 | 391217.0 | 1.29158 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.627418 | 8.0 | 442914.0 | 1.313709 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 5.252492 | 8.0 | 415795.0 | 1.313123 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 13.334134 | 8.0 | 339555.0 | 1.333413 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 22.423229 | 8.0 | 376973.0 | 1.401452 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 32.611863 | 8.0 | 336951.0 | 1.358828 | Y |



## Calibration / n-Decane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

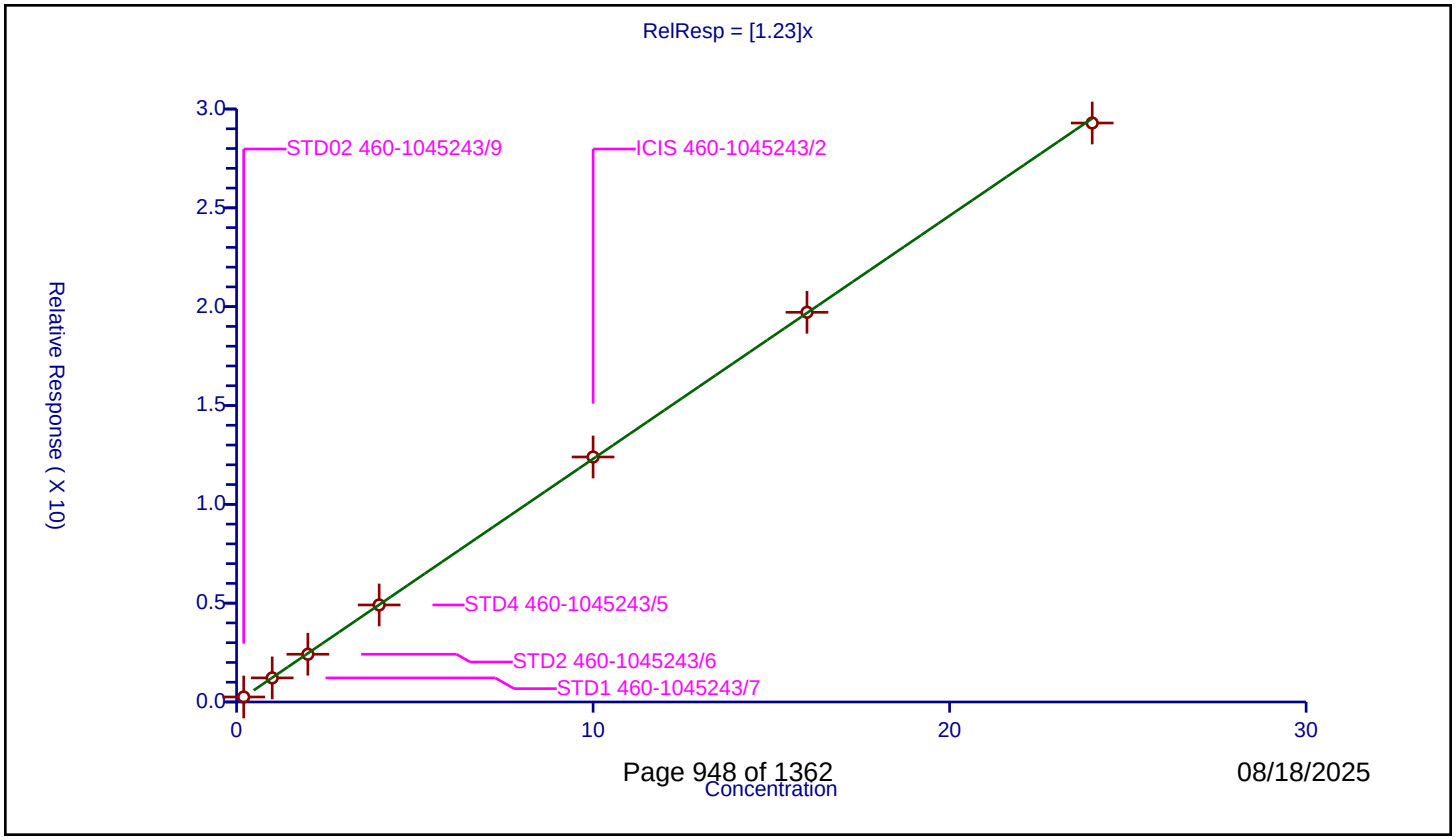
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.23 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.252915 | 8.0 | 380903.0 | 1.264574 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.218925 | 8.0 | 391217.0 | 1.218925 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.414952 | 8.0 | 442914.0 | 1.207476 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.909265 | 8.0 | 415795.0 | 1.227316 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 12.395706 | 8.0 | 339555.0 | 1.239571 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 19.716001 | 8.0 | 376973.0 | 1.23225 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 29.291666 | 8.0 | 336951.0 | 1.220486 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

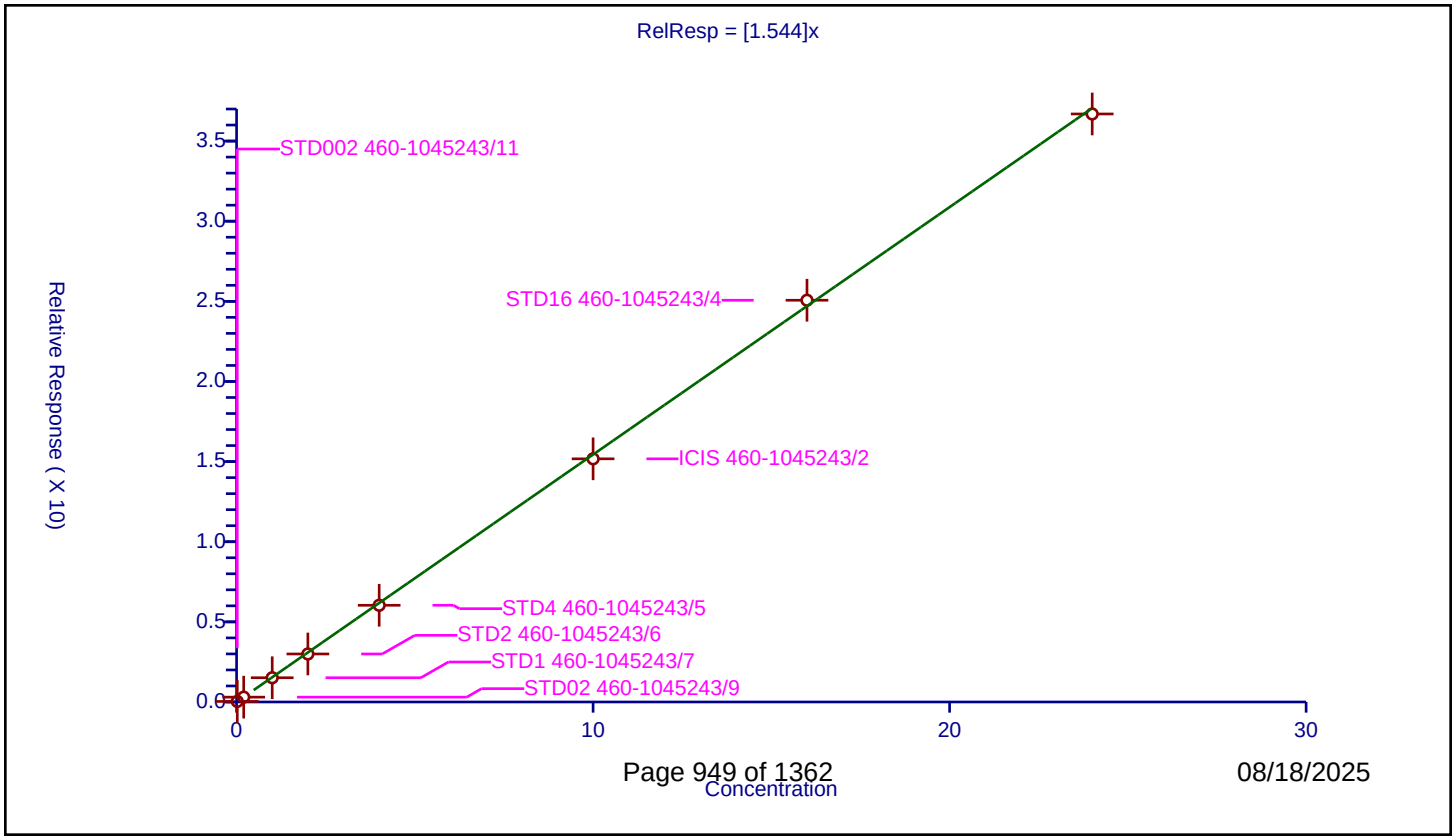
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.544 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.034177 | 8.0 | 371012.0 | 1.70884 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.302061 | 8.0 | 380903.0 | 1.510306 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 1.513124 | 8.0 | 391217.0 | 1.513124 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 2.995742 | 8.0 | 442914.0 | 1.497871 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 6.033781 | 8.0 | 415795.0 | 1.508445 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 15.1732 | 8.0 | 339555.0 | 1.51732 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 25.06762 | 8.0 | 376973.0 | 1.566726 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 36.690842 | 8.0 | 336951.0 | 1.528785 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

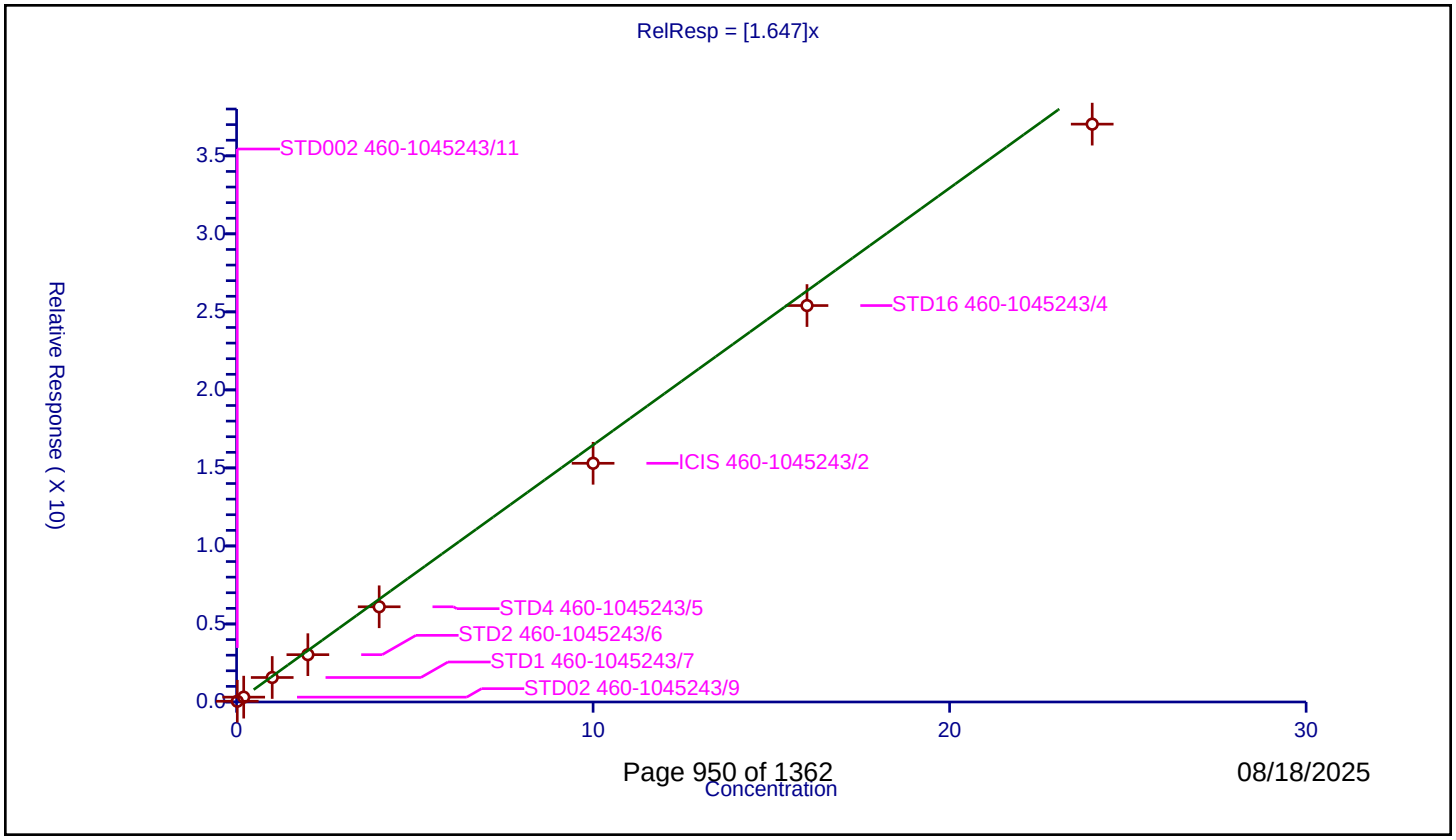
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.647 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.046942 | 8.0 | 371012.0 | 2.347094 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.310861 | 8.0 | 380903.0 | 1.554306 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 1.569605 | 8.0 | 391217.0 | 1.569605 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 3.033221 | 8.0 | 442914.0 | 1.51661 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 6.101045 | 8.0 | 415795.0 | 1.525261 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 15.29781 | 8.0 | 339555.0 | 1.529781 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 25.405788 | 8.0 | 376973.0 | 1.587862 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 37.030832 | 8.0 | 336951.0 | 1.542951 | Y |



## Calibration / Benzyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

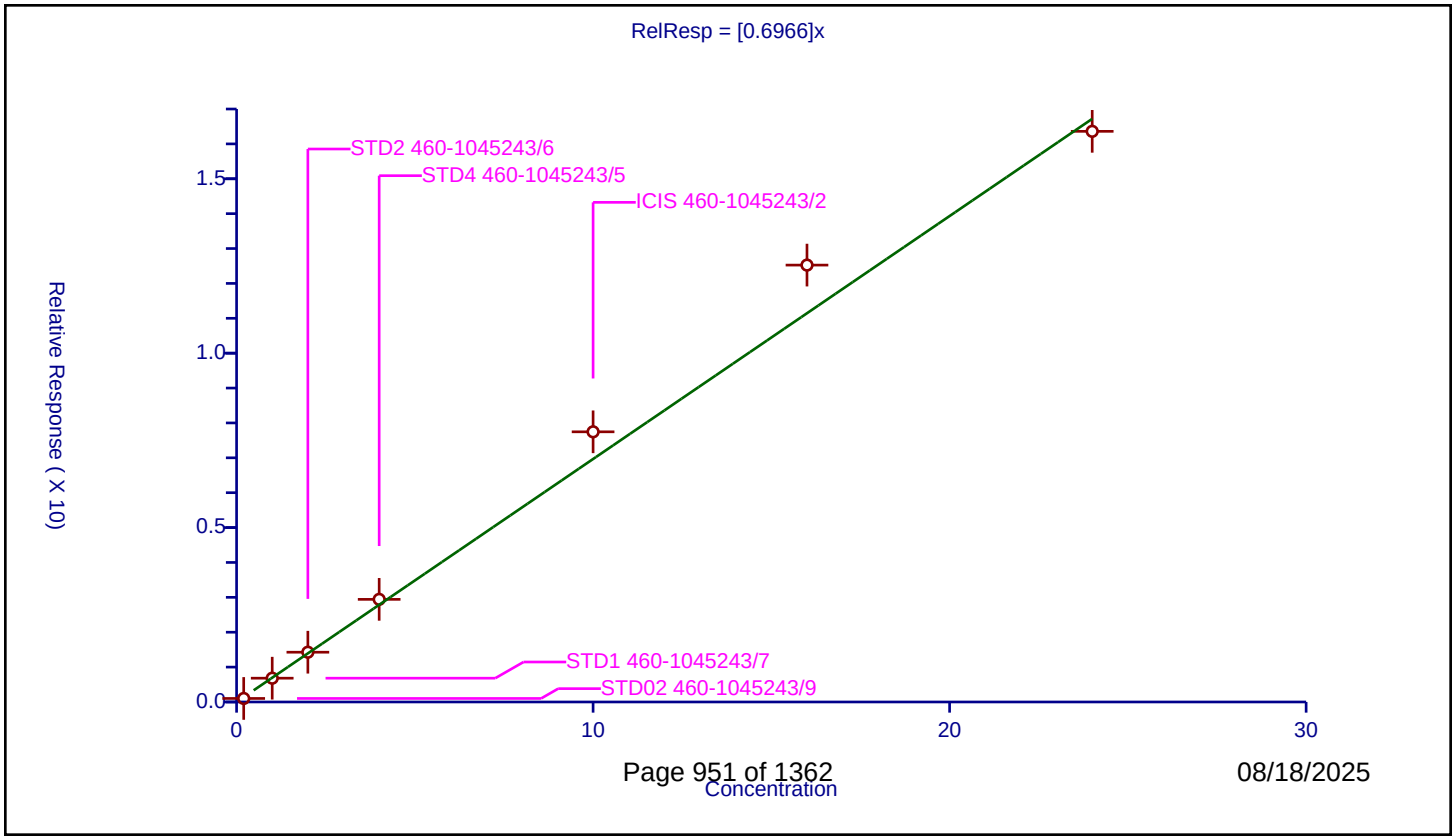
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6966 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.101128 | 8.0 | 380903.0 | 0.505641 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.682261 | 8.0 | 391217.0 | 0.682261 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.427094 | 8.0 | 442914.0 | 0.713547 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 2.942238 | 8.0 | 415795.0 | 0.73556 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 7.745573 | 8.0 | 339555.0 | 0.774557 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 12.52529 | 8.0 | 376973.0 | 0.782831 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 16.359886 | 8.0 | 336951.0 | 0.681662 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

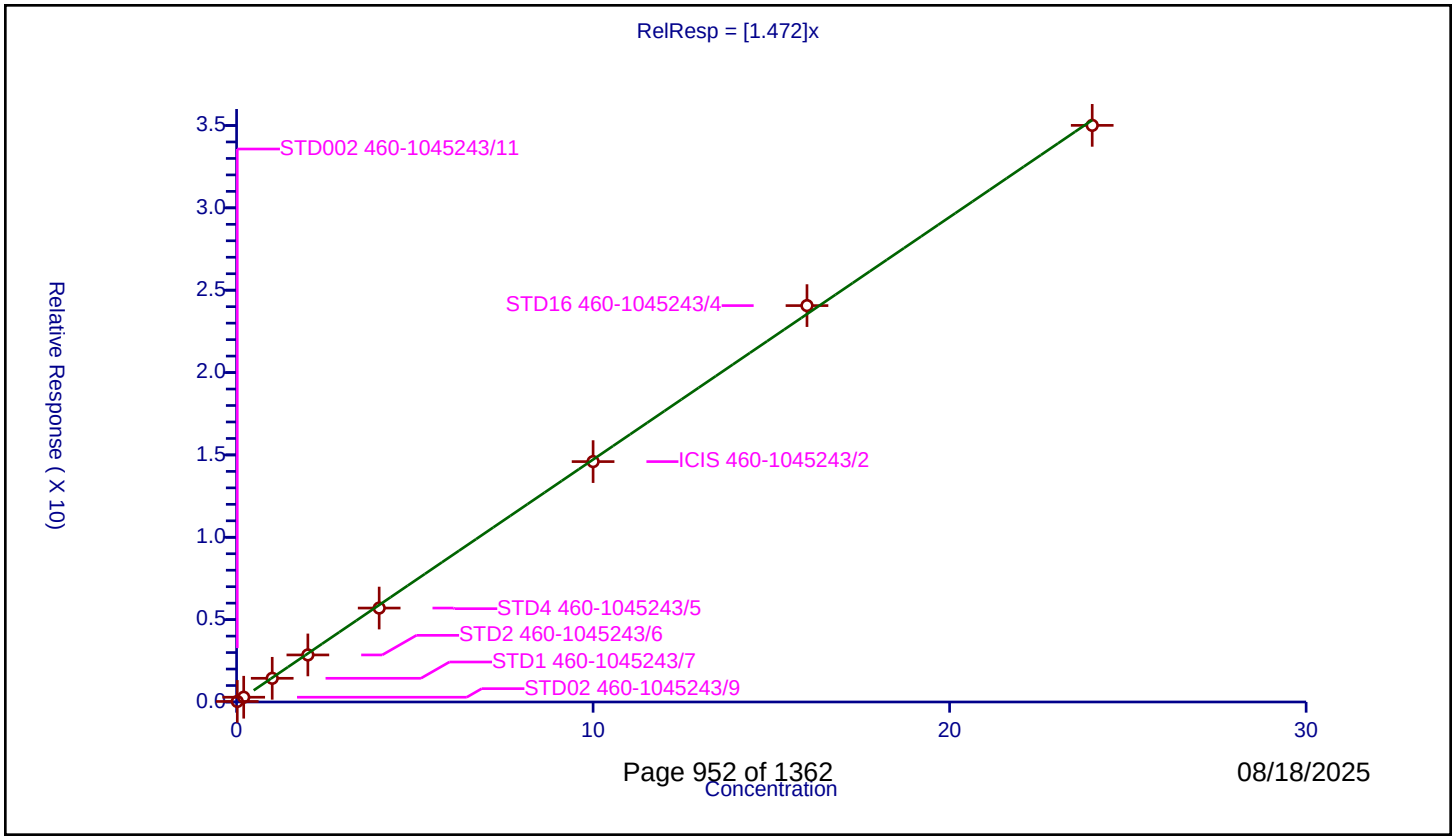
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.472 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.032366 | 8.0 | 371012.0 | 1.618276 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.288745 | 8.0 | 380903.0 | 1.443727 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 1.437729 | 8.0 | 391217.0 | 1.437729 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 2.856247 | 8.0 | 442914.0 | 1.428124 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 5.70281 | 8.0 | 415795.0 | 1.425703 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 14.593924 | 8.0 | 339555.0 | 1.459392 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 24.065235 | 8.0 | 376973.0 | 1.504077 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 35.007369 | 8.0 | 336951.0 | 1.45864 | Y |



## Calibration / 2-Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

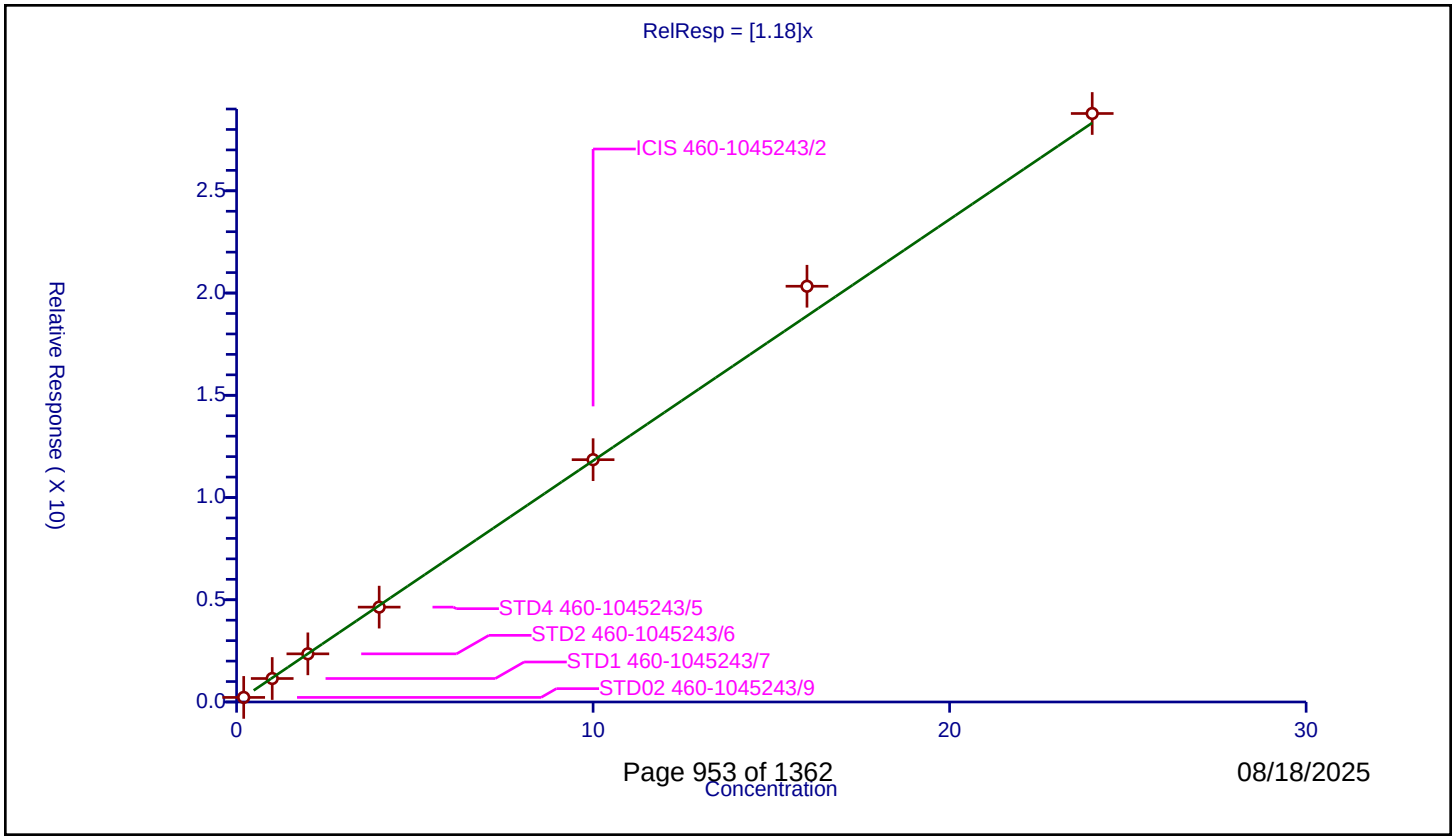
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.18 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.224015 | 8.0 | 380903.0 | 1.120075 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.147966 | 8.0 | 391217.0 | 1.147966 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.354949 | 8.0 | 442914.0 | 1.177475 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.640133 | 8.0 | 415795.0 | 1.160033 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 11.84998 | 8.0 | 339555.0 | 1.184998 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 20.332958 | 8.0 | 376973.0 | 1.27081 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 28.781419 | 8.0 | 336951.0 | 1.199226 | Y |



## Calibration / 2,2'-oxybis[1-chloropropane]

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

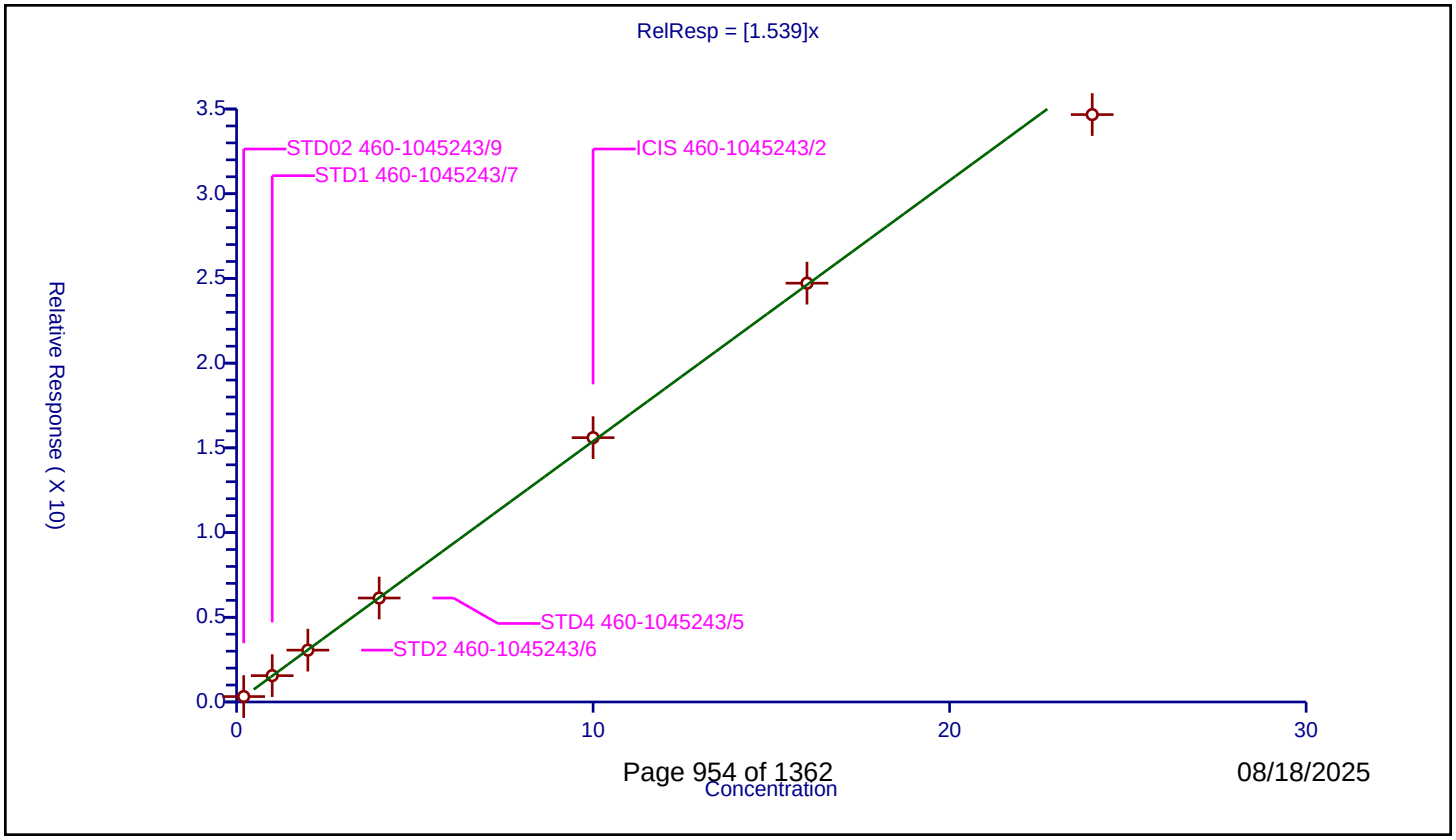
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.539 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.32088 | 8.0 | 380903.0 | 1.604398 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.5548 | 8.0 | 391217.0 | 1.5548 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 3.060693 | 8.0 | 442914.0 | 1.530347 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 6.136428 | 8.0 | 415795.0 | 1.534107 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 15.602162 | 8.0 | 339555.0 | 1.560216 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 24.719882 | 8.0 | 376973.0 | 1.544993 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 34.67113 | 8.0 | 336951.0 | 1.44463 | Y |



## Calibration / N-Methylaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

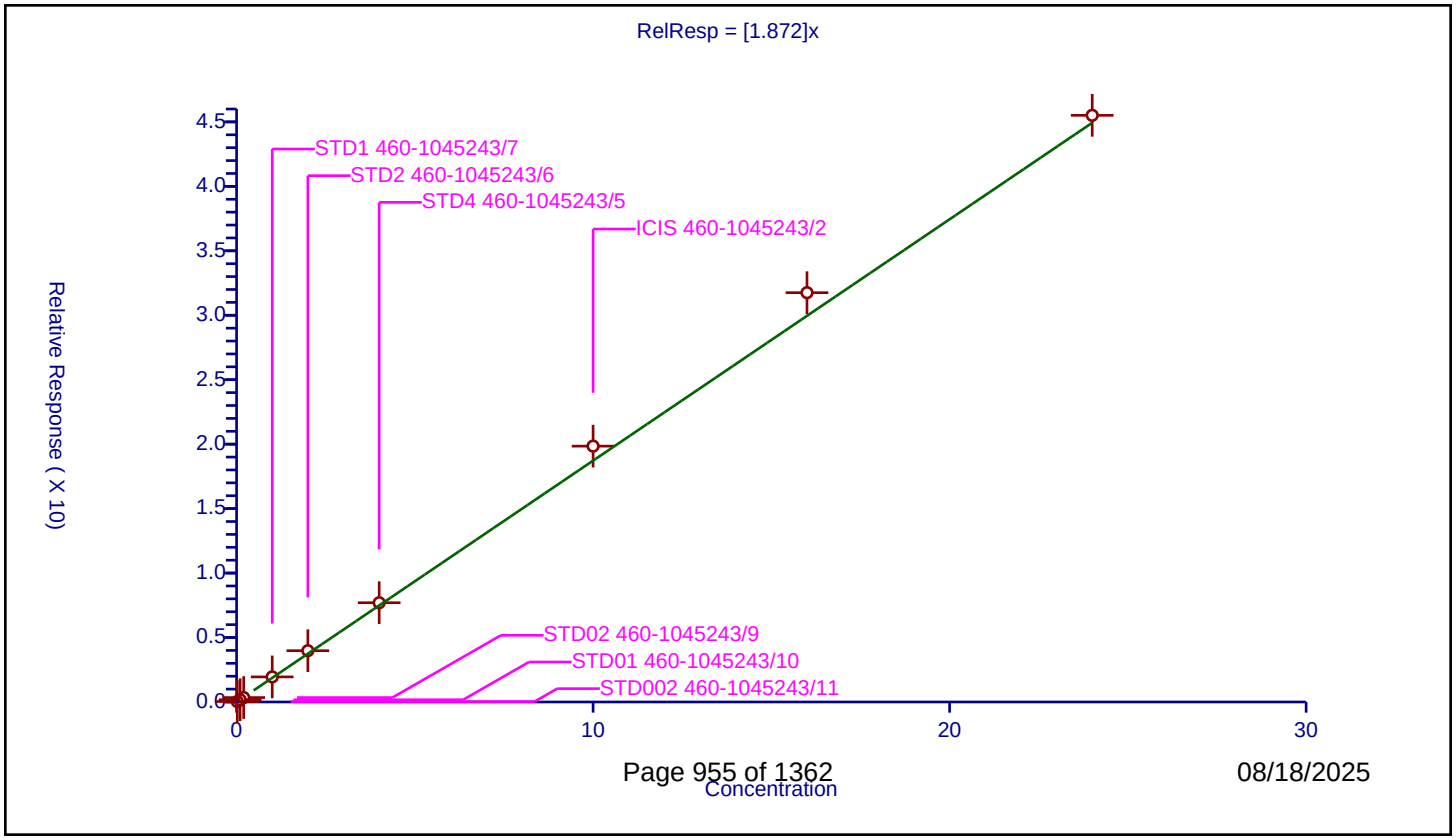
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.872 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.033616 | 8.0 | 371012.0 | 1.680808 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.173228 | 8.0 | 385804.0 | 1.732279 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.342197 | 8.0 | 380903.0 | 1.710987 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.945048 | 8.0 | 391217.0 | 1.945048 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 3.979463 | 8.0 | 442914.0 | 1.989732 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 7.700064 | 8.0 | 415795.0 | 1.925016 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 19.848354 | 8.0 | 339555.0 | 1.984835 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 31.75385 | 8.0 | 376973.0 | 1.984616 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 45.509952 | 8.0 | 336951.0 | 1.896248 | Y |






08/18/2025

## Calibration / Acetophenone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

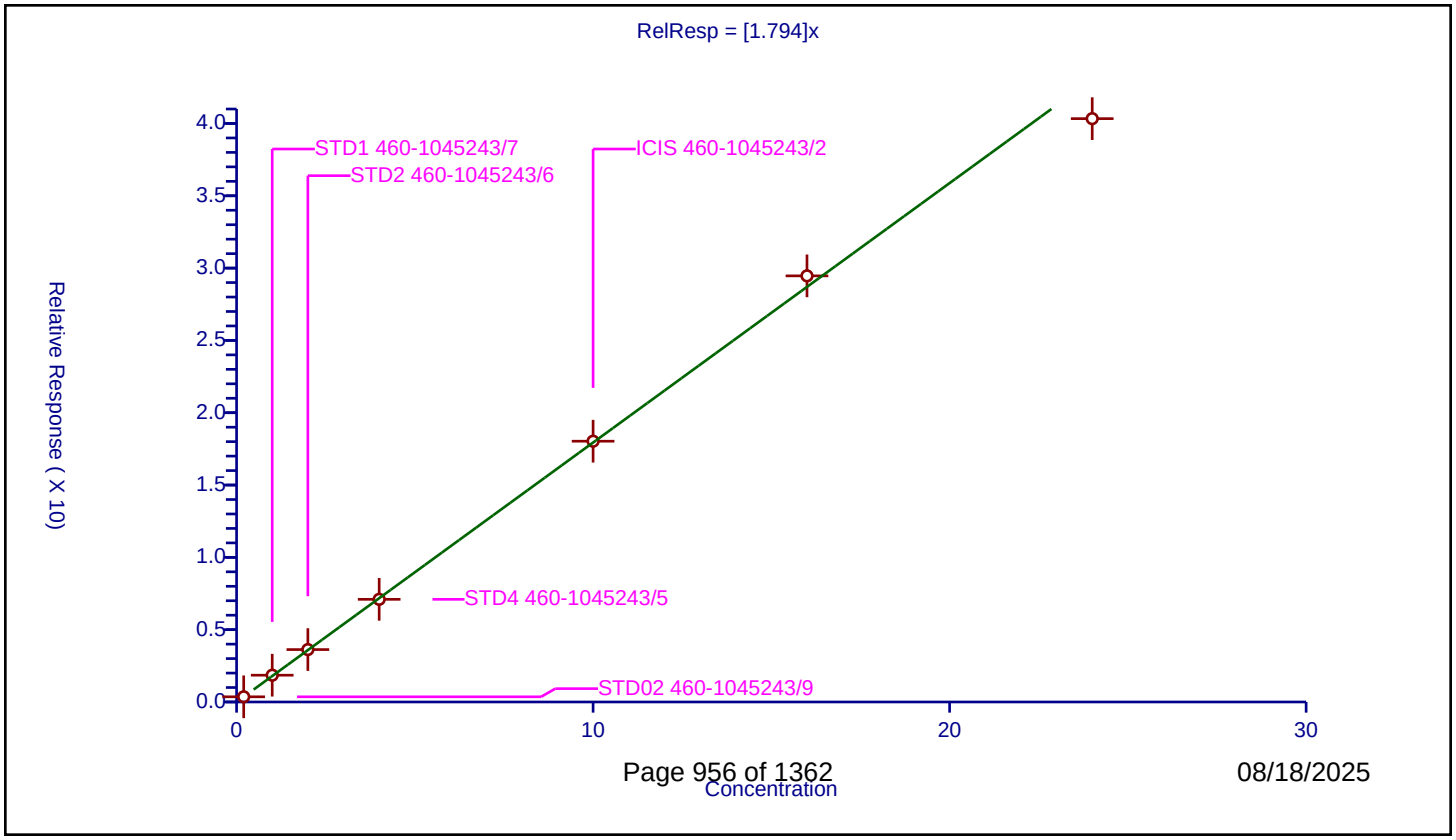
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.794 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.358642 | 8.0 | 380903.0 | 1.793212 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.852394 | 8.0 | 391217.0 | 1.852394 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 3.623819 | 8.0 | 442914.0 | 1.811909 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 7.097055 | 8.0 | 415795.0 | 1.774264 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 18.032001 | 8.0 | 339555.0 | 1.8032 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 29.464137 | 8.0 | 376973.0 | 1.841509 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 40.334221 | 8.0 | 336951.0 | 1.680593 | Y |



## Calibration / N-Nitrosodi-n-propylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

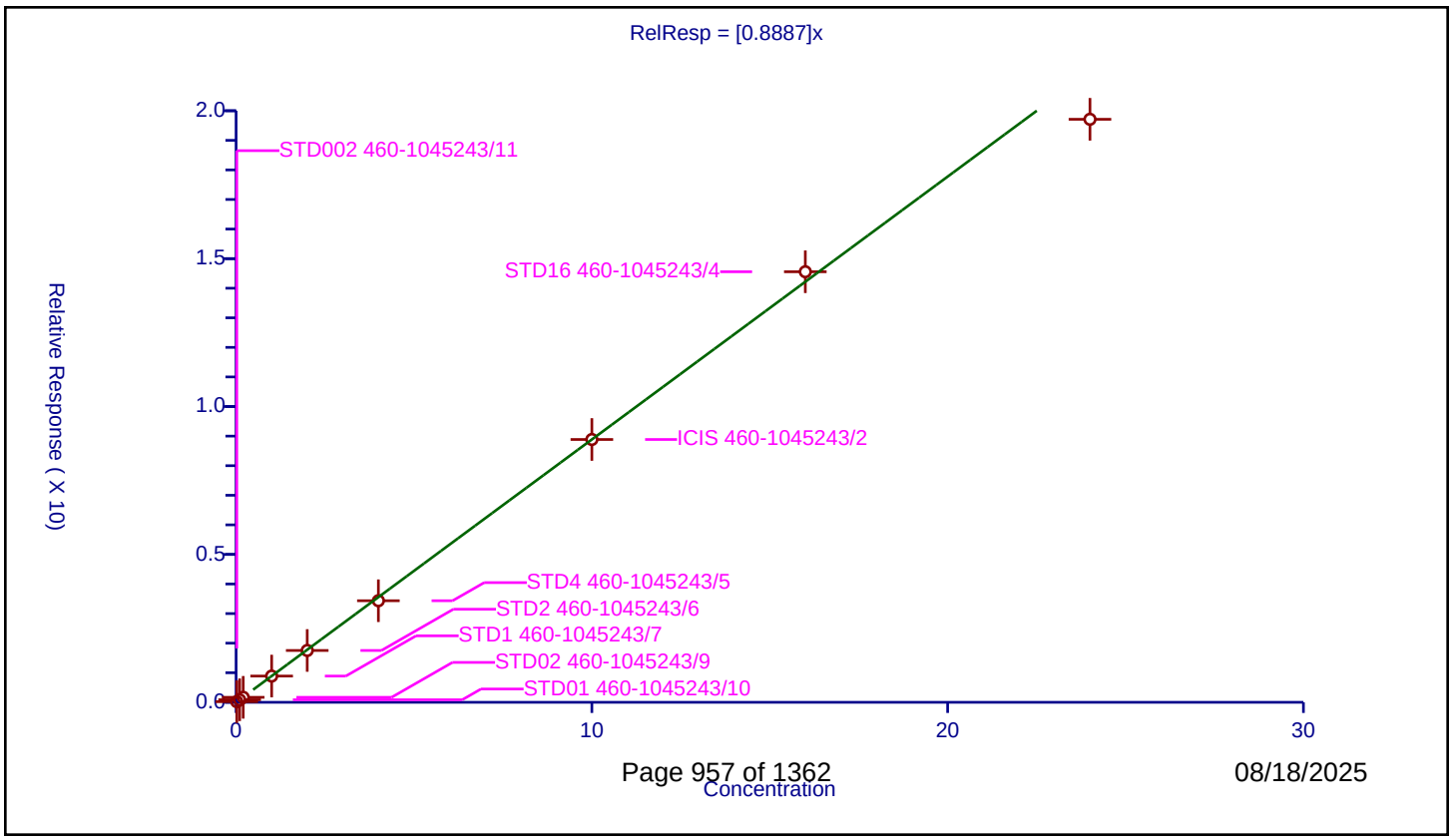
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8887 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.02111 | 8.0 | 371012.0 | 1.055491 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.085598 | 8.0 | 385804.0 | 0.855979 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.169009 | 8.0 | 380903.0 | 0.845045 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.886976 | 8.0 | 391217.0 | 0.886976 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 1.752467 | 8.0 | 442914.0 | 0.876233 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 3.434308 | 8.0 | 415795.0 | 0.858577 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 8.8857 | 8.0 | 339555.0 | 0.88857 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 14.556926 | 8.0 | 376973.0 | 0.909808 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 19.711543 | 8.0 | 336951.0 | 0.821314 | Y |



## Calibration / 3 & 4 Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

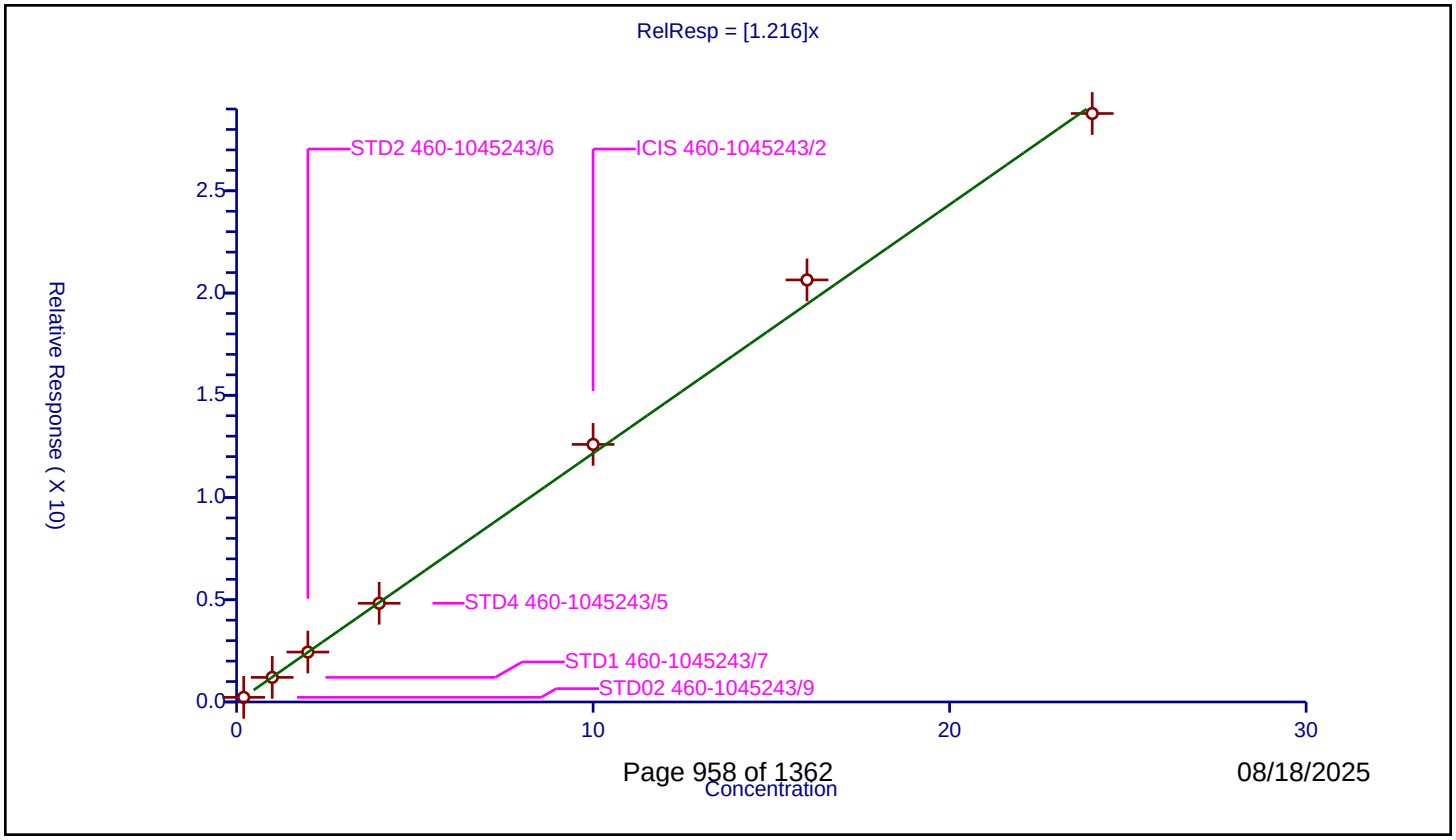
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.216 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.226703 | 8.0 | 380903.0 | 1.133517 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.20324 | 8.0 | 391217.0 | 1.20324 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.442334 | 8.0 | 442914.0 | 1.221167 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.82786 | 8.0 | 415795.0 | 1.206965 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 12.596934 | 8.0 | 339555.0 | 1.259693 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 20.642094 | 8.0 | 376973.0 | 1.290131 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 28.781514 | 8.0 | 336951.0 | 1.19923 | Y |






08/18/2025

## Calibration / 4-Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

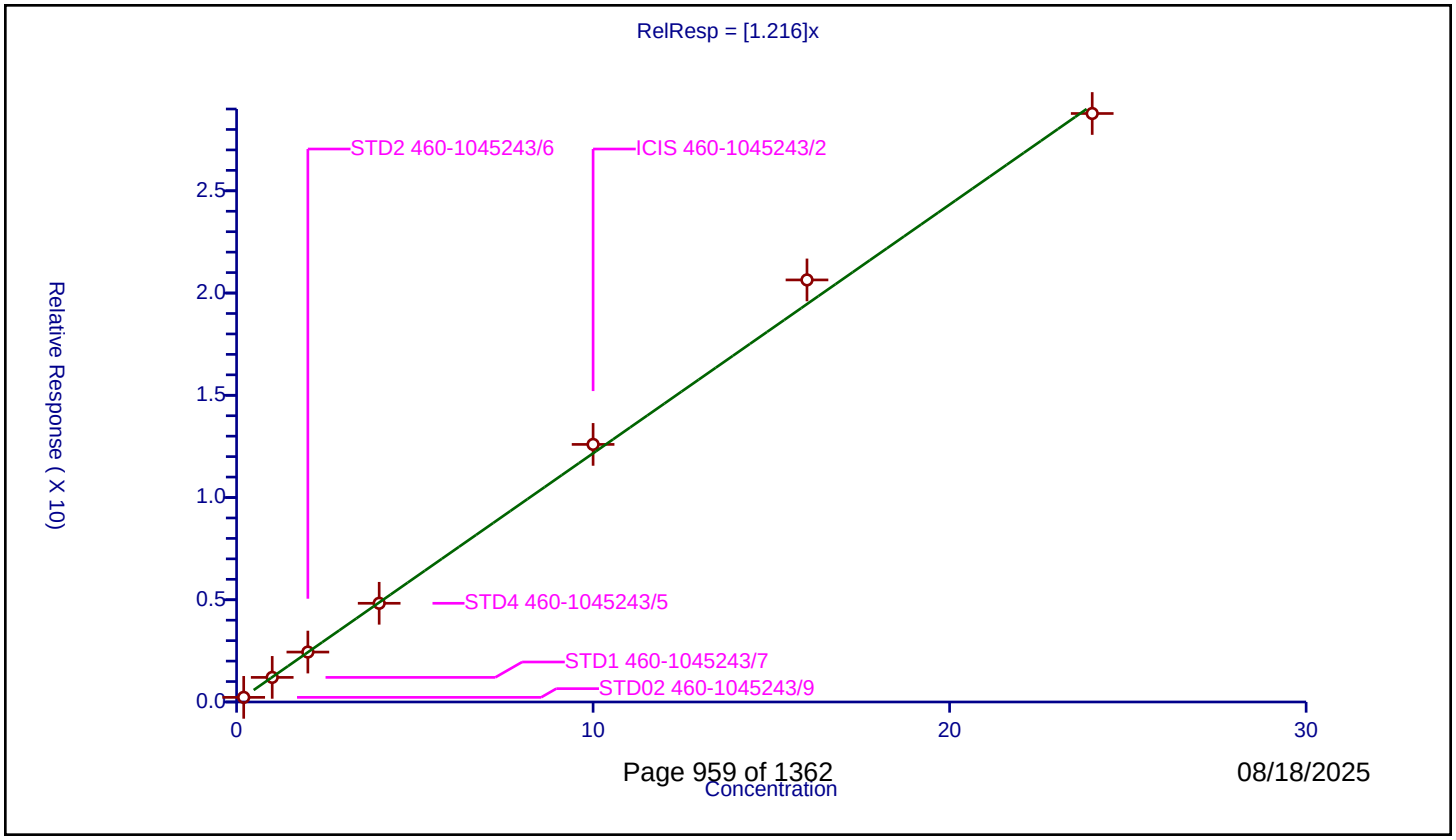
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.216 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.226703 | 8.0 | 380903.0 | 1.133517 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.20324 | 8.0 | 391217.0 | 1.20324 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.442334 | 8.0 | 442914.0 | 1.221167 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.82786 | 8.0 | 415795.0 | 1.206965 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 12.596934 | 8.0 | 339555.0 | 1.259693 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 20.642094 | 8.0 | 376973.0 | 1.290131 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 28.781514 | 8.0 | 336951.0 | 1.19923 | Y |



## Calibration / Hexachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

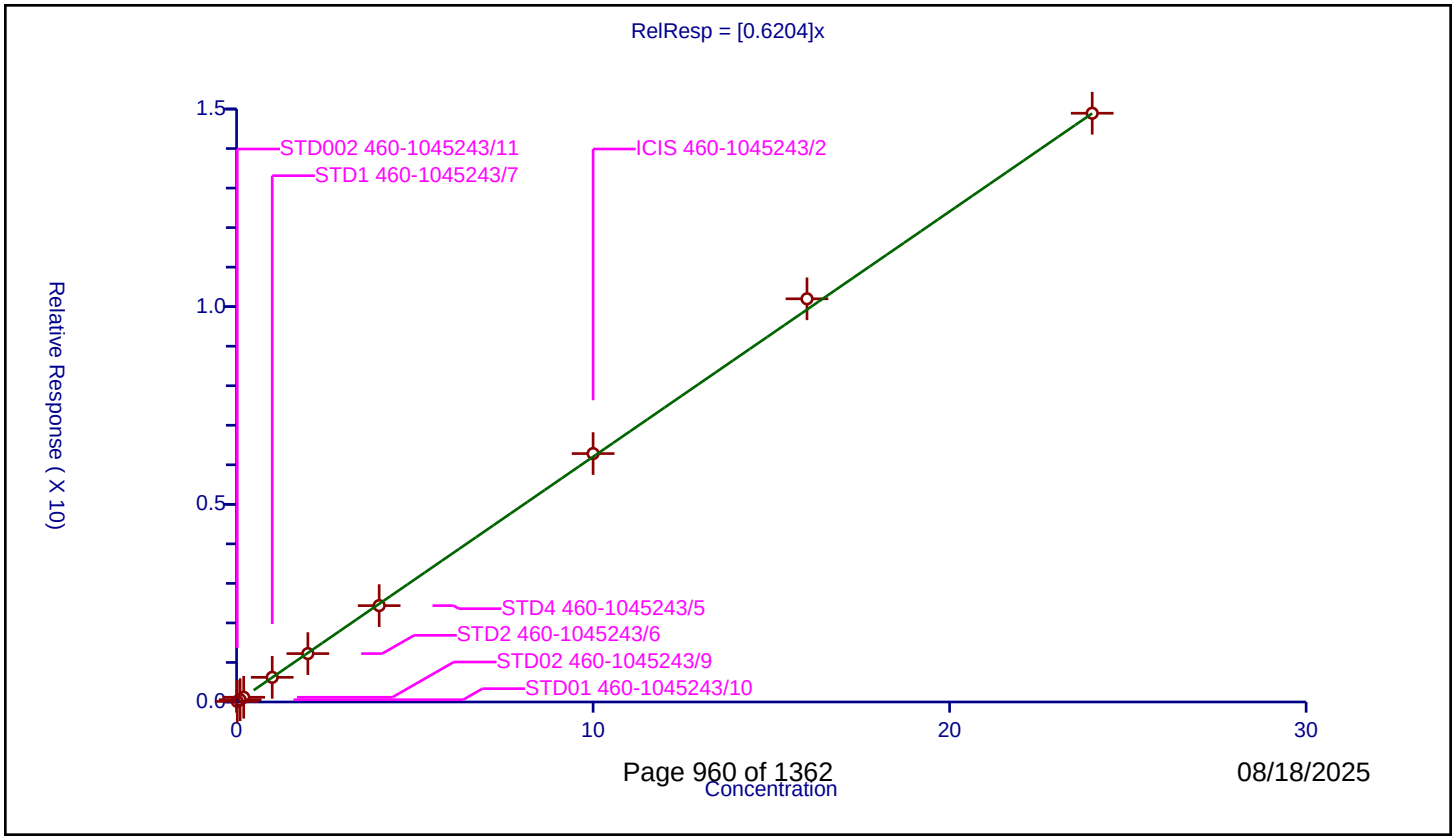
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6204 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.013541 | 8.0 | 371012.0 | 0.677067 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.057459 | 8.0 | 385804.0 | 0.574592 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.120031 | 8.0 | 380903.0 | 0.600153 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.62394 | 8.0 | 391217.0 | 0.62394 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 1.224003 | 8.0 | 442914.0 | 0.612001 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 2.437374 | 8.0 | 415795.0 | 0.609344 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 6.28406 | 8.0 | 339555.0 | 0.628406 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 10.199372 | 8.0 | 376973.0 | 0.637461 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 14.893085 | 8.0 | 336951.0 | 0.620545 | Y |



## Calibration / Nitrobenzene-d5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

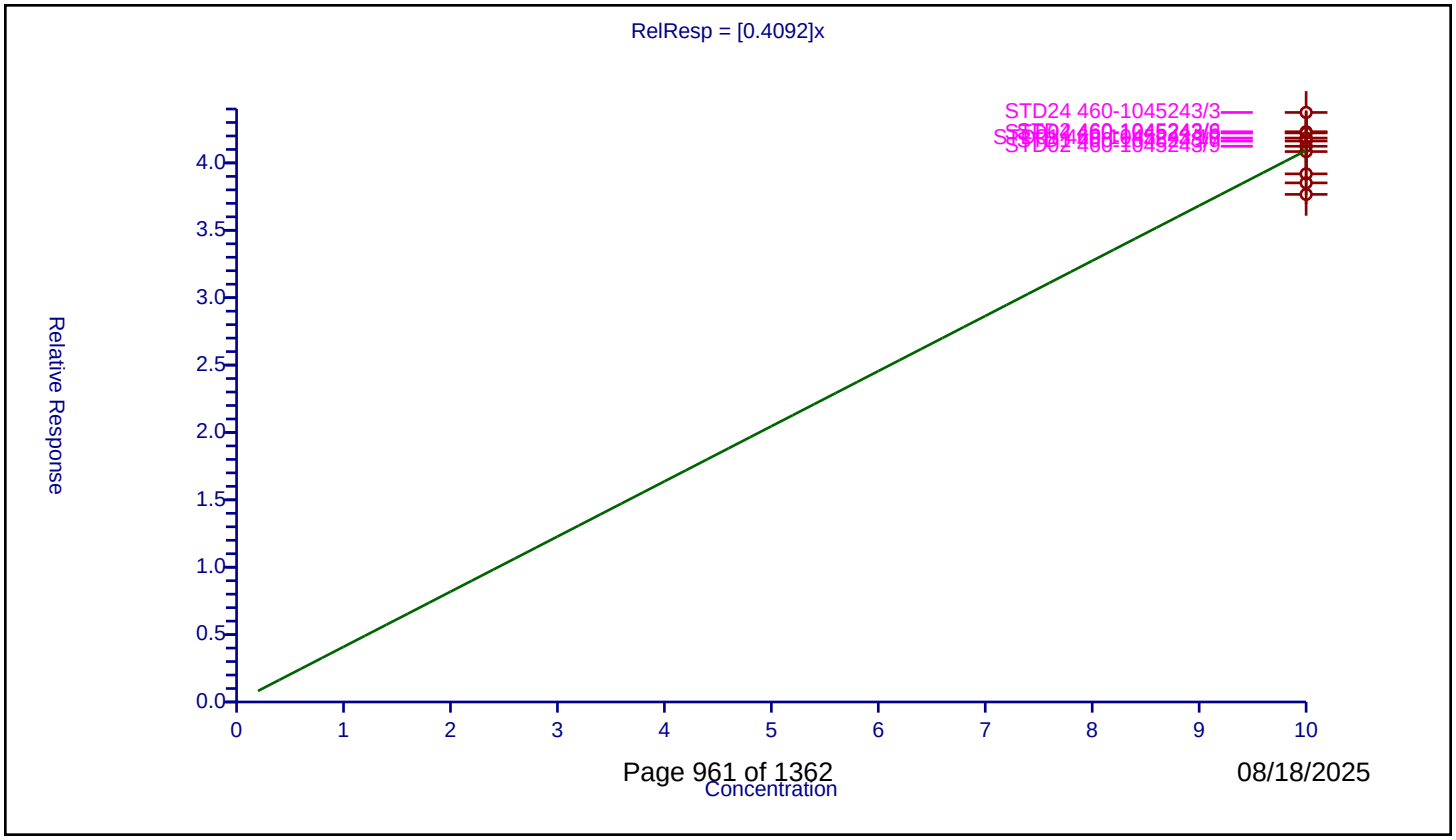
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4092 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1045243/2 | 10.0 | 3.766554 | 8.0 | 1204628.0 | 0.376655 | Y |
| 2 | STD24 460-1045243/3 | 10.0 | 4.37438 | 8.0 | 1151097.0 | 0.437438 | Y |
| 3 | STD16 460-1045243/4 | 10.0 | 3.851828 | 8.0 | 1327835.0 | 0.385183 | Y |
| 4 | STD4 460-1045243/5 | 10.0 | 4.084293 | 8.0 | 1472623.0 | 0.408429 | Y |
| 5 | STD2 460-1045243/6 | 10.0 | 4.231497 | 8.0 | 1578664.0 | 0.42315 | Y |
| 6 | STD1 460-1045243/7 | 10.0 | 4.162322 | 8.0 | 1443275.0 | 0.416232 | Y |
| 7 | STD04 460-1045243/8 | 10.0 | 4.222433 | 8.0 | 1376861.0 | 0.422243 | Y |
| 8 | STD02 460-1045243/9 | 10.0 | 4.123632 | 8.0 | 1402350.0 | 0.412363 | Y |
| 9 | STD01 460-1045243/10 | 10.0 | 4.184468 | 8.0 | 1395928.0 | 0.418447 | Y |
| 10 | STD002 460-1045243/11 | 10.0 | 3.918705 | 8.0 | 1346598.0 | 0.39187 | Y |



## Calibration / Nitrobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

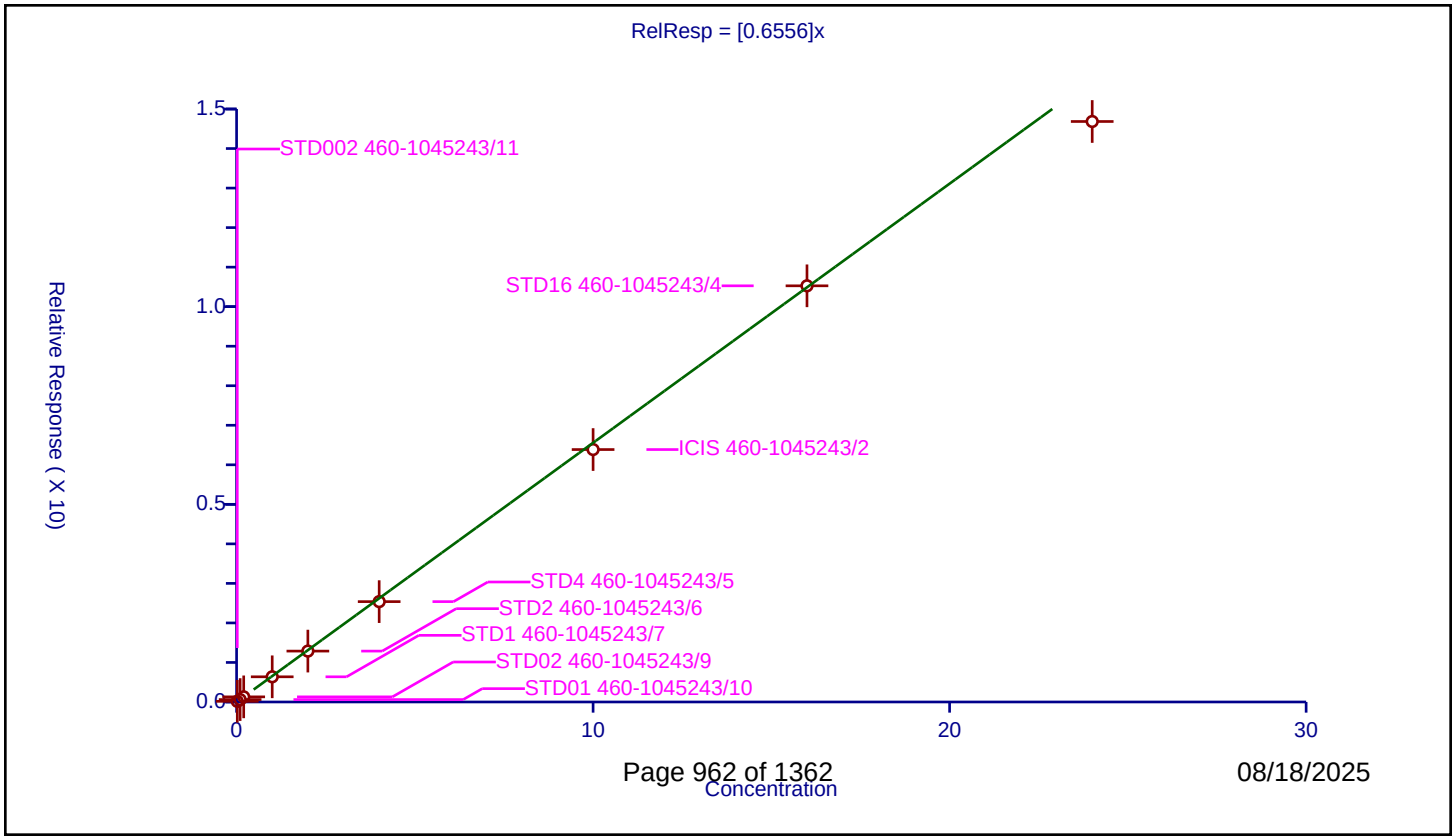
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6556 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.016301 | 8.0 | 371012.0 | 0.815068 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.061171 | 8.0 | 385804.0 | 0.61171 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.12986 | 8.0 | 380903.0 | 0.649299 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.637232 | 8.0 | 391217.0 | 0.637232 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 1.287582 | 8.0 | 442914.0 | 0.643791 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 2.538405 | 8.0 | 415795.0 | 0.634601 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 6.385864 | 8.0 | 339555.0 | 0.638586 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 10.527544 | 8.0 | 376973.0 | 0.657972 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 14.68439 | 8.0 | 336951.0 | 0.61185 | Y |



## Calibration / n,n'-Dimethylaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

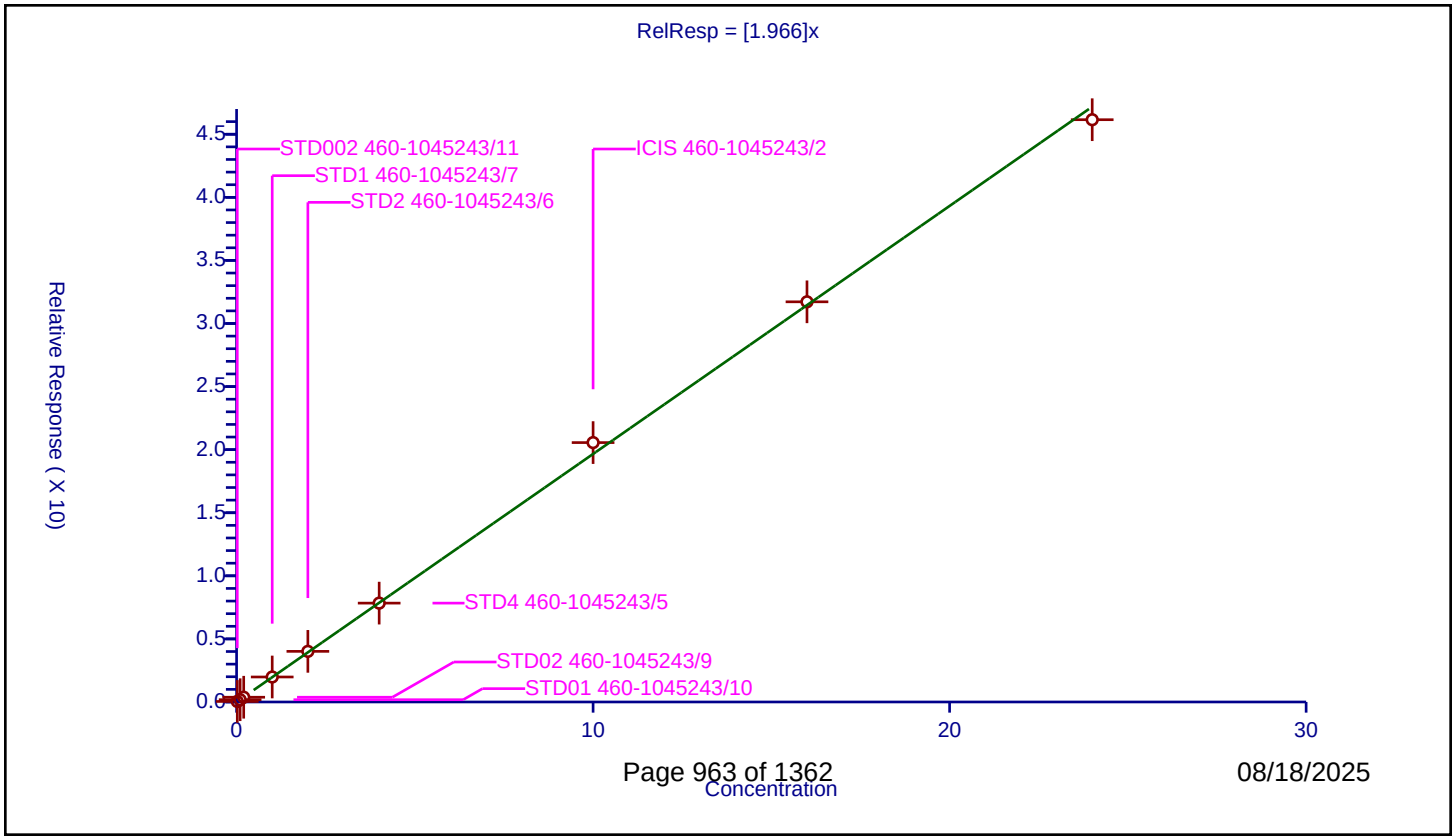
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.966 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.041767 | 8.0 | 371012.0 | 2.088342 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.181025 | 8.0 | 385804.0 | 1.810246 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.377209 | 8.0 | 380903.0 | 1.886044 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.980977 | 8.0 | 391217.0 | 1.980977 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 4.01286 | 8.0 | 442914.0 | 2.00643 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 7.835727 | 8.0 | 415795.0 | 1.958932 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 20.561193 | 8.0 | 339555.0 | 2.056119 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 31.718367 | 8.0 | 376973.0 | 1.982398 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 46.151897 | 8.0 | 336951.0 | 1.922996 | Y |



## Calibration / Isophorone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

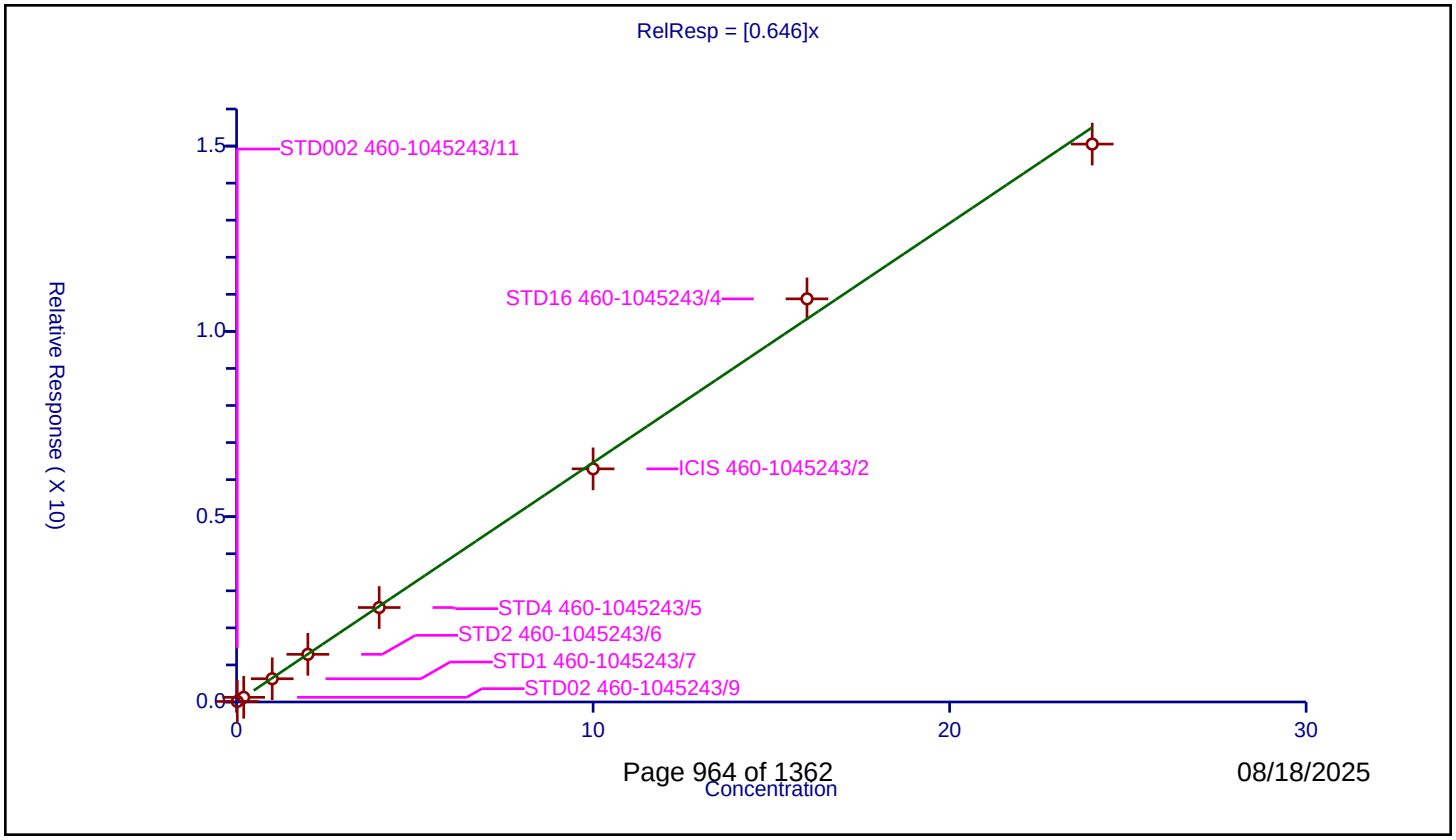
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.646 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.013884 | 8.0 | 1346598.0 | 0.694194 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.125931 | 8.0 | 1402350.0 | 0.629657 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.627351 | 8.0 | 1443275.0 | 0.627351 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 1.286521 | 8.0 | 1578664.0 | 0.64326 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 2.549187 | 8.0 | 1472623.0 | 0.637297 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 6.290539 | 8.0 | 1204628.0 | 0.629054 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 10.877948 | 8.0 | 1327835.0 | 0.679872 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 15.053932 | 8.0 | 1151097.0 | 0.627247 | Y |



## Calibration / 2-Nitrophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

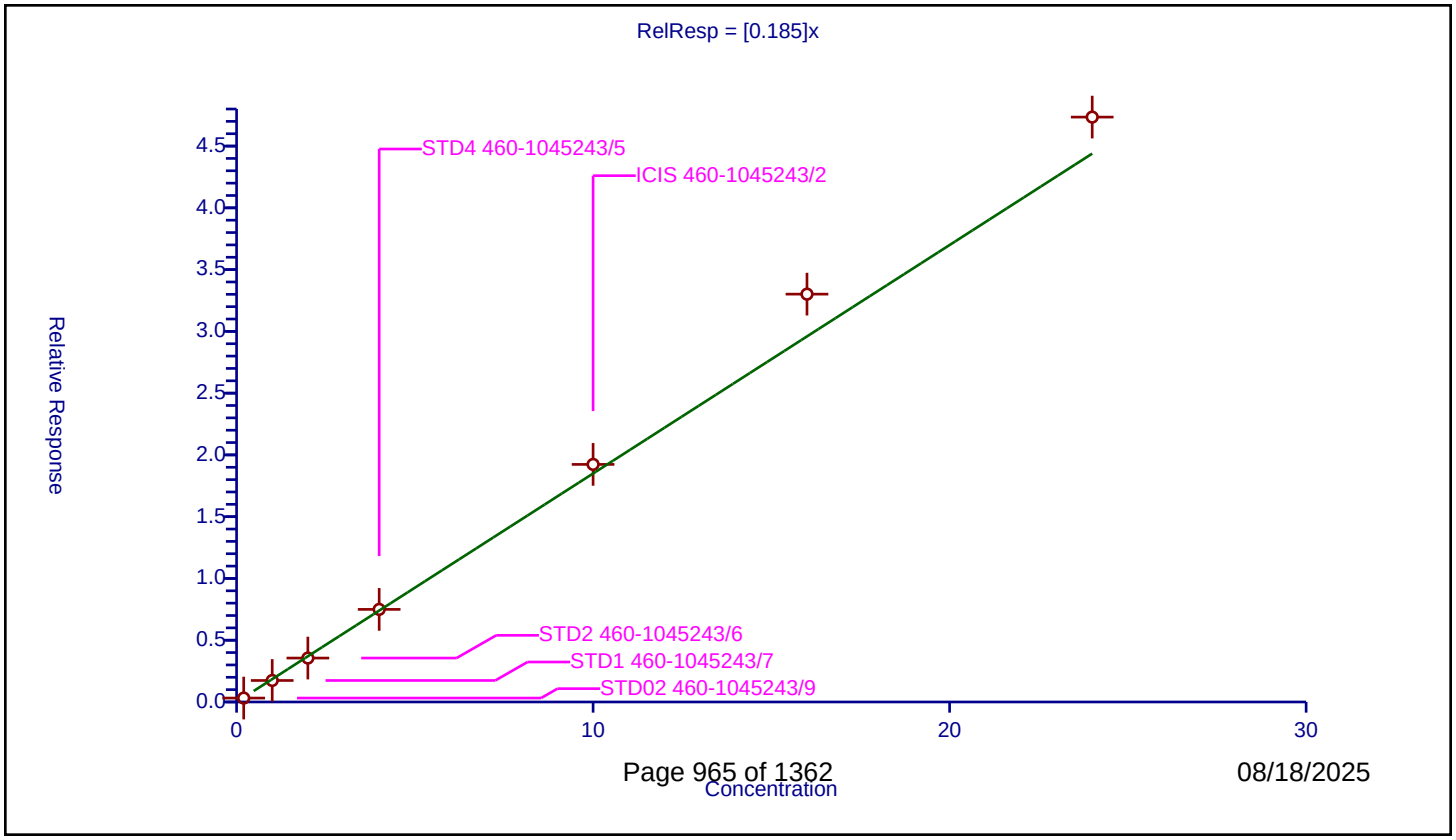
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.185 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.031912 | 8.0 | 1402350.0 | 0.159561 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.174054 | 8.0 | 1443275.0 | 0.174054 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.355541 | 8.0 | 1578664.0 | 0.177771 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 0.74952 | 8.0 | 1472623.0 | 0.18738 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 1.923256 | 8.0 | 1204628.0 | 0.192326 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 3.301458 | 8.0 | 1327835.0 | 0.206341 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 4.734503 | 8.0 | 1151097.0 | 0.197271 | Y |



## Calibration / 2,4-Dimethylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

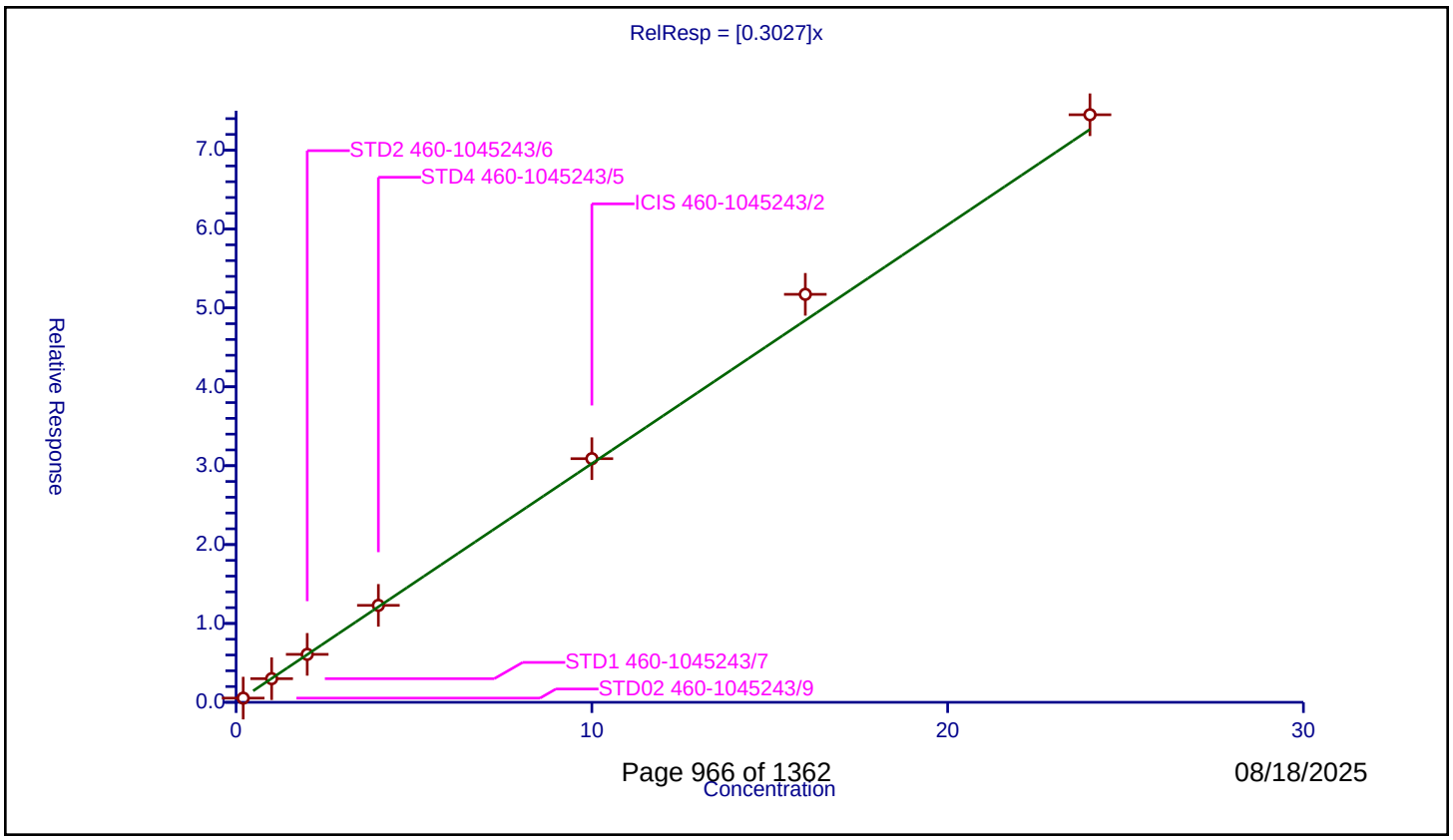
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3027 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.053042 | 8.0 | 1402350.0 | 0.265212 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.299541 | 8.0 | 1443275.0 | 0.299541 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.607962 | 8.0 | 1578664.0 | 0.303981 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.229203 | 8.0 | 1472623.0 | 0.307301 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 3.089159 | 8.0 | 1204628.0 | 0.308916 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 5.172492 | 8.0 | 1327835.0 | 0.323281 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 7.449513 | 8.0 | 1151097.0 | 0.310396 | Y |



## Calibration / Benzoic acid

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

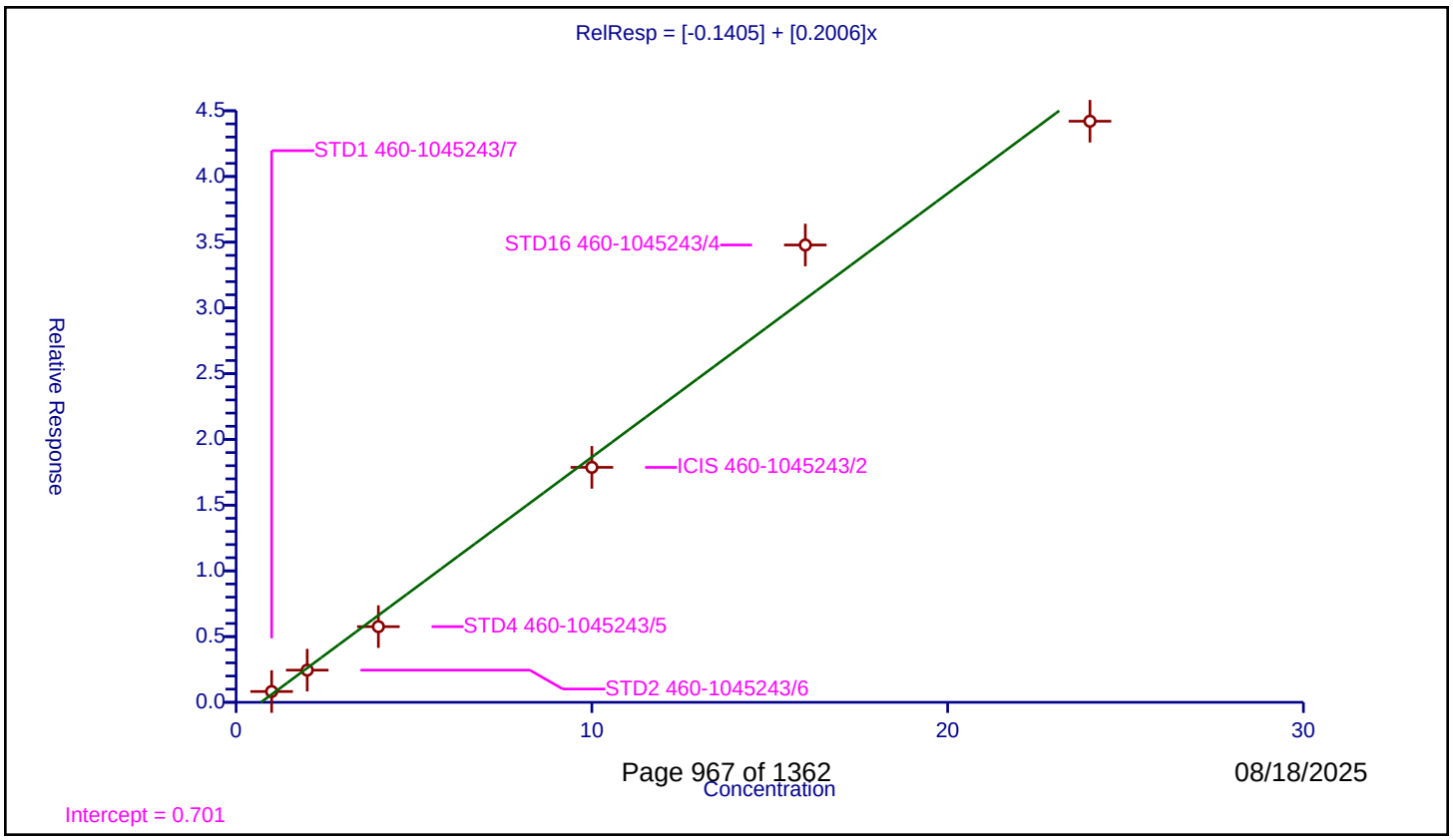
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.1405 |
| **Slope:** | 0.2006 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1045243/7 | 1.0 | 0.082158 | 8.0 | 1443275.0 | 0.082158 | Y |
| 2 | STD2 460-1045243/6 | 2.0 | 0.244815 | 8.0 | 1578664.0 | 0.122407 | Y |
| 3 | STD4 460-1045243/5 | 4.0 | 0.575637 | 8.0 | 1472623.0 | 0.143909 | Y |
| 4 | ICIS 460-1045243/2 | 10.0 | 1.787373 | 8.0 | 1204628.0 | 0.178737 | Y |
| 5 | STD16 460-1045243/4 | 16.0 | 3.47877 | 8.0 | 1327835.0 | 0.217423 | Y |
| 6 | STD24 460-1045243/3 | 24.0 | 4.420382 | 8.0 | 1151097.0 | 0.184183 | Y |



## Calibration / Bis(2-chloroethoxy)methane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

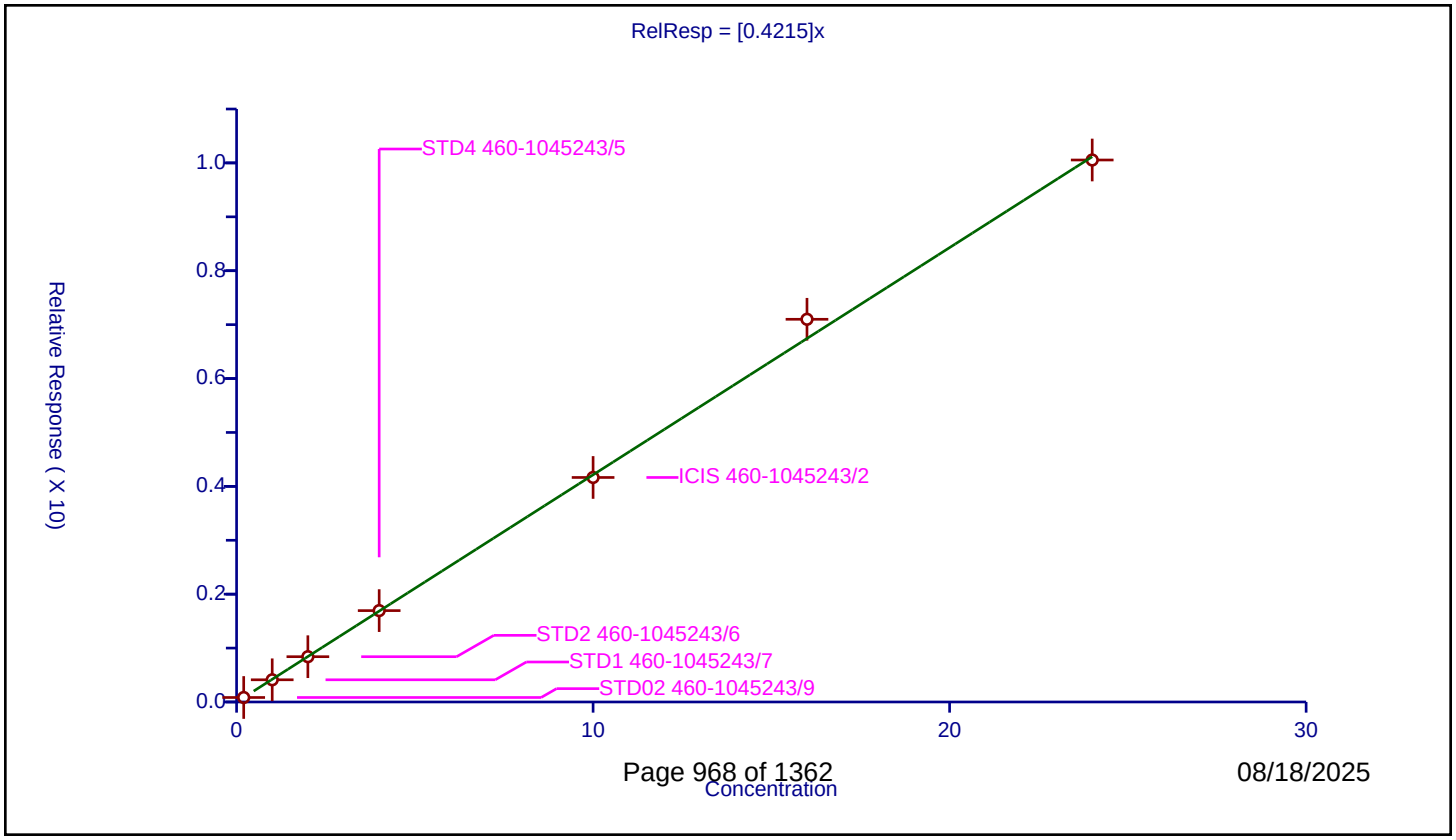
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4215 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.083118 | 8.0 | 1402350.0 | 0.415588 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.411592 | 8.0 | 1443275.0 | 0.411592 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.840179 | 8.0 | 1578664.0 | 0.420089 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.695206 | 8.0 | 1472623.0 | 0.423802 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 4.164738 | 8.0 | 1204628.0 | 0.416474 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 7.099448 | 8.0 | 1327835.0 | 0.443716 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 10.054152 | 8.0 | 1151097.0 | 0.418923 | Y |



## Calibration / 2,4-Dichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

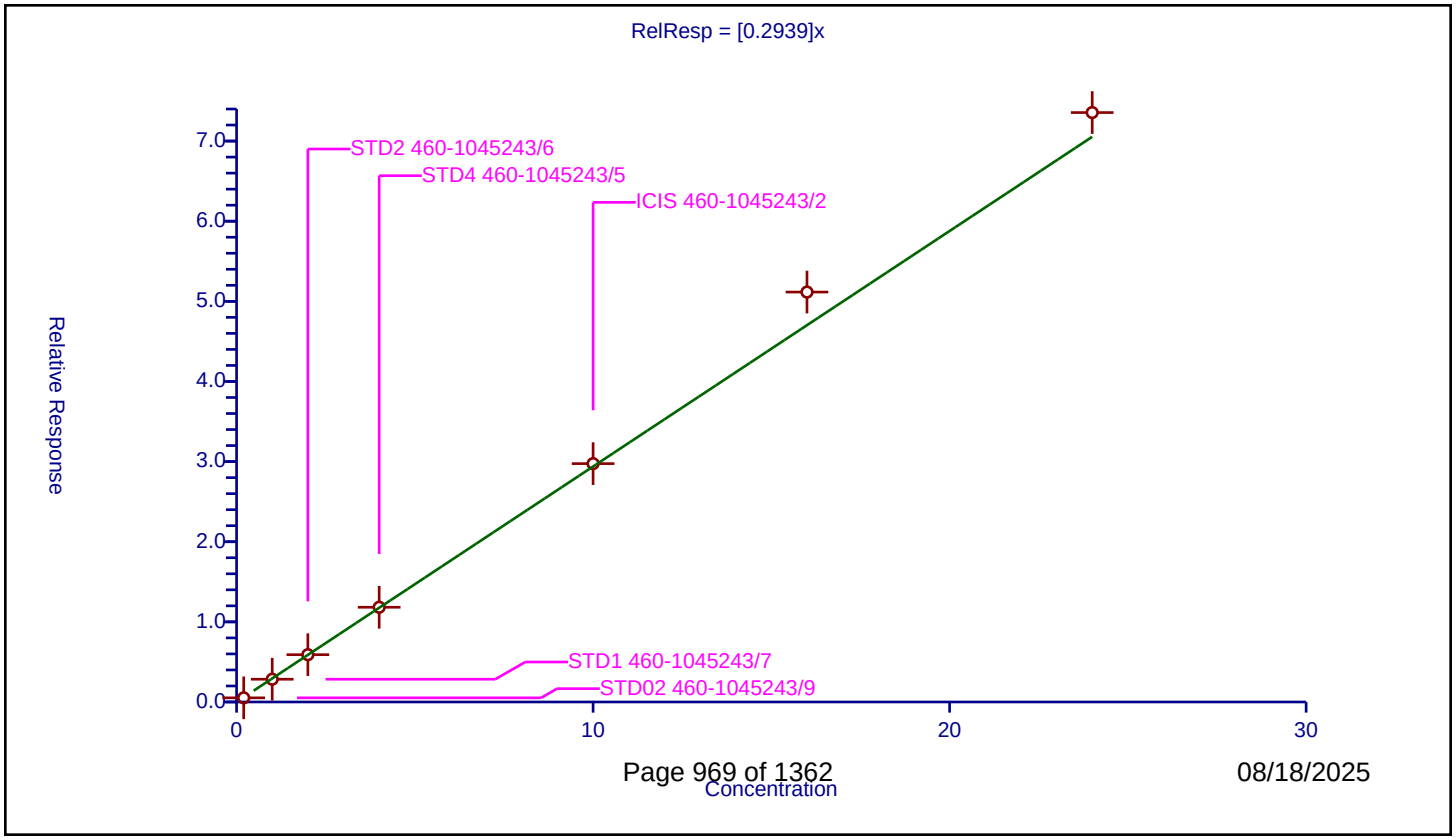
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2939 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.051759 | 8.0 | 1402350.0 | 0.258794 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.284026 | 8.0 | 1443275.0 | 0.284026 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.5902 | 8.0 | 1578664.0 | 0.2951 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.182239 | 8.0 | 1472623.0 | 0.29556 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 2.974761 | 8.0 | 1204628.0 | 0.297476 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 5.115768 | 8.0 | 1327835.0 | 0.319736 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 7.355863 | 8.0 | 1151097.0 | 0.306494 | 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 |

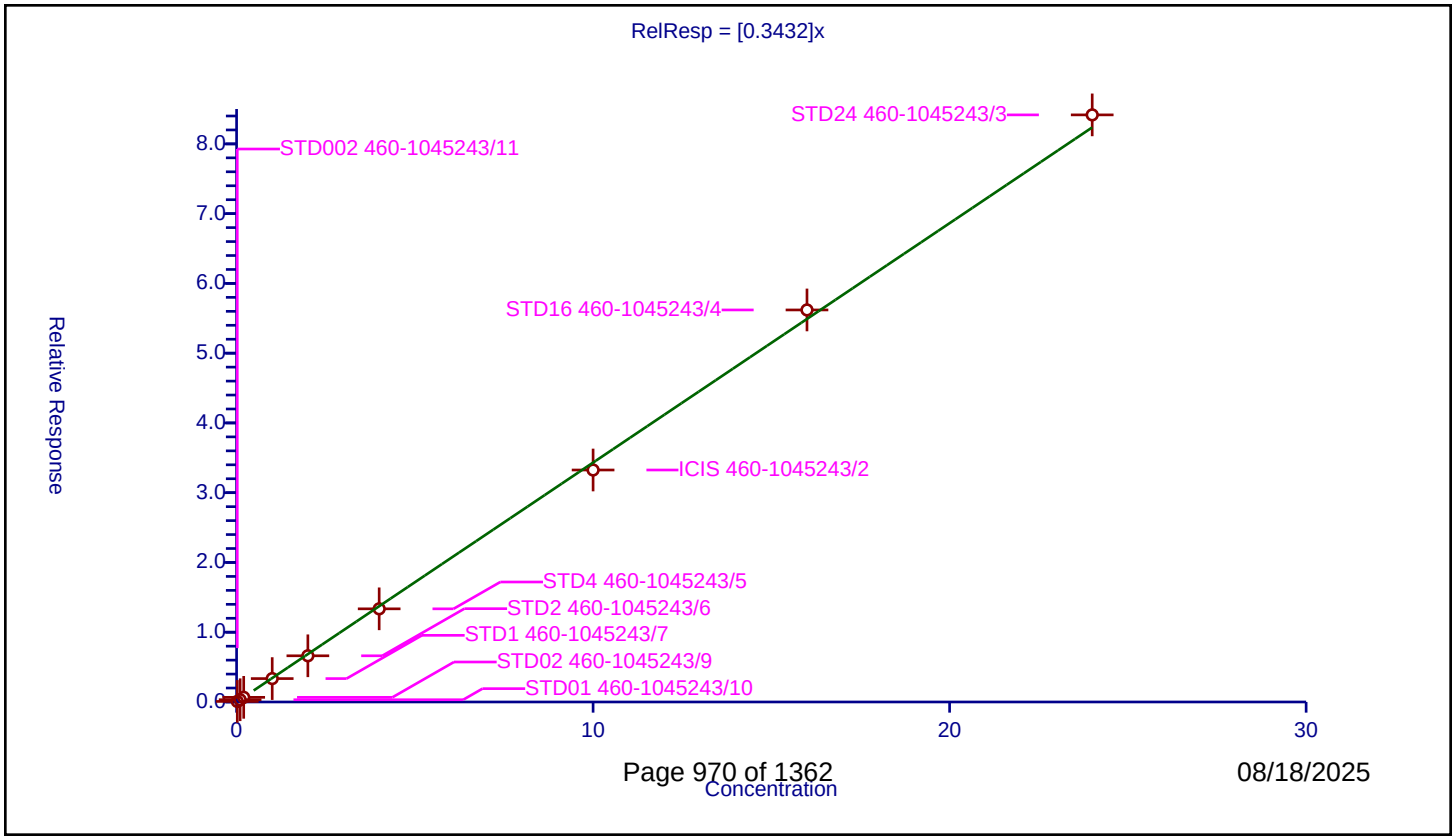
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3432 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.007901 | 8.0 | 1346598.0 | 0.39507 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.032472 | 8.0 | 1395928.0 | 0.324716 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.066814 | 8.0 | 1402350.0 | 0.334068 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.335371 | 8.0 | 1443275.0 | 0.335371 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 0.662135 | 8.0 | 1578664.0 | 0.331067 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 1.335261 | 8.0 | 1472623.0 | 0.333815 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 3.325329 | 8.0 | 1204628.0 | 0.332533 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 5.619885 | 8.0 | 1327835.0 | 0.351243 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 8.416034 | 8.0 | 1151097.0 | 0.350668 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

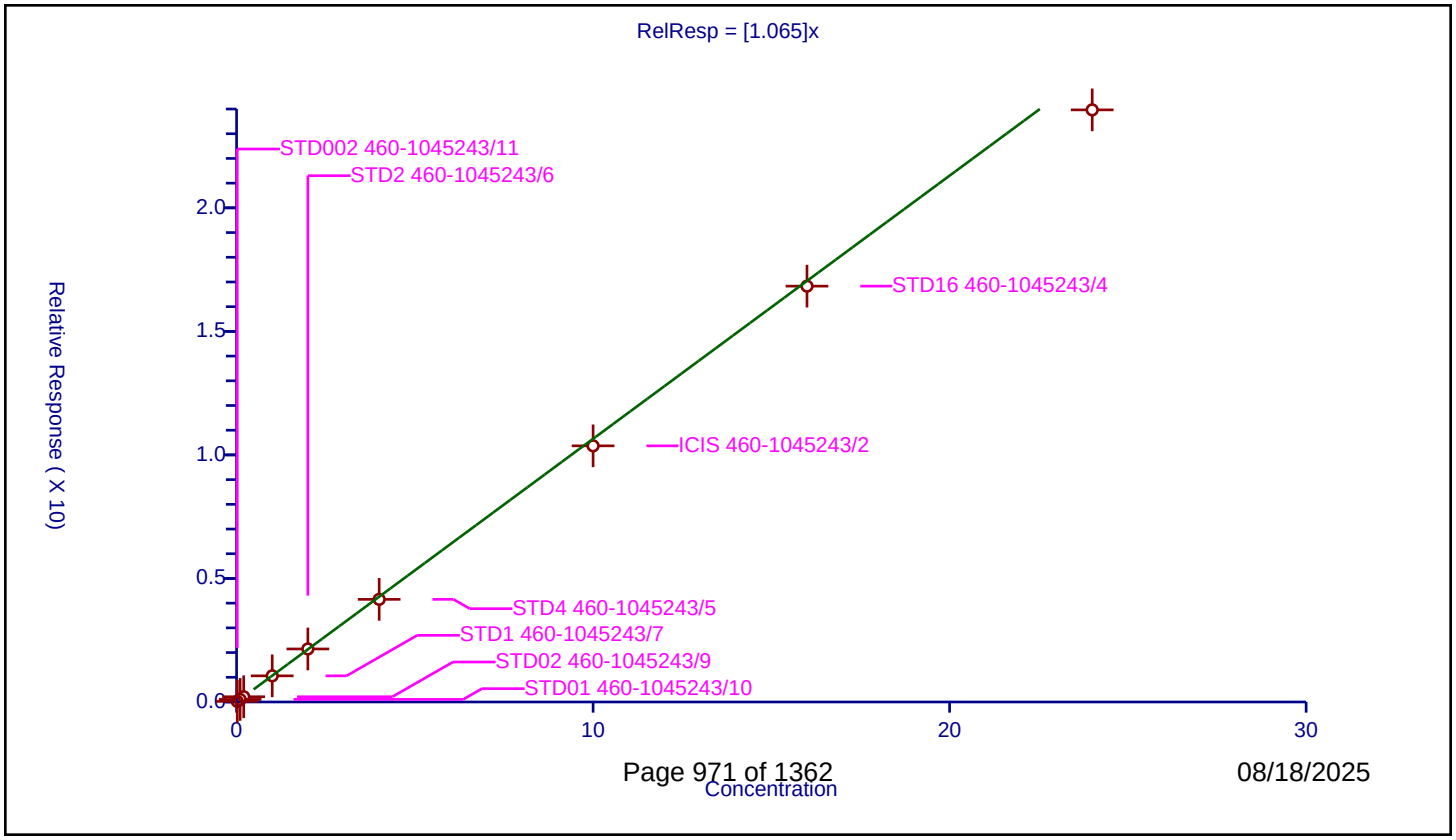
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.065 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.024494 | 8.0 | 1346598.0 | 1.224716 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.10428 | 8.0 | 1395928.0 | 1.042804 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.212426 | 8.0 | 1402350.0 | 1.062131 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.057761 | 8.0 | 1443275.0 | 1.057761 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 2.146666 | 8.0 | 1578664.0 | 1.073333 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 4.15372 | 8.0 | 1472623.0 | 1.03843 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 10.367151 | 8.0 | 1204628.0 | 1.036715 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 16.830989 | 8.0 | 1327835.0 | 1.051937 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 23.96539 | 8.0 | 1151097.0 | 0.998558 | Y |



## Calibration / 4-Chloroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

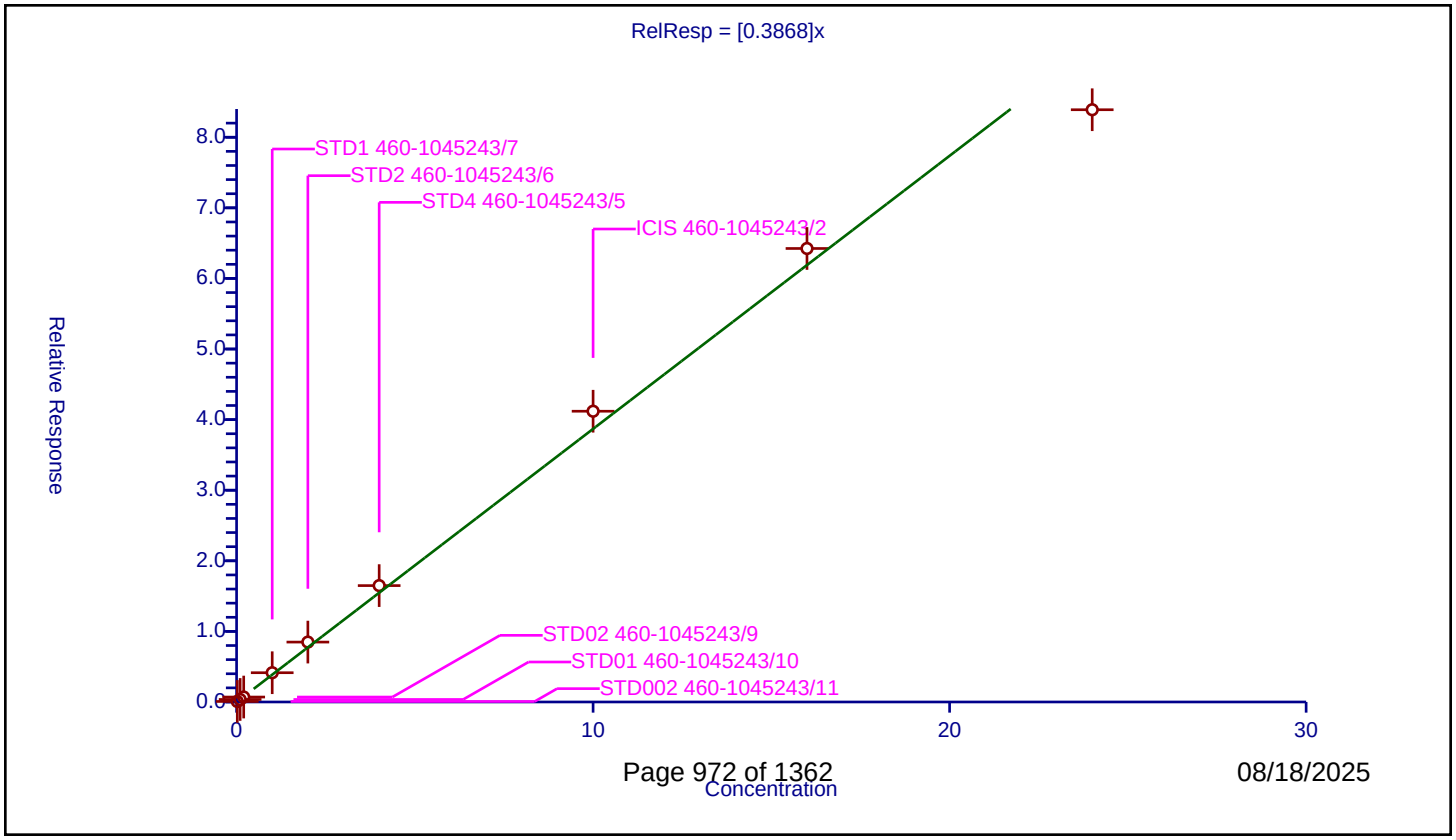
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3868 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.007206 | 8.0 | 1346598.0 | 0.360315 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.035698 | 8.0 | 1395928.0 | 0.356981 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.070031 | 8.0 | 1402350.0 | 0.350155 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.414657 | 8.0 | 1443275.0 | 0.414657 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 0.848571 | 8.0 | 1578664.0 | 0.424285 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 1.648905 | 8.0 | 1472623.0 | 0.412226 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 4.118968 | 8.0 | 1204628.0 | 0.411897 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 6.424262 | 8.0 | 1327835.0 | 0.401516 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 8.389875 | 8.0 | 1151097.0 | 0.349578 | Y |



## Calibration / 2,6-Dichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

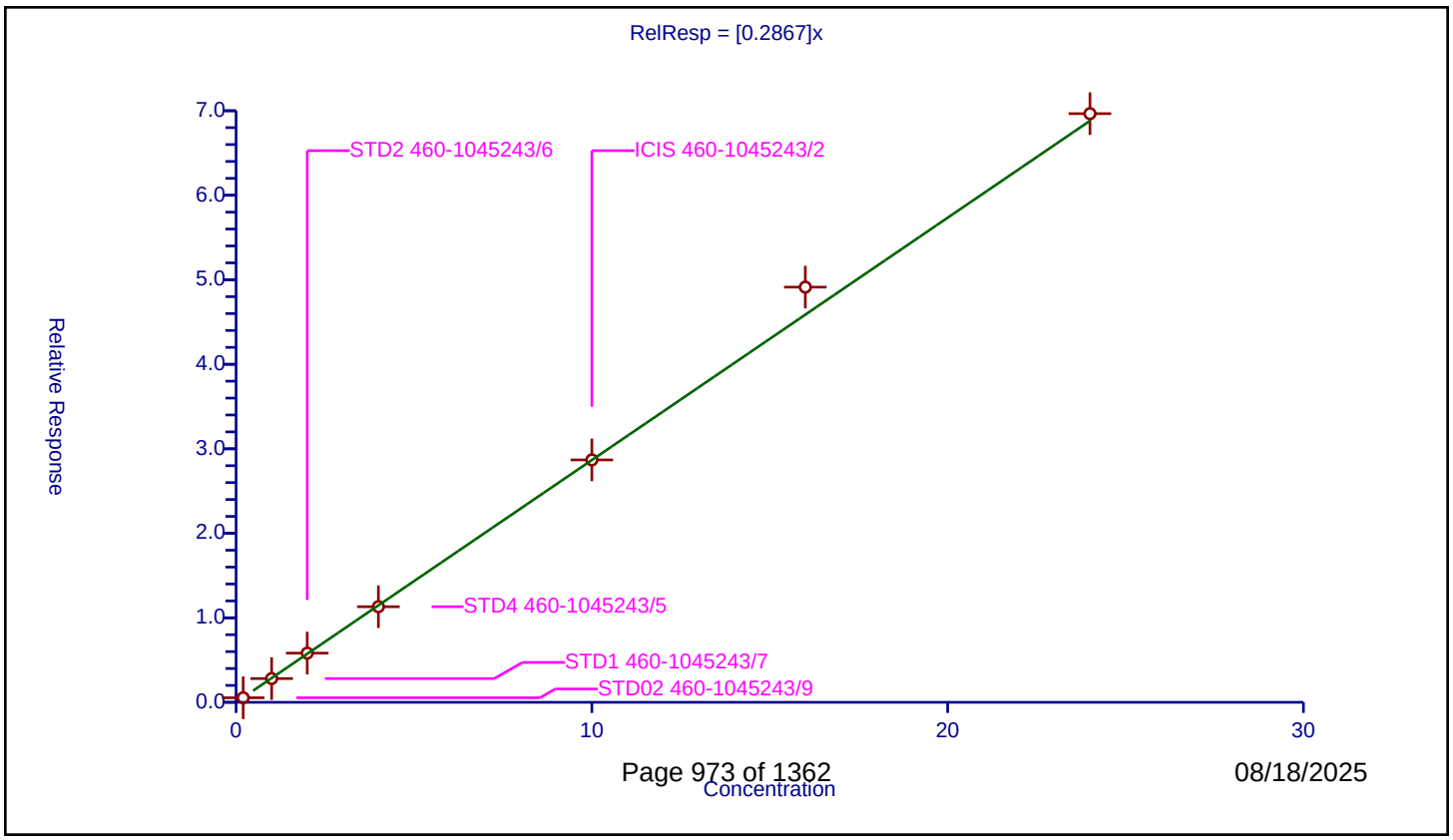
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2867 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.05363 | 8.0 | 1402350.0 | 0.26815 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.280811 | 8.0 | 1443275.0 | 0.280811 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.581889 | 8.0 | 1578664.0 | 0.290945 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.131184 | 8.0 | 1472623.0 | 0.282796 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 2.868703 | 8.0 | 1204628.0 | 0.28687 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 4.912839 | 8.0 | 1327835.0 | 0.307052 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 6.965724 | 8.0 | 1151097.0 | 0.290239 | Y |



## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

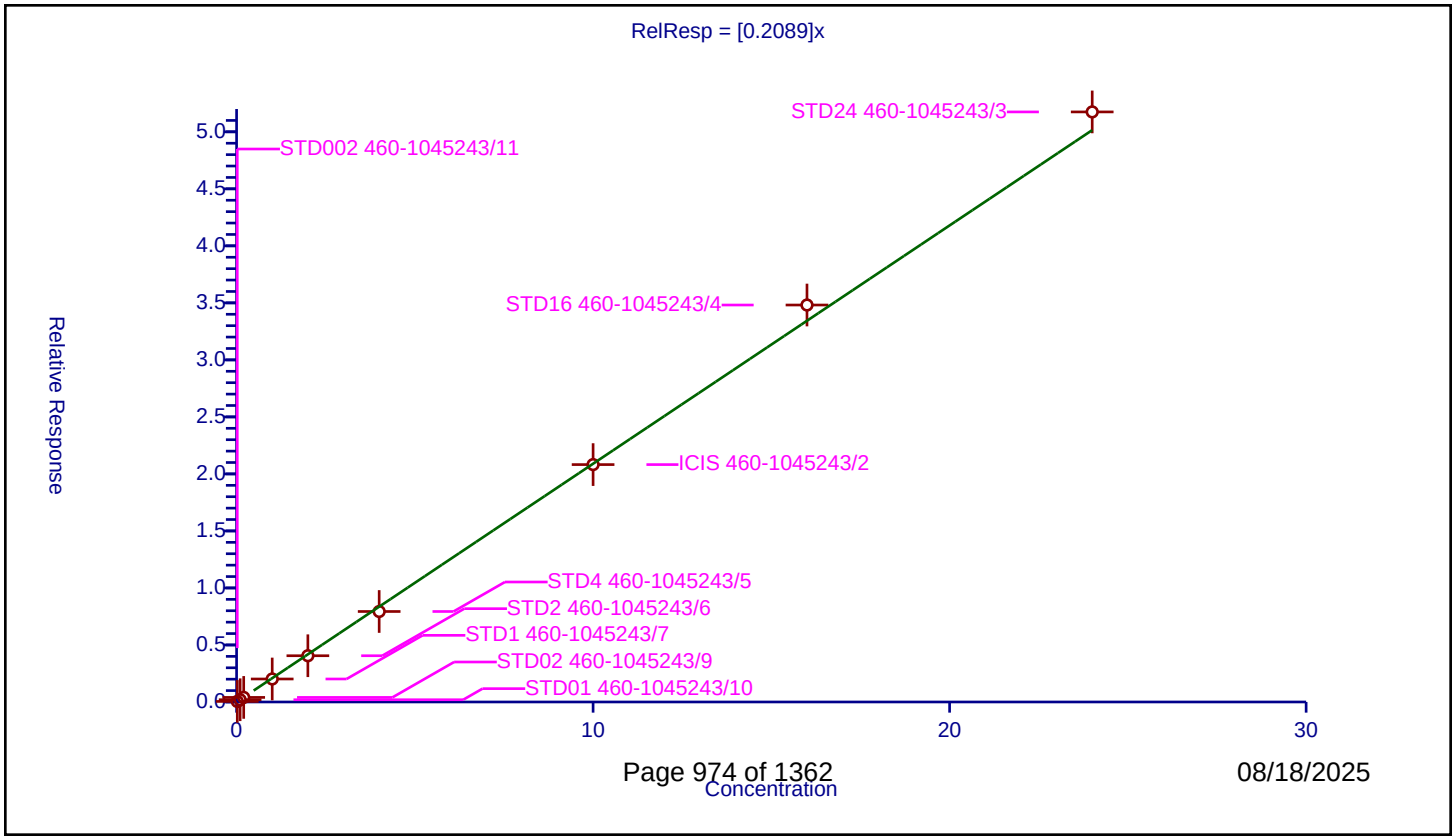
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2089 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.004771 | 8.0 | 1346598.0 | 0.238527 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.019663 | 8.0 | 1395928.0 | 0.196629 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.040218 | 8.0 | 1402350.0 | 0.201091 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.201791 | 8.0 | 1443275.0 | 0.201791 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 0.405513 | 8.0 | 1578664.0 | 0.202756 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 0.793507 | 8.0 | 1472623.0 | 0.198377 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 2.081745 | 8.0 | 1204628.0 | 0.208174 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 3.481107 | 8.0 | 1327835.0 | 0.217569 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 5.174591 | 8.0 | 1151097.0 | 0.215608 | Y |



## Calibration / Caprolactam

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

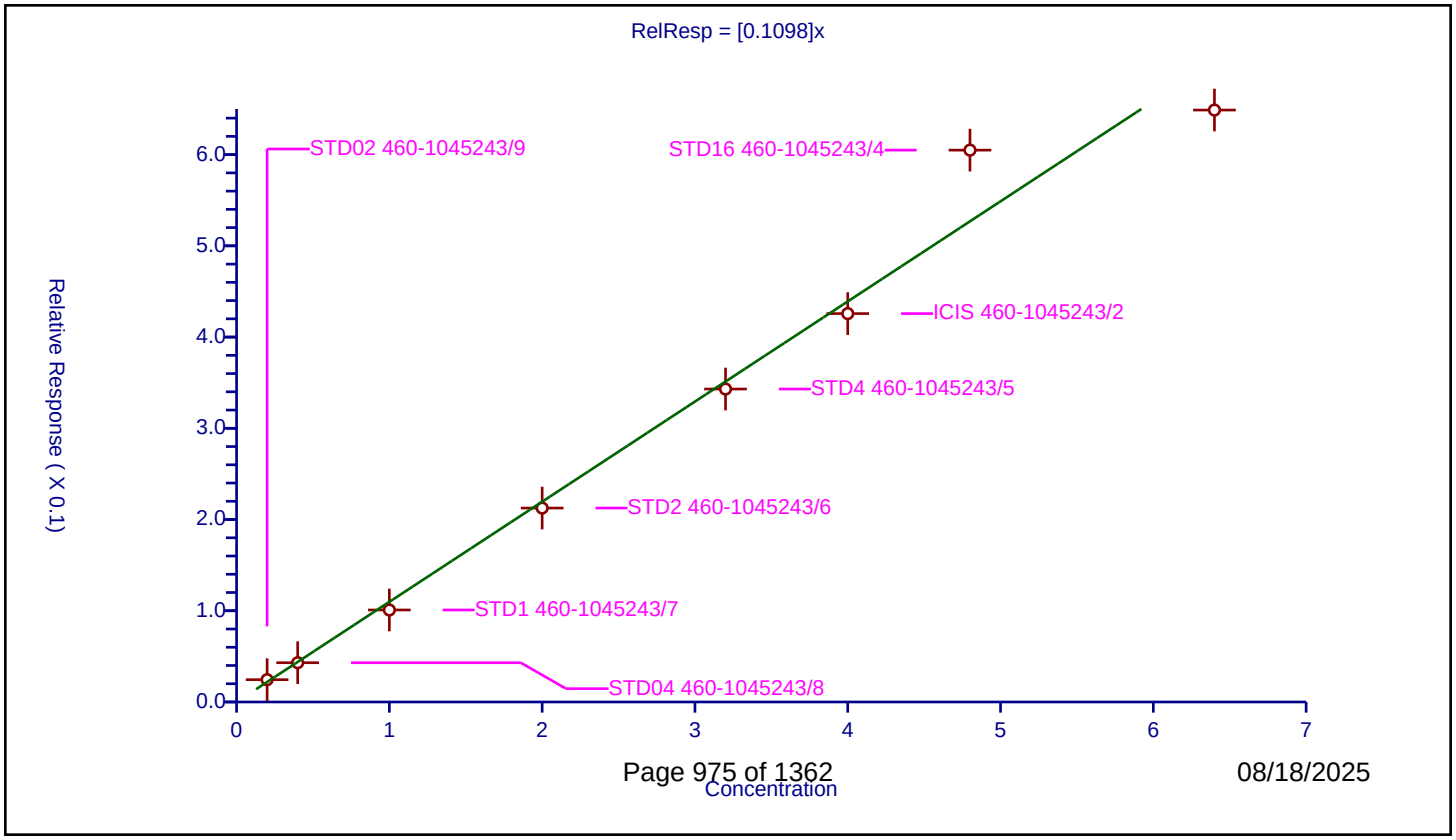
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1098 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.024456 | 8.0 | 1402350.0 | 0.12228 | Y |
| 2 | STD04 460-1045243/8 | 0.4 | 0.043049 | 8.0 | 1376861.0 | 0.107622 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.10086 | 8.0 | 1443275.0 | 0.10086 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 0.212585 | 8.0 | 1578664.0 | 0.106292 | Y |
| 5 | STD4 460-1045243/5 | 3.2 | 0.34305 | 8.0 | 1472623.0 | 0.107203 | Y |
| 6 | ICIS 460-1045243/2 | 4.0 | 0.425731 | 8.0 | 1204628.0 | 0.106433 | Y |
| 7 | STD16 460-1045243/4 | 4.8 | 0.604913 | 8.0 | 1327835.0 | 0.126023 | Y |
| 8 | STD24 460-1045243/3 | 6.4 | 0.64887 | 8.0 | 1151097.0 | 0.101386 | Y |



## Calibration / 4-Chloro-3-methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

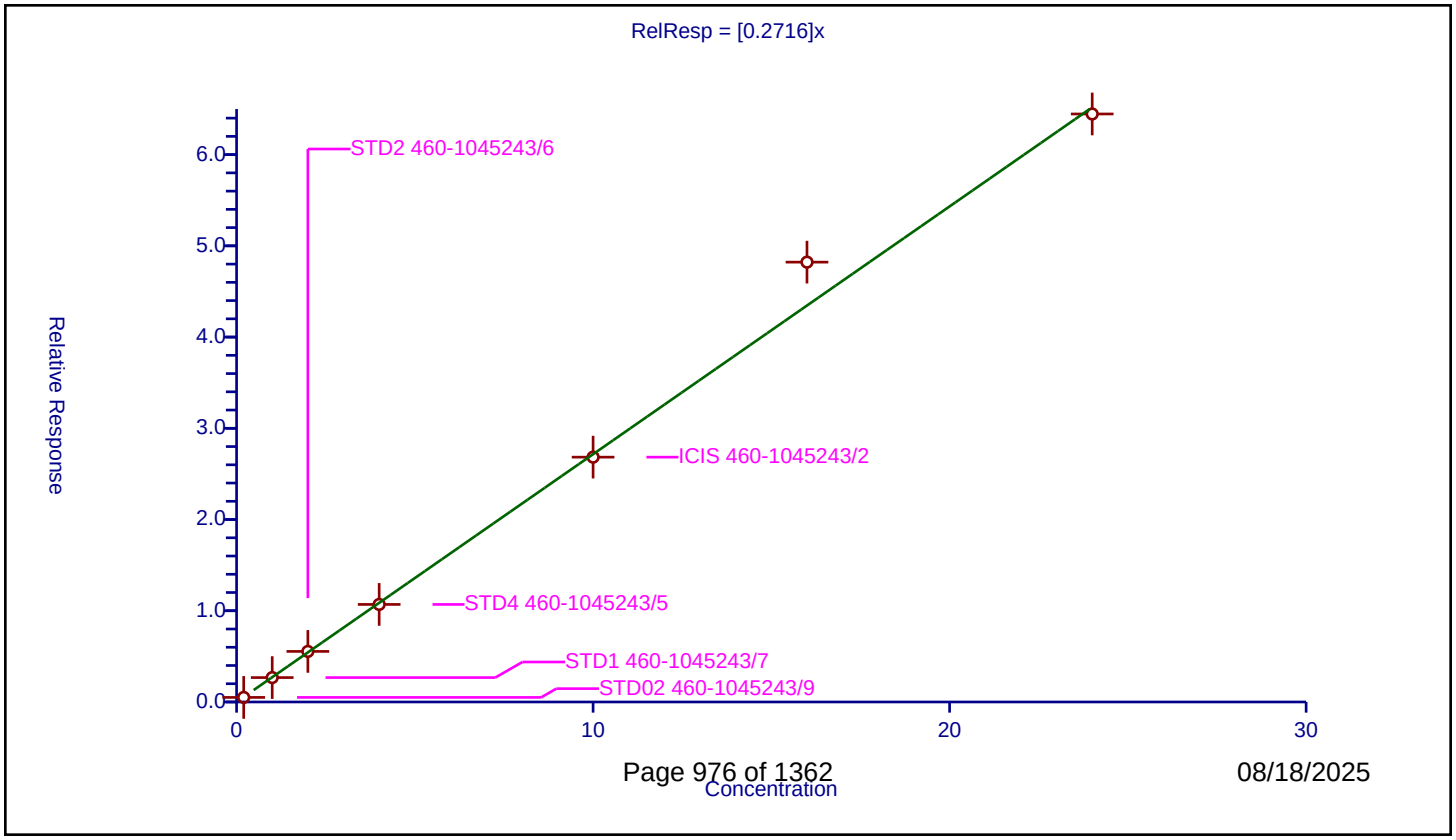
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2716 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.05015 | 8.0 | 1402350.0 | 0.250751 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.267736 | 8.0 | 1443275.0 | 0.267736 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.554286 | 8.0 | 1578664.0 | 0.277143 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.06945 | 8.0 | 1472623.0 | 0.267362 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 2.683876 | 8.0 | 1204628.0 | 0.268388 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 4.821581 | 8.0 | 1327835.0 | 0.301349 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 6.445698 | 8.0 | 1151097.0 | 0.268571 | Y |



## Calibration / 2-Methylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

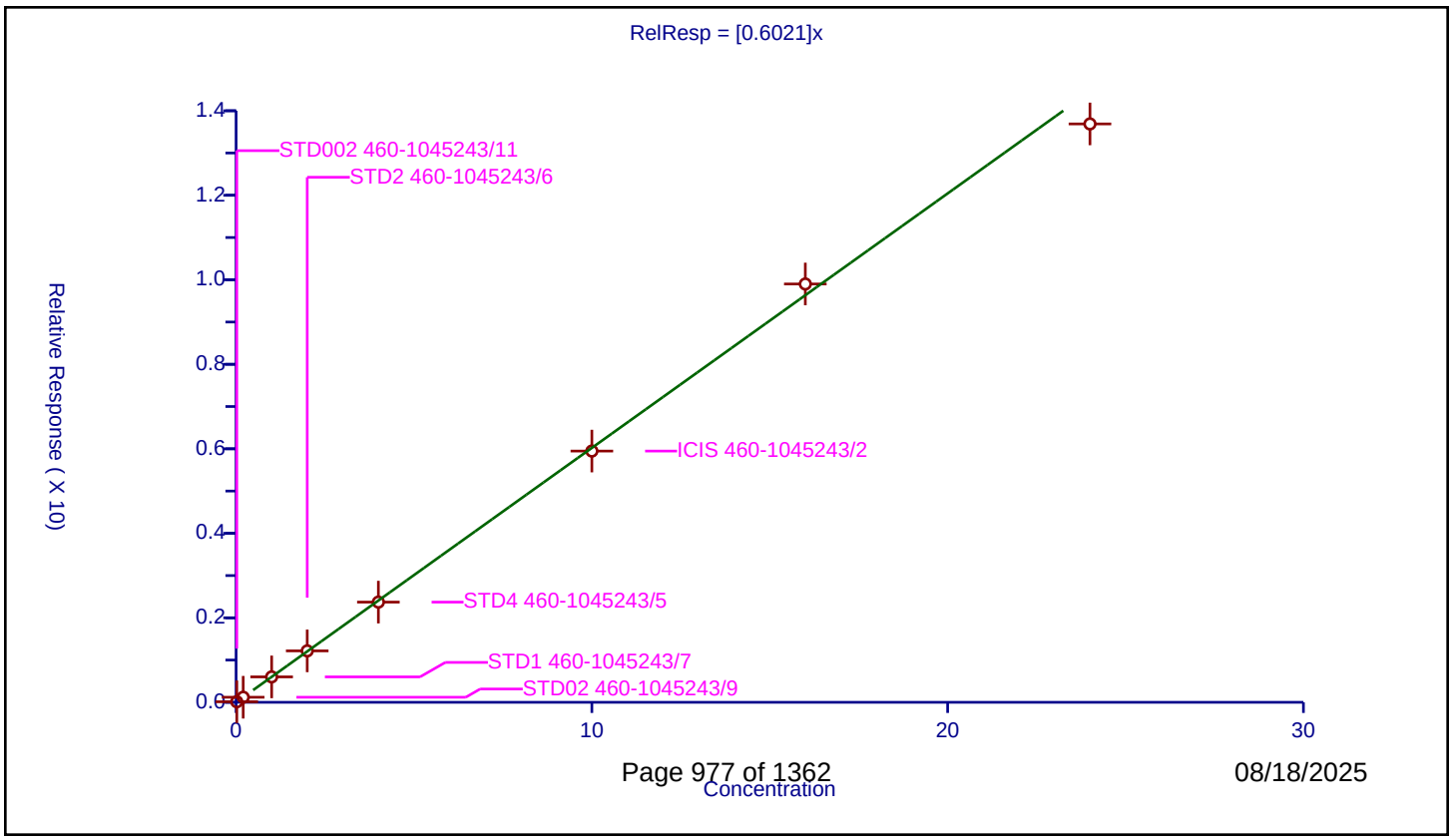
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6021 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.012613 | 8.0 | 1346598.0 | 0.630626 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.119936 | 8.0 | 1402350.0 | 0.599679 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.601665 | 8.0 | 1443275.0 | 0.601665 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 1.217019 | 8.0 | 1578664.0 | 0.608509 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 2.37142 | 8.0 | 1472623.0 | 0.592855 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 5.945975 | 8.0 | 1204628.0 | 0.594598 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 9.900218 | 8.0 | 1327835.0 | 0.618764 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 13.688042 | 8.0 | 1151097.0 | 0.570335 | Y |



## Calibration / 1-Methylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

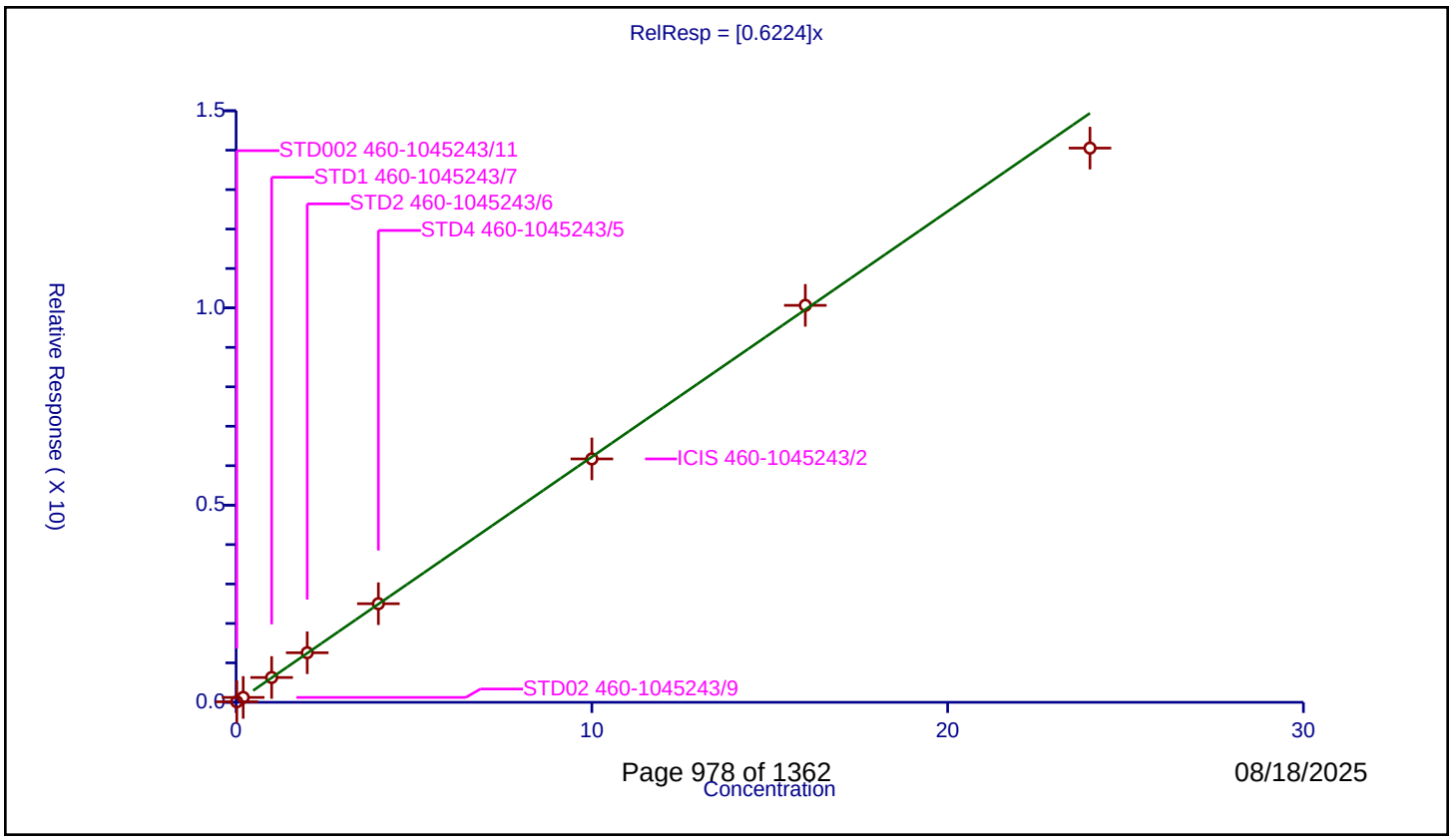
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6224 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.012898 | 8.0 | 1346598.0 | 0.644884 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.124009 | 8.0 | 1402350.0 | 0.620045 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.628964 | 8.0 | 1443275.0 | 0.628964 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 1.257296 | 8.0 | 1578664.0 | 0.628648 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 2.500045 | 8.0 | 1472623.0 | 0.625011 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 6.172143 | 8.0 | 1204628.0 | 0.617214 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 10.065498 | 8.0 | 1327835.0 | 0.629094 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 14.053189 | 8.0 | 1151097.0 | 0.58555 | Y |



## Calibration / 1,2,4,5-Tetrachlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

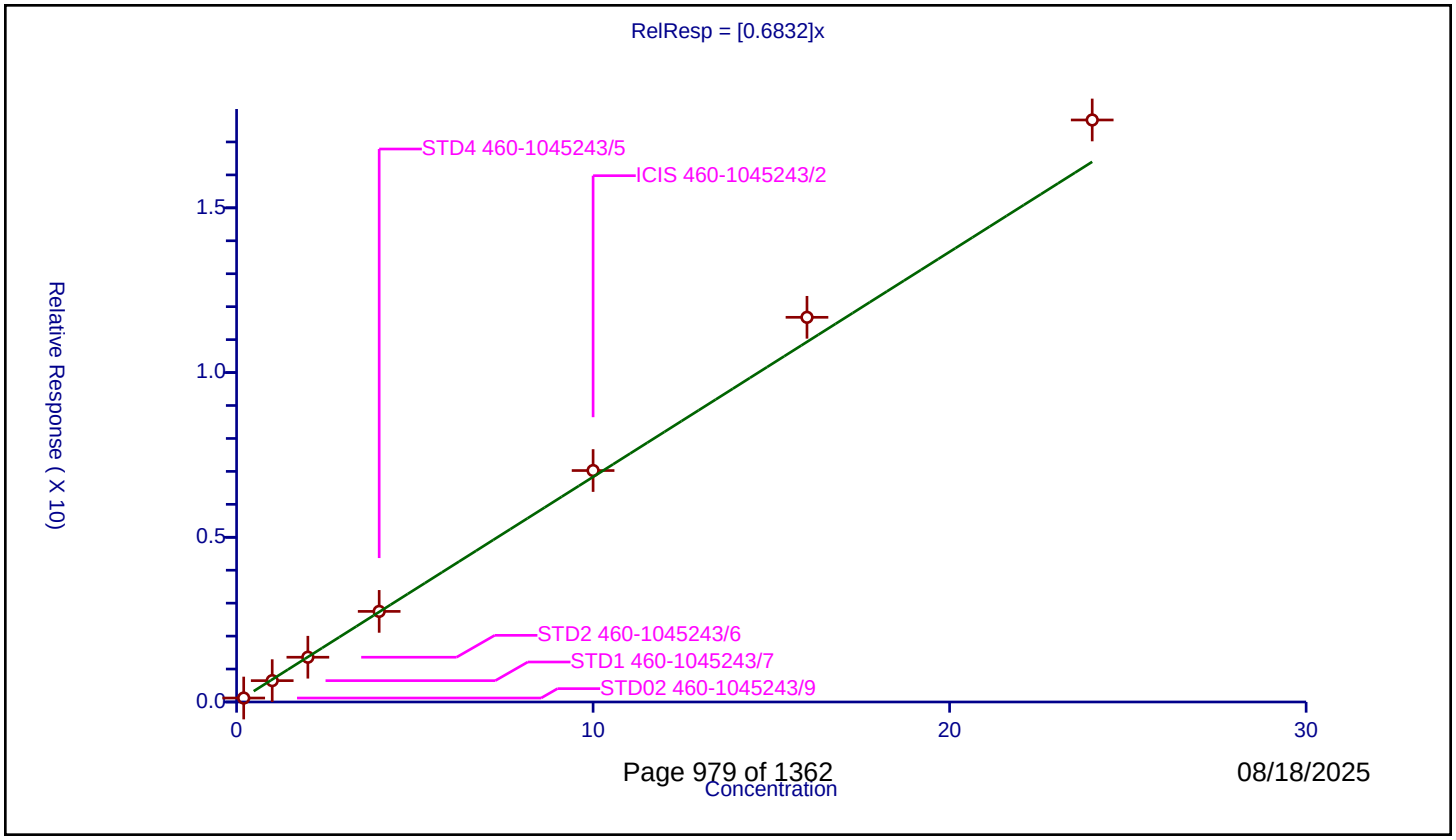
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6832 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.119819 | 8.0 | 731504.0 | 0.599094 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.647927 | 8.0 | 729848.0 | 0.647927 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.358901 | 8.0 | 783274.0 | 0.679451 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 2.750328 | 8.0 | 711057.0 | 0.687582 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 7.026149 | 8.0 | 580779.0 | 0.702615 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 11.677102 | 8.0 | 653915.0 | 0.729819 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 17.666916 | 8.0 | 524912.0 | 0.736121 | Y |



## Calibration / Hexachlorocyclopentadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

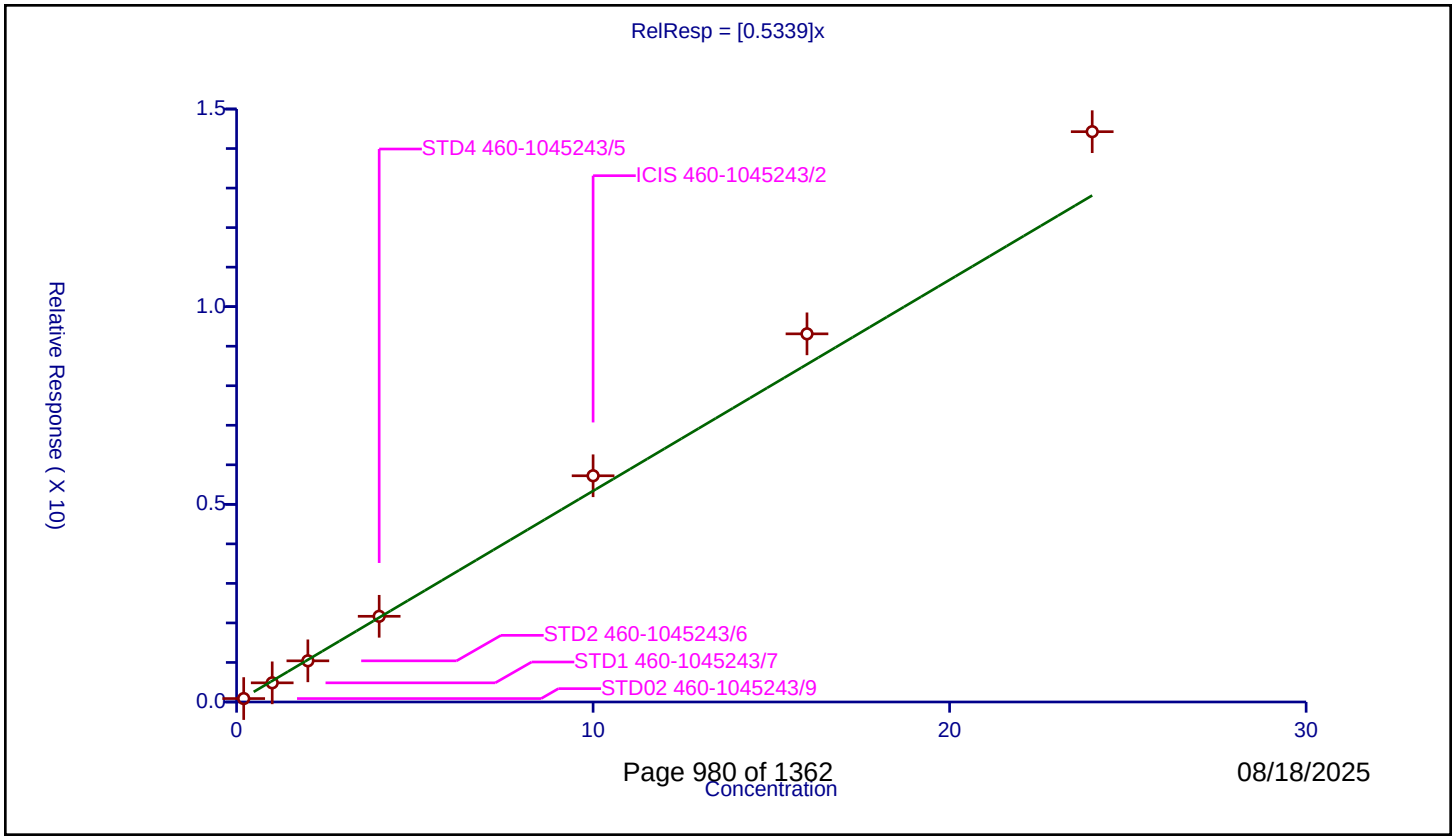
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5339 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.086955 | 8.0 | 731504.0 | 0.434775 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.484375 | 8.0 | 729848.0 | 0.484375 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.041515 | 8.0 | 783274.0 | 0.520758 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 2.167669 | 8.0 | 711057.0 | 0.541917 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 5.722934 | 8.0 | 580779.0 | 0.572293 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 9.313027 | 8.0 | 653915.0 | 0.582064 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 14.426723 | 8.0 | 524912.0 | 0.601113 | Y |



## Calibration / 2-tertbutyl-4-methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

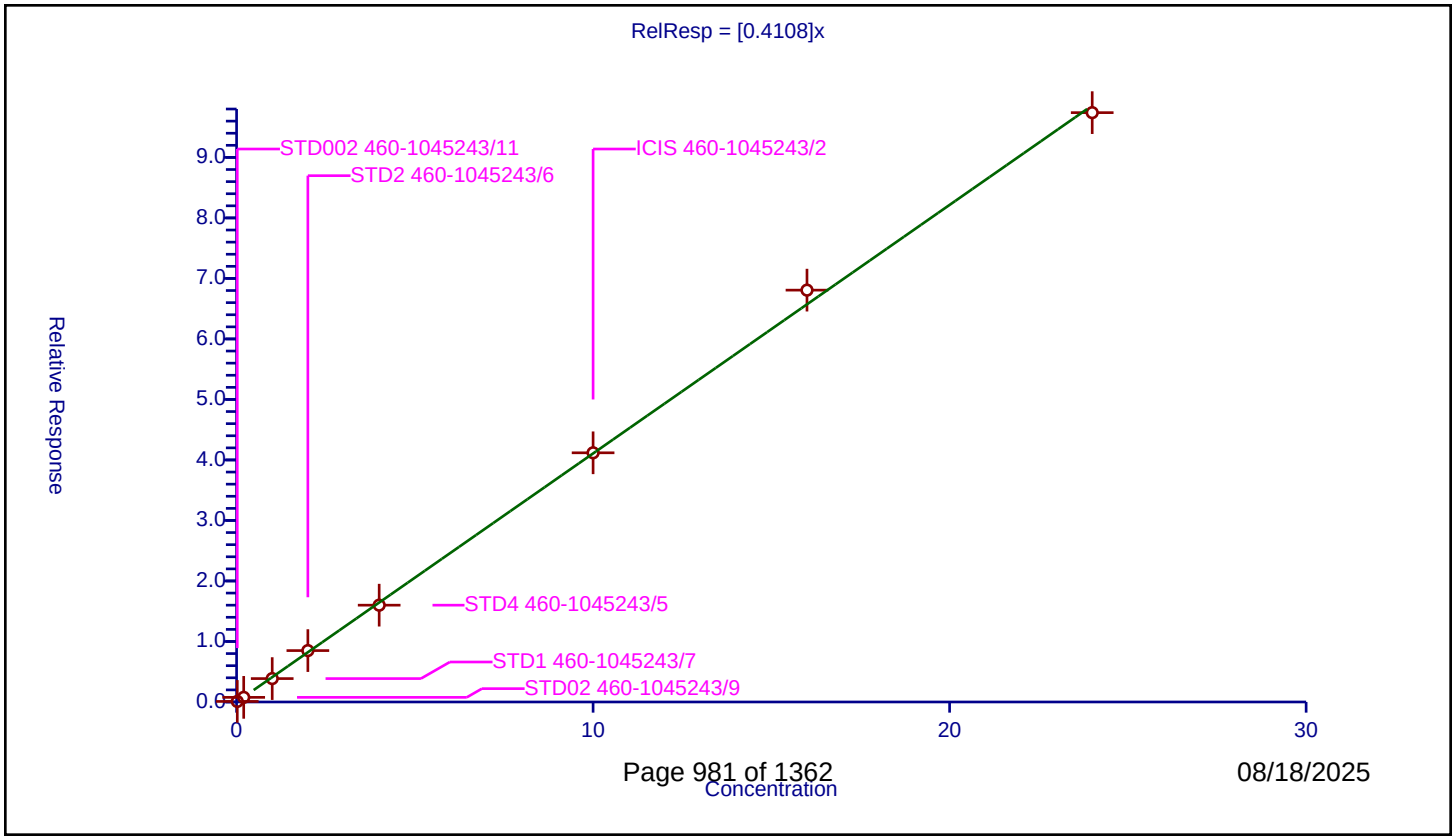
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4108 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.008971 | 8.0 | 1346598.0 | 0.448538 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.076557 | 8.0 | 1402350.0 | 0.382786 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.386842 | 8.0 | 1443275.0 | 0.386842 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 0.849584 | 8.0 | 1578664.0 | 0.424792 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 1.600209 | 8.0 | 1472623.0 | 0.400052 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 4.11849 | 8.0 | 1204628.0 | 0.411849 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 6.806671 | 8.0 | 1327835.0 | 0.425417 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 9.739885 | 8.0 | 1151097.0 | 0.405829 | Y |



## Calibration / 2,4,6-Trichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

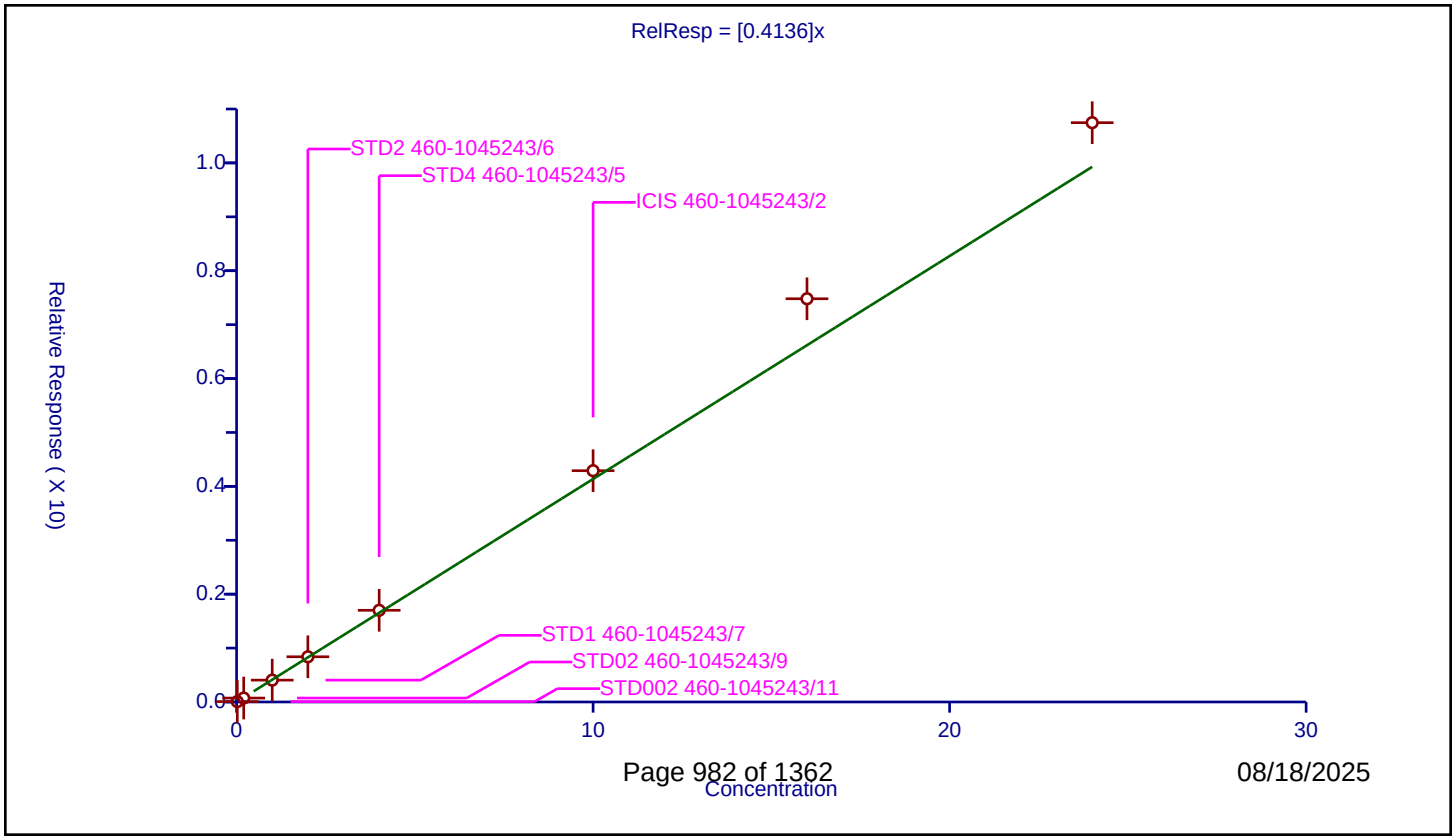
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4136 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.007004 | 8.0 | 702479.0 | 0.350188 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.072891 | 8.0 | 731504.0 | 0.364455 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.405586 | 8.0 | 729848.0 | 0.405586 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 0.838501 | 8.0 | 783274.0 | 0.41925 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 1.701152 | 8.0 | 711057.0 | 0.425288 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 4.290651 | 8.0 | 580779.0 | 0.429065 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 7.480104 | 8.0 | 653915.0 | 0.467506 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 10.746548 | 8.0 | 524912.0 | 0.447773 | Y |



## Calibration / 2,4,5-Trichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

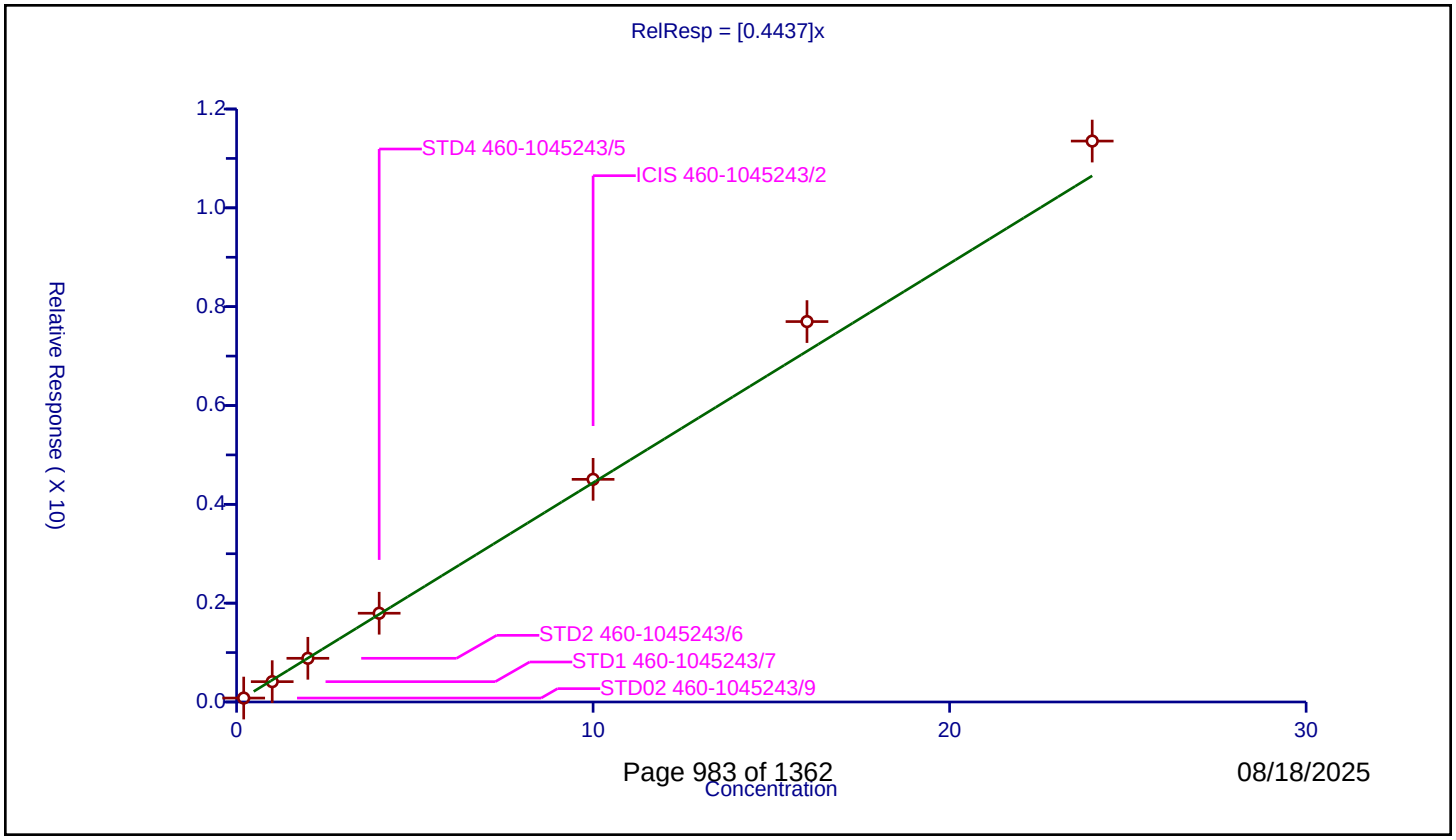
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4437 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.079726 | 8.0 | 731504.0 | 0.398631 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.411231 | 8.0 | 729848.0 | 0.411231 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.884135 | 8.0 | 783274.0 | 0.442068 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.796334 | 8.0 | 711057.0 | 0.449084 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 4.506058 | 8.0 | 580779.0 | 0.450606 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 7.698664 | 8.0 | 653915.0 | 0.481167 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 11.351404 | 8.0 | 524912.0 | 0.472975 | Y |



## Calibration / 2-Fluorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

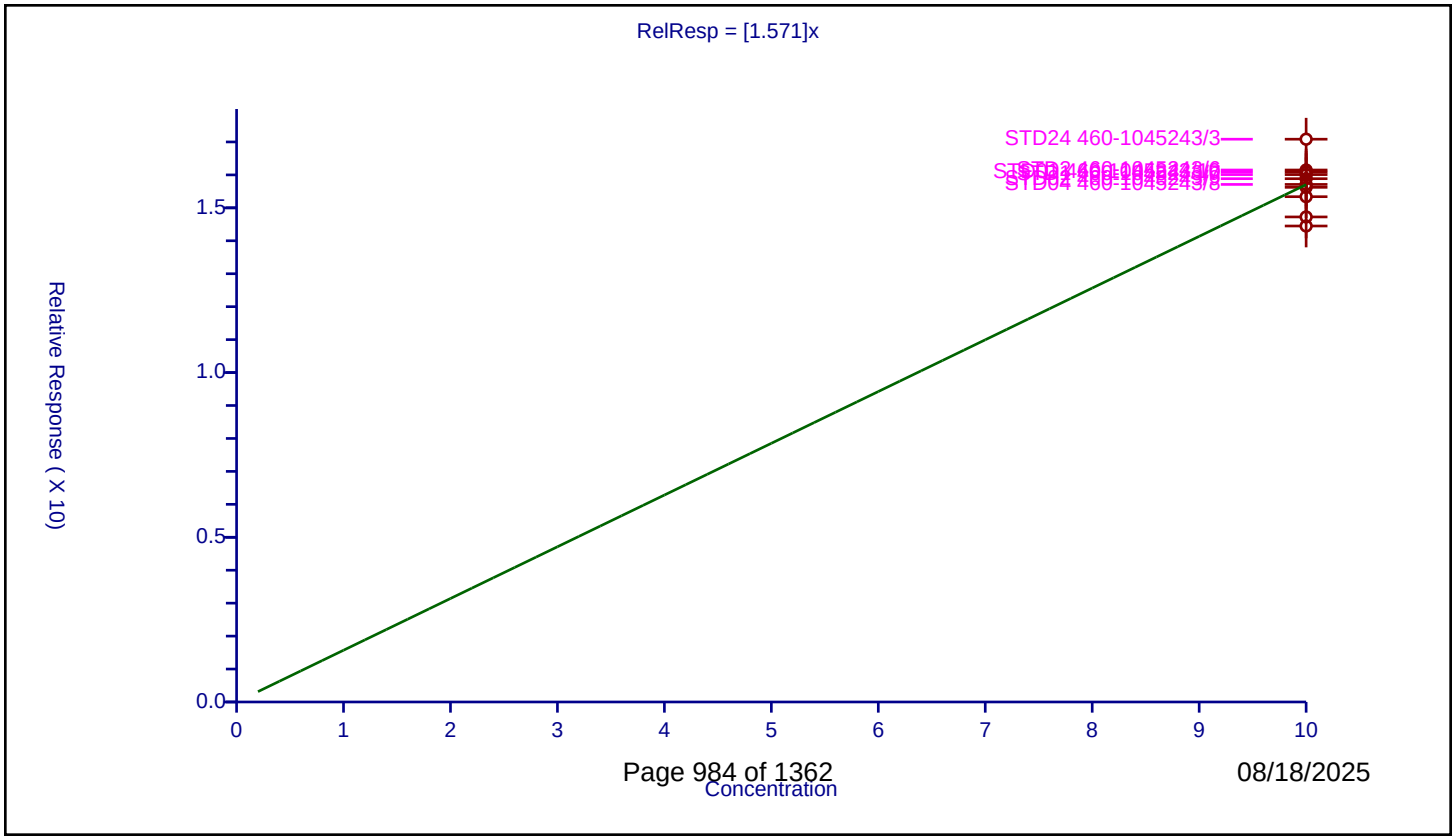
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.571 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1045243/2 | 10.0 | 14.448704 | 8.0 | 580779.0 | 1.44487 | Y |
| 2 | STD24 460-1045243/3 | 10.0 | 17.083854 | 8.0 | 524912.0 | 1.708385 | Y |
| 3 | STD16 460-1045243/4 | 10.0 | 14.724128 | 8.0 | 653915.0 | 1.472413 | Y |
| 4 | STD4 460-1045243/5 | 10.0 | 15.62295 | 8.0 | 711057.0 | 1.562295 | Y |
| 5 | STD2 460-1045243/6 | 10.0 | 16.148321 | 8.0 | 783274.0 | 1.614832 | Y |
| 6 | STD1 460-1045243/7 | 10.0 | 16.008341 | 8.0 | 729848.0 | 1.600834 | Y |
| 7 | STD04 460-1045243/8 | 10.0 | 15.710985 | 8.0 | 712682.0 | 1.571098 | Y |
| 8 | STD02 460-1045243/9 | 10.0 | 15.884534 | 8.0 | 731504.0 | 1.588453 | Y |
| 9 | STD01 460-1045243/10 | 10.0 | 16.083621 | 8.0 | 726132.0 | 1.608362 | Y |
| 10 | STD002 460-1045243/11 | 10.0 | 15.338639 | 8.0 | 702479.0 | 1.533864 | Y |



## Calibration / 1,1'-Biphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

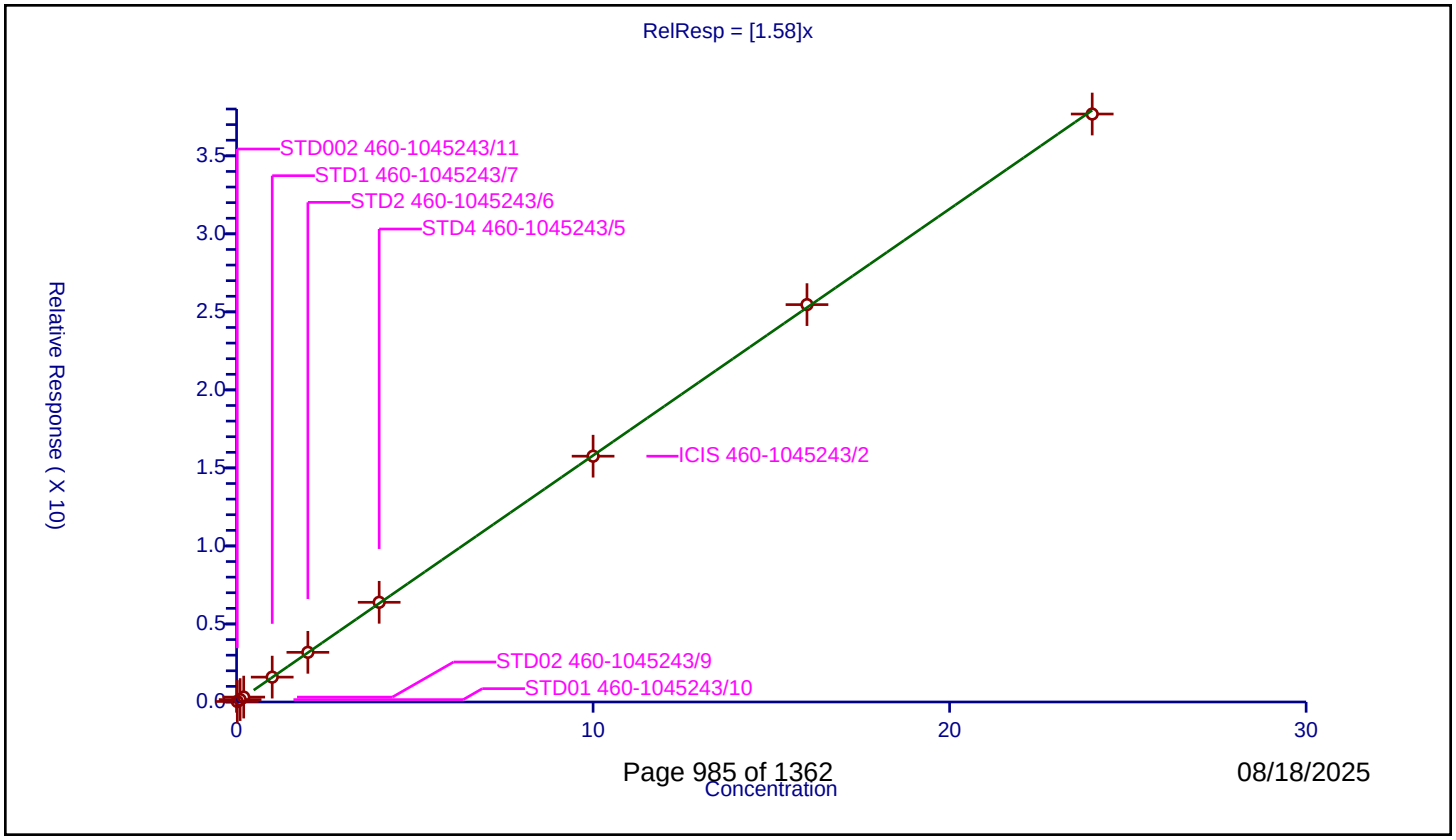
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.58 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.032001 | 8.0 | 702479.0 | 1.600048 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.153151 | 8.0 | 726132.0 | 1.531512 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.313677 | 8.0 | 731504.0 | 1.568385 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.59368 | 8.0 | 729848.0 | 1.59368 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 3.182661 | 8.0 | 783274.0 | 1.591331 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 6.388371 | 8.0 | 711057.0 | 1.597093 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 15.752333 | 8.0 | 580779.0 | 1.575233 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 25.464826 | 8.0 | 653915.0 | 1.591552 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 37.678529 | 8.0 | 524912.0 | 1.569939 | Y |



## Calibration / 2-Chloronaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

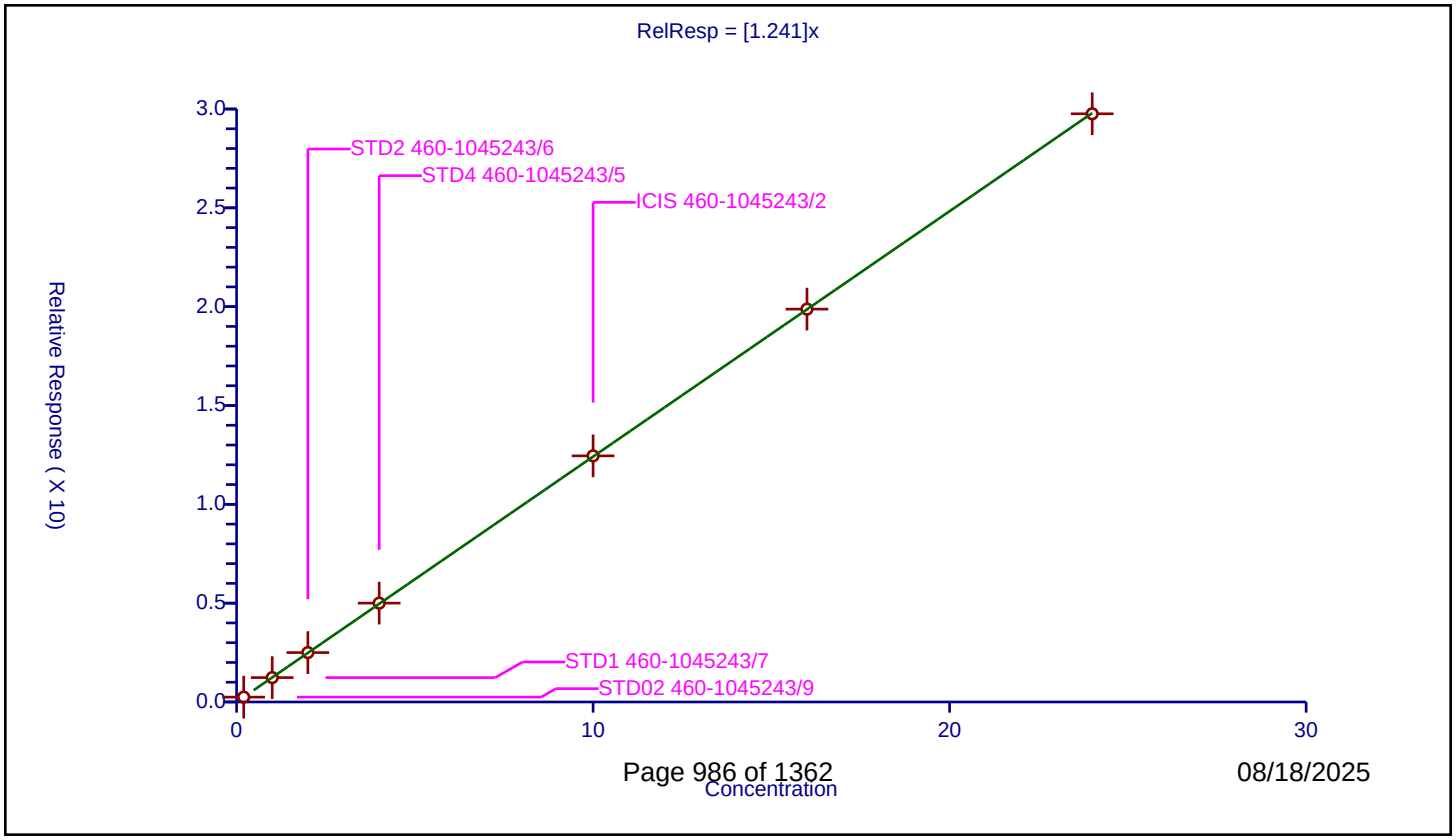
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.241 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.24585 | 8.0 | 731504.0 | 1.229248 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.233166 | 8.0 | 729848.0 | 1.233166 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.499917 | 8.0 | 783274.0 | 1.249959 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 5.001759 | 8.0 | 711057.0 | 1.25044 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 12.45202 | 8.0 | 580779.0 | 1.245202 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 19.876589 | 8.0 | 653915.0 | 1.242287 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 29.759061 | 8.0 | 524912.0 | 1.239961 | Y |



## Calibration / Phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

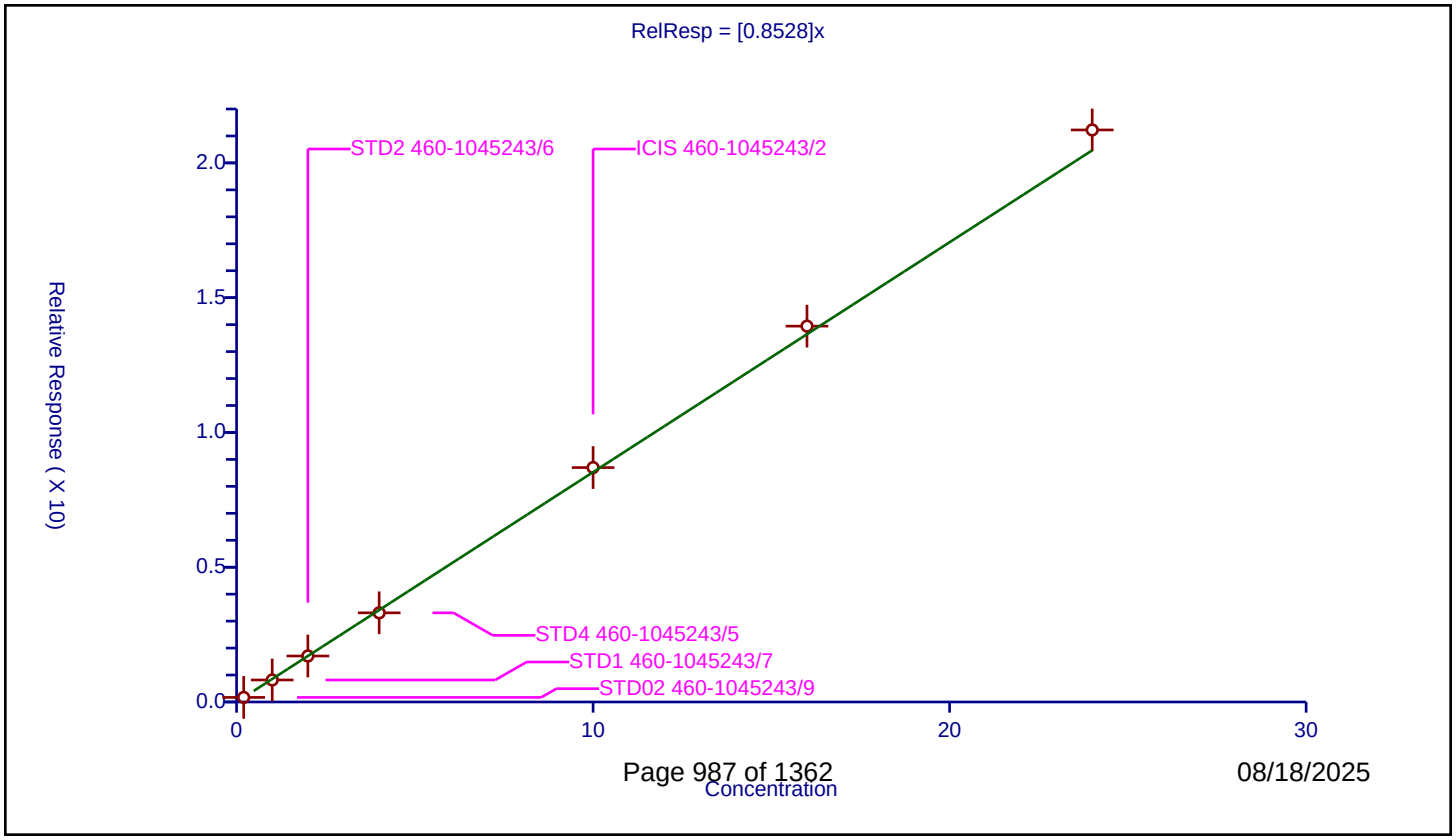
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8528 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.169393 | 8.0 | 731504.0 | 0.846967 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.817003 | 8.0 | 729848.0 | 0.817003 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.706519 | 8.0 | 783274.0 | 0.85326 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 3.30747 | 8.0 | 711057.0 | 0.826868 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 8.69727 | 8.0 | 580779.0 | 0.869727 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 13.944332 | 8.0 | 653915.0 | 0.871521 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 21.223672 | 8.0 | 524912.0 | 0.88432 | Y |



## Calibration / 2-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

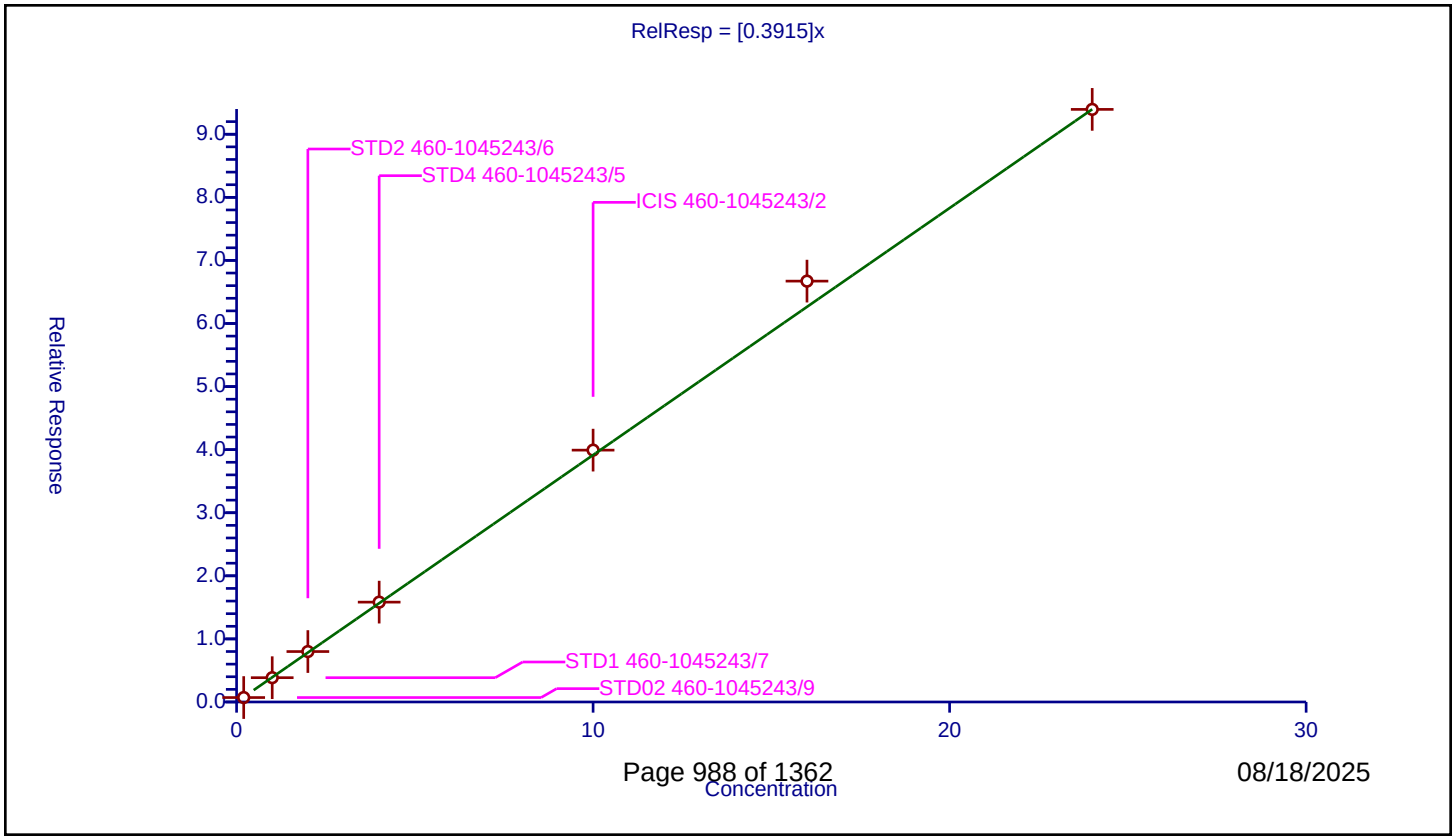
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3915 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.070365 | 8.0 | 731504.0 | 0.351823 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.385428 | 8.0 | 729848.0 | 0.385428 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.799669 | 8.0 | 783274.0 | 0.399835 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.582894 | 8.0 | 711057.0 | 0.395724 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 3.992293 | 8.0 | 580779.0 | 0.399229 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 6.671901 | 8.0 | 653915.0 | 0.416994 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 9.393925 | 8.0 | 524912.0 | 0.391414 | Y |



## Calibration / 1,3-Dimethylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

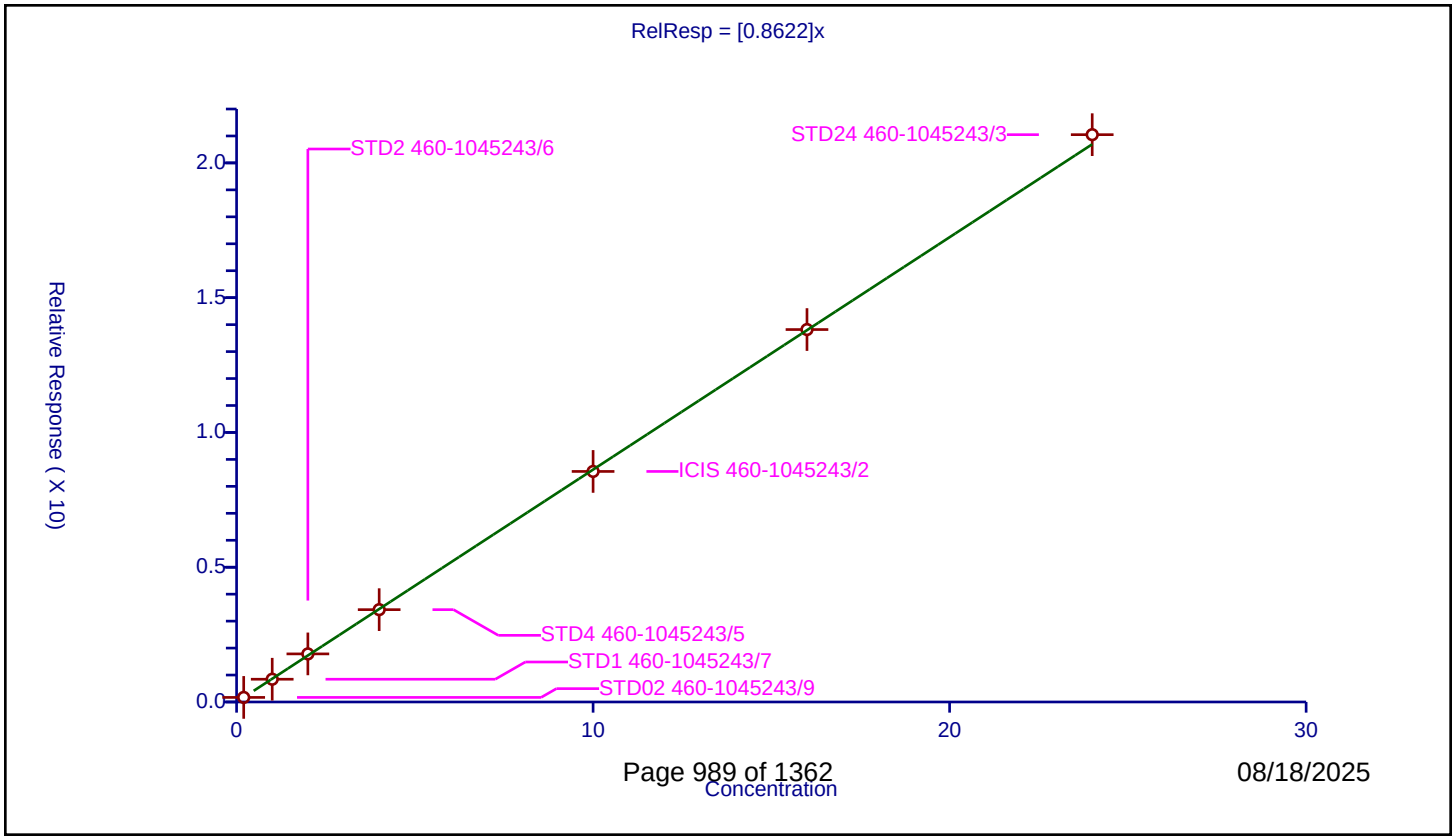
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8622 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.169262 | 8.0 | 731504.0 | 0.846311 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.844472 | 8.0 | 729848.0 | 0.844472 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.784091 | 8.0 | 783274.0 | 0.892045 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 3.425458 | 8.0 | 711057.0 | 0.856365 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 8.553601 | 8.0 | 580779.0 | 0.85536 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 13.817784 | 8.0 | 653915.0 | 0.863611 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 21.048298 | 8.0 | 524912.0 | 0.877012 | Y |



## Calibration / Coumarin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

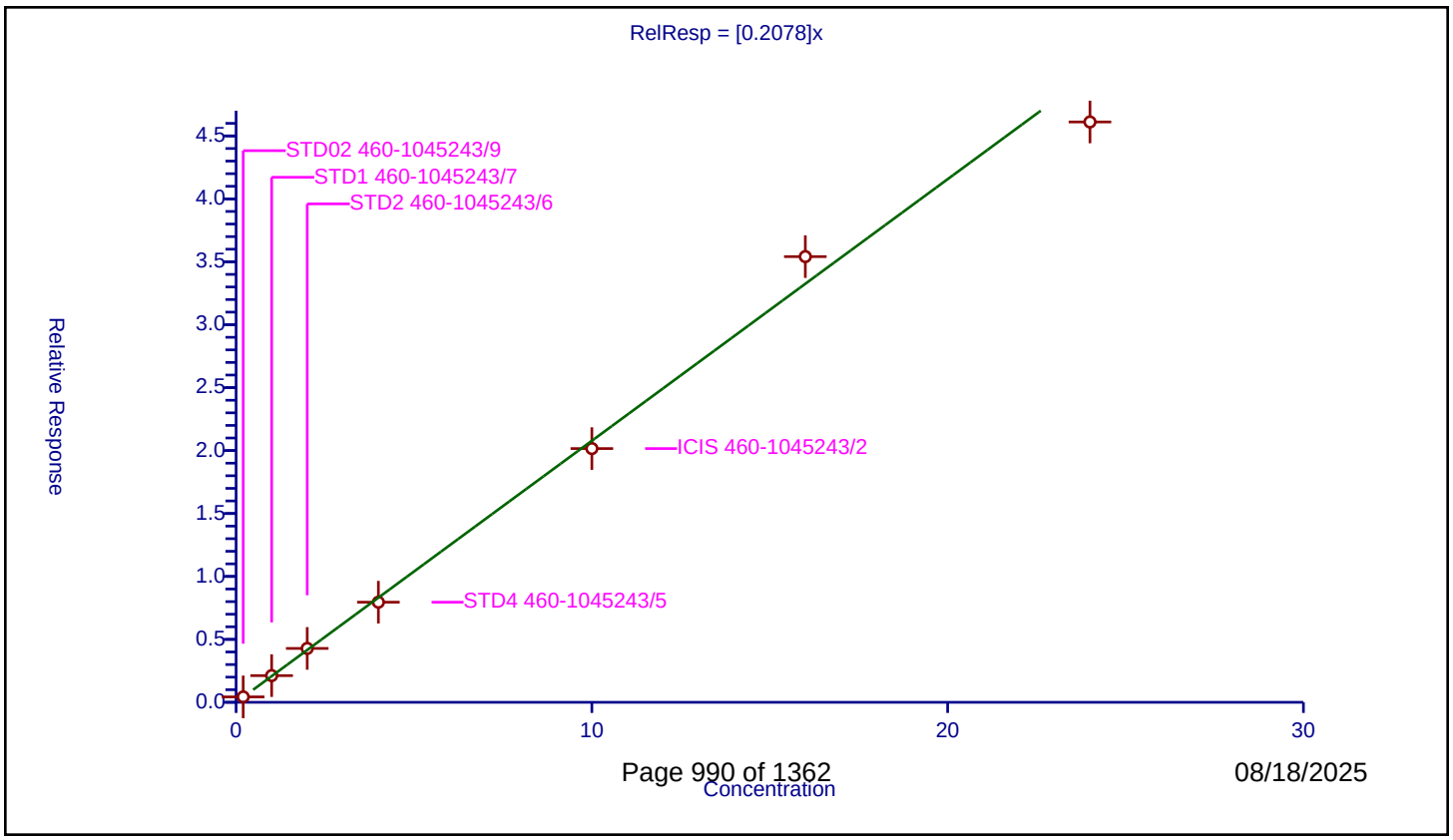
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2078 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.042934 | 8.0 | 1402350.0 | 0.214668 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.212034 | 8.0 | 1443275.0 | 0.212034 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.42817 | 8.0 | 1578664.0 | 0.214085 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 0.795484 | 8.0 | 1472623.0 | 0.198871 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 2.016071 | 8.0 | 1204628.0 | 0.201607 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 3.541169 | 8.0 | 1327835.0 | 0.221323 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 4.611031 | 8.0 | 1151097.0 | 0.192126 | Y |



## Calibration / Dimethyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

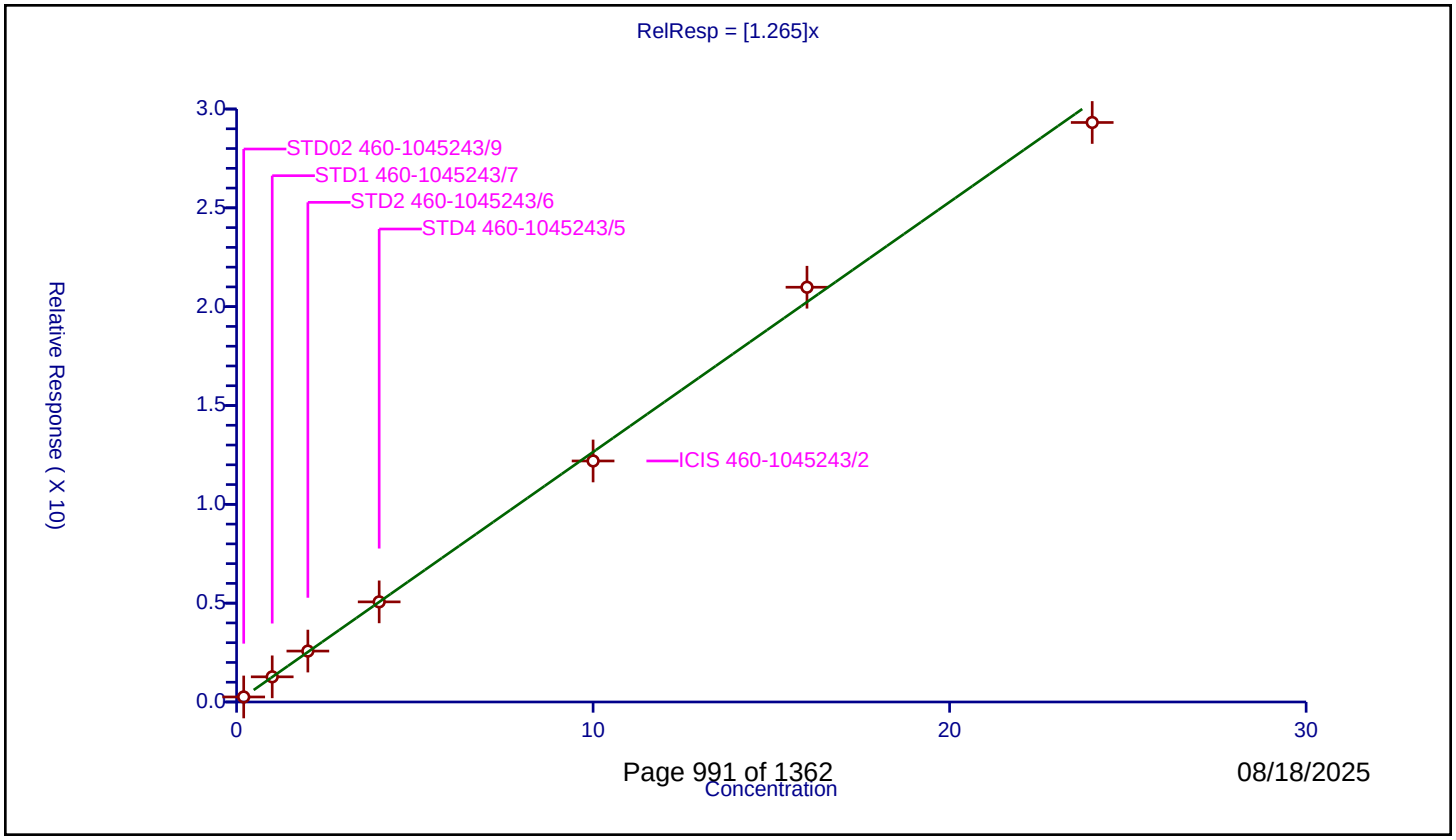
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.265 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.254555 | 8.0 | 731504.0 | 1.272775 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.273339 | 8.0 | 729848.0 | 1.273339 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.575987 | 8.0 | 783274.0 | 1.287994 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 5.065777 | 8.0 | 711057.0 | 1.266444 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 12.194752 | 8.0 | 580779.0 | 1.219475 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 20.983363 | 8.0 | 653915.0 | 1.31146 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 29.318972 | 8.0 | 524912.0 | 1.221624 | Y |



## Calibration / 2,6-Dinitrotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

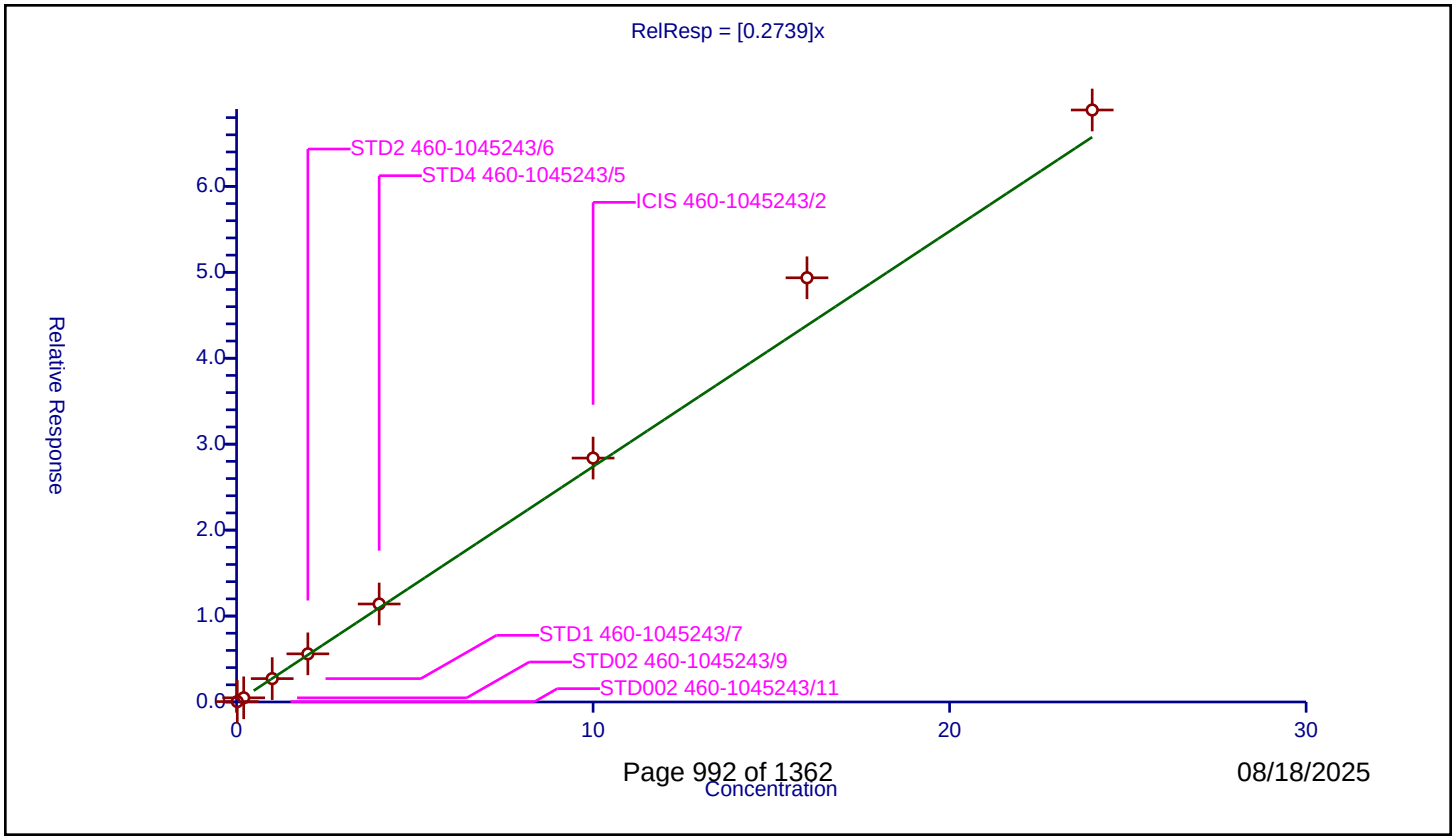
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2739 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.004646 | 8.0 | 702479.0 | 0.23232 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.048459 | 8.0 | 731504.0 | 0.242295 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.272035 | 8.0 | 729848.0 | 0.272035 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 0.560111 | 8.0 | 783274.0 | 0.280055 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 1.140184 | 8.0 | 711057.0 | 0.285046 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 2.838298 | 8.0 | 580779.0 | 0.28383 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 4.936201 | 8.0 | 653915.0 | 0.308513 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 6.888393 | 8.0 | 524912.0 | 0.287016 | Y |



## Calibration / Acenaphthylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

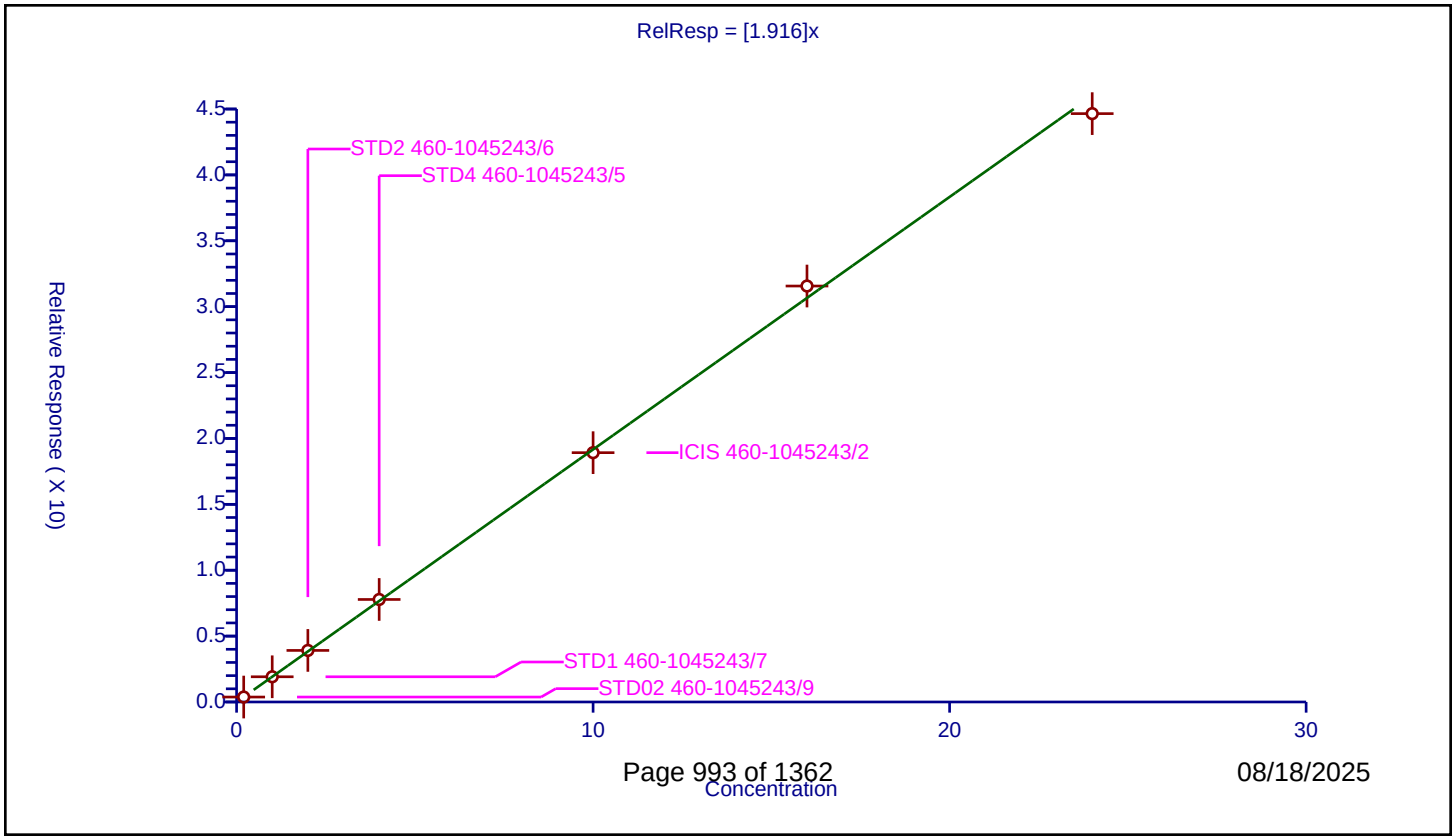
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.916 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.3748 | 8.0 | 731504.0 | 1.874002 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.91367 | 8.0 | 729848.0 | 1.91367 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 3.913093 | 8.0 | 783274.0 | 1.956546 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 7.779731 | 8.0 | 711057.0 | 1.944933 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 18.919734 | 8.0 | 580779.0 | 1.891973 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 31.567552 | 8.0 | 653915.0 | 1.972972 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 44.649724 | 8.0 | 524912.0 | 1.860405 | Y |






08/18/2025

## Calibration / 3-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

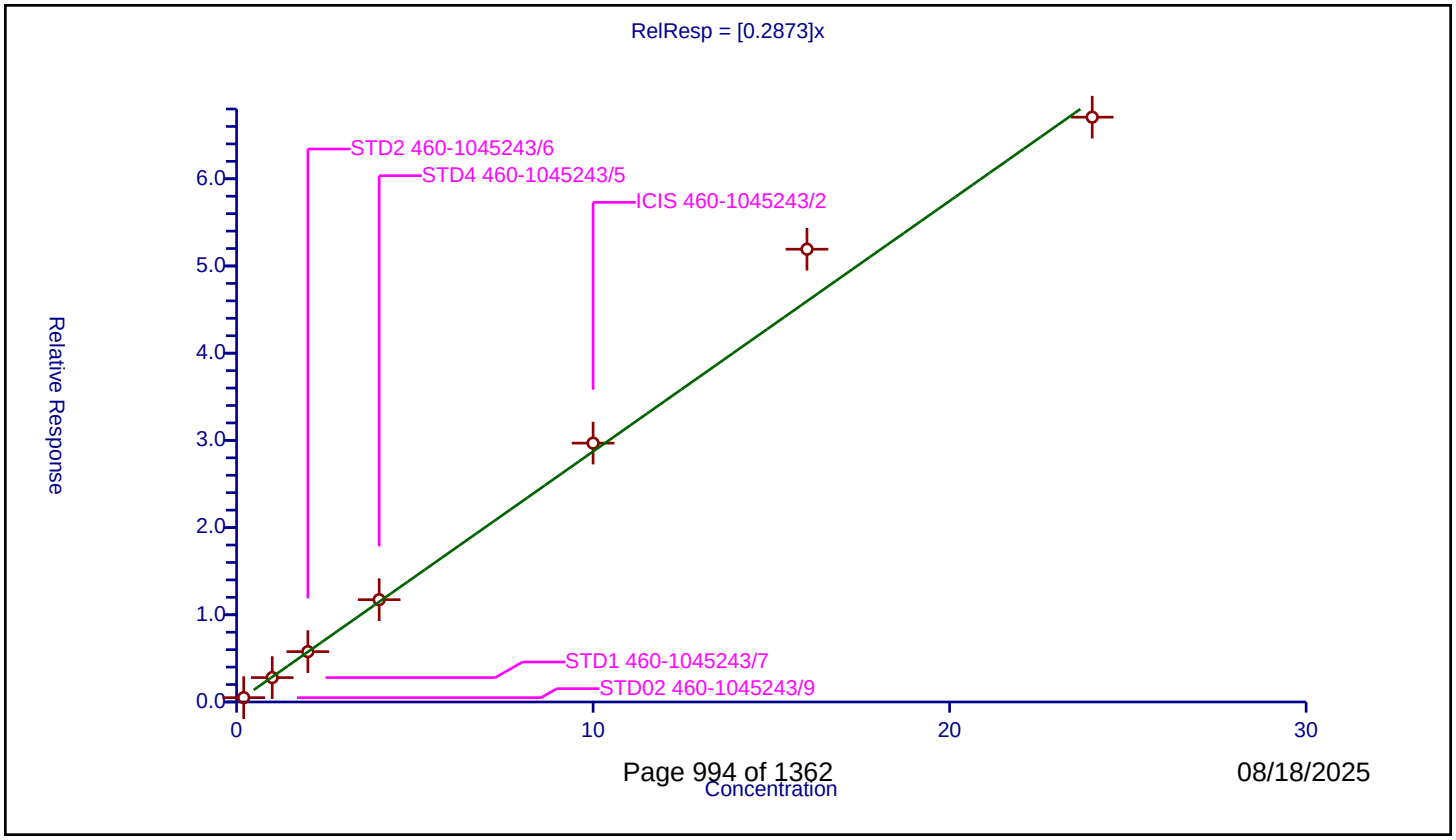
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2873 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.049695 | 8.0 | 731504.0 | 0.248474 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.279719 | 8.0 | 729848.0 | 0.279719 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.577371 | 8.0 | 783274.0 | 0.288686 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.173071 | 8.0 | 711057.0 | 0.293268 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 2.968496 | 8.0 | 580779.0 | 0.29685 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 5.192259 | 8.0 | 653915.0 | 0.324516 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 6.706511 | 8.0 | 524912.0 | 0.279438 | Y |



## Calibration / Acenaphthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

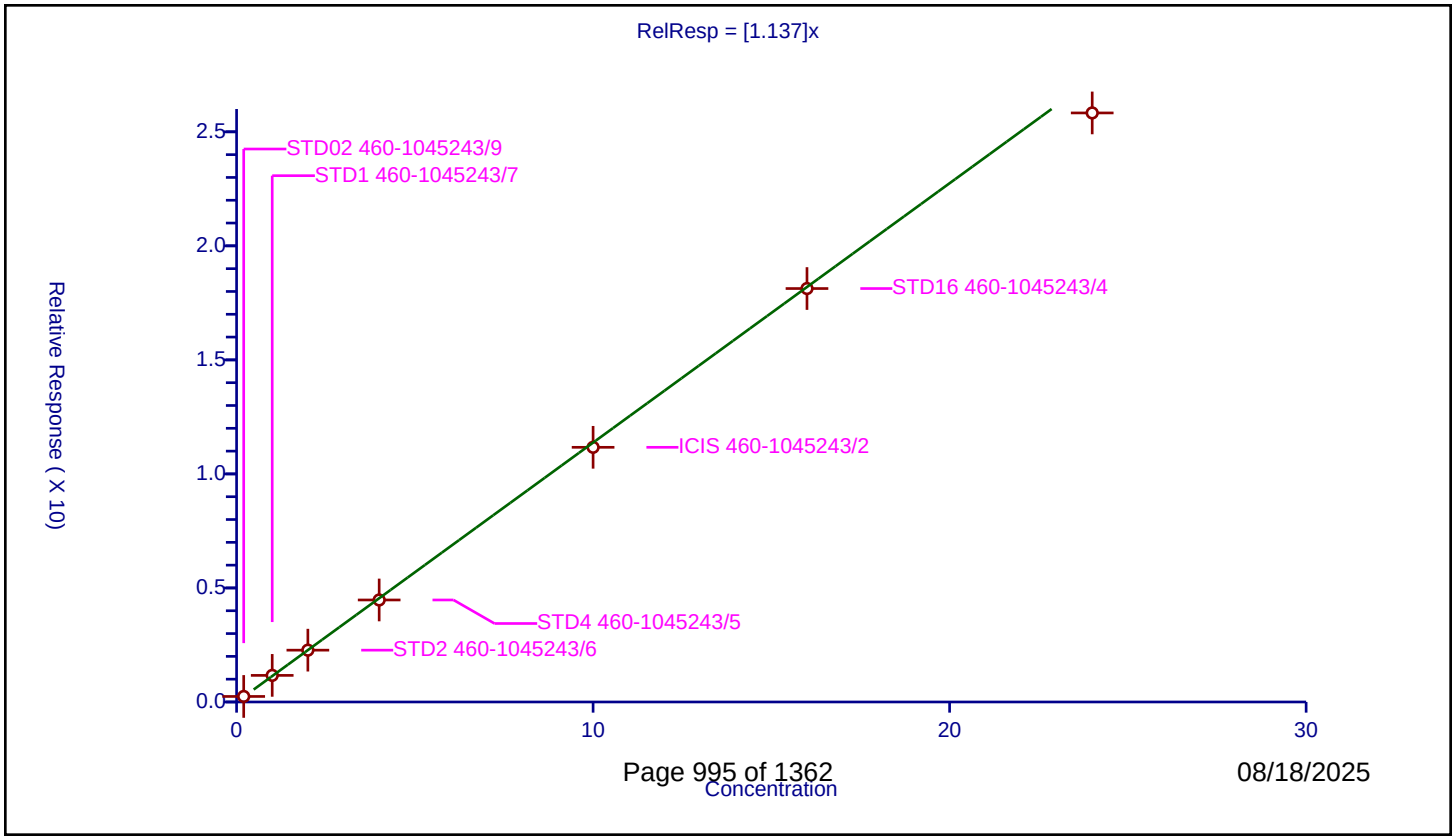
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.137 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.242787 | 8.0 | 731504.0 | 1.213937 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.166489 | 8.0 | 729848.0 | 1.166489 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.272676 | 8.0 | 783274.0 | 1.136338 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.472902 | 8.0 | 711057.0 | 1.118225 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 11.166561 | 8.0 | 580779.0 | 1.116656 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 18.12846 | 8.0 | 653915.0 | 1.133029 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 25.828436 | 8.0 | 524912.0 | 1.076185 | Y |



## Calibration / 3,5-di-tert-butyl-4-hydroxytol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

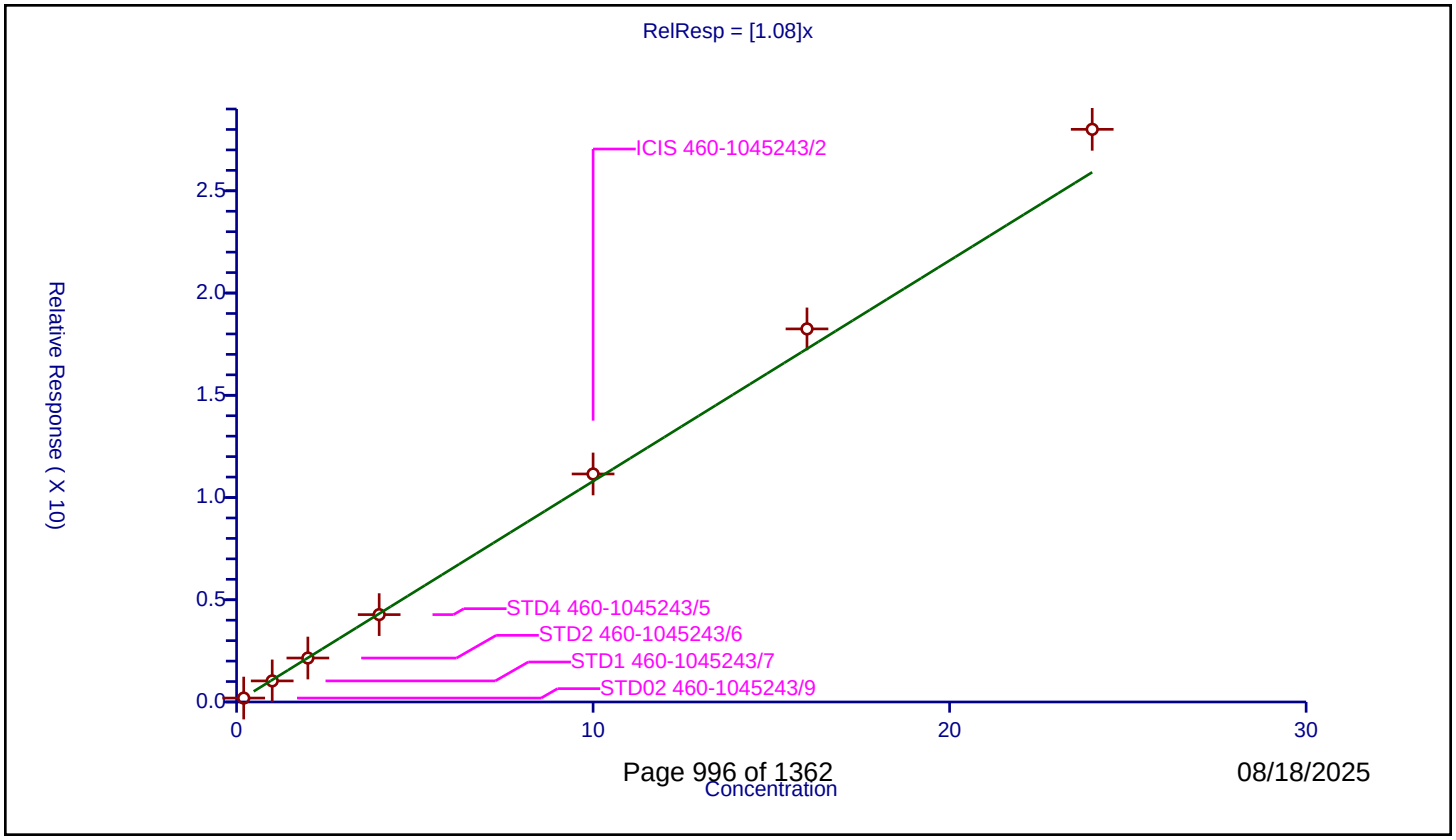
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.08 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.191868 | 8.0 | 731504.0 | 0.959339 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.031382 | 8.0 | 729848.0 | 1.031382 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.149909 | 8.0 | 783274.0 | 1.074955 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.273649 | 8.0 | 711057.0 | 1.068412 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 11.151753 | 8.0 | 580779.0 | 1.115175 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 18.246457 | 8.0 | 653915.0 | 1.140404 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 28.006172 | 8.0 | 524912.0 | 1.166924 | Y |



## Calibration / 2,4-Dinitrophenol

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

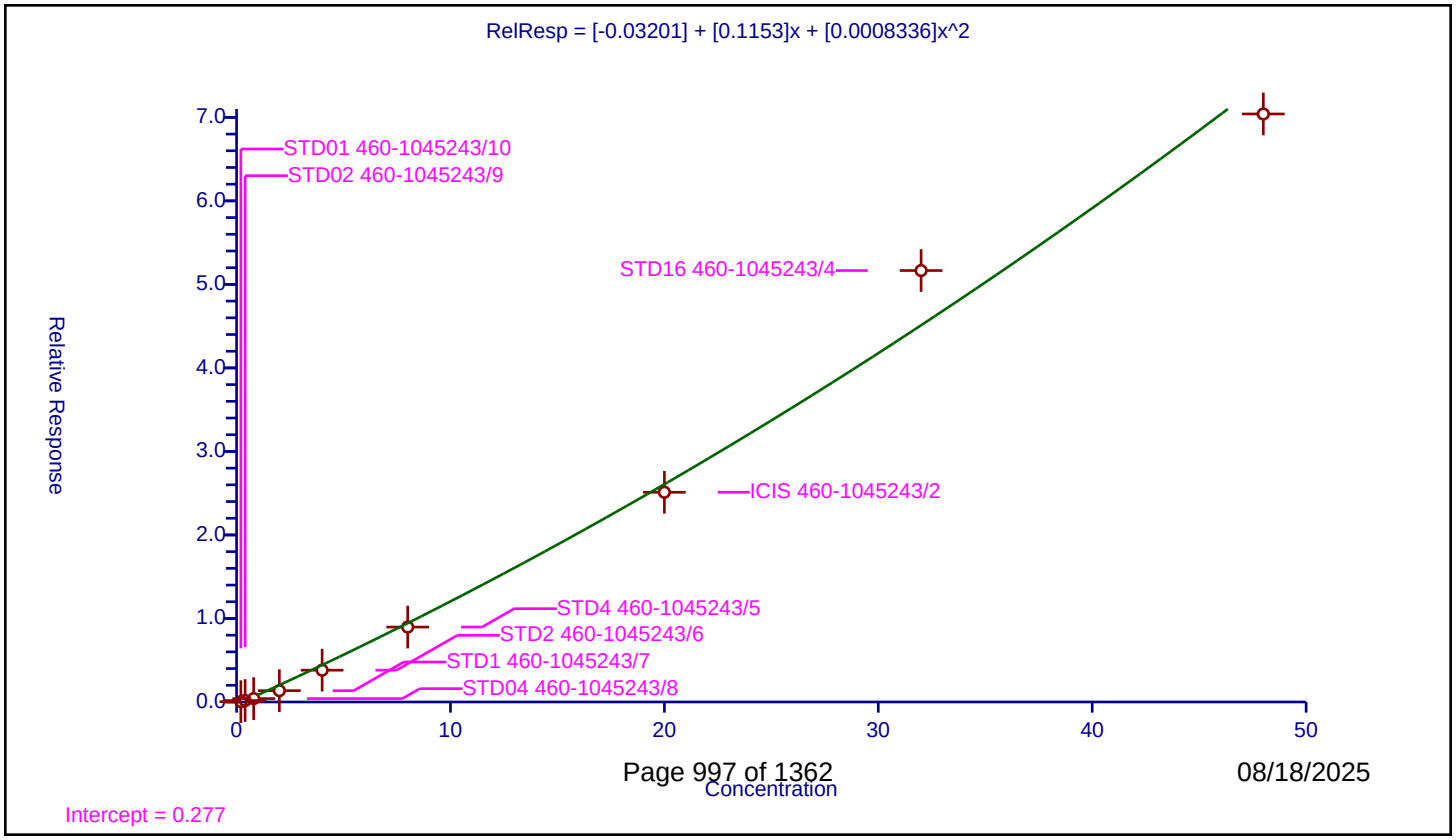
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.03201 |
| **Slope:** | 0.1153 |
| **Second Order:** | 0.0008336 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 28.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1045243/10 | 0.2 | 0.003878 | 8.0 | 726132.0 | 0.01939 | Y |
| 2 | STD02 460-1045243/9 | 0.4 | 0.017356 | 8.0 | 731504.0 | 0.04339 | Y |
| 3 | STD04 460-1045243/8 | 0.8 | 0.040624 | 8.0 | 712682.0 | 0.05078 | Y |
| 4 | STD1 460-1045243/7 | 2.0 | 0.135436 | 8.0 | 729848.0 | 0.067718 | Y |
| 5 | STD2 460-1045243/6 | 4.0 | 0.380842 | 8.0 | 783274.0 | 0.095211 | Y |
| 6 | STD4 460-1045243/5 | 8.0 | 0.897211 | 8.0 | 711057.0 | 0.112151 | Y |
| 7 | ICIS 460-1045243/2 | 20.0 | 2.51122 | 8.0 | 580779.0 | 0.125561 | Y |
| 8 | STD16 460-1045243/4 | 32.0 | 5.165882 | 8.0 | 653915.0 | 0.161434 | Y |
| 9 | STD24 460-1045243/3 | 48.0 | 7.040525 | 8.0 | 524912.0 | 0.146678 | Y |



## Calibration / 4-Nitrophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

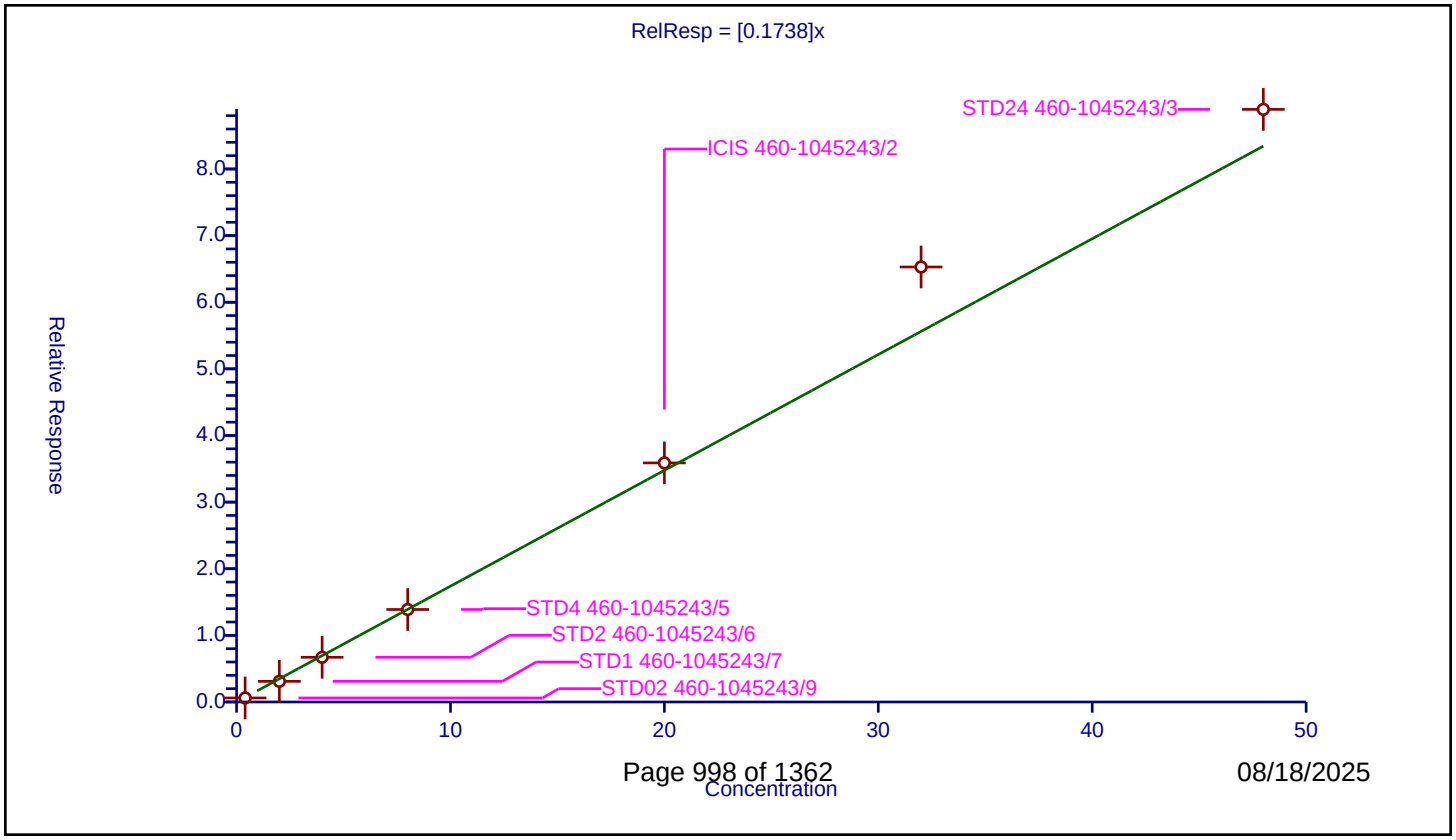
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1738 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.4 | 0.060708 | 8.0 | 731504.0 | 0.15177 | Y |
| 2 | STD1 460-1045243/7 | 2.0 | 0.309873 | 8.0 | 729848.0 | 0.154936 | Y |
| 3 | STD2 460-1045243/6 | 4.0 | 0.670876 | 8.0 | 783274.0 | 0.167719 | Y |
| 4 | STD4 460-1045243/5 | 8.0 | 1.388378 | 8.0 | 711057.0 | 0.173547 | Y |
| 5 | ICIS 460-1045243/2 | 20.0 | 3.588353 | 8.0 | 580779.0 | 0.179418 | Y |
| 6 | STD16 460-1045243/4 | 32.0 | 6.528861 | 8.0 | 653915.0 | 0.204027 | Y |
| 7 | STD24 460-1045243/3 | 48.0 | 8.894504 | 8.0 | 524912.0 | 0.185302 | Y |



## Calibration / 2,4-Dinitrotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

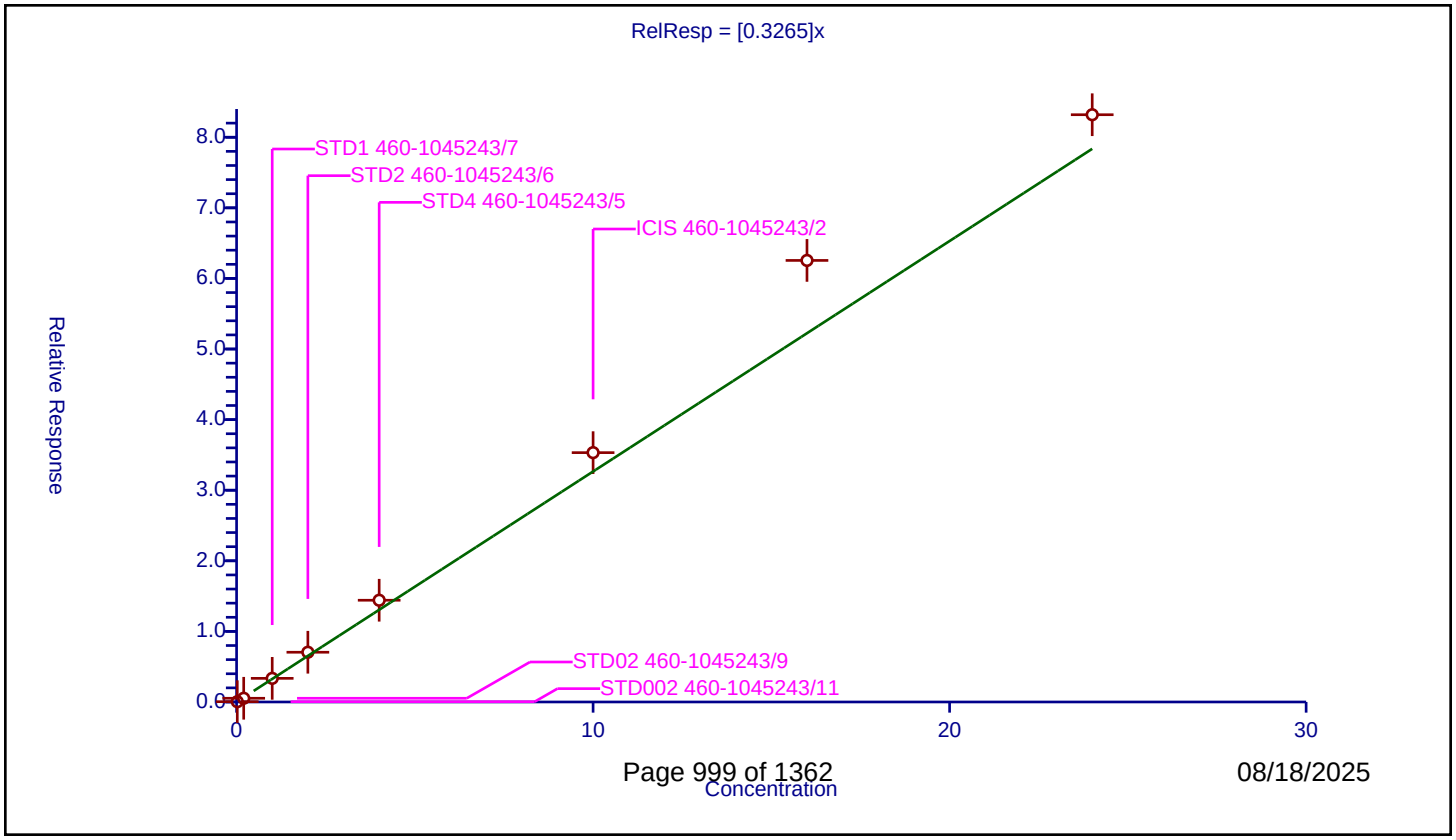
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3265 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.004202 | 8.0 | 702479.0 | 0.210113 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.052713 | 8.0 | 731504.0 | 0.263567 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.334744 | 8.0 | 729848.0 | 0.334744 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 0.704724 | 8.0 | 783274.0 | 0.352362 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 1.441415 | 8.0 | 711057.0 | 0.360354 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 3.532332 | 8.0 | 580779.0 | 0.353233 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 6.255039 | 8.0 | 653915.0 | 0.39094 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 8.31917 | 8.0 | 524912.0 | 0.346632 | Y |






08/18/2025

## Calibration / Dibenzofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

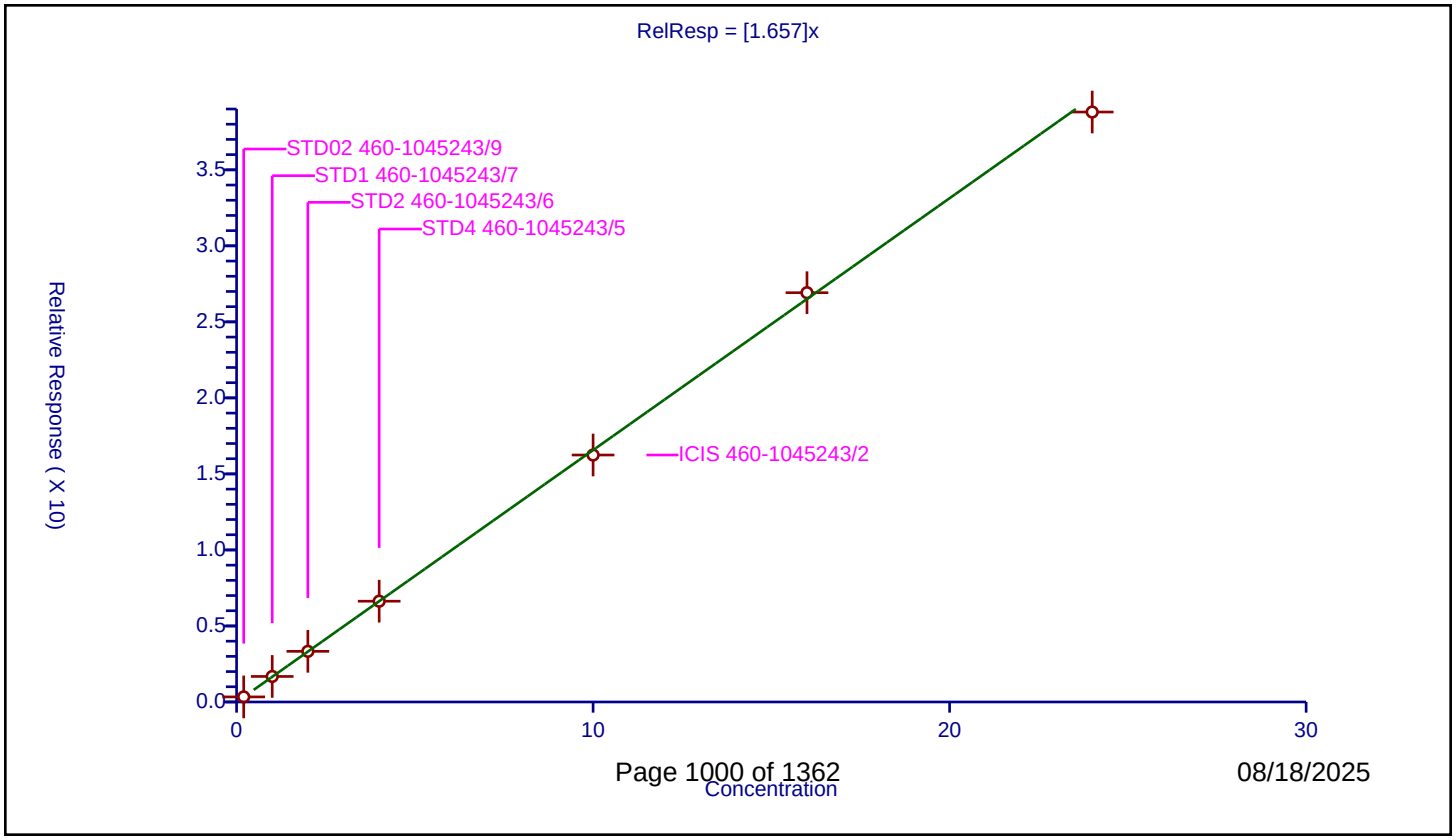
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.657 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.33403 | 8.0 | 731504.0 | 1.670148 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.680109 | 8.0 | 729848.0 | 1.680109 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 3.330625 | 8.0 | 783274.0 | 1.665313 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 6.629578 | 8.0 | 711057.0 | 1.657395 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 16.243108 | 8.0 | 580779.0 | 1.624311 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 26.919058 | 8.0 | 653915.0 | 1.682441 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 38.801948 | 8.0 | 524912.0 | 1.616748 | Y |



## Calibration / 2,3,4,6-Tetrachlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

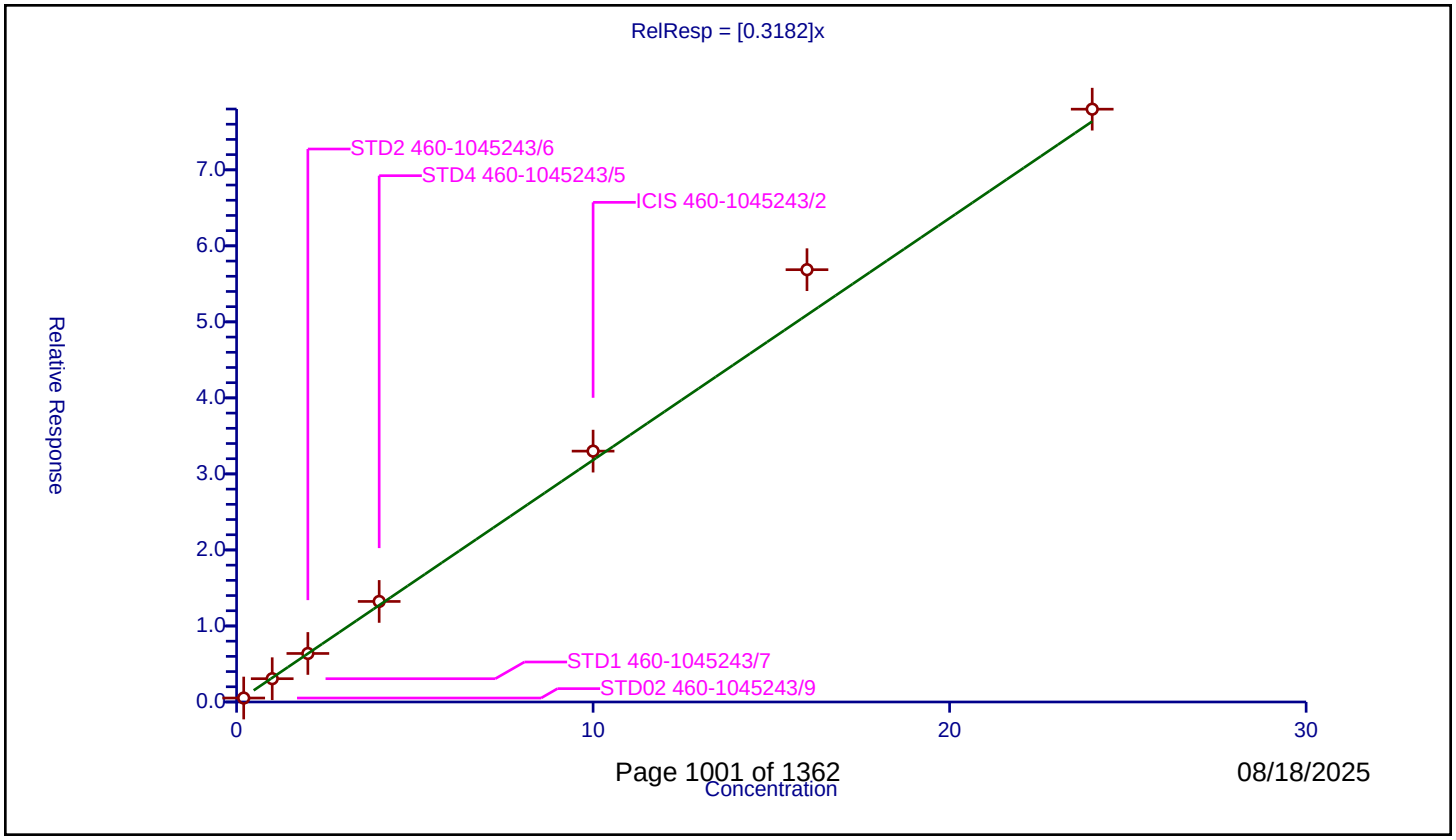
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3182 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.05221 | 8.0 | 731504.0 | 0.261051 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.306332 | 8.0 | 729848.0 | 0.306332 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.638091 | 8.0 | 783274.0 | 0.319045 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.322729 | 8.0 | 711057.0 | 0.330682 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 3.300078 | 8.0 | 580779.0 | 0.330008 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 5.686574 | 8.0 | 653915.0 | 0.355411 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 7.797772 | 8.0 | 524912.0 | 0.324907 | Y |



## Calibration / Diethyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

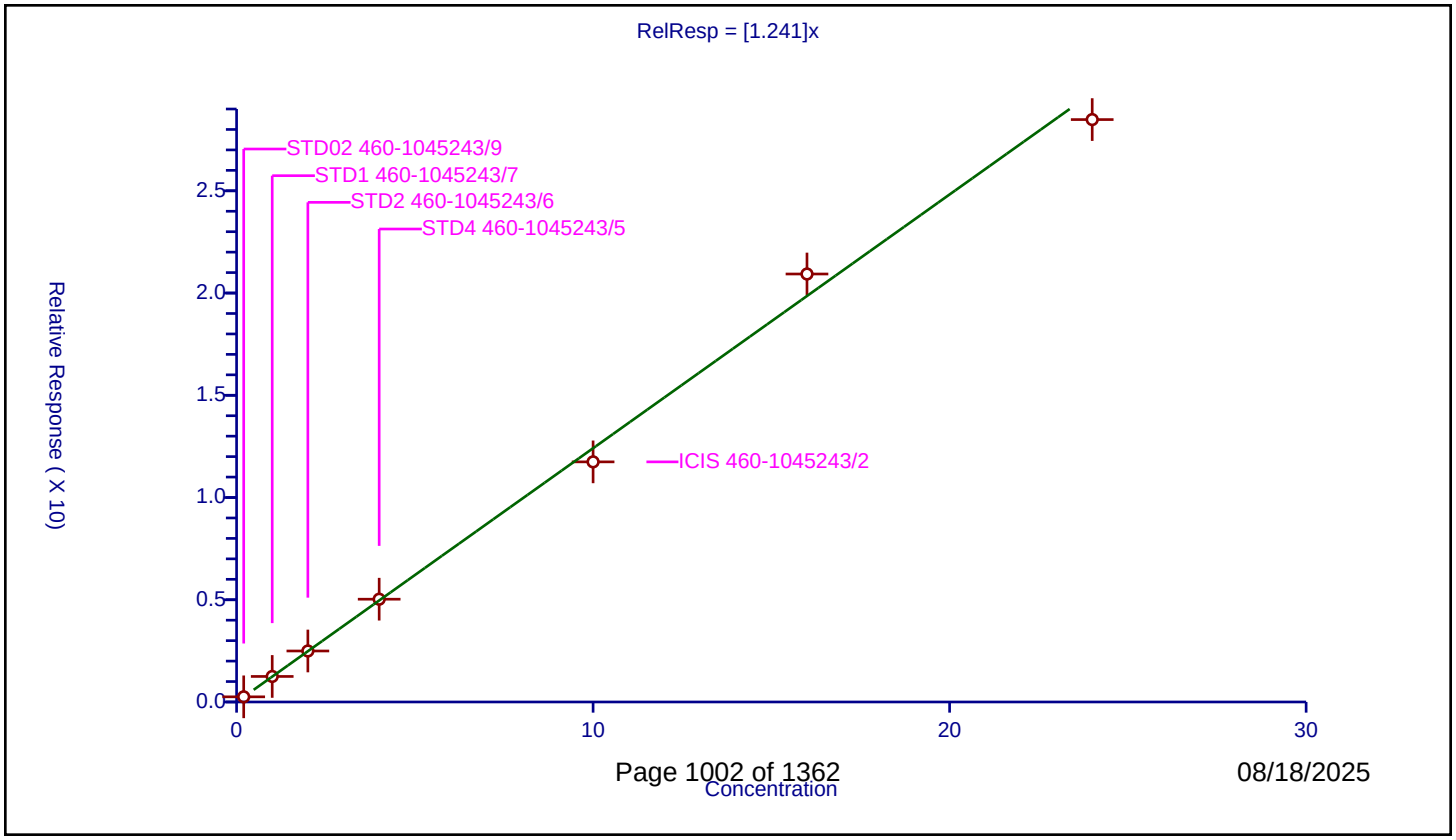
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.241 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.252969 | 8.0 | 731504.0 | 1.264846 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.249104 | 8.0 | 729848.0 | 1.249104 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.49481 | 8.0 | 783274.0 | 1.247405 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 5.026309 | 8.0 | 711057.0 | 1.256577 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 11.742808 | 8.0 | 580779.0 | 1.174281 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 20.930928 | 8.0 | 653915.0 | 1.308183 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 28.483388 | 8.0 | 524912.0 | 1.186808 | Y |



## Calibration / Fluorene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

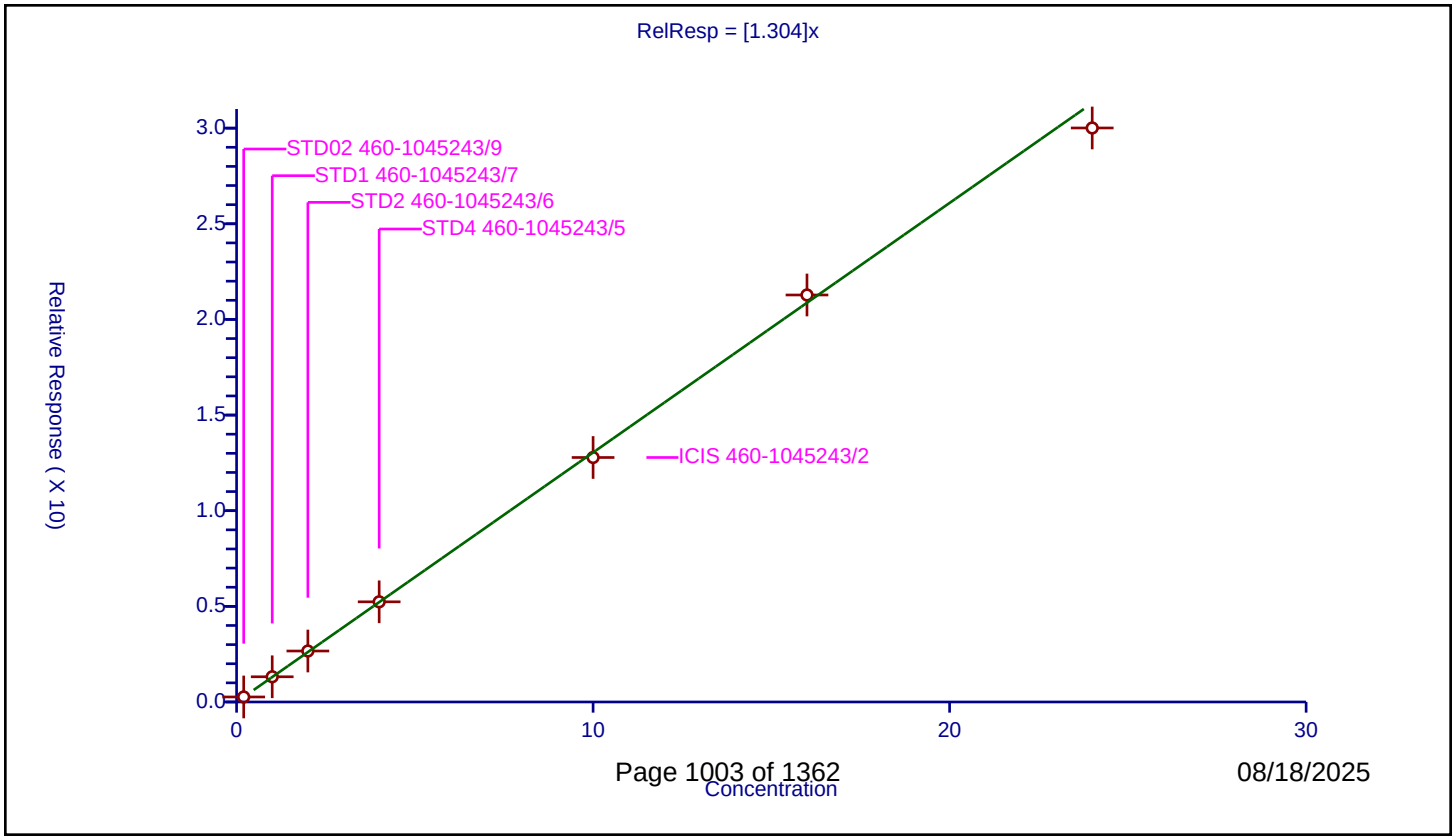
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.304 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.262768 | 8.0 | 731504.0 | 1.313841 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.317469 | 8.0 | 729848.0 | 1.317469 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.664294 | 8.0 | 783274.0 | 1.332147 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 5.237274 | 8.0 | 711057.0 | 1.309318 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 12.781302 | 8.0 | 580779.0 | 1.27813 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 21.277824 | 8.0 | 653915.0 | 1.329864 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 30.008199 | 8.0 | 524912.0 | 1.250342 | Y |



## Calibration / 4-Chlorophenyl phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

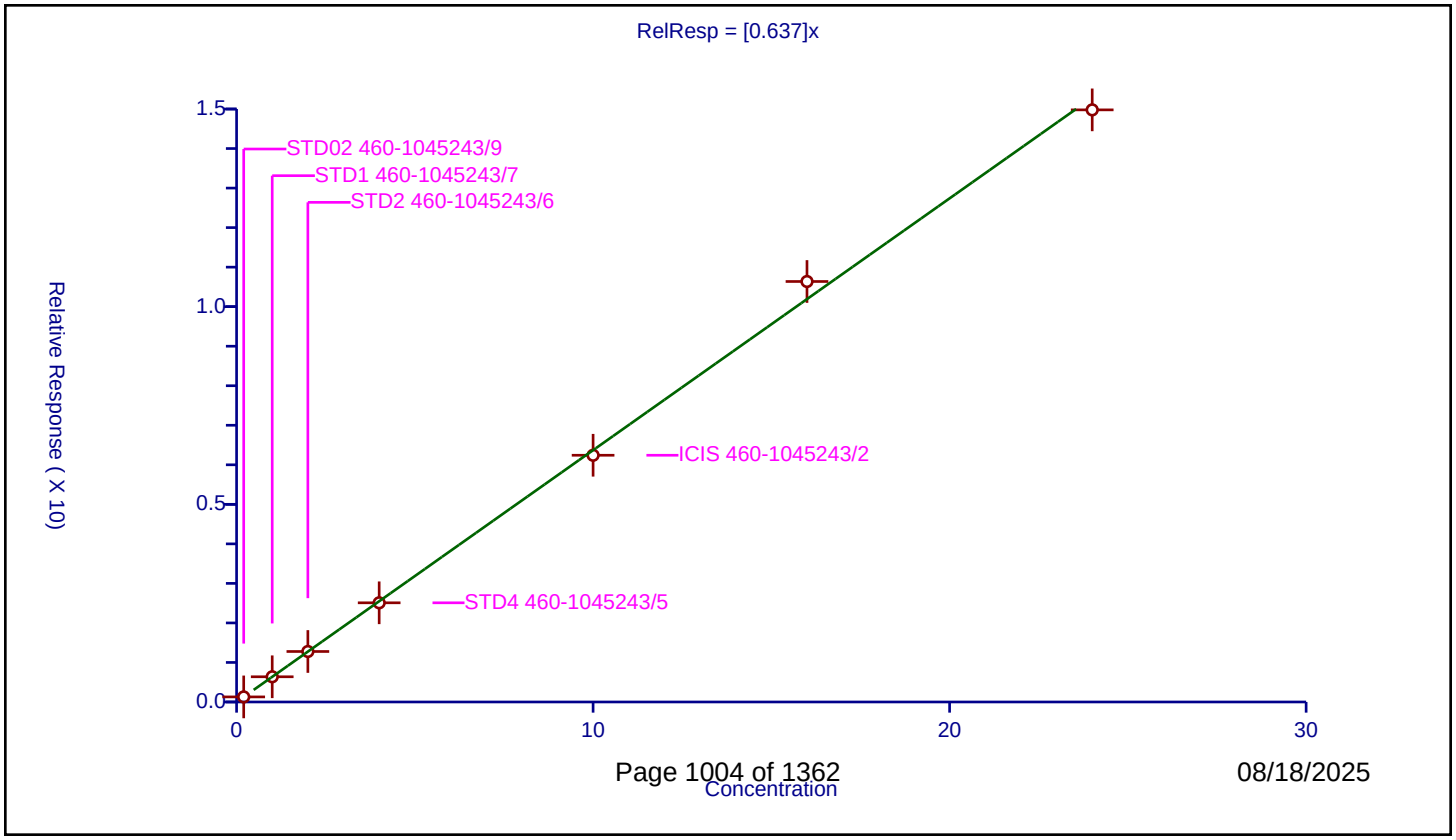
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.637 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.128491 | 8.0 | 731504.0 | 0.642457 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.637525 | 8.0 | 729848.0 | 0.637525 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.277356 | 8.0 | 783274.0 | 0.638678 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 2.508817 | 8.0 | 711057.0 | 0.627204 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 6.241245 | 8.0 | 580779.0 | 0.624124 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 10.63671 | 8.0 | 653915.0 | 0.664794 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 14.978663 | 8.0 | 524912.0 | 0.624111 | Y |



## Calibration / 4-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

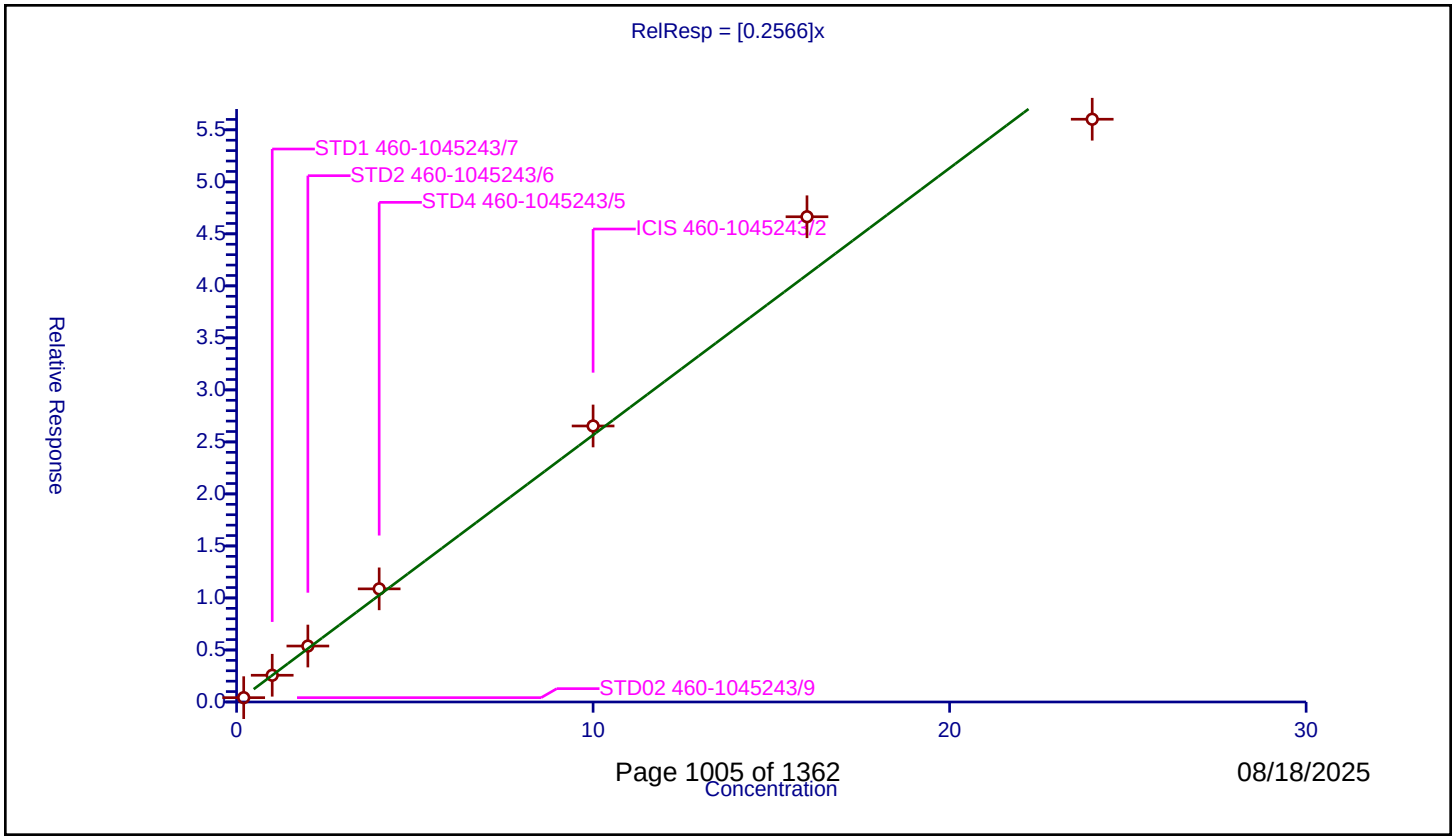
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2566 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.041624 | 8.0 | 731504.0 | 0.208119 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.257051 | 8.0 | 729848.0 | 0.257051 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.537814 | 8.0 | 783274.0 | 0.268907 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.087451 | 8.0 | 711057.0 | 0.271863 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 2.653099 | 8.0 | 580779.0 | 0.26531 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 4.664521 | 8.0 | 653915.0 | 0.291533 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 5.601731 | 8.0 | 524912.0 | 0.233405 | Y |



## Calibration / 4,6-Dinitro-2-methylphenol

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

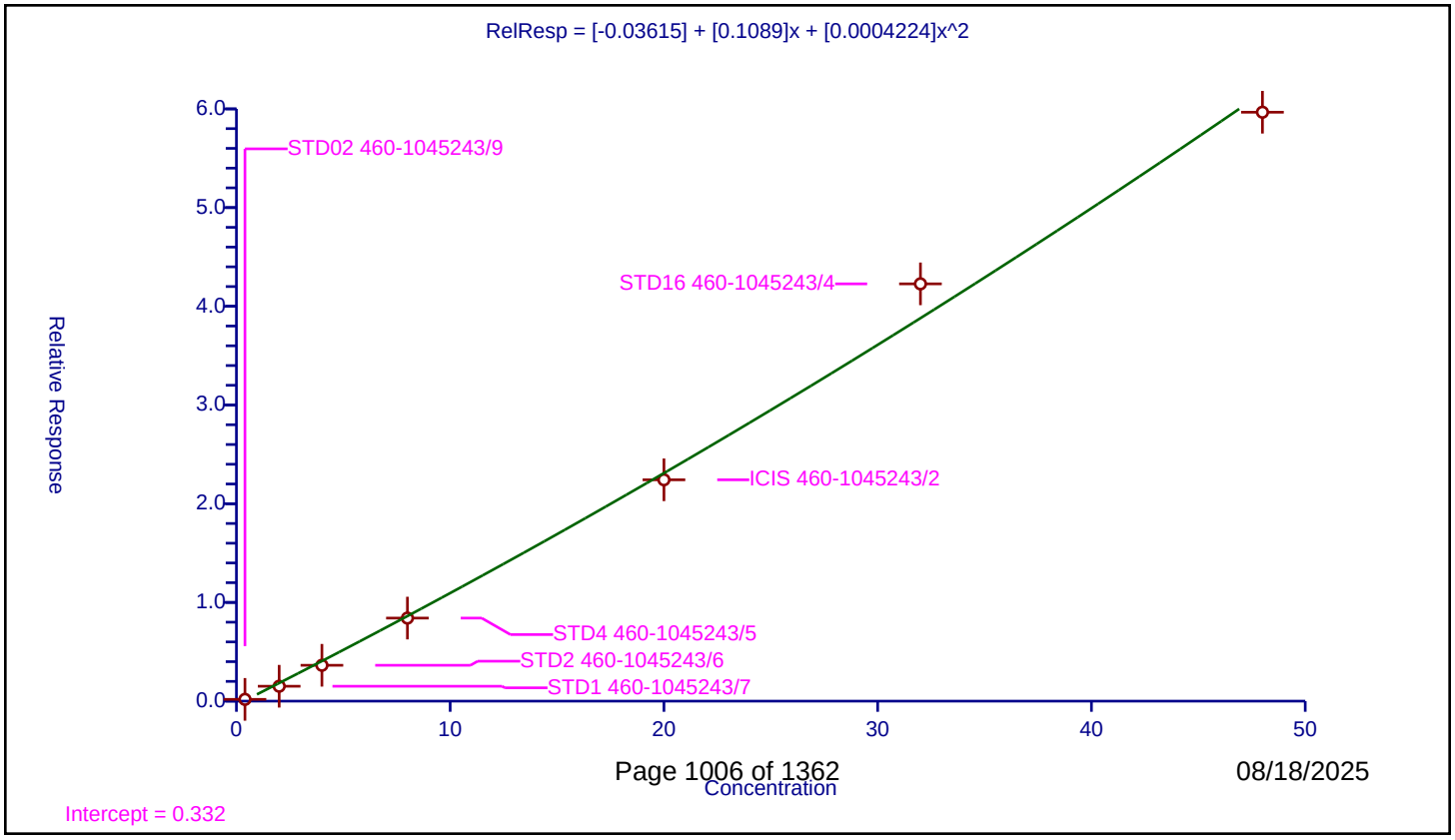
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.03615 |
| **Slope:** | 0.1089 |
| **Second Order:** | 0.0004224 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.4 | 0.017815 | 8.0 | 1257798.0 | 0.044538 | Y |
| 2 | STD1 460-1045243/7 | 2.0 | 0.150994 | 8.0 | 1202641.0 | 0.075497 | Y |
| 3 | STD2 460-1045243/6 | 4.0 | 0.363439 | 8.0 | 1273237.0 | 0.09086 | Y |
| 4 | STD4 460-1045243/5 | 8.0 | 0.841319 | 8.0 | 1114545.0 | 0.105165 | Y |
| 5 | ICIS 460-1045243/2 | 20.0 | 2.242429 | 8.0 | 893606.0 | 0.112121 | Y |
| 6 | STD16 460-1045243/4 | 32.0 | 4.22749 | 8.0 | 1057664.0 | 0.132109 | Y |
| 7 | STD24 460-1045243/3 | 48.0 | 5.966326 | 8.0 | 789692.0 | 0.124298 | Y |



## Calibration / N-Nitrosodiphenylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

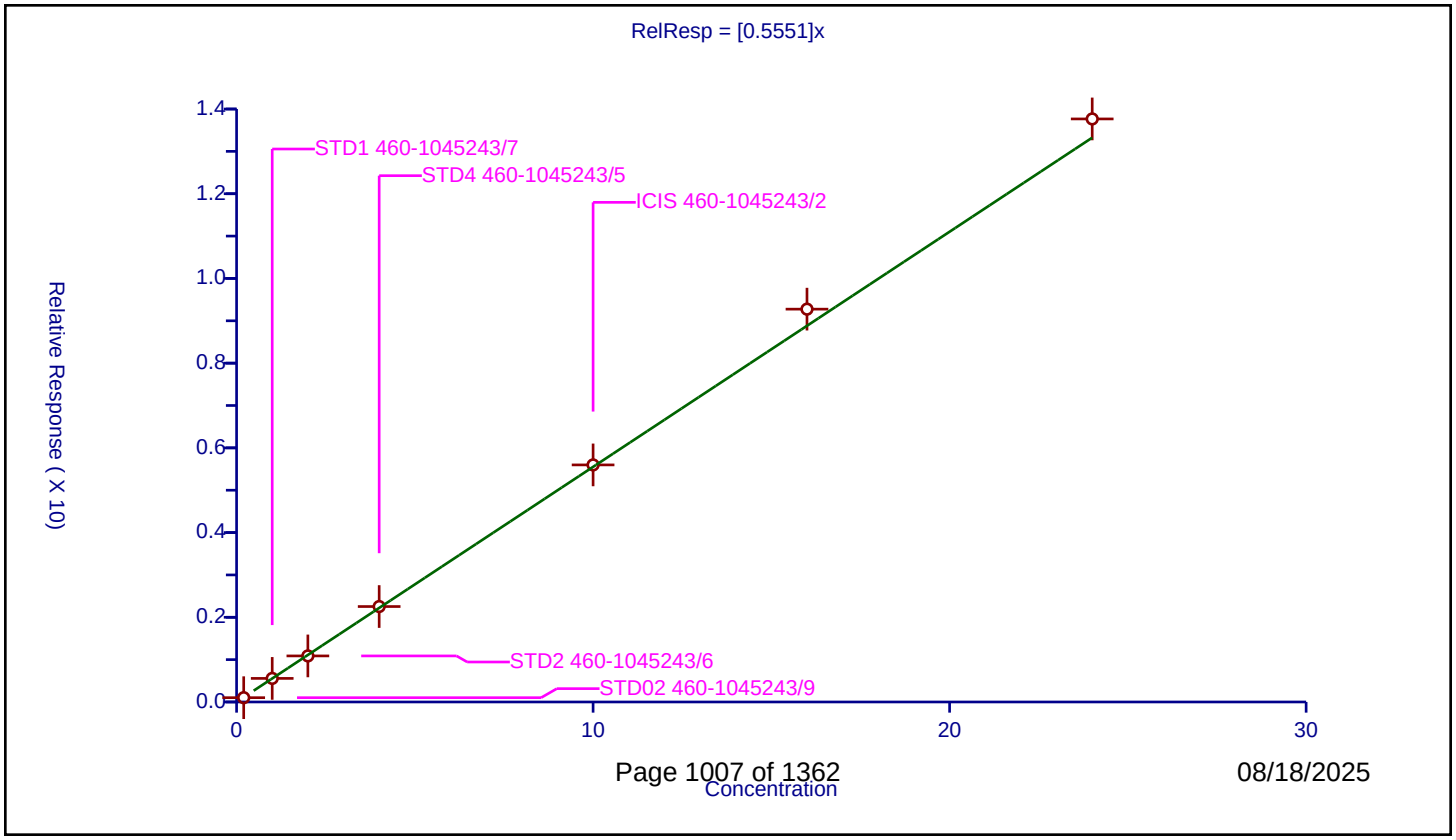
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5551 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.101721 | 8.0 | 1257798.0 | 0.508603 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.557034 | 8.0 | 1202641.0 | 0.557034 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.087785 | 8.0 | 1273237.0 | 0.543892 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 2.253885 | 8.0 | 1114545.0 | 0.563471 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 5.597124 | 8.0 | 893606.0 | 0.559712 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 9.274877 | 8.0 | 1057664.0 | 0.57968 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 13.765782 | 8.0 | 789692.0 | 0.573574 | Y |



## Calibration / 1,2-Diphenylhydrazine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

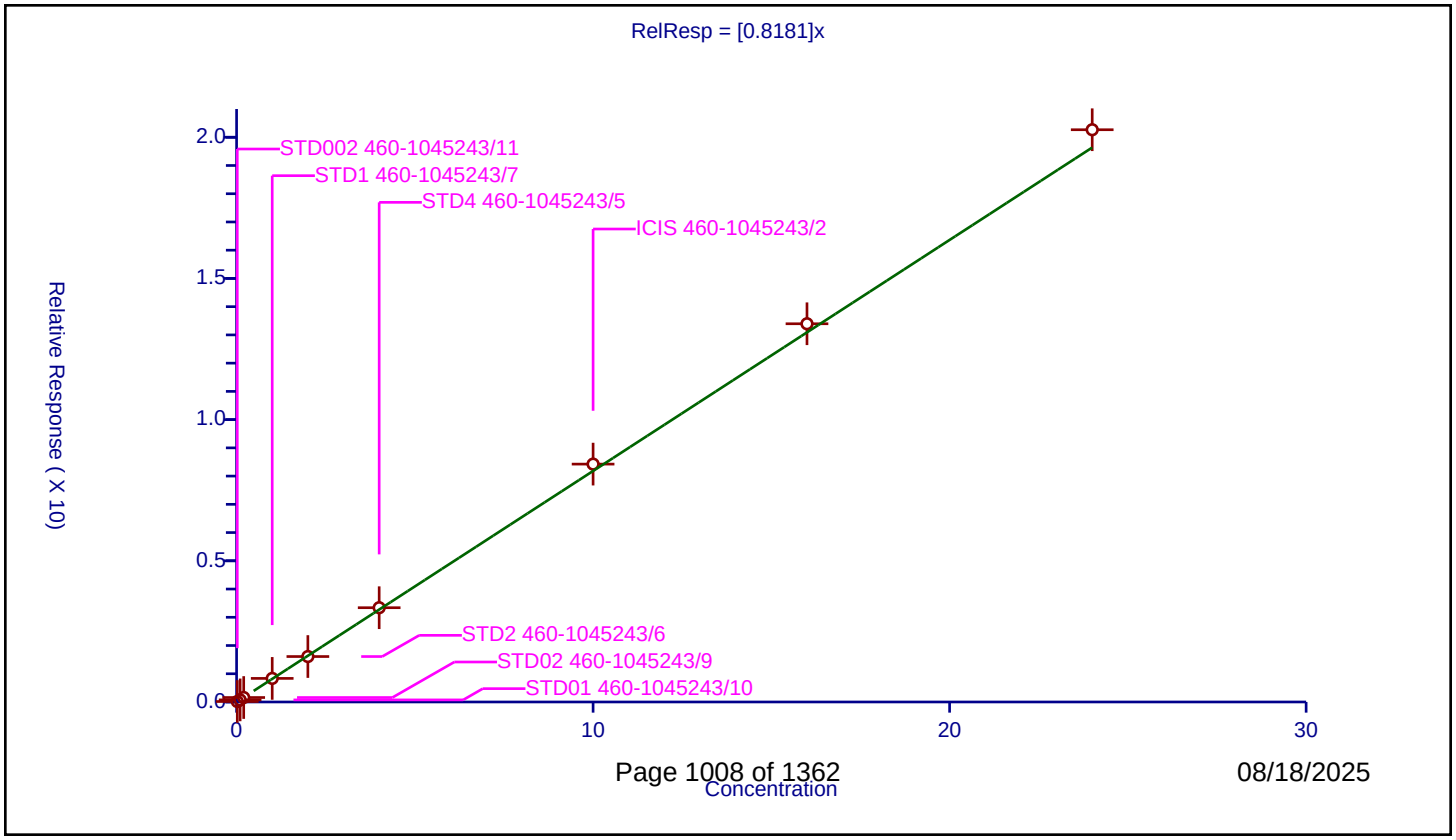
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8181 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.016527 | 8.0 | 1192255.0 | 0.826333 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.07459 | 8.0 | 1220753.0 | 0.7459 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.158429 | 8.0 | 1257798.0 | 0.792146 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.835242 | 8.0 | 1202641.0 | 0.835242 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 1.609856 | 8.0 | 1273237.0 | 0.804928 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 3.338797 | 8.0 | 1114545.0 | 0.834699 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 8.42484 | 8.0 | 893606.0 | 0.842484 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 13.394651 | 8.0 | 1057664.0 | 0.837166 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 20.26618 | 8.0 | 789692.0 | 0.844424 | Y |



## Calibration / Azobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

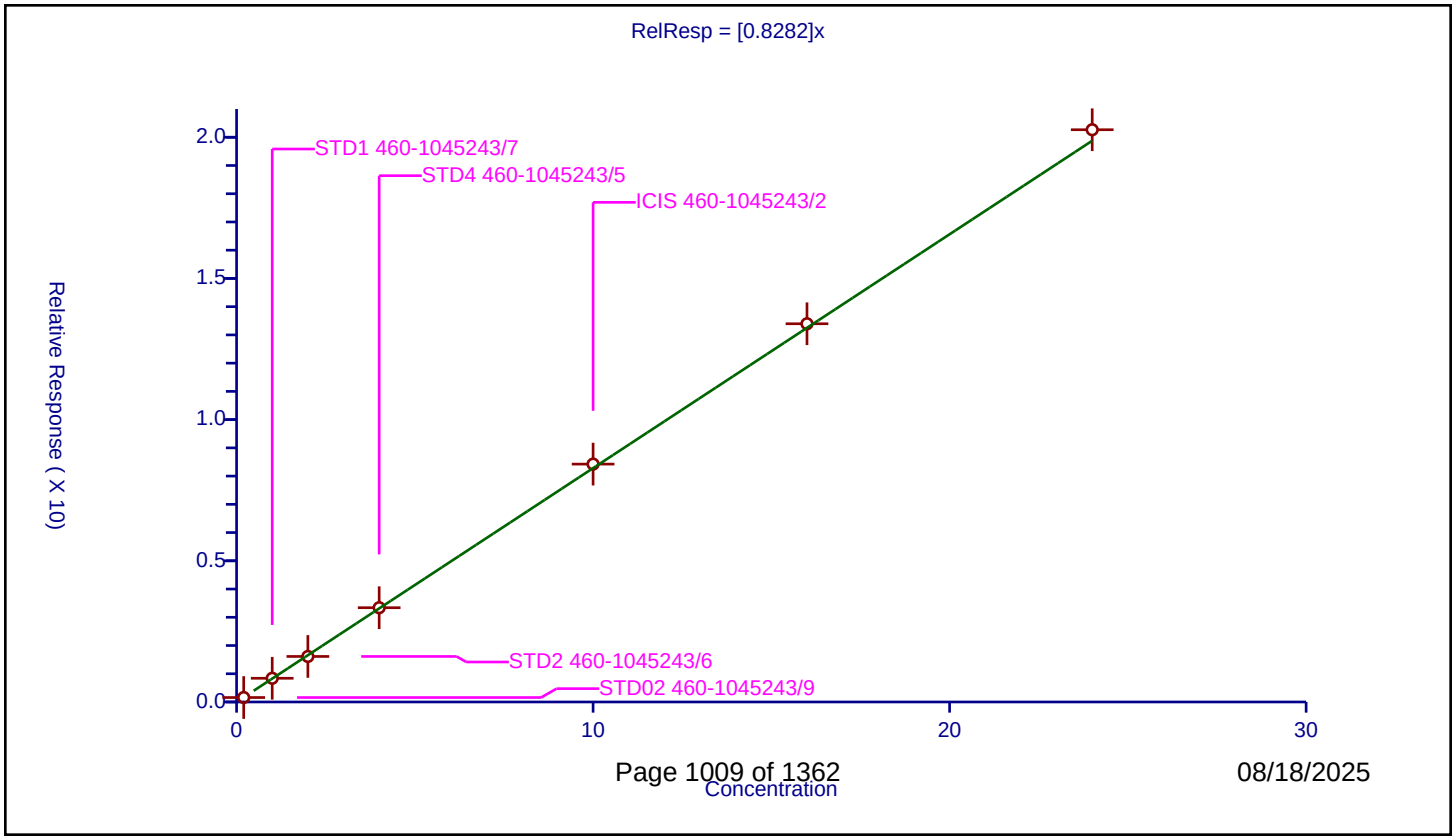
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8282 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.158429 | 8.0 | 1257798.0 | 0.792146 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.840231 | 8.0 | 1202641.0 | 0.840231 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.612187 | 8.0 | 1273237.0 | 0.806093 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 3.338797 | 8.0 | 1114545.0 | 0.834699 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 8.424778 | 8.0 | 893606.0 | 0.842478 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 13.395014 | 8.0 | 1057664.0 | 0.837188 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 20.265856 | 8.0 | 789692.0 | 0.844411 | Y |



## Calibration / 2,4,6-Tribromophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

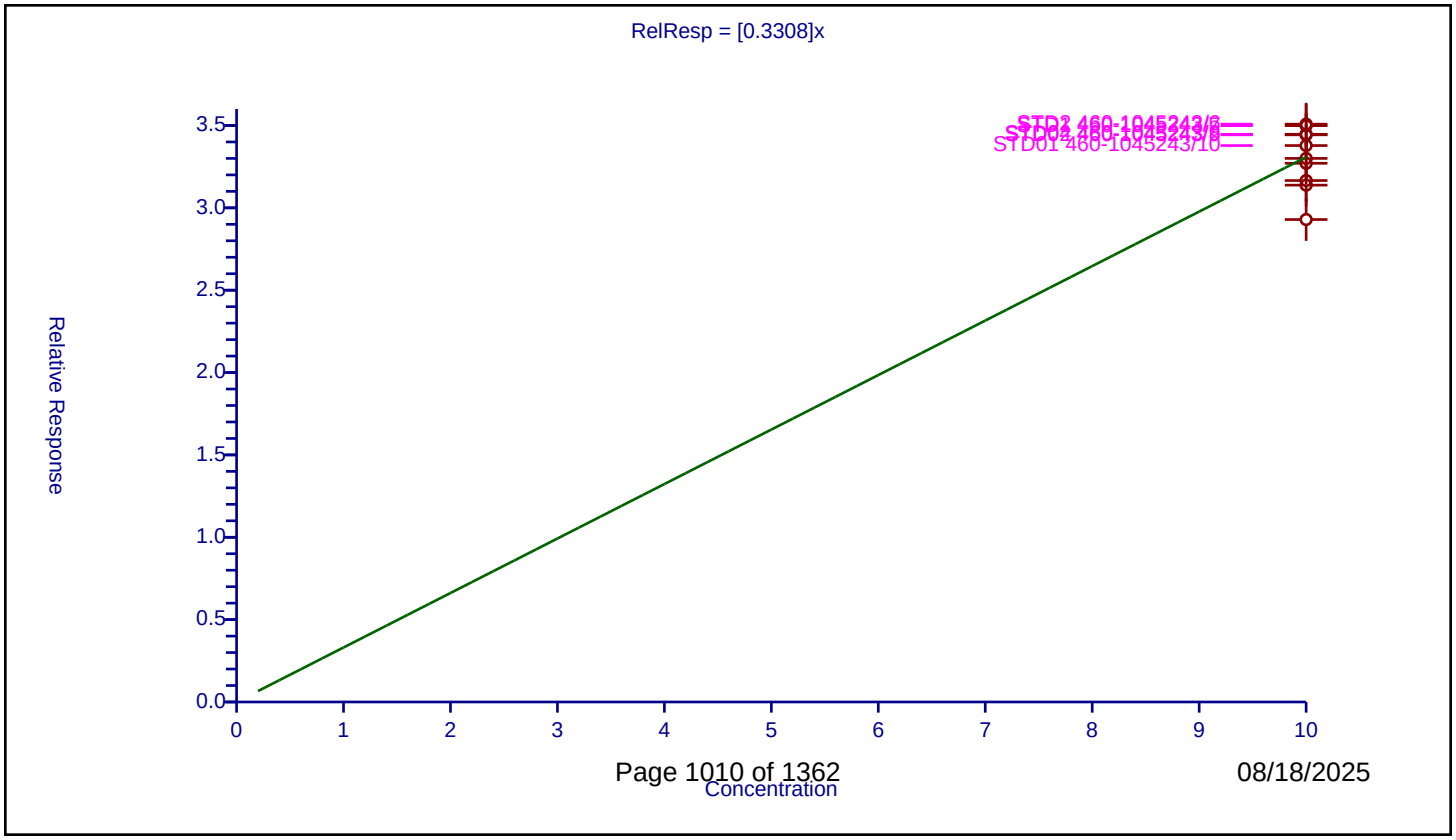
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3308 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1045243/2 | 10.0 | 2.929169 | 8.0 | 580779.0 | 0.292917 | Y |
| 2 | STD24 460-1045243/3 | 10.0 | 3.300088 | 8.0 | 524912.0 | 0.330009 | Y |
| 3 | STD16 460-1045243/4 | 10.0 | 3.137729 | 8.0 | 653915.0 | 0.313773 | Y |
| 4 | STD4 460-1045243/5 | 10.0 | 3.270568 | 8.0 | 711057.0 | 0.327057 | Y |
| 5 | STD2 460-1045243/6 | 10.0 | 3.507993 | 8.0 | 783274.0 | 0.350799 | Y |
| 6 | STD1 460-1045243/7 | 10.0 | 3.49903 | 8.0 | 729848.0 | 0.349903 | Y |
| 7 | STD04 460-1045243/8 | 10.0 | 3.446586 | 8.0 | 712682.0 | 0.344659 | Y |
| 8 | STD02 460-1045243/9 | 10.0 | 3.443218 | 8.0 | 731504.0 | 0.344322 | Y |
| 9 | STD01 460-1045243/10 | 10.0 | 3.378174 | 8.0 | 726132.0 | 0.337817 | Y |
| 10 | STD002 460-1045243/11 | 10.0 | 3.165817 | 8.0 | 702479.0 | 0.316582 | Y |



## Calibration / 4-Bromophenyl phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

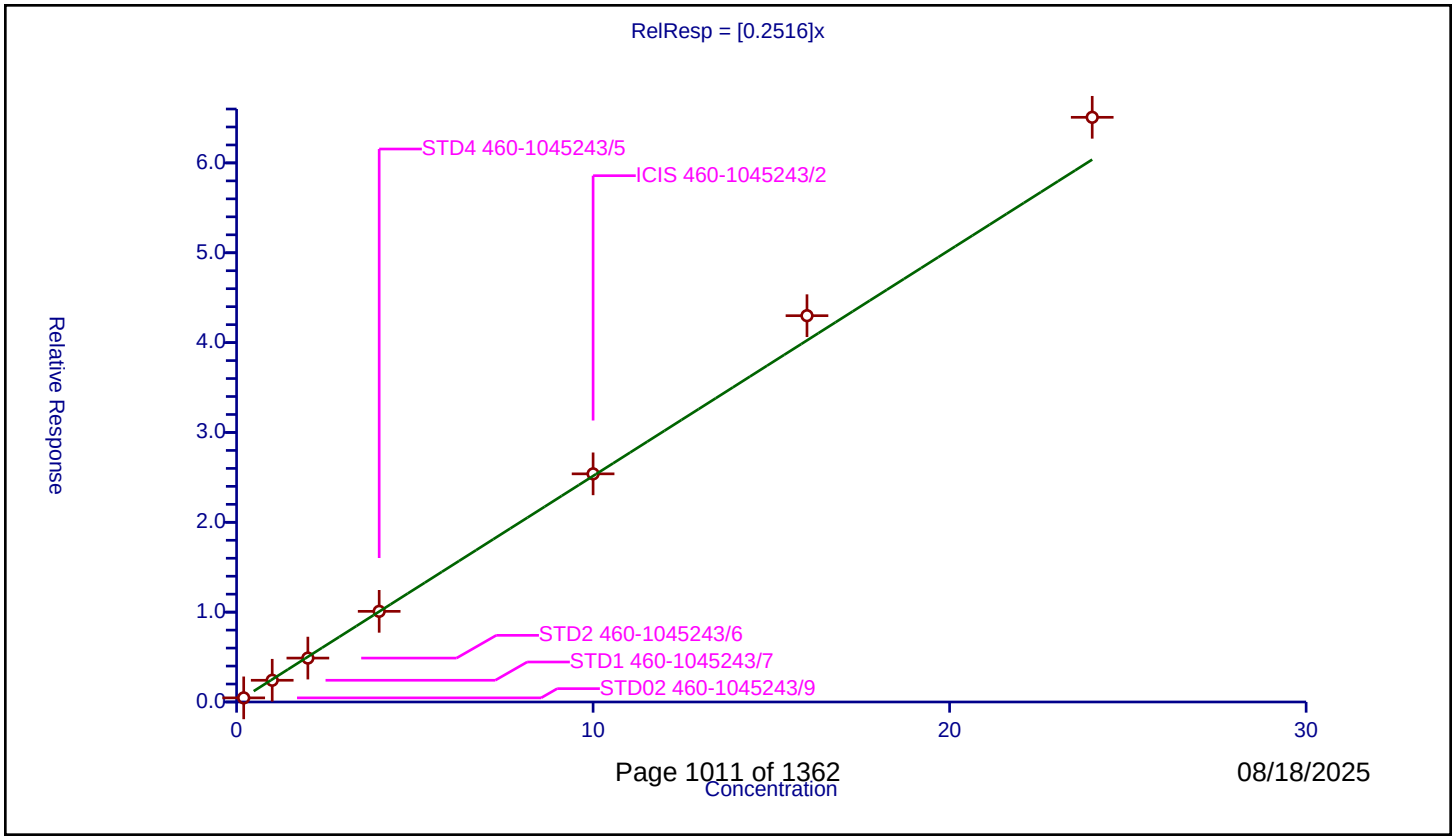
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2516 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.045756 | 8.0 | 1257798.0 | 0.228781 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.241715 | 8.0 | 1202641.0 | 0.241715 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.488581 | 8.0 | 1273237.0 | 0.244291 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.009115 | 8.0 | 1114545.0 | 0.252279 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 2.539204 | 8.0 | 893606.0 | 0.25392 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 4.299861 | 8.0 | 1057664.0 | 0.268741 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 6.5076 | 8.0 | 789692.0 | 0.27115 | Y |



## Calibration / Hexachlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

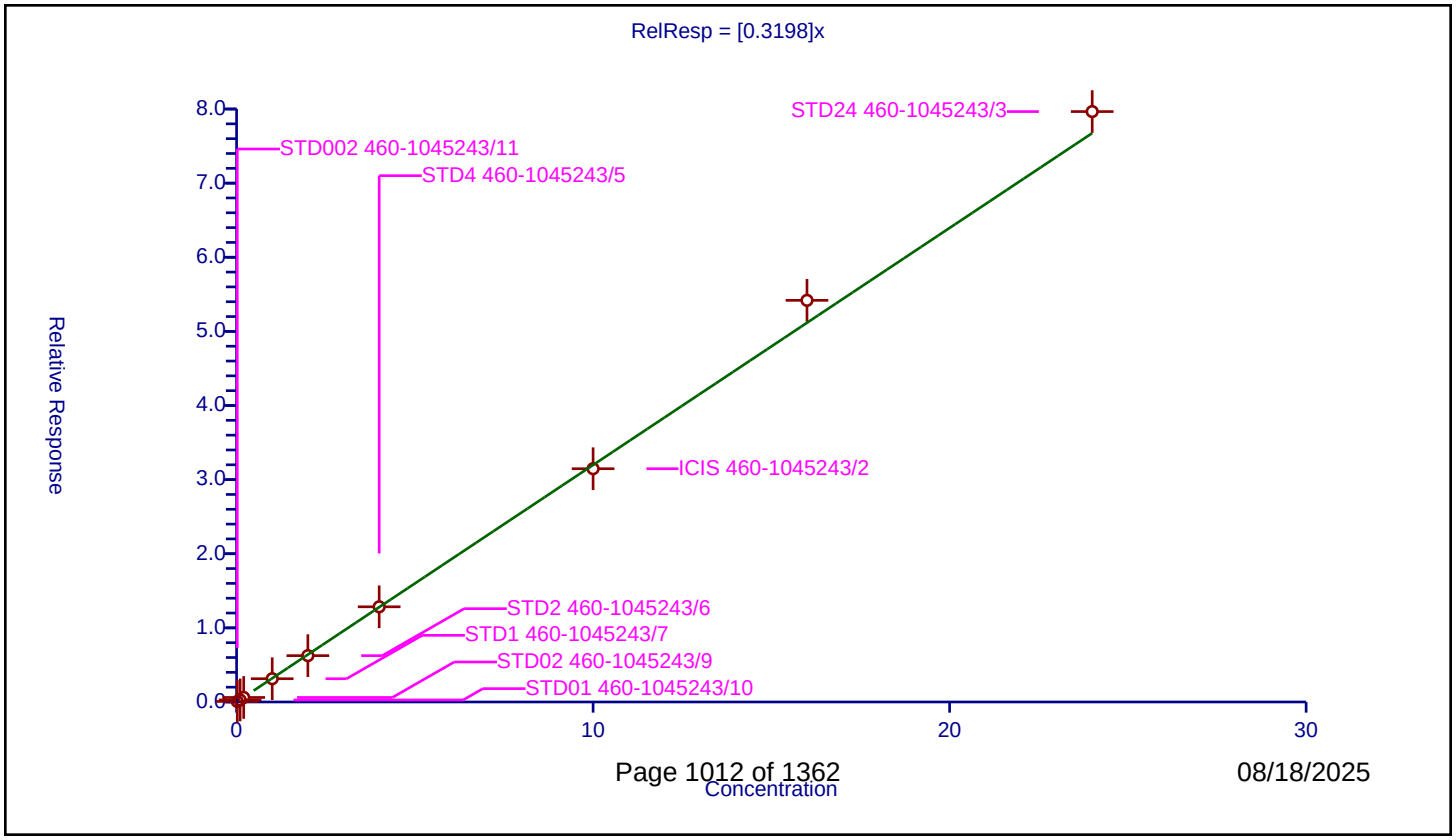
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3198 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.007294 | 8.0 | 1192255.0 | 0.364687 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.027616 | 8.0 | 1220753.0 | 0.276157 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.060836 | 8.0 | 1257798.0 | 0.304182 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.313949 | 8.0 | 1202641.0 | 0.313949 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 0.625203 | 8.0 | 1273237.0 | 0.312602 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 1.284341 | 8.0 | 1114545.0 | 0.321085 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 3.147141 | 8.0 | 893606.0 | 0.314714 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 5.418832 | 8.0 | 1057664.0 | 0.338677 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 7.965303 | 8.0 | 789692.0 | 0.331888 | Y |



## Calibration / Atrazine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

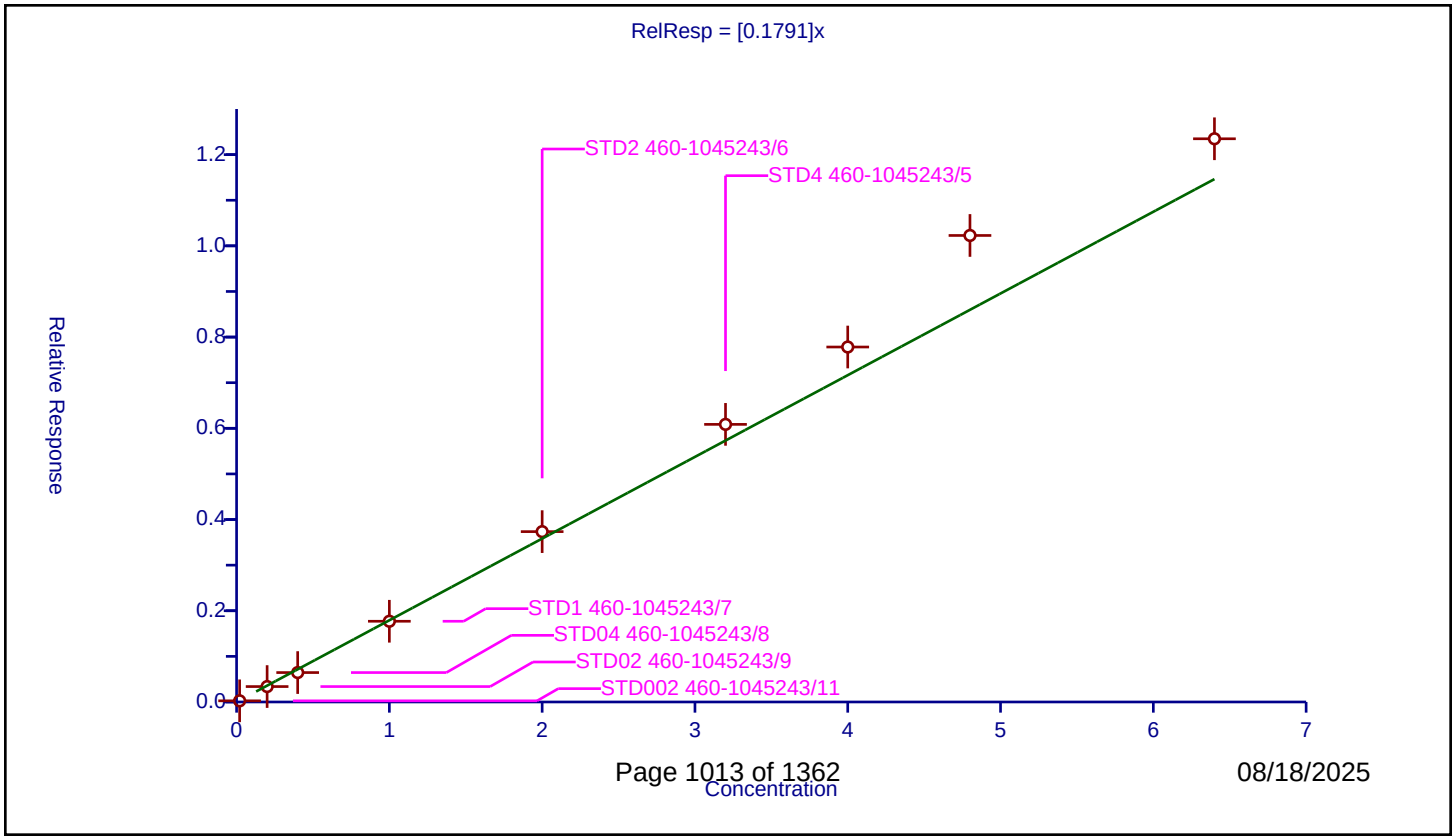
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1791 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.002543 | 8.0 | 1192255.0 | 0.127154 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.033805 | 8.0 | 1257798.0 | 0.169026 | Y |
| 3 | STD04 460-1045243/8 | 0.4 | 0.064528 | 8.0 | 1169606.0 | 0.161319 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.177024 | 8.0 | 1202641.0 | 0.177024 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 0.373461 | 8.0 | 1273237.0 | 0.18673 | Y |
| 6 | STD4 460-1045243/5 | 3.2 | 0.60865 | 8.0 | 1114545.0 | 0.190203 | Y |
| 7 | ICIS 460-1045243/2 | 4.0 | 0.778222 | 8.0 | 893606.0 | 0.194556 | Y |
| 8 | STD16 460-1045243/4 | 4.8 | 1.022797 | 8.0 | 1057664.0 | 0.213083 | Y |
| 9 | STD24 460-1045243/3 | 6.4 | 1.23477 | 8.0 | 789692.0 | 0.192933 | Y |



## Calibration / Pentachlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

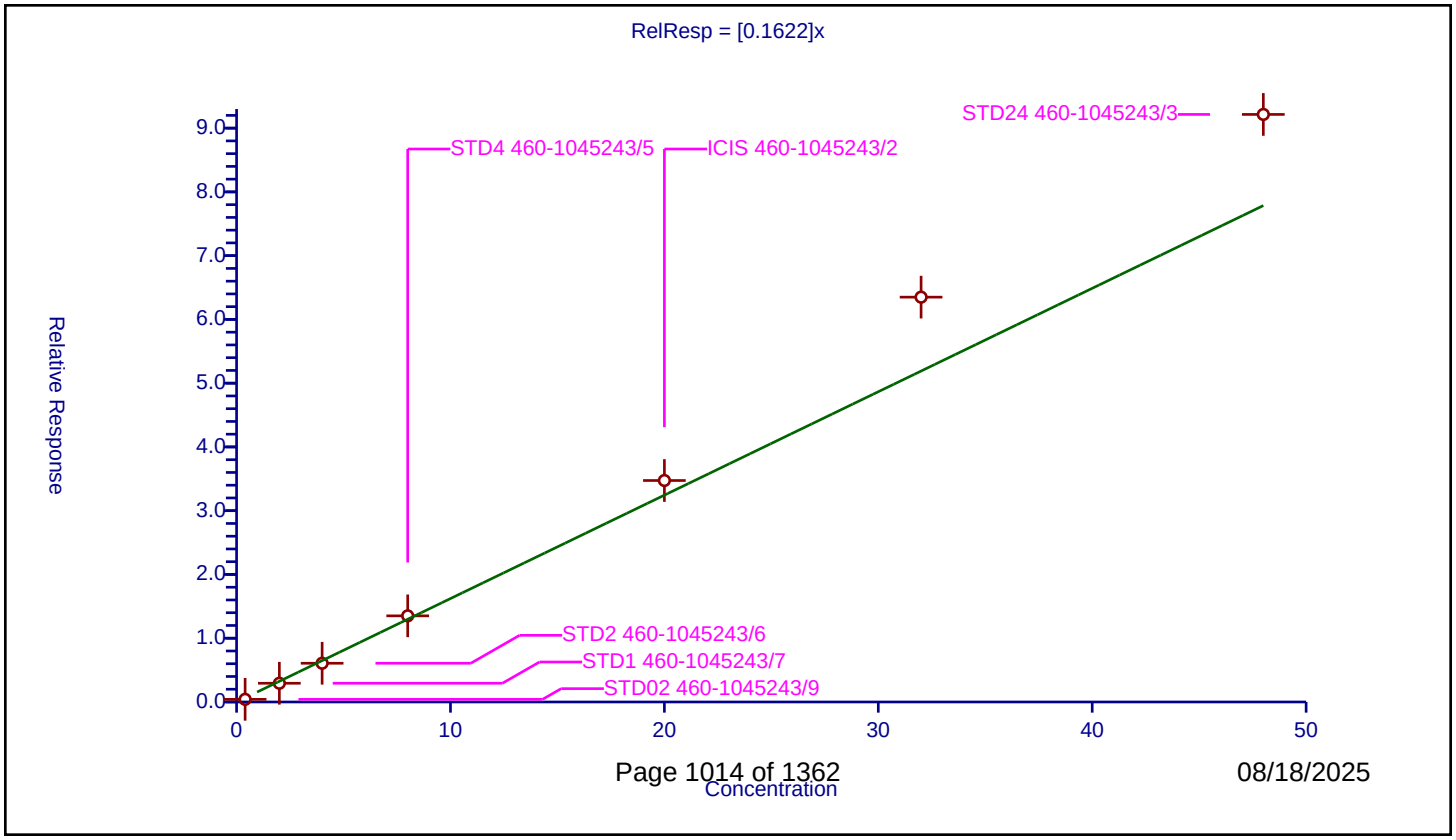
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1622 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.4 | 0.041457 | 8.0 | 1257798.0 | 0.103641 | Y |
| 2 | STD1 460-1045243/7 | 2.0 | 0.29372 | 8.0 | 1202641.0 | 0.14686 | Y |
| 3 | STD2 460-1045243/6 | 4.0 | 0.60756 | 8.0 | 1273237.0 | 0.15189 | Y |
| 4 | STD4 460-1045243/5 | 8.0 | 1.351246 | 8.0 | 1114545.0 | 0.168906 | Y |
| 5 | ICIS 460-1045243/2 | 20.0 | 3.473522 | 8.0 | 893606.0 | 0.173676 | Y |
| 6 | STD16 460-1045243/4 | 32.0 | 6.349495 | 8.0 | 1057664.0 | 0.198422 | Y |
| 7 | STD24 460-1045243/3 | 48.0 | 9.214995 | 8.0 | 789692.0 | 0.191979 | Y |



## Calibration / Pentachloronitrobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

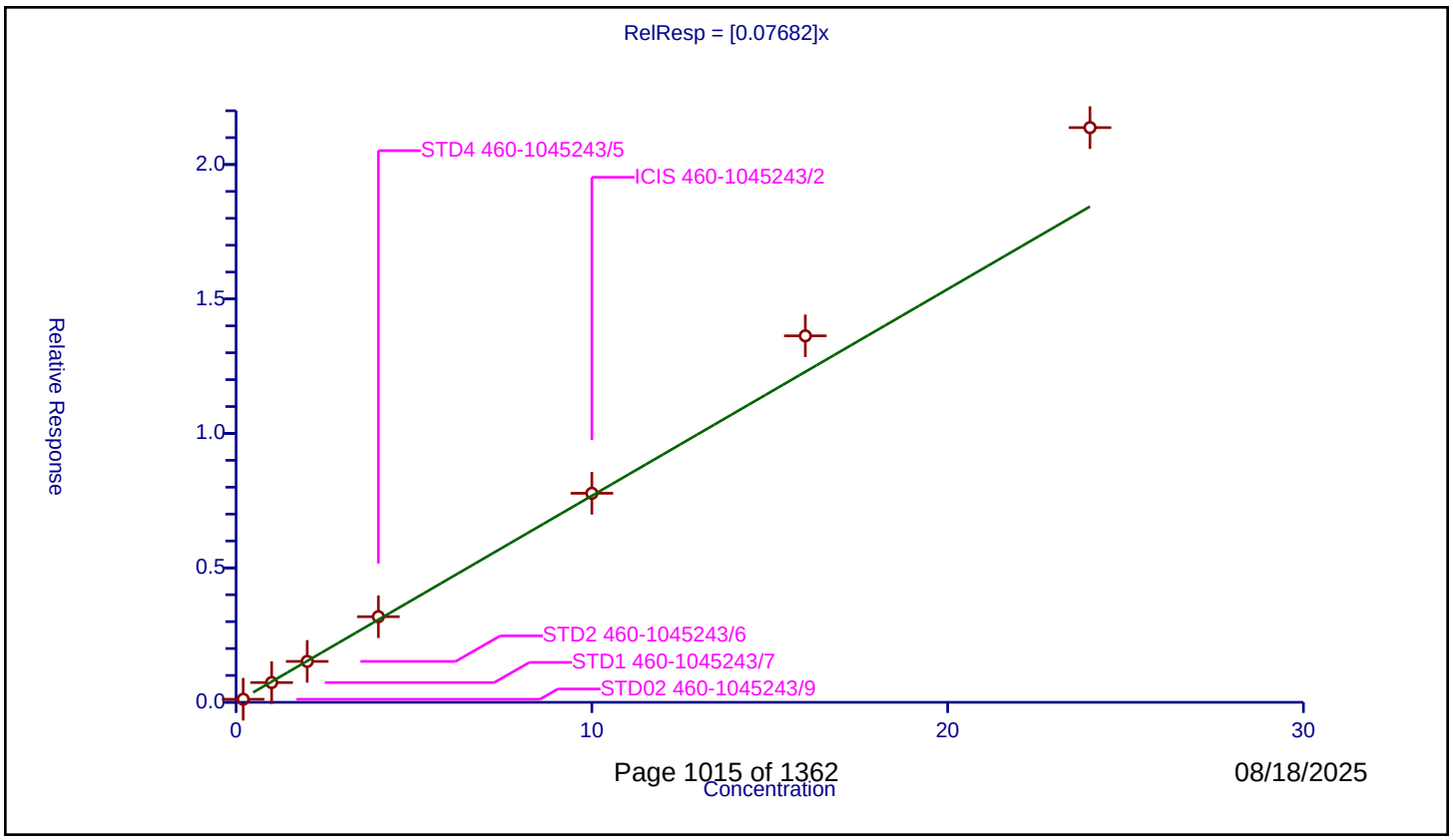
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07682 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.011328 | 8.0 | 1257798.0 | 0.056639 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.073458 | 8.0 | 1202641.0 | 0.073458 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.15216 | 8.0 | 1273237.0 | 0.07608 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 0.318401 | 8.0 | 1114545.0 | 0.0796 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 0.777381 | 8.0 | 893606.0 | 0.077738 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 1.362875 | 8.0 | 1057664.0 | 0.08518 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 2.137248 | 8.0 | 789692.0 | 0.089052 | Y |



## Calibration / n-Octadecane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

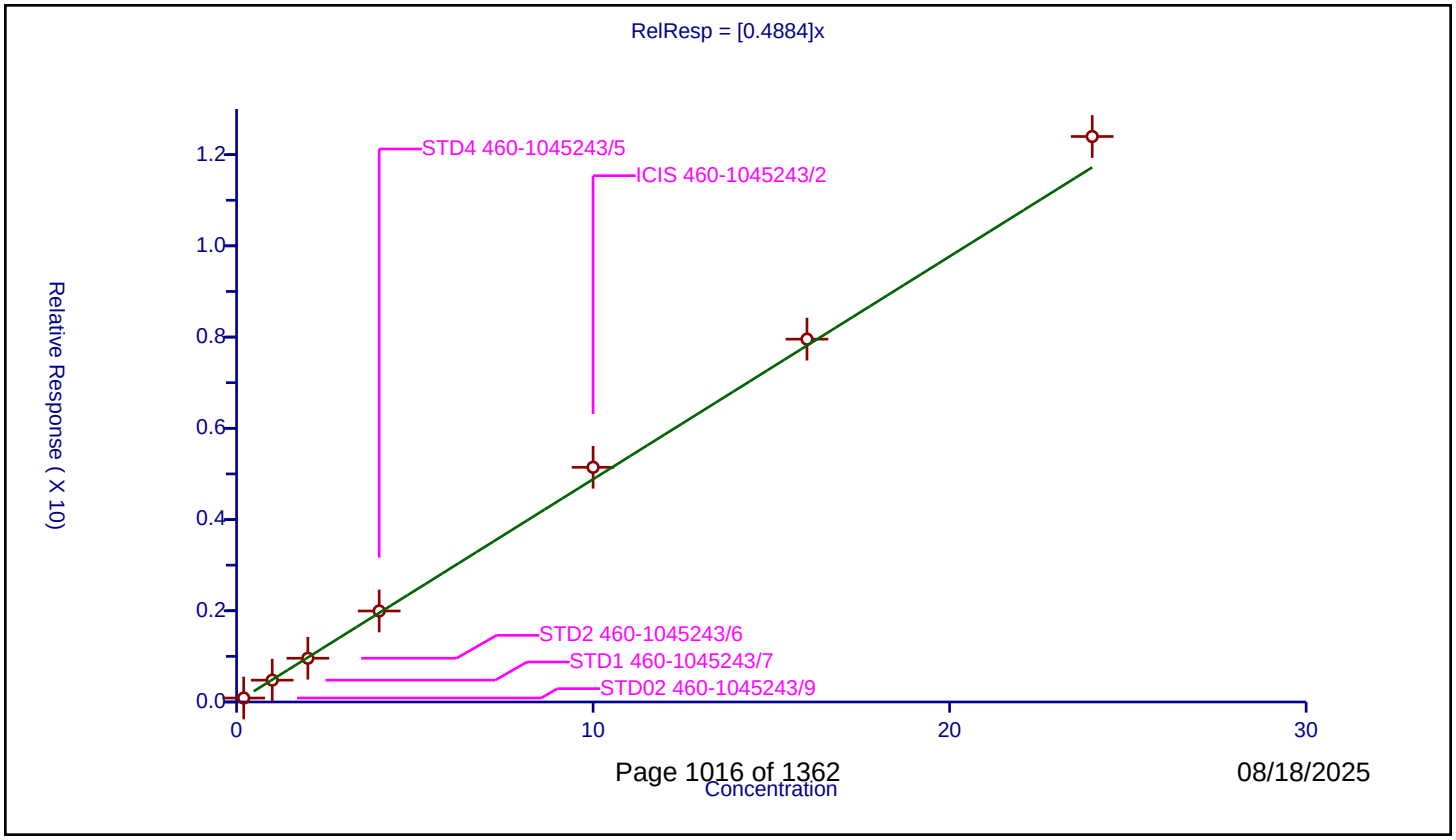
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4884 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.086736 | 8.0 | 1257798.0 | 0.433679 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.478487 | 8.0 | 1202641.0 | 0.478487 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.959061 | 8.0 | 1273237.0 | 0.479531 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.995225 | 8.0 | 1114545.0 | 0.498806 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 5.145265 | 8.0 | 893606.0 | 0.514527 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 7.954451 | 8.0 | 1057664.0 | 0.497153 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 12.396965 | 8.0 | 789692.0 | 0.51654 | Y |



## Calibration / Phenanthrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

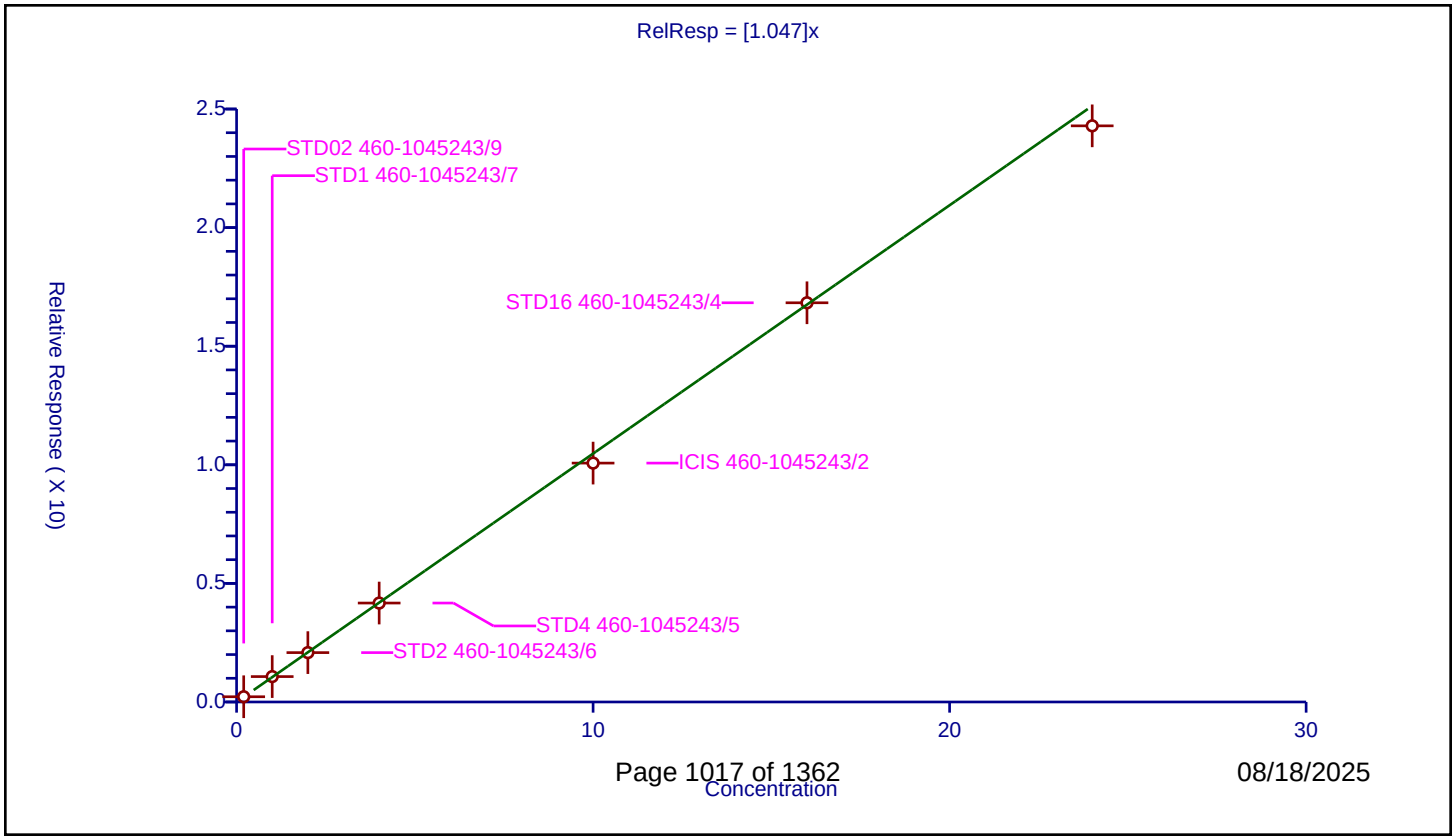
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.047 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.220881 | 8.0 | 1257798.0 | 1.104406 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.07085 | 8.0 | 1202641.0 | 1.07085 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.081039 | 8.0 | 1273237.0 | 1.04052 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.171065 | 8.0 | 1114545.0 | 1.042766 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 10.071902 | 8.0 | 893606.0 | 1.00719 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 16.831508 | 8.0 | 1057664.0 | 1.051969 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 24.290442 | 8.0 | 789692.0 | 1.012102 | Y |



## Calibration / Anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

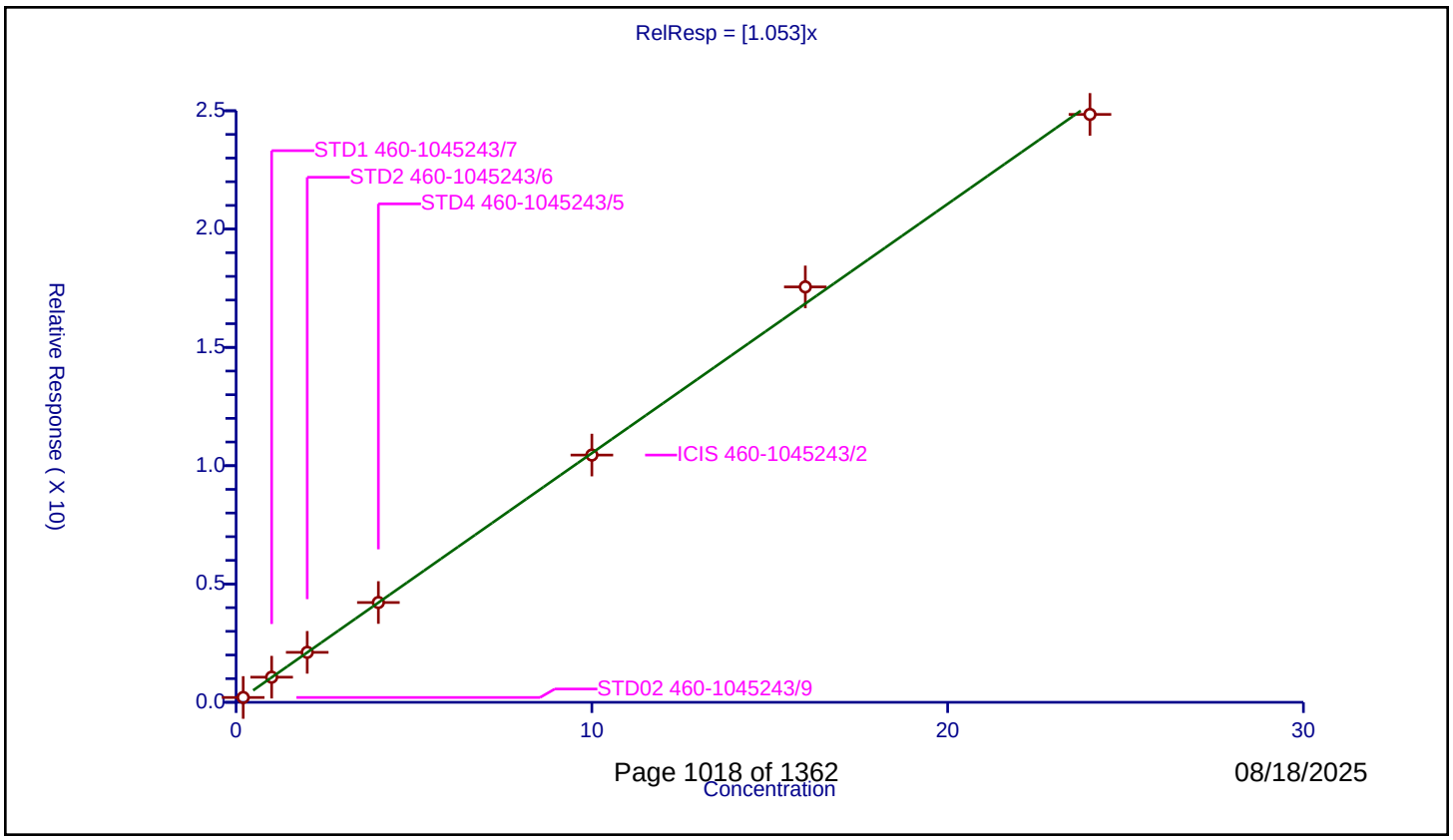
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.053 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.204338 | 8.0 | 1257798.0 | 1.02169 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.061936 | 8.0 | 1202641.0 | 1.061936 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.111839 | 8.0 | 1273237.0 | 1.05592 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.217987 | 8.0 | 1114545.0 | 1.054497 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 10.449106 | 8.0 | 893606.0 | 1.044911 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 17.554921 | 8.0 | 1057664.0 | 1.097183 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 24.845717 | 8.0 | 789692.0 | 1.035238 | Y |



## Calibration / Carbazole

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

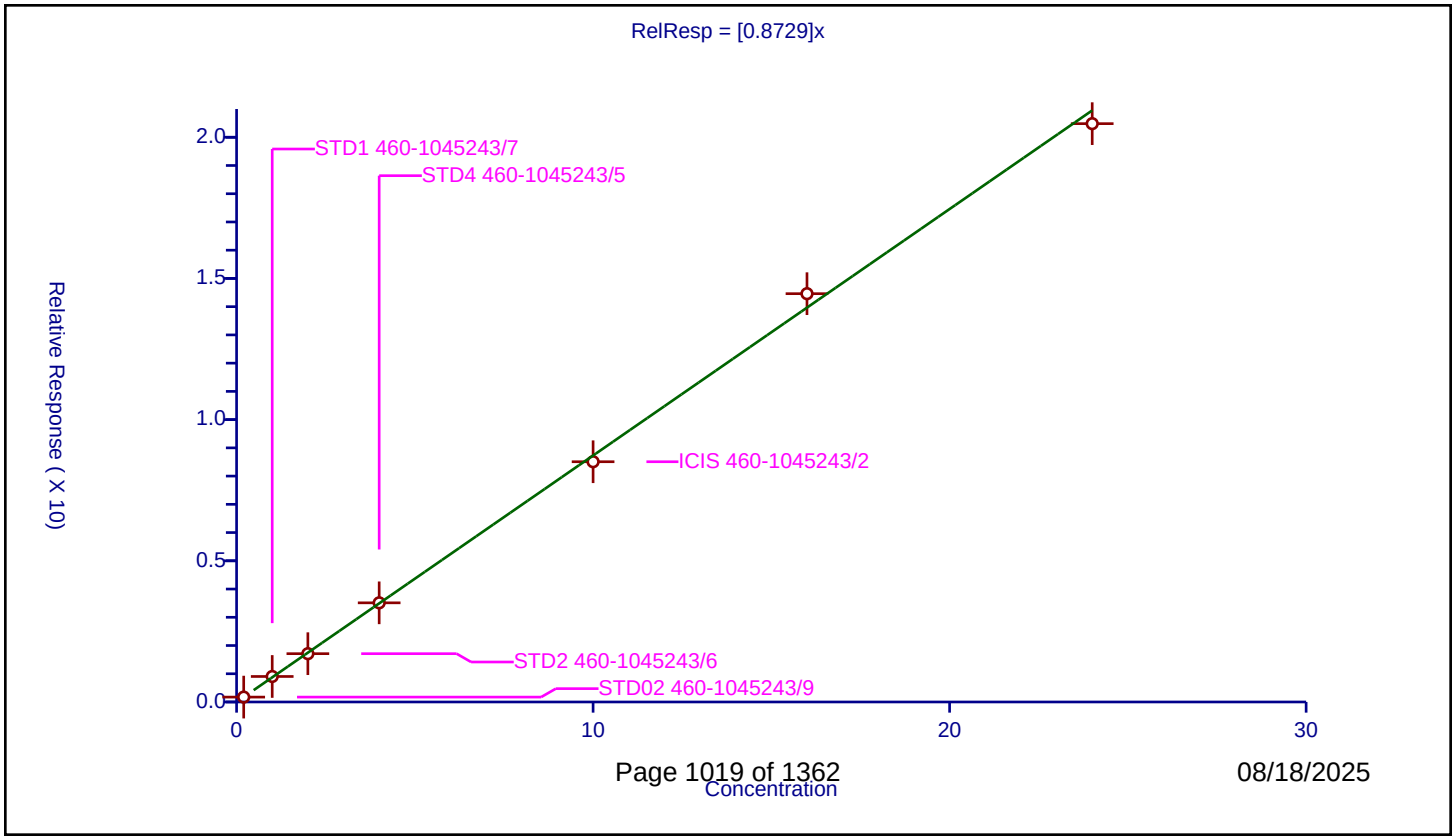
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8729 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.173109 | 8.0 | 1257798.0 | 0.865544 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.903538 | 8.0 | 1202641.0 | 0.903538 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.710569 | 8.0 | 1273237.0 | 0.855285 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 3.511711 | 8.0 | 1114545.0 | 0.877928 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 8.508591 | 8.0 | 893606.0 | 0.850859 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 14.460335 | 8.0 | 1057664.0 | 0.903771 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 20.481555 | 8.0 | 789692.0 | 0.853398 | Y |



## Calibration / Di-n-butyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

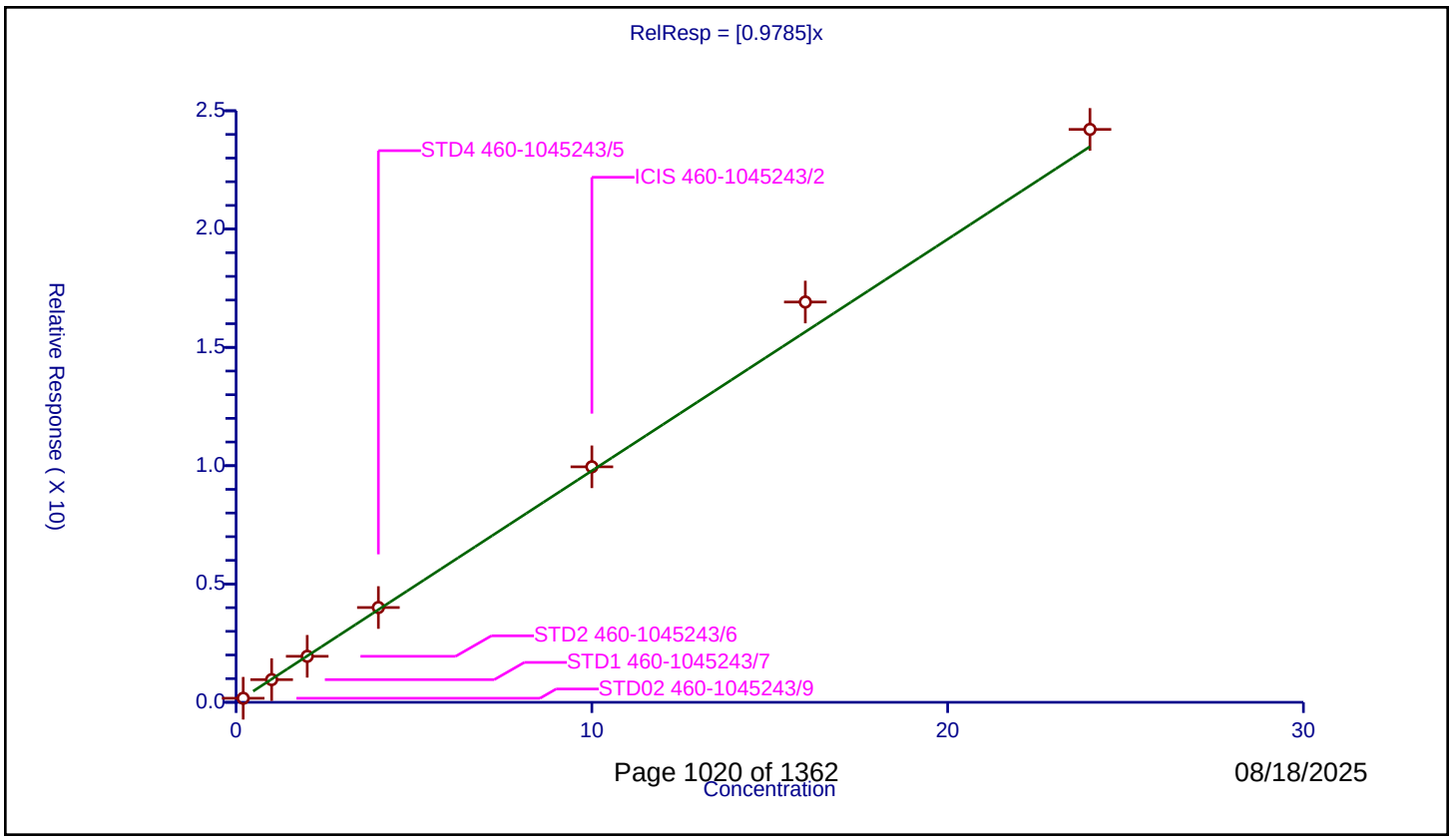
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9785 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.171309 | 8.0 | 1257798.0 | 0.856545 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.958065 | 8.0 | 1202641.0 | 0.958065 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.944587 | 8.0 | 1273237.0 | 0.972293 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.005875 | 8.0 | 1114545.0 | 1.001469 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 9.952601 | 8.0 | 893606.0 | 0.99526 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 16.916616 | 8.0 | 1057664.0 | 1.057289 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 24.212356 | 8.0 | 789692.0 | 1.008848 | Y |



## Calibration / Fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

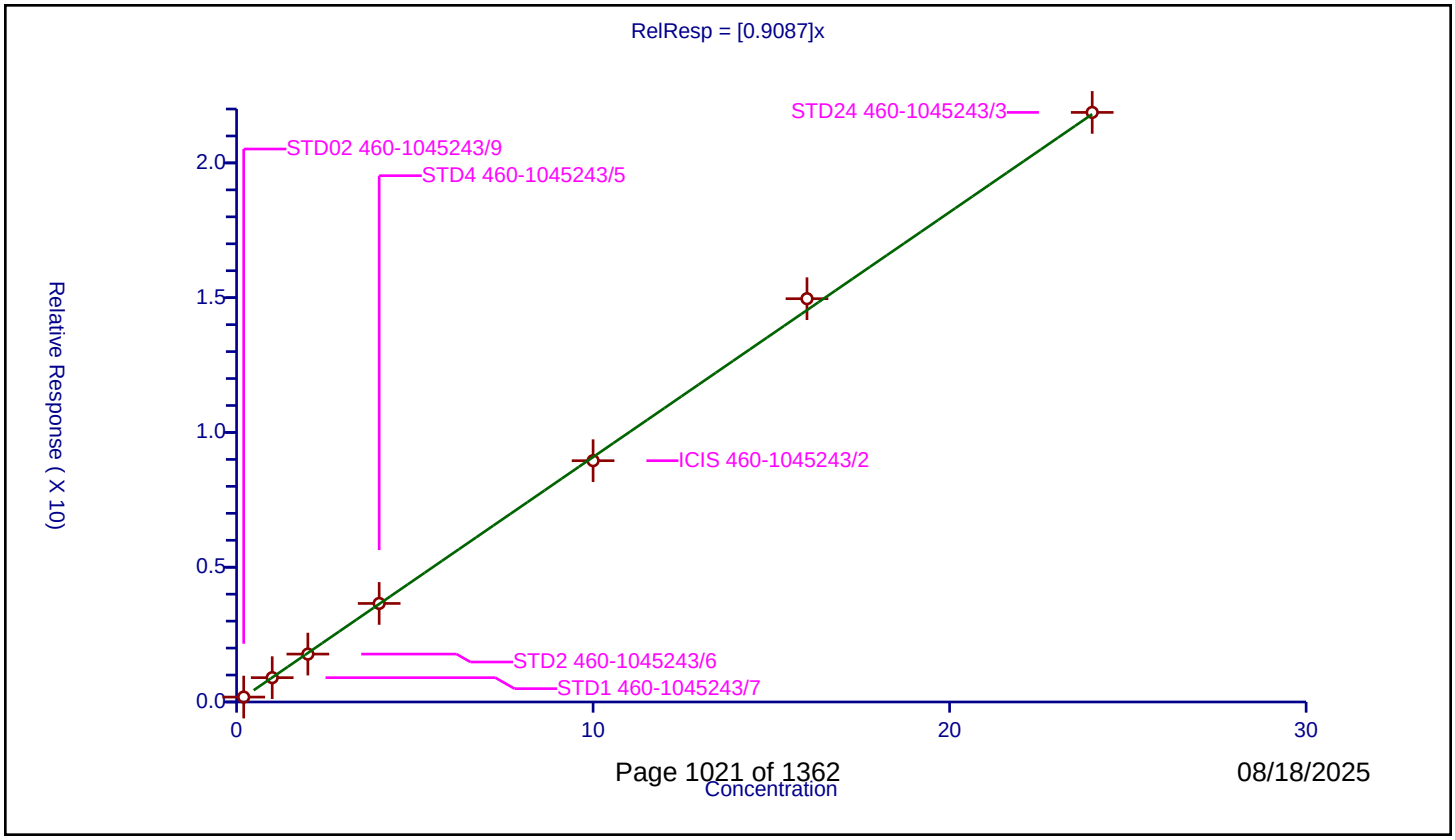
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9087 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.182662 | 8.0 | 1257798.0 | 0.91331 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.902973 | 8.0 | 1202641.0 | 0.902973 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.777265 | 8.0 | 1273237.0 | 0.888633 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 3.656595 | 8.0 | 1114545.0 | 0.914149 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 8.952617 | 8.0 | 893606.0 | 0.895262 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 14.962854 | 8.0 | 1057664.0 | 0.935178 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 21.874655 | 8.0 | 789692.0 | 0.911444 | Y |



## Calibration / Benzidine

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

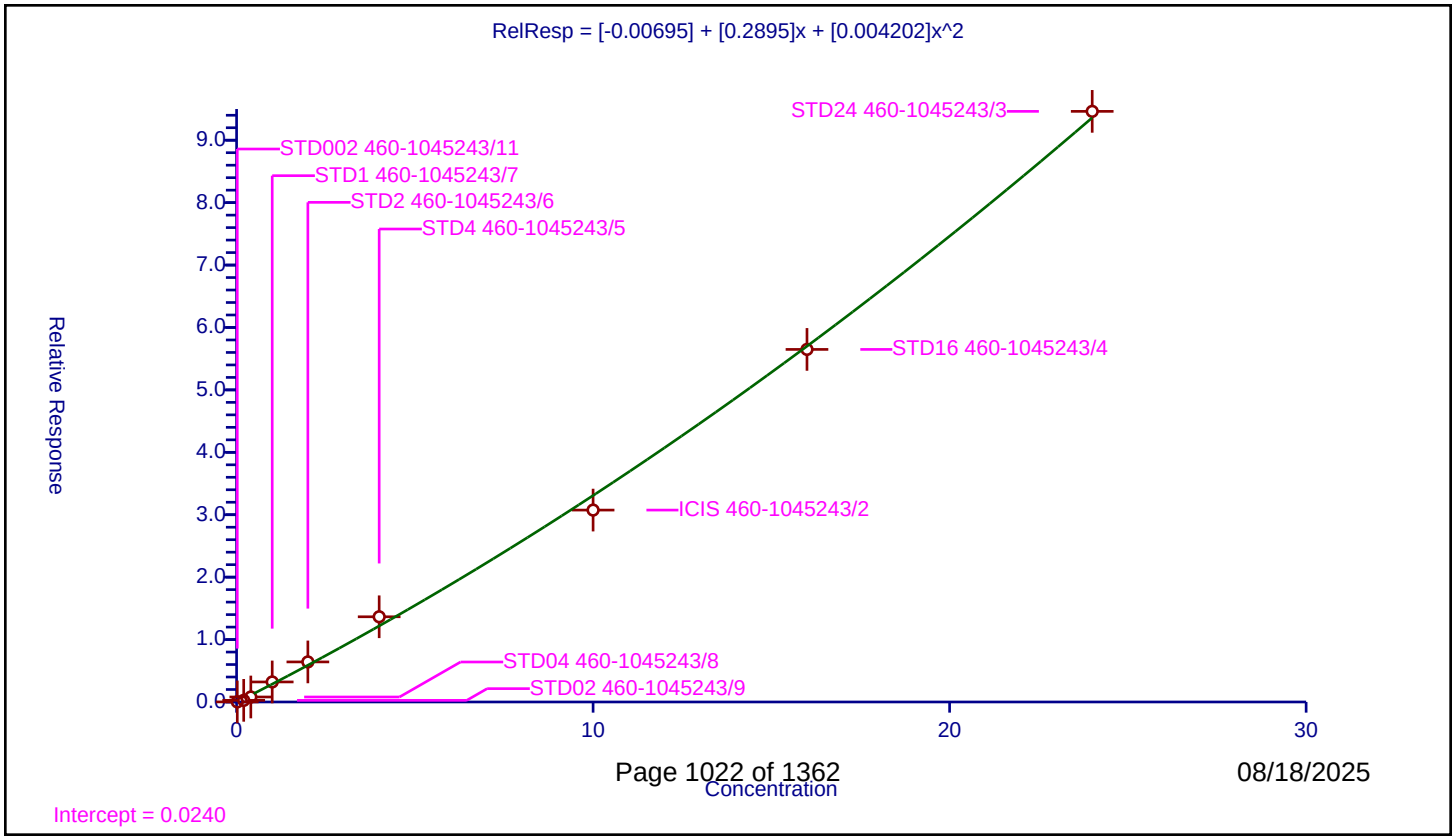
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.00695 |
| **Slope:** | 0.2895 |
| **Second Order:** | 0.004202 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 27.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.001282 | 8.0 | 1192255.0 | 0.06408 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.026243 | 8.0 | 1257798.0 | 0.131213 | Y |
| 3 | STD04 460-1045243/8 | 0.4 | 0.080266 | 8.0 | 1169606.0 | 0.200666 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.321147 | 8.0 | 1202641.0 | 0.321147 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 0.641841 | 8.0 | 1273237.0 | 0.320921 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 1.365242 | 8.0 | 1114545.0 | 0.341311 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 3.074724 | 8.0 | 893606.0 | 0.307472 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 5.648455 | 8.0 | 1057664.0 | 0.353028 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 9.462251 | 8.0 | 789692.0 | 0.39426 | Y |



## Calibration / Pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

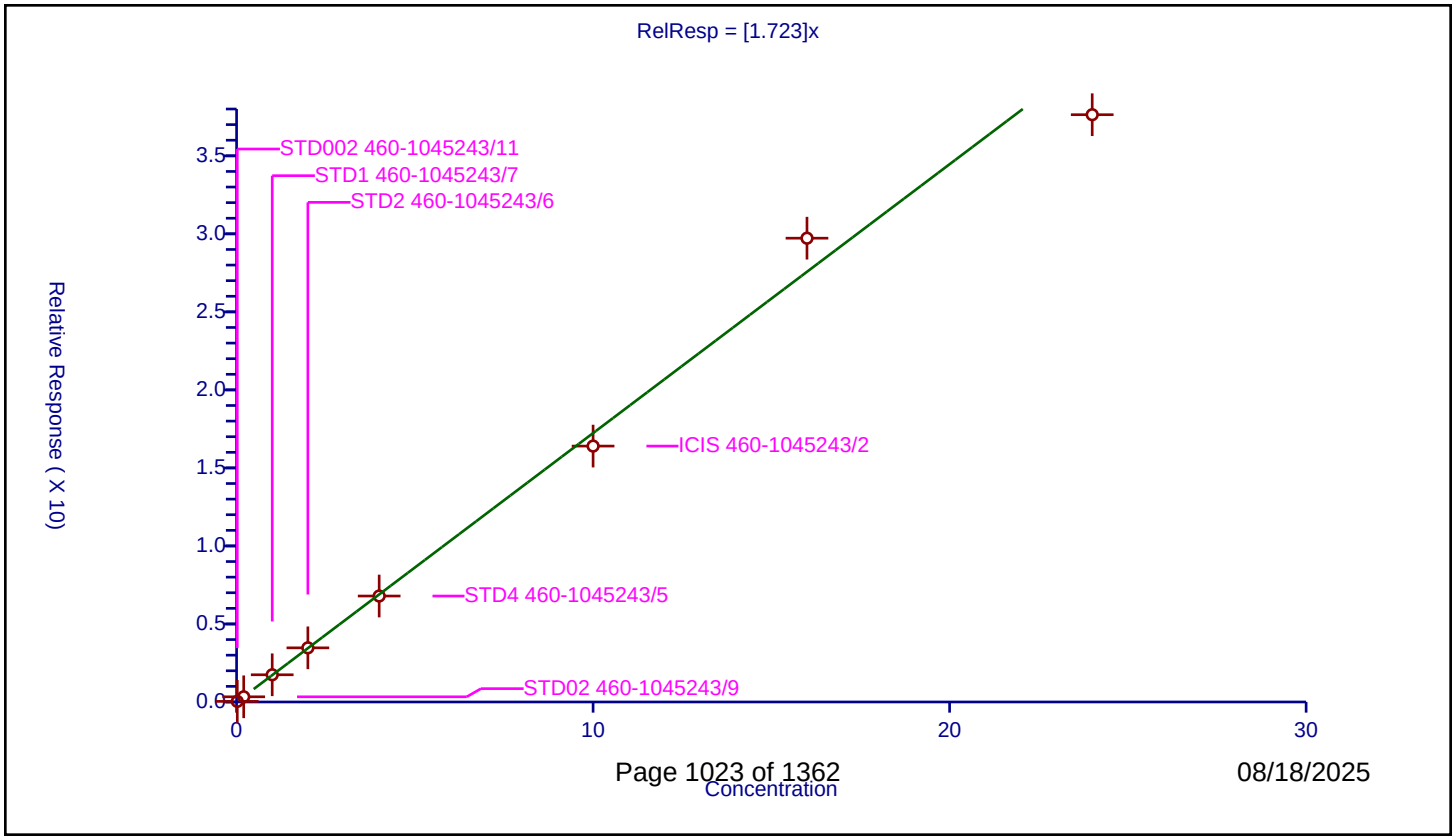
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.723 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.037635 | 8.0 | 603481.0 | 1.881749 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.332166 | 8.0 | 669858.0 | 1.66083 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 1.74436 | 8.0 | 644679.0 | 1.74436 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 3.469375 | 8.0 | 659321.0 | 1.734688 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 6.790526 | 8.0 | 610566.0 | 1.697631 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 16.400193 | 8.0 | 502138.0 | 1.640019 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 29.721696 | 8.0 | 544728.0 | 1.857606 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 37.635199 | 8.0 | 458667.0 | 1.568133 | Y |



## Calibration / Bisphenol-A

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

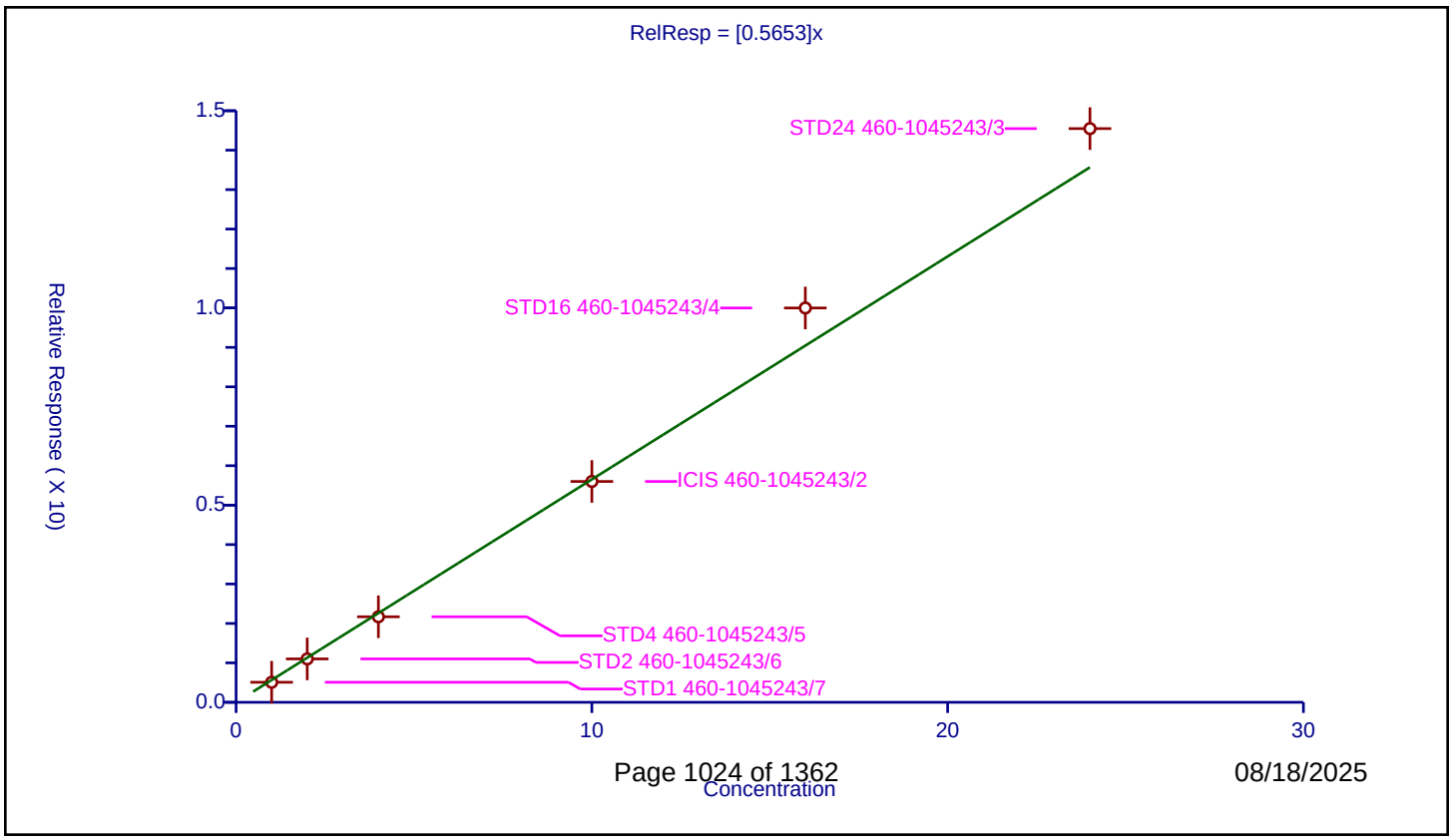
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5653 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1045243/7 | 1.0 | 0.507961 | 8.0 | 644679.0 | 0.507961 | Y |
| 2 | STD2 460-1045243/6 | 2.0 | 1.100635 | 8.0 | 659321.0 | 0.550318 | Y |
| 3 | STD4 460-1045243/5 | 4.0 | 2.168807 | 8.0 | 610566.0 | 0.542202 | Y |
| 4 | ICIS 460-1045243/2 | 10.0 | 5.599751 | 8.0 | 502138.0 | 0.559975 | Y |
| 5 | STD16 460-1045243/4 | 16.0 | 9.999001 | 8.0 | 544728.0 | 0.624938 | Y |
| 6 | STD24 460-1045243/3 | 24.0 | 14.547164 | 8.0 | 458667.0 | 0.606132 | Y |



## Calibration / Terphenyl-d14

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

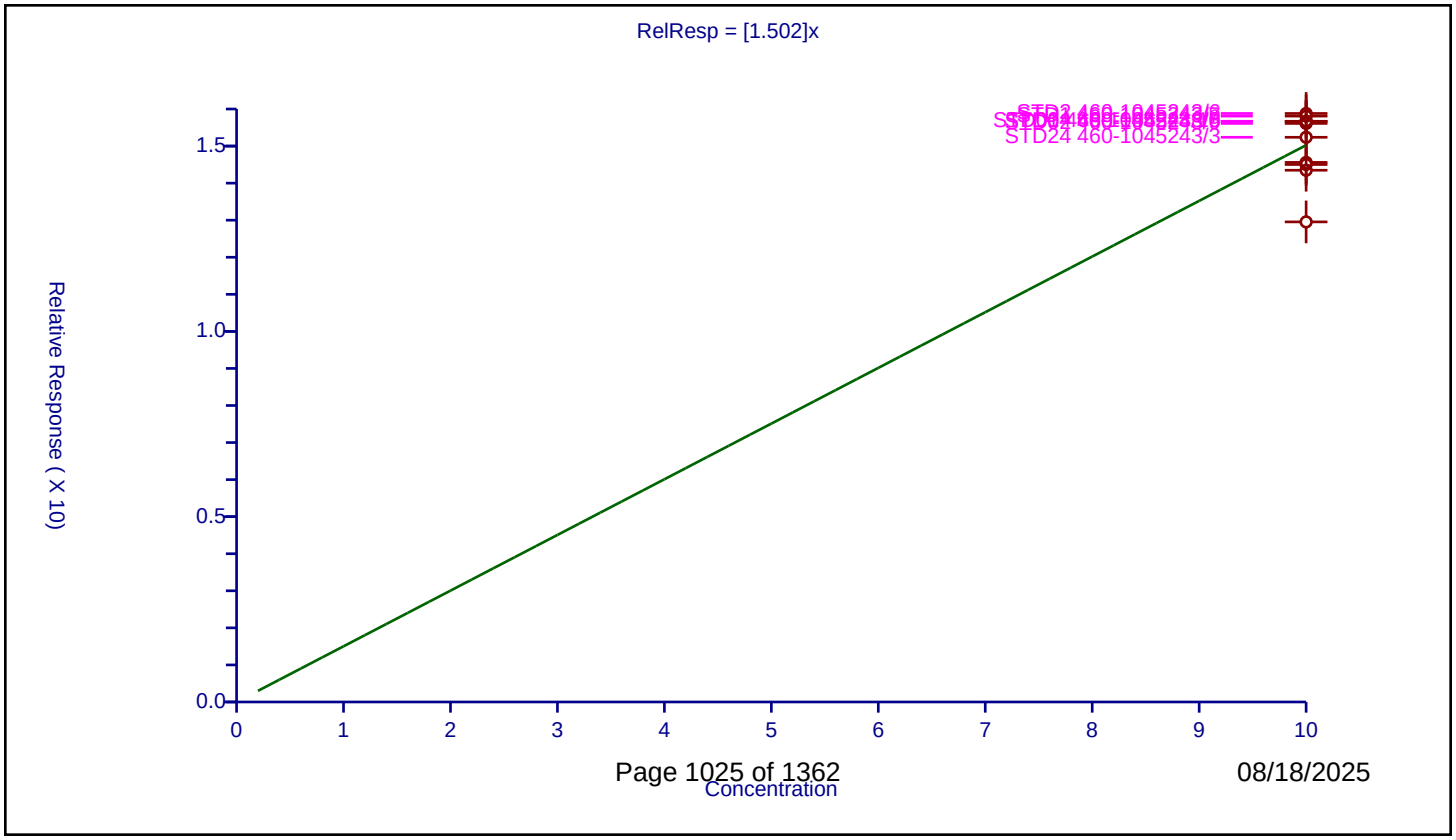
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.502 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1045243/2 | 10.0 | 12.954192 | 8.0 | 502138.0 | 1.295419 | Y |
| 2 | STD24 460-1045243/3 | 10.0 | 15.237094 | 8.0 | 458667.0 | 1.523709 | Y |
| 3 | STD16 460-1045243/4 | 10.0 | 14.502886 | 8.0 | 544728.0 | 1.450289 | Y |
| 4 | STD4 460-1045243/5 | 10.0 | 14.348012 | 8.0 | 610566.0 | 1.434801 | Y |
| 5 | STD2 460-1045243/6 | 10.0 | 15.879622 | 8.0 | 659321.0 | 1.587962 | Y |
| 6 | STD1 460-1045243/7 | 10.0 | 15.808699 | 8.0 | 644679.0 | 1.58087 | Y |
| 7 | STD04 460-1045243/8 | 10.0 | 15.669052 | 8.0 | 609836.0 | 1.566905 | Y |
| 8 | STD02 460-1045243/9 | 10.0 | 15.610747 | 8.0 | 669858.0 | 1.561075 | Y |
| 9 | STD01 460-1045243/10 | 10.0 | 15.66771 | 8.0 | 616667.0 | 1.566771 | Y |
| 10 | STD002 460-1045243/11 | 10.0 | 14.55969 | 8.0 | 603481.0 | 1.455969 | Y |



## Calibration / Butyl benzyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

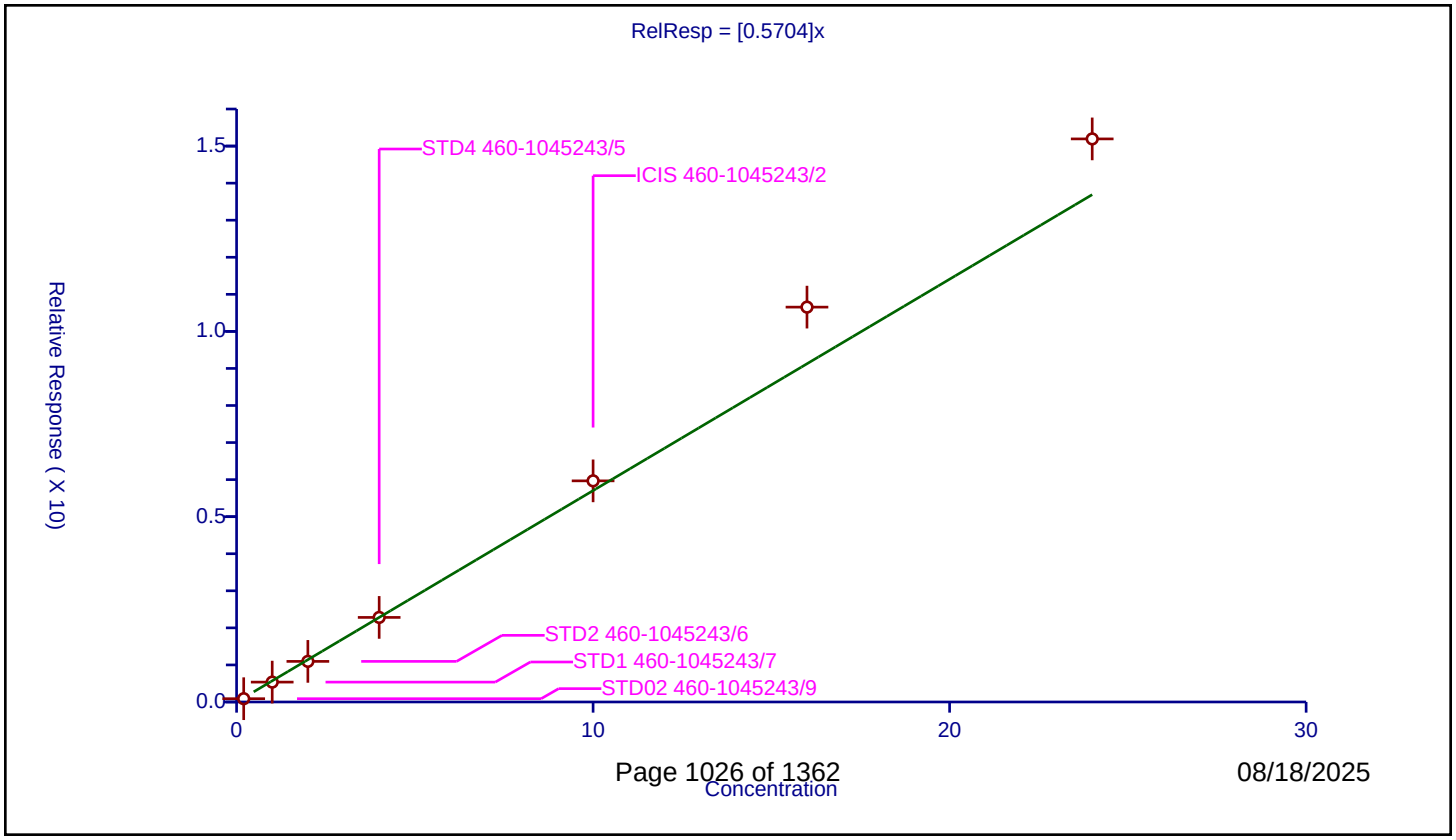
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5704 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.08852 | 8.0 | 669858.0 | 0.442601 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.536205 | 8.0 | 644679.0 | 0.536205 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 1.095636 | 8.0 | 659321.0 | 0.547818 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 2.281817 | 8.0 | 610566.0 | 0.570454 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 5.966647 | 8.0 | 502138.0 | 0.596665 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 10.654257 | 8.0 | 544728.0 | 0.665891 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 15.193315 | 8.0 | 458667.0 | 0.633055 | Y |



## Calibration / 2,3,7,8-TCDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

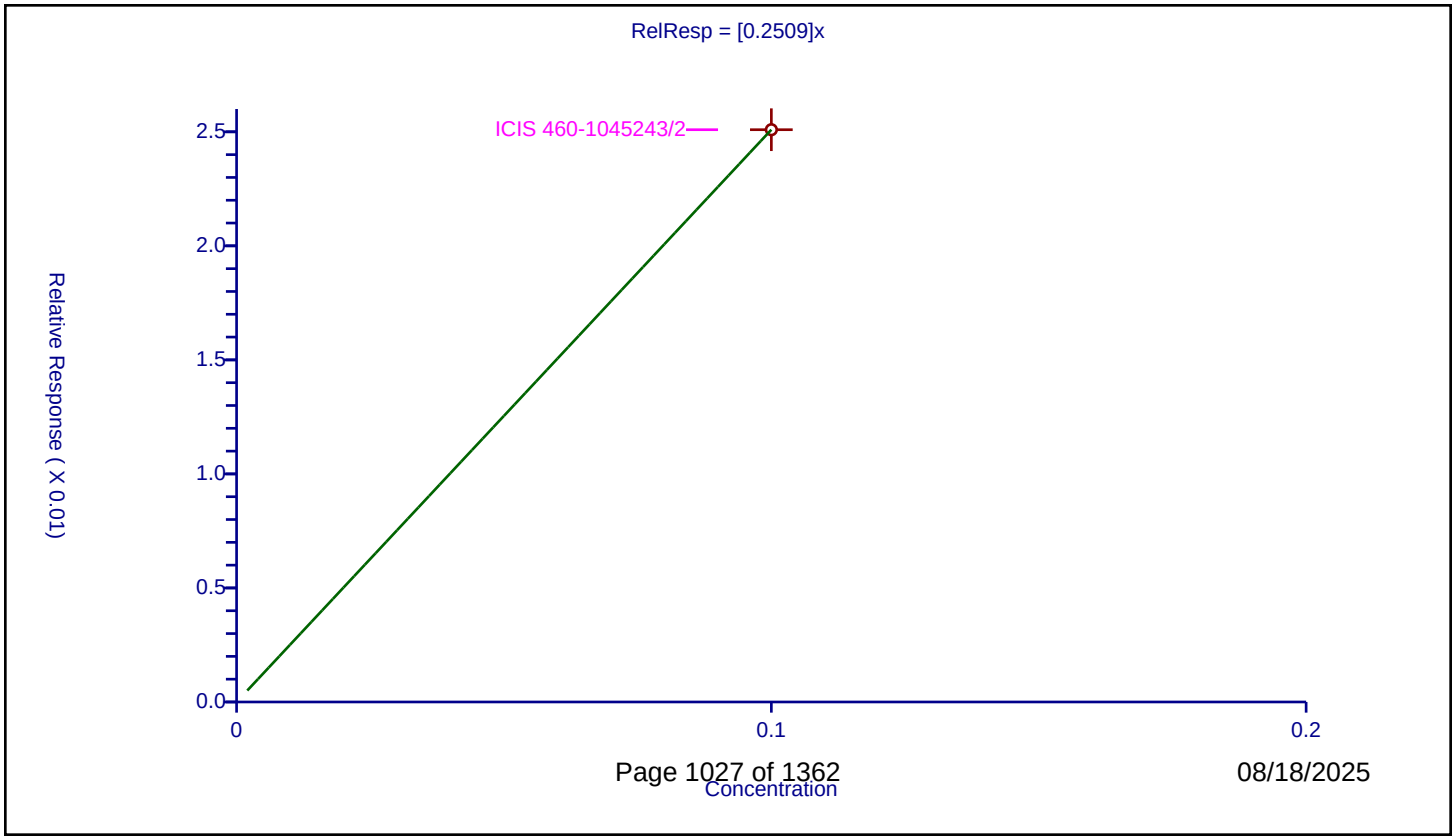
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2509 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1045243/2 | 0.1 | 0.025093 | 8.0 | 502138.0 | 0.250927 | Y |



## Calibration / Carbamazepine

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

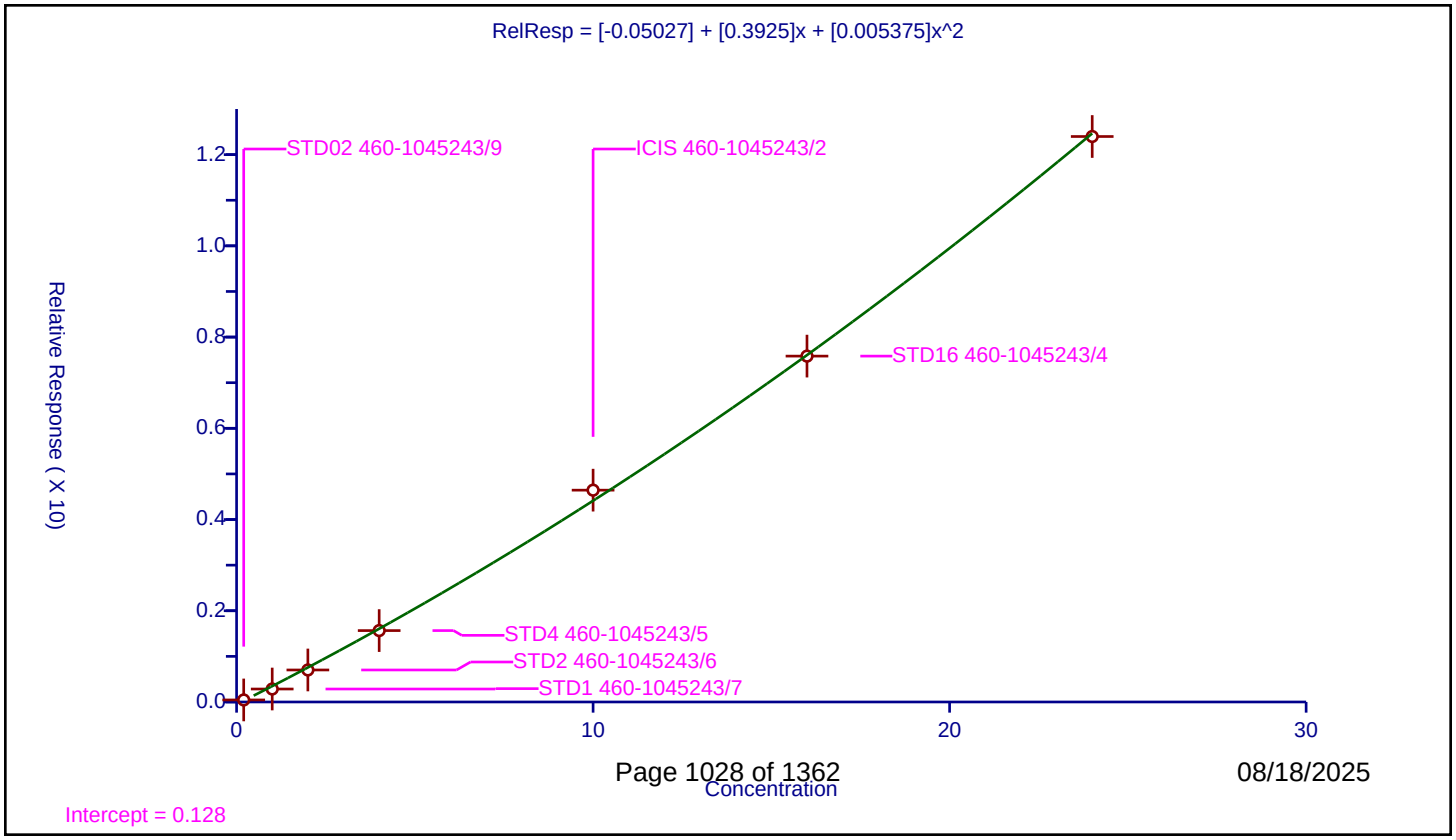
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.05027 |
| **Slope:** | 0.3925 |
| **Second Order:** | 0.005375 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.044702 | 8.0 | 669858.0 | 0.22351 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 0.284669 | 8.0 | 644679.0 | 0.284669 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 0.701728 | 8.0 | 659321.0 | 0.350864 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 1.565354 | 8.0 | 610566.0 | 0.391339 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 4.643903 | 8.0 | 502138.0 | 0.46439 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 7.582691 | 8.0 | 544728.0 | 0.473918 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 12.397491 | 8.0 | 458667.0 | 0.516562 | Y |



## Calibration / 3,3'-Dichlorobenzidine

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

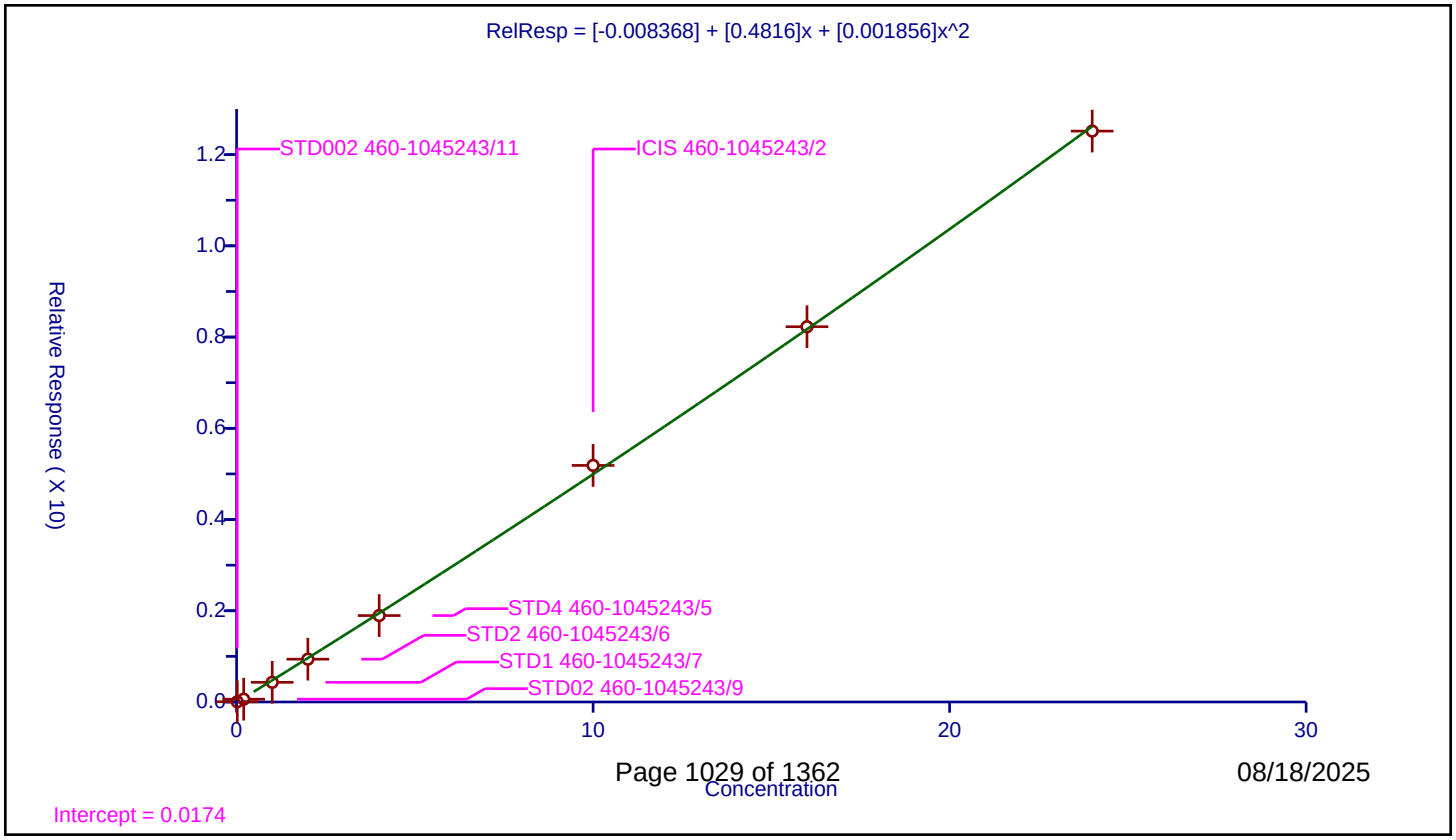
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.008368 |
| **Slope:** | 0.4816 |
| **Second Order:** | 0.001856 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.004905 | 8.0 | 603481.0 | 0.245244 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.061768 | 8.0 | 669858.0 | 0.308842 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.431198 | 8.0 | 644679.0 | 0.431198 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 0.938711 | 8.0 | 659321.0 | 0.469356 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 1.894583 | 8.0 | 610566.0 | 0.473646 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 5.186224 | 8.0 | 502138.0 | 0.518622 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 8.226829 | 8.0 | 544728.0 | 0.514177 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 12.516096 | 8.0 | 458667.0 | 0.521504 | Y |



## Calibration / Benzo[a]anthracene

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

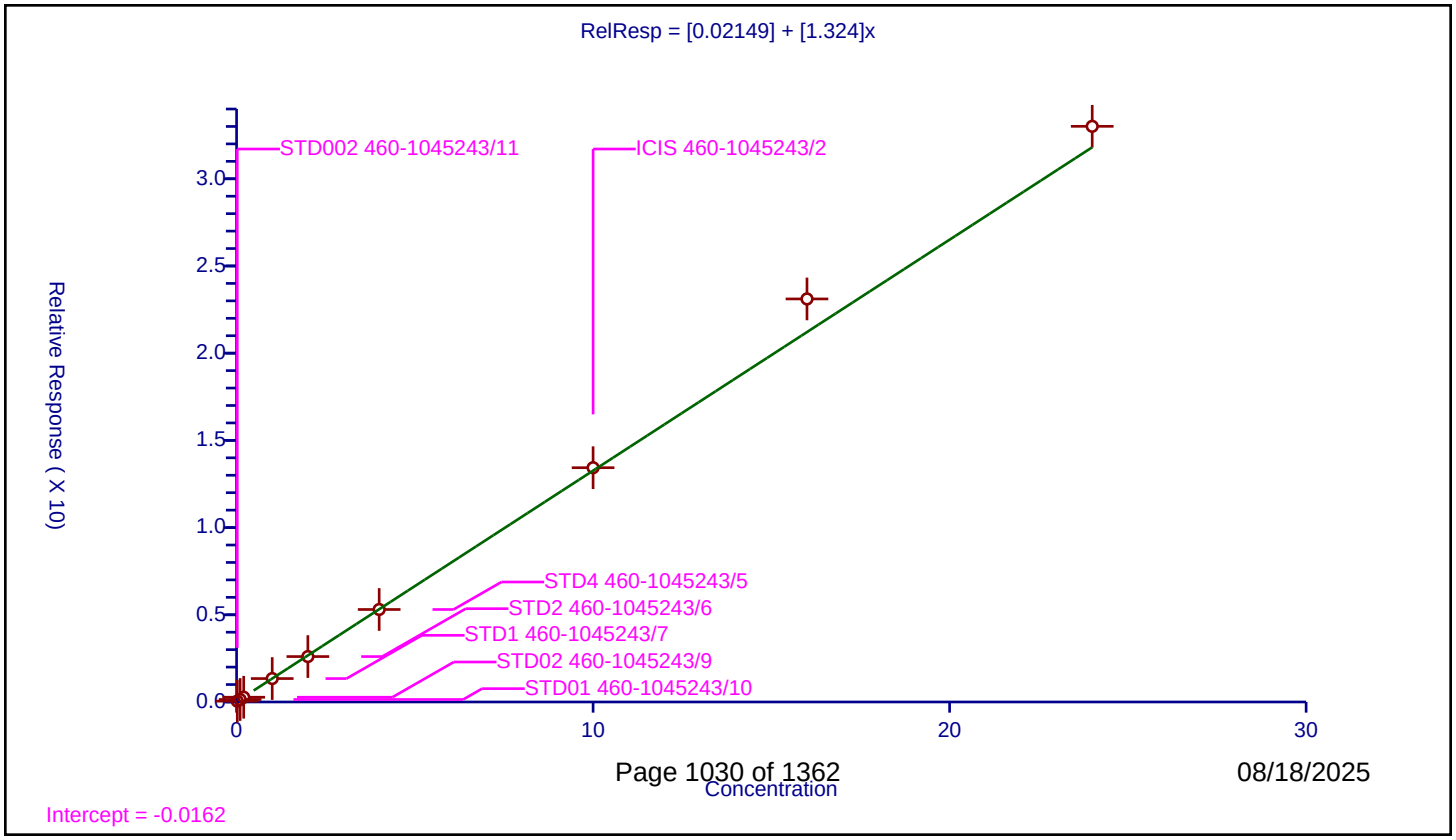
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.02149 |
| **Slope:** | 1.324 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.048545 | 8.0 | 603481.0 | 2.427251 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.142949 | 8.0 | 616667.0 | 1.429491 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.27318 | 8.0 | 669858.0 | 1.365901 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.34359 | 8.0 | 644679.0 | 1.34359 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 2.603952 | 8.0 | 659321.0 | 1.301976 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 5.303997 | 8.0 | 610566.0 | 1.325999 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 13.433789 | 8.0 | 502138.0 | 1.343379 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 23.109882 | 8.0 | 544728.0 | 1.444368 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 33.007023 | 8.0 | 458667.0 | 1.375293 | Y |



## Calibration / Chrysene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

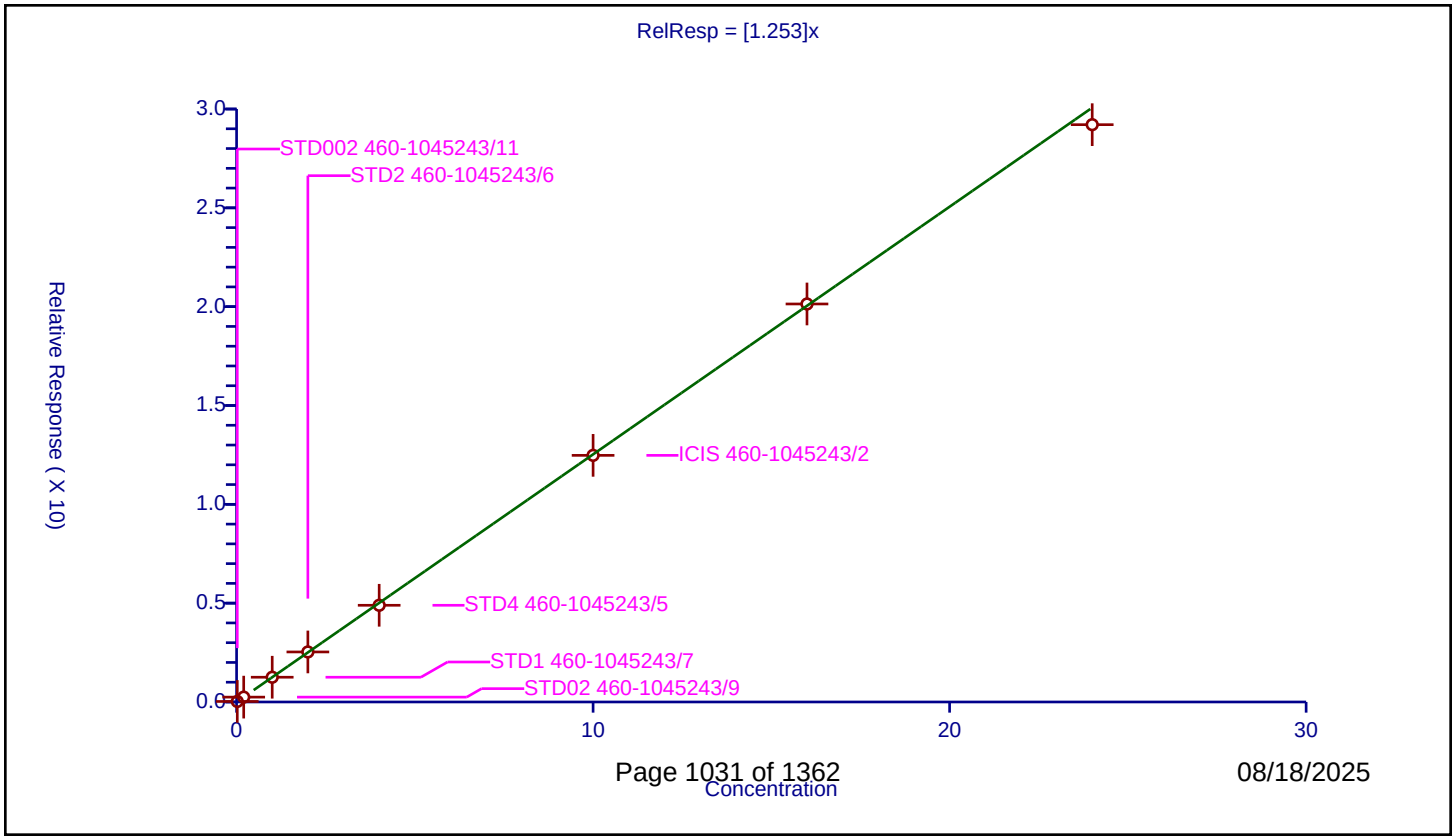
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.253 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.026553 | 8.0 | 603481.0 | 1.327631 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.24607 | 8.0 | 669858.0 | 1.23035 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 1.252381 | 8.0 | 644679.0 | 1.252381 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 2.531065 | 8.0 | 659321.0 | 1.265532 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 4.893178 | 8.0 | 610566.0 | 1.223294 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 12.476873 | 8.0 | 502138.0 | 1.247687 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 20.136127 | 8.0 | 544728.0 | 1.258508 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 29.208432 | 8.0 | 458667.0 | 1.217018 | Y |



## Calibration / Bis(2-ethylhexyl) phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

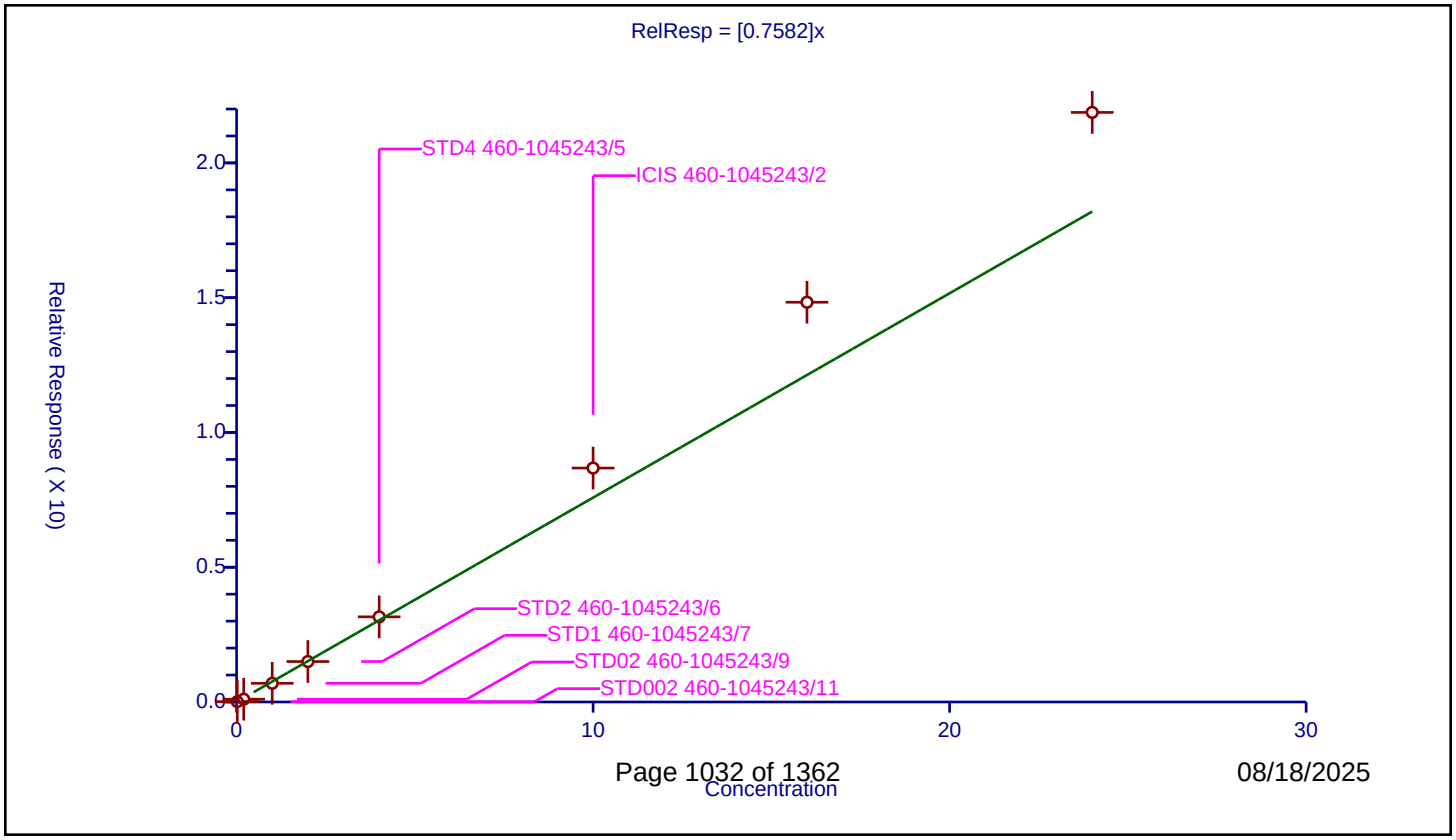
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7582 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.012262 | 8.0 | 603481.0 | 0.61311 | Y |
| 2 | STD02 460-1045243/9 | 0.2 | 0.10272 | 8.0 | 669858.0 | 0.513601 | Y |
| 3 | STD1 460-1045243/7 | 1.0 | 0.692611 | 8.0 | 644679.0 | 0.692611 | Y |
| 4 | STD2 460-1045243/6 | 2.0 | 1.500028 | 8.0 | 659321.0 | 0.750014 | Y |
| 5 | STD4 460-1045243/5 | 4.0 | 3.158538 | 8.0 | 610566.0 | 0.789635 | Y |
| 6 | ICIS 460-1045243/2 | 10.0 | 8.67908 | 8.0 | 502138.0 | 0.867908 | Y |
| 7 | STD16 460-1045243/4 | 16.0 | 14.830932 | 8.0 | 544728.0 | 0.926933 | Y |
| 8 | STD24 460-1045243/3 | 24.0 | 21.874536 | 8.0 | 458667.0 | 0.911439 | Y |



## Calibration / Di-n-octyl phthalate

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

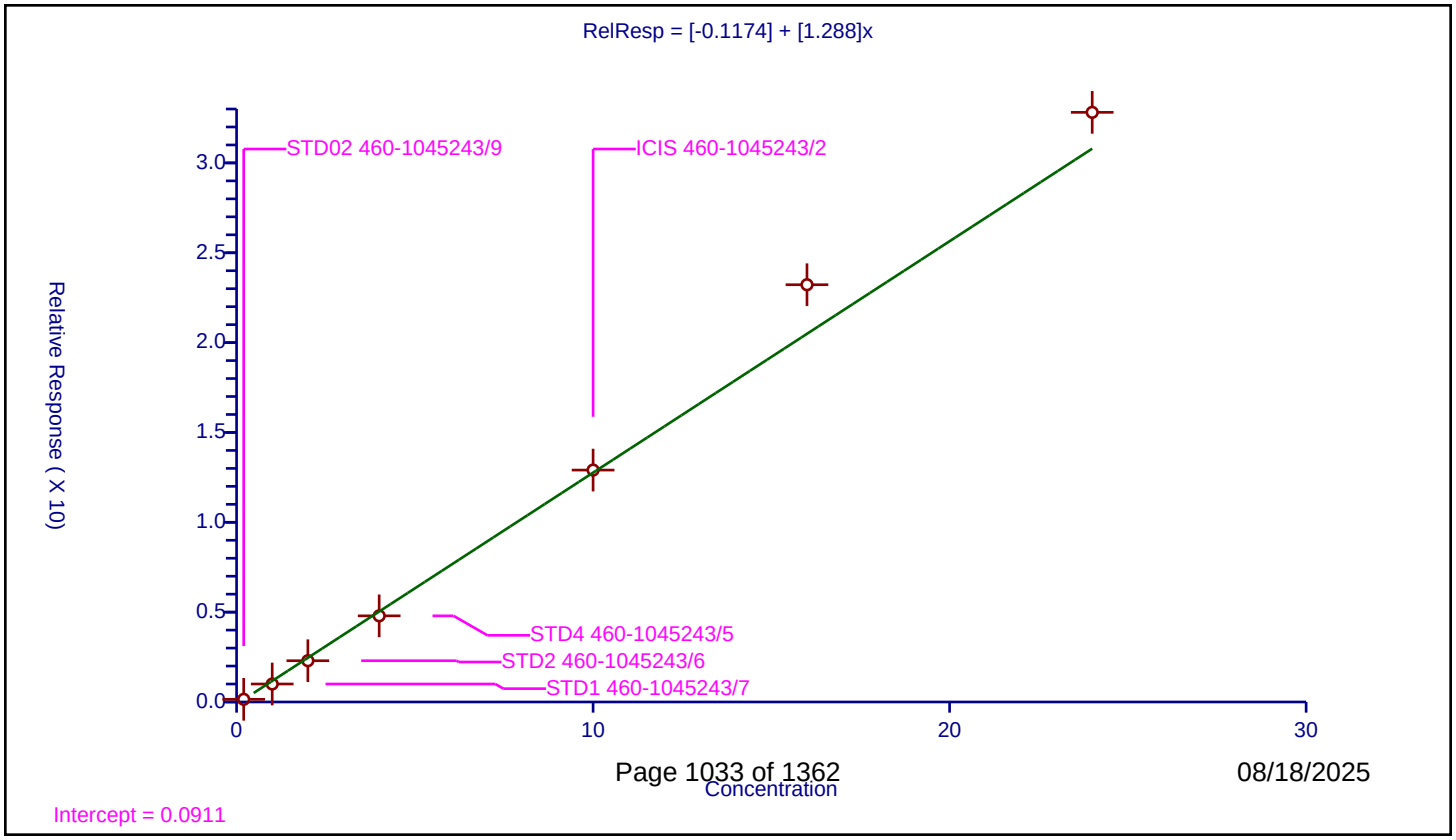
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.1174 |
| **Slope:** | 1.288 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1045243/9 | 0.2 | 0.148626 | 8.0 | 541171.0 | 0.743129 | Y |
| 2 | STD1 460-1045243/7 | 1.0 | 1.000677 | 8.0 | 560061.0 | 1.000677 | Y |
| 3 | STD2 460-1045243/6 | 2.0 | 2.296245 | 8.0 | 570974.0 | 1.148122 | Y |
| 4 | STD4 460-1045243/5 | 4.0 | 4.793594 | 8.0 | 557983.0 | 1.198399 | Y |
| 5 | ICIS 460-1045243/2 | 10.0 | 12.90619 | 8.0 | 479895.0 | 1.290619 | Y |
| 6 | STD16 460-1045243/4 | 16.0 | 23.221361 | 8.0 | 493302.0 | 1.451335 | Y |
| 7 | STD24 460-1045243/3 | 24.0 | 32.814181 | 8.0 | 460949.0 | 1.367258 | Y |



## Calibration / Benzo[b]fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

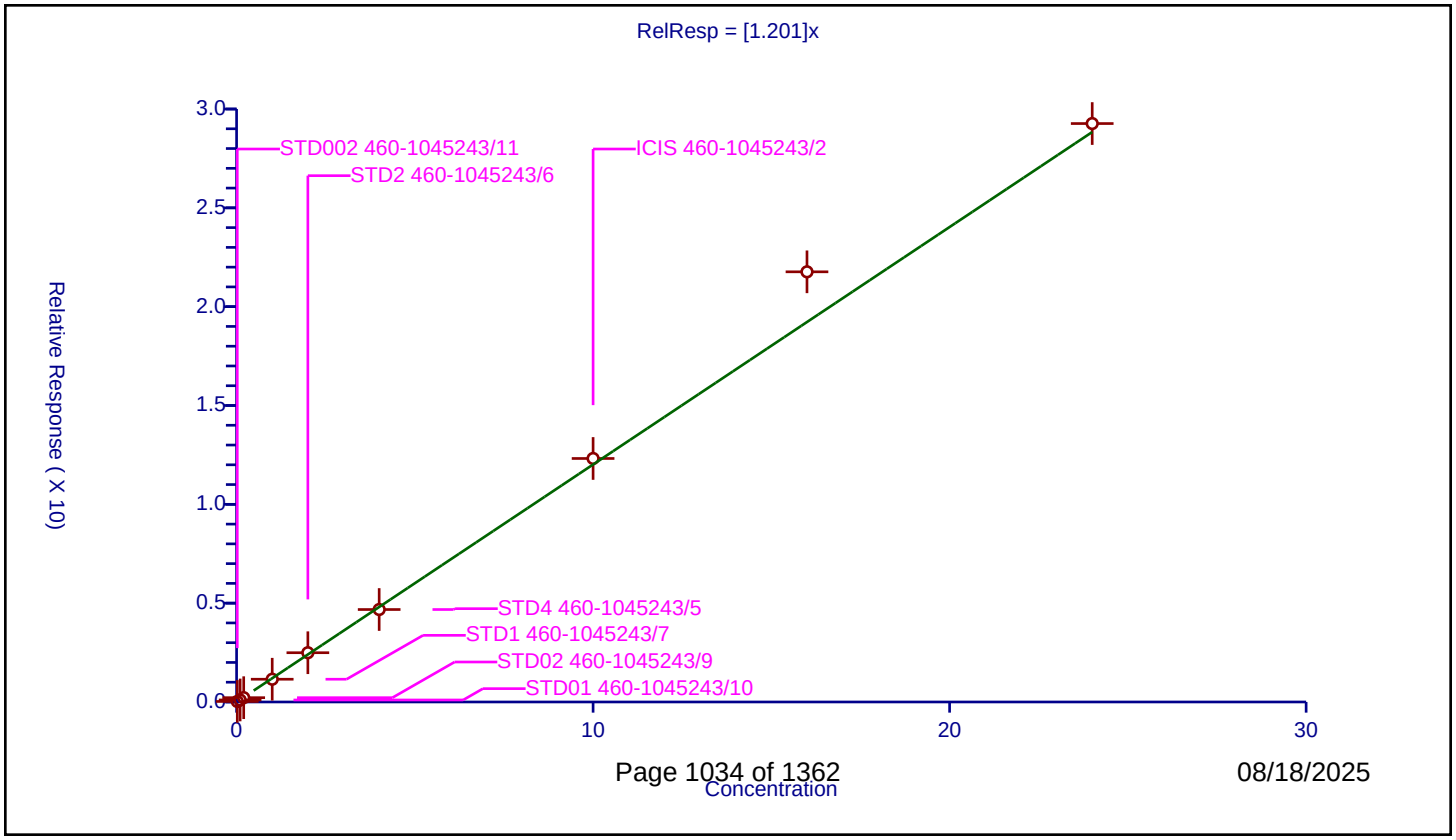
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.201 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.026473 | 8.0 | 511618.0 | 1.323644 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.102098 | 8.0 | 516288.0 | 1.020981 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.217942 | 8.0 | 541171.0 | 1.089711 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.151417 | 8.0 | 560061.0 | 1.151417 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 2.492737 | 8.0 | 570974.0 | 1.246368 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 4.677648 | 8.0 | 557983.0 | 1.169412 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 12.318945 | 8.0 | 479895.0 | 1.231894 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 21.763447 | 8.0 | 493302.0 | 1.360215 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 29.265329 | 8.0 | 460949.0 | 1.219389 | Y |



## Calibration / Benzo[k]fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

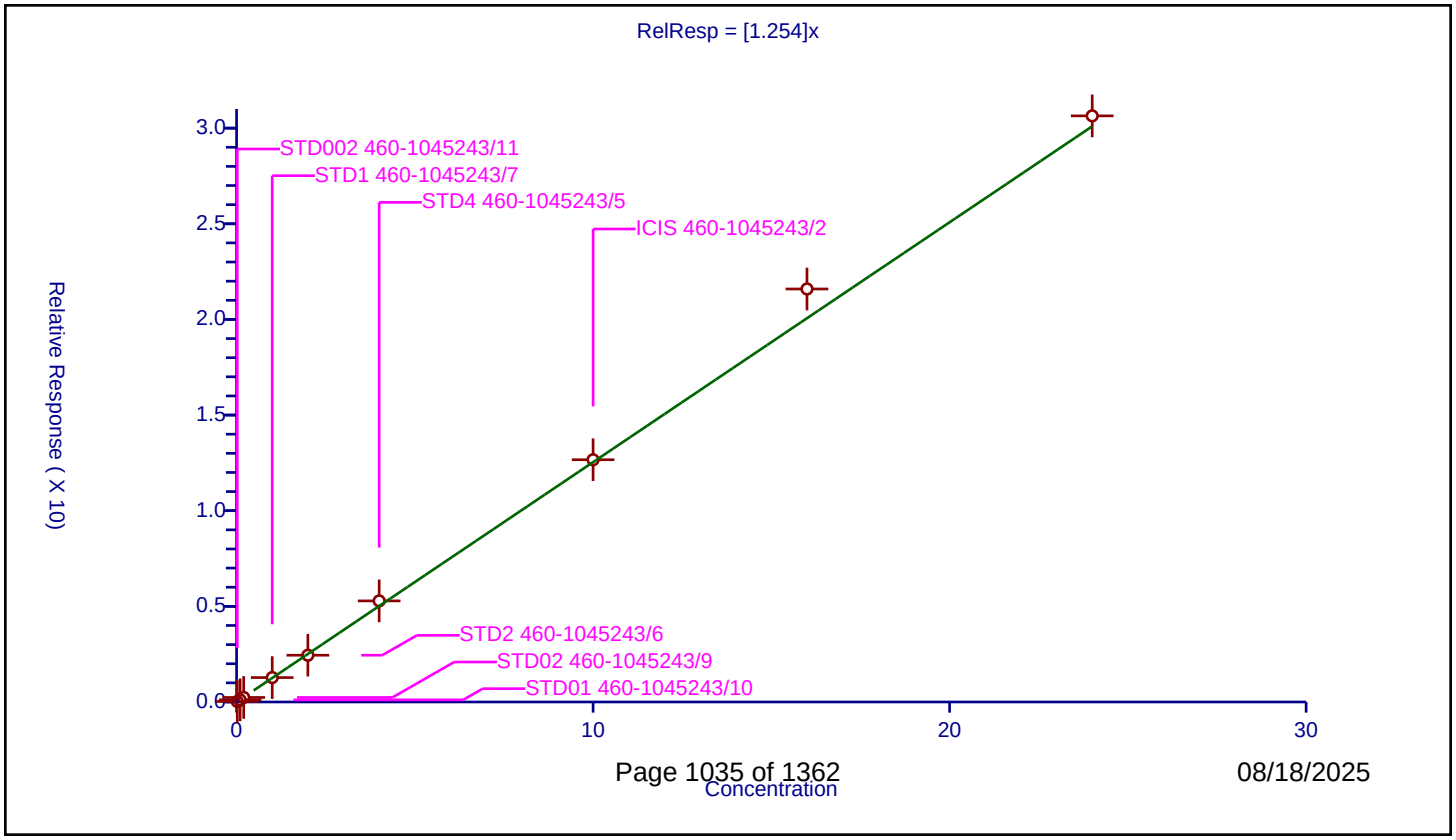
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.254 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.025425 | 8.0 | 511618.0 | 1.271261 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.111674 | 8.0 | 516288.0 | 1.116741 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.236894 | 8.0 | 541171.0 | 1.184468 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.276875 | 8.0 | 560061.0 | 1.276875 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 2.4443 | 8.0 | 570974.0 | 1.22215 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 5.284333 | 8.0 | 557983.0 | 1.321083 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 12.66442 | 8.0 | 479895.0 | 1.266442 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 21.591479 | 8.0 | 493302.0 | 1.349467 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 30.641759 | 8.0 | 460949.0 | 1.27674 | Y |



## Calibration / Benzo[a]pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

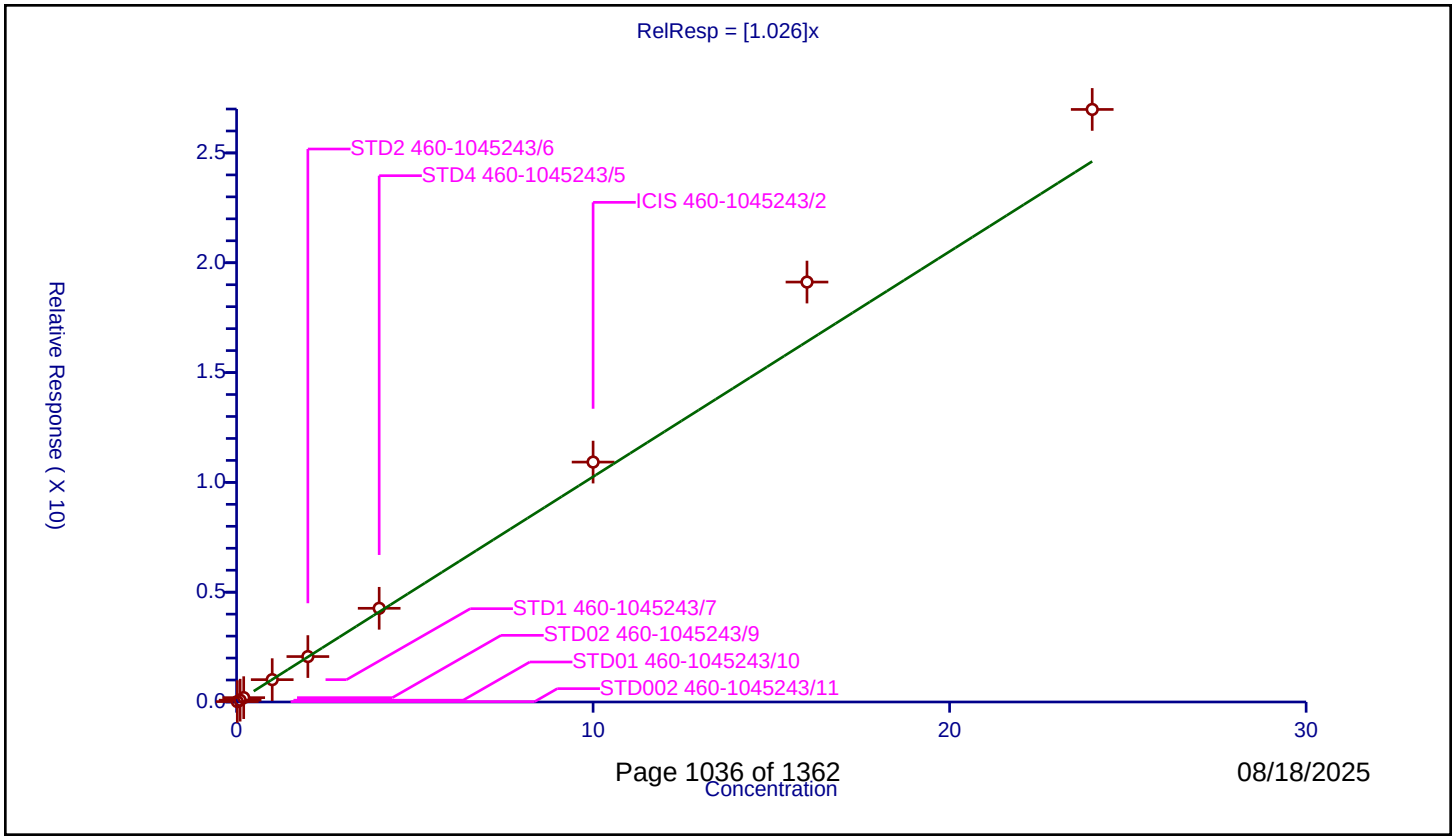
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.026 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.017826 | 8.0 | 511618.0 | 0.89129 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.082295 | 8.0 | 516288.0 | 0.822952 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.19735 | 8.0 | 541171.0 | 0.986749 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 1.017418 | 8.0 | 560061.0 | 1.017418 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 2.068059 | 8.0 | 570974.0 | 1.03403 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 4.26608 | 8.0 | 557983.0 | 1.06652 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 10.923873 | 8.0 | 479895.0 | 1.092387 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 19.120523 | 8.0 | 493302.0 | 1.195033 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 26.980911 | 8.0 | 460949.0 | 1.124205 | Y |



## Calibration / Indeno[1,2,3-cd]pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

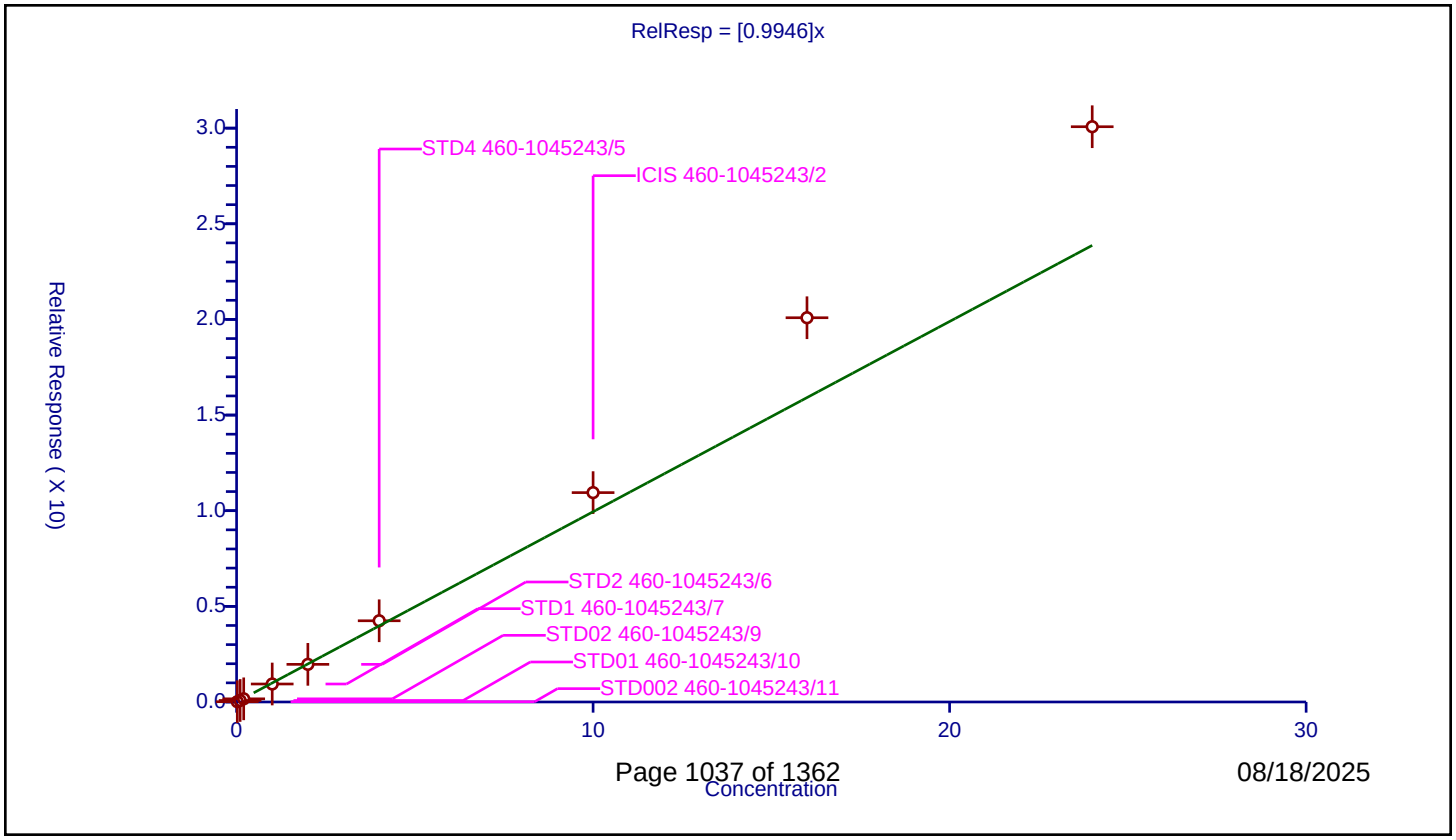
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9946 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.014996 | 8.0 | 511618.0 | 0.749778 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.078809 | 8.0 | 516288.0 | 0.788087 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.164946 | 8.0 | 541171.0 | 0.82473 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.940455 | 8.0 | 560061.0 | 0.940455 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 1.967207 | 8.0 | 570974.0 | 0.983603 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 4.245792 | 8.0 | 557983.0 | 1.061448 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 10.945278 | 8.0 | 479895.0 | 1.094528 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 20.087962 | 8.0 | 493302.0 | 1.255498 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 30.074911 | 8.0 | 460949.0 | 1.253121 | Y |



## Calibration / Dibenz(a,h)anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

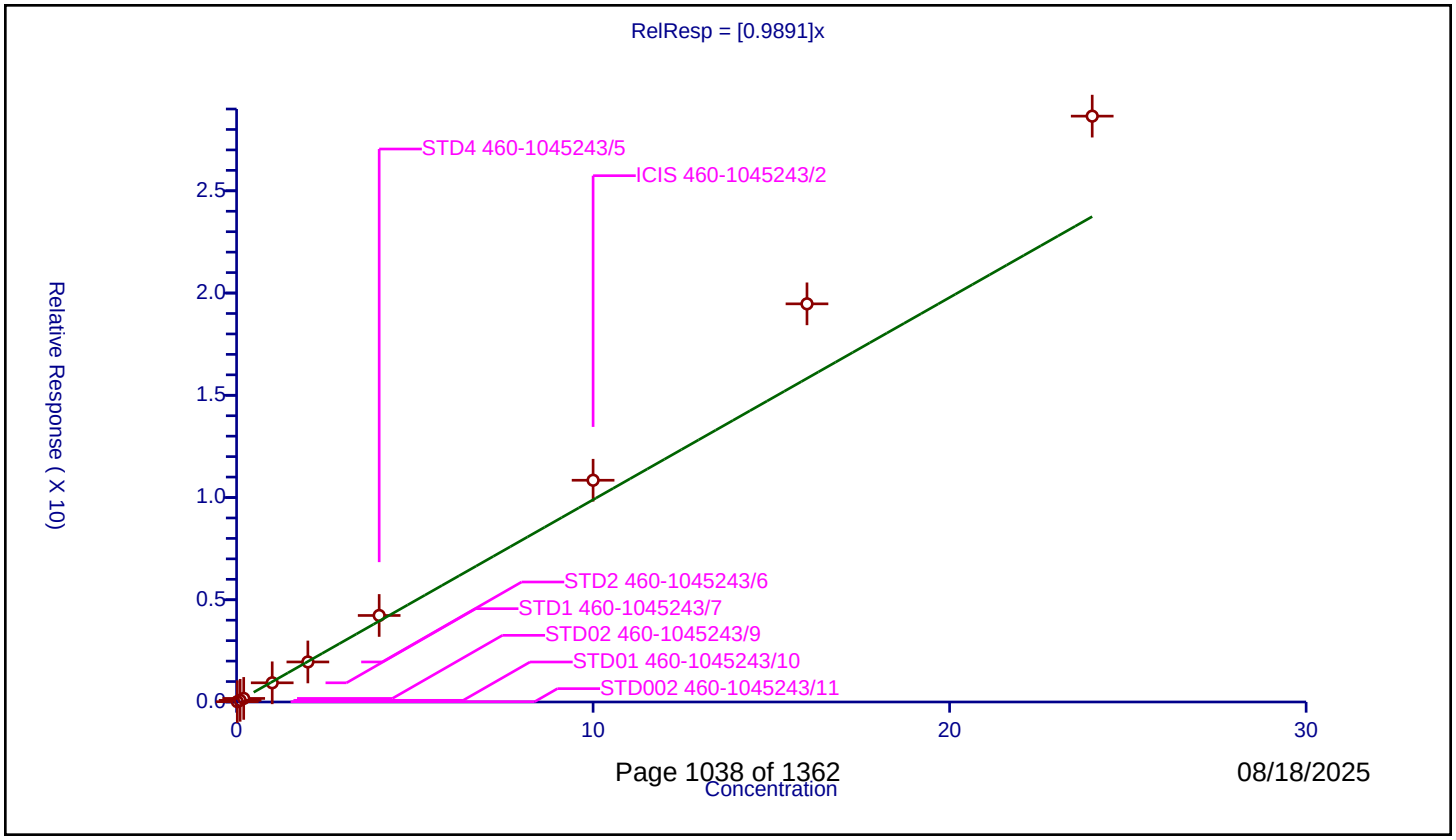
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9891 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.014964 | 8.0 | 511618.0 | 0.748214 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.081272 | 8.0 | 516288.0 | 0.812725 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.174023 | 8.0 | 541171.0 | 0.870113 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.938583 | 8.0 | 560061.0 | 0.938583 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 1.95859 | 8.0 | 570974.0 | 0.979295 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 4.231226 | 8.0 | 557983.0 | 1.057806 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 10.844639 | 8.0 | 479895.0 | 1.084464 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 19.472388 | 8.0 | 493302.0 | 1.217024 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 28.652332 | 8.0 | 460949.0 | 1.193847 | Y |



## Calibration / Benzo[g,h,i]perylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

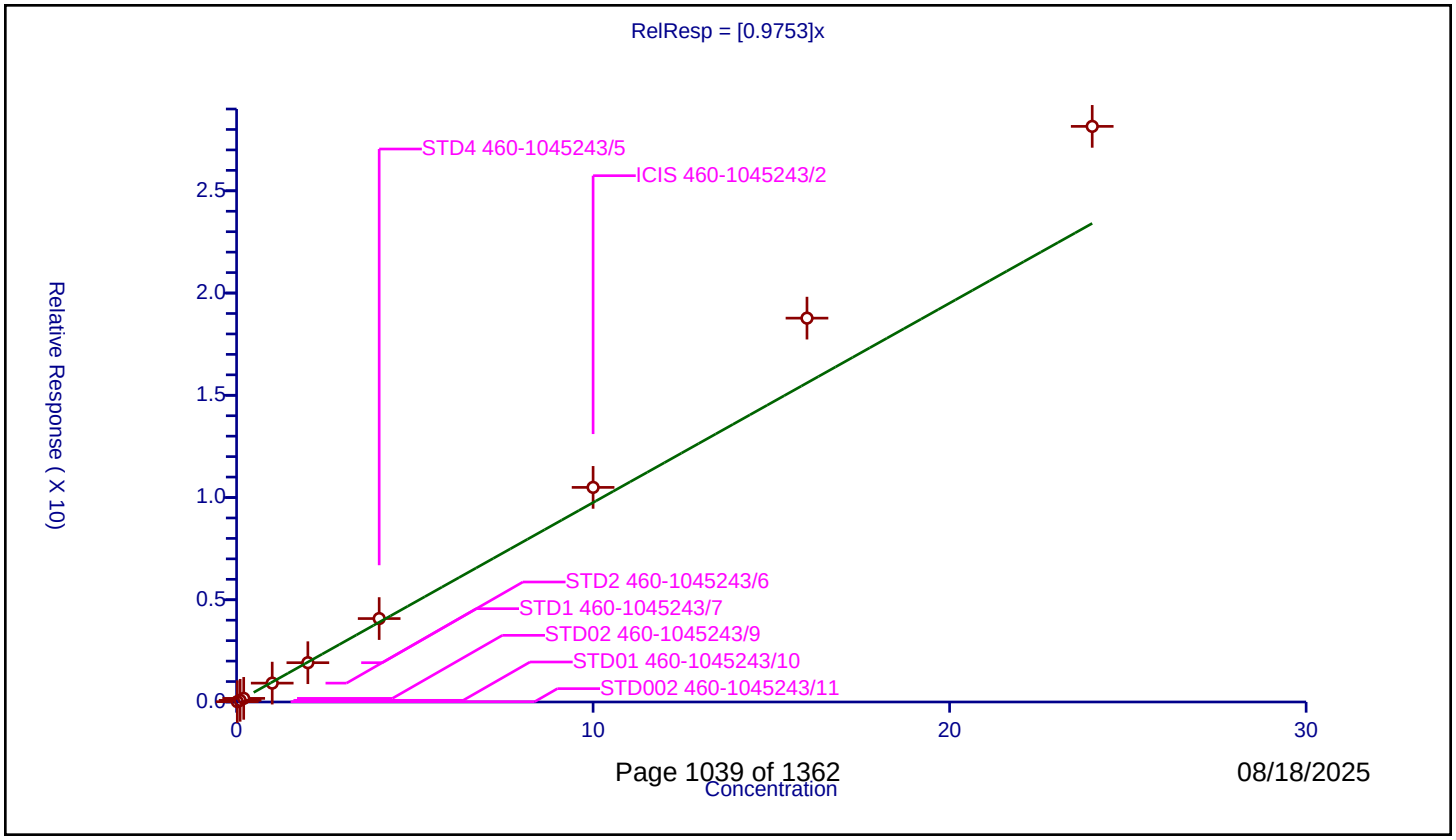
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9753 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1045243/11 | 0.02 | 0.01559 | 8.0 | 511618.0 | 0.779488 | Y |
| 2 | STD01 460-1045243/10 | 0.1 | 0.081474 | 8.0 | 516288.0 | 0.814739 | Y |
| 3 | STD02 460-1045243/9 | 0.2 | 0.176698 | 8.0 | 541171.0 | 0.883492 | Y |
| 4 | STD1 460-1045243/7 | 1.0 | 0.923157 | 8.0 | 560061.0 | 0.923157 | Y |
| 5 | STD2 460-1045243/6 | 2.0 | 1.922077 | 8.0 | 570974.0 | 0.961039 | Y |
| 6 | STD4 460-1045243/5 | 4.0 | 4.079493 | 8.0 | 557983.0 | 1.019873 | Y |
| 7 | ICIS 460-1045243/2 | 10.0 | 10.495196 | 8.0 | 479895.0 | 1.04952 | Y |
| 8 | STD16 460-1045243/4 | 16.0 | 18.773311 | 8.0 | 493302.0 | 1.173332 | Y |
| 9 | STD24 460-1045243/3 | 24.0 | 28.151054 | 8.0 | 460949.0 | 1.172961 | Y |



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

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 Calibration End Date: 08/11/2025 11:34 Calibration ID: 102043

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD002 460-1054842/11 | P94226.D |
| Level 2 | STD01 460-1054842/10 | P94225.D |
| Level 3 | STD02 460-1054842/9 | P94224.D |
| Level 4 | STD04 460-1054842/8 | P94223.D |
| Level 5 | STD1 460-1054842/7 | P94222.D |
| Level 6 | STD2 460-1054842/6 | P94221.D |
| Level 7 | STD4 460-1054842/5 | P94220.D |
| Level 8 | ICIS 460-1054842/2 | P94217.D |
| Level 9 | STD16 460-1054842/4 | P94219.D |
| Level 10 | STD24 460-1054842/3 | P94218.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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,4-Dioxane | 1.3328 0.6056 | 0.7199 0.5728 | 0.5664 0.6163 | 0.6226 | 0.5826 0.6005 | Qua1 | 0.0119 | 0.6004 | 0.0003261 | | | | | | 0.9990 | | 0.9900 |
| N-Nitrosodimethylamine | 0.9422 | 0.9313 | 0.8404 1.0151 | 1.0289 | 0.9061 0.9949 | Ave | | 0.9513 | | | 0.0100 | 7.0 | | 20.0 | | | |
| Pyridine | 1.0563 1.5840 | 1.3488 1.5897 | 1.3279 1.7091 | 1.7450 | 1.4889 1.7388 | Ave | | 1.5098 | | | 0.0100 | 15.3 | | 20.0 | | | |
| Benzaldehyde | 1.3376 | 1.3177 | 1.4255 +++++ | 1.3407 +++++ | 1.3134 +++++ | Ave | | 1.3470 | | | 0.0100 | 3.4 | | 20.0 | | | |
| Phenol | 1.7597 | 1.7116 | 1.8731 1.9381 | 1.9340 | 1.7800 1.9030 | Ave | | 1.8428 | | | 0.8000 | 5.0 | | 20.0 | | | |
| Aniline | 2.8459 2.3044 | 2.2610 2.3149 | 1.9692 2.4370 | 2.4779 | 2.3241 2.4414 | Ave | | 2.3751 | | | 0.0100 | 9.8 | | 20.0 | | | |
| Bis(2-chloroethyl)ether | 1.9868 1.3966 | 1.4022 1.3963 | 1.3957 1.4779 | 1.5146 | 1.3845 1.4798 | Ave | | 1.4927 | | | 0.7000 | 12.8 | | 20.0 | | | |
| 2-Chlorophenol | 1.3951 | 1.3903 | 1.4432 1.4476 | 1.5173 | 1.3491 1.4854 | Ave | | 1.4326 | | | 0.8000 | 4.1 | | 20.0 | | | |
| n-Decane | 1.6416 | 1.6002 | 1.5664 1.7283 | 1.7090 | 1.5869 1.7005 | Ave | | 1.6475 | | | 0.0100 | 4.0 | | 20.0 | | | |
| 1,3-Dichlorobenzene | 1.5767 1.5475 | 1.4878 | 1.4845 1.5155 | 1.5895 | 1.5058 1.5520 | Ave | | 1.5324 | | | 0.0100 | 2.6 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 1.8713 1.5273 | 1.5070 | 1.4458 1.5483 | 1.6128 | 1.5549 1.5874 | Ave | | 1.5819 | | | 0.0100 | 8.1 | | 20.0 | | | |
| Benzyl alcohol | 0.8428 | 0.8174 | 0.5753 0.9554 | 0.9271 | 0.8283 0.9406 | Ave | | 0.8410 | | | 0.0100 | 15.5 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 Calibration End Date: 08/11/2025 11:34 Calibration ID: 102043

| 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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichlorobenzene | 2.1192 1.4458 | 1.4190 | 1.4001 1.4460 | 1.5357 | 1.3958 1.4880 | Ave | | 1.5312 | | | 0.0100 | 15.8 | | 20.0 | | | |
| 2-Methylphenol | 1.2961 | 1.2963 | 1.3044 1.3615 | 1.3936 | 1.2700 1.3479 | Ave | | 1.3243 | | | 0.7000 | 3.3 | | 20.0 | | | |
| 2,2'-oxybis[1-chloropropane] | 1.9312 | 1.9933 | 1.9553 2.0704 | 2.1152 | 1.9249 2.0778 | Ave | | 2.0097 | | | 0.0100 | 3.9 | | 20.0 | | | |
| N-Methylaniline | 2.4073 2.3180 | 2.3146 2.3349 | 2.0048 2.4404 | 2.4756 | 2.2866 2.4708 | Ave | | 2.3392 | | | 0.0100 | 6.2 | | 20.0 | | | |
| 3 & 4 Methylphenol | 1.4639 | 1.4781 | 1.3724 1.5701 | 1.6294 | 1.4269 1.5674 | Ave | | 1.5012 | | | 0.0100 | 6.1 | | 20.0 | | | |
| 4-Methylphenol | 1.4639 | 1.4615 | 1.3724 1.5675 | 1.5907 | 1.4269 1.5499 | Ave | | 1.4904 | | | 0.6000 | 5.4 | | 20.0 | | | |
| N-Nitrosodi-n-propylamine | 0.9979 1.1504 | 1.0218 1.1476 | 1.0512 1.1776 | 1.2286 | 1.0972 1.1802 | Ave | | 1.1169 | | | 0.5000 | 7.1 | | 20.0 | | | |
| Acetophenone | 2.1285 | 2.0995 | 2.0374 2.2015 | 2.2604 | 2.1393 2.2073 | Ave | | 2.1534 | | | 0.0100 | 3.5 | | 20.0 | | | |
| Hexachloroethane | 0.6969 0.5603 | 0.6040 0.5883 | 0.5115 0.6081 | 0.6259 | 0.5777 0.6084 | Ave | | 0.5979 | | | 0.3000 | 8.4 | | 20.0 | | | |
| Nitrobenzene | 0.8734 0.7072 | 0.6859 0.7219 | 0.7425 0.7280 | 0.7549 | 0.6917 0.7381 | Ave | | 0.7382 | | | 0.2000 | 7.5 | | 20.0 | | | |
| n,n'-Dimethylaniline | 2.1776 2.3059 | 2.0754 2.2762 | 2.2750 2.4111 | 2.4532 | 2.2917 2.4927 | Ave | | 2.3065 | | | 0.0100 | 5.7 | | 20.0 | | | |
| Isophorone | 0.7001 0.6998 | 0.7325 | 0.6605 0.7441 | 0.7816 | 0.7137 0.7451 | Ave | | 0.7222 | | | 0.4000 | 5.1 | | 20.0 | | | |
| 2-Nitrophenol | 0.1821 | 0.1903 | 0.1714 0.1903 | 0.2048 | 0.1766 0.1932 | Ave | | 0.1870 | | | 0.1000 | 6.0 | | 20.0 | | | |
| 2,4-Dimethylphenol | 0.2884 | 0.2979 | 0.2645 0.3179 | 0.3359 | 0.2954 0.3146 | Ave | | 0.3021 | | | 0.2000 | 7.7 | | 20.0 | | | |
| Benzoic acid | 0.1406 | 0.1614 | 0.2108 | 0.2303 | 0.1015 0.2256 | Lin2 | -0.132 | 0.2214 | | | 0.0100 | | | | 0.9900 | | 0.9900 |
| Bis(2-chloroethoxy)methane | 0.4236 | 0.4291 | 0.4326 0.4356 | 0.4563 | 0.4350 0.4398 | Ave | | 0.4360 | | | 0.3000 | 2.4 | | 20.0 | | | |
| 2,4-Dichlorophenol | 0.2522 | 0.2627 | 0.2110 0.2651 | 0.2836 | 0.2443 0.2690 | Ave | | 0.2554 | | | 0.2000 | 9.1 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 0.2951 0.2778 | 0.2663 0.2736 | 0.2668 0.2747 | 0.2903 | 0.2883 0.2790 | Ave | | 0.2791 | | | 0.0100 | 3.7 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 Calibration End Date: 08/11/2025 11:34 Calibration ID: 102043

| 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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Naphthalene | 1.2813 1.0126 | 0.9874 1.0493 | 1.0392 1.0646 | 1.1278 | 1.0613 1.0997 | Ave | | 1.0804 | | | 0.7000 | 8.0 | | 20.0 | | | |
| 4-Chloroaniline | 0.4312 0.4101 | 0.3486 0.4304 | 0.3879 0.4374 | 0.4617 | 0.4158 0.4457 | Ave | | 0.4188 | | | 0.0100 | 8.1 | | 20.0 | | | |
| 2,6-Dichlorophenol | 0.2361 | 0.2360 | 0.2602 0.2615 | 0.2638 | 0.2527 0.2663 | Ave | | 0.2538 | | | | 5.0 | | 20.0 | | | |
| Hexachlorobutadiene | 0.1578 0.1386 | 0.1396 0.1428 | 0.1303 0.1429 | 0.1525 | 0.1393 0.1472 | Ave | | 0.1435 | | | 0.0100 | 5.7 | | 20.0 | | | |
| Caprolactam | 0.1488 | 0.1477 | 0.1339 0.1543 | 0.1249 0.1607 | 0.1325 0.1805 | Ave | | 0.1479 | | | 0.0100 | 12.1 | | 20.0 | | | |
| 4-Chloro-3-methylphenol | 0.2770 | 0.2904 | 0.2228 0.2982 | 0.3026 | 0.2631 0.2975 | Ave | | 0.2788 | | | 0.2000 | 10.2 | | 20.0 | | | |
| 2-Methylnaphthalene | 0.7232 0.5940 | 0.6100 | 0.6714 0.6144 | 0.6568 | 0.5978 0.6193 | Ave | | 0.6359 | | | 0.4000 | 7.0 | | 20.0 | | | |
| 1-Methylnaphthalene | 0.7125 0.6198 | 0.6356 | 0.6500 0.6310 | 0.6747 | 0.6255 0.6394 | Ave | | 0.6486 | | | 0.0100 | 4.8 | | 20.0 | | | |
| Hexachlorocyclopentadiene | 0.3948 | 0.4106 | 0.3950 0.4286 | 0.4624 | 0.4178 0.4517 | Ave | | 0.4230 | | | 0.0500 | 6.2 | | 20.0 | | | |
| 1,2,4,5-Tetrachlorobenzene | 0.5008 | 0.5025 | 0.5155 0.5256 | 0.5862 | 0.5136 0.5468 | Ave | | 0.5273 | | | 0.0100 | 5.7 | | 20.0 | | | |
| 2-tertbutyl-4-methylphenol | 0.3349 0.4120 | 0.4136 | 0.3889 0.4289 | 0.4427 | 0.3898 0.4346 | Ave | | 0.4057 | | | 0.0100 | 8.5 | | 20.0 | | | |
| 2,4,6-Trichlorophenol | 0.1531 0.3493 | 0.3569 | 0.2971 0.3655 | 0.3951 | 0.3613 0.3823 | Lin2 | -0.004 | 0.3631 | | | 0.2000 | | | | 0.9960 | | 0.9900 |
| 2,4,5-Trichlorophenol | 0.3869 | 0.3681 | 0.3305 0.4009 | 0.4209 | 0.3717 0.4022 | Ave | | 0.3830 | | | 0.2000 | 7.7 | | 20.0 | | | |
| 1,1'-Biphenyl | 1.6691 1.6122 | 1.5729 1.6004 | 1.6223 1.6605 | 1.8215 | 1.6292 1.7544 | Ave | | 1.6603 | | | 0.0100 | 4.8 | | 20.0 | | | |
| 2-Chloronaphthalene | 1.1881 | 1.1814 | 1.2244 1.2192 | 1.3198 | 1.2229 1.2631 | Ave | | 1.2313 | | | 0.8000 | 3.8 | | 20.0 | | | |
| Phenyl ether | 0.8373 | 0.7986 | 0.8058 0.8488 | 0.8943 | 0.7920 0.8871 | Ave | | 0.8377 | | | 0.0100 | 5.0 | | 20.0 | | | |
| 2-Nitroaniline | 0.5361 | 0.5243 | 0.4790 0.5565 | 0.5735 | 0.5222 0.5637 | Ave | | 0.5365 | | | 0.0100 | 6.0 | | 20.0 | | | |
| 1,3-Dimethylnaphthalene | 0.8807 | 0.8598 | 0.8901 0.8811 | 0.9378 | 0.8802 0.9543 | Ave | | 0.8977 | | | 0.0100 | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 Calibration End Date: 08/11/2025 11:34 Calibration ID: 102043

| 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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| Dimethyl phthalate | 1.3126 | 1.3263 | 1.3415 1.3233 | 1.4153 | 1.3389 1.3463 | Ave | | 1.3435 | | | 0.0100 | 2.5 | | 20.0 | | | |
| Coumarin | 0.2137 | 0.2171 | 0.2124 0.2181 | 0.2204 | 0.2118 0.2176 | Ave | | 0.2159 | | | 0.0100 | 1.5 | | 20.0 | | | |
| 2,6-Dinitrotoluene | 0.2827 0.3006 | 0.2964 | 0.2714 0.2954 | 0.3175 | 0.3063 0.3076 | Ave | | 0.2972 | | | 0.2000 | 4.9 | | 20.0 | | | |
| Acenaphthylene | 1.9686 | 2.0217 | 2.0177 2.0356 | 2.2033 | 1.9629 2.1325 | Ave | | 2.0489 | | | 0.9000 | 4.3 | | 20.0 | | | |
| 3-Nitroaniline | 0.3368 | 0.3514 | 0.2730 0.3528 | 0.3775 | 0.3456 0.3548 | Ave | | 0.3417 | | | 0.0100 | 9.6 | | 20.0 | | | |
| 3,5-di-tert-butyl-4-hydroxytol | 0.9531 | 0.9665 | 0.9248 1.0055 | 1.0773 | 0.9266 1.0637 | Ave | | 0.9882 | | | 0.0100 | 6.3 | | 20.0 | | | |
| Acenaphthene | 1.1384 | 1.1431 | 1.1101 1.1973 | 1.2829 | 1.1856 1.2390 | Ave | | 1.1852 | | | 0.9000 | 5.1 | | 20.0 | | | |
| 2,4-Dinitrophenol | 0.1566 | 0.0327 0.1789 | 0.0696 0.1941 | 0.0940 0.2155 | 0.1361 0.2063 | Qua1 | -0.0455 | 0.1834 | 0.0006187 | | | | | | 0.9970 | | 0.9900 |
| 4-Nitrophenol | 0.2781 | 0.3022 | 0.2096 0.3090 | 0.3238 | 0.2581 0.3186 | Ave | | 0.2856 | | | 0.0100 | 14.3 | | 20.0 | | | |
| 2,4-Dinitrotoluene | 0.2834 0.4052 | 0.4053 | 0.3213 0.4035 | 0.4274 | 0.4009 0.4129 | Ave | | 0.3825 | | | 0.2000 | 13.4 | | 20.0 | | | |
| Dibenzofuran | 1.6551 | 1.6581 | 1.7112 1.6891 | 1.8123 | 1.6830 1.7390 | Ave | | 1.7068 | | | 0.8000 | 3.2 | | 20.0 | | | |
| 2,3,4,6-Tetrachlorophenol | 0.2757 | 0.2870 | 0.2613 0.2922 | 0.3178 | 0.2807 0.3008 | Ave | | 0.2879 | | | 0.0100 | 6.3 | | 20.0 | | | |
| Diethyl phthalate | 1.3912 | 1.4293 | 1.3310 1.3685 | 1.4777 | 1.3946 1.3997 | Ave | | 1.3989 | | | 0.0100 | 3.3 | | 20.0 | | | |
| n-Octadecane | 0.6138 | 0.6236 | 0.5581 0.6776 | 0.7217 | 0.6072 0.7185 | Ave | | 0.6458 | | | 0.0100 | 9.5 | | 20.0 | | | |
| Fluorene | 1.3573 | 1.3650 | 1.3607 1.3737 | 1.4833 | 1.3897 1.4303 | Ave | | 1.3943 | | | 0.9000 | 3.3 | | 20.0 | | | |
| 4-Chlorophenyl phenyl ether | 0.5808 | 0.5770 | 0.6062 0.5678 | 0.6107 | 0.5779 0.5973 | Ave | | 0.5882 | | | 0.4000 | 2.8 | | 20.0 | | | |
| 4-Nitroaniline | 0.3170 | 0.3359 | 0.2524 0.3402 | 0.3634 | 0.3185 0.3443 | Ave | | 0.3245 | | | 0.0100 | 11.0 | | 20.0 | | | |
| 4,6-Dinitro-2-methylphenol | 0.1340 | 0.1414 | 0.0834 0.1439 | 0.1539 | 0.1219 0.1499 | Ave | | 0.1326 | | | 0.0100 | 18.2 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 Calibration End Date: 08/11/2025 11:34 Calibration ID: 102043

| 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 9 | LVL 5 LVL 10 | | B | M1 | M2 | | | | | | | | |
| N-Nitrosodiphenylamine | 0.5715 | 0.5702 | 0.5379 0.5862 | 0.6322 | 0.5685 0.6143 | Ave | | 0.5829 | | | 0.0100 | 5.4 | | 20.0 | | | |
| 1,2-Diphenylhydrazine | 0.8634 0.9701 | 0.8282 0.9690 | 0.8575 1.0256 | 1.0914 | 0.9548 1.0680 | Ave | | 0.9587 | | | 0.0100 | 9.8 | | 20.0 | | | |
| Azobenzene | 0.9701 | 0.9721 | 0.8575 1.0256 | 1.0918 | 0.9548 1.0683 | Ave | | 0.9915 | | | | 7.9 | | 20.0 | | | |
| 4-Bromophenyl phenyl ether | 0.1925 | 0.1950 | 0.1845 0.1997 | 0.2122 | 0.2068 0.2095 | Ave | | 0.2000 | | | 0.1000 | 5.0 | | 20.0 | | | |
| Hexachlorobenzene | 0.1467 0.2186 | 0.2257 0.2162 | 0.2197 0.2183 | 0.2382 | 0.2192 0.2309 | Ave | | 0.2148 | | | 0.1000 | 12.3 | | 20.0 | | | |
| Atrazine | 0.1853 0.1913 | 0.1953 | 0.1636 0.2002 | 0.1692 0.2204 | 0.1878 0.2061 | Ave | | 0.1910 | | | 0.0100 | 9.2 | | 20.0 | | | |
| Pentachlorophenol | 0.1448 | 0.1496 | 0.1031 0.1496 | 0.1670 | 0.1393 0.1590 | Ave | | 0.1446 | | | 0.0500 | 14.2 | | 20.0 | | | |
| Pentachloronitrobenzene | 0.0675 | 0.0662 | 0.0473 0.0640 | 0.0695 | 0.0675 0.0726 | Ave | | 0.0649 | | | 0.0100 | 12.7 | | 20.0 | | | |
| Phenanthrene | 1.0669 | 1.0810 | 1.1218 1.0817 | 1.1666 | 1.0857 1.1457 | Ave | | 1.1071 | | | 0.7000 | 3.4 | | 20.0 | | | |
| Anthracene | 1.0972 | 1.1008 | 1.1367 1.1272 | 1.2113 | 1.1118 1.1725 | Ave | | 1.1368 | | | 0.7000 | 3.7 | | 20.0 | | | |
| Carbazole | 0.9832 | 0.9969 | 0.9554 1.0060 | 1.0709 | 0.9721 1.0369 | Ave | | 1.0031 | | | 0.0100 | 3.9 | | 20.0 | | | |
| Di-n-butyl phthalate | 1.1173 | 1.1741 | 0.9736 1.2219 | 1.3184 | 1.0708 1.2777 | Ave | | 1.1648 | | | 0.0100 | 10.4 | | 20.0 | | | |
| Fluoranthene | 0.9977 | 0.9936 | 0.9697 1.0051 | 1.0778 | 0.9562 1.0376 | Ave | | 1.0054 | | | 0.6000 | 4.1 | | 20.0 | | | |
| Benzidine | 0.5893 | 0.5842 | 0.1035 0.4725 | 0.4220 0.6257 | 0.5356 0.6420 | Qua1 | -0.049 | 0.5172 | 0.0052341 | | | | | | 0.9930 | | 0.9900 |
| Pyrene | 1.7258 1.7074 | 1.6807 | 1.5954 1.7541 | 1.9101 | 1.6505 1.8135 | Ave | | 1.7297 | | | 0.6000 | 5.7 | | 20.0 | | | |
| Bisphenol-A | 0.3057 | 0.3615 | 0.6528 | 0.5585 | 0.1212 0.6364 | Lin1 | -0.627 | 0.6434 | | | | | | | 0.9900 | | 0.9900 |
| Butyl benzyl phthalate | 0.6772 | 0.6958 | 0.5098 0.7495 | 0.8500 | 0.6276 0.8023 | Ave | | 0.7017 | | | 0.0100 | 16.2 | | 20.0 | | | |
| 2,3,7,8-TCDD | | | 0.1878 | | | Ave | | 0.1878 | | | 0.0100 | | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-332739-1 Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 Calibration End Date: 08/11/2025 11:34 Calibration ID: 102043

| 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<br>LVL 9 | LVL 5<br>LVL 10 | | B | M1 | M2 | | | | | | | | |
| Carbamazepine | 0.3813 | 0.4438 | 0.2658<br>0.5027 | 0.6046 | 0.3039<br>0.5945 | Qua1 | -0.064 | 0.4485 | 0.0069833 | | | | | | 0.9960 | | 0.9900 |
| 3,3'-Dichlorobenzidine | 0.4214<br>0.4843 | 0.4910 | 0.3039<br>0.5079 | 0.5785 | 0.4147<br>0.5446 | Ave | | 0.4683 | | | 0.0100 | 18.5 | | 20.0 | | | |
| Benzo[a]anthracene | 2.7134<br>1.3229 | 1.4012<br>1.3317 | 1.4180<br>1.3571 | 1.4919 | 1.2848<br>1.4029 | Lin2 | 0.0269 | 1.3248 | | | 0.8000 | | | | 0.9940 | | 0.9900 |
| Chrysene | 1.2902<br>1.2529 | 1.2213 | 1.1728<br>1.2534 | 1.3672 | 1.2375<br>1.2726 | Ave | | 1.2585 | | | 0.7000 | 4.5 | | 20.0 | | | |
| Bis(2-ethylhexyl) phthalate | 0.7871<br>0.9739 | 1.0266 | 0.7081<br>1.1209 | 1.2729 | 0.8587<br>1.2014 | Qua1 | -0.015 | 1.0421 | 0.0083658 | | | | | | 0.9970 | | 0.9900 |
| Di-n-octyl phthalate | 1.3825 | 1.5563 | 0.9309<br>1.8116 | 1.9555 | 1.1955<br>1.9143 | Qua1 | -0.231 | 1.6579 | 0.0131266 | | | | | | 0.9980 | | 0.9900 |
| Benzo[b]fluoranthene | 1.0903<br>1.2192 | 0.9836<br>1.1962 | 1.0610<br>1.2618 | 1.3324 | 1.1711<br>1.2664 | Ave | | 1.1758 | | | 0.7000 | 9.5 | | 20.0 | | | |
| Benzo[k]fluoranthene | 1.1054<br>1.2501 | 1.0477<br>1.2719 | 1.1586<br>1.2962 | 1.4011 | 1.2835<br>1.2768 | Ave | | 1.2324 | | | 0.7000 | 8.8 | | 20.0 | | | |
| Benzo[a]pyrene | 0.9502<br>1.0706 | 0.9101<br>1.1259 | 0.9408<br>1.1698 | 1.2440 | 1.0990<br>1.2125 | Ave | | 1.0803 | | | 0.7000 | 11.3 | | 20.0 | | | |
| Indeno[1,2,3-cd]pyrene | 0.7721<br>1.0157 | 0.8291<br>1.0488 | 0.8727<br>1.1096 | 1.1971 | 0.9556<br>1.1720 | Ave | | 0.9970 | | | 0.5000 | 15.1 | | 20.0 | | | |
| Dibenz(a,h)anthracene | 0.8808<br>1.0030 | 0.7858<br>1.0526 | 0.9286<br>1.1057 | 1.1870 | 0.9518<br>1.1581 | Ave | | 1.0059 | | | 0.4000 | 13.2 | | 20.0 | | | |
| Benzo[g,h,i]perylene | 0.7400<br>0.9809 | 0.9275<br>1.0138 | 0.9128<br>1.0554 | 1.1425 | 0.9842<br>1.1074 | Ave | | 0.9850 | | | 0.5000 | 12.1 | | 20.0 | | | |
| 2-Fluorophenol (Surr) | 1.4789<br>1.5576 | 1.5619<br>1.5027 | 1.5200<br>1.4425 | 1.5523<br>1.4458 | 1.5781<br>1.6369 | Ave | | 1.5277 | | | 0.0100 | 4.0 | | 20.0 | | | |
| Phenol-d5 (Surr) | 1.8863<br>2.0254 | 2.0111<br>1.9324 | 1.9721<br>1.8388 | 2.0059<br>1.8279 | 1.9889<br>2.1266 | Ave | | 1.9615 | | | 0.0100 | 4.7 | | 20.0 | | | |
| Nitrobenzene-d5 (Surr) | 0.4383<br>0.4595 | 0.4647<br>0.4534 | 0.4677<br>0.4347 | 0.4679<br>0.4286 | 0.4757<br>0.4880 | Ave | | 0.4579 | | | 0.0100 | 4.2 | | 20.0 | | | |
| 2-Fluorobiphenyl | 1.5239<br>1.5912 | 1.6166<br>1.5409 | 1.5735<br>1.4403 | 1.5985<br>1.4915 | 1.6055<br>1.6862 | Ave | | 1.5668 | | | 0.0100 | 4.5 | | 20.0 | | | |
| 2,4,6-Tribromophenol (Surr) | 0.2117<br>0.2238 | 0.2300<br>0.2154 | 0.2215<br>0.1898 | 0.2269<br>0.2004 | 0.2307<br>0.2253 | Ave | | 0.2175 | | | 0.0100 | 6.2 | | 20.0 | | | |
| Terphenyl-d14 (Surr) | 1.3670<br>1.4619 | 1.4759<br>1.3635 | 1.4168<br>1.2564 | 1.4380<br>1.3283 | 1.4533<br>1.5100 | Ave | | 1.4071 | | | 0.0100 | 5.5 | | 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 SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 | Calibration End Date: 08/11/2025 11:34 | Calibration ID: 102043

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD002 460-1054842/11 | P94226.D |
| Level 2 | STD01 460-1054842/10 | P94225.D |
| Level 3 | STD02 460-1054842/9 | P94224.D |
| Level 4 | STD04 460-1054842/8 | P94223.D |
| Level 5 | STD1 460-1054842/7 | P94222.D |
| Level 6 | STD2 460-1054842/6 | P94221.D |
| Level 7 | STD4 460-1054842/5 | P94220.D |
| Level 8 | ICIS 460-1054842/2 | P94217.D |
| Level 9 | STD16 460-1054842/4 | P94219.D |
| Level 10 | STD24 460-1054842/3 | P94218.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| 1,4-Dioxane | DCBd4 | Qua1 | 1027<br>47571 | 2901<br>87000 | 4528<br>232770 | <br>366799 | 22437<br>505229 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| N-Nitrosodimethylamine | DCBd4 | Ave | <br>74008 | <br>141442 | 6719<br>383383 | <br>606178 | 34892<br>837106 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| Pyridine | DCBd4 | Ave | 1628<br>248859 | 10871<br>482885 | 21232<br>1291013 | <br>2056219 | 114675<br>2926013 | 0.0400<br>4.00 | 0.200<br>8.00 | 0.400<br>20.0 | <br>32.0 | 2.00<br>48.0 |
| Benzaldehyde | DCBd4 | Ave | <br>105074 | <br>160107 | 11396<br>+++++ | 20925<br>+++++ | 50577<br>+++++ | <br>2.00 | <br>3.20 | 0.200<br>+++++ | 0.400<br>+++++ | 1.00<br>+++++ |
| Phenol | DCBd4 | Ave | <br>138225 | <br>259964 | 14975<br>732000 | <br>1139452 | 68548<br>1601139 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| Aniline | DCBd4 | Ave | 2193<br>181015 | 9112<br>351589 | 15743<br>920439 | <br>1459911 | 89500<br>2054168 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| Bis(2-chloroethyl)ether | DCBd4 | Ave | 1531<br>109703 | 5651<br>212071 | 11158<br>558192 | <br>892335 | 53317<br>1245072 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 2-Chlorophenol | DCBd4 | Ave | <br>109587 | <br>211162 | 11538<br>546735 | <br>893931 | 51952<br>1249816 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| n-Decane | DCBd4 | Ave | <br>128950 | <br>243038 | 12523<br>652749 | <br>1006866 | 61109<br>1430813 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | 1215<br>121559 | <br>225973 | 11868<br>572385 | <br>936510 | 57988<br>1305862 | 0.0200<br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | 1442<br>119974 | <br>228883 | 11559<br>584774 | <br>950184 | 59879<br>1335612 | 0.0200<br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| Benzyl alcohol | DCBd4 | Ave | <br>66204 | <br>124151 | 4599<br>360837 | <br>546234 | 31899<br>791420 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | 1633<br>113573 | <br>215525 | 11193<br>546150 | <br>904807 | 53752<br>1251946 | 0.0200<br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |
| 2-Methylphenol | DCBd4 | Ave | <br>101808 | <br>196892 | 10428<br>514221 | <br>821062 | 48908<br>1134097 | <br>2.00 | <br>4.00 | 0.200<br>10.0 | <br>16.0 | 1.00<br>24.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 | Calibration End Date: 08/11/2025 11:34 | Calibration ID: 102043

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| 2,2'-oxybis[1-chloropropane] | DCBd4 | Ave | | | 15632 | | 74128 | | | 0.200 | | 1.00 |
| | | | 151697 | 302743 | 781978 | 1246217 | 1748252 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| N-Methylaniline | DCBd4 | Ave | 1855 | 9328 | 16028 | | 88056 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 182084 | 354640 | 921725 | 1458555 | 2078849 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 3 & 4 Methylphenol | DCBd4 | Ave | | | 10972 | | 54948 | | | 0.200 | | 1.00 |
| | | | 114991 | 224506 | 593021 | 959968 | 1318751 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Methylphenol | DCBd4 | Ave | | | 10972 | | 54948 | | | 0.200 | | 1.00 |
| | | | 114991 | 221986 | 592024 | 937167 | 1304045 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| N-Nitrosodi-n-propylamine | DCBd4 | Ave | 769 | 4118 | 8404 | | 42254 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 90363 | 174302 | 444752 | 723839 | 992972 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Acetophenone | DCBd4 | Ave | | | 16288 | | 82382 | | | 0.200 | | 1.00 |
| | | | 167195 | 318878 | 831489 | 1331773 | 1857182 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Hexachloroethane | DCBd4 | Ave | 537 | 2434 | 4089 | | 22245 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 44016 | 89359 | 229662 | 368750 | 511912 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Nitrobenzene | DCBd4 | Ave | 673 | 2764 | 5936 | | 26635 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 55550 | 109649 | 274952 | 444771 | 621051 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| n,n'-Dimethylaniline | DCBd4 | Ave | 1678 | 8364 | 18188 | | 88253 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 181135 | 345717 | 910628 | 1445331 | 2097303 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Isophorone | NPT | Ave | 2218 | | 20821 | | 111052 | 0.0200 | | 0.200 | | 1.00 |
| | | | 225638 | 446713 | 1133695 | 1833576 | 2521286 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2-Nitrophenol | NPT | Ave | | | 5402 | | 27479 | | | 0.200 | | 1.00 |
| | | | 58720 | 116070 | 289870 | 480524 | 653672 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,4-Dimethylphenol | NPT | Ave | | | 8339 | | 45956 | | | 0.200 | | 1.00 |
| | | | 93001 | 181649 | 484403 | 788030 | 1064405 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Benzoic acid | NPT | Lin2 | | | | | 15795 | | | | | 1.00 |
| | | | 45336 | 98421 | 321106 | 540283 | 763240 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Bis(2-chloroethoxy)methane | NPT | Ave | | | 13636 | | 67685 | | | 0.200 | | 1.00 |
| | | | 136602 | 261669 | 663742 | 1070417 | 1488241 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,4-Dichlorophenol | NPT | Ave | | | 6650 | | 38019 | | | 0.200 | | 1.00 |
| | | | 81309 | 160183 | 403888 | 665325 | 910267 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 1,2,4-Trichlorobenzene | NPT | Ave | 935 | 4343 | 8411 | | 44856 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 89576 | 166882 | 418481 | 680951 | 944041 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Naphthalene | NPT | Ave | 4059 | 16104 | 32758 | | 165139 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 326499 | 639923 | 1621957 | 2645564 | 3721358 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Chloroaniline | NPT | Ave | 1366 | 5686 | 12228 | | 64703 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 132224 | 262513 | 666453 | 1082959 | 1508122 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,6-Dichlorophenol | NPT | Ave | | | 8201 | | 39322 | | | 0.200 | | 1.00 |
| | | | 76122 | 143956 | 398389 | 618708 | 901130 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Hexachlorobutadiene | NPT | Ave | 500 | 2276 | 4107 | | 21675 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 44698 | 87073 | 217786 | 357753 | 498190 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Caprolactam | NPT | Ave | | | 4220 | 7872 | 20613 | | | 0.200 | 0.400 | 1.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 | Calibration End Date: 08/11/2025 11:34 | Calibration ID: 102043

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 47968 | 72060 | 94023 | 113055 | 162887 | 2.00 | 3.20 | 4.00 | 4.80 | 6.40 |
| 4-Chloro-3-methylphenol | NPT | Ave | 89307 | 177096 | 7022<br>454359 | 709936 | 40941<br>1006598 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2-Methylnaphthalene | NPT | Ave | 2291<br>191542 | 372008 | 21163<br>936159 | 1540691 | 93012<br>2095759 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 1-Methylnaphthalene | NPT | Ave | 2257<br>199861 | 387650 | 20490<br>961434 | 1582790 | 97324<br>2163628 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Hexachlorocyclopentadiene | ANT | Ave | 61607 | 123309 | 6195<br>312396 | 505621 | 31964<br>704005 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 1,2,4,5-Tetrachlorobenzene | ANT | Ave | 78145 | 150923 | 8085<br>383099 | 640994 | 39299<br>852273 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2-tertbutyl-4-methylphenol | NPT | Ave | 1061<br>132859 | 252218 | 12259<br>653526 | 1038458 | 60648<br>1470531 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2,4,6-Trichlorophenol | ANT | Lin2 | 241<br>54504 | 107199 | 4659<br>266422 | 432052 | 27645<br>595898 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2,4,5-Trichlorophenol | ANT | Ave | 60369 | 110541 | 5184<br>292174 | 460311 | 28442<br>626933 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 1,1'-Biphenyl | ANT | Ave | 2627<br>251546 | 12488<br>480645 | 25444<br>1210301 | 1991802 | 124652<br>2734681 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2-Chloronaphthalene | ANT | Ave | 185381 | 354820 | 19204<br>888633 | 1443259 | 93564<br>1968901 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Phenyl ether | ANT | Ave | 130637 | 239845 | 12639<br>618691 | 977924 | 60597<br>1382771 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2-Nitroaniline | ANT | Ave | 83648 | 157455 | 7512<br>405589 | 627129 | 39954<br>878645 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 1,3-Dimethylnaphthalene | ANT | Ave | 137411 | 258233 | 13961<br>642189 | 1025466 | 67345<br>1487458 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Dimethyl phthalate | ANT | Ave | 204804 | 398328 | 21041<br>964515 | 1547630 | 102437<br>2098517 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Coumarin | NPT | Ave | 68900 | 132398 | 6694<br>332325 | 517006 | 32963<br>736168 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2,6-Dinitrotoluene | ANT | Ave | 445<br>46897 | 89025 | 4257<br>215304 | 347195 | 23433<br>479477 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Acenaphthylene | ANT | Ave | 307156 | 607167 | 31646<br>1483698 | 2409304 | 150186<br>3323965 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 3-Nitroaniline | ANT | Ave | 52555 | 105527 | 4282<br>257155 | 412754 | 26442<br>553080 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 3,5-di-tert-butyl-4-hydroxytol | ANT | Ave | 148710 | 290264 | 14504<br>732903 | 1178041 | 70894<br>1657953 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Acenaphthene | ANT | Ave | 177624 | 343295 | 17411<br>872667 | 1402905 | 90710<br>1931257 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 | Calibration End Date: 08/11/2025 11:34 | Calibration ID: 102043

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| 2,4-Dinitrophenol | ANT | Qua1 | | 519 | 2182 | 5908 | 20819 | | 0.200 | 0.400 | 0.800 | 2.00 |
| | | | 48866 | 107480 | 283020 | 471338 | 642984 | 4.00 | 8.00 | 20.0 | 32.0 | 48.0 |
| 4-Nitrophenol | ANT | Ave | | | 6576 | | 39496 | | | 0.400 | | 2.00 |
| | | | 86772 | 181523 | 450500 | 708117 | 993324 | 4.00 | 8.00 | 20.0 | 32.0 | 48.0 |
| 2,4-Dinitrotoluene | ANT | Ave | 446 | | 5039 | | 30673 | 0.0200 | | 0.200 | | 1.00 |
| | | | 63218 | 121715 | 294115 | 467332 | 643655 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Dibenzofuran | ANT | Ave | | | 26839 | | 128770 | | | 0.200 | | 1.00 |
| | | | 258245 | 497980 | 1231162 | 1981728 | 2710562 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 2,3,4,6-Tetrachlorophenol | ANT | Ave | | | 4098 | | 21474 | | | 0.200 | | 1.00 |
| | | | 43011 | 86189 | 213000 | 347475 | 468868 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Diethyl phthalate | ANT | Ave | | | 20876 | | 106699 | | | 0.200 | | 1.00 |
| | | | 217067 | 429245 | 997489 | 1615903 | 2181754 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| n-Octadecane | PHN | Ave | | | 15062 | | 78638 | | | 0.200 | | 1.00 |
| | | | 159310 | 310986 | 804351 | 1281575 | 1783805 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Fluorene | ANT | Ave | | | 21341 | | 106327 | | | 0.200 | | 1.00 |
| | | | 211773 | 409940 | 1001238 | 1622027 | 2229423 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Chlorophenyl phenyl ether | ANT | Ave | | | 9508 | | 44212 | | | 0.200 | | 1.00 |
| | | | 90624 | 173304 | 413847 | 667781 | 930953 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Nitroaniline | ANT | Ave | | | 3958 | | 24366 | | | 0.200 | | 1.00 |
| | | | 49453 | 100886 | 247939 | 397420 | 536616 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4,6-Dinitro-2-methylphenol | PHN | Ave | | | 4504 | | 31568 | | | 0.400 | | 2.00 |
| | | | 69565 | 140998 | 341564 | 546528 | 744260 | 4.00 | 8.00 | 20.0 | 32.0 | 48.0 |
| N-Nitrosodiphenylamine | PHN | Ave | | | 14518 | | 73621 | | | 0.200 | | 1.00 |
| | | | 148316 | 284329 | 695808 | 1122597 | 1524954 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 1,2-Diphenylhydrazine | PHN | Ave | 2330 | 11498 | 23145 | | 123647 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 251771 | 483226 | 1217452 | 1938106 | 2651431 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Azobenzene | PHN | Ave | | | 23145 | | 123647 | | | 0.200 | | 1.00 |
| | | | 251771 | 484765 | 1217452 | 1938783 | 2652171 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| 4-Bromophenyl phenyl ether | PHN | Ave | | | 4979 | | 26777 | | | 0.200 | | 1.00 |
| | | | 49949 | 97267 | 237069 | 376889 | 520061 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Hexachlorobenzene | PHN | Ave | 396 | 3133 | 5929 | | 28393 | 0.0200 | 0.100 | 0.200 | | 1.00 |
| | | | 56746 | 107802 | 259182 | 422973 | 573220 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Atrazine | PHN | Ave | 500 | | 4416 | 9049 | 24315 | 0.0200 | | 0.200 | 0.400 | 1.00 |
| | | | 49647 | 77909 | 95059 | 117425 | 136426 | 2.00 | 3.20 | 4.00 | 4.80 | 6.40 |
| Pentachlorophenol | PHN | Ave | | | 5563 | | 36080 | | | 0.400 | | 2.00 |
| | | | 75159 | 149237 | 355265 | 593074 | 789600 | 4.00 | 8.00 | 20.0 | 32.0 | 48.0 |
| Pentachloronitrobenzene | PHN | Ave | | | 1276 | | 8738 | | | 0.200 | | 1.00 |
| | | | 17511 | 32991 | 75968 | 123359 | 180279 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Phenanthrene | PHN | Ave | | | 30278 | | 140599 | | | 0.200 | | 1.00 |
| | | | 276901 | 539098 | 1283971 | 2071598 | 2844362 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Anthracene | PHN | Ave | | | 30680 | | 143987 | | | 0.200 | | 1.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 | Calibration End Date: 08/11/2025 11:34 | Calibration ID: 102043

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5<br>LVL 10 |
| | | | 284752 | 548962 | 1338023 | 2150966 | 2910885 | 2.00 | 4.00 | 10.0 | 16.0 | 24.0 |
| Carbazole | PHN | Ave | 255173 | 497138 | 25787<br>1194186 | 1901593 | 125896<br>2574334 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Di-n-butyl phthalate | PHN | Ave | 289985 | 585490 | 26279<br>1450439 | 2341250 | 138673<br>3172061 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Fluoranthene | PHN | Ave | 258939 | 495494 | 26172<br>1193035 | 1913940 | 123835<br>2576042 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Benzidine | PHN | Qua1 | 152937 | 291313 | 2794<br>560833 | 22570<br>1111171 | 69360<br>1593845 | 2.00 | 4.00 | 0.200<br>10.0 | 0.400<br>16.0 | 1.00<br>24.0 |
| Pyrene | CRY | Ave | 2789<br>264362 | 515793 | 26489<br>1218945 | 1934486 | 131358<br>2604315 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Bisphenol-A | CRY | Lin1 | 47338 | 110930 | 453625 | 565645 | 9643<br>913904 | 2.00 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 |
| Butyl benzyl phthalate | CRY | Ave | 104845 | 213529 | 8465<br>520880 | 860840 | 49951<br>1152189 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 2,3,7,8-TCDD | CRY | Ave | | | 1305 | | | | | 0.100 | | |
| Carbamazepine | CRY | Qua1 | 59030 | 136206 | 4413<br>349355 | 612327 | 24185<br>853758 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| 3,3'-Dichlorobenzidine | CRY | Ave | 681<br>74988 | 150693 | 5046<br>352924 | 585903 | 33005<br>782067 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Benzo[a]anthracene | CRY | Lin2 | 4385<br>204828 | 11598<br>408682 | 23544<br>943056 | 1510950 | 102256<br>2014644 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Chrysene | CRY | Ave | 2085<br>193986 | 374795 | 19472<br>871030 | 1384685 | 98486<br>1827629 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Bis(2-ethylhexyl) phthalate | CRY | Qua1 | 1272<br>150798 | 315049 | 11757<br>778909 | 1289199 | 68345<br>1725309 | 0.0200<br>2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Di-n-octyl phthalate | PRY | Qua1 | 204808 | 451697 | 14519<br>1159441 | 1936720 | 89328<br>2634884 | 2.00 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Benzo[b]fluoranthene | PRY | Ave | 1665<br>180609 | 7677<br>347172 | 16548<br>807556 | 1319595 | 87507<br>1743054 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Benzo[k]fluoranthene | PRY | Ave | 1688<br>185187 | 8177<br>369149 | 18070<br>829567 | 1387617 | 95904<br>1757383 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Benzo[a]pyrene | PRY | Ave | 1451<br>158608 | 7103<br>326778 | 14673<br>748672 | 1232002 | 82117<br>1668949 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Indeno[1,2,3-cd]pyrene | PRY | Ave | 1179<br>150462 | 6471<br>304386 | 13611<br>710165 | 1185606 | 71399<br>1613151 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Dibenz(a,h)anthracene | PRY | Ave | 1345<br>148580 | 6133<br>305505 | 14483<br>707635 | 1175635 | 71118<br>1594067 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |
| Benzo[g,h,i]perylene | PRY | Ave | 1130<br>145315 | 7239<br>294239 | 14237<br>675452 | 1131527 | 73541<br>1524273 | 0.0200<br>2.00 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 | Calibration End Date: 08/11/2025 11:34 | Calibration ID: 102043

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 LVL 10 |
| 2-Fluorophenol (Surr) | DCBd4 | Ave | 569802 | 629461 | 607592 | 605664 | 607711 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 611755 | 570588 | 544813 | 532401 | 573867 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Phenol-d5 (Surr) | DCBd4 | Ave | 726770 | 810471 | 788296 | 782672 | 765911 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 795485 | 733740 | 694491 | 673083 | 745526 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Nitrobenzene-d5 (Surr) | NPT | Ave | 694193 | 757939 | 737096 | 737083 | 740169 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 740878 | 691337 | 662372 | 628322 | 688082 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 2-Fluorobiphenyl | ANT | Ave | 1199270 | 1283482 | 1233976 | 1255604 | 1228421 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 1241379 | 1156941 | 1049790 | 1019352 | 1095123 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 2,4,6-Tribromophenol (Surr) | ANT | Ave | 166584 | 182610 | 173724 | 178236 | 176475 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 174574 | 161690 | 138335 | 136980 | 146321 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Terphenyl-d14 (Surr) | CRY | Ave | 1104611 | 1221675 | 1176205 | 1179558 | 1156654 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | 1131730 | 1046132 | 873120 | 840812 | 903534 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD

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

Lab Name: Eurofins Edison | Job No.: 460-332739-1 | Analy Batch No.: 1054842

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil M ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 08:22 | Calibration End Date: 08/11/2025 11:34 | Calibration ID: 102043

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD002 460-1054842/11 | P94226.D |
| Level 2 | STD01 460-1054842/10 | P94225.D |
| Level 3 | STD02 460-1054842/9 | P94224.D |
| Level 4 | STD04 460-1054842/8 | P94223.D |
| Level 5 | STD1 460-1054842/7 | P94222.D |
| Level 6 | STD2 460-1054842/6 | P94221.D |
| Level 7 | STD4 460-1054842/5 | P94220.D |
| Level 8 | ICIS 460-1054842/2 | P94217.D |
| Level 9 | STD16 460-1054842/4 | P94219.D |
| Level 10 | STD24 460-1054842/3 | P94218.D |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # LVL 9 # | LVL 4 # LVL 10 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 LVL 9 | LVL 4 LVL 10 | LVL 5 | LVL 6 |
| Benzoic acid | | | | | 5.6 | | | | | | 30 | |
| 2,4,6-Trichlorophenol | 1.2 | | | | | | 30 | | | | | |
| Bisphenol-A | | | | | 16.2 | | | | | | 30 | |
| Benzo[a]anthracene | 3.3 | | | | | | 30 | | | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94217.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 11-Aug-2025 08:22:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:01 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 08:44:38

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.984 | 1.984 | 0.000 | 98 | 232770 | 10.0 | 10.2 | |
| 2 N-Nitrosodimethylamine | 74 | 2.182 | 2.182 | 0.000 | 85 | 383383 | 10.0 | 10.7 | |
| 3 Pyridine | 79 | 2.217 | 2.217 | 0.000 | 91 | 1291013 | 20.0 | 22.6 | |
| $ 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 92 | 544813 | 10.0 | 9.44 | |
| 5 Benzaldehyde | 77 | 4.056 | 4.056 | 0.000 | 94 | 72520 | 4.00 | 1.43 | |
| $ 6 Phenol-d5 | 99 | 4.101 | 4.101 | 0.000 | 0 | 694491 | 10.0 | 9.37 | |
| 7 Phenol | 94 | 4.117 | 4.117 | 0.000 | 100 | 732000 | 10.0 | 10.5 | |
| 8 Aniline | 93 | 4.158 | 4.158 | 0.000 | 99 | 920439 | 10.0 | 10.3 | |
| 9 Bis(2-chloroethyl)ether | 93 | 4.216 | 4.216 | 0.000 | 95 | 558192 | 10.0 | 9.90 | |
| 10 Benzonitrile | 103 | 4.241 | 4.241 | 0.000 | 99 | 1153767 | NC | NC | |
| 11 2-Chlorophenol | 128 | 4.270 | 4.270 | 0.000 | 92 | 546735 | 10.0 | 10.1 | |
| 12 n-Decane | 43 | 4.318 | 4.318 | 0.000 | 91 | 652749 | 10.0 | 10.5 | |
| 13 1,3-Dichlorobenzene | 146 | 4.420 | 4.420 | 0.000 | 93 | 572385 | 10.0 | 9.89 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.471 | 4.471 | 0.000 | 98 | 302150 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 4.487 | 4.487 | 0.000 | 92 | 584774 | 10.0 | 9.79 | |
| 17 Benzyl alcohol | 108 | 4.596 | 4.596 | 0.000 | 91 | 360837 | 10.0 | 11.4 | |
| 18 1,2-Dichlorobenzene | 146 | 4.631 | 4.631 | 0.000 | 93 | 546150 | 10.0 | 9.44 | |
| 20 2-Methylphenol | 108 | 4.695 | 4.695 | 0.000 | 86 | 514221 | 10.0 | 10.3 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.727 | 4.727 | 0.000 | 92 | 781978 | 10.0 | 10.3 | |
| 22 N-Methylaniline | 106 | 4.842 | 4.842 | 0.000 | 92 | 921725 | 10.0 | 10.4 | a |
| 26 4-Methylphenol | 108 | 4.845 | 4.845 | 0.000 | 83 | 592024 | 10.0 | 10.5 | |
| 25 3 & 4 Methylphenol | 108 | 4.845 | 4.845 | 0.000 | 0 | 593021 | 10.0 | 10.5 | |
| 23 Acetophenone | 105 | 4.855 | 4.855 | 0.000 | 90 | 831489 | 10.0 | 10.2 | |
| 24 N-Nitrosodi-n-propylamine | 70 | 4.855 | 4.855 | 0.000 | 92 | 444752 | 10.0 | 10.5 | |
| 27 Hexachloroethane | 117 | 4.954 | 4.954 | 0.000 | 92 | 229662 | 10.0 | 10.2 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.995 | 4.995 | 0.000 | 89 | 662372 | 10.0 | 9.50 | |
| 29 Nitrobenzene | 123 | 5.018 | 5.018 | 0.000 | 90 | 274952 | 10.0 | 9.86 | |
| 30 n,n'-Dimethylaniline | 120 | 5.018 | 5.018 | 0.000 | 99 | 910628 | 10.0 | 10.5 | |
| 31 Isophorone | 82 | 5.244 | 5.244 | 0.000 | 99 | 1133695 | 10.0 | 10.3 | |
| 32 2-Nitrophenol | 139 | 5.315 | 5.315 | 0.000 | 87 | 289870 | 10.0 | 10.2 | |
| 33 2,4-Dimethylphenol | 122 | 5.353 | 5.353 | 0.000 | 89 | 484403 | 10.0 | 10.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 5.449 | 5.449 | 0.000 | 98 | 663742 | 10.0 | 10.0 | |
| 35 Benzoic acid | 122 | 5.455 | 5.455 | 0.000 | 90 | 321106 | 10.0 | 10.1 | |
| 36 2,4-Dichlorophenol | 162 | 5.542 | 5.542 | 0.000 | 92 | 403888 | 10.0 | 10.4 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.628 | 5.628 | 0.000 | 93 | 418481 | 10.0 | 9.84 | |
| * 38 Naphthalene-d8 | 136 | 5.682 | 5.682 | 0.000 | 100 | 1218871 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.705 | 5.705 | 0.000 | 99 | 1621957 | 10.0 | 9.85 | |
| 40 4-Chloroaniline | 127 | 5.753 | 5.753 | 0.000 | 95 | 666453 | 10.0 | 10.4 | |
| 41 2,6-Dichlorophenol | 162 | 5.759 | 5.759 | 0.000 | 89 | 398389 | 10.0 | 10.3 | |
| 42 Hexachlorobutadiene | 225 | 5.823 | 5.823 | 0.000 | 91 | 217786 | 10.0 | 9.96 | |
| 44 Caprolactam | 55 | 6.123 | 6.123 | 0.000 | 90 | 94023 | 4.00 | 4.17 | a |
| 45 4-Chloro-3-methylphenol | 107 | 6.213 | 6.213 | 0.000 | 97 | 454359 | 10.0 | 10.7 | |
| 46 2-Methylnaphthalene | 142 | 6.363 | 6.363 | 0.000 | 84 | 936159 | 10.0 | 9.66 | |
| 47 1-Methylnaphthalene | 142 | 6.456 | 6.456 | 0.000 | 93 | 961434 | 10.0 | 9.73 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.513 | 6.513 | 0.000 | 95 | 312396 | 10.0 | 10.1 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.523 | 6.523 | 0.000 | 95 | 383099 | 10.0 | 9.97 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.552 | 6.552 | 0.000 | 89 | 653526 | 10.0 | 10.6 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.628 | 6.628 | 0.000 | 85 | 266422 | 10.0 | 10.1 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.657 | 6.657 | 0.000 | 92 | 292174 | 10.0 | 10.5 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.712 | 6.712 | 0.000 | 97 | 1049790 | 10.0 | 9.19 | |
| 54 1,1'-Biphenyl | 154 | 6.807 | 6.807 | 0.000 | 96 | 1210301 | 10.0 | 10.0 | |
| 55 2-Chloronaphthalene | 162 | 6.823 | 6.823 | 0.000 | 97 | 888633 | 10.0 | 9.90 | |
| 56 Phenyl ether | 170 | 6.910 | 6.910 | 0.000 | 91 | 618691 | 10.0 | 10.1 | |
| 57 2-Nitroaniline | 65 | 6.919 | 6.919 | 0.000 | 95 | 405589 | 10.0 | 10.4 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.034 | 7.034 | 0.000 | 90 | 642189 | 10.0 | 9.81 | |
| 59 Dimethyl phthalate | 163 | 7.102 | 7.102 | 0.000 | 97 | 964515 | 10.0 | 9.85 | |
| 60 Coumarin | 146 | 7.118 | 7.118 | 0.000 | 75 | 332325 | 10.0 | 10.1 | |
| 61 2,6-Dinitrotoluene | 165 | 7.153 | 7.153 | 0.000 | 89 | 215304 | 10.0 | 9.94 | |
| 62 Acenaphthylene | 152 | 7.217 | 7.217 | 0.000 | 97 | 1483698 | 10.0 | 9.94 | |
| 63 3-Nitroaniline | 138 | 7.309 | 7.309 | 0.000 | 92 | 257155 | 10.0 | 10.3 | |
| * 64 Acenaphthene-d10 | 164 | 7.351 | 7.351 | 0.000 | 96 | 583103 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.377 | 7.377 | 0.000 | 97 | 732903 | 10.0 | 10.2 | |
| 65 Acenaphthene | 154 | 7.383 | 7.383 | 0.000 | 96 | 872667 | 10.0 | 10.1 | |
| 67 2,4-Dinitrophenol | 184 | 7.409 | 7.409 | 0.000 | 88 | 283020 | 20.0 | 20.1 | a |
| 68 4-Nitrophenol | 65 | 7.466 | 7.466 | 0.000 | 96 | 450500 | 20.0 | 21.6 | |
| 69 2,4-Dinitrotoluene | 165 | 7.533 | 7.533 | 0.000 | 91 | 294115 | 10.0 | 10.6 | |
| 70 Dibenzofuran | 168 | 7.546 | 7.546 | 0.000 | 95 | 1231162 | 10.0 | 9.90 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.658 | 7.658 | 0.000 | 88 | 213000 | 10.0 | 10.1 | |
| 72 Diethyl phthalate | 149 | 7.776 | 7.776 | 0.000 | 97 | 997489 | 10.0 | 9.78 | |
| 87 n-Octadecane | 57 | 7.799 | 7.799 | 0.000 | 96 | 804351 | 10.0 | 10.5 | |
| 73 Fluorene | 166 | 7.872 | 7.872 | 0.000 | 94 | 1001238 | 10.0 | 9.85 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.872 | 7.872 | 0.000 | 80 | 413847 | 10.0 | 9.65 | |
| 75 4-Nitroaniline | 138 | 7.891 | 7.891 | 0.000 | 95 | 247939 | 10.0 | 10.5 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.920 | 7.920 | 0.000 | 73 | 341564 | 20.0 | 21.7 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.987 | 7.987 | 0.000 | 69 | 695808 | 10.0 | 10.1 | |
| 131 Azobenzene | 77 | 8.026 | 8.026 | 0.000 | 98 | 1217452 | 10.0 | 10.3 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.026 | 8.026 | 0.000 | 51 | 1217452 | 10.0 | 10.7 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.096 | 8.096 | 0.000 | 91 | 138335 | 10.0 | 8.72 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.336 | 8.336 | 0.000 | 80 | 237069 | 10.0 | 9.98 | |
| 82 Hexachlorobenzene | 284 | 8.390 | 8.390 | 0.000 | 99 | 259182 | 10.0 | 10.2 | |
| 83 Atrazine | 200 | 8.496 | 8.496 | 0.000 | 87 | 95059 | 4.00 | 4.19 | |
| 84 Pentachlorophenol | 266 | 8.576 | 8.576 | 0.000 | 91 | 355265 | 20.0 | 20.7 | |
| 85 Pentachloronitrobenzene | 237 | 8.592 | 8.592 | 0.000 | 83 | 75968 | 10.0 | 9.86 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.758 | 8.758 | 0.000 | 99 | 949606 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.780 | 8.780 | 0.000 | 99 | 1283971 | 10.0 | 9.77 | |
| 90 Anthracene | 178 | 8.828 | 8.828 | 0.000 | 98 | 1338023 | 10.0 | 9.92 | |
| 91 Carbazole | 167 | 8.979 | 8.979 | 0.000 | 96 | 1194186 | 10.0 | 10.0 | |
| 92 Di-n-butyl phthalate | 149 | 9.327 | 9.327 | 0.000 | 99 | 1450439 | 10.0 | 10.5 | |
| 93 Fluoranthene | 202 | 9.908 | 9.908 | 0.000 | 97 | 1193035 | 10.0 | 10.0 | |
| 94 Benzidine | 184 | 10.036 | 10.036 | 0.000 | 99 | 560833 | 10.0 | 8.50 | |
| 95 Pyrene | 202 | 10.122 | 10.122 | 0.000 | 96 | 1218945 | 10.0 | 10.1 | |
| 96 Bisphenol-A | 213 | 10.170 | 10.170 | 0.000 | 97 | 453625 | 10.0 | 11.1 | |
| $ 97 Terphenyl-d14 | 244 | 10.282 | 10.282 | 0.000 | 98 | 873120 | 10.0 | 8.93 | |
| 98 Butyl benzyl phthalate | 149 | 10.796 | 10.796 | 0.000 | 97 | 520880 | 10.0 | 10.7 | |
| 99 2,3,7,8-TCDD | 320 | 10.873 | 10.873 | 0.000 | 8 | 1305 | 0.1000 | 0.1000 | |
| 100 Carbamazepine | 193 | 10.895 | 10.895 | 0.000 | 92 | 349355 | 10.0 | 9.84 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.371 | 11.371 | 0.000 | 99 | 352924 | 10.0 | 10.8 | |
| 102 Benzo[a]anthracene | 228 | 11.394 | 11.394 | 0.000 | 100 | 943056 | 10.0 | 10.2 | |
| * 103 Chrysene-d12 | 240 | 11.407 | 11.407 | 0.000 | 99 | 555941 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.439 | 11.439 | 0.000 | 98 | 871030 | 10.0 | 9.96 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.474 | 11.474 | 0.000 | 89 | 778909 | 10.0 | 9.97 | |
| 106 Di-n-octyl phthalate | 149 | 12.330 | 12.330 | 0.000 | 97 | 1159441 | 10.0 | 10.2 | |
| 107 Benzo[b]fluoranthene | 252 | 12.787 | 12.787 | 0.000 | 97 | 807556 | 10.0 | 10.7 | |
| 108 Benzo[k]fluoranthene | 252 | 12.828 | 12.828 | 0.000 | 98 | 829567 | 10.0 | 10.5 | |
| 109 Benzo[a]pyrene | 252 | 13.240 | 13.240 | 0.000 | 97 | 748672 | 10.0 | 10.8 | |
| * 110 Perylene-d12 | 264 | 13.320 | 13.320 | 0.000 | 97 | 511997 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.917 | 14.917 | 0.000 | 98 | 710165 | 10.0 | 11.1 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.965 | 14.965 | 0.000 | 98 | 707635 | 10.0 | 11.0 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.362 | 15.362 | 0.000 | 95 | 675452 | 10.0 | 10.7 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:47:05 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94217.D

Injection Date: 11-Aug-2025 08:22:30 Instrument ID: CBNAMS18 Operator ID:

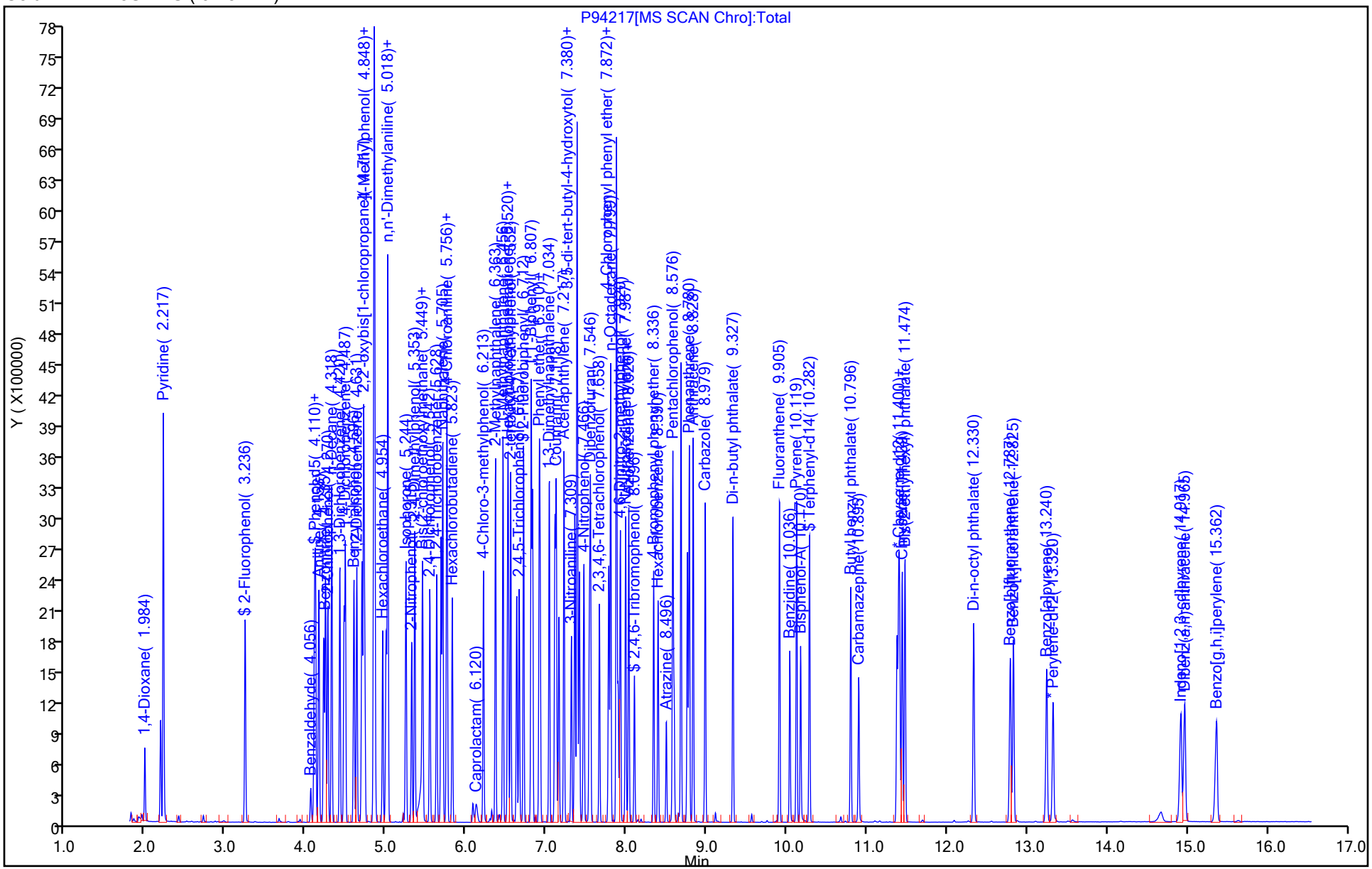
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94217.D
Injection Date: 11-Aug-2025 08:22:30 Instrument ID: CBNAMS18
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

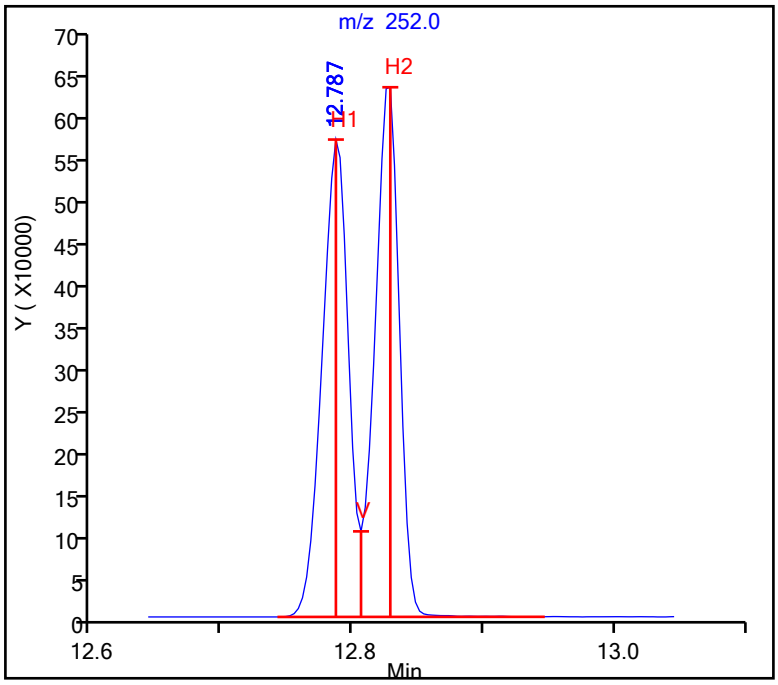
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 102134
H1( 107 Benzo[b]fluoranthen) = 570019
H2( 108 Benzo[k]fluoranthen) = 632455

Version D: %R = 17.0 <= 50.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

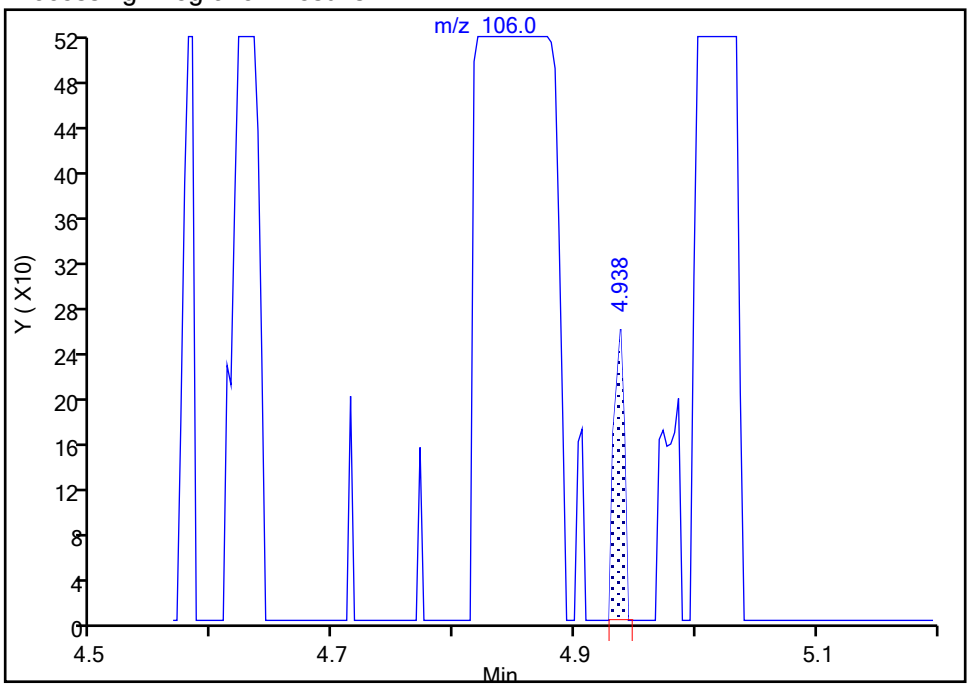
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94217.D
Injection Date: 11-Aug-2025 08:22:30 Instrument ID: CBNAMS18
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Methylaniline, CAS: 100-61-8

Signal: 1

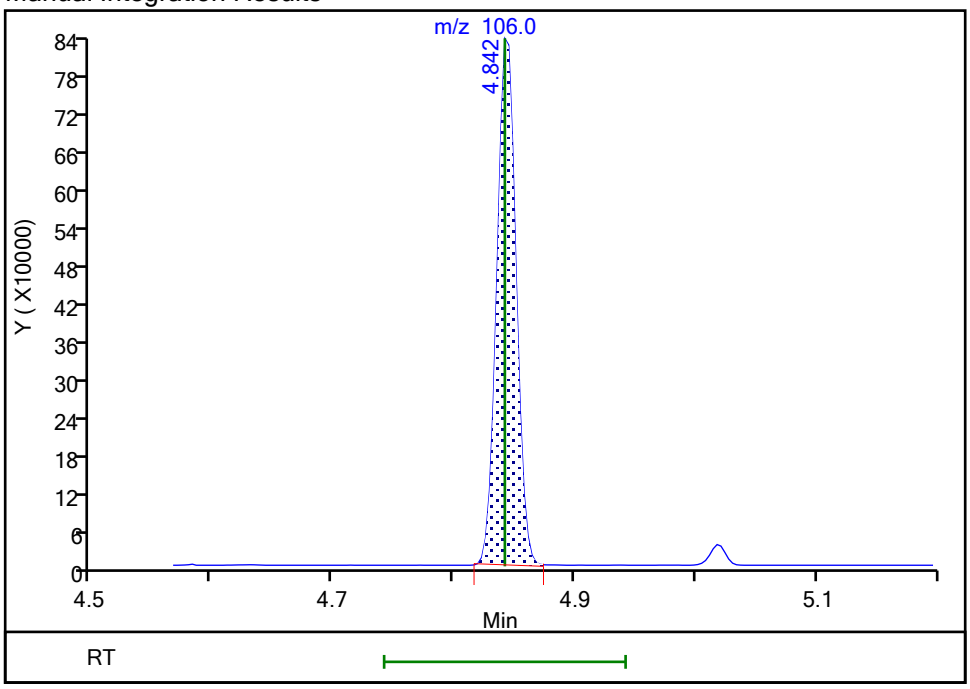
Processing Integration Results

RT: 4.94
Area: 152
Amount: 10.000000
Amount Units: ug/ml




Manual Integration Results

RT: 4.84
Area: 921725
Amount: 10.432631
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 09:17:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

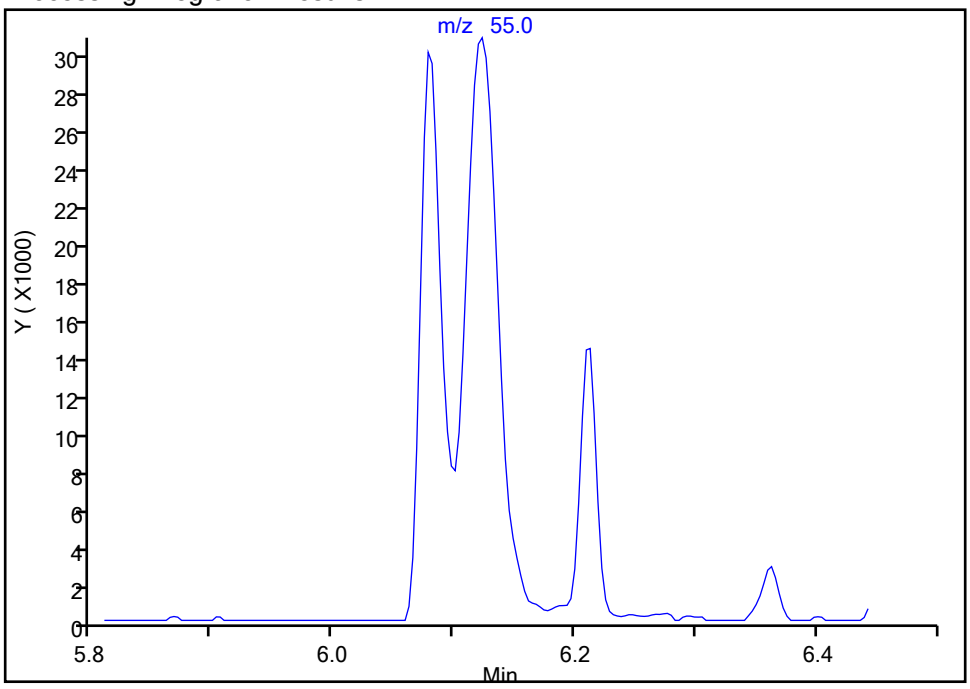
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94217.D
Injection Date: 11-Aug-2025 08:22:30 Instrument ID: CBNAMS18
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 44 Caprolactam, CAS: 105-60-2

Signal: 1

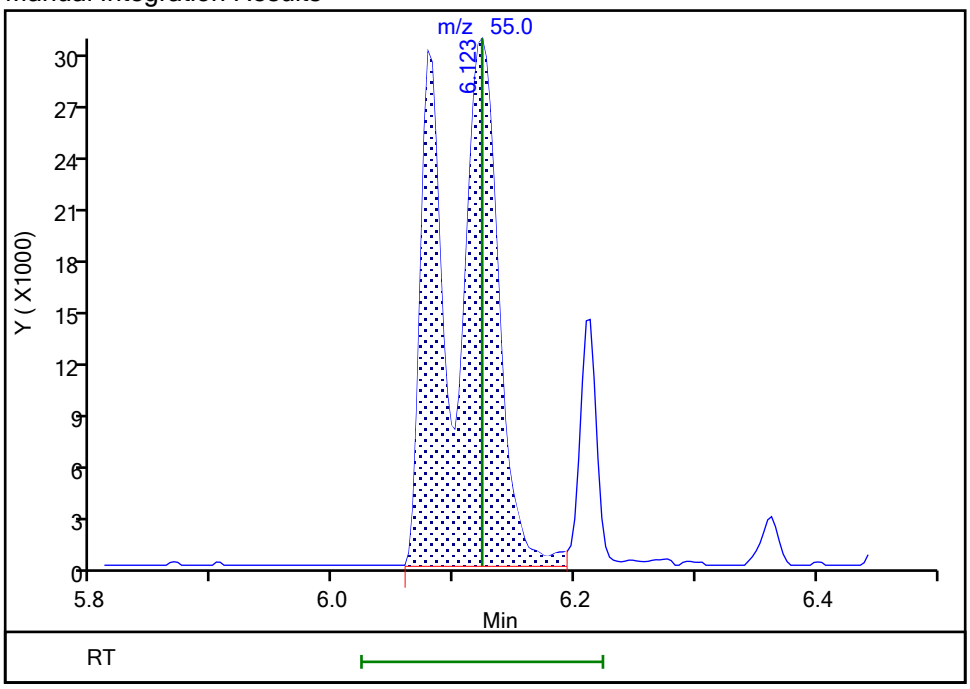
Not Detected
Expected RT: 6.12

Processing Integration Results




Manual Integration Results

RT: 6.12
Area: 94023
Amount: 4.172553
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 08:44:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

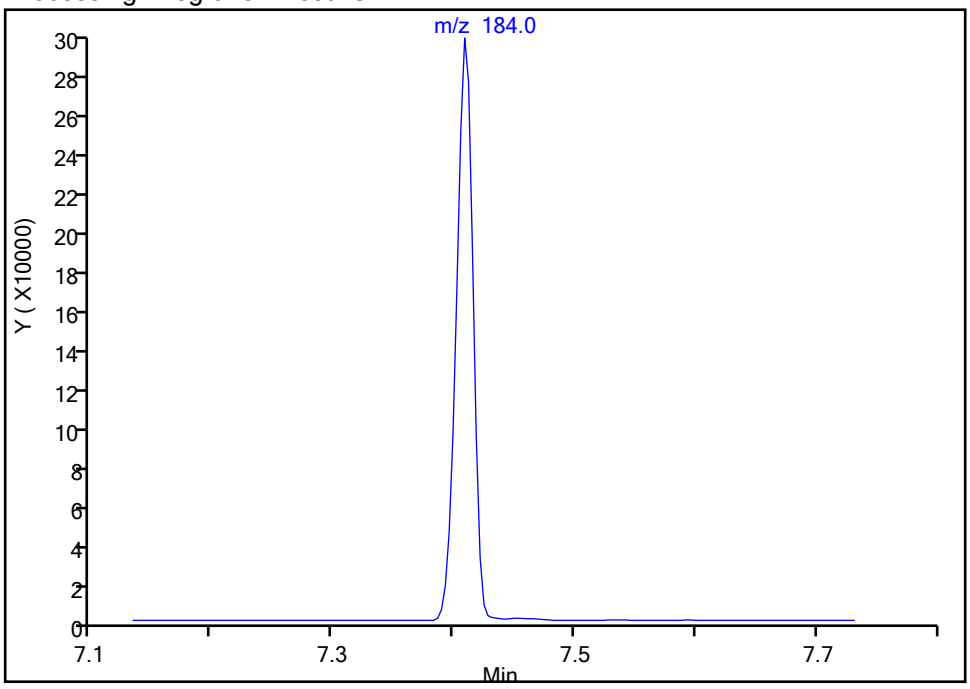
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94217.D
Injection Date: 11-Aug-2025 08:22:30 Instrument ID: CBNAMS18
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

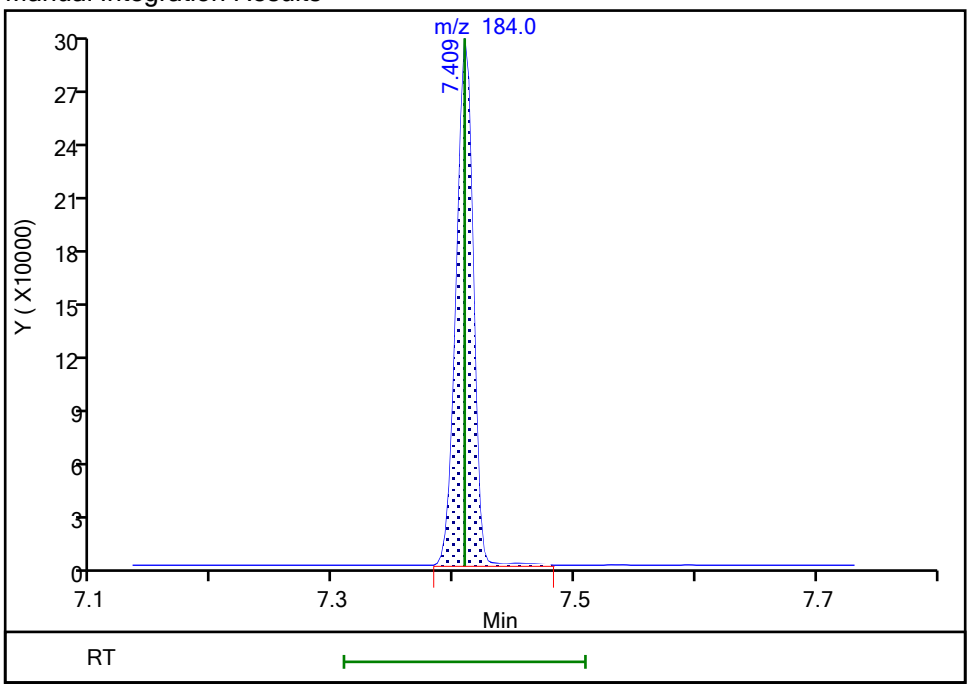
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.41
Area: 283020
Amount: 20.059095
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 08:43:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94218.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 11-Aug-2025 08:44:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-003
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:09 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 09:17:20

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.981 | 1.984 | -0.003 | 98 | 505229 | 24.0 | 23.7 | |
| 2 N-Nitrosodimethylamine | 74 | 2.185 | 2.182 | 0.003 | 85 | 837106 | 24.0 | 25.1 | |
| 3 Pyridine | 79 | 2.214 | 2.217 | -0.003 | 91 | 2926013 | 48.0 | 55.3 | |
| $ 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 92 | 573867 | 10.0 | 10.7 | |
| 5 Benzaldehyde | 77 | 4.059 | 4.056 | 0.003 | 94 | 226845 | 6.40 | 4.80 | |
| $ 6 Phenol-d5 | 99 | 4.114 | 4.101 | 0.013 | 0 | 745526 | 10.0 | 10.8 | |
| 7 Phenol | 94 | 4.126 | 4.117 | 0.009 | 99 | 1601139 | 24.0 | 24.8 | |
| 8 Aniline | 93 | 4.165 | 4.158 | 0.007 | 100 | 2054168 | 24.0 | 24.7 | |
| 9 Bis(2-chloroethyl)ether | 93 | 4.225 | 4.216 | 0.009 | 95 | 1245072 | 24.0 | 23.8 | |
| 10 Benzonitrile | 103 | 4.251 | 4.241 | 0.010 | 99 | 2595669 | NC | NC | |
| 11 2-Chlorophenol | 128 | 4.277 | 4.270 | 0.007 | 94 | 1249816 | 24.0 | 24.9 | |
| 12 n-Decane | 43 | 4.321 | 4.318 | 0.003 | 90 | 1430813 | 24.0 | 24.8 | |
| 13 1,3-Dichlorobenzene | 146 | 4.424 | 4.420 | 0.004 | 93 | 1305862 | 24.0 | 24.3 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.475 | 4.471 | 0.004 | 97 | 280461 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 4.491 | 4.487 | 0.004 | 92 | 1335612 | 24.0 | 24.1 | |
| 17 Benzyl alcohol | 108 | 4.606 | 4.596 | 0.010 | 91 | 791420 | 24.0 | 26.8 | |
| 18 1,2-Dichlorobenzene | 146 | 4.635 | 4.631 | 0.003 | 93 | 1251946 | 24.0 | 23.3 | |
| 20 2-Methylphenol | 108 | 4.705 | 4.695 | 0.010 | 88 | 1134097 | 24.0 | 24.4 | |
| 21 2,2'-oxybis[1-chloropropane] | 45 | 4.734 | 4.727 | 0.007 | 91 | 1748252 | 24.0 | 24.8 | |
| 22 N-Methylaniline | 106 | 4.849 | 4.842 | 0.007 | 95 | 2078849 | 24.0 | 25.3 | a |
| 26 4-Methylphenol | 108 | 4.858 | 4.845 | 0.013 | 85 | 1304045 | 24.0 | 25.0 | |
| 25 3 & 4 Methylphenol | 108 | 4.858 | 4.845 | 0.013 | 0 | 1318751 | 24.0 | 25.1 | |
| 23 Acetophenone | 105 | 4.865 | 4.855 | 0.010 | 95 | 1857182 | 24.0 | 24.6 | |
| 24 N-Nitrosodi-n-propylamine | 70 | 4.865 | 4.855 | 0.010 | 91 | 992972 | 24.0 | 25.4 | |
| 27 Hexachloroethane | 117 | 4.957 | 4.954 | 0.003 | 93 | 511912 | 24.0 | 24.4 | |
| $ 28 Nitrobenzene-d5 | 82 | 5.002 | 4.995 | 0.007 | 89 | 688082 | 10.0 | 10.7 | |
| 29 Nitrobenzene | 123 | 5.025 | 5.018 | 0.007 | 95 | 621051 | 24.0 | 24.0 | |
| 30 n,n'-Dimethylaniline | 120 | 5.028 | 5.018 | 0.010 | 94 | 2097303 | 24.0 | 25.9 | |
| 31 Isophorone | 82 | 5.258 | 5.244 | 0.014 | 99 | 2521286 | 24.0 | 24.8 | |
| 32 2-Nitrophenol | 139 | 5.322 | 5.315 | 0.007 | 85 | 653672 | 24.0 | 24.8 | |
| 33 2,4-Dimethylphenol | 122 | 5.363 | 5.353 | 0.010 | 89 | 1064405 | 24.0 | 25.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 5.456 | 5.449 | 0.007 | 98 | 1488241 | 24.0 | 24.2 | |
| 35 Benzoic acid | 122 | 5.507 | 5.455 | 0.052 | 89 | 763240 | 24.0 | 25.0 | |
| 36 2,4-Dichlorophenol | 162 | 5.549 | 5.542 | 0.007 | 92 | 910267 | 24.0 | 25.3 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.632 | 5.628 | 0.004 | 93 | 944041 | 24.0 | 24.0 | |
| * 38 Naphthalene-d8 | 136 | 5.686 | 5.682 | 0.004 | 100 | 1127950 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.709 | 5.705 | 0.004 | 99 | 3721358 | 24.0 | 24.4 | |
| 40 4-Chloroaniline | 127 | 5.760 | 5.753 | 0.007 | 96 | 1508122 | 24.0 | 25.5 | |
| 41 2,6-Dichlorophenol | 162 | 5.766 | 5.759 | 0.007 | 93 | 901130 | 24.0 | 25.2 | |
| 42 Hexachlorobutadiene | 225 | 5.824 | 5.823 | 0.001 | 92 | 498190 | 24.0 | 24.6 | |
| 44 Caprolactam | 55 | 6.191 | 6.123 | 0.068 | 91 | 162887 | 6.40 | 7.81 | M |
| 45 4-Chloro-3-methylphenol | 107 | 6.217 | 6.213 | 0.004 | 97 | 1006598 | 24.0 | 25.6 | |
| 46 2-Methylnaphthalene | 142 | 6.364 | 6.363 | 0.001 | 84 | 2095759 | 24.0 | 23.4 | |
| 47 1-Methylnaphthalene | 142 | 6.460 | 6.456 | 0.004 | 92 | 2163628 | 24.0 | 23.7 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.517 | 6.513 | 0.004 | 96 | 704005 | 24.0 | 25.6 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.527 | 6.523 | 0.004 | 95 | 852273 | 24.0 | 24.9 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.556 | 6.552 | 0.004 | 89 | 1470531 | 24.0 | 25.7 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.630 | 6.628 | 0.002 | 85 | 595898 | 24.0 | 25.3 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.662 | 6.657 | 0.005 | 91 | 626933 | 24.0 | 25.2 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.713 | 6.712 | 0.001 | 97 | 1095123 | 10.0 | 10.8 | |
| 54 1,1'-Biphenyl | 154 | 6.812 | 6.807 | 0.005 | 96 | 2734681 | 24.0 | 25.4 | |
| 55 2-Chloronaphthalene | 162 | 6.828 | 6.823 | 0.005 | 97 | 1968901 | 24.0 | 24.6 | |
| 56 Phenyl ether | 170 | 6.911 | 6.910 | 0.001 | 91 | 1382771 | 24.0 | 25.4 | |
| 57 2-Nitroaniline | 65 | 6.927 | 6.919 | 0.008 | 95 | 878645 | 24.0 | 25.2 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.036 | 7.034 | 0.002 | 90 | 1487458 | 24.0 | 25.5 | |
| 59 Dimethyl phthalate | 163 | 7.113 | 7.102 | 0.011 | 98 | 2098517 | 24.0 | 24.1 | |
| 60 Coumarin | 146 | 7.126 | 7.118 | 0.008 | 75 | 736168 | 24.0 | 24.2 | |
| 61 2,6-Dinitrotoluene | 165 | 7.161 | 7.153 | 0.008 | 91 | 479477 | 24.0 | 24.8 | |
| 62 Acenaphthylene | 152 | 7.222 | 7.217 | 0.005 | 97 | 3323965 | 24.0 | 25.0 | |
| 63 3-Nitroaniline | 138 | 7.317 | 7.309 | 0.008 | 92 | 553080 | 24.0 | 24.9 | |
| * 64 Acenaphthene-d10 | 164 | 7.353 | 7.351 | 0.002 | 97 | 519577 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.385 | 7.377 | 0.008 | 98 | 1657953 | 24.0 | 25.8 | |
| 65 Acenaphthene | 154 | 7.388 | 7.383 | 0.005 | 97 | 1931257 | 24.0 | 25.1 | |
| 67 2,4-Dinitrophenol | 184 | 7.420 | 7.409 | 0.011 | 88 | 642984 | 48.0 | 46.8 | a |
| 68 4-Nitrophenol | 65 | 7.478 | 7.466 | 0.012 | 95 | 993324 | 48.0 | 53.5 | |
| 69 2,4-Dinitrotoluene | 165 | 7.542 | 7.533 | 0.009 | 91 | 643655 | 24.0 | 25.9 | |
| 70 Dibenzofuran | 168 | 7.551 | 7.546 | 0.005 | 95 | 2710562 | 24.0 | 24.5 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.663 | 7.658 | 0.005 | 88 | 468868 | 24.0 | 25.1 | |
| 72 Diethyl phthalate | 149 | 7.781 | 7.776 | 0.005 | 97 | 2181754 | 24.0 | 24.0 | |
| 87 n-Octadecane | 57 | 7.801 | 7.799 | 0.002 | 95 | 1783805 | 24.0 | 26.7 | |
| 73 Fluorene | 166 | 7.874 | 7.872 | 0.002 | 92 | 2229423 | 24.0 | 24.6 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.878 | 7.872 | 0.006 | 74 | 930953 | 24.0 | 24.4 | |
| 75 4-Nitroaniline | 138 | 7.910 | 7.891 | 0.019 | 95 | 536616 | 24.0 | 25.5 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.932 | 7.920 | 0.012 | 78 | 744260 | 48.0 | 54.3 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.993 | 7.987 | 0.006 | 92 | 1524954 | 24.0 | 25.3 | |
| 131 Azobenzene | 77 | 8.031 | 8.026 | 0.005 | 98 | 2652171 | 24.0 | 25.9 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.031 | 8.026 | 0.005 | 51 | 2651431 | 24.0 | 26.7 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.098 | 8.096 | 0.002 | 92 | 146321 | 10.0 | 10.4 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.338 | 8.336 | 0.002 | 80 | 520061 | 24.0 | 25.1 | |
| 82 Hexachlorobenzene | 284 | 8.396 | 8.390 | 0.006 | 99 | 573220 | 24.0 | 25.8 | |
| 83 Atrazine | 200 | 8.498 | 8.496 | 0.002 | 87 | 136426 | 6.40 | 6.90 | |
| 84 Pentachlorophenol | 266 | 8.581 | 8.576 | 0.005 | 91 | 789600 | 48.0 | 52.8 | |
| 85 Pentachloronitrobenzene | 237 | 8.594 | 8.592 | 0.002 | 85 | 180279 | 24.0 | 26.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.757 | 8.758 | -0.001 | 99 | 827535 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.783 | 8.780 | 0.003 | 99 | 2844362 | 24.0 | 24.8 | |
| 90 Anthracene | 178 | 8.834 | 8.828 | 0.006 | 98 | 2910885 | 24.0 | 24.8 | |
| 91 Carbazole | 167 | 8.985 | 8.979 | 0.006 | 96 | 2574334 | 24.0 | 24.8 | |
| 92 Di-n-butyl phthalate | 149 | 9.326 | 9.327 | -0.001 | 99 | 3172061 | 24.0 | 26.3 | |
| 93 Fluoranthene | 202 | 9.908 | 9.908 | 0.000 | 97 | 2576042 | 24.0 | 24.8 | |
| 94 Benzidine | 184 | 10.039 | 10.036 | 0.003 | 99 | 1593845 | 24.0 | 24.0 | |
| 95 Pyrene | 202 | 10.125 | 10.122 | 0.003 | 96 | 2604315 | 24.0 | 25.2 | |
| 96 Bisphenol-A | 213 | 10.173 | 10.170 | 0.003 | 97 | 913904 | 24.0 | 24.7 | |
| $ 97 Terphenyl-d14 | 244 | 10.279 | 10.282 | -0.003 | 97 | 903534 | 10.0 | 10.7 | |
| 98 Butyl benzyl phthalate | 149 | 10.800 | 10.796 | 0.004 | 97 | 1152189 | 24.0 | 27.4 | |
| 100 Carbamazepine | 193 | 10.902 | 10.895 | 0.007 | 92 | 853758 | 24.0 | 23.4 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.375 | 11.371 | 0.004 | 99 | 782067 | 24.0 | 27.9 | |
| 102 Benzo[a]anthracene | 228 | 11.398 | 11.394 | 0.004 | 100 | 2014644 | 24.0 | 25.4 | |
| * 103 Chrysene-d12 | 240 | 11.411 | 11.407 | 0.004 | 98 | 478697 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.443 | 11.439 | 0.004 | 97 | 1827629 | 24.0 | 24.3 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.472 | 11.474 | -0.002 | 89 | 1725309 | 24.0 | 23.3 | |
| 106 Di-n-octyl phthalate | 149 | 12.331 | 12.330 | 0.001 | 97 | 2634884 | 24.0 | 23.5 | |
| 107 Benzo[b]fluoranthene | 252 | 12.791 | 12.787 | 0.004 | 98 | 1743054 | 24.0 | 25.8 | |
| 108 Benzo[k]fluoranthene | 252 | 12.833 | 12.828 | 0.005 | 99 | 1757383 | 24.0 | 24.9 | |
| 109 Benzo[a]pyrene | 252 | 13.248 | 13.240 | 0.008 | 97 | 1668949 | 24.0 | 26.9 | |
| * 110 Perylene-d12 | 264 | 13.322 | 13.320 | 0.002 | 97 | 458800 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.925 | 14.917 | 0.008 | 98 | 1613151 | 24.0 | 28.2 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.974 | 14.965 | 0.009 | 98 | 1594067 | 24.0 | 27.6 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.376 | 15.362 | 0.014 | 95 | 1524273 | 24.0 | 27.0 | |
| S 115 Total Cresols | 1 | | | | 0 | | | 49.5 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL9_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:47:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94218.D

Injection Date: 11-Aug-2025 08:44:30 Instrument ID: CBNAMS18 Operator ID:

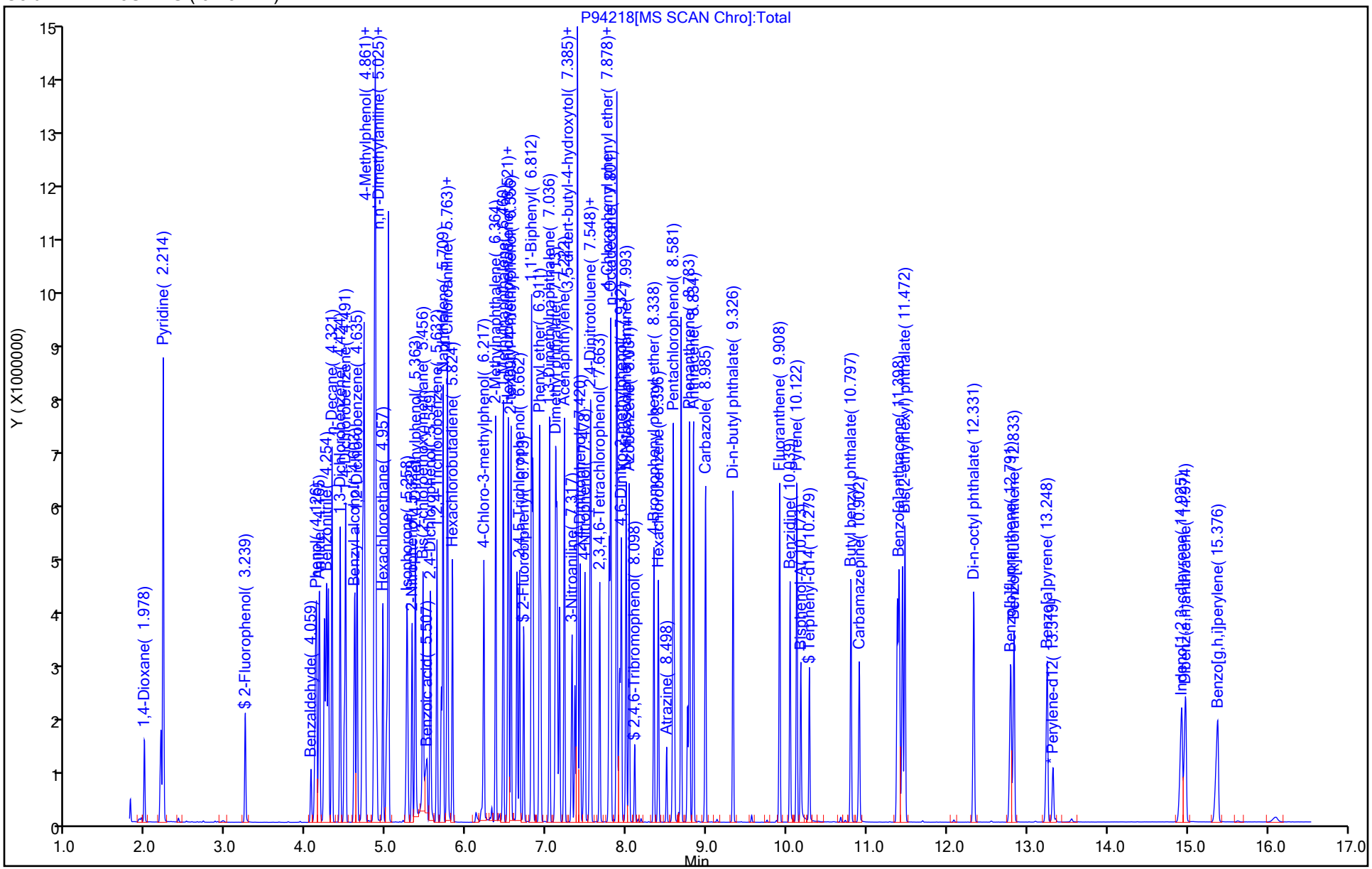
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

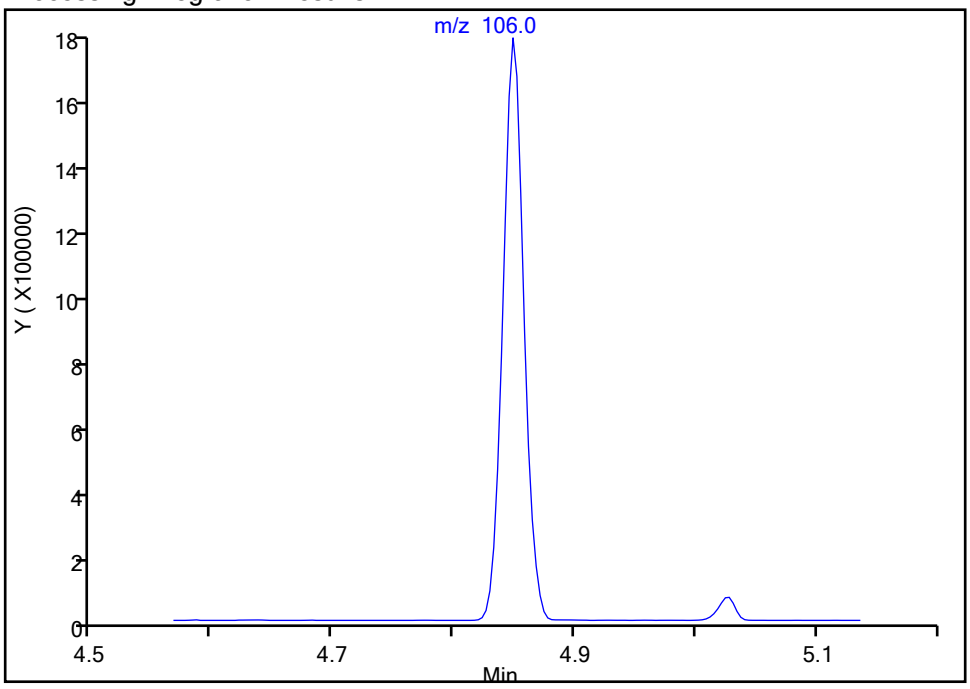
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94218.D
Injection Date: 11-Aug-2025 08:44:30 Instrument ID: CBNAMS18
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Methylaniline, CAS: 100-61-8

Signal: 1

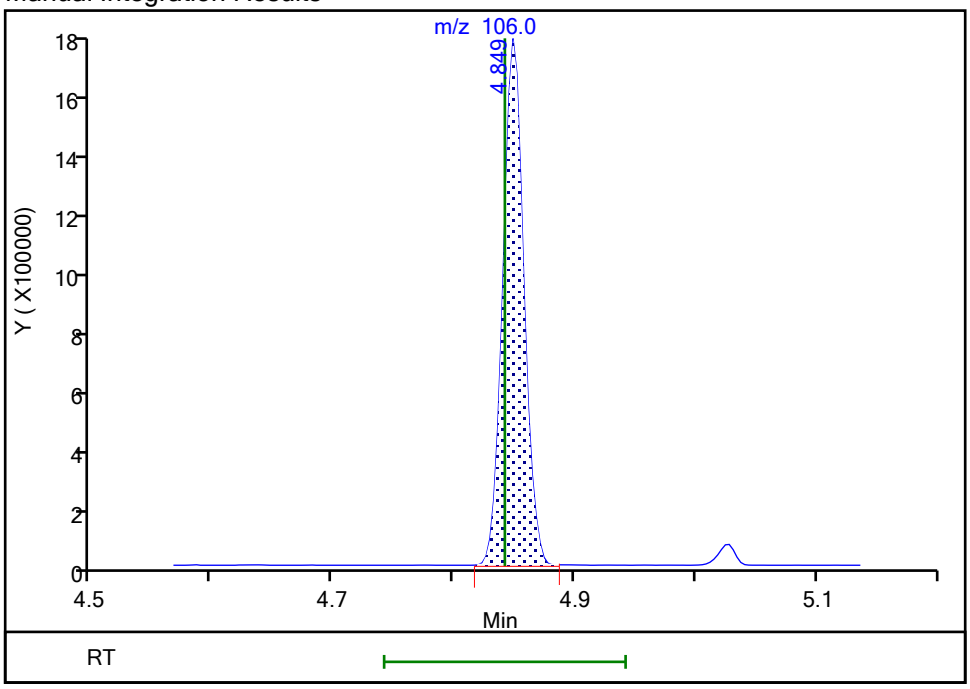
Not Detected
Expected RT: 4.84

Processing Integration Results




Manual Integration Results

RT: 4.85
Area: 2078849
Amount: 25.349276
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 09:17:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

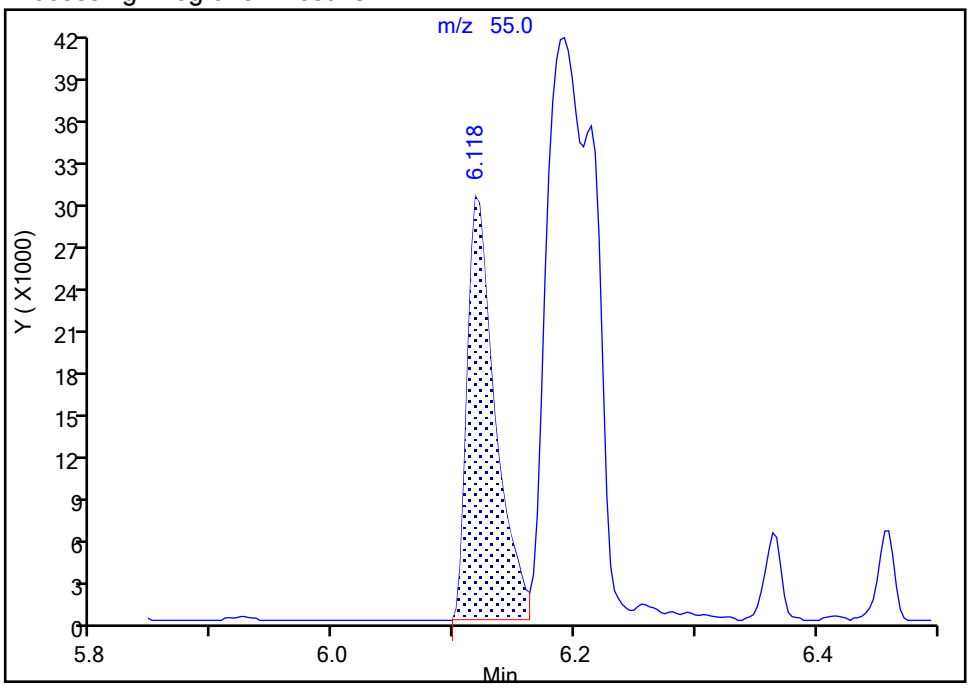
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94218.D
Injection Date: 11-Aug-2025 08:44:30 Instrument ID: CBNAMS18
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 44 Caprolactam, CAS: 105-60-2

Signal: 1

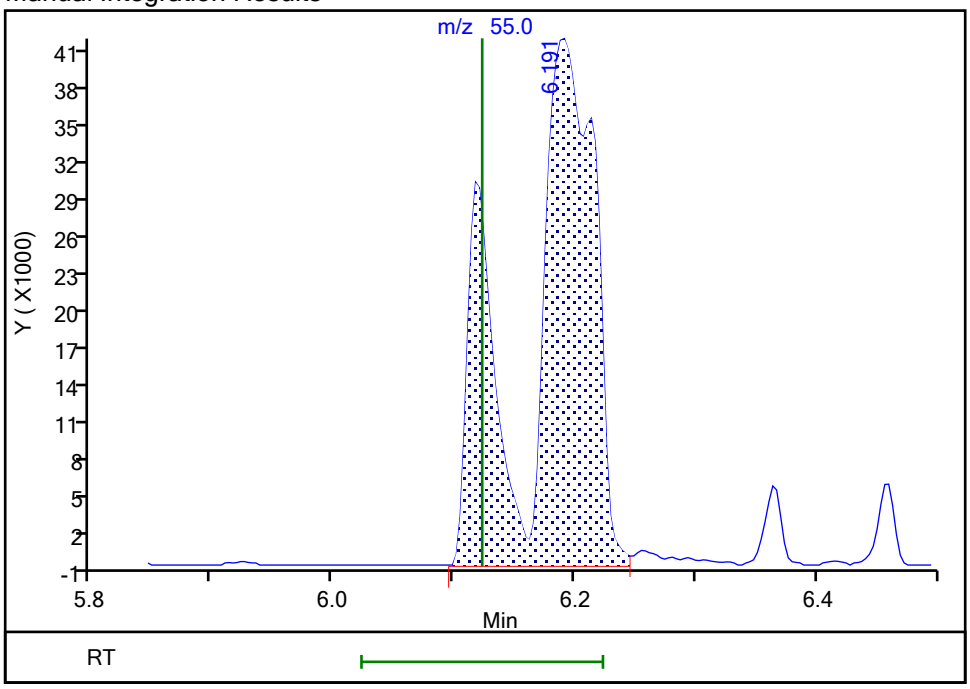
Processing Integration Results

RT: 6.12
Area: 48712
Amount: 6.400000
Amount Units: ug/ml




Manual Integration Results

RT: 6.19
Area: 162887
Amount: 7.811277
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 09:16:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

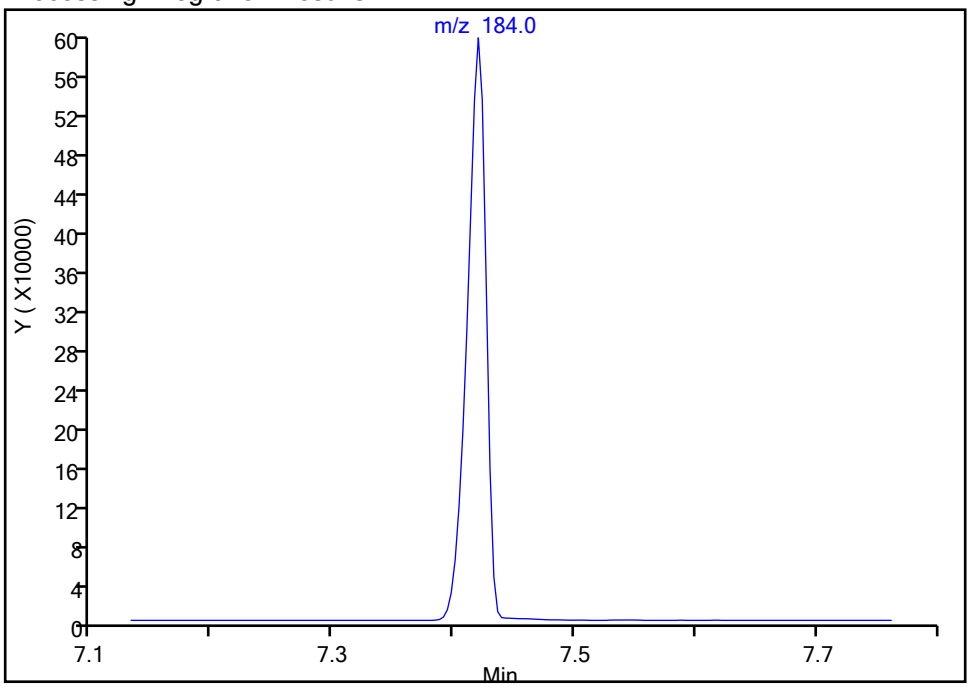
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94218.D
Injection Date: 11-Aug-2025 08:44:30 Instrument ID: CBNAMS18
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

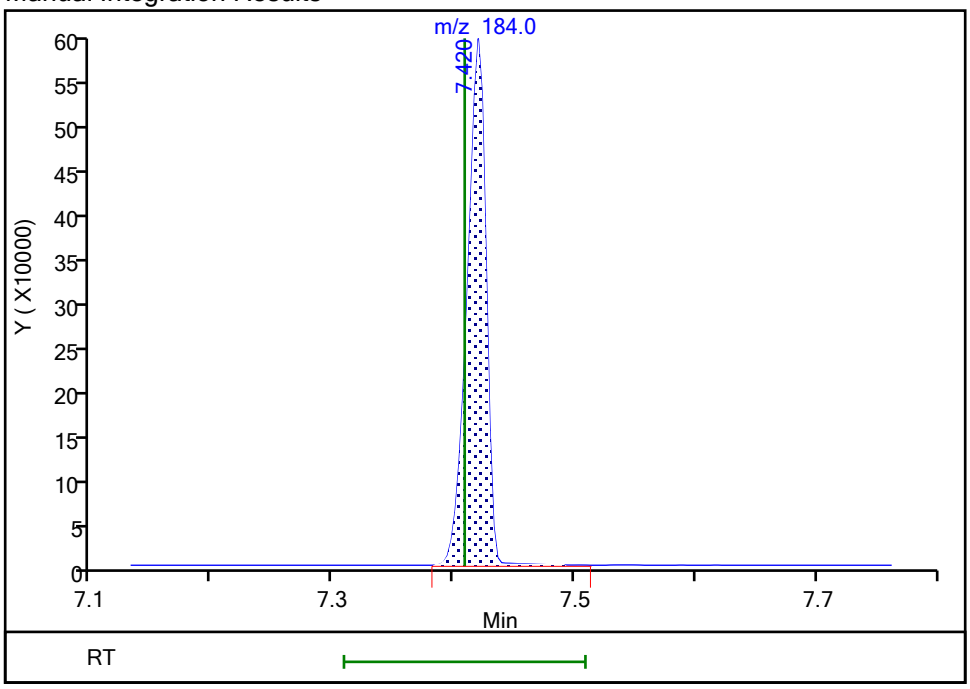
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.42
Area: 642984
Amount: 46.826567
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 09:16:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94219.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 11-Aug-2025 09:05:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-004
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:15 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 09:30:57

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.984 | 1.984 | 0.000 | 97 | 366799 | 16.0 | 16.4 | |
| | 2 N-Nitrosodimethylamine | 74 | 2.186 | 2.182 | 0.004 | 85 | 606178 | 16.0 | 17.3 | |
| | 3 Pyridine | 79 | 2.218 | 2.217 | 0.001 | 91 | 2056219 | 32.0 | 37.0 | |
| $ | 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 92 | 532401 | 10.0 | 9.46 | |
| | 5 Benzaldehyde | 77 | 4.056 | 4.056 | 0.000 | 95 | 219834 | 4.80 | 4.43 | |
| $ | 6 Phenol-d5 | 99 | 4.107 | 4.101 | 0.006 | 0 | 673083 | 10.0 | 9.32 | |
| | 7 Phenol | 94 | 4.120 | 4.117 | 0.003 | 99 | 1139452 | 16.0 | 16.8 | |
| | 8 Aniline | 93 | 4.158 | 4.158 | 0.000 | 100 | 1459911 | 16.0 | 16.7 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 4.222 | 4.216 | 0.006 | 96 | 892335 | 16.0 | 16.2 | |
| | 10 Benzonitrile | 103 | 4.245 | 4.241 | 0.004 | 100 | 1781432 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 4.273 | 4.270 | 0.003 | 93 | 893931 | 16.0 | 16.9 | |
| | 12 n-Decane | 43 | 4.318 | 4.318 | 0.000 | 90 | 1006866 | 16.0 | 16.6 | |
| | 13 1,3-Dichlorobenzene | 146 | 4.420 | 4.420 | 0.000 | 93 | 936510 | 16.0 | 16.6 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 4.472 | 4.471 | 0.001 | 98 | 294584 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 4.491 | 4.487 | 0.004 | 92 | 950184 | 16.0 | 16.3 | |
| | 17 Benzyl alcohol | 108 | 4.599 | 4.596 | 0.003 | 91 | 546234 | 16.0 | 17.6 | |
| | 18 1,2-Dichlorobenzene | 146 | 4.631 | 4.631 | 0.000 | 93 | 904807 | 16.0 | 16.0 | |
| | 20 2-Methylphenol | 108 | 4.699 | 4.695 | 0.004 | 87 | 821062 | 16.0 | 16.8 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.731 | 4.727 | 0.003 | 92 | 1246217 | 16.0 | 16.8 | |
| | 22 N-Methylaniline | 106 | 4.846 | 4.842 | 0.004 | 91 | 1458555 | 16.0 | 16.9 | a |
| | 26 4-Methylphenol | 108 | 4.852 | 4.845 | 0.007 | 84 | 937167 | 16.0 | 17.1 | |
| | 25 3 & 4 Methylphenol | 108 | 4.852 | 4.845 | 0.007 | 0 | 959968 | 16.0 | 17.4 | |
| | 23 Acetophenone | 105 | 4.858 | 4.855 | 0.003 | 95 | 1331773 | 16.0 | 16.8 | |
| | 24 N-Nitrosodi-n-propylamine | 70 | 4.858 | 4.855 | 0.003 | 90 | 723839 | 16.0 | 17.6 | |
| | 27 Hexachloroethane | 117 | 4.954 | 4.954 | 0.000 | 92 | 368750 | 16.0 | 16.7 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.999 | 4.995 | 0.004 | 89 | 628322 | 10.0 | 9.36 | |
| | 29 Nitrobenzene | 123 | 5.018 | 5.018 | 0.000 | 94 | 444771 | 16.0 | 16.4 | |
| | 30 n,n'-Dimethylaniline | 120 | 5.021 | 5.018 | 0.003 | 98 | 1445331 | 16.0 | 17.0 | |
| | 31 Isophorone | 82 | 5.251 | 5.244 | 0.007 | 99 | 1833576 | 16.0 | 17.3 | |
| | 32 2-Nitrophenol | 139 | 5.319 | 5.315 | 0.003 | 86 | 480524 | 16.0 | 17.5 | |
| | 33 2,4-Dimethylphenol | 122 | 5.357 | 5.353 | 0.004 | 89 | 788030 | 16.0 | 17.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 5.453 | 5.449 | 0.004 | 98 | 1070417 | 16.0 | 16.7 | |
| 35 Benzoic acid | 122 | 5.485 | 5.455 | 0.030 | 89 | 540283 | 16.0 | 17.2 | |
| 36 2,4-Dichlorophenol | 162 | 5.546 | 5.542 | 0.004 | 93 | 665325 | 16.0 | 17.8 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.629 | 5.628 | 0.001 | 94 | 680951 | 16.0 | 16.6 | |
| * 38 Naphthalene-d8 | 136 | 5.683 | 5.682 | 0.001 | 100 | 1172890 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.705 | 5.705 | 0.000 | 99 | 2645564 | 16.0 | 16.7 | |
| 40 4-Chloroaniline | 127 | 5.757 | 5.753 | 0.004 | 95 | 1082959 | 16.0 | 17.6 | |
| 41 2,6-Dichlorophenol | 162 | 5.763 | 5.759 | 0.004 | 94 | 618708 | 16.0 | 16.6 | |
| 42 Hexachlorobutadiene | 225 | 5.824 | 5.823 | 0.001 | 91 | 357753 | 16.0 | 17.0 | |
| 44 Caprolactam | 55 | 6.156 | 6.123 | 0.033 | 90 | 113055 | 4.80 | 5.21 | M |
| 45 4-Chloro-3-methylphenol | 107 | 6.213 | 6.213 | 0.000 | 97 | 709936 | 16.0 | 17.4 | |
| 46 2-Methylnaphthalene | 142 | 6.364 | 6.363 | 0.001 | 85 | 1540691 | 16.0 | 16.5 | |
| 47 1-Methylnaphthalene | 142 | 6.457 | 6.456 | 0.001 | 93 | 1582790 | 16.0 | 16.6 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.514 | 6.513 | 0.001 | 96 | 505621 | 16.0 | 17.5 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.524 | 6.523 | 0.001 | 94 | 640994 | 16.0 | 17.8 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.553 | 6.552 | 0.001 | 89 | 1038458 | 16.0 | 17.5 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.629 | 6.628 | 0.001 | 85 | 432052 | 16.0 | 17.4 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.658 | 6.657 | 0.001 | 92 | 460311 | 16.0 | 17.6 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.713 | 6.712 | 0.001 | 97 | 1019352 | 10.0 | 9.52 | |
| 54 1,1'-Biphenyl | 154 | 6.809 | 6.807 | 0.002 | 96 | 1991802 | 16.0 | 17.6 | |
| 55 2-Chloronaphthalene | 162 | 6.825 | 6.823 | 0.002 | 97 | 1443259 | 16.0 | 17.2 | |
| 56 Phenyl ether | 170 | 6.908 | 6.910 | -0.002 | 91 | 977924 | 16.0 | 17.1 | |
| 57 2-Nitroaniline | 65 | 6.924 | 6.919 | 0.005 | 95 | 627129 | 16.0 | 17.1 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.033 | 7.034 | -0.001 | 92 | 1025466 | 16.0 | 16.7 | |
| 59 Dimethyl phthalate | 163 | 7.106 | 7.102 | 0.004 | 97 | 1547630 | 16.0 | 16.9 | |
| 60 Coumarin | 146 | 7.119 | 7.118 | 0.001 | 75 | 517006 | 16.0 | 16.3 | |
| 61 2,6-Dinitrotoluene | 165 | 7.157 | 7.153 | 0.004 | 91 | 347195 | 16.0 | 17.1 | |
| 62 Acenaphthylene | 152 | 7.218 | 7.217 | 0.001 | 97 | 2409304 | 16.0 | 17.2 | |
| 63 3-Nitroaniline | 138 | 7.314 | 7.309 | 0.005 | 92 | 412754 | 16.0 | 17.7 | |
| * 64 Acenaphthene-d10 | 164 | 7.352 | 7.351 | 0.001 | 96 | 546756 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.381 | 7.377 | 0.004 | 97 | 1178041 | 16.0 | 17.4 | |
| 65 Acenaphthene | 154 | 7.384 | 7.383 | 0.001 | 97 | 1402905 | 16.0 | 17.3 | |
| 67 2,4-Dinitrophenol | 184 | 7.413 | 7.409 | 0.004 | 89 | 471338 | 32.0 | 34.0 | a |
| 68 4-Nitrophenol | 65 | 7.471 | 7.466 | 0.005 | 94 | 708117 | 32.0 | 36.3 | |
| 69 2,4-Dinitrotoluene | 165 | 7.535 | 7.533 | 0.002 | 89 | 467332 | 16.0 | 17.9 | |
| 70 Dibenzofuran | 168 | 7.548 | 7.546 | 0.002 | 96 | 1981728 | 16.0 | 17.0 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.660 | 7.658 | 0.002 | 89 | 347475 | 16.0 | 17.7 | |
| 72 Diethyl phthalate | 149 | 7.778 | 7.776 | 0.002 | 97 | 1615903 | 16.0 | 16.9 | |
| 87 n-Octadecane | 57 | 7.797 | 7.799 | -0.002 | 95 | 1281575 | 16.0 | 17.9 | |
| 73 Fluorene | 166 | 7.871 | 7.872 | -0.001 | 94 | 1622027 | 16.0 | 17.0 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.874 | 7.872 | 0.002 | 86 | 667781 | 16.0 | 16.6 | |
| 75 4-Nitroaniline | 138 | 7.900 | 7.891 | 0.009 | 94 | 397420 | 16.0 | 17.9 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.925 | 7.920 | 0.005 | 81 | 546528 | 32.0 | 37.1 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.989 | 7.987 | 0.002 | 80 | 1122597 | 16.0 | 17.4 | |
| 131 Azobenzene | 77 | 8.028 | 8.026 | 0.002 | 99 | 1938783 | 16.0 | 17.6 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.028 | 8.026 | 0.002 | 51 | 1938106 | 16.0 | 18.2 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.098 | 8.096 | 0.002 | 93 | 136980 | 10.0 | 9.21 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.338 | 8.336 | 0.002 | 80 | 376889 | 16.0 | 17.0 | |
| 82 Hexachlorobenzene | 284 | 8.392 | 8.390 | 0.002 | 99 | 422973 | 16.0 | 17.7 | |
| 83 Atrazine | 200 | 8.494 | 8.496 | -0.002 | 87 | 117425 | 4.80 | 5.54 | |
| 84 Pentachlorophenol | 266 | 8.578 | 8.576 | 0.002 | 92 | 593074 | 32.0 | 36.9 | |
| 85 Pentachloronitrobenzene | 237 | 8.590 | 8.592 | -0.002 | 85 | 123359 | 16.0 | 17.1 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.757 | 8.758 | -0.001 | 99 | 887887 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.783 | 8.780 | 0.003 | 99 | 2071598 | 16.0 | 16.9 | |
| 90 Anthracene | 178 | 8.831 | 8.828 | 0.003 | 98 | 2150966 | 16.0 | 17.0 | |
| 91 Carbazole | 167 | 8.981 | 8.979 | 0.002 | 96 | 1901593 | 16.0 | 17.1 | |
| 92 Di-n-butyl phthalate | 149 | 9.326 | 9.327 | -0.001 | 99 | 2341250 | 16.0 | 18.1 | |
| 93 Fluoranthene | 202 | 9.907 | 9.908 | -0.001 | 97 | 1913940 | 16.0 | 17.2 | |
| 94 Benzidine | 184 | 10.035 | 10.036 | -0.001 | 99 | 1111171 | 16.0 | 16.6 | |
| 95 Pyrene | 202 | 10.121 | 10.122 | -0.001 | 96 | 1934486 | 16.0 | 17.7 | |
| 96 Bisphenol-A | 213 | 10.173 | 10.170 | 0.002 | 97 | 565645 | 16.0 | 14.9 | |
| $ 97 Terphenyl-d14 | 244 | 10.278 | 10.282 | -0.004 | 98 | 840812 | 10.0 | 9.44 | |
| 98 Butyl benzyl phthalate | 149 | 10.796 | 10.796 | 0.000 | 97 | 860840 | 16.0 | 19.4 | |
| 100 Carbamazepine | 193 | 10.899 | 10.895 | 0.004 | 92 | 612327 | 16.0 | 17.1 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.371 | 11.371 | 0.000 | 99 | 585903 | 16.0 | 19.8 | |
| 102 Benzo[a]anthracene | 228 | 11.394 | 11.394 | 0.000 | 100 | 1510950 | 16.0 | 18.0 | |
| * 103 Chrysene-d12 | 240 | 11.407 | 11.407 | 0.000 | 98 | 506390 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.439 | 11.439 | 0.000 | 97 | 1384685 | 16.0 | 17.4 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.471 | 11.474 | -0.003 | 89 | 1289199 | 16.0 | 17.2 | |
| 106 Di-n-octyl phthalate | 149 | 12.327 | 12.330 | -0.003 | 97 | 1936720 | 16.0 | 16.8 | |
| 107 Benzo[b]fluoranthene | 252 | 12.787 | 12.787 | 0.000 | 98 | 1319595 | 16.0 | 18.1 | |
| 108 Benzo[k]fluoranthene | 252 | 12.829 | 12.828 | 0.001 | 99 | 1387617 | 16.0 | 18.2 | |
| 109 Benzo[a]pyrene | 252 | 13.241 | 13.240 | 0.001 | 98 | 1232002 | 16.0 | 18.4 | |
| * 110 Perylene-d12 | 264 | 13.318 | 13.320 | -0.002 | 97 | 495196 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.918 | 14.917 | 0.001 | 98 | 1185606 | 16.0 | 19.2 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.966 | 14.965 | 0.001 | 97 | 1175635 | 16.0 | 18.9 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.366 | 15.362 | 0.004 | 95 | 1131527 | 16.0 | 18.6 | |
| S 115 Total Cresols | 1 | | | | 0 | | | 34.2 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SV_BNAL8_LVI_00009 Amount Added: 1.00 Units: mL

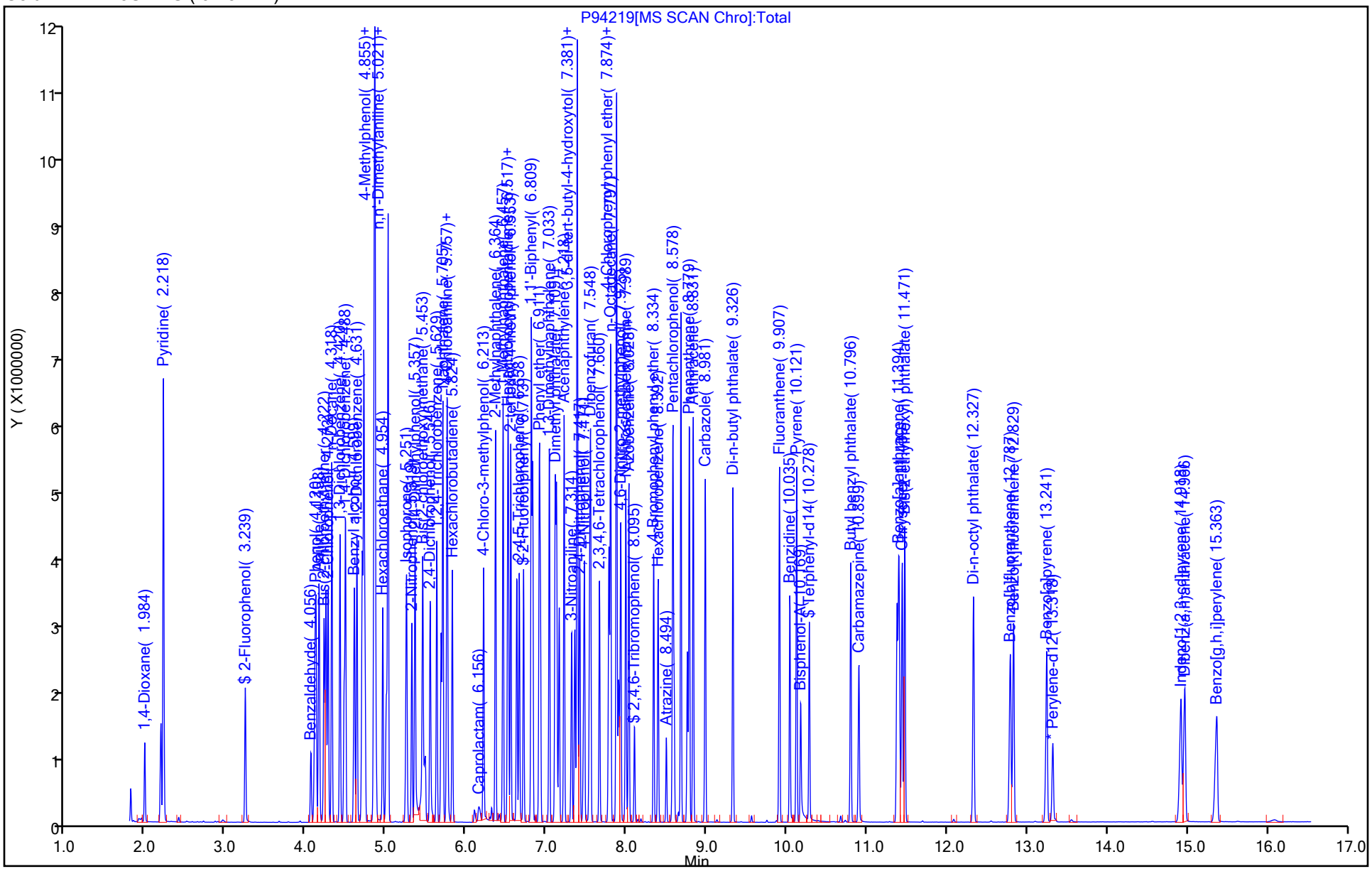
Report Date: 11-Aug-2025 12:47:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94219.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Aug-2025 09:05:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | STD16 | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

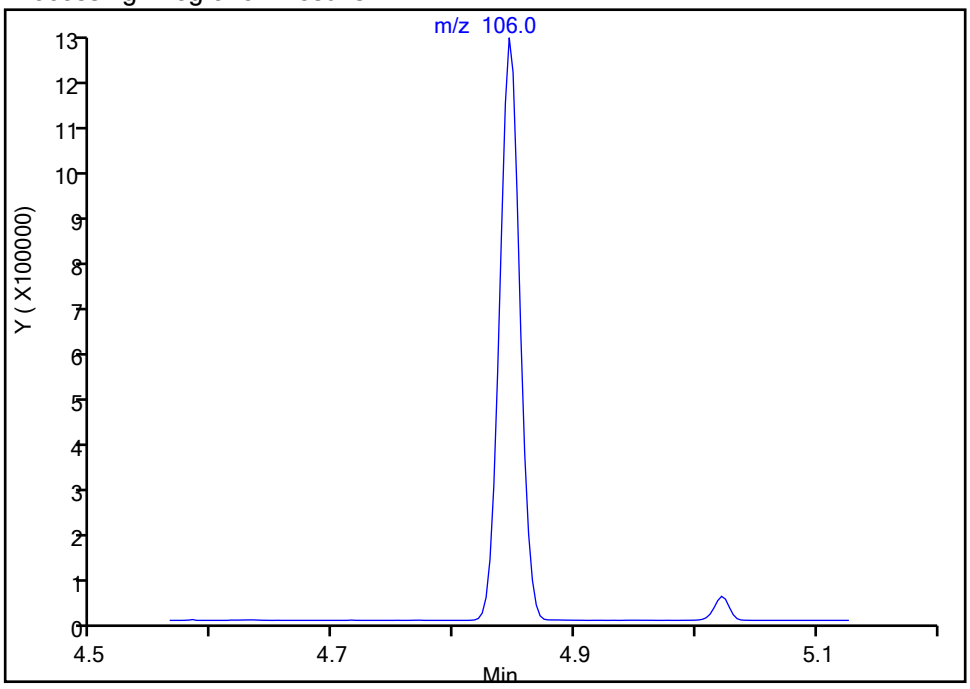
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94219.D
Injection Date: 11-Aug-2025 09:05:30 Instrument ID: CBNAMS18
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Methylaniline, CAS: 100-61-8

Signal: 1

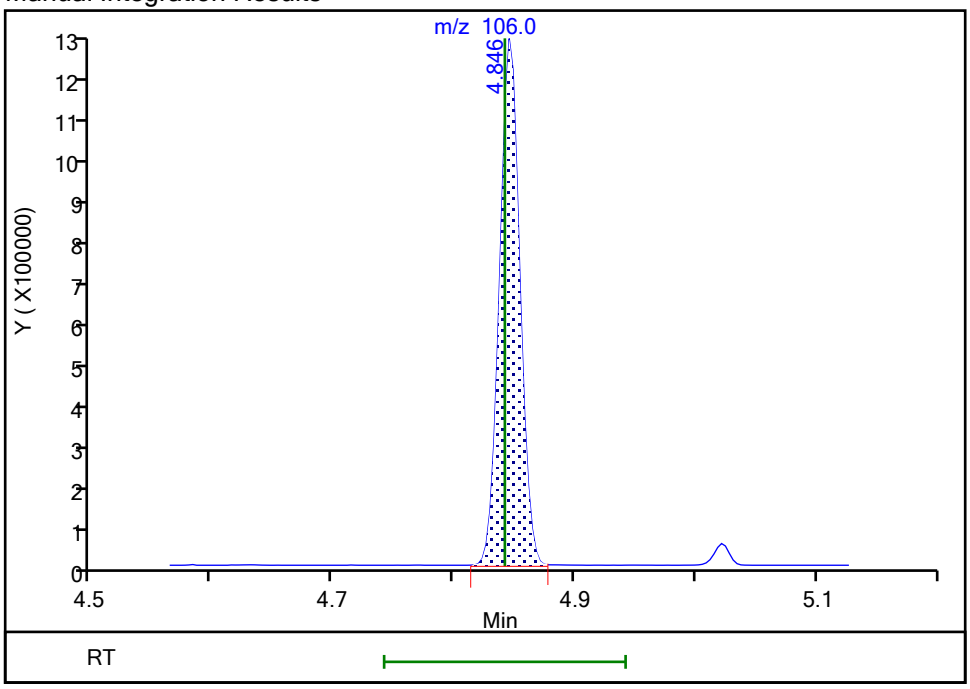
Not Detected
Expected RT: 4.84

Processing Integration Results




Manual Integration Results

RT: 4.85
Area: 1458555
Amount: 16.932799
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 09:30:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

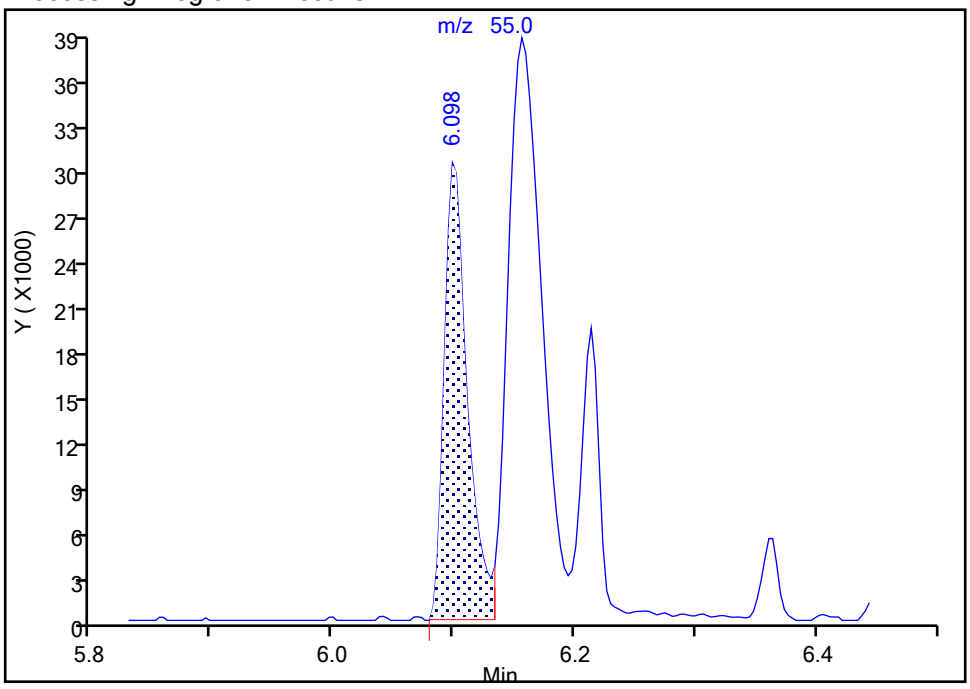
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94219.D
Injection Date: 11-Aug-2025 09:05:30 Instrument ID: CBNAMS18
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 44 Caprolactam, CAS: 105-60-2

Signal: 1

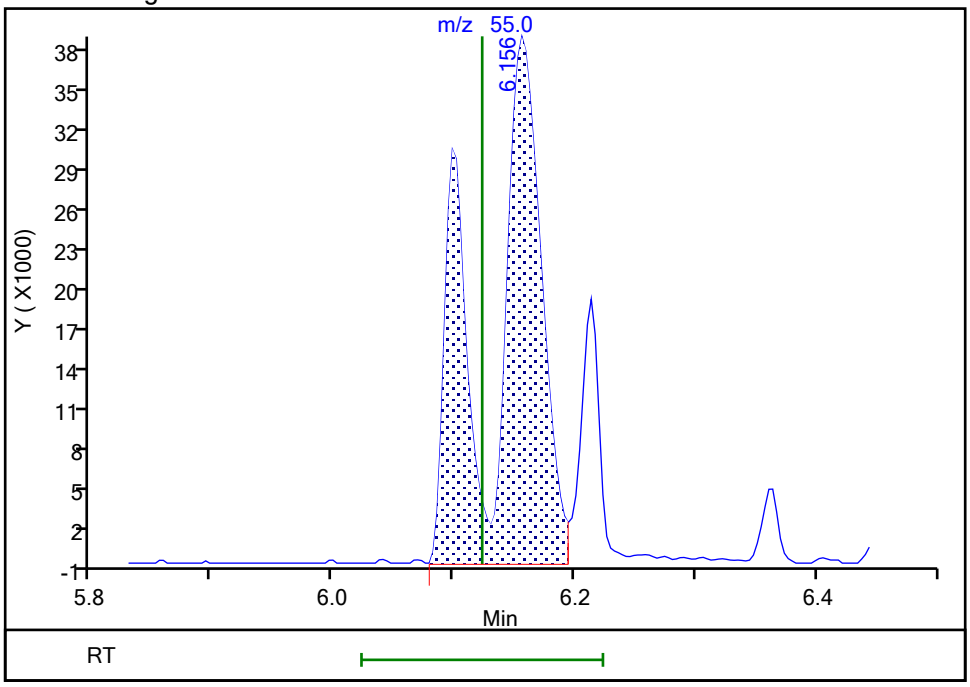
Processing Integration Results

RT: 6.10
Area: 40279
Amount: 2.102405
Amount Units: ug/ml




Manual Integration Results

RT: 6.16
Area: 113055
Amount: 5.213843
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 09:30:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

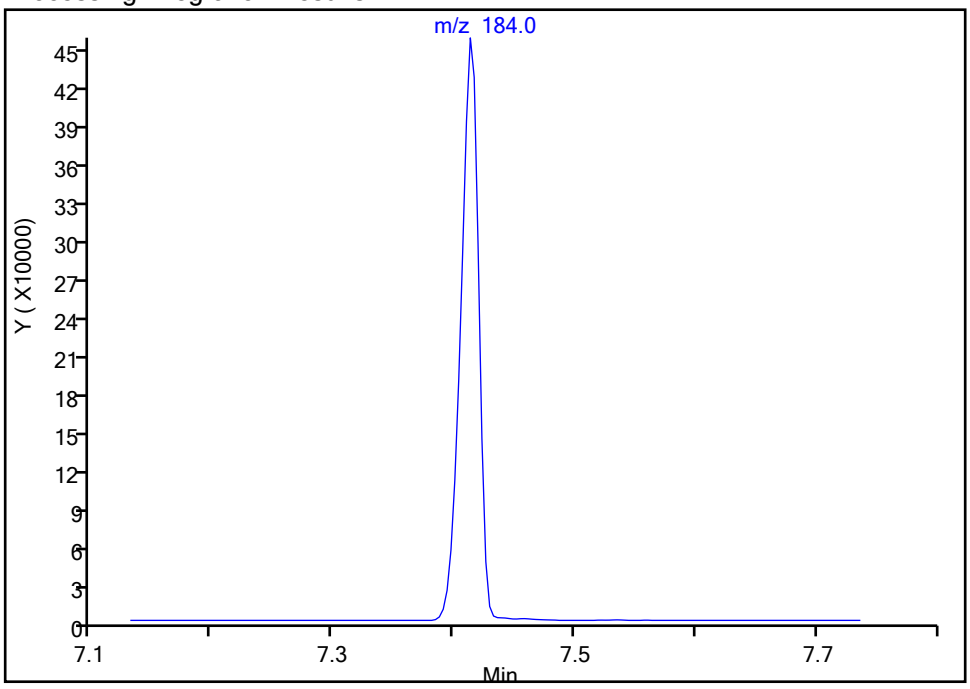
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94219.D
Injection Date: 11-Aug-2025 09:05:30 Instrument ID: CBNAMS18
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

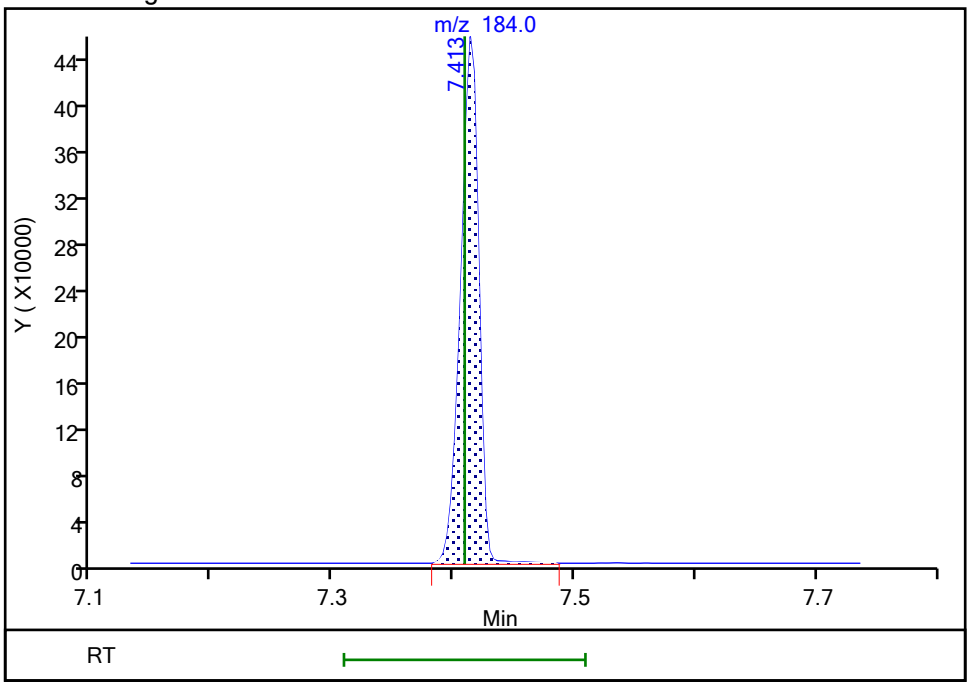
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.41
Area: 471338
Amount: 33.957218
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 09:30:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94220.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 11-Aug-2025 09:26:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-005
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:19 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 09:47:08

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.984 | 1.984 | 0.000 | 98 | 87000 | 4.00 | 3.79 | |
| | 2 N-Nitrosodimethylamine | 74 | 2.179 | 2.182 | -0.003 | 84 | 141442 | 4.00 | 3.92 | |
| | 3 Pyridine | 79 | 2.217 | 2.217 | 0.000 | 90 | 482885 | 8.00 | 8.42 | |
| $ | 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 93 | 570588 | 10.0 | 9.84 | |
| | 5 Benzaldehyde | 77 | 4.056 | 4.056 | 0.000 | 95 | 160107 | 3.20 | 3.13 | |
| $ | 6 Phenol-d5 | 99 | 4.097 | 4.101 | -0.004 | 0 | 733740 | 10.0 | 9.85 | |
| | 7 Phenol | 94 | 4.110 | 4.117 | -0.007 | 99 | 259964 | 4.00 | 3.72 | |
| | 8 Aniline | 93 | 4.155 | 4.158 | -0.003 | 100 | 351589 | 4.00 | 3.90 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 4.212 | 4.216 | -0.004 | 95 | 212071 | 4.00 | 3.74 | |
| | 10 Benzonitrile | 103 | 4.235 | 4.241 | -0.006 | 99 | 431259 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 4.267 | 4.270 | -0.003 | 93 | 211162 | 4.00 | 3.88 | |
| | 12 n-Decane | 43 | 4.315 | 4.318 | -0.003 | 90 | 243038 | 4.00 | 3.88 | |
| | 13 1,3-Dichlorobenzene | 146 | 4.417 | 4.420 | -0.003 | 93 | 225973 | 4.00 | 3.88 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 4.471 | 4.471 | 0.000 | 98 | 303768 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 4.487 | 4.487 | 0.000 | 92 | 228883 | 4.00 | 3.81 | |
| | 17 Benzyl alcohol | 108 | 4.589 | 4.596 | -0.007 | 91 | 124151 | 4.00 | 3.89 | |
| | 18 1,2-Dichlorobenzene | 146 | 4.631 | 4.631 | 0.000 | 93 | 215525 | 4.00 | 3.71 | |
| | 20 2-Methylphenol | 108 | 4.692 | 4.695 | -0.003 | 87 | 196892 | 4.00 | 3.92 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.724 | 4.727 | -0.003 | 92 | 302743 | 4.00 | 3.97 | |
| | 22 N-Methylaniline | 106 | 4.839 | 4.842 | -0.003 | 75 | 354640 | 4.00 | 3.99 | |
| | 26 4-Methylphenol | 108 | 4.839 | 4.845 | -0.006 | 81 | 221986 | 4.00 | 3.92 | |
| | 25 3 & 4 Methylphenol | 108 | 4.839 | 4.845 | -0.006 | 0 | 224506 | 4.00 | 3.94 | |
| | 23 Acetophenone | 105 | 4.848 | 4.855 | -0.007 | 91 | 318878 | 4.00 | 3.90 | |
| | 24 N-Nitrosodi-n-propylamine | 70 | 4.848 | 4.855 | -0.007 | 89 | 174302 | 4.00 | 4.11 | |
| | 27 Hexachloroethane | 117 | 4.950 | 4.954 | -0.004 | 91 | 89359 | 4.00 | 3.94 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.992 | 4.995 | -0.003 | 89 | 691337 | 10.0 | 9.90 | |
| | 29 Nitrobenzene | 123 | 5.011 | 5.018 | -0.007 | 92 | 109649 | 4.00 | 3.91 | |
| | 30 n,n'-Dimethylaniline | 120 | 5.014 | 5.018 | -0.004 | 94 | 345717 | 4.00 | 3.95 | |
| | 31 Isophorone | 82 | 5.238 | 5.244 | -0.006 | 99 | 446713 | 4.00 | 4.06 | |
| | 32 2-Nitrophenol | 139 | 5.311 | 5.315 | -0.004 | 86 | 116070 | 4.00 | 4.07 | |
| | 33 2,4-Dimethylphenol | 122 | 5.350 | 5.353 | -0.003 | 89 | 181649 | 4.00 | 3.94 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 5.446 | 5.449 | -0.003 | 98 | 261669 | 4.00 | 3.94 | |
| 35 Benzoic acid | 122 | 5.417 | 5.455 | -0.038 | 88 | 98421 | 4.00 | 3.51 | |
| 36 2,4-Dichlorophenol | 162 | 5.541 | 5.542 | -0.001 | 93 | 160183 | 4.00 | 4.11 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.624 | 5.628 | -0.004 | 94 | 166882 | 4.00 | 3.92 | |
| * 38 Naphthalene-d8 | 136 | 5.679 | 5.682 | -0.003 | 100 | 1219723 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.701 | 5.705 | -0.004 | 99 | 639923 | 4.00 | 3.88 | |
| 40 4-Chloroaniline | 127 | 5.749 | 5.753 | -0.004 | 96 | 262513 | 4.00 | 4.11 | |
| 41 2,6-Dichlorophenol | 162 | 5.756 | 5.759 | -0.003 | 91 | 143956 | 4.00 | 3.72 | |
| 42 Hexachlorobutadiene | 225 | 5.819 | 5.823 | -0.004 | 92 | 87073 | 4.00 | 3.98 | |
| 44 Caprolactam | 55 | 6.059 | 6.123 | -0.064 | 91 | 72060 | 3.20 | 3.20 | |
| 45 4-Chloro-3-methylphenol | 107 | 6.206 | 6.213 | -0.007 | 97 | 177096 | 4.00 | 4.17 | |
| 46 2-Methylnaphthalene | 142 | 6.359 | 6.363 | -0.004 | 84 | 372008 | 4.00 | 3.84 | |
| 47 1-Methylnaphthalene | 142 | 6.452 | 6.456 | -0.004 | 93 | 387650 | 4.00 | 3.92 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.509 | 6.513 | -0.004 | 95 | 123309 | 4.00 | 3.88 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.519 | 6.523 | -0.004 | 95 | 150923 | 4.00 | 3.81 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.548 | 6.552 | -0.004 | 90 | 252218 | 4.00 | 4.08 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.625 | 6.628 | -0.003 | 86 | 107199 | 4.00 | 3.94 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.653 | 6.657 | -0.004 | 92 | 110541 | 4.00 | 3.84 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.711 | 6.712 | -0.001 | 97 | 1156941 | 10.0 | 9.83 | |
| 54 1,1'-Biphenyl | 154 | 6.804 | 6.807 | -0.003 | 97 | 480645 | 4.00 | 3.86 | |
| 55 2-Chloronaphthalene | 162 | 6.820 | 6.823 | -0.003 | 97 | 354820 | 4.00 | 3.84 | |
| 56 Phenyl ether | 170 | 6.906 | 6.910 | -0.004 | 91 | 239845 | 4.00 | 3.81 | |
| 57 2-Nitroaniline | 65 | 6.912 | 6.919 | -0.007 | 94 | 157455 | 4.00 | 3.91 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.030 | 7.034 | -0.004 | 90 | 258233 | 4.00 | 3.83 | |
| 59 Dimethyl phthalate | 163 | 7.094 | 7.102 | -0.008 | 97 | 398328 | 4.00 | 3.95 | |
| 60 Coumarin | 146 | 7.110 | 7.118 | -0.008 | 77 | 132398 | 4.00 | 4.02 | |
| 61 2,6-Dinitrotoluene | 165 | 7.146 | 7.153 | -0.007 | 89 | 89025 | 4.00 | 3.99 | |
| 62 Acenaphthylene | 152 | 7.213 | 7.217 | -0.004 | 97 | 607167 | 4.00 | 3.95 | |
| 63 3-Nitroaniline | 138 | 7.302 | 7.309 | -0.007 | 93 | 105527 | 4.00 | 4.11 | |
| * 64 Acenaphthene-d10 | 164 | 7.347 | 7.351 | -0.004 | 97 | 600656 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.372 | 7.377 | -0.005 | 97 | 290264 | 4.00 | 3.91 | |
| 65 Acenaphthene | 154 | 7.379 | 7.383 | -0.004 | 96 | 343295 | 4.00 | 3.86 | |
| 67 2,4-Dinitrophenol | 184 | 7.401 | 7.409 | -0.008 | 87 | 107480 | 8.00 | 7.84 | a |
| 68 4-Nitrophenol | 65 | 7.456 | 7.466 | -0.010 | 95 | 181523 | 8.00 | 8.46 | |
| 69 2,4-Dinitrotoluene | 165 | 7.526 | 7.533 | -0.007 | 92 | 121715 | 4.00 | 4.24 | |
| 70 Dibenzofuran | 168 | 7.542 | 7.546 | -0.004 | 95 | 497980 | 4.00 | 3.89 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.654 | 7.658 | -0.004 | 88 | 86189 | 4.00 | 3.99 | |
| 72 Diethyl phthalate | 149 | 7.769 | 7.776 | -0.007 | 97 | 429245 | 4.00 | 4.09 | |
| 87 n-Octadecane | 57 | 7.794 | 7.799 | -0.005 | 96 | 310986 | 4.00 | 3.86 | |
| 73 Fluorene | 166 | 7.865 | 7.872 | -0.007 | 95 | 409940 | 4.00 | 3.92 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.868 | 7.872 | -0.004 | 84 | 173304 | 4.00 | 3.92 | |
| 75 4-Nitroaniline | 138 | 7.878 | 7.891 | -0.013 | 95 | 100886 | 4.00 | 4.14 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.913 | 7.920 | -0.007 | 80 | 140998 | 8.00 | 8.53 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.980 | 7.987 | -0.007 | 79 | 284329 | 4.00 | 3.91 | |
| 131 Azobenzene | 77 | 8.018 | 8.026 | -0.008 | 99 | 484765 | 4.00 | 3.92 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.018 | 8.026 | -0.008 | 51 | 483226 | 4.00 | 4.04 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.092 | 8.096 | -0.004 | 93 | 161690 | 10.0 | 9.90 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.331 | 8.336 | -0.005 | 79 | 97267 | 4.00 | 3.90 | |
| 82 Hexachlorobenzene | 284 | 8.386 | 8.390 | -0.004 | 99 | 107802 | 4.00 | 4.02 | |
| 83 Atrazine | 200 | 8.488 | 8.496 | -0.008 | 88 | 77909 | 3.20 | 3.27 | |
| 84 Pentachlorophenol | 266 | 8.571 | 8.576 | -0.005 | 91 | 149237 | 8.00 | 8.28 | |
| 85 Pentachloronitrobenzene | 237 | 8.587 | 8.592 | -0.005 | 84 | 32991 | 4.00 | 4.08 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.753 | 8.758 | -0.005 | 99 | 997372 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.776 | 8.780 | -0.004 | 98 | 539098 | 4.00 | 3.91 | |
| 90 Anthracene | 178 | 8.824 | 8.828 | -0.004 | 98 | 548962 | 4.00 | 3.87 | |
| 91 Carbazole | 167 | 8.974 | 8.979 | -0.005 | 96 | 497138 | 4.00 | 3.98 | |
| 92 Di-n-butyl phthalate | 149 | 9.322 | 9.327 | -0.005 | 99 | 585490 | 4.00 | 4.03 | |
| 93 Fluoranthene | 202 | 9.900 | 9.908 | -0.008 | 97 | 495494 | 4.00 | 3.95 | |
| 94 Benzidine | 184 | 10.031 | 10.036 | -0.005 | 99 | 291313 | 4.00 | 4.42 | |
| 95 Pyrene | 202 | 10.114 | 10.122 | -0.008 | 96 | 515793 | 4.00 | 3.89 | |
| 96 Bisphenol-A | 213 | 10.165 | 10.170 | -0.005 | 98 | 110930 | 4.00 | 3.22 | |
| $ 97 Terphenyl-d14 | 244 | 10.277 | 10.282 | -0.005 | 97 | 1046132 | 10.0 | 9.69 | |
| 98 Butyl benzyl phthalate | 149 | 10.788 | 10.796 | -0.008 | 96 | 213529 | 4.00 | 3.97 | |
| 100 Carbamazepine | 193 | 10.887 | 10.895 | -0.008 | 92 | 136206 | 4.00 | 3.87 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.363 | 11.371 | -0.008 | 99 | 150693 | 4.00 | 4.19 | |
| 102 Benzo[a]anthracene | 228 | 11.385 | 11.394 | -0.009 | 99 | 408682 | 4.00 | 4.00 | |
| * 103 Chrysene-d12 | 240 | 11.398 | 11.407 | -0.009 | 99 | 613787 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.430 | 11.439 | -0.009 | 98 | 374795 | 4.00 | 3.88 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.469 | 11.474 | -0.005 | 89 | 315049 | 4.00 | 3.84 | |
| 106 Di-n-octyl phthalate | 149 | 12.324 | 12.330 | -0.006 | 97 | 451697 | 4.00 | 3.78 | |
| 107 Benzo[b]fluoranthene | 252 | 12.775 | 12.787 | -0.012 | 98 | 347172 | 4.00 | 4.07 | |
| 108 Benzo[k]fluoranthene | 252 | 12.813 | 12.828 | -0.015 | 99 | 369149 | 4.00 | 4.13 | |
| 109 Benzo[a]pyrene | 252 | 13.232 | 13.240 | -0.008 | 96 | 326778 | 4.00 | 4.17 | |
| * 110 Perylene-d12 | 264 | 13.315 | 13.320 | -0.005 | 97 | 580469 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.899 | 14.917 | -0.018 | 97 | 304386 | 4.00 | 4.21 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.947 | 14.965 | -0.018 | 96 | 305505 | 4.00 | 4.19 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.340 | 15.362 | -0.022 | 95 | 294239 | 4.00 | 4.12 | |
| S 115 Total Cresols | 1 | | | | 0 | | | 7.85 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL6_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:47:22 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94220.D

Injection Date: 11-Aug-2025 09:26:30 Instrument ID: CBNAMS18 Operator ID:

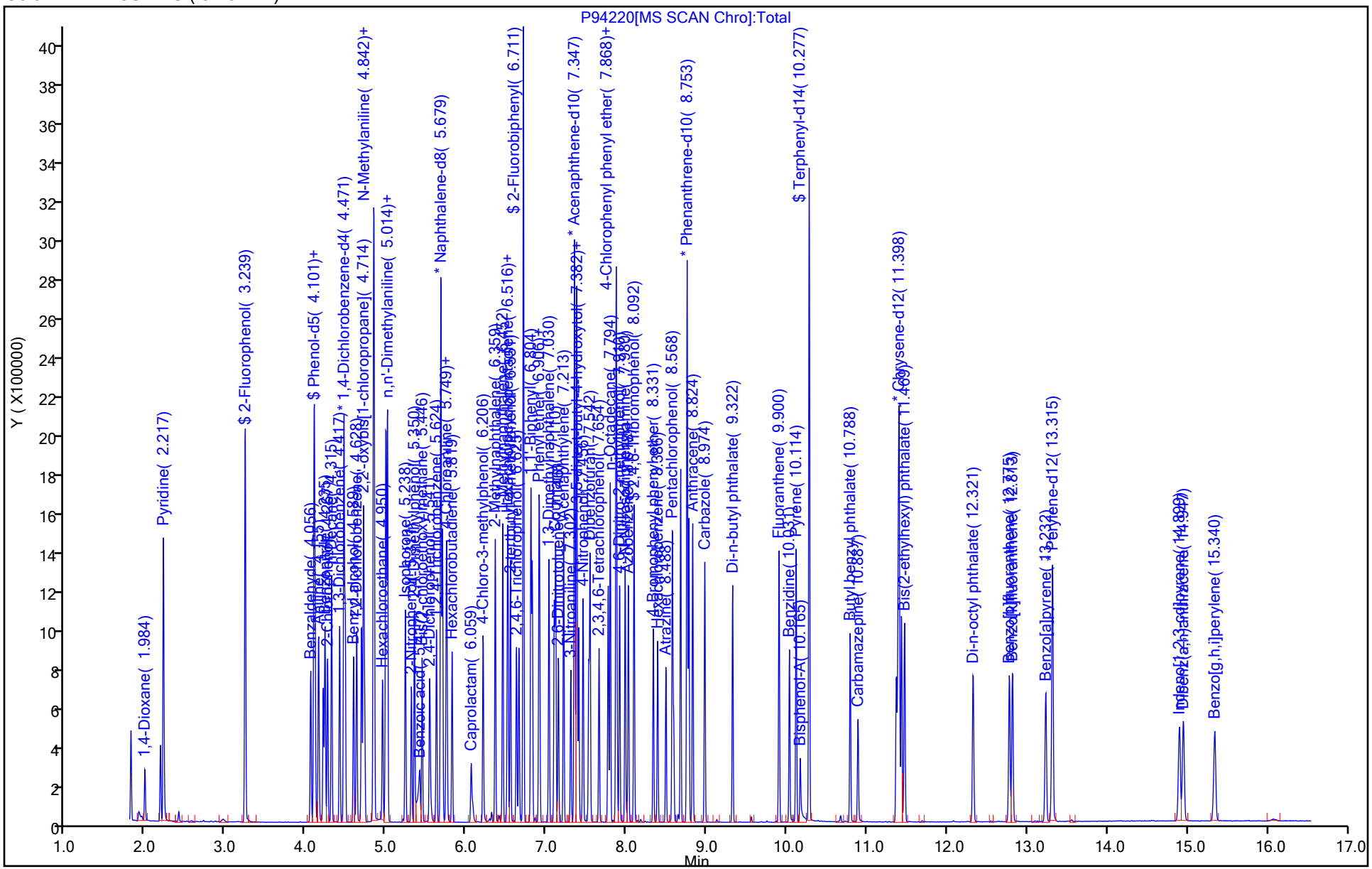
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

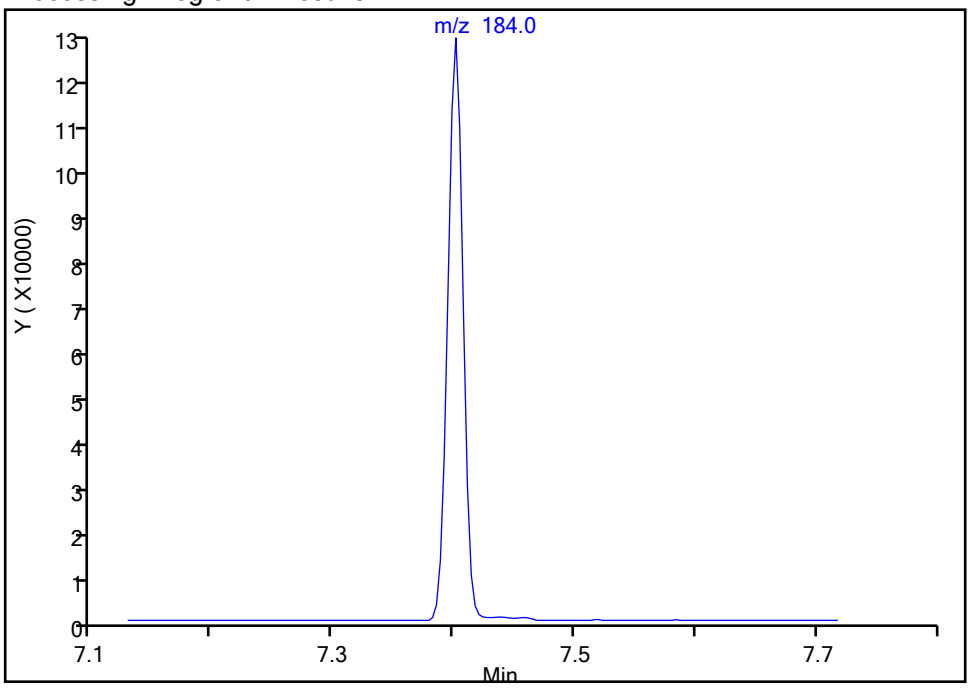
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94220.D
Injection Date: 11-Aug-2025 09:26:30 Instrument ID: CBNAMS18
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

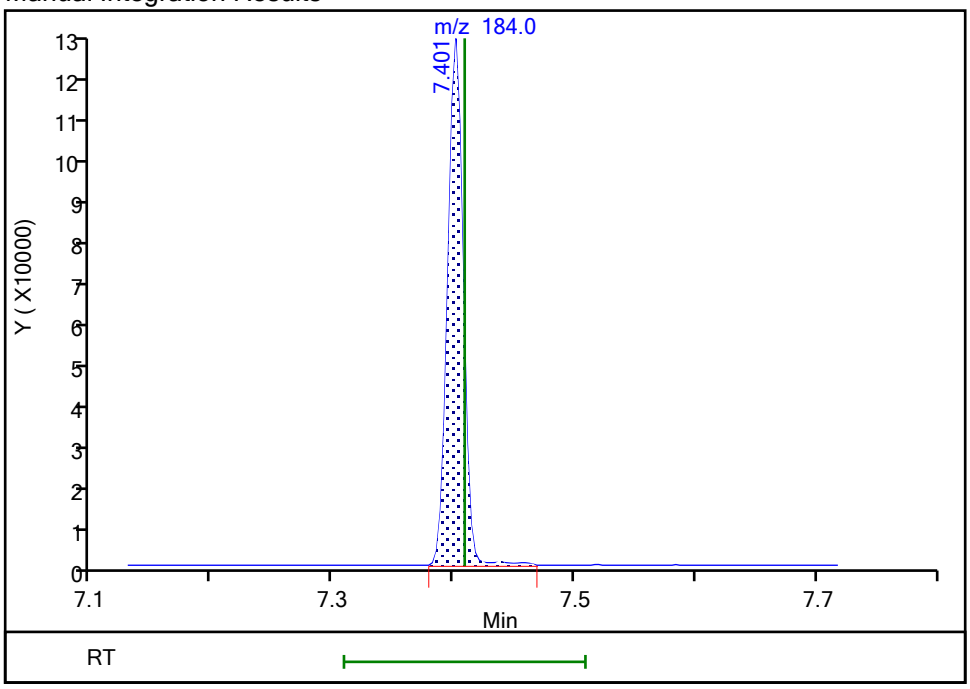
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.40
Area: 107480
Amount: 7.843057
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 09:46:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 11-Aug-2025 12:47:28 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94221.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 11-Aug-2025 09:48:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-006
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:26 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 10:17:13

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.994 | 1.984 | 0.010 | 95 | 47571 | 2.00 | 2.00 | |
| | 2 N-Nitrosodimethylamine | 74 | 2.185 | 2.182 | 0.003 | 86 | 74008 | 2.00 | 1.98 | |
| | 3 Pyridine | 79 | 2.224 | 2.217 | 0.007 | 91 | 248859 | 4.00 | 4.20 | |
| $ | 4 2-Fluorophenol | 112 | 3.242 | 3.239 | 0.003 | 92 | 611755 | 10.0 | 10.2 | |
| | 5 Benzaldehyde | 77 | 4.056 | 4.056 | 0.000 | 95 | 105074 | 2.00 | 1.99 | |
| $ | 6 Phenol-d5 | 99 | 4.097 | 4.101 | -0.004 | 0 | 795485 | 10.0 | 10.3 | |
| | 7 Phenol | 94 | 4.110 | 4.117 | -0.007 | 99 | 138225 | 2.00 | 1.91 | |
| | 8 Aniline | 93 | 4.155 | 4.158 | -0.003 | 99 | 181015 | 2.00 | 1.94 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 4.212 | 4.216 | -0.004 | 95 | 109703 | 2.00 | 1.87 | |
| | 10 Benzonitrile | 103 | 4.231 | 4.241 | -0.010 | 99 | 230012 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 4.267 | 4.270 | -0.003 | 93 | 109587 | 2.00 | 1.95 | |
| | 12 n-Decane | 43 | 4.318 | 4.318 | 0.000 | 90 | 128950 | 2.00 | 1.99 | |
| | 13 1,3-Dichlorobenzene | 146 | 4.417 | 4.420 | -0.003 | 93 | 121559 | 2.00 | 2.02 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 4.471 | 4.471 | 0.000 | 98 | 314206 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 4.487 | 4.487 | 0.000 | 95 | 119974 | 2.00 | 1.93 | |
| | 17 Benzyl alcohol | 108 | 4.589 | 4.596 | -0.007 | 93 | 66204 | 2.00 | 2.00 | |
| | 18 1,2-Dichlorobenzene | 146 | 4.631 | 4.631 | 0.000 | 94 | 113573 | 2.00 | 1.89 | |
| | 20 2-Methylphenol | 108 | 4.688 | 4.695 | -0.007 | 86 | 101808 | 2.00 | 1.96 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.723 | 4.727 | -0.004 | 92 | 151697 | 2.00 | 1.92 | |
| | 22 N-Methylaniline | 106 | 4.838 | 4.842 | -0.004 | 81 | 182084 | 2.00 | 1.98 | |
| | 26 4-Methylphenol | 108 | 4.838 | 4.845 | -0.007 | 82 | 114991 | 2.00 | 1.96 | |
| | 25 3 & 4 Methylphenol | 108 | 4.838 | 4.845 | -0.007 | 0 | 114991 | 2.00 | 1.95 | |
| | 23 Acetophenone | 105 | 4.848 | 4.855 | -0.007 | 90 | 167195 | 2.00 | 1.98 | |
| | 24 N-Nitrosodi-n-propylamine | 70 | 4.845 | 4.855 | -0.010 | 90 | 90363 | 2.00 | 2.06 | |
| | 27 Hexachloroethane | 117 | 4.950 | 4.954 | -0.004 | 90 | 44016 | 2.00 | 1.87 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.992 | 4.995 | -0.003 | 89 | 740878 | 10.0 | 10.0 | |
| | 29 Nitrobenzene | 123 | 5.011 | 5.018 | -0.007 | 92 | 55550 | 2.00 | 1.92 | |
| | 30 n,n'-Dimethylaniline | 120 | 5.014 | 5.018 | -0.004 | 96 | 181135 | 2.00 | 2.00 | |
| | 31 Isophorone | 82 | 5.234 | 5.244 | -0.010 | 99 | 225638 | 2.00 | 1.94 | |
| | 32 2-Nitrophenol | 139 | 5.311 | 5.315 | -0.004 | 85 | 58720 | 2.00 | 1.95 | |
| | 33 2,4-Dimethylphenol | 122 | 5.349 | 5.353 | -0.004 | 89 | 93001 | 2.00 | 1.91 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 5.445 | 5.449 | -0.004 | 98 | 136602 | 2.00 | 1.94 | |
| 35 Benzoic acid | 122 | 5.394 | 5.455 | -0.061 | 86 | 45336 | 2.00 | 1.87 | |
| 36 2,4-Dichlorophenol | 162 | 5.541 | 5.542 | -0.001 | 93 | 81309 | 2.00 | 1.97 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.624 | 5.628 | -0.004 | 94 | 89576 | 2.00 | 1.99 | |
| * 38 Naphthalene-d8 | 136 | 5.678 | 5.682 | -0.004 | 100 | 1289790 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.697 | 5.705 | -0.008 | 98 | 326499 | 2.00 | 1.87 | |
| 40 4-Chloroaniline | 127 | 5.745 | 5.753 | -0.008 | 96 | 132224 | 2.00 | 1.96 | |
| 41 2,6-Dichlorophenol | 162 | 5.755 | 5.759 | -0.004 | 94 | 76122 | 2.00 | 1.86 | |
| 42 Hexachlorobutadiene | 225 | 5.819 | 5.823 | -0.004 | 92 | 44698 | 2.00 | 1.93 | |
| 44 Caprolactam | 55 | 6.049 | 6.123 | -0.074 | 92 | 47968 | 2.00 | 2.01 | |
| 45 4-Chloro-3-methylphenol | 107 | 6.205 | 6.213 | -0.008 | 96 | 89307 | 2.00 | 1.99 | |
| 46 2-Methylnaphthalene | 142 | 6.358 | 6.363 | -0.005 | 84 | 191542 | 2.00 | 1.87 | |
| 47 1-Methylnaphthalene | 142 | 6.451 | 6.456 | -0.005 | 93 | 199861 | 2.00 | 1.91 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.509 | 6.513 | -0.004 | 95 | 61607 | 2.00 | 1.87 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.518 | 6.523 | -0.005 | 94 | 78145 | 2.00 | 1.90 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.547 | 6.552 | -0.005 | 90 | 132859 | 2.00 | 2.03 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.624 | 6.628 | -0.004 | 85 | 54504 | 2.00 | 1.94 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.652 | 6.657 | -0.005 | 93 | 60369 | 2.00 | 2.02 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.710 | 6.712 | -0.002 | 97 | 1241379 | 10.0 | 10.2 | |
| 54 1,1'-Biphenyl | 154 | 6.803 | 6.807 | -0.004 | 97 | 251546 | 2.00 | 1.94 | |
| 55 2-Chloronaphthalene | 162 | 6.819 | 6.823 | -0.004 | 97 | 185381 | 2.00 | 1.93 | |
| 56 Phenyl ether | 170 | 6.905 | 6.910 | -0.005 | 91 | 130637 | 2.00 | 2.00 | |
| 57 2-Nitroaniline | 65 | 6.911 | 6.919 | -0.008 | 94 | 83648 | 2.00 | 2.00 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.030 | 7.034 | -0.004 | 91 | 137411 | 2.00 | 1.96 | |
| 59 Dimethyl phthalate | 163 | 7.093 | 7.102 | -0.009 | 97 | 204804 | 2.00 | 1.95 | |
| 60 Coumarin | 146 | 7.109 | 7.118 | -0.009 | 75 | 68900 | 2.00 | 1.98 | |
| 61 2,6-Dinitrotoluene | 165 | 7.145 | 7.153 | -0.008 | 91 | 46897 | 2.00 | 2.02 | |
| 62 Acenaphthylene | 152 | 7.212 | 7.217 | -0.005 | 97 | 307156 | 2.00 | 1.92 | |
| 63 3-Nitroaniline | 138 | 7.301 | 7.309 | -0.008 | 94 | 52555 | 2.00 | 1.97 | |
| * 64 Acenaphthene-d10 | 164 | 7.346 | 7.351 | -0.005 | 97 | 624107 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.371 | 7.377 | -0.006 | 97 | 148710 | 2.00 | 1.93 | |
| 65 Acenaphthene | 154 | 7.378 | 7.383 | -0.005 | 96 | 177624 | 2.00 | 1.92 | |
| 67 2,4-Dinitrophenol | 184 | 7.400 | 7.409 | -0.009 | 88 | 48866 | 4.00 | 3.62 | a |
| 68 4-Nitrophenol | 65 | 7.451 | 7.466 | -0.015 | 95 | 86772 | 4.00 | 3.89 | |
| 69 2,4-Dinitrotoluene | 165 | 7.525 | 7.533 | -0.008 | 91 | 63218 | 2.00 | 2.12 | |
| 70 Dibenzofuran | 168 | 7.541 | 7.546 | -0.005 | 95 | 258245 | 2.00 | 1.94 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.653 | 7.658 | -0.005 | 88 | 43011 | 2.00 | 1.91 | |
| 72 Diethyl phthalate | 149 | 7.764 | 7.776 | -0.012 | 97 | 217067 | 2.00 | 1.99 | |
| 87 n-Octadecane | 57 | 7.793 | 7.799 | -0.006 | 95 | 159310 | 2.00 | 1.90 | |
| 73 Fluorene | 166 | 7.863 | 7.872 | -0.009 | 96 | 211773 | 2.00 | 1.95 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.870 | 7.872 | -0.002 | 86 | 90624 | 2.00 | 1.97 | |
| 75 4-Nitroaniline | 138 | 7.873 | 7.891 | -0.018 | 95 | 49453 | 2.00 | 1.95 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.908 | 7.920 | -0.012 | 75 | 69565 | 4.00 | 4.04 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.979 | 7.987 | -0.008 | 70 | 148316 | 2.00 | 1.96 | |
| 131 Azobenzene | 77 | 8.017 | 8.026 | -0.009 | 99 | 251771 | 2.00 | 1.96 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.017 | 8.026 | -0.009 | 51 | 251771 | 2.00 | 2.02 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.090 | 8.096 | -0.006 | 93 | 174574 | 10.0 | 10.3 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.330 | 8.336 | -0.006 | 80 | 49949 | 2.00 | 1.92 | |
| 82 Hexachlorobenzene | 284 | 8.384 | 8.390 | -0.006 | 99 | 56746 | 2.00 | 2.04 | |
| 83 Atrazine | 200 | 8.486 | 8.496 | -0.010 | 88 | 49647 | 2.00 | 2.00 | |
| 84 Pentachlorophenol | 266 | 8.566 | 8.576 | -0.010 | 92 | 75159 | 4.00 | 4.00 | |
| 85 Pentachloronitrobenzene | 237 | 8.582 | 8.592 | -0.010 | 85 | 17511 | 2.00 | 2.08 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.752 | 8.758 | -0.006 | 99 | 1038137 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.774 | 8.780 | -0.006 | 98 | 276901 | 2.00 | 1.93 | |
| 90 Anthracene | 178 | 8.822 | 8.828 | -0.006 | 98 | 284752 | 2.00 | 1.93 | |
| 91 Carbazole | 167 | 8.972 | 8.979 | -0.007 | 96 | 255173 | 2.00 | 1.96 | |
| 92 Di-n-butyl phthalate | 149 | 9.320 | 9.327 | -0.007 | 99 | 289985 | 2.00 | 1.92 | |
| 93 Fluoranthene | 202 | 9.898 | 9.908 | -0.010 | 97 | 258939 | 2.00 | 1.98 | |
| 94 Benzidine | 184 | 10.029 | 10.036 | -0.007 | 99 | 152937 | 2.00 | 2.32 | a |
| 95 Pyrene | 202 | 10.112 | 10.122 | -0.010 | 96 | 264362 | 2.00 | 1.97 | |
| 96 Bisphenol-A | 213 | 10.163 | 10.170 | -0.007 | 96 | 47338 | 2.00 | 1.92 | |
| $ 97 Terphenyl-d14 | 244 | 10.278 | 10.282 | -0.004 | 97 | 1131730 | 10.0 | 10.4 | |
| 98 Butyl benzyl phthalate | 149 | 10.786 | 10.796 | -0.010 | 97 | 104845 | 2.00 | 1.93 | |
| 100 Carbamazepine | 193 | 10.885 | 10.895 | -0.010 | 91 | 59030 | 2.00 | 1.79 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.364 | 11.371 | -0.007 | 98 | 74988 | 2.00 | 2.07 | |
| 102 Benzo[a]anthracene | 228 | 11.386 | 11.394 | -0.008 | 99 | 204828 | 2.00 | 1.98 | |
| * 103 Chrysene-d12 | 240 | 11.396 | 11.407 | -0.011 | 99 | 619326 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.425 | 11.439 | -0.014 | 97 | 193986 | 2.00 | 1.99 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.466 | 11.474 | -0.008 | 89 | 150798 | 2.00 | 1.86 | |
| 106 Di-n-octyl phthalate | 149 | 12.322 | 12.330 | -0.008 | 97 | 204808 | 2.00 | 1.78 | |
| 107 Benzo[b]fluoranthene | 252 | 12.772 | 12.787 | -0.015 | 97 | 180609 | 2.00 | 2.07 | |
| 108 Benzo[k]fluoranthene | 252 | 12.811 | 12.828 | -0.017 | 98 | 185187 | 2.00 | 2.03 | |
| 109 Benzo[a]pyrene | 252 | 13.229 | 13.240 | -0.011 | 95 | 158608 | 2.00 | 1.98 | |
| * 110 Perylene-d12 | 264 | 13.312 | 13.320 | -0.008 | 97 | 592571 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.893 | 14.917 | -0.024 | 97 | 150462 | 2.00 | 2.04 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.944 | 14.965 | -0.021 | 96 | 148580 | 2.00 | 1.99 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.333 | 15.362 | -0.029 | 94 | 145315 | 2.00 | 1.99 | |
| S 115 Total Cresols | 1 | | | | 0 | | | 3.91 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL5_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:47:28 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94221.D

Injection Date: 11-Aug-2025 09:48:30 Instrument ID: CBNAMS18 Operator ID:

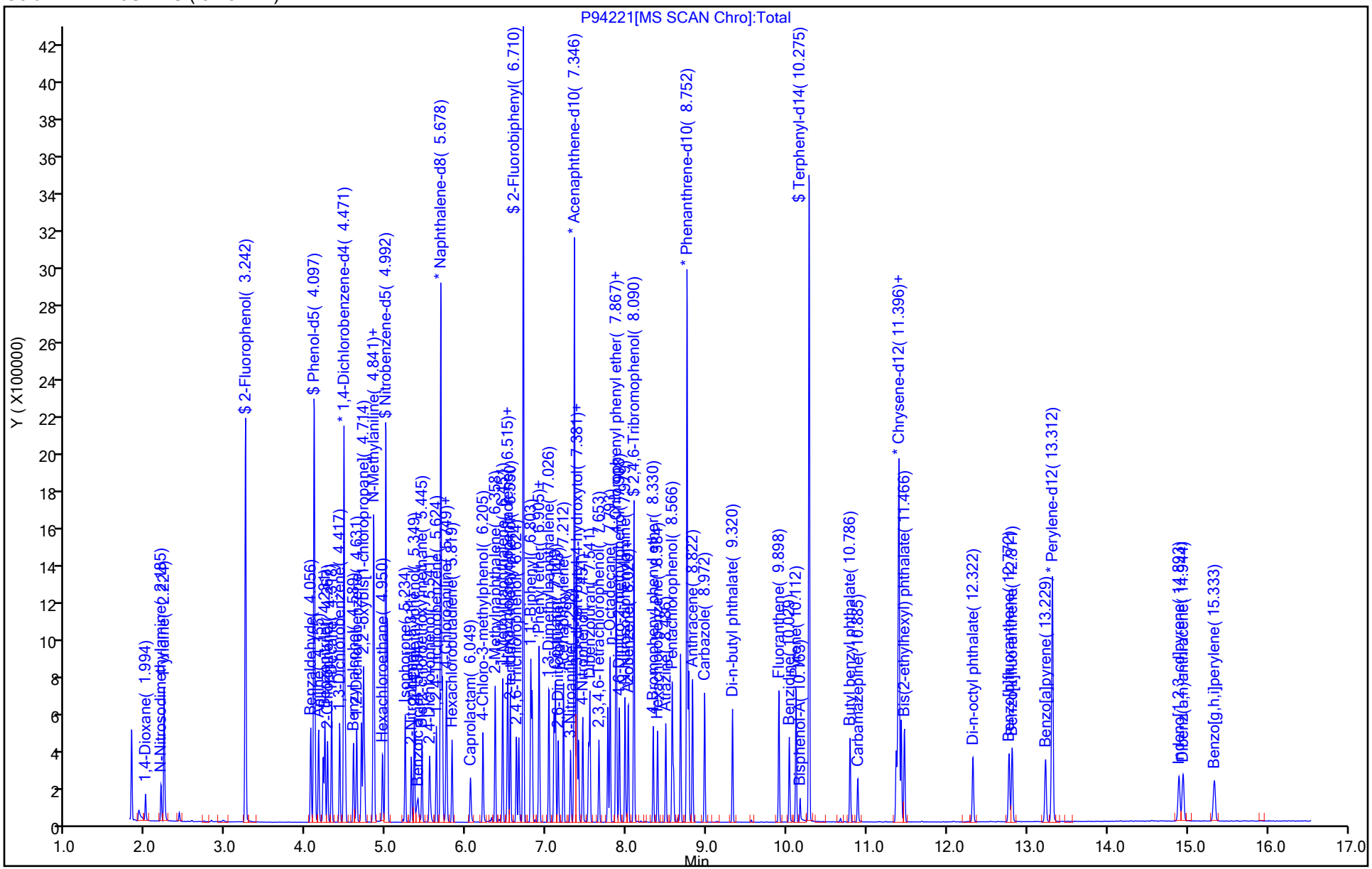
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

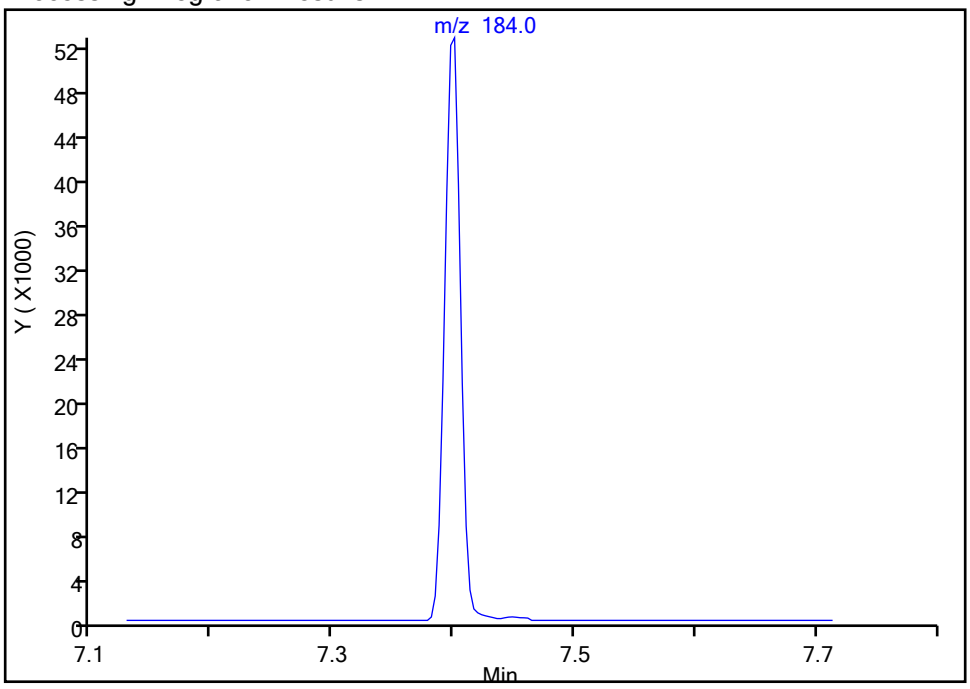
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94221.D
Injection Date: 11-Aug-2025 09:48:30 Instrument ID: CBNAMS18
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

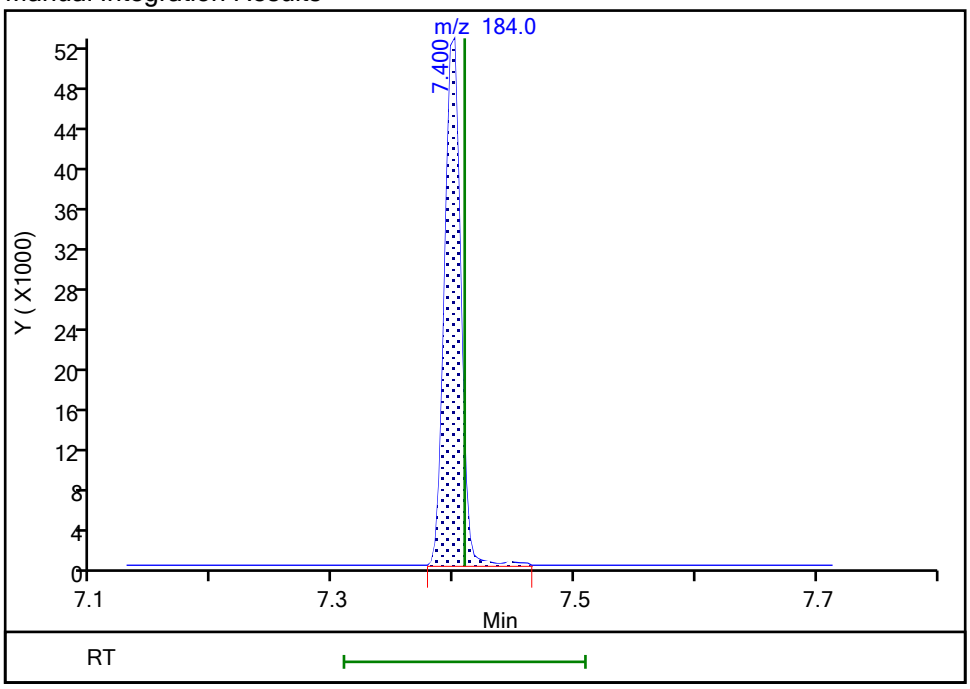
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.40
Area: 48866
Amount: 3.616732
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 10:16:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

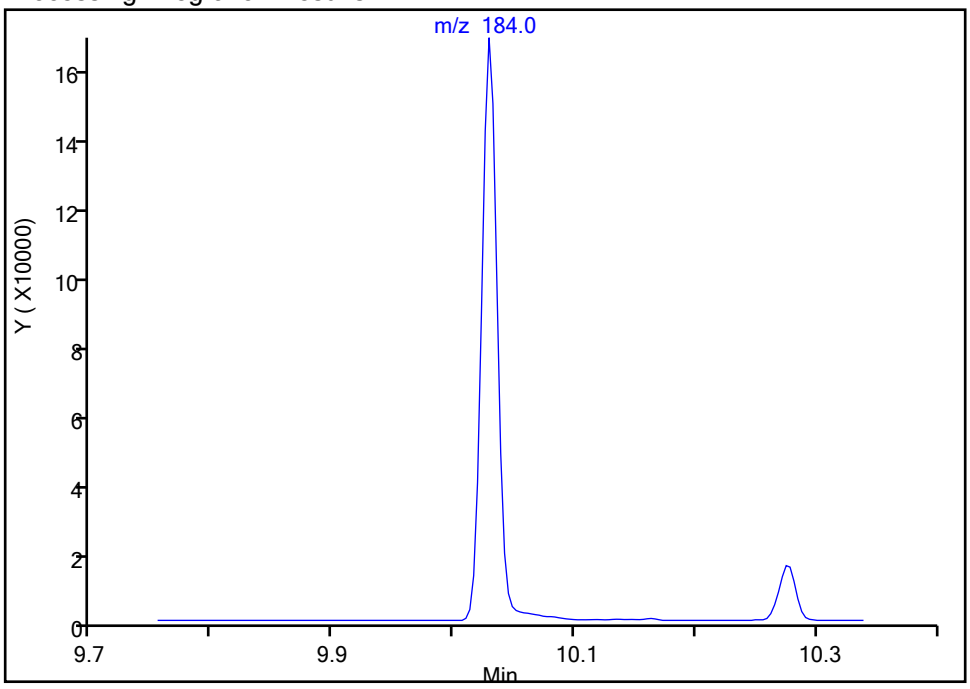
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94221.D
Injection Date: 11-Aug-2025 09:48:30 Instrument ID: CBNAMS18
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

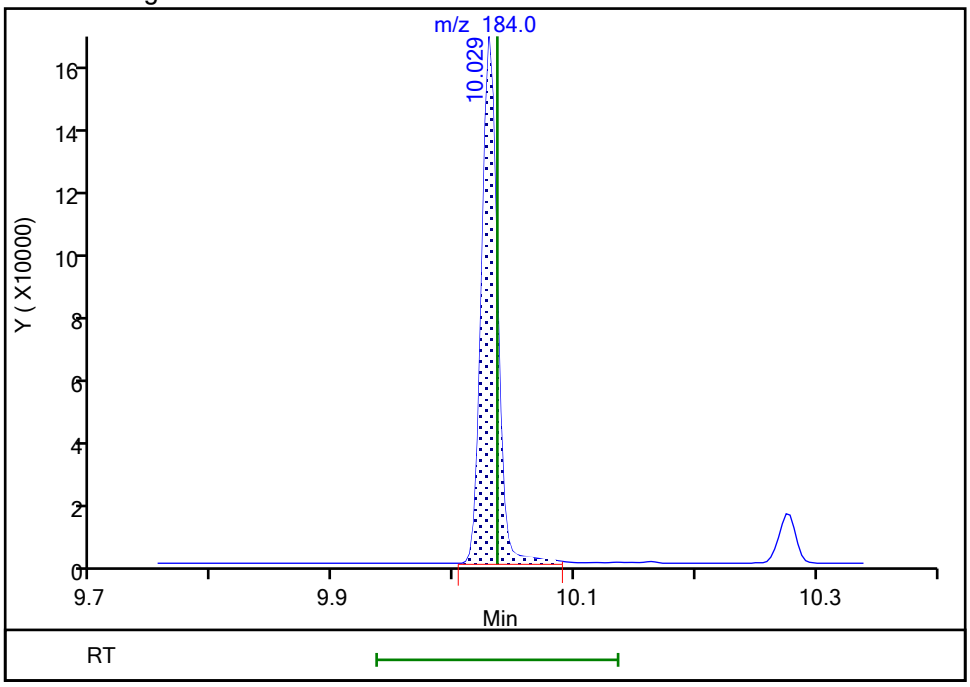
Not Detected
Expected RT: 10.04

Processing Integration Results




Manual Integration Results

RT: 10.03
Area: 152937
Amount: 2.319341
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 10:16:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94222.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 11-Aug-2025 10:09:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-007
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:31 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 11:18:32

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.984 | 1.984 | 0.000 | 96 | 22437 | 1.00 | 0.9501 | |
| | 2 N-Nitrosodimethylamine | 74 | 2.179 | 2.182 | -0.003 | 85 | 34892 | 1.00 | 0.9525 | |
| | 3 Pyridine | 79 | 2.217 | 2.217 | 0.000 | 89 | 114675 | 2.00 | 1.97 | |
| $ | 4 2-Fluorophenol | 112 | 3.236 | 3.239 | -0.003 | 93 | 607711 | 10.0 | 10.3 | |
| | 5 Benzaldehyde | 77 | 4.053 | 4.056 | -0.003 | 96 | 50577 | 1.00 | 0.9751 | |
| $ | 6 Phenol-d5 | 99 | 4.094 | 4.101 | -0.007 | 0 | 765911 | 10.0 | 10.1 | |
| | 7 Phenol | 94 | 4.107 | 4.117 | -0.010 | 98 | 68548 | 1.00 | 0.9660 | |
| | 8 Aniline | 93 | 4.152 | 4.158 | -0.006 | 100 | 89500 | 1.00 | 0.9785 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 4.209 | 4.216 | -0.007 | 94 | 53317 | 1.00 | 0.9275 | |
| | 10 Benzonitrile | 103 | 4.228 | 4.241 | -0.013 | 99 | 110047 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 4.263 | 4.270 | -0.007 | 91 | 51952 | 1.00 | 0.9417 | |
| | 12 n-Decane | 43 | 4.315 | 4.318 | -0.004 | 90 | 61109 | 1.00 | 0.9632 | |
| | 13 1,3-Dichlorobenzene | 146 | 4.417 | 4.420 | -0.003 | 93 | 57988 | 1.00 | 0.9826 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 4.468 | 4.471 | -0.003 | 98 | 308073 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 4.484 | 4.487 | -0.003 | 93 | 59879 | 1.00 | 0.9830 | |
| | 17 Benzyl alcohol | 108 | 4.589 | 4.596 | -0.007 | 92 | 31899 | 1.00 | 0.9850 | |
| | 18 1,2-Dichlorobenzene | 146 | 4.627 | 4.631 | -0.004 | 91 | 53752 | 1.00 | 0.9116 | |
| | 20 2-Methylphenol | 108 | 4.688 | 4.695 | -0.007 | 84 | 48908 | 1.00 | 0.9591 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.723 | 4.727 | -0.004 | 91 | 74128 | 1.00 | 0.9578 | |
| | 22 N-Methylaniline | 106 | 4.835 | 4.842 | -0.007 | 83 | 88056 | 1.00 | 0.9775 | |
| | 26 4-Methylphenol | 108 | 4.835 | 4.845 | -0.010 | 86 | 54948 | 1.00 | 0.9574 | |
| | 25 3 & 4 Methylphenol | 108 | 4.835 | 4.845 | -0.010 | 0 | 54948 | 1.00 | 0.9505 | |
| | 23 Acetophenone | 105 | 4.845 | 4.855 | -0.010 | 92 | 82382 | 1.00 | 0.99 | |
| | 24 N-Nitrosodi-n-propylamine | 70 | 4.845 | 4.855 | -0.010 | 74 | 42254 | 1.00 | 0.9824 | |
| | 27 Hexachloroethane | 117 | 4.950 | 4.954 | -0.004 | 91 | 22245 | 1.00 | 0.9662 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.992 | 4.995 | -0.003 | 89 | 740169 | 10.0 | 10.4 | |
| | 29 Nitrobenzene | 123 | 5.008 | 5.018 | -0.010 | 91 | 26635 | 1.00 | 0.9370 | |
| | 30 n,n'-Dimethylaniline | 120 | 5.011 | 5.018 | -0.007 | 98 | 88253 | 1.00 | 0.99 | |
| | 31 Isophorone | 82 | 5.234 | 5.244 | -0.010 | 99 | 111052 | 1.00 | 0.9883 | |
| | 32 2-Nitrophenol | 139 | 5.311 | 5.315 | -0.004 | 85 | 27479 | 1.00 | 0.9446 | |
| | 33 2,4-Dimethylphenol | 122 | 5.349 | 5.353 | -0.004 | 90 | 45956 | 1.00 | 0.9777 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 5.445 | 5.449 | -0.004 | 99 | 67685 | 1.00 | 1.00 | |
| 35 Benzoic acid | 122 | 5.378 | 5.455 | -0.077 | 91 | 15795 | 1.00 | 1.06 | |
| 36 2,4-Dichlorophenol | 162 | 5.537 | 5.542 | -0.005 | 92 | 38019 | 1.00 | 0.9567 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.624 | 5.628 | -0.004 | 92 | 44856 | 1.00 | 1.03 | |
| * 38 Naphthalene-d8 | 136 | 5.678 | 5.682 | -0.004 | 100 | 1244776 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.697 | 5.705 | -0.008 | 99 | 165139 | 1.00 | 0.9824 | |
| 40 4-Chloroaniline | 127 | 5.745 | 5.753 | -0.008 | 95 | 64703 | 1.00 | 0.99 | |
| 41 2,6-Dichlorophenol | 162 | 5.752 | 5.759 | -0.007 | 91 | 39322 | 1.00 | 1.00 | |
| 42 Hexachlorobutadiene | 225 | 5.819 | 5.823 | -0.004 | 91 | 21675 | 1.00 | 0.9711 | |
| 44 Caprolactam | 55 | 6.042 | 6.123 | -0.081 | 90 | 20613 | 1.00 | 0.8957 | |
| 45 4-Chloro-3-methylphenol | 107 | 6.205 | 6.213 | -0.008 | 96 | 40941 | 1.00 | 0.9438 | |
| 46 2-Methylnaphthalene | 142 | 6.358 | 6.363 | -0.005 | 85 | 93012 | 1.00 | 0.9401 | |
| 47 1-Methylnaphthalene | 142 | 6.451 | 6.456 | -0.005 | 95 | 97324 | 1.00 | 0.9644 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.508 | 6.513 | -0.005 | 94 | 31964 | 1.00 | 0.9877 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.518 | 6.523 | -0.005 | 93 | 39299 | 1.00 | 0.9741 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.547 | 6.552 | -0.005 | 89 | 60648 | 1.00 | 0.9608 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.623 | 6.628 | -0.005 | 87 | 27645 | 1.00 | 1.01 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.652 | 6.657 | -0.005 | 92 | 28442 | 1.00 | 0.9705 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.710 | 6.712 | -0.002 | 97 | 1228421 | 10.0 | 10.2 | |
| 54 1,1'-Biphenyl | 154 | 6.802 | 6.807 | -0.005 | 96 | 124652 | 1.00 | 0.9813 | |
| 55 2-Chloronaphthalene | 162 | 6.818 | 6.823 | -0.005 | 97 | 93564 | 1.00 | 0.99 | |
| 56 Phenyl ether | 170 | 6.905 | 6.910 | -0.005 | 89 | 60597 | 1.00 | 0.9454 | |
| 57 2-Nitroaniline | 65 | 6.908 | 6.919 | -0.011 | 94 | 39954 | 1.00 | 0.9734 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.026 | 7.034 | -0.008 | 90 | 67345 | 1.00 | 0.9805 | |
| 59 Dimethyl phthalate | 163 | 7.090 | 7.102 | -0.012 | 97 | 102437 | 1.00 | 1.00 | |
| 60 Coumarin | 146 | 7.106 | 7.118 | -0.012 | 77 | 32963 | 1.00 | 0.9814 | |
| 61 2,6-Dinitrotoluene | 165 | 7.144 | 7.153 | -0.009 | 91 | 23433 | 1.00 | 1.03 | |
| 62 Acenaphthylene | 152 | 7.211 | 7.217 | -0.006 | 97 | 150186 | 1.00 | 0.9580 | |
| 63 3-Nitroaniline | 138 | 7.297 | 7.309 | -0.012 | 93 | 26442 | 1.00 | 1.01 | |
| * 64 Acenaphthene-d10 | 164 | 7.345 | 7.351 | -0.006 | 97 | 612089 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.371 | 7.377 | -0.006 | 97 | 70894 | 1.00 | 0.9376 | |
| 65 Acenaphthene | 154 | 7.374 | 7.383 | -0.009 | 96 | 90710 | 1.00 | 1.00 | |
| 67 2,4-Dinitrophenol | 184 | 7.397 | 7.409 | -0.012 | 88 | 20819 | 2.00 | 1.72 | a |
| 68 4-Nitrophenol | 65 | 7.448 | 7.466 | -0.018 | 94 | 39496 | 2.00 | 1.81 | |
| 69 2,4-Dinitrotoluene | 165 | 7.521 | 7.533 | -0.012 | 91 | 30673 | 1.00 | 1.05 | |
| 70 Dibenzofuran | 168 | 7.537 | 7.546 | -0.009 | 95 | 128770 | 1.00 | 0.9861 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.652 | 7.658 | -0.006 | 88 | 21474 | 1.00 | 0.9748 | |
| 72 Diethyl phthalate | 149 | 7.764 | 7.776 | -0.012 | 97 | 106699 | 1.00 | 1.00 | |
| 87 n-Octadecane | 57 | 7.793 | 7.799 | -0.006 | 95 | 78638 | 1.00 | 0.9403 | |
| 73 Fluorene | 166 | 7.863 | 7.872 | -0.009 | 95 | 106327 | 1.00 | 1.00 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.869 | 7.872 | -0.003 | 78 | 44212 | 1.00 | 0.9823 | |
| 75 4-Nitroaniline | 138 | 7.869 | 7.891 | -0.022 | 94 | 24366 | 1.00 | 0.9814 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.904 | 7.920 | -0.016 | 73 | 31568 | 2.00 | 1.84 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.978 | 7.987 | -0.009 | 81 | 73621 | 1.00 | 0.9752 | |
| 131 Azobenzene | 77 | 8.016 | 8.026 | -0.010 | 98 | 123647 | 1.00 | 0.9630 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.016 | 8.026 | -0.010 | 51 | 123647 | 1.00 | 1.00 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.090 | 8.096 | -0.006 | 93 | 176475 | 10.0 | 10.6 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.329 | 8.336 | -0.007 | 83 | 26777 | 1.00 | 1.03 | |
| 82 Hexachlorobenzene | 284 | 8.384 | 8.390 | -0.006 | 97 | 28393 | 1.00 | 1.02 | |
| 83 Atrazine | 200 | 8.486 | 8.496 | -0.010 | 88 | 24315 | 1.00 | 0.9829 | |
| 84 Pentachlorophenol | 266 | 8.566 | 8.576 | -0.010 | 91 | 36080 | 2.00 | 1.93 | |
| 85 Pentachloronitrobenzene | 237 | 8.582 | 8.592 | -0.010 | 84 | 8738 | 1.00 | 1.04 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.751 | 8.758 | -0.007 | 99 | 1036039 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.773 | 8.780 | -0.007 | 99 | 140599 | 1.00 | 0.9807 | |
| 90 Anthracene | 178 | 8.818 | 8.828 | -0.010 | 98 | 143987 | 1.00 | 0.9780 | |
| 91 Carbazole | 167 | 8.971 | 8.979 | -0.008 | 97 | 125896 | 1.00 | 0.9692 | |
| 92 Di-n-butyl phthalate | 149 | 9.319 | 9.327 | -0.008 | 99 | 138673 | 1.00 | 0.9193 | |
| 93 Fluoranthene | 202 | 9.897 | 9.908 | -0.011 | 96 | 123835 | 1.00 | 0.9511 | |
| 94 Benzidine | 184 | 10.028 | 10.036 | -0.008 | 99 | 69360 | 1.00 | 1.12 | a |
| 95 Pyrene | 202 | 10.111 | 10.122 | -0.011 | 96 | 131358 | 1.00 | 0.9542 | |
| 96 Bisphenol-A | 213 | 10.165 | 10.170 | -0.005 | 96 | 9643 | 1.00 | 1.16 | |
| $ 97 Terphenyl-d14 | 244 | 10.277 | 10.282 | -0.005 | 97 | 1156654 | 10.0 | 10.3 | |
| 98 Butyl benzyl phthalate | 149 | 10.788 | 10.796 | -0.008 | 98 | 49951 | 1.00 | 0.8944 | |
| 100 Carbamazepine | 193 | 10.884 | 10.895 | -0.011 | 91 | 24185 | 1.00 | 0.8092 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.363 | 11.371 | -0.008 | 97 | 33005 | 1.00 | 0.8856 | |
| 102 Benzo[a]anthracene | 228 | 11.385 | 11.394 | -0.009 | 99 | 102256 | 1.00 | 0.9496 | |
| * 103 Chrysene-d12 | 240 | 11.398 | 11.407 | -0.009 | 99 | 636694 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.424 | 11.439 | -0.015 | 97 | 98486 | 1.00 | 0.9833 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.465 | 11.474 | -0.009 | 89 | 68345 | 1.00 | 0.8331 | |
| 106 Di-n-octyl phthalate | 149 | 12.321 | 12.330 | -0.009 | 97 | 89328 | 1.00 | 0.8549 | |
| 107 Benzo[b]fluoranthene | 252 | 12.771 | 12.787 | -0.016 | 98 | 87507 | 1.00 | 1.00 | |
| 108 Benzo[k]fluoranthene | 252 | 12.809 | 12.828 | -0.019 | 98 | 95904 | 1.00 | 1.04 | |
| 109 Benzo[a]pyrene | 252 | 13.224 | 13.240 | -0.016 | 95 | 82117 | 1.00 | 1.02 | |
| * 110 Perylene-d12 | 264 | 13.314 | 13.320 | -0.006 | 97 | 597754 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.888 | 14.917 | -0.029 | 95 | 71399 | 1.00 | 0.9585 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.942 | 14.965 | -0.023 | 95 | 71118 | 1.00 | 0.9462 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.329 | 15.362 | -0.033 | 95 | 73541 | 1.00 | 1.00 | |
| S 115 Total Cresols | 1 | | | | 0 | | | 1.91 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL4_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:47:33 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94222.D

Injection Date: 11-Aug-2025 10:09:30 Instrument ID: CBNAMS18 Operator ID:

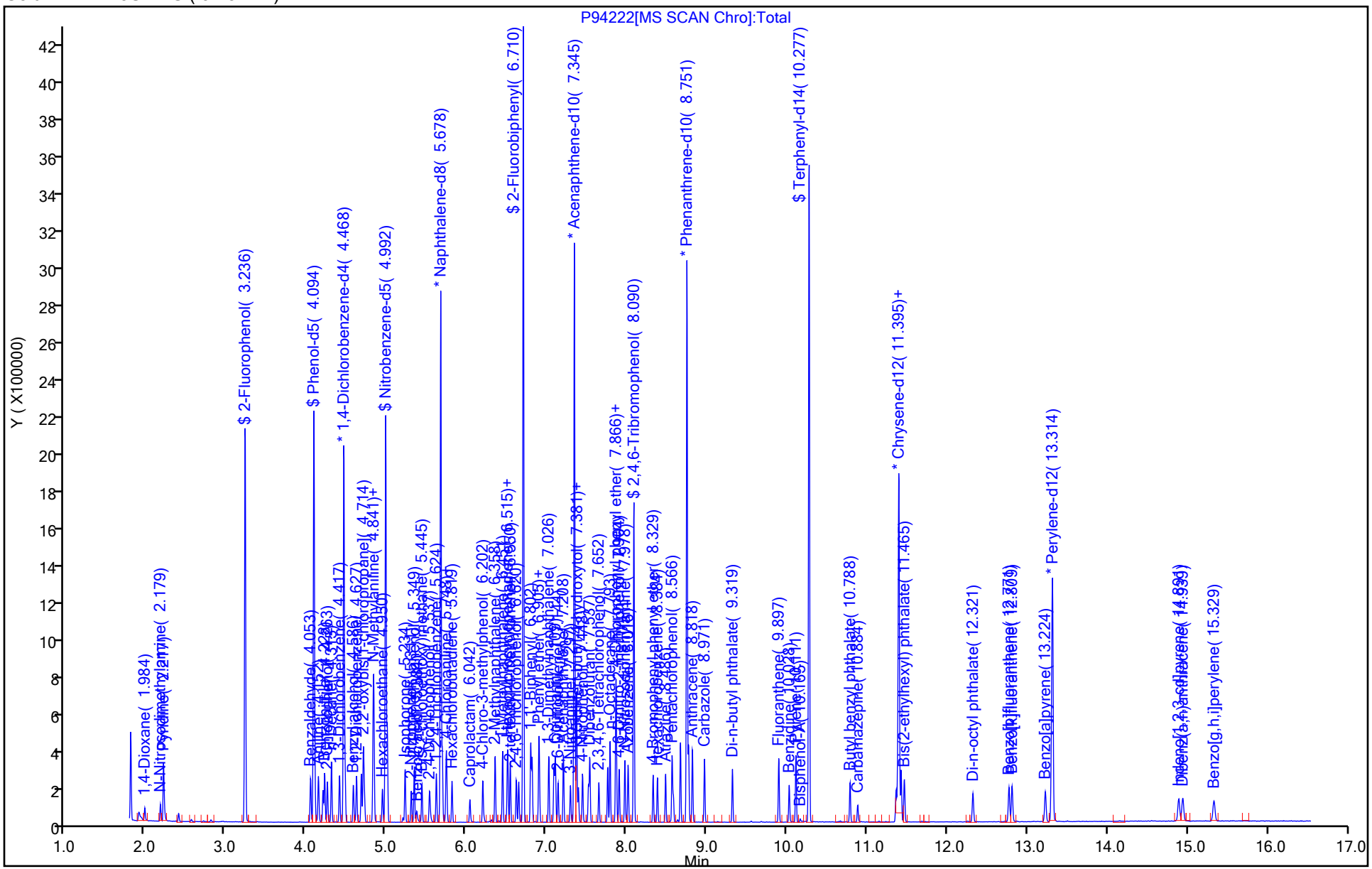
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

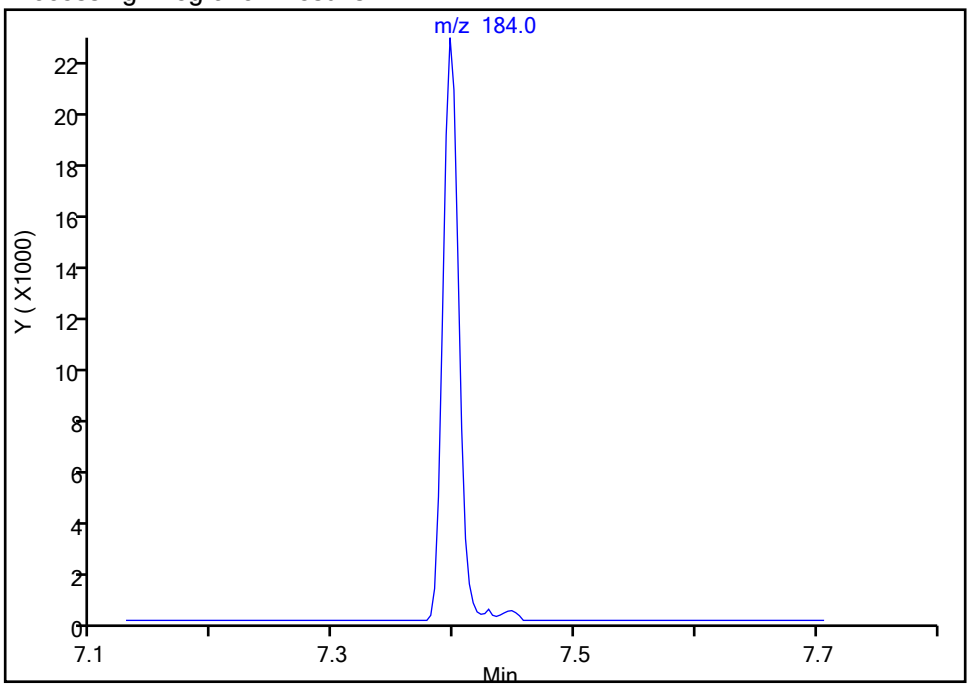
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94222.D
Injection Date: 11-Aug-2025 10:09:30 Instrument ID: CBNAMS18
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

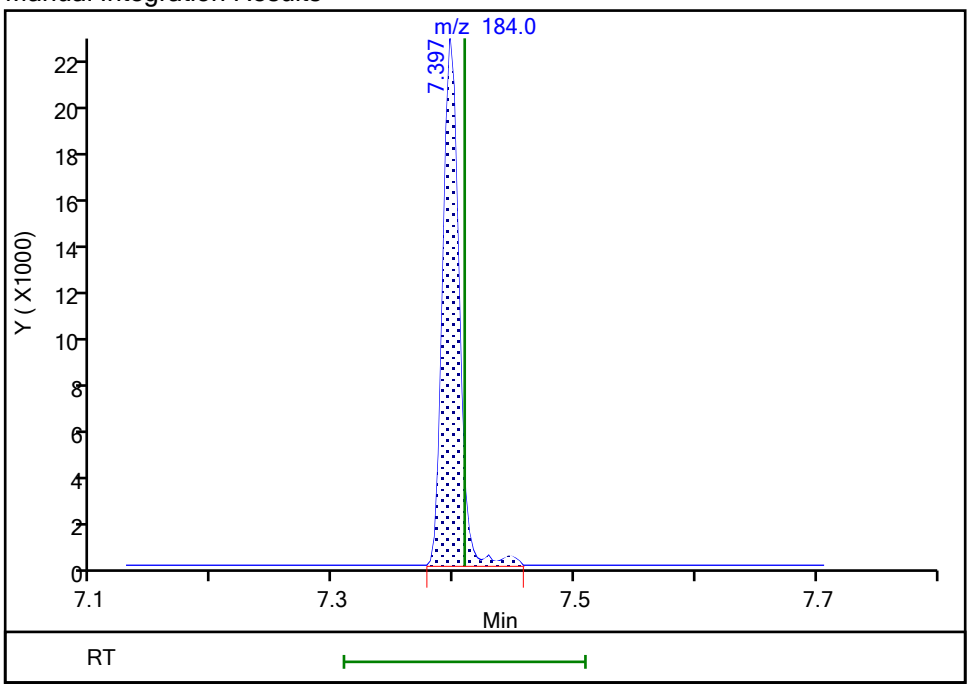
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.40
Area: 20819
Amount: 1.719297
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:18:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

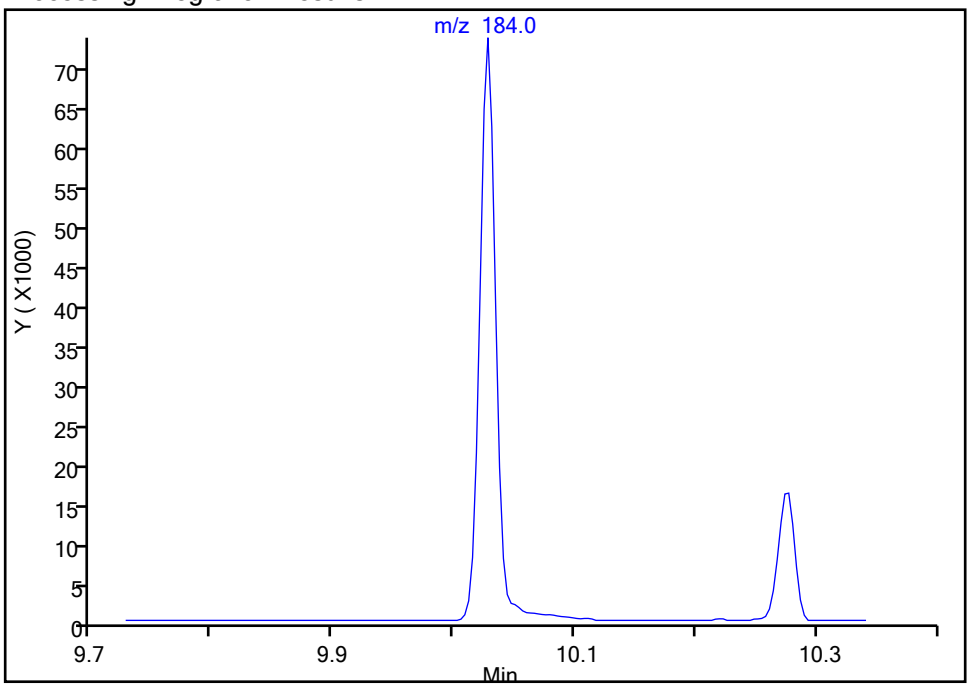
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94222.D
Injection Date: 11-Aug-2025 10:09:30 Instrument ID: CBNAMS18
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

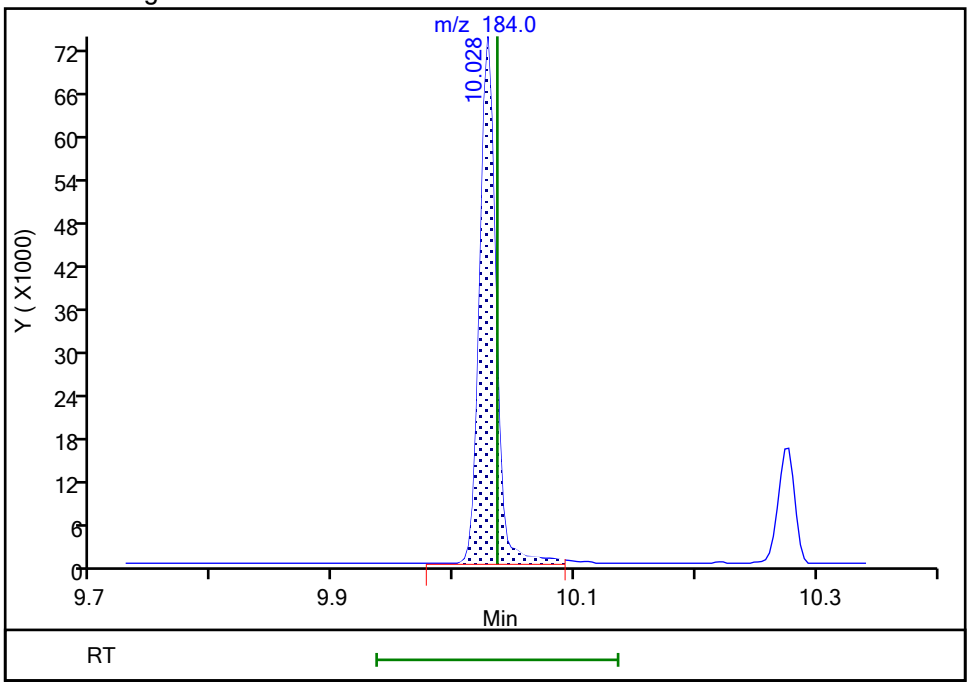
Not Detected
Expected RT: 10.04

Processing Integration Results




Manual Integration Results

RT: 10.03
Area: 69360
Amount: 1.117867
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:17:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94223.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 11-Aug-2025 10:30:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-008
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:36 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 11:18:48

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 3.235 | 3.239 | -0.004 | 93 | 605664 | 10.0 | 10.2 | |
| 5 Benzaldehyde | 77 | 4.055 | 4.056 | -0.001 | 94 | 20925 | 0.4000 | 0.3981 | |
| $ 6 Phenol-d5 | 99 | 4.094 | 4.101 | -0.007 | 0 | 782672 | 10.0 | 10.2 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.467 | 4.471 | -0.004 | 97 | 312141 | 8.00 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.991 | 4.995 | -0.004 | 91 | 737083 | 10.0 | 10.2 | |
| * 38 Naphthalene-d8 | 136 | 5.677 | 5.682 | -0.005 | 100 | 1260143 | 8.00 | 8.00 | |
| 44 Caprolactam | 55 | 6.038 | 6.123 | -0.085 | 90 | 7872 | 0.4000 | 0.3379 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.709 | 6.712 | -0.003 | 97 | 1255604 | 10.0 | 10.2 | |
| * 64 Acenaphthene-d10 | 164 | 7.347 | 7.351 | -0.004 | 97 | 628375 | 8.00 | 8.00 | |
| 67 2,4-Dinitrophenol | 184 | 7.395 | 7.409 | -0.014 | 88 | 5908 | 0.8000 | 0.6543 | a |
| $ 79 2,4,6-Tribromophenol | 330 | 8.088 | 8.096 | -0.008 | 94 | 178236 | 10.0 | 10.4 | |
| 83 Atrazine | 200 | 8.484 | 8.496 | -0.012 | 87 | 9049 | 0.4000 | 0.3543 | |
| * 88 Phenanthrene-d10 | 188 | 8.753 | 8.758 | -0.005 | 99 | 1069647 | 8.00 | 8.00 | |
| 94 Benzidine | 184 | 10.026 | 10.036 | -0.010 | 99 | 22570 | 0.4000 | 0.4195 | a |
| $ 97 Terphenyl-d14 | 244 | 10.275 | 10.282 | -0.007 | 97 | 1179558 | 10.0 | 10.2 | |
| * 103 Chrysene-d12 | 240 | 11.396 | 11.407 | -0.011 | 99 | 656243 | 8.00 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.312 | 13.320 | -0.008 | 97 | 622388 | 8.00 | 8.00 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

SV_BNAL3_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:47:38 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94223.D

Injection Date: 11-Aug-2025 10:30:30 Instrument ID: CBNAMS18 Operator ID:

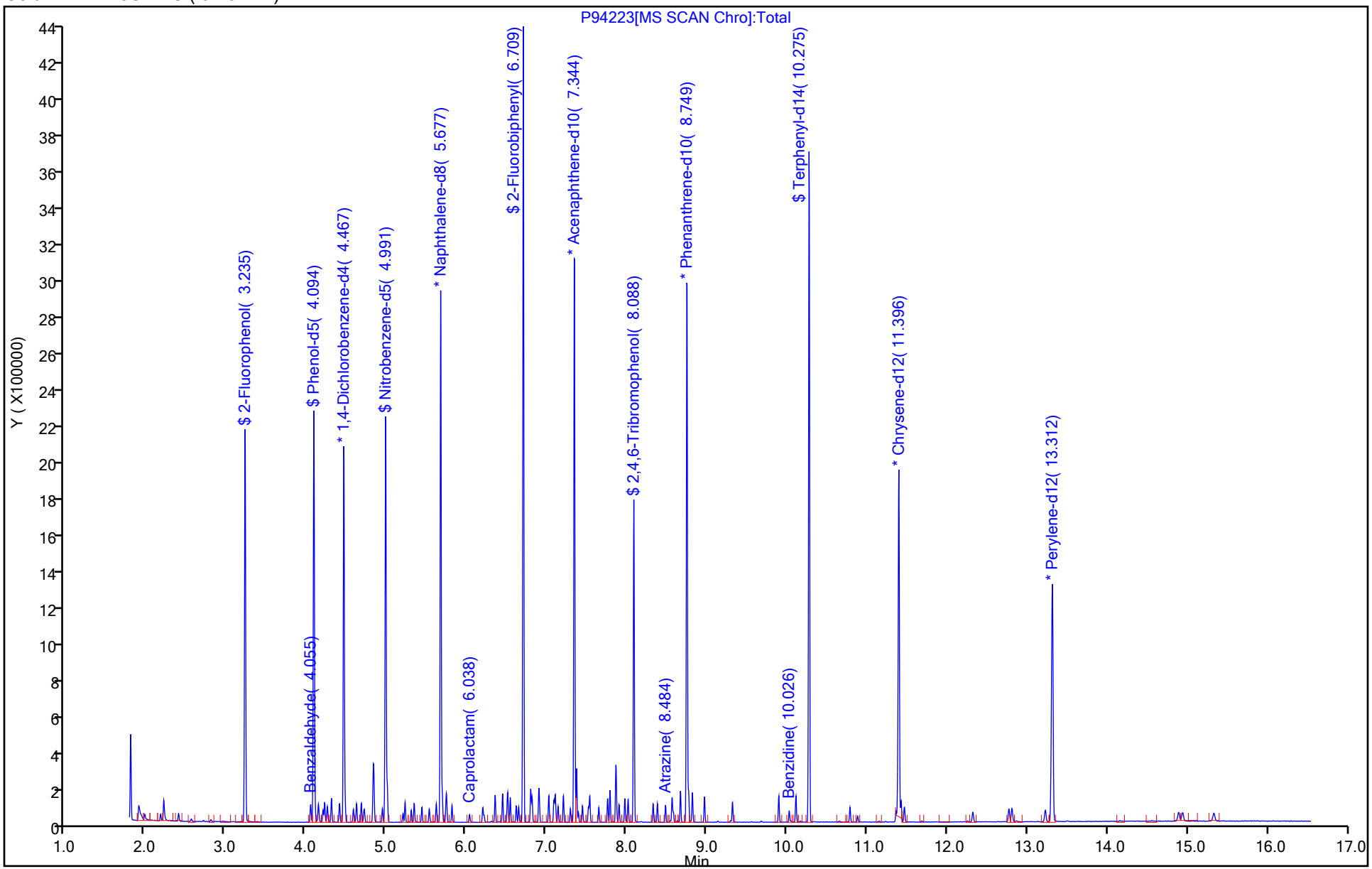
Lims ID: STD04 Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

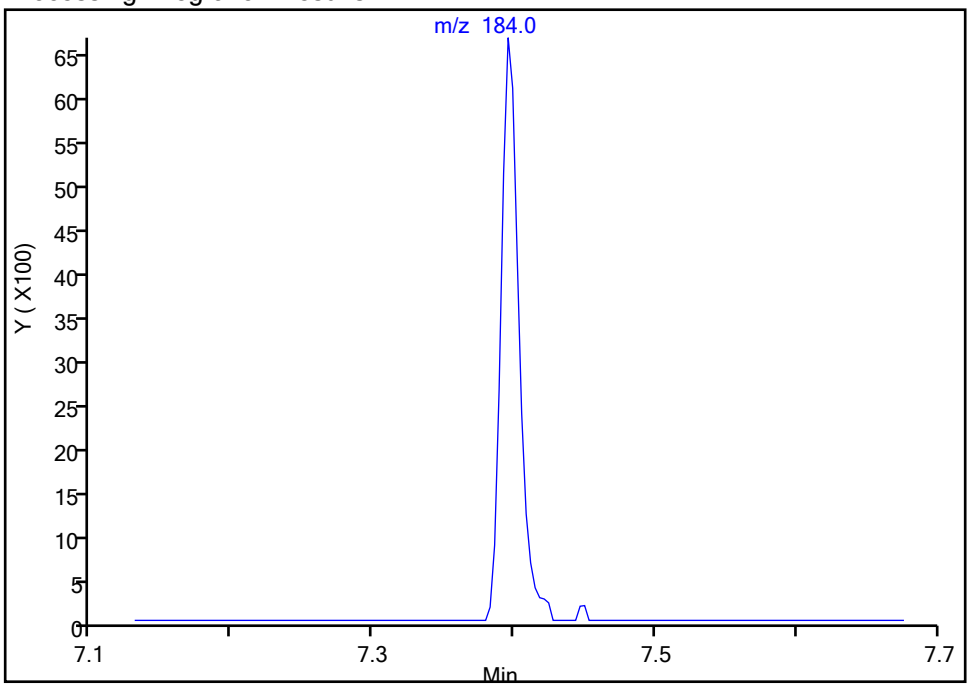
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94223.D
Injection Date: 11-Aug-2025 10:30:30 Instrument ID: CBNAMS18
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

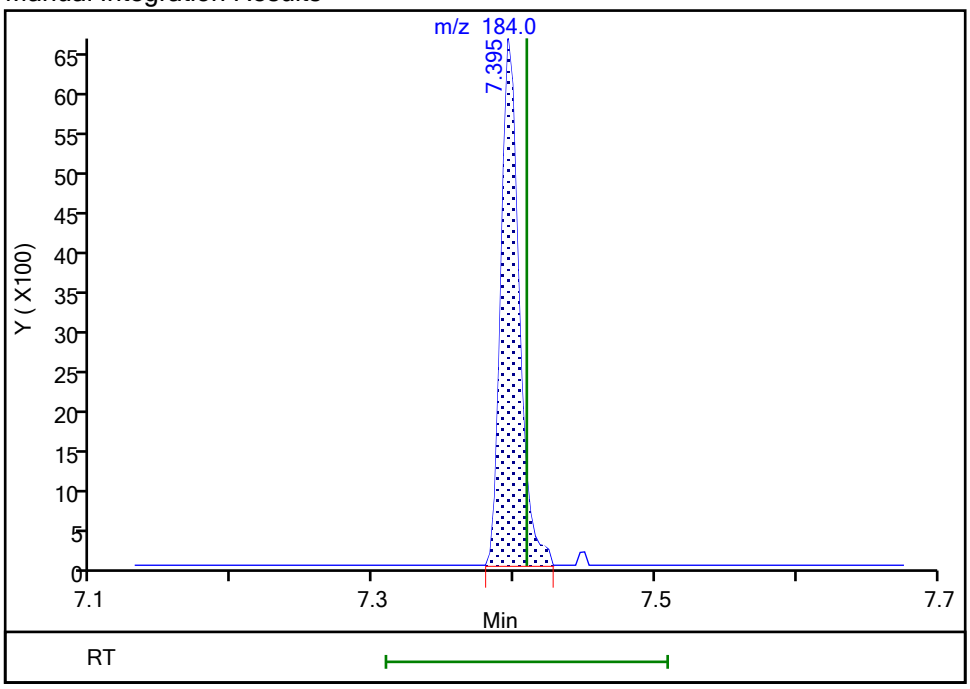
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.40
Area: 5908
Amount: 0.654346
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:18:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

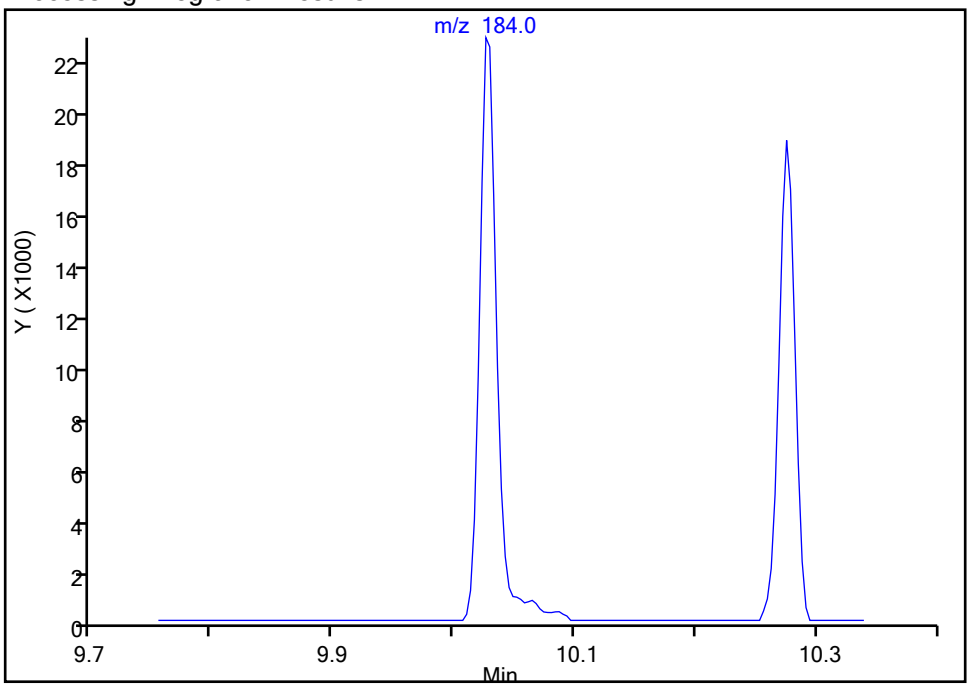
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94223.D
Injection Date: 11-Aug-2025 10:30:30 Instrument ID: CBNAMS18
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

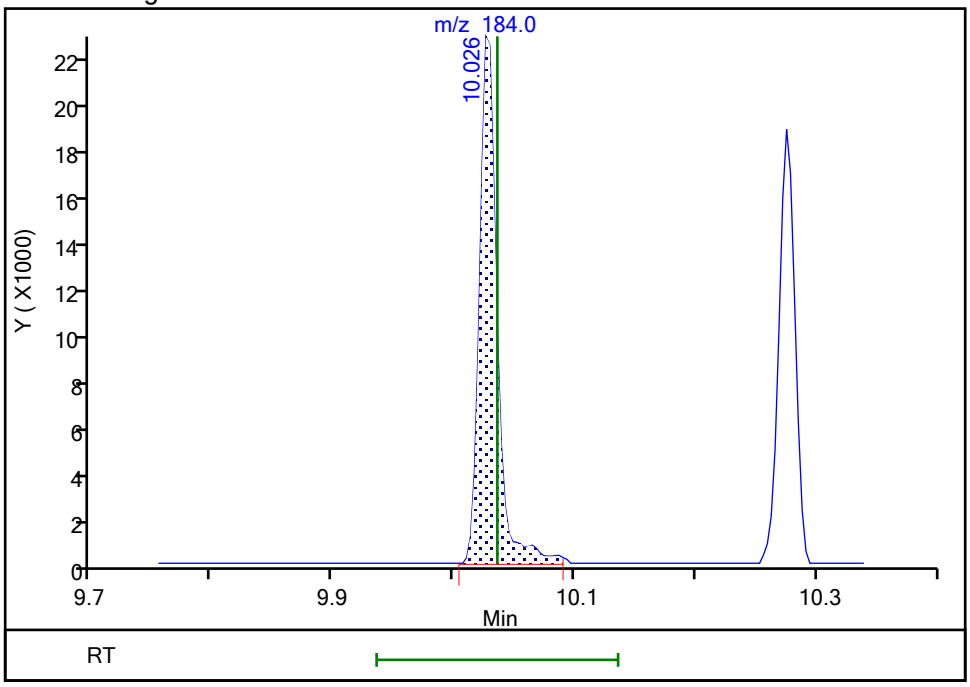
Not Detected
Expected RT: 10.04

Processing Integration Results




Manual Integration Results

RT: 10.03
Area: 22570
Amount: 0.419526
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:18:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94224.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Aug-2025 10:51:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-009
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:40 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 11:20:11

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.991 | 1.984 | 0.007 | 96 | 4528 | 0.2000 | 0.1688 | |
| | 2 N-Nitrosodimethylamine | 74 | 2.192 | 2.182 | 0.010 | 82 | 6719 | 0.2000 | 0.1767 | |
| | 3 Pyridine | 79 | 2.230 | 2.217 | 0.013 | 90 | 21232 | 0.4000 | 0.3518 | |
| $ | 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 93 | 607592 | 10.0 | 9.95 | |
| | 5 Benzaldehyde | 77 | 4.055 | 4.056 | -0.001 | 93 | 11396 | 0.2000 | 0.2117 | |
| $ | 6 Phenol-d5 | 99 | 4.097 | 4.101 | -0.004 | 0 | 788296 | 10.0 | 10.1 | |
| | 7 Phenol | 94 | 4.107 | 4.117 | -0.010 | 96 | 14975 | 0.2000 | 0.2033 | |
| | 8 Aniline | 93 | 4.151 | 4.158 | -0.007 | 99 | 15743 | 0.2000 | 0.1658 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 4.209 | 4.216 | -0.007 | 94 | 11158 | 0.2000 | 0.1870 | |
| | 10 Benzonitrile | 103 | 4.231 | 4.241 | -0.010 | 99 | 22678 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 4.263 | 4.270 | -0.007 | 93 | 11538 | 0.2000 | 0.2015 | |
| | 12 n-Decane | 43 | 4.314 | 4.318 | -0.004 | 88 | 12523 | 0.2000 | 0.1902 | |
| | 13 1,3-Dichlorobenzene | 146 | 4.416 | 4.420 | -0.004 | 91 | 11868 | 0.2000 | 0.1937 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 4.470 | 4.471 | -0.001 | 98 | 319785 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 4.483 | 4.487 | -0.004 | 91 | 11559 | 0.2000 | 0.1828 | |
| | 17 Benzyl alcohol | 108 | 4.589 | 4.596 | -0.007 | 91 | 4599 | 0.2000 | 0.1368 | |
| | 18 1,2-Dichlorobenzene | 146 | 4.630 | 4.631 | -0.001 | 93 | 11193 | 0.2000 | 0.1829 | |
| | 20 2-Methylphenol | 108 | 4.688 | 4.695 | -0.007 | 91 | 10428 | 0.2000 | 0.1970 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.723 | 4.727 | -0.004 | 91 | 15632 | 0.2000 | 0.1946 | |
| | 22 N-Methylaniline | 106 | 4.834 | 4.842 | -0.008 | 78 | 16028 | 0.2000 | 0.1714 | |
| | 26 4-Methylphenol | 108 | 4.834 | 4.845 | -0.011 | 84 | 10972 | 0.2000 | 0.1842 | |
| | 25 3 & 4 Methylphenol | 108 | 4.834 | 4.845 | -0.011 | 0 | 10972 | 0.2000 | 0.1828 | |
| | 23 Acetophenone | 105 | 4.844 | 4.855 | -0.011 | 89 | 16288 | 0.2000 | 0.1892 | |
| | 24 N-Nitrosodi-n-propylamine | 70 | 4.844 | 4.855 | -0.011 | 73 | 8404 | 0.2000 | 0.1882 | |
| | 27 Hexachloroethane | 117 | 4.949 | 4.954 | -0.005 | 86 | 4089 | 0.2000 | 0.1711 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.991 | 4.995 | -0.004 | 89 | 737096 | 10.0 | 10.2 | |
| | 29 Nitrobenzene | 123 | 5.007 | 5.018 | -0.011 | 90 | 5936 | 0.2000 | 0.2012 | |
| | 30 n,n'-Dimethylaniline | 120 | 5.013 | 5.018 | -0.005 | 91 | 18188 | 0.2000 | 0.1973 | |
| | 31 Isophorone | 82 | 5.233 | 5.244 | -0.011 | 98 | 20821 | 0.2000 | 0.1829 | |
| | 32 2-Nitrophenol | 139 | 5.310 | 5.315 | -0.005 | 90 | 5402 | 0.2000 | 0.1833 | |
| | 33 2,4-Dimethylphenol | 122 | 5.348 | 5.353 | -0.005 | 87 | 8339 | 0.2000 | 0.1751 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 5.444 | 5.449 | -0.005 | 98 | 13636 | 0.2000 | 0.1984 | |
| 36 2,4-Dichlorophenol | 162 | 5.537 | 5.542 | -0.005 | 93 | 6650 | 0.2000 | 0.1652 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.623 | 5.628 | -0.005 | 93 | 8411 | 0.2000 | 0.1912 | |
| * 38 Naphthalene-d8 | 136 | 5.677 | 5.682 | -0.005 | 100 | 1260886 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.696 | 5.705 | -0.009 | 98 | 32758 | 0.2000 | 0.1924 | |
| 40 4-Chloroaniline | 127 | 5.744 | 5.753 | -0.009 | 97 | 12228 | 0.2000 | 0.1853 | |
| 41 2,6-Dichlorophenol | 162 | 5.751 | 5.759 | -0.008 | 93 | 8201 | 0.2000 | 0.2050 | |
| 42 Hexachlorobutadiene | 225 | 5.818 | 5.823 | -0.005 | 87 | 4107 | 0.2000 | 0.1817 | |
| 44 Caprolactam | 55 | 6.038 | 6.123 | -0.085 | 83 | 4220 | 0.2000 | 0.1810 | |
| 45 4-Chloro-3-methylphenol | 107 | 6.204 | 6.213 | -0.009 | 97 | 7022 | 0.2000 | 0.1598 | |
| 46 2-Methylnaphthalene | 142 | 6.357 | 6.363 | -0.006 | 88 | 21163 | 0.2000 | 0.2112 | |
| 47 1-Methylnaphthalene | 142 | 6.450 | 6.456 | -0.006 | 93 | 20490 | 0.2000 | 0.2004 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.507 | 6.513 | -0.006 | 95 | 6195 | 0.2000 | 0.1868 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.513 | 6.523 | -0.010 | 94 | 8085 | 0.2000 | 0.1955 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.545 | 6.552 | -0.007 | 89 | 12259 | 0.2000 | 0.1917 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.622 | 6.628 | -0.006 | 79 | 4659 | 0.2000 | 0.1754 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.651 | 6.657 | -0.006 | 89 | 5184 | 0.2000 | 0.1726 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.708 | 6.712 | -0.004 | 97 | 1233976 | 10.0 | 10.0 | |
| 54 1,1'-Biphenyl | 154 | 6.801 | 6.807 | -0.006 | 97 | 25444 | 0.2000 | 0.1954 | |
| 55 2-Chloronaphthalene | 162 | 6.817 | 6.823 | -0.006 | 96 | 19204 | 0.2000 | 0.1989 | |
| 56 Phenyl ether | 170 | 6.903 | 6.910 | -0.007 | 87 | 12639 | 0.2000 | 0.1924 | |
| 57 2-Nitroaniline | 65 | 6.906 | 6.919 | -0.013 | 92 | 7512 | 0.2000 | 0.1786 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.028 | 7.034 | -0.006 | 90 | 13961 | 0.2000 | 0.1983 | |
| 59 Dimethyl phthalate | 163 | 7.091 | 7.102 | -0.011 | 97 | 21041 | 0.2000 | 0.1997 | |
| 60 Coumarin | 146 | 7.104 | 7.118 | -0.014 | 77 | 6694 | 0.2000 | 0.1968 | |
| 61 2,6-Dinitrotoluene | 165 | 7.143 | 7.153 | -0.010 | 84 | 4257 | 0.2000 | 0.1826 | |
| 62 Acenaphthylene | 152 | 7.210 | 7.217 | -0.007 | 98 | 31646 | 0.2000 | 0.1970 | |
| 63 3-Nitroaniline | 138 | 7.296 | 7.309 | -0.013 | 91 | 4282 | 0.2000 | 0.1598 | |
| * 64 Acenaphthene-d10 | 164 | 7.347 | 7.351 | -0.004 | 97 | 627365 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.369 | 7.377 | -0.008 | 96 | 14504 | 0.2000 | 0.1872 | |
| 65 Acenaphthene | 154 | 7.372 | 7.383 | -0.011 | 96 | 17411 | 0.2000 | 0.1873 | |
| 67 2,4-Dinitrophenol | 184 | 7.395 | 7.409 | -0.014 | 81 | 2182 | 0.4000 | 0.3969 | a |
| 68 4-Nitrophenol | 65 | 7.446 | 7.466 | -0.020 | 96 | 6576 | 0.4000 | 0.2936 | |
| 69 2,4-Dinitrotoluene | 165 | 7.519 | 7.533 | -0.014 | 83 | 5039 | 0.2000 | 0.1680 | a |
| 70 Dibenzofuran | 168 | 7.539 | 7.546 | -0.007 | 96 | 26839 | 0.2000 | 0.2005 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.650 | 7.658 | -0.008 | 85 | 4098 | 0.2000 | 0.1815 | |
| 72 Diethyl phthalate | 149 | 7.762 | 7.776 | -0.014 | 96 | 20876 | 0.2000 | 0.1903 | |
| 87 n-Octadecane | 57 | 7.791 | 7.799 | -0.008 | 94 | 15062 | 0.2000 | 0.1728 | |
| 73 Fluorene | 166 | 7.861 | 7.872 | -0.011 | 94 | 21341 | 0.2000 | 0.1952 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.867 | 7.872 | -0.005 | 82 | 9508 | 0.2000 | 0.2061 | |
| 75 4-Nitroaniline | 138 | 7.871 | 7.891 | -0.020 | 91 | 3958 | 0.2000 | 0.1555 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.906 | 7.920 | -0.014 | 63 | 4504 | 0.4000 | 0.2517 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.976 | 7.987 | -0.011 | 93 | 14518 | 0.2000 | 0.1845 | |
| 131 Azobenzene | 77 | 8.017 | 8.026 | -0.009 | 98 | 23145 | 0.2000 | 0.1730 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.017 | 8.026 | -0.009 | 50 | 23145 | 0.2000 | 0.1789 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.088 | 8.096 | -0.008 | 94 | 173724 | 10.0 | 10.2 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.330 | 8.336 | -0.006 | 77 | 4979 | 0.2000 | 0.1844 | |
| 82 Hexachlorobenzene | 284 | 8.381 | 8.390 | -0.009 | 95 | 5929 | 0.2000 | 0.2045 | |
| 83 Atrazine | 200 | 8.484 | 8.496 | -0.012 | 84 | 4416 | 0.2000 | 0.1713 | |
| 84 Pentachlorophenol | 266 | 8.567 | 8.576 | -0.009 | 90 | 5563 | 0.4000 | 0.2850 | |
| 85 Pentachloronitrobenzene | 237 | 8.583 | 8.592 | -0.009 | 80 | 1276 | 0.2000 | 0.1456 | |
| * 88 Phenanthrene-d10 | 188 | 8.752 | 8.758 | -0.006 | 99 | 1079615 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 8.771 | 8.780 | -0.009 | 95 | 30278 | 0.2000 | 0.2027 | |
| 90 Anthracene | 178 | 8.819 | 8.828 | -0.009 | 99 | 30680 | 0.2000 | 0.2000 | |
| 91 Carbazole | 167 | 8.969 | 8.979 | -0.010 | 97 | 25787 | 0.2000 | 0.1905 | |
| 92 Di-n-butyl phthalate | 149 | 9.320 | 9.327 | -0.007 | 99 | 26279 | 0.2000 | 0.1672 | |
| 93 Fluoranthene | 202 | 9.898 | 9.908 | -0.010 | 96 | 26172 | 0.2000 | 0.1929 | |
| 94 Benzidine | 184 | 10.025 | 10.036 | -0.011 | 96 | 2794 | 0.2000 | 0.1348 | Ma |
| 95 Pyrene | 202 | 10.112 | 10.122 | -0.010 | 94 | 26489 | 0.2000 | 0.1845 | |
| $ 97 Terphenyl-d14 | 244 | 10.274 | 10.282 | -0.008 | 97 | 1176205 | 10.0 | 10.1 | |
| 98 Butyl benzyl phthalate | 149 | 10.785 | 10.796 | -0.011 | 96 | 8465 | 0.2000 | 0.1453 | |
| 100 Carbamazepine | 193 | 10.881 | 10.895 | -0.014 | 90 | 4413 | 0.2000 | 0.2593 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.360 | 11.371 | -0.011 | 96 | 5046 | 0.2000 | 0.1298 | |
| 102 Benzo[a]anthracene | 228 | 11.385 | 11.394 | -0.009 | 99 | 23544 | 0.2000 | 0.1938 | |
| * 103 Chrysene-d12 | 240 | 11.395 | 11.407 | -0.012 | 98 | 664140 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.424 | 11.439 | -0.015 | 96 | 19472 | 0.2000 | 0.1864 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.465 | 11.474 | -0.009 | 88 | 11757 | 0.2000 | 0.1503 | |
| 106 Di-n-octyl phthalate | 149 | 12.317 | 12.330 | -0.013 | 96 | 14519 | 0.2000 | 0.2514 | a |
| 107 Benzo[b]fluoranthene | 252 | 12.768 | 12.787 | -0.019 | 96 | 16548 | 0.2000 | 0.1805 | |
| 108 Benzo[k]fluoranthene | 252 | 12.806 | 12.828 | -0.022 | 97 | 18070 | 0.2000 | 0.1880 | |
| 109 Benzo[a]pyrene | 252 | 13.224 | 13.240 | -0.016 | 94 | 14673 | 0.2000 | 0.1742 | |
| * 110 Perylene-d12 | 264 | 13.310 | 13.320 | -0.010 | 97 | 623866 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.884 | 14.917 | -0.033 | 96 | 13611 | 0.2000 | 0.1751 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.935 | 14.965 | -0.030 | 97 | 14483 | 0.2000 | 0.1846 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.328 | 15.362 | -0.034 | 96 | 14237 | 0.2000 | 0.1854 | a |
| S 115 Total Cresols | 1 | | | | 0 | | | 0.3798 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SV_BNAL2_LVI_00007 Amount Added: 1.00 Units: mL

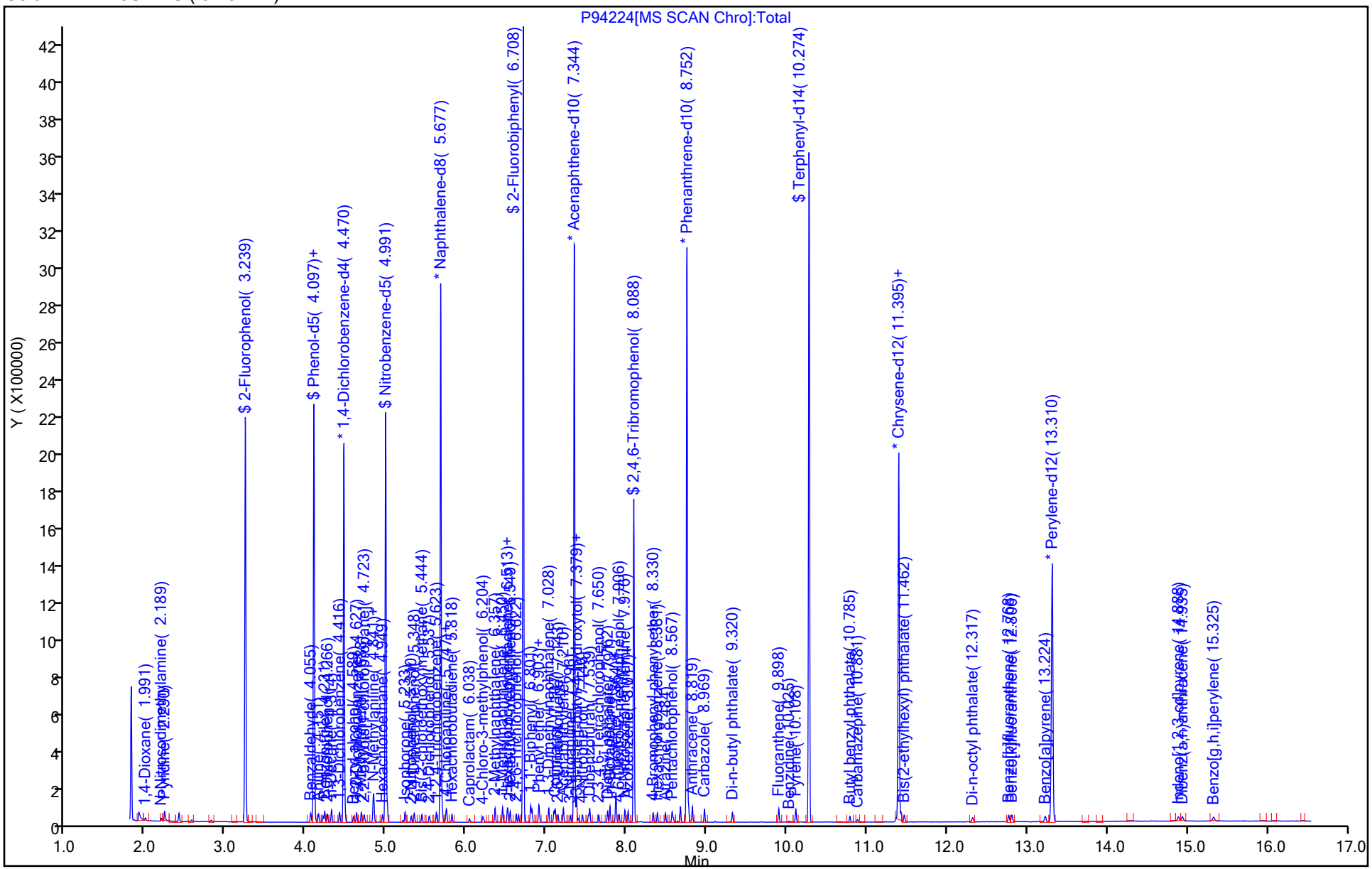
Report Date: 11-Aug-2025 12:47:42 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94224.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Aug-2025 10:51:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | STD02 | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

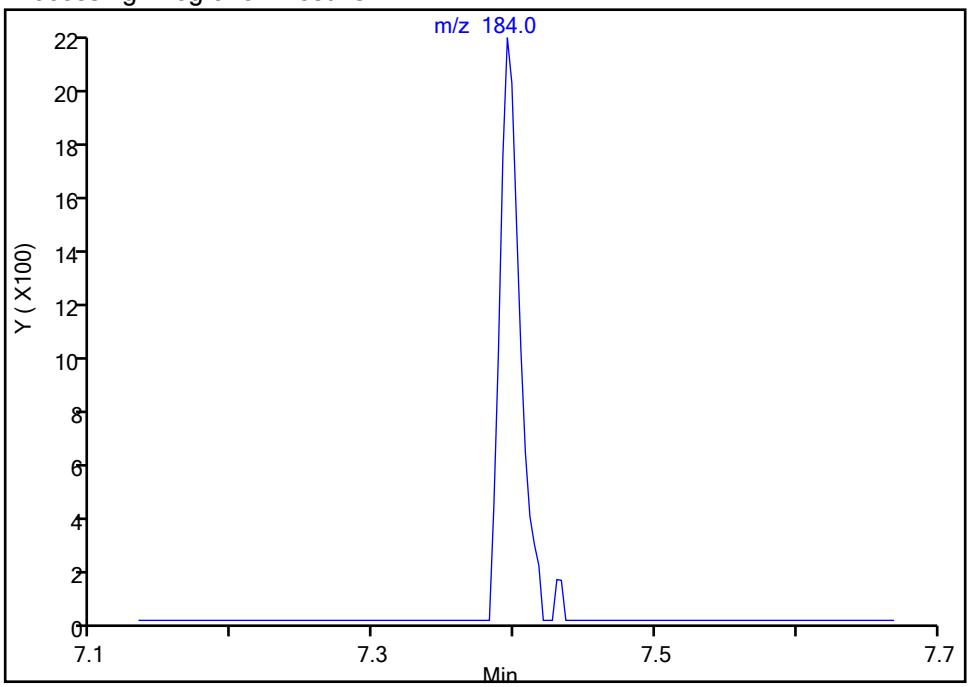
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94224.D
Injection Date: 11-Aug-2025 10:51:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

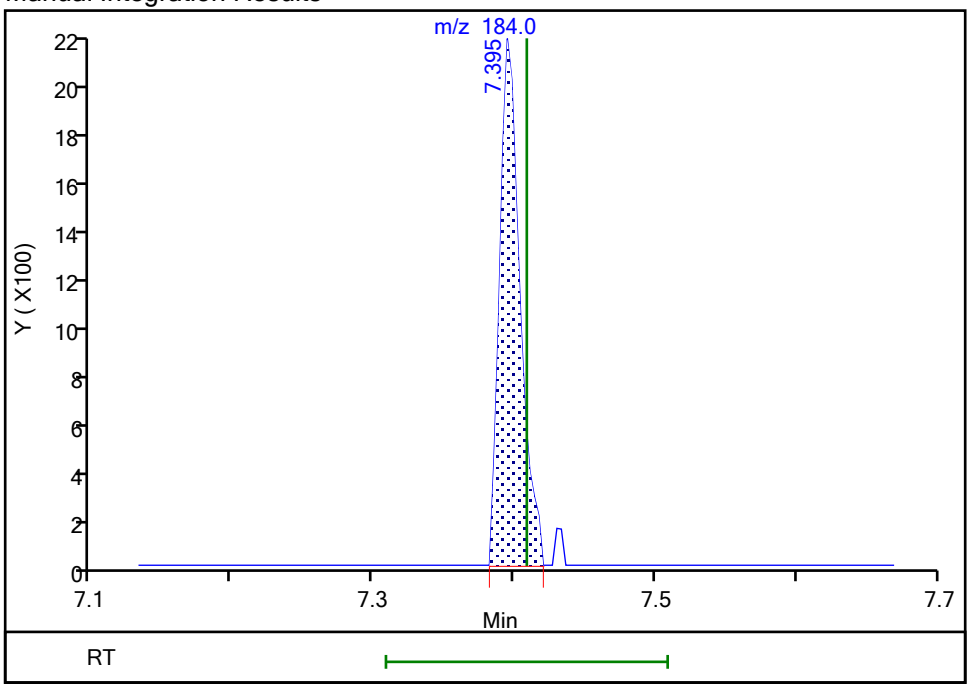
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.39
Area: 2182
Amount: 0.396868
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:18:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

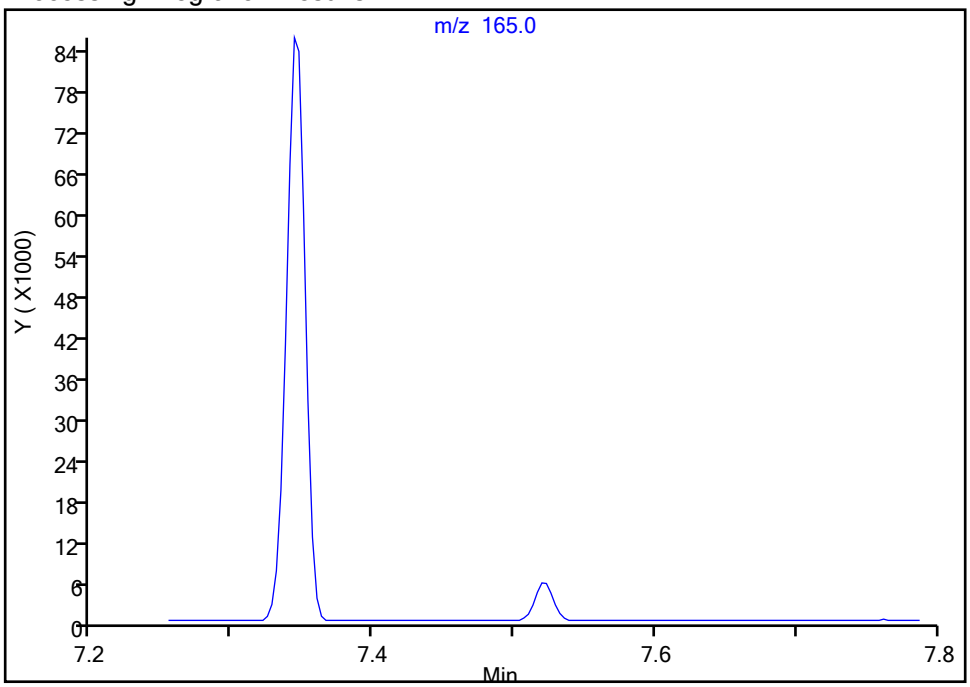
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94224.D
Injection Date: 11-Aug-2025 10:51:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

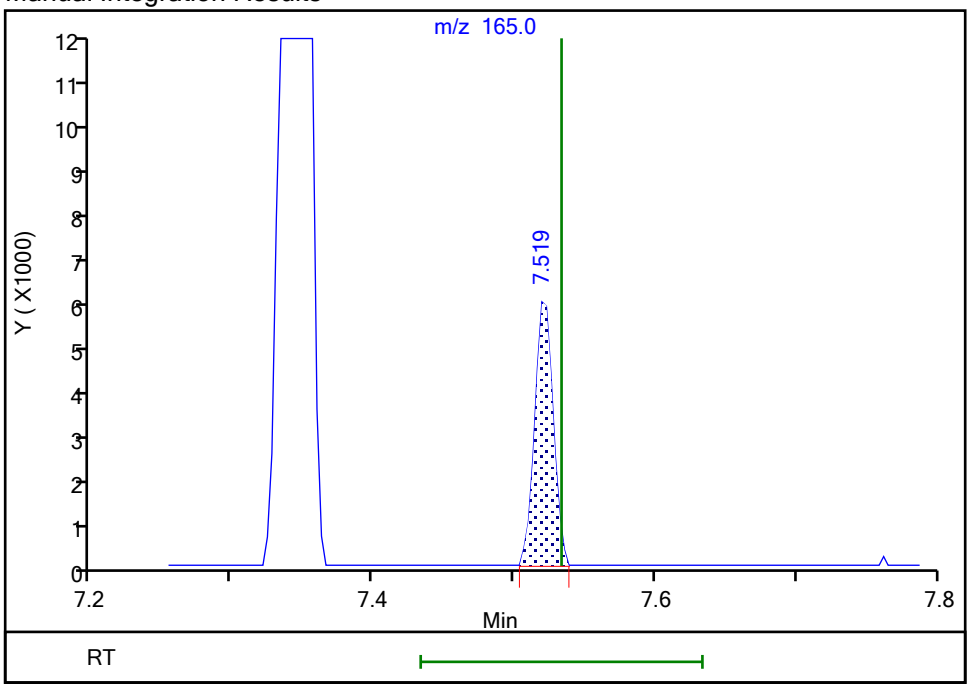
Not Detected
Expected RT: 7.53

Processing Integration Results




Manual Integration Results

RT: 7.52
Area: 5039
Amount: 0.168000
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:19:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

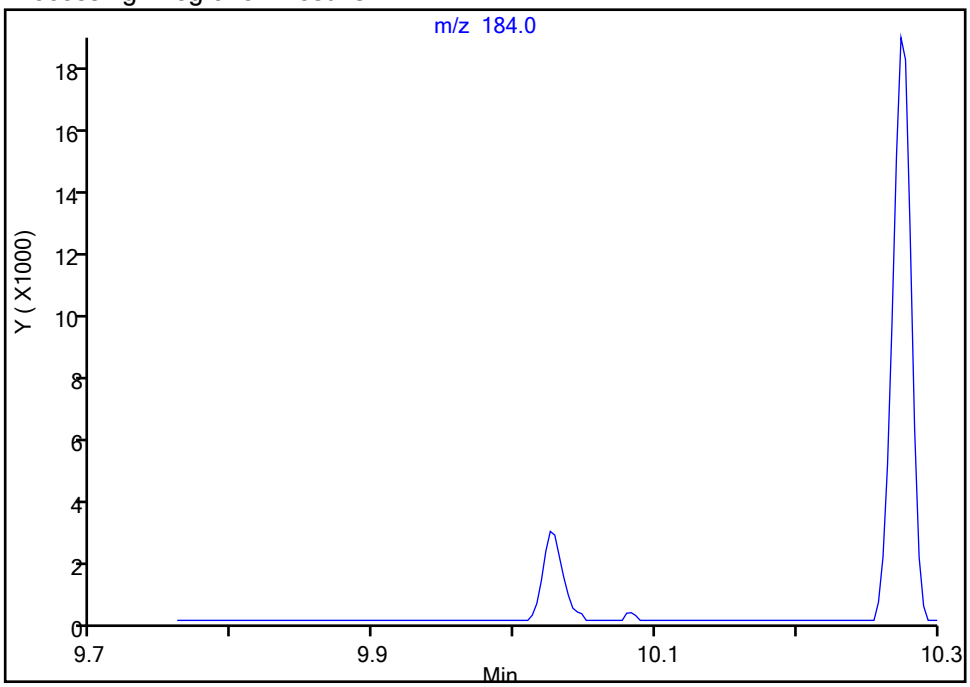
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94224.D
Injection Date: 11-Aug-2025 10:51:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Benzidine, CAS: 92-87-5

Signal: 1

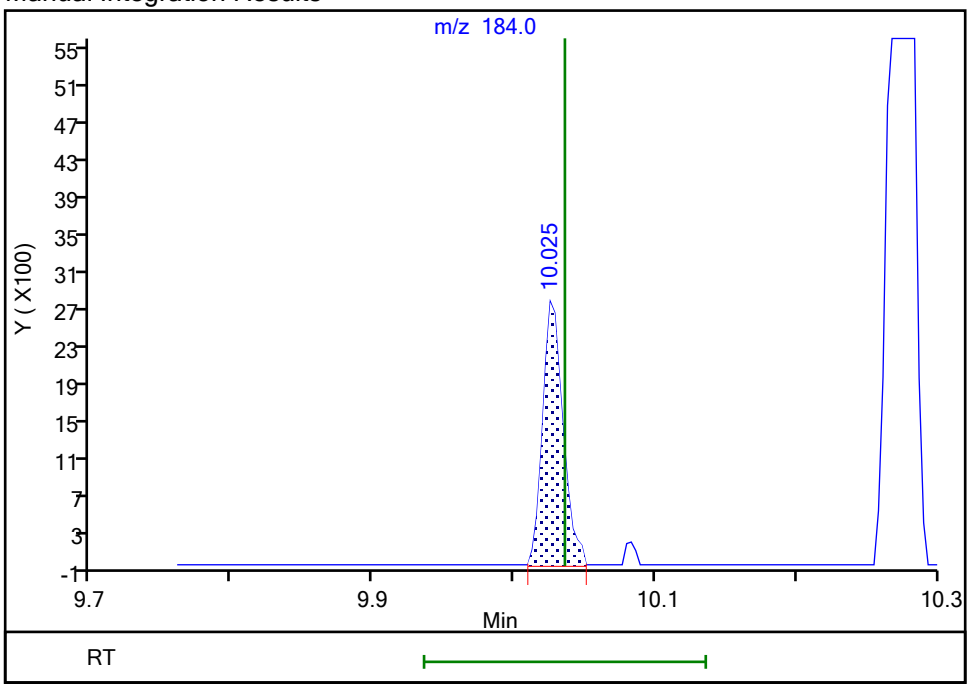
Not Detected
Expected RT: 10.04

Processing Integration Results




Manual Integration Results

RT: 10.03
Area: 2794
Amount: 0.134753
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:19:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

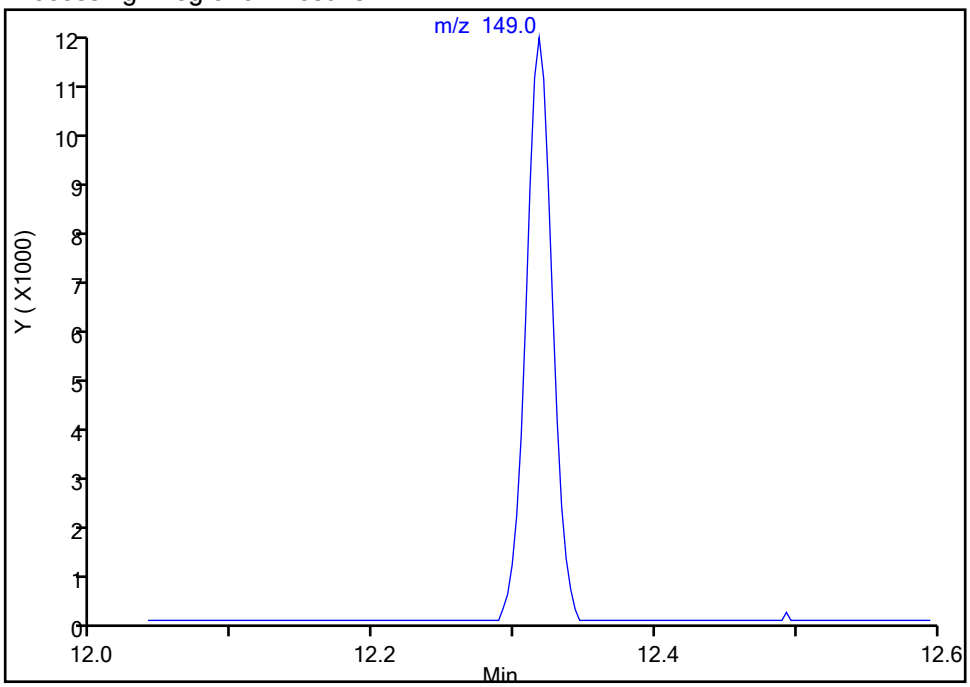
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94224.D
Injection Date: 11-Aug-2025 10:51:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 106 Di-n-octyl phthalate, CAS: 117-84-0

Signal: 1

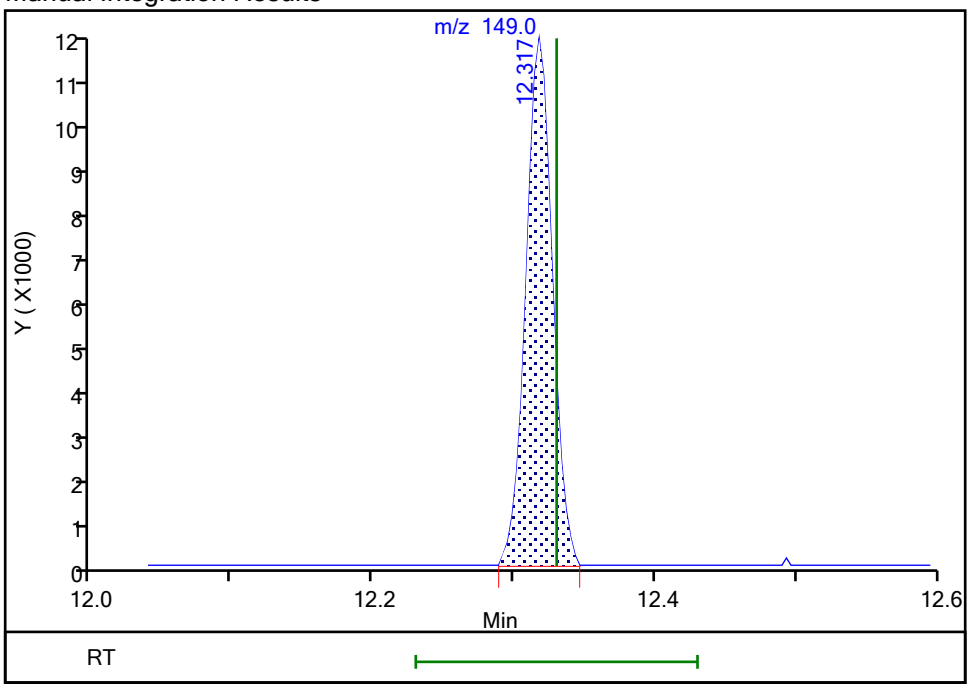
Not Detected
Expected RT: 12.33

Processing Integration Results




Manual Integration Results

RT: 12.32
Area: 14519
Amount: 0.251378
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:19:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

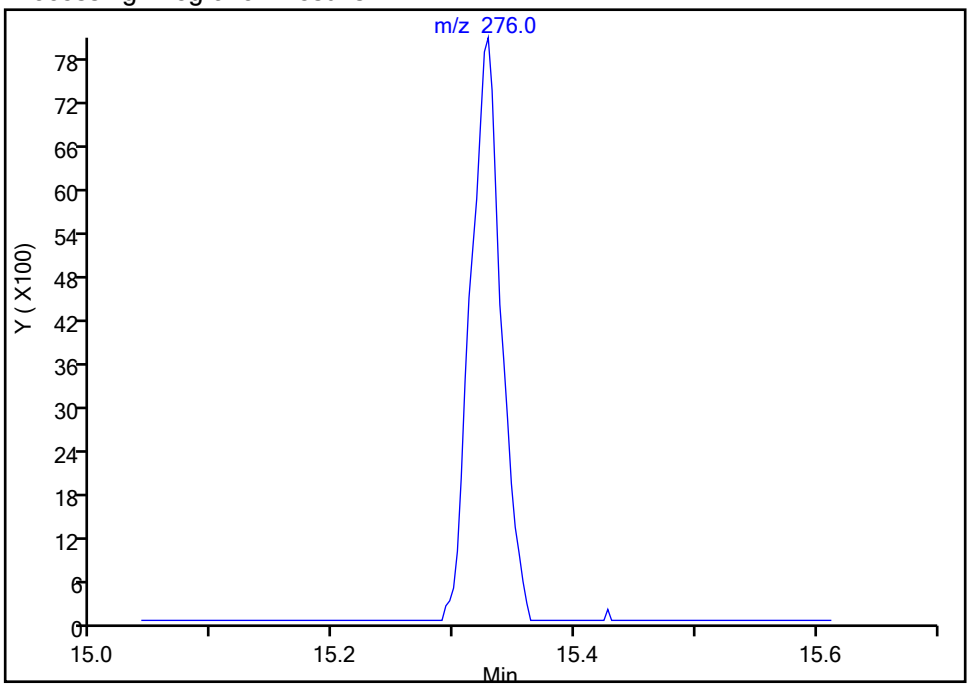
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94224.D
Injection Date: 11-Aug-2025 10:51:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 113 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

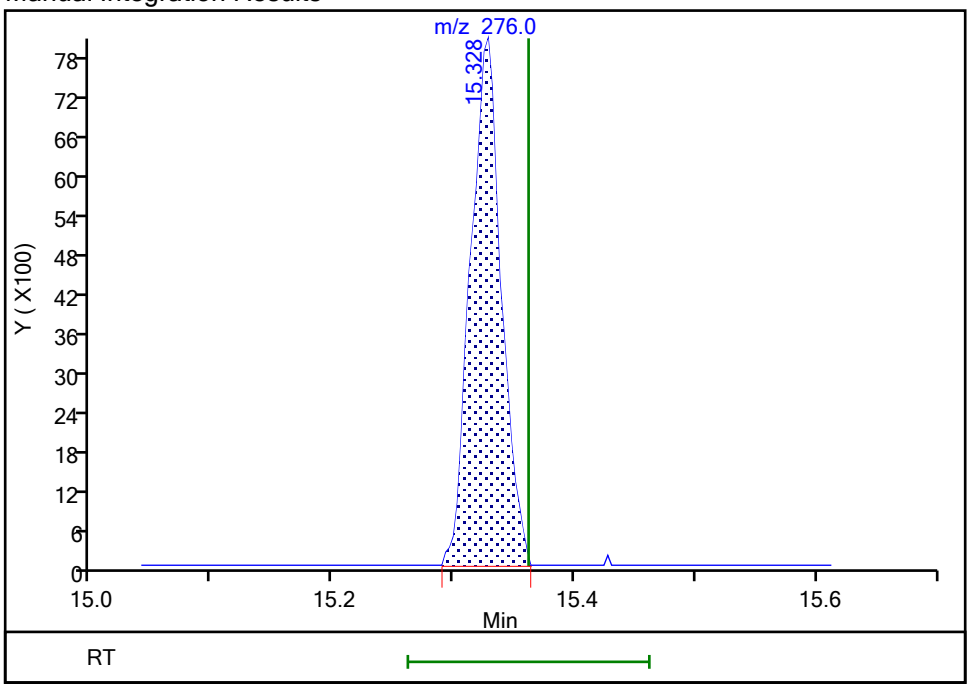
Not Detected
Expected RT: 15.36

Processing Integration Results




Manual Integration Results

RT: 15.33
Area: 14237
Amount: 0.185353
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:19:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94225.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Aug-2025 11:13:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-010
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:45 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 11:34:53

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.991 | 1.984 | 0.007 | 96 | 2901 | 0.1000 | 0.1001 | M |
| 3 Pyridine | 79 | 2.233 | 2.217 | 0.016 | 95 | 10871 | 0.2000 | 0.1787 | |
| $ 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 94 | 629461 | 10.0 | 10.2 | |
| $ 6 Phenol-d5 | 99 | 4.094 | 4.101 | -0.007 | 0 | 810471 | 10.0 | 10.3 | |
| 8 Aniline | 93 | 4.151 | 4.158 | -0.007 | 98 | 9112 | 0.1000 | 0.0952 | |
| 9 Bis(2-chloroethyl)ether | 93 | 4.206 | 4.216 | -0.010 | 91 | 5651 | 0.1000 | 0.0939 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.467 | 4.471 | -0.004 | 98 | 322399 | 8.00 | 8.00 | |
| 22 N-Methylaniline | 106 | 4.834 | 4.842 | -0.008 | 81 | 9328 | 0.1000 | 0.0989 | |
| 24 N-Nitrosodi-n-propylamine | 70 | 4.844 | 4.855 | -0.011 | 72 | 4118 | 0.1000 | 0.0915 | |
| 27 Hexachloroethane | 117 | 4.949 | 4.954 | -0.005 | 90 | 2434 | 0.1000 | 0.1010 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.991 | 4.995 | -0.004 | 89 | 757939 | 10.0 | 10.2 | |
| 29 Nitrobenzene | 123 | 5.007 | 5.018 | -0.011 | 88 | 2764 | 0.1000 | 0.0929 | |
| 30 n,n'-Dimethylaniline | 120 | 5.010 | 5.018 | -0.008 | 88 | 8364 | 0.1000 | 0.0900 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.623 | 5.628 | -0.005 | 91 | 4343 | 0.1000 | 0.0954 | |
| * 38 Naphthalene-d8 | 136 | 5.677 | 5.682 | -0.005 | 100 | 1304737 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.696 | 5.705 | -0.009 | 98 | 16104 | 0.1000 | 0.0914 | |
| 40 4-Chloroaniline | 127 | 5.744 | 5.753 | -0.009 | 95 | 5686 | 0.1000 | 0.0833 | |
| 42 Hexachlorobutadiene | 225 | 5.818 | 5.823 | -0.005 | 87 | 2276 | 0.1000 | 0.0973 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.708 | 6.712 | -0.004 | 97 | 1283482 | 10.0 | 10.3 | |
| 54 1,1'-Biphenyl | 154 | 6.801 | 6.807 | -0.006 | 95 | 12488 | 0.1000 | 0.0947 | |
| * 64 Acenaphthene-d10 | 164 | 7.347 | 7.351 | -0.005 | 97 | 635141 | 8.00 | 8.00 | |
| 67 2,4-Dinitrophenol | 184 | 7.394 | 7.409 | -0.015 | 75 | 519 | 0.2000 | 0.2811 | a |
| 78 1,2-Diphenylhydrazine | 77 | 8.017 | 8.026 | -0.009 | 50 | 11498 | 0.1000 | 0.0864 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.087 | 8.096 | -0.009 | 93 | 182610 | 10.0 | 10.6 | |
| 82 Hexachlorobenzene | 284 | 8.381 | 8.390 | -0.009 | 94 | 3133 | 0.1000 | 0.1050 | |
| * 88 Phenanthrene-d10 | 188 | 8.751 | 8.758 | -0.007 | 99 | 1110651 | 8.00 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 10.277 | 10.282 | -0.005 | 97 | 1221675 | 10.0 | 10.5 | |
| 102 Benzo[a]anthracene | 228 | 11.385 | 11.394 | -0.010 | 97 | 11598 | 0.1000 | 0.0855 | |
| * 103 Chrysene-d12 | 240 | 11.394 | 11.407 | -0.013 | 99 | 662193 | 8.00 | 8.00 | |
| 107 Benzo[b]fluoranthene | 252 | 12.770 | 12.787 | -0.017 | 96 | 7677 | 0.1000 | 0.0837 | |
| 108 Benzo[k]fluoranthene | 252 | 12.808 | 12.828 | -0.020 | 96 | 8177 | 0.1000 | 0.0850 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 109 Benzo[a]pyrene | 252 | 13.223 | 13.240 | -0.017 | 95 | 7103 | 0.1000 | 0.0842 | |
| * 110 Perylene-d12 | 264 | 13.309 | 13.320 | -0.011 | 97 | 624380 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.887 | 14.917 | -0.030 | 95 | 6471 | 0.1000 | 0.0832 | a |
| 112 Dibenz(a,h)anthracene | 278 | 14.938 | 14.965 | -0.027 | 95 | 6133 | 0.1000 | 0.0781 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.327 | 15.362 | -0.035 | 97 | 7239 | 0.1000 | 0.0942 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SV_BNAL1_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:47:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94225.D

Injection Date: 11-Aug-2025 11:13:30 Instrument ID: CBNAMS18 Operator ID:

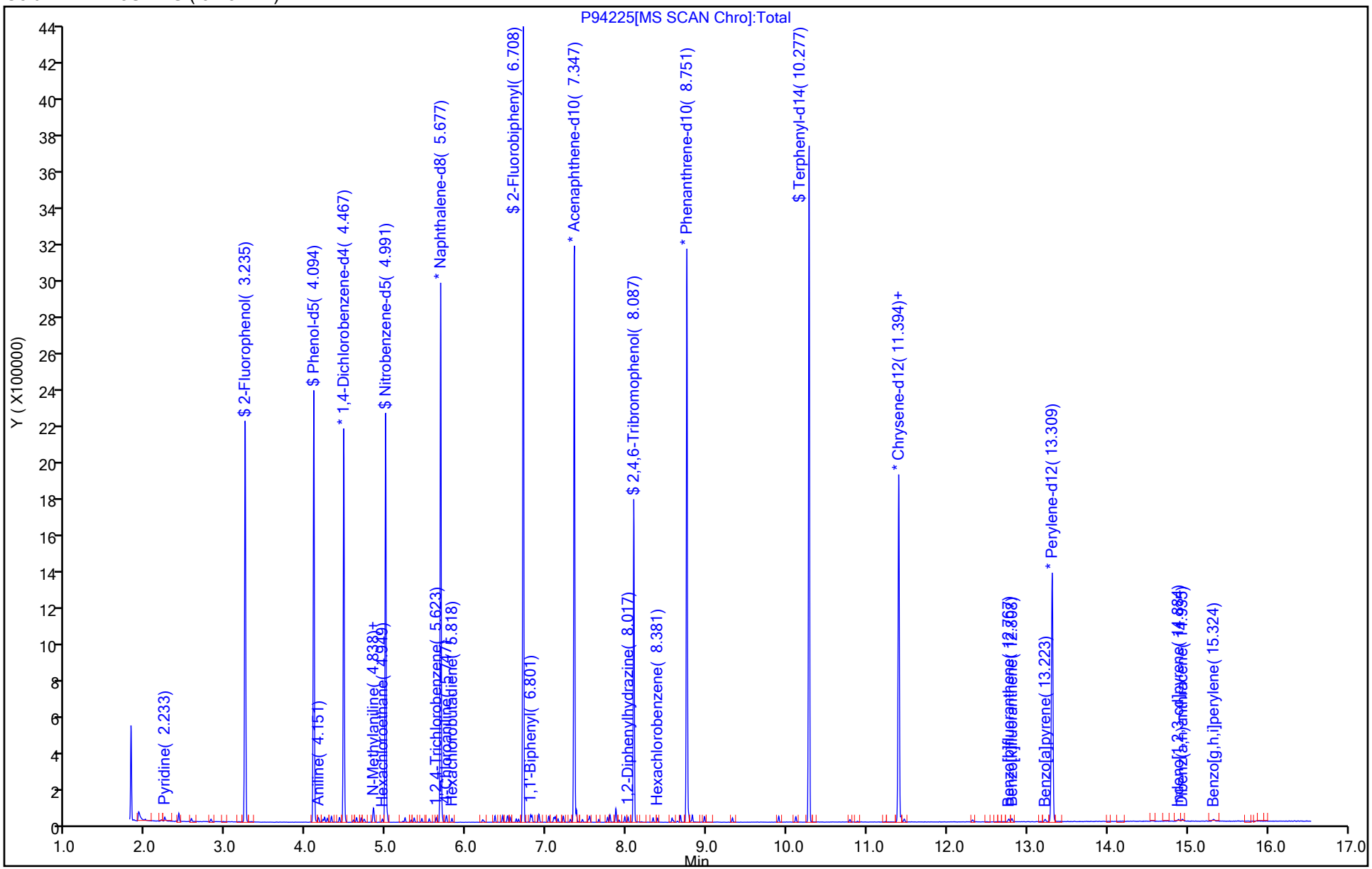
Lims ID: STD01 Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

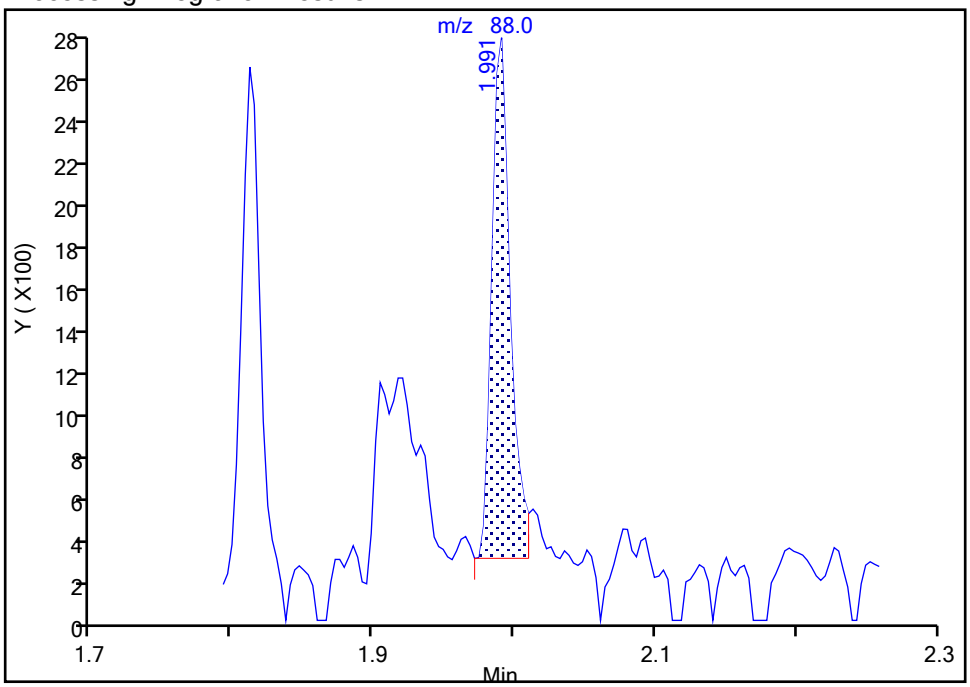
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94225.D
Injection Date: 11-Aug-2025 11:13:30 Instrument ID: CBNAMS18
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

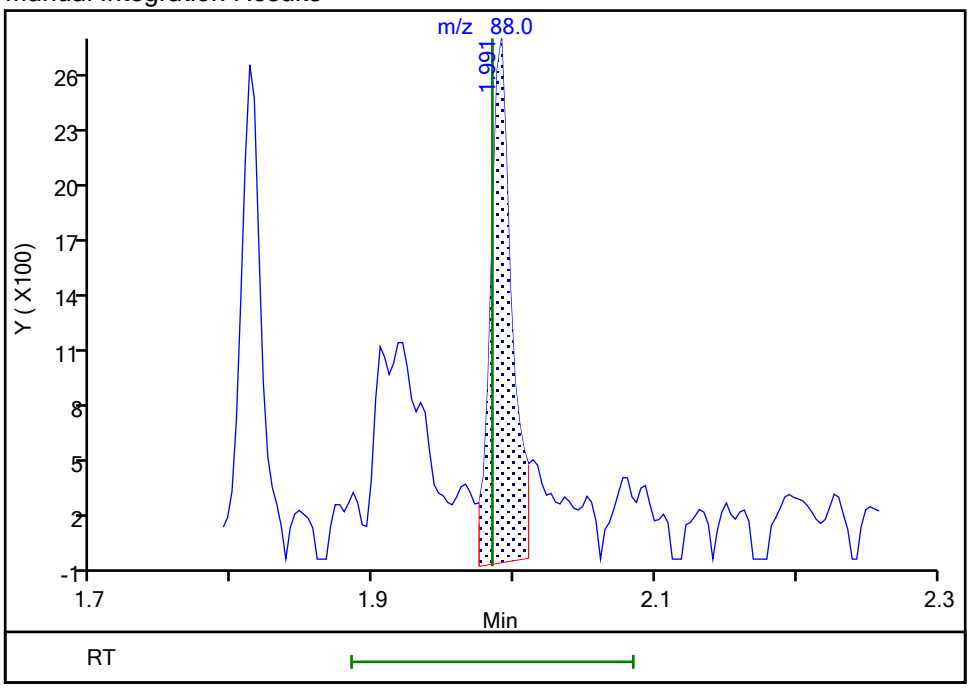
Processing Integration Results

RT: 1.99
Area: 2209
Amount: 0.150760
Amount Units: ug/ml




Manual Integration Results

RT: 1.99
Area: 2901
Amount: 0.100061
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 12:06:38 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

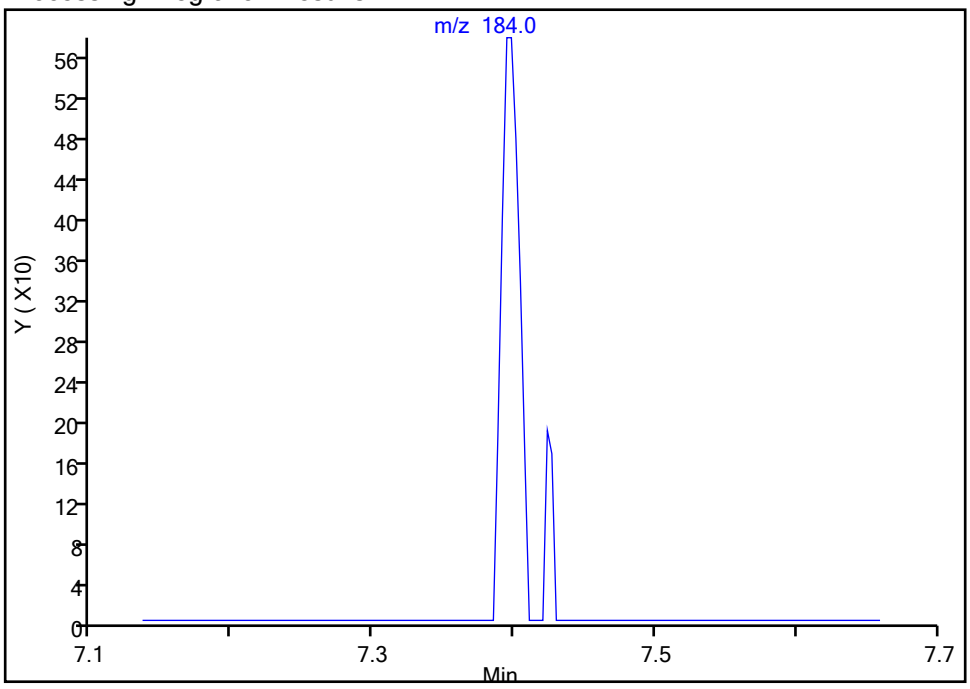
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94225.D
Injection Date: 11-Aug-2025 11:13:30 Instrument ID: CBNAMS18
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

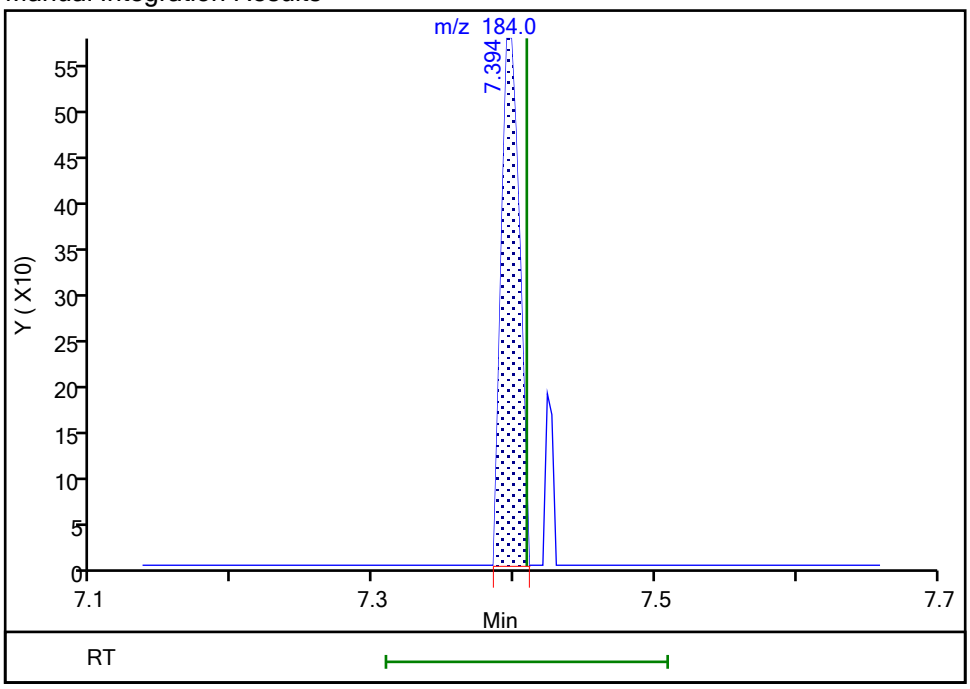
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.39
Area: 519
Amount: 0.281070
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:34:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

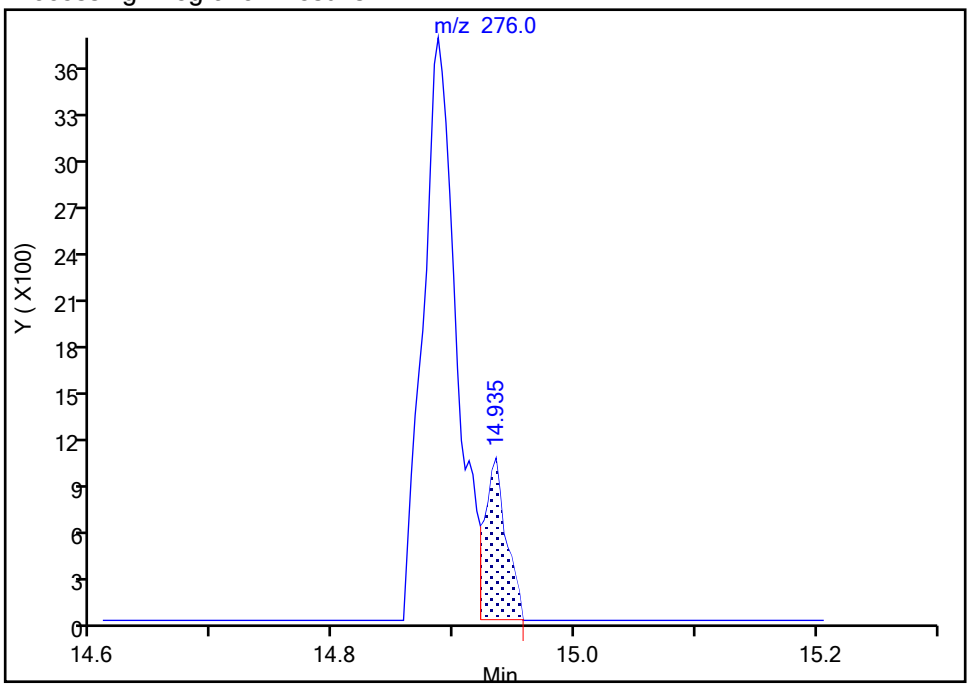
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94225.D
Injection Date: 11-Aug-2025 11:13:30 Instrument ID: CBNAMS18
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 111 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

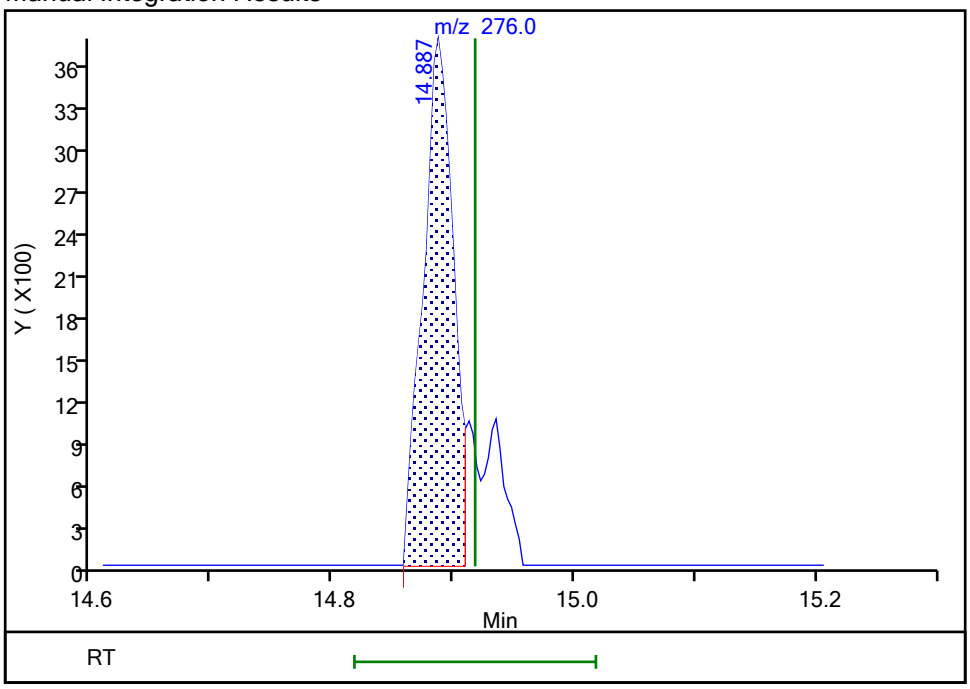
Processing Integration Results

RT: 14.93
Area: 1286
Amount: 0.092932
Amount Units: ug/ml




Manual Integration Results

RT: 14.89
Area: 6471
Amount: 0.083164
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:34:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Report Date: 11-Aug-2025 12:47:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Lims ID: STD002
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 11-Aug-2025 11:34:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-011
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:47:50 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 12:32:52

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.991 | 1.984 | 0.007 | 82 | 1027 | 0.0200 | 0.0246 | M |
| 3 Pyridine | 79 | 2.252 | 2.217 | 0.035 | 86 | 1628 | 0.0400 | 0.0280 | |
| $ 4 2-Fluorophenol | 112 | 3.235 | 3.239 | -0.004 | 93 | 569802 | 10.0 | 9.68 | |
| $ 6 Phenol-d5 | 99 | 4.094 | 4.101 | -0.007 | 0 | 726770 | 10.0 | 9.62 | |
| 8 Aniline | 93 | 4.154 | 4.158 | -0.004 | 94 | 2193 | 0.0200 | 0.0240 | |
| 9 Bis(2-chloroethyl)ether | 93 | 4.209 | 4.216 | -0.007 | 95 | 1531 | 0.0200 | 0.0266 | |
| 13 1,3-Dichlorobenzene | 146 | 4.413 | 4.420 | -0.007 | 92 | 1215 | 0.0200 | 0.0206 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.467 | 4.471 | -0.004 | 98 | 308233 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 4.483 | 4.487 | -0.004 | 84 | 1442 | 0.0200 | 0.0237 | a |
| 18 1,2-Dichlorobenzene | 146 | 4.627 | 4.631 | -0.004 | 91 | 1633 | 0.0200 | 0.0277 | |
| 22 N-Methylaniline | 106 | 4.834 | 4.842 | -0.008 | 82 | 1855 | 0.0200 | 0.0206 | a |
| 24 N-Nitrosodi-n-propylamine | 70 | 4.844 | 4.855 | -0.011 | 67 | 769 | 0.0200 | 0.0179 | a |
| 27 Hexachloroethane | 117 | 4.952 | 4.954 | -0.002 | 67 | 537 | 0.0200 | 0.0233 | a |
| $ 28 Nitrobenzene-d5 | 82 | 4.991 | 4.995 | -0.005 | 89 | 694193 | 10.0 | 9.57 | |
| 29 Nitrobenzene | 123 | 5.010 | 5.018 | -0.008 | 88 | 673 | 0.0200 | 0.0237 | a |
| 30 n,n'-Dimethylaniline | 120 | 5.010 | 5.018 | -0.008 | 83 | 1678 | 0.0200 | 0.0189 | a |
| 31 Isophorone | 82 | 5.233 | 5.244 | -0.011 | 95 | 2218 | 0.0200 | 0.0194 | a |
| 37 1,2,4-Trichlorobenzene | 180 | 5.622 | 5.628 | -0.006 | 86 | 935 | 0.0200 | 0.0211 | |
| * 38 Naphthalene-d8 | 136 | 5.677 | 5.682 | -0.005 | 100 | 1267159 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.696 | 5.705 | -0.009 | 98 | 4059 | 0.0200 | 0.0237 | |
| 40 4-Chloroaniline | 127 | 5.744 | 5.753 | -0.009 | 88 | 1366 | 0.0200 | 0.0206 | |
| 42 Hexachlorobutadiene | 225 | 5.817 | 5.823 | -0.006 | 80 | 500 | 0.0200 | 0.0220 | |
| 46 2-Methylnaphthalene | 142 | 6.356 | 6.363 | -0.007 | 90 | 2291 | 0.0200 | 0.0227 | |
| 47 1-Methylnaphthalene | 142 | 6.449 | 6.456 | -0.007 | 86 | 2257 | 0.0200 | 0.0220 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.545 | 6.552 | -0.007 | 75 | 1061 | 0.0200 | 0.0165 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.621 | 6.628 | -0.007 | 77 | 241 | 0.0200 | 0.0202 | a |
| $ 53 2-Fluorobiphenyl | 172 | 6.707 | 6.712 | -0.005 | 97 | 1199270 | 10.0 | 9.73 | |
| 54 1,1'-Biphenyl | 154 | 6.800 | 6.807 | -0.007 | 91 | 2627 | 0.0200 | 0.0201 | |
| 61 2,6-Dinitrotoluene | 165 | 7.138 | 7.153 | -0.015 | 71 | 445 | 0.0200 | 0.0190 | |
| * 64 Acenaphthene-d10 | 164 | 7.346 | 7.351 | -0.005 | 97 | 629563 | 8.00 | 8.00 | |
| 69 2,4-Dinitrotoluene | 165 | 7.521 | 7.533 | -0.012 | 76 | 446 | 0.0200 | 0.0148 | a |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 78 1,2-Diphenylhydrazine | 77 | 8.016 | 8.026 | -0.010 | 49 | 2330 | 0.0200 | 0.0180 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.089 | 8.096 | -0.007 | 95 | 166584 | 10.0 | 9.73 | |
| 82 Hexachlorobenzene | 284 | 8.383 | 8.390 | -0.007 | 74 | 396 | 0.0200 | 0.0137 | a |
| 83 Atrazine | 200 | 8.485 | 8.496 | -0.011 | 76 | 500 | 0.0200 | 0.0194 | a |
| * 88 Phenanthrene-d10 | 188 | 8.750 | 8.758 | -0.008 | 99 | 1079436 | 8.00 | 8.00 | |
| 95 Pyrene | 202 | 10.110 | 10.122 | -0.012 | 93 | 2789 | 0.0200 | 0.0200 | |
| $ 97 Terphenyl-d14 | 244 | 10.276 | 10.282 | -0.006 | 98 | 1104611 | 10.0 | 9.72 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.361 | 11.371 | -0.010 | 86 | 681 | 0.0200 | 0.0180 | |
| 102 Benzo[a]anthracene | 228 | 11.390 | 11.394 | -0.004 | 47 | 4385 | 0.0200 | 0.0207 | |
| * 103 Chrysene-d12 | 240 | 11.396 | 11.407 | -0.011 | 99 | 646428 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.422 | 11.439 | -0.017 | 93 | 2085 | 0.0200 | 0.0205 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.463 | 11.474 | -0.011 | 81 | 1272 | 0.0200 | 0.0297 | a |
| 107 Benzo[b]fluoranthene | 252 | 12.769 | 12.787 | -0.018 | 93 | 1665 | 0.0200 | 0.0185 | |
| 108 Benzo[k]fluoranthene | 252 | 12.804 | 12.828 | -0.024 | 88 | 1688 | 0.0200 | 0.0179 | a |
| 109 Benzo[a]pyrene | 252 | 13.222 | 13.240 | -0.018 | 94 | 1451 | 0.0200 | 0.0176 | a |
| * 110 Perylene-d12 | 264 | 13.311 | 13.320 | -0.009 | 96 | 610827 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.889 | 14.917 | -0.028 | 88 | 1179 | 0.0200 | 0.0155 | M |
| 112 Dibenz(a,h)anthracene | 278 | 14.933 | 14.965 | -0.032 | 94 | 1345 | 0.0200 | 0.0175 | Ma |
| 113 Benzo[g,h,i]perylene | 276 | 15.326 | 15.362 | -0.036 | 84 | 1130 | 0.0200 | 0.0150 | M |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

8270_3511_L1_00001 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:47:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18 Operator ID:

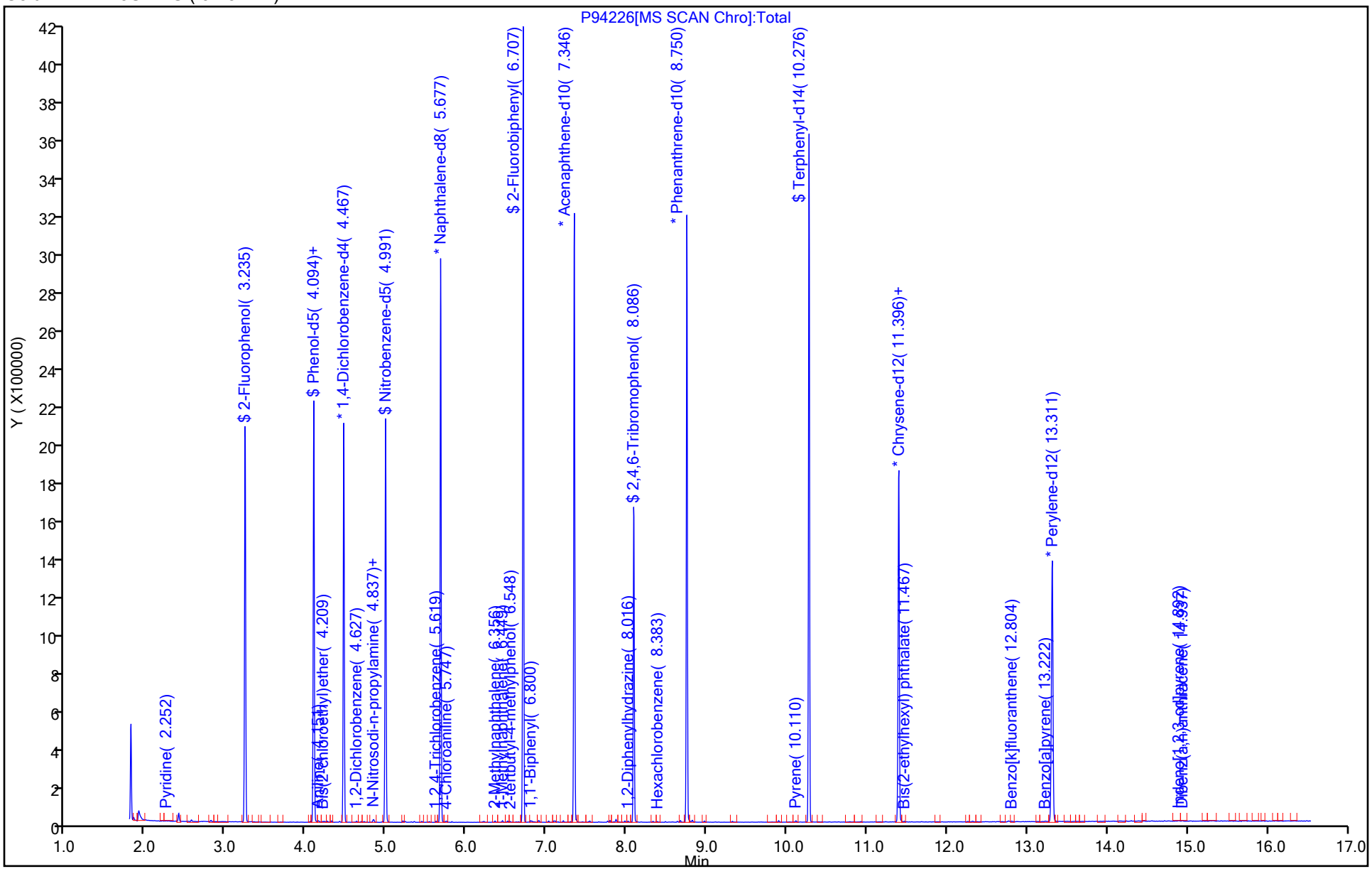
Lims ID: STD002 Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

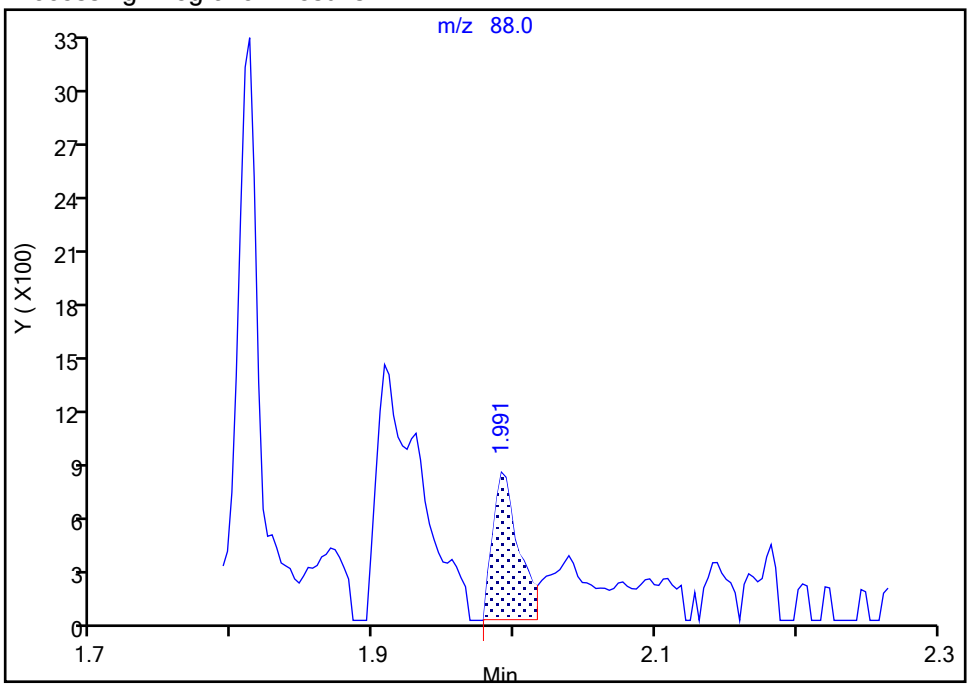
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

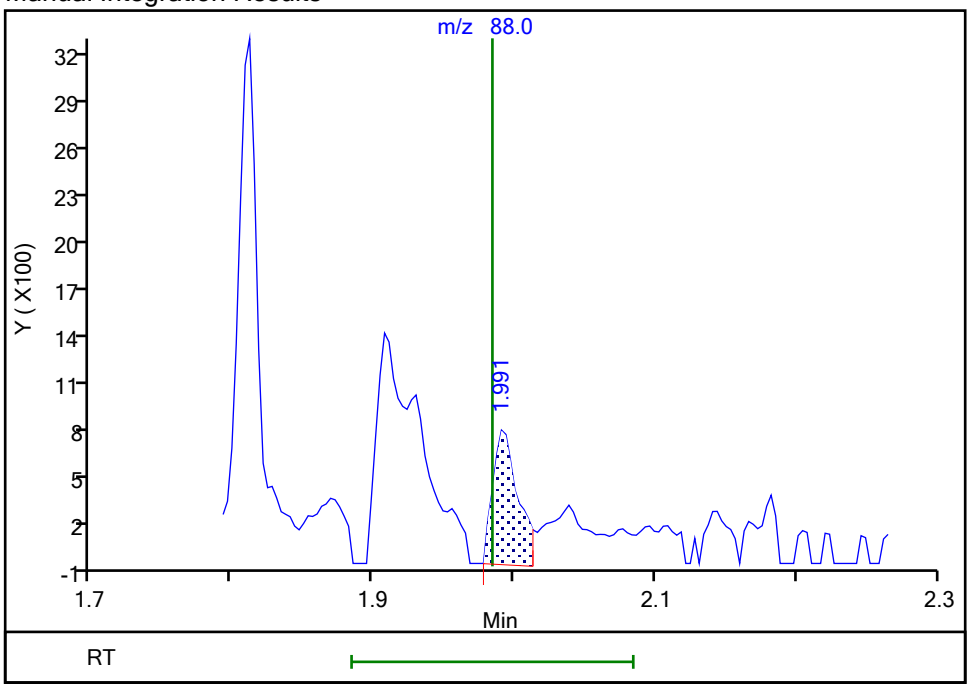
Processing Integration Results

RT: 1.99
Area: 1046
Amount: 0.119899
Amount Units: ug/ml




Manual Integration Results

RT: 1.99
Area: 1027
Amount: 0.024566
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 12:06:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

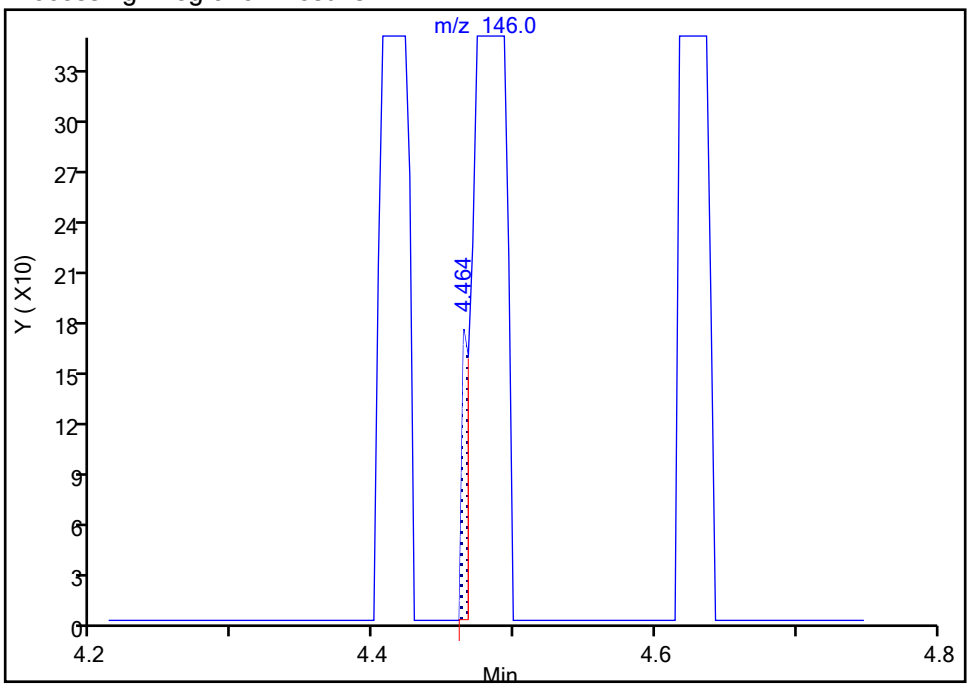
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 15 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

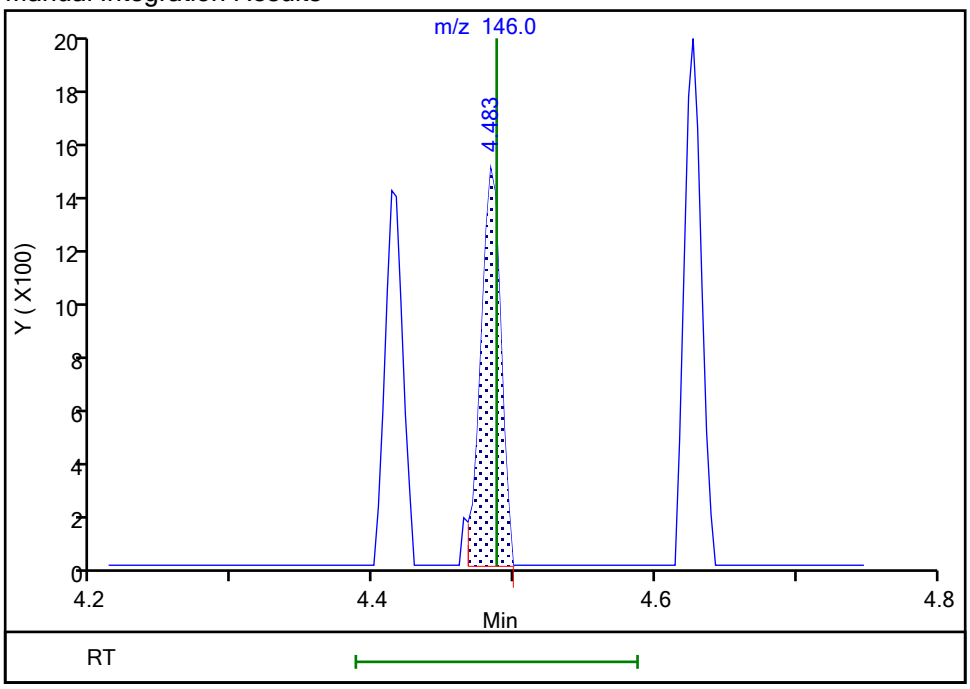
Processing Integration Results

RT: 4.46
Area: 64
Amount: 0.019971
Amount Units: ug/ml




Manual Integration Results

RT: 4.48
Area: 1442
Amount: 0.023660
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:56:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

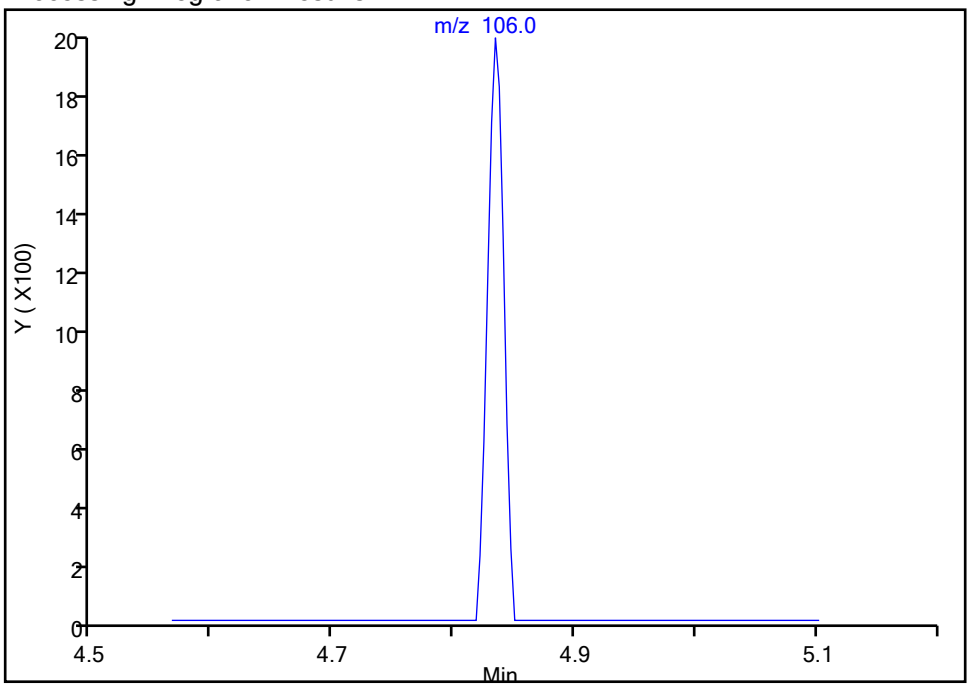
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Methylaniline, CAS: 100-61-8

Signal: 1

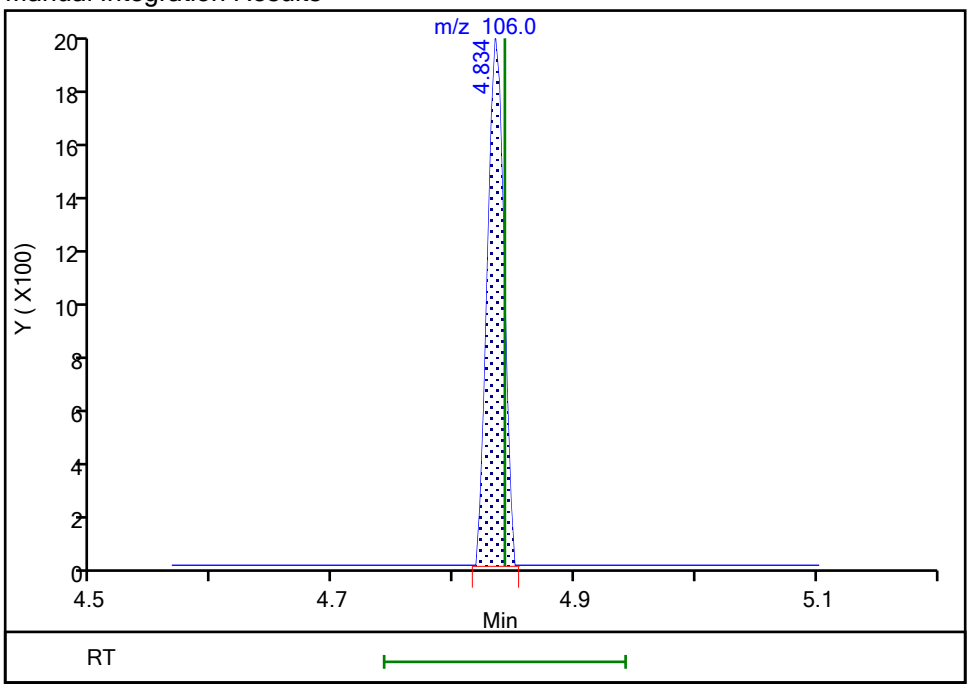
Not Detected
Expected RT: 4.84

Processing Integration Results




Manual Integration Results

RT: 4.83
Area: 1855
Amount: 0.020582
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:56:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

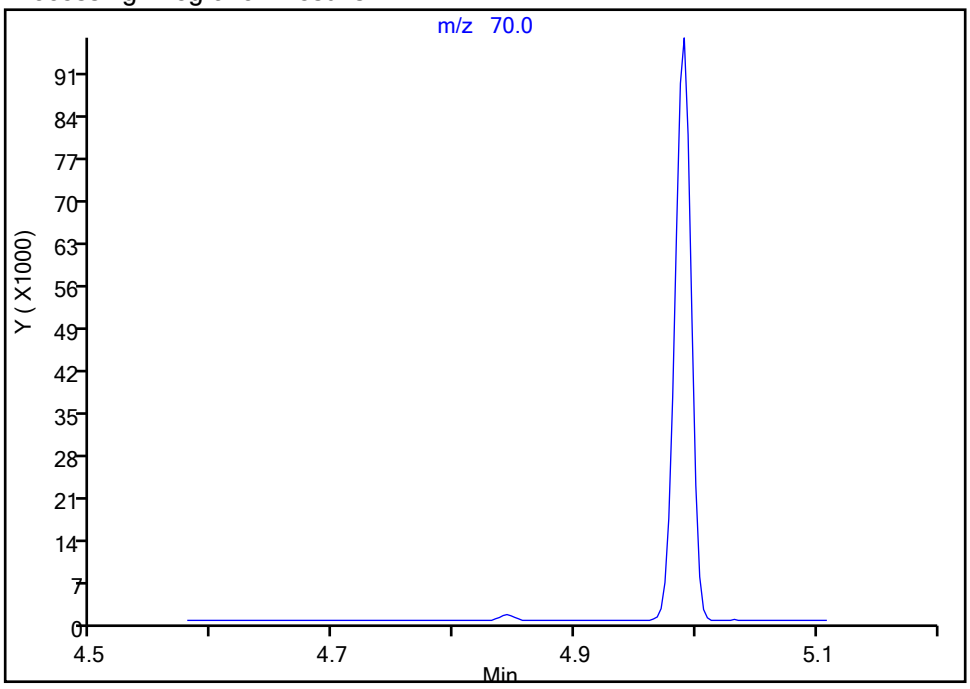
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

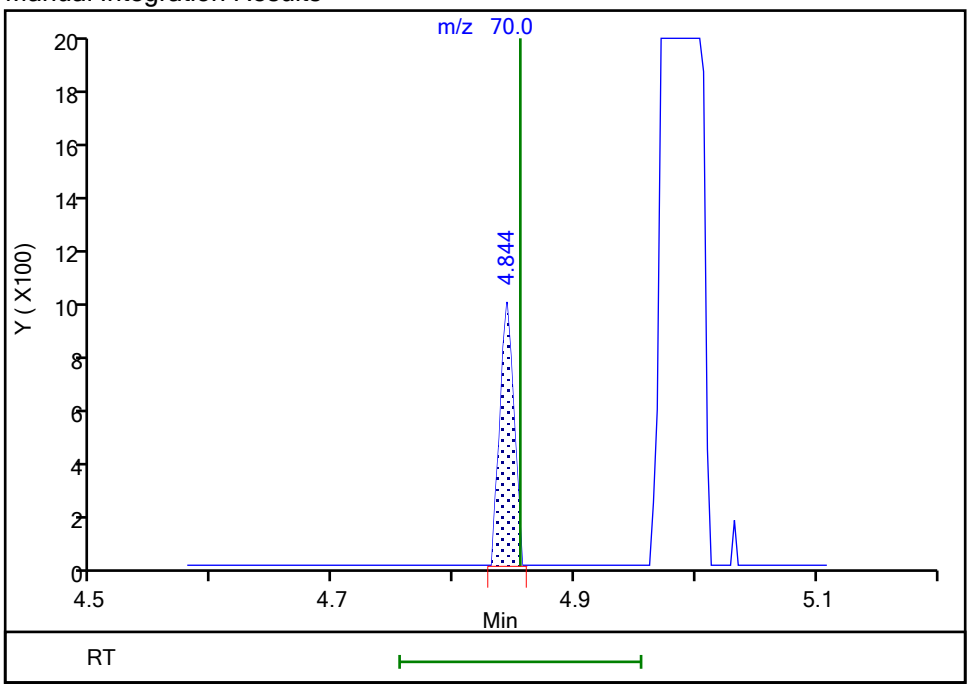
Not Detected
Expected RT: 4.85

Processing Integration Results




Manual Integration Results

RT: 4.84
Area: 769
Amount: 0.017869
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:56:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

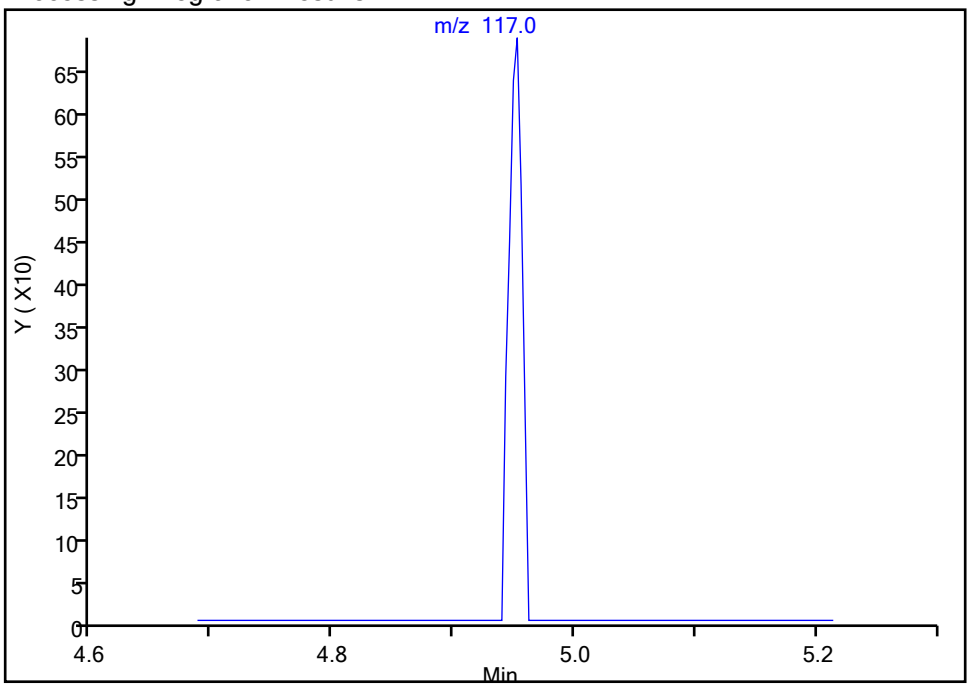
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 27 Hexachloroethane, CAS: 67-72-1

Signal: 1

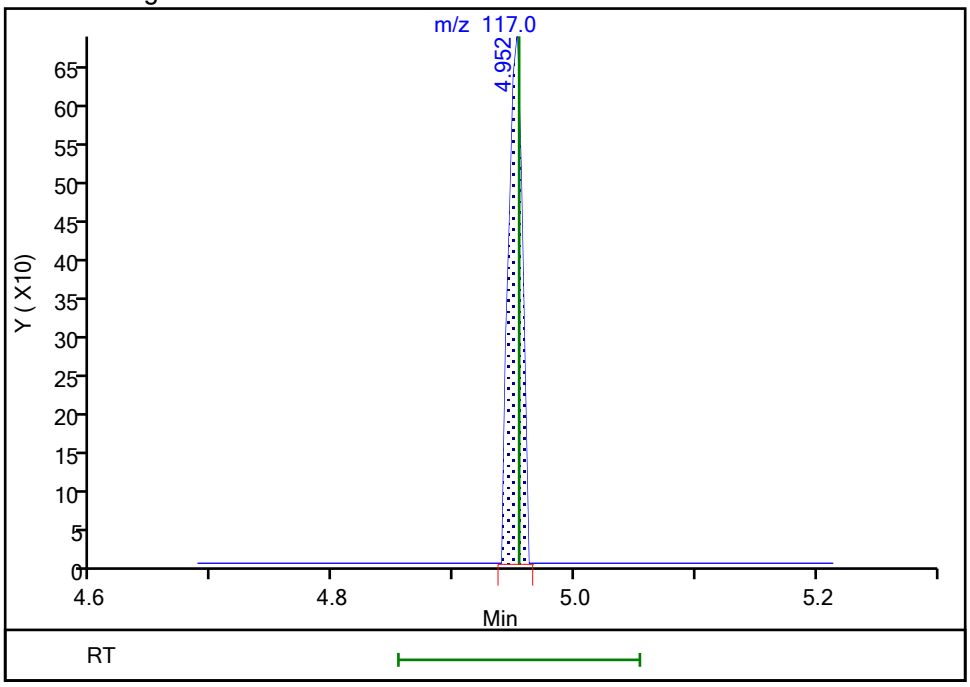
Not Detected
Expected RT: 4.95

Processing Integration Results




Manual Integration Results

RT: 4.95
Area: 537
Amount: 0.023311
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:56:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

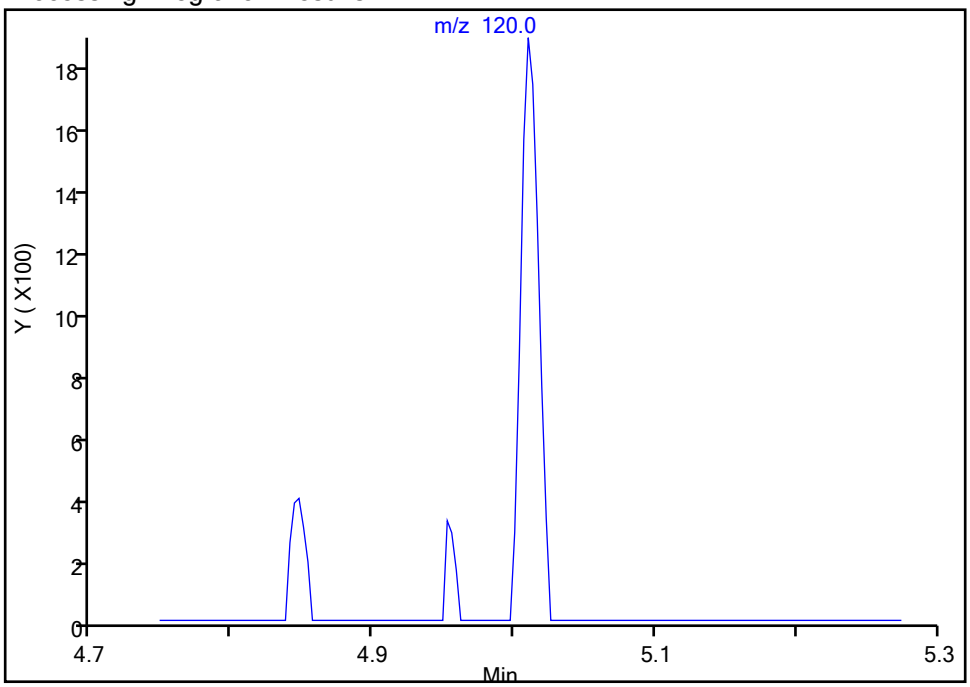
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 30 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

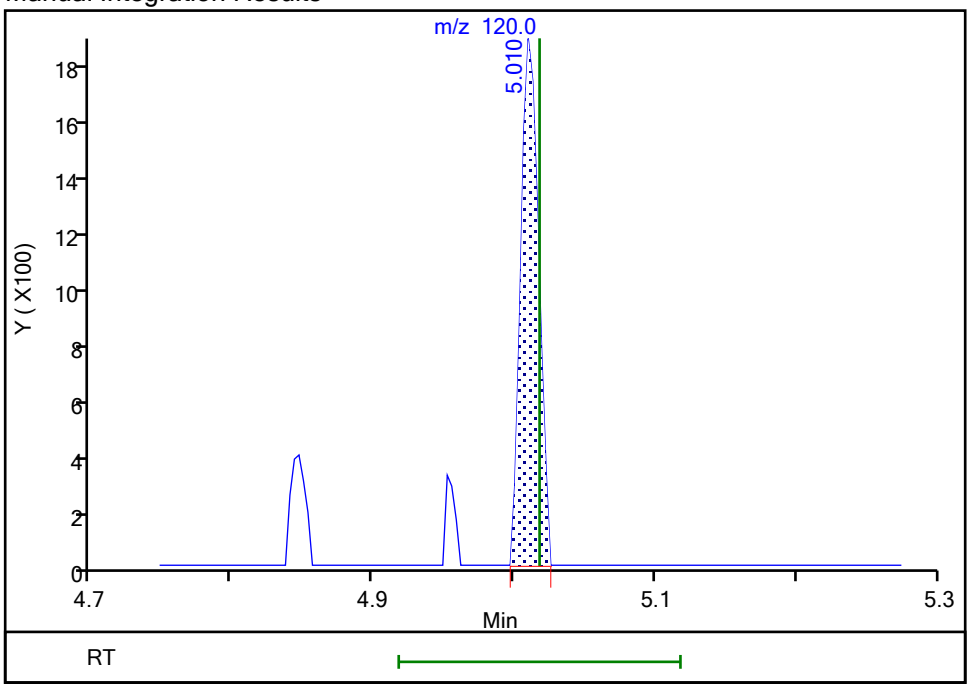
Not Detected
Expected RT: 5.02

Processing Integration Results




Manual Integration Results

RT: 5.01
Area: 1678
Amount: 0.018882
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:56:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

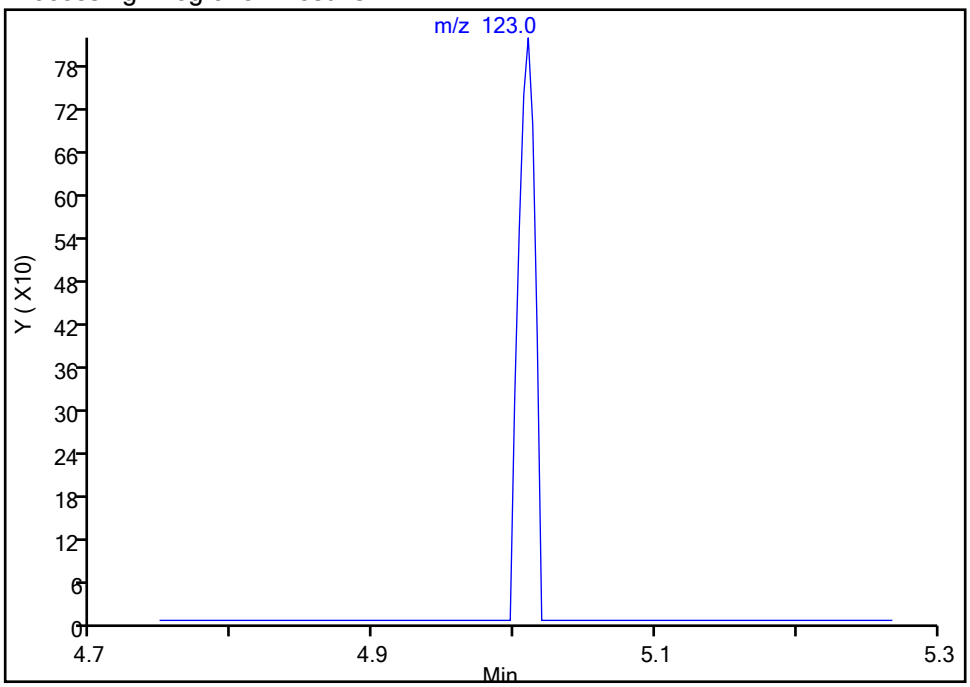
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 29 Nitrobenzene, CAS: 98-95-3

Signal: 1

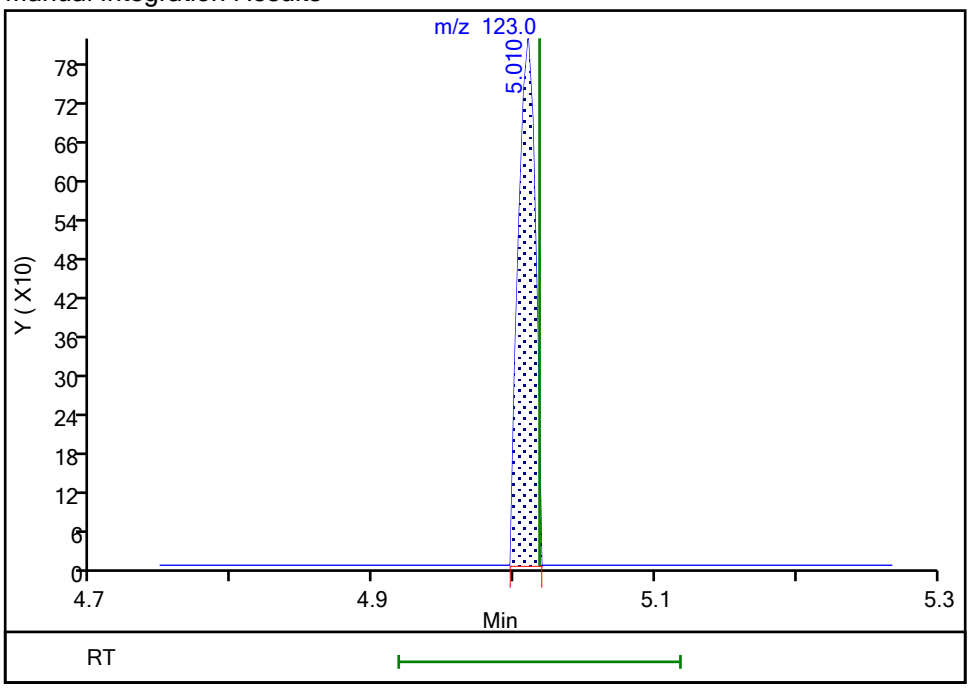
Not Detected
Expected RT: 5.02

Processing Integration Results




Manual Integration Results

RT: 5.01
Area: 673
Amount: 0.023663
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:56:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

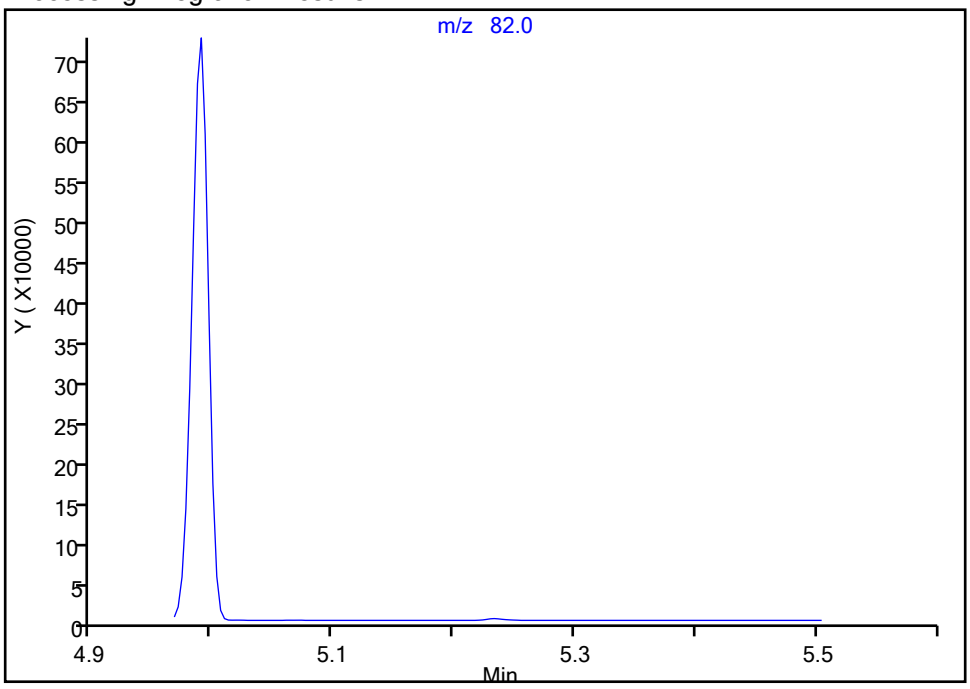
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 31 Isophorone, CAS: 78-59-1

Signal: 1

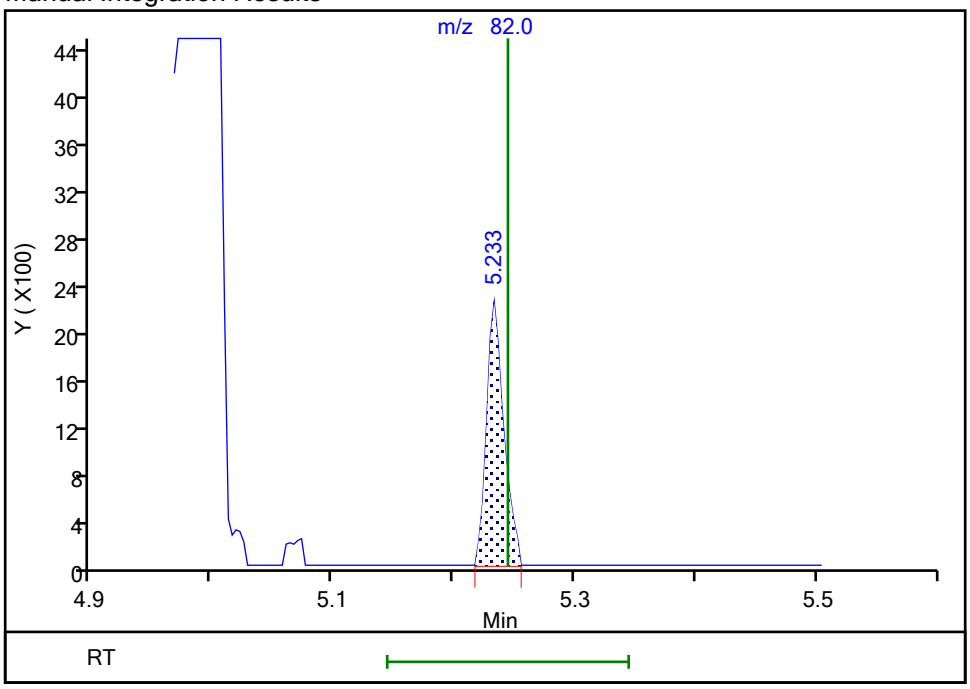
Not Detected
Expected RT: 5.24

Processing Integration Results




Manual Integration Results

RT: 5.23
Area: 2218
Amount: 0.019390
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:56:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

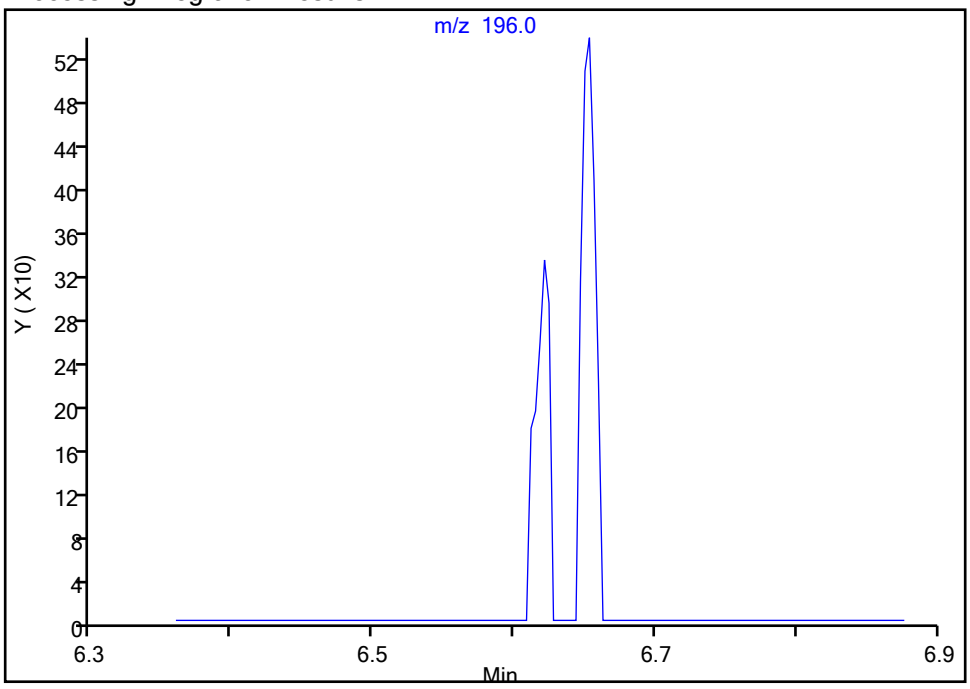
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 51 2,4,6-Trichlorophenol, CAS: 88-06-2

Signal: 1

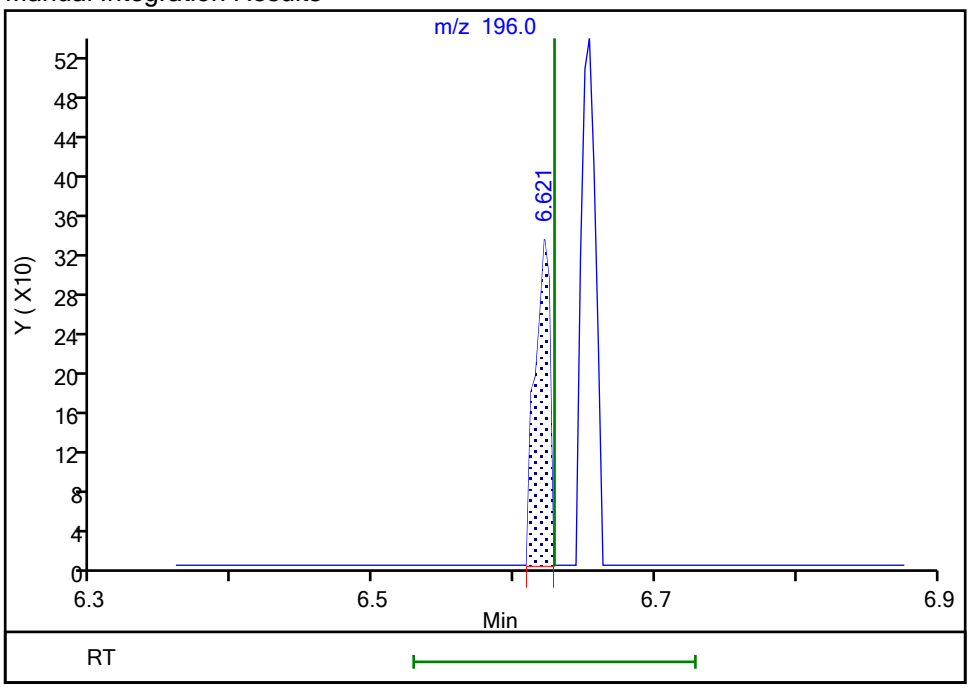
Not Detected
Expected RT: 6.63

Processing Integration Results




Manual Integration Results

RT: 6.62
Area: 241
Amount: 0.020247
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

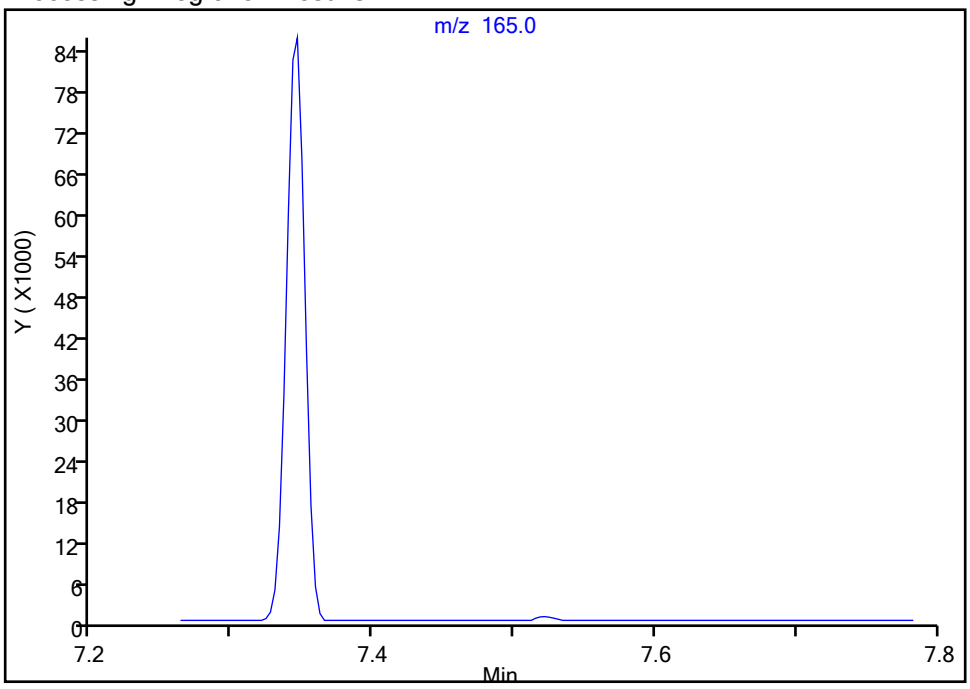
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

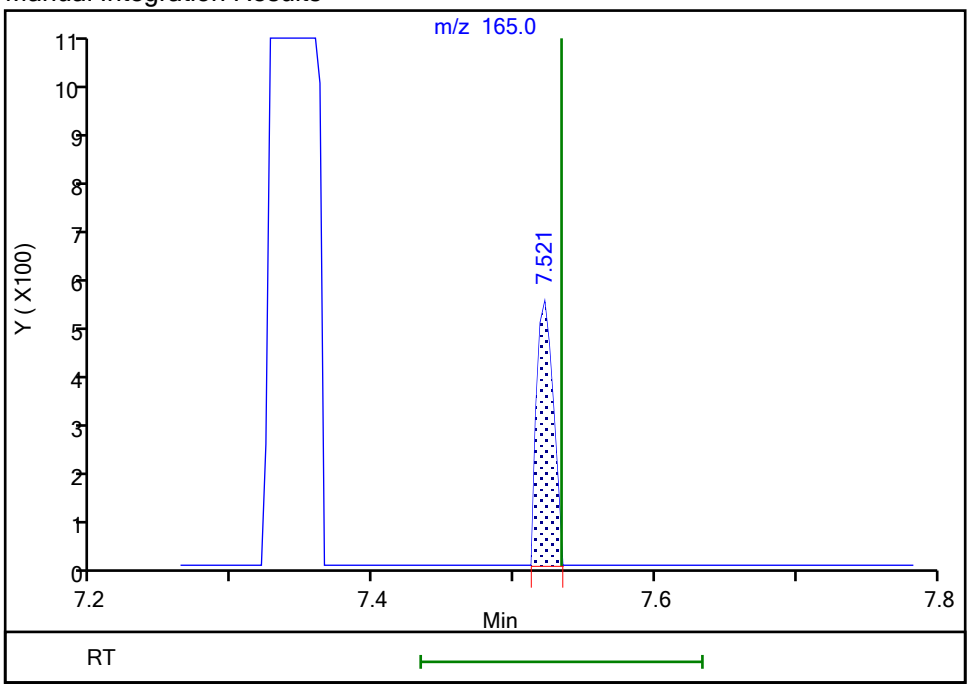
Not Detected
Expected RT: 7.53

Processing Integration Results




Manual Integration Results

RT: 7.52
Area: 446
Amount: 0.014818
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

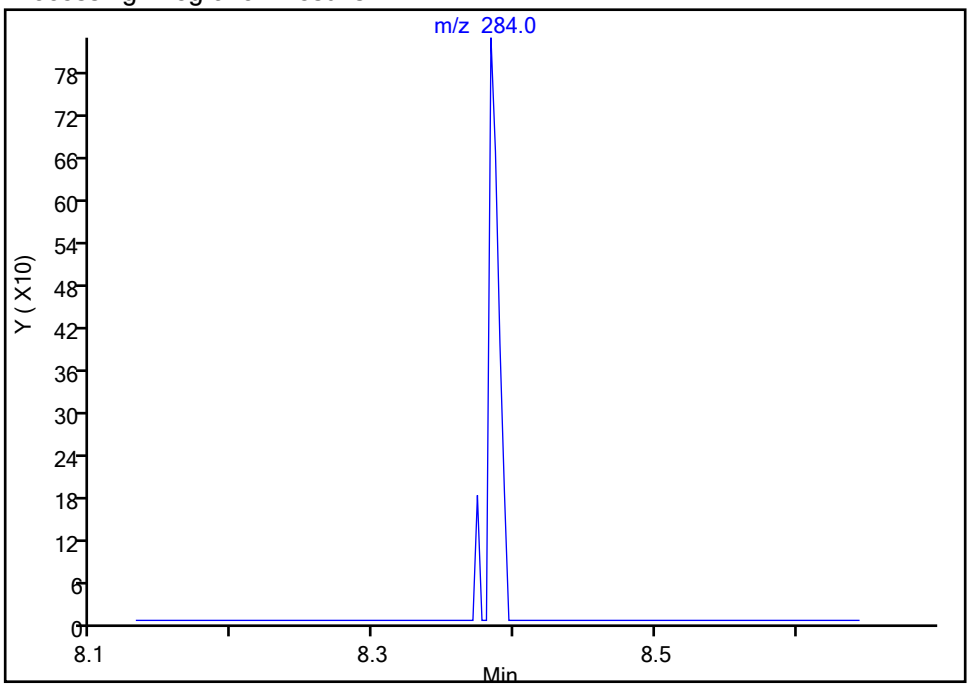
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 82 Hexachlorobenzene, CAS: 118-74-1

Signal: 1

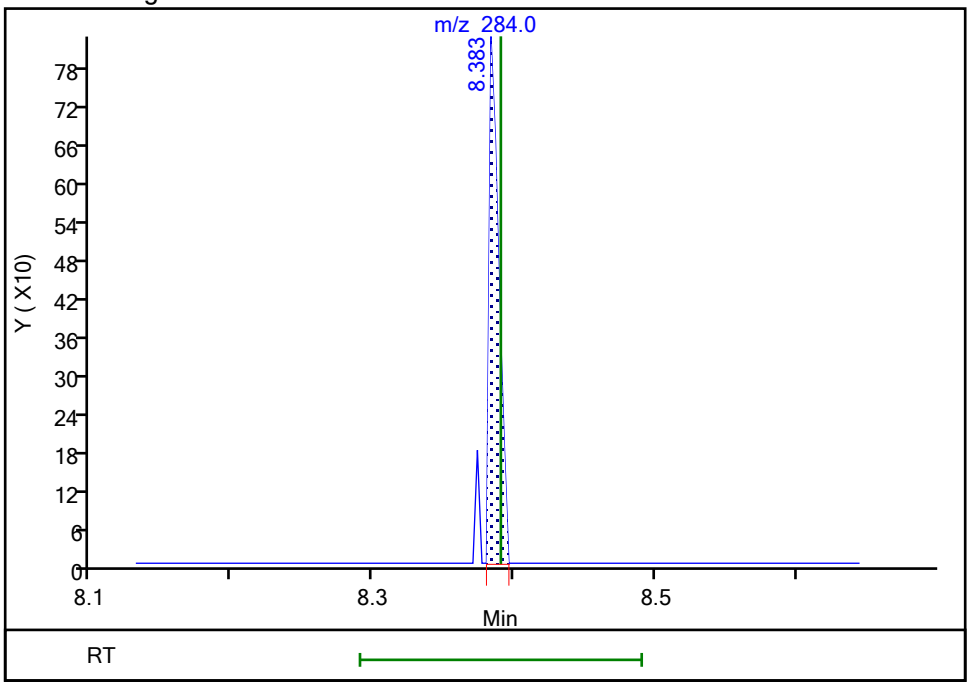
Not Detected
Expected RT: 8.39

Processing Integration Results




Manual Integration Results

RT: 8.38
Area: 396
Amount: 0.013661
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

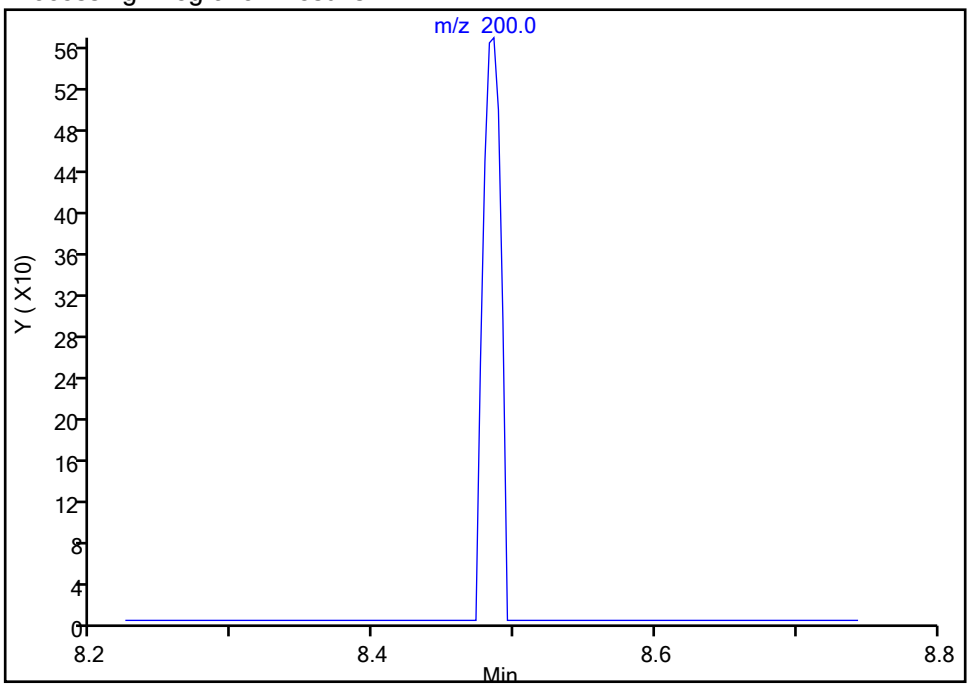
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 83 Atrazine, CAS: 1912-24-9

Signal: 1

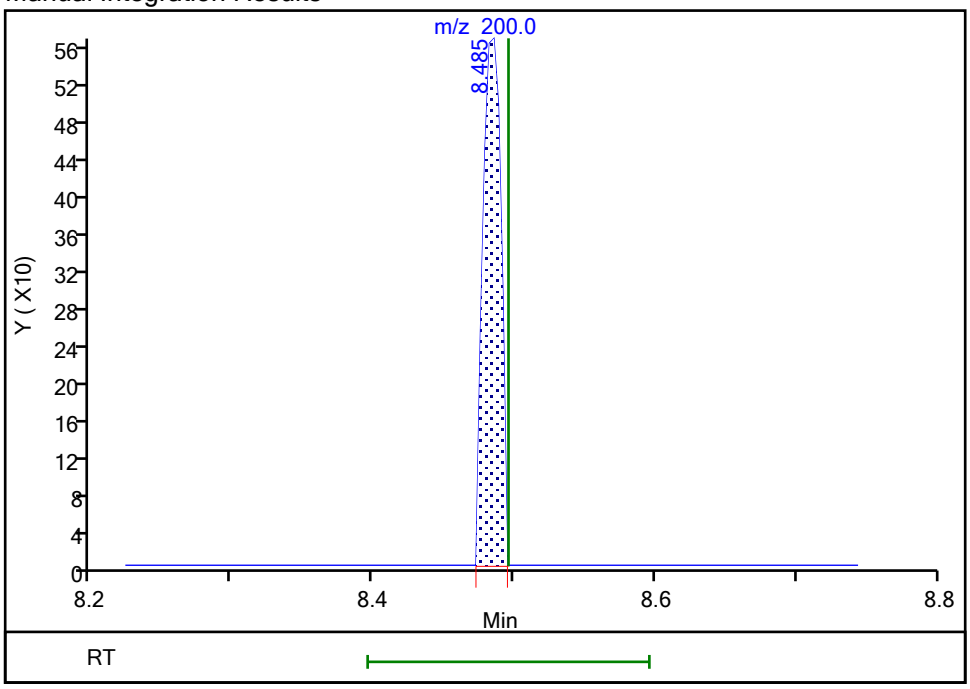
Not Detected
Expected RT: 8.50

Processing Integration Results




Manual Integration Results

RT: 8.49
Area: 500
Amount: 0.019400
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

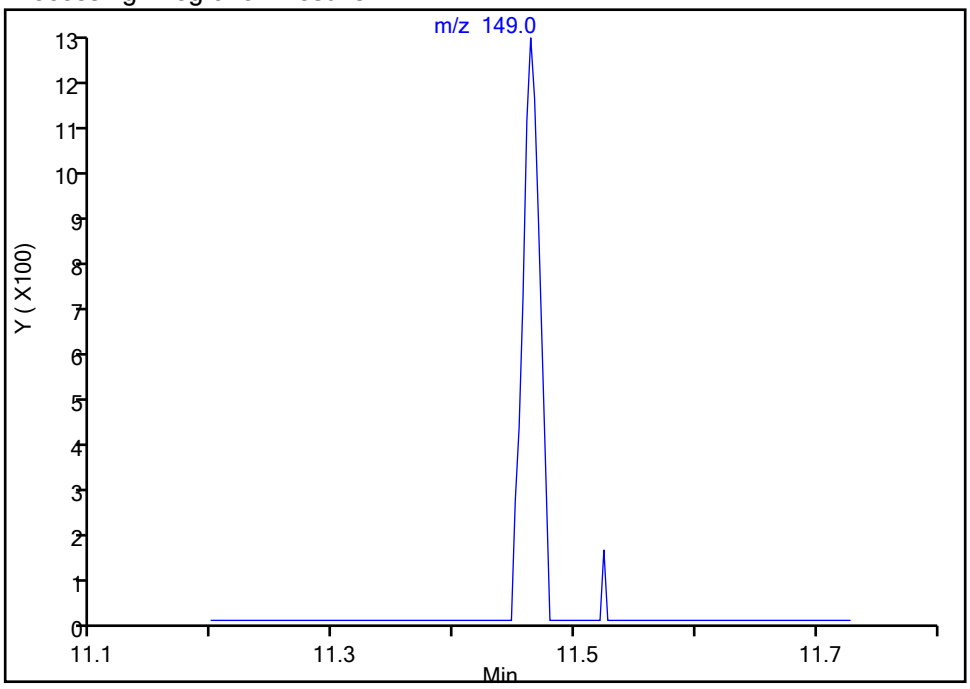
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 105 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

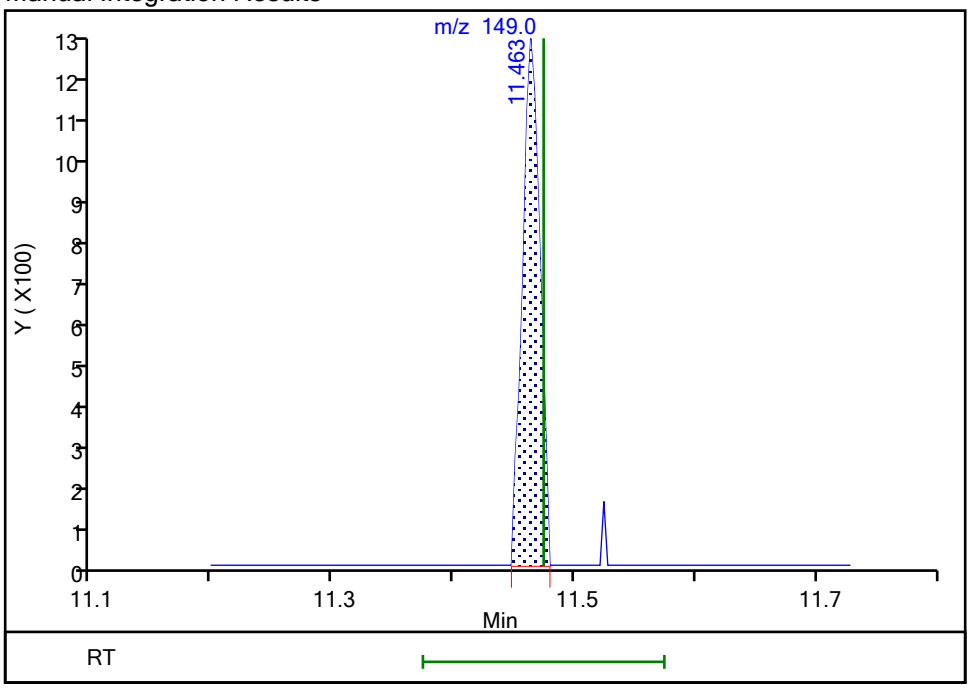
Not Detected
Expected RT: 11.47

Processing Integration Results




Manual Integration Results

RT: 11.46
Area: 1272
Amount: 0.029685
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

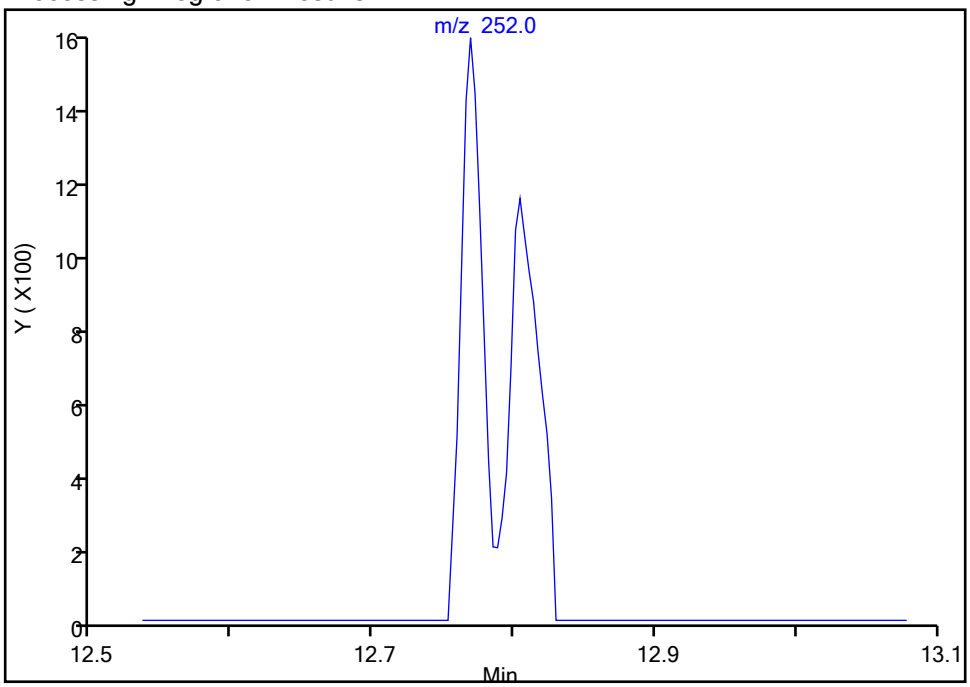
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 108 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

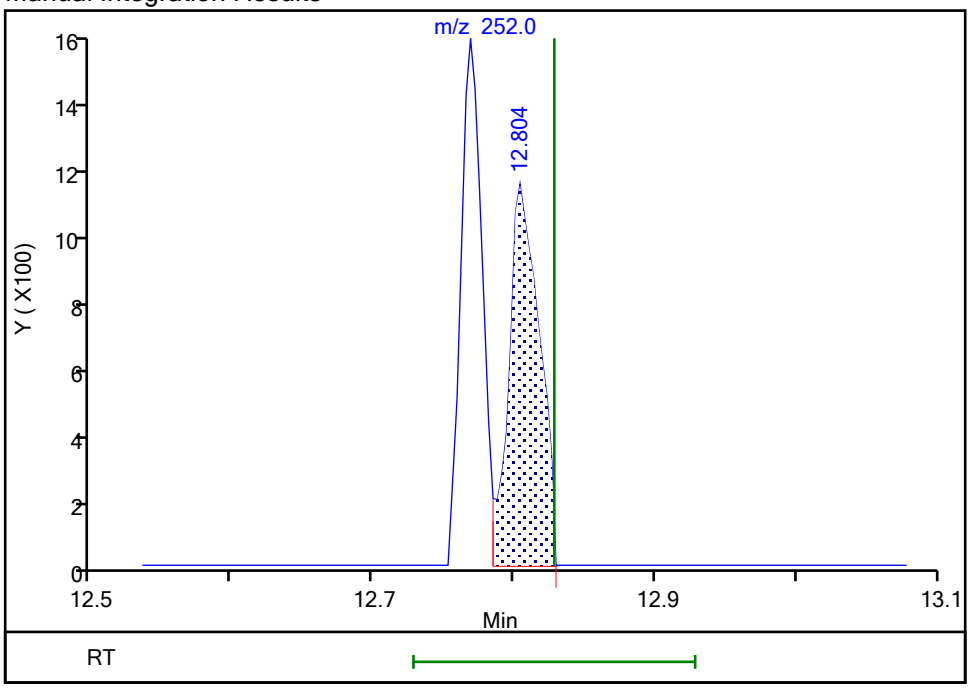
Not Detected
Expected RT: 12.83

Processing Integration Results




Manual Integration Results

RT: 12.80
Area: 1688
Amount: 0.017939
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

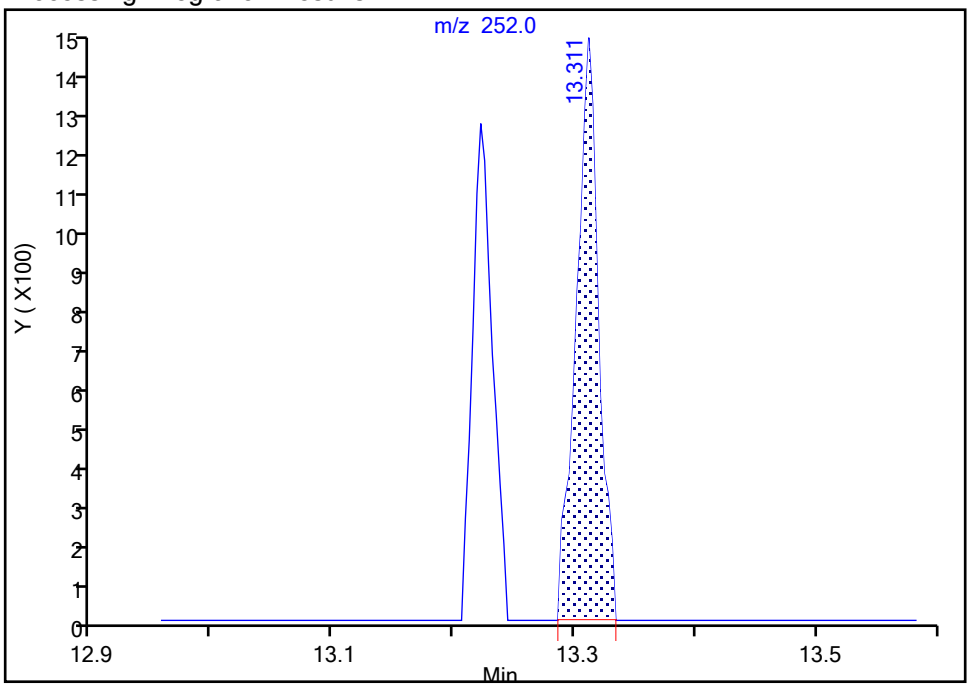
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 109 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

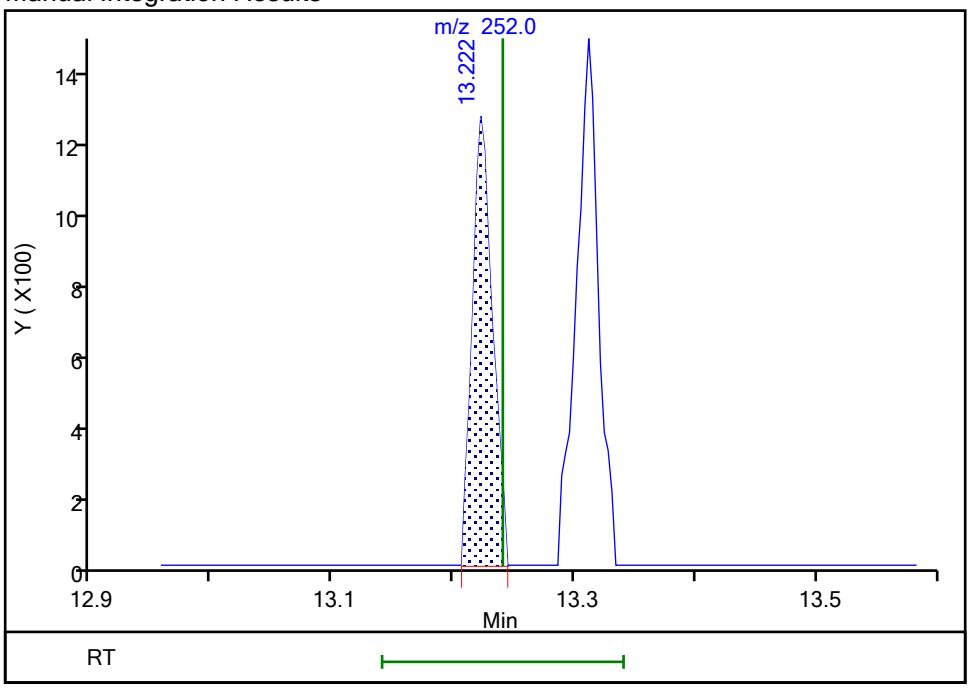
Processing Integration Results

RT: 13.31
Area: 1884
Amount: 0.022193
Amount Units: ug/ml




Manual Integration Results

RT: 13.22
Area: 1451
Amount: 0.017591
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

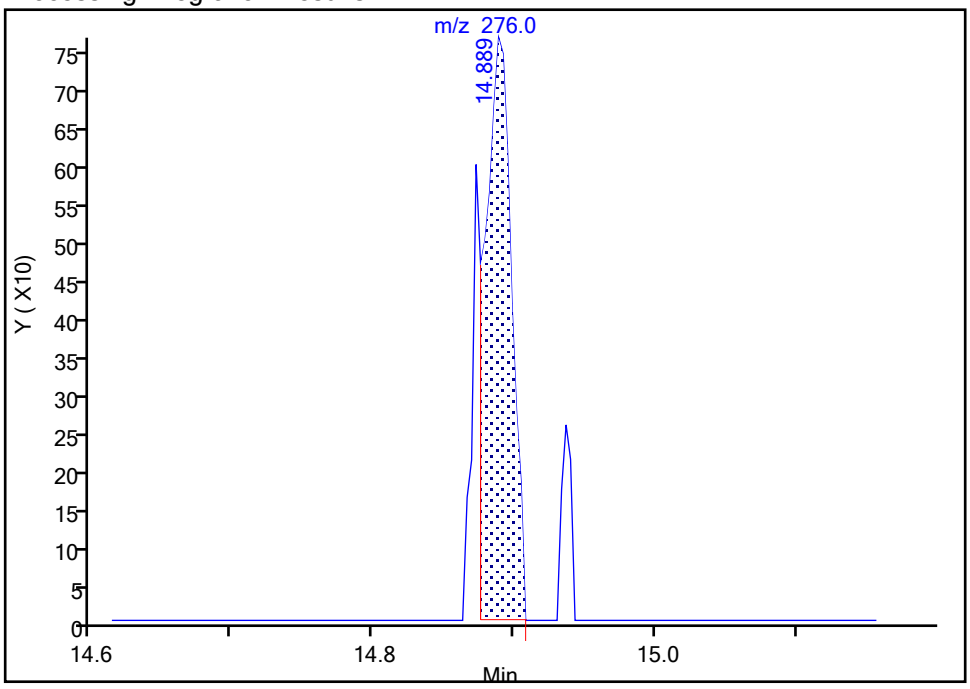
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 111 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

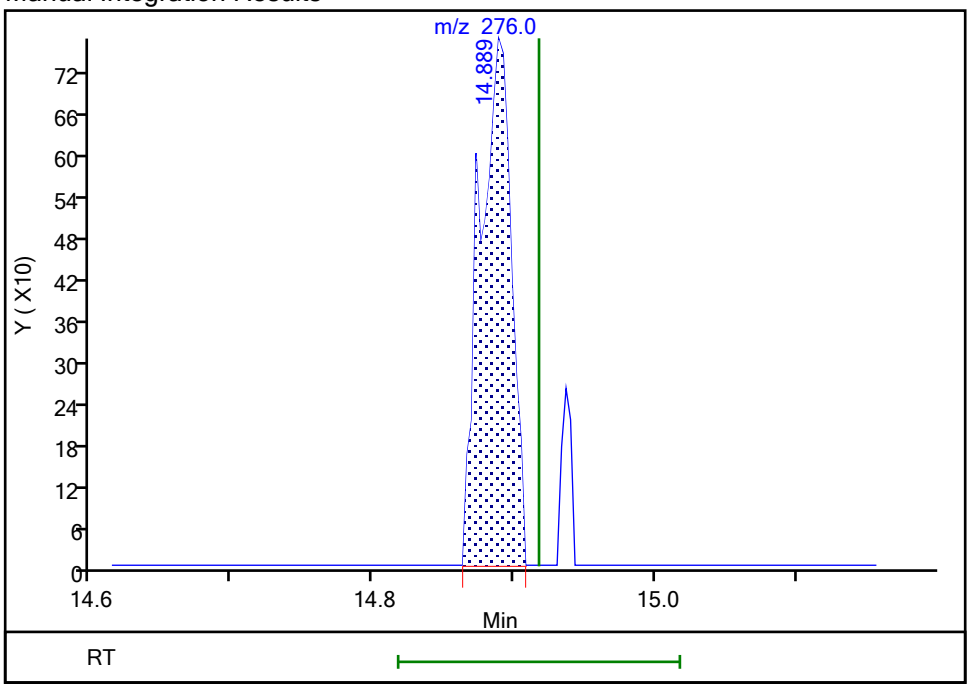
Processing Integration Results

RT: 14.89
Area: 995
Amount: 0.013249
Amount Units: ug/ml




Manual Integration Results

RT: 14.89
Area: 1179
Amount: 0.015489
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

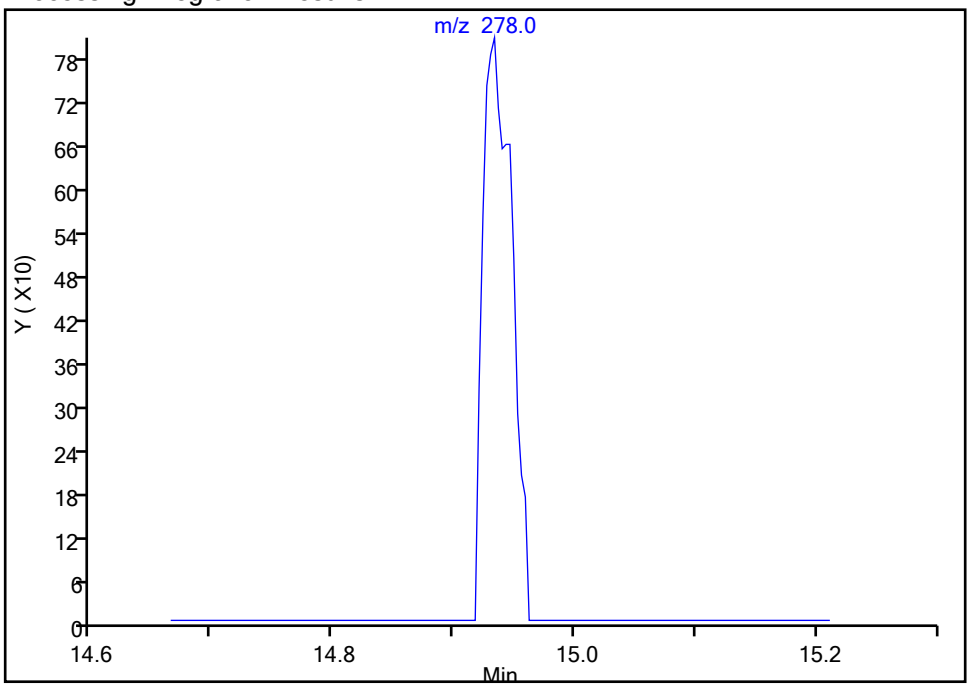
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 112 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

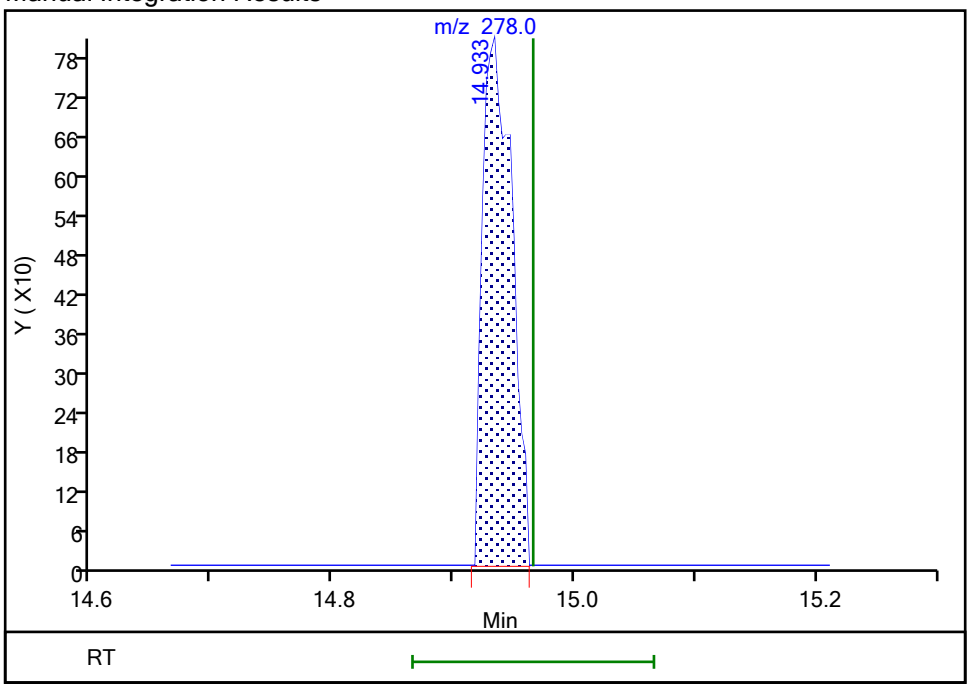
Not Detected
Expected RT: 14.97

Processing Integration Results




Manual Integration Results

RT: 14.93
Area: 1345
Amount: 0.017512
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

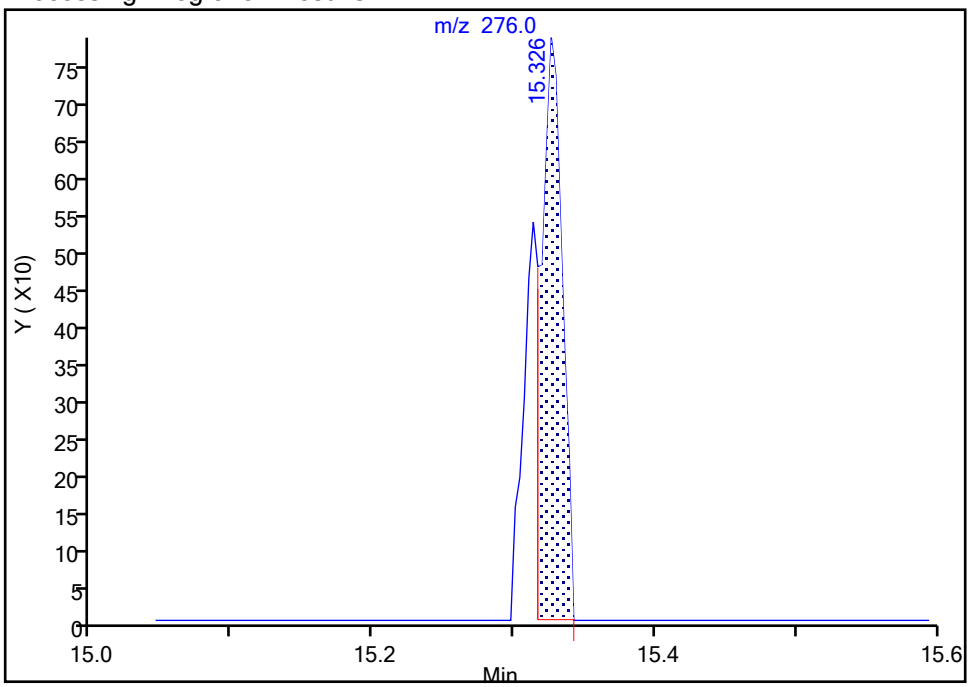
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D
Injection Date: 11-Aug-2025 11:34:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 113 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

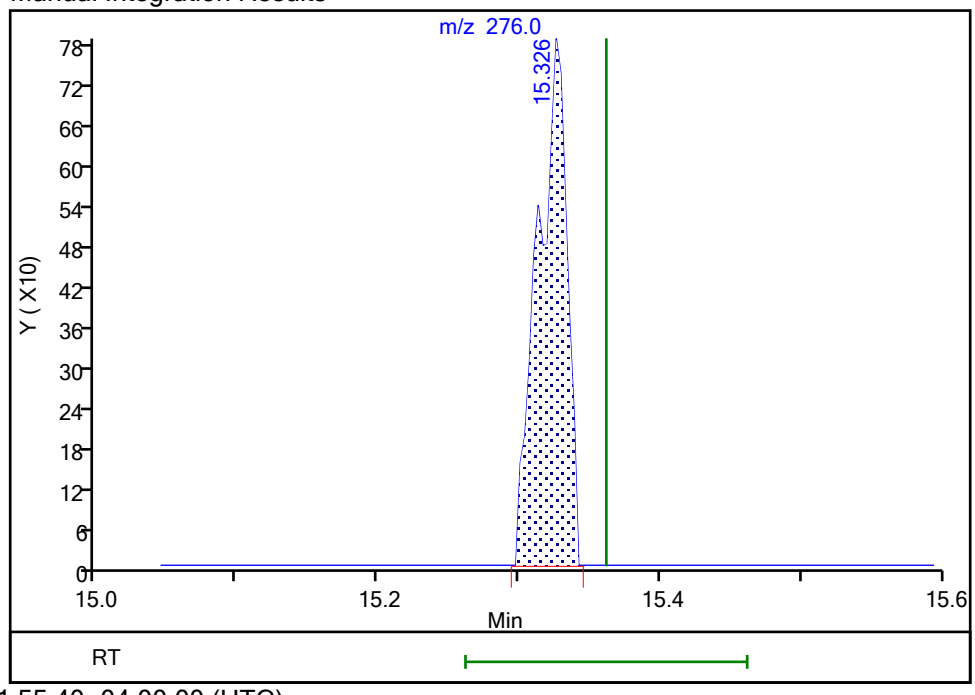
Processing Integration Results

RT: 15.33
Area: 815
Amount: 0.011095
Amount Units: ug/ml




Manual Integration Results

RT: 15.33
Area: 1130
Amount: 0.015026
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 11:55:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

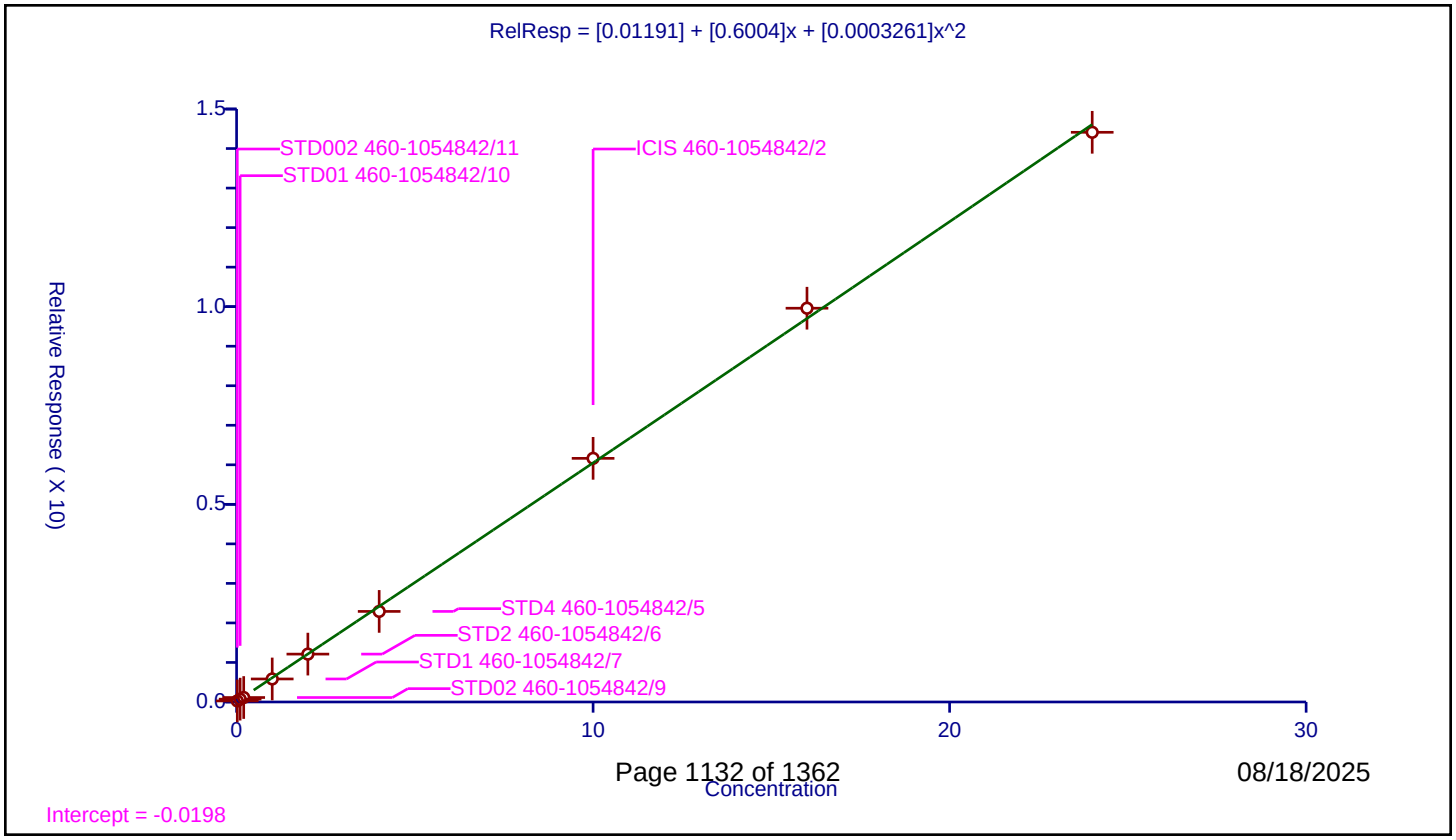
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.01191 |
| **Slope:** | 0.6004 |
| **Second Order:** | 0.0003261 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.026655 | 8.0 | 308233.0 | 1.332758 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.071985 | 8.0 | 322399.0 | 0.719853 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.113276 | 8.0 | 319785.0 | 0.566381 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.582641 | 8.0 | 308073.0 | 0.582641 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 1.211205 | 8.0 | 314206.0 | 0.605603 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 2.291222 | 8.0 | 303768.0 | 0.572806 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 6.163032 | 8.0 | 302150.0 | 0.616303 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 9.961138 | 8.0 | 294584.0 | 0.622571 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 14.411387 | 8.0 | 280461.0 | 0.600474 | Y |



## Calibration / N-Nitrosodimethylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

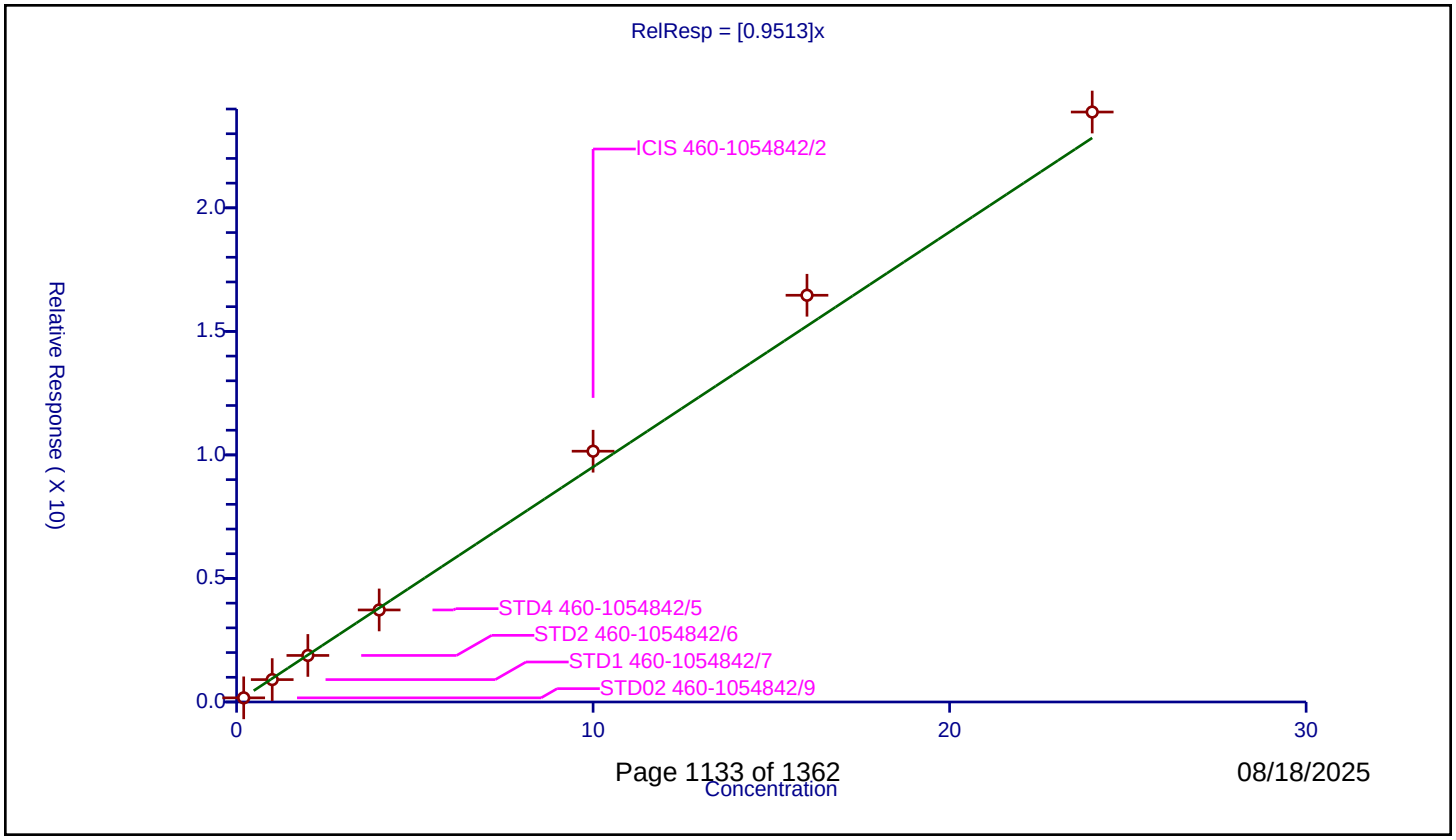
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9513 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.168088 | 8.0 | 319785.0 | 0.84044 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.906071 | 8.0 | 308073.0 | 0.906071 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.884318 | 8.0 | 314206.0 | 0.942159 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 3.725001 | 8.0 | 303768.0 | 0.93125 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 10.150799 | 8.0 | 302150.0 | 1.01508 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 16.46194 | 8.0 | 294584.0 | 1.028871 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 23.878001 | 8.0 | 280461.0 | 0.994917 | Y |



## Calibration / Pyridine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

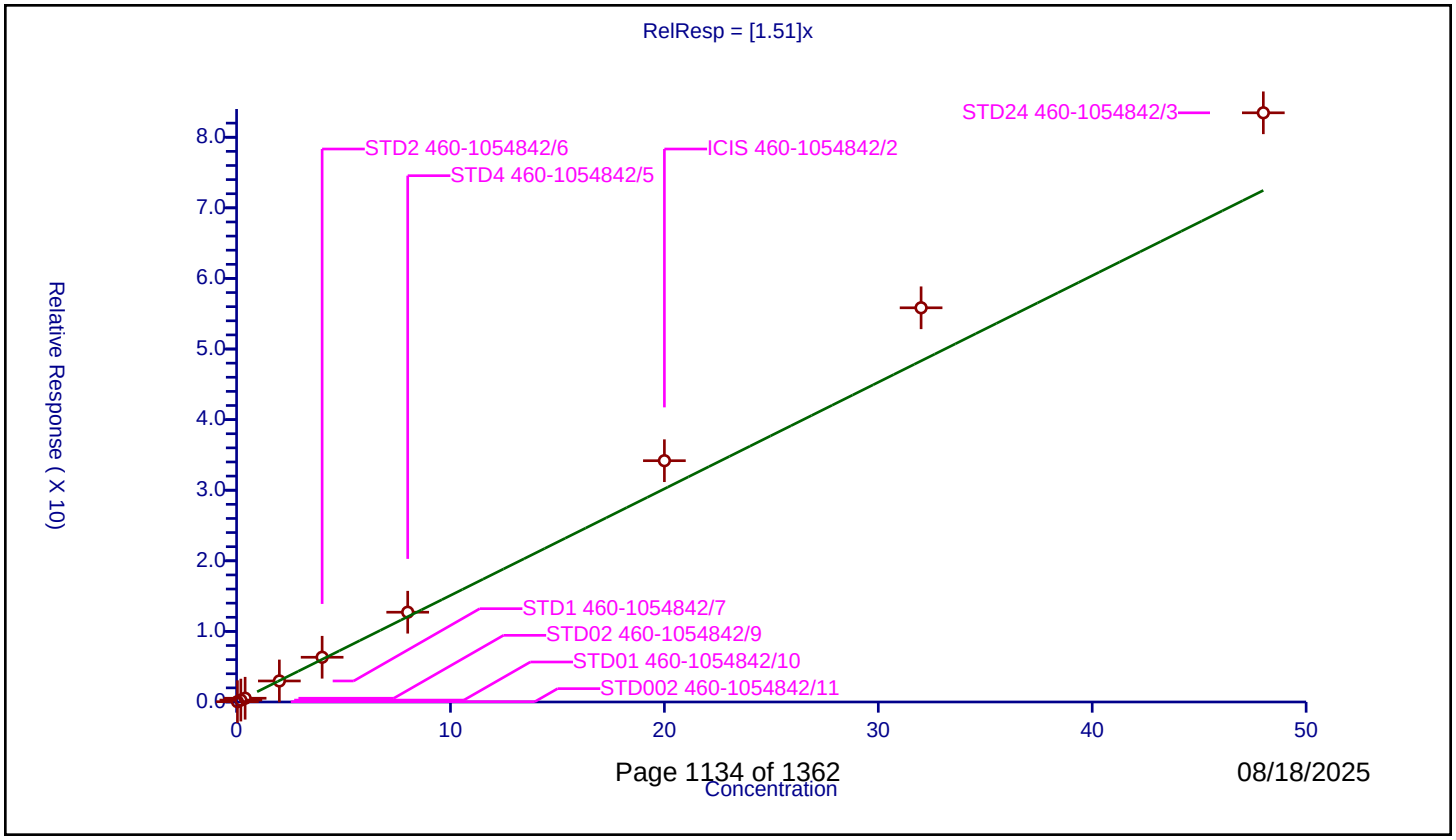
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.51 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.04 | 0.042254 | 8.0 | 308233.0 | 1.056344 | Y |
| 2 | STD01 460-1054842/10 | 0.2 | 0.269753 | 8.0 | 322399.0 | 1.348763 | Y |
| 3 | STD02 460-1054842/9 | 0.4 | 0.531157 | 8.0 | 319785.0 | 1.327892 | Y |
| 4 | STD1 460-1054842/7 | 2.0 | 2.977866 | 8.0 | 308073.0 | 1.488933 | Y |
| 5 | STD2 460-1054842/6 | 4.0 | 6.3362 | 8.0 | 314206.0 | 1.58405 | Y |
| 6 | STD4 460-1054842/5 | 8.0 | 12.717205 | 8.0 | 303768.0 | 1.589651 | Y |
| 7 | ICIS 460-1054842/2 | 20.0 | 34.182042 | 8.0 | 302150.0 | 1.709102 | Y |
| 8 | STD16 460-1054842/4 | 32.0 | 55.840616 | 8.0 | 294584.0 | 1.745019 | Y |
| 9 | STD24 460-1054842/3 | 48.0 | 83.462956 | 8.0 | 280461.0 | 1.738812 | Y |






08/18/2025

## Calibration / 2-Fluorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

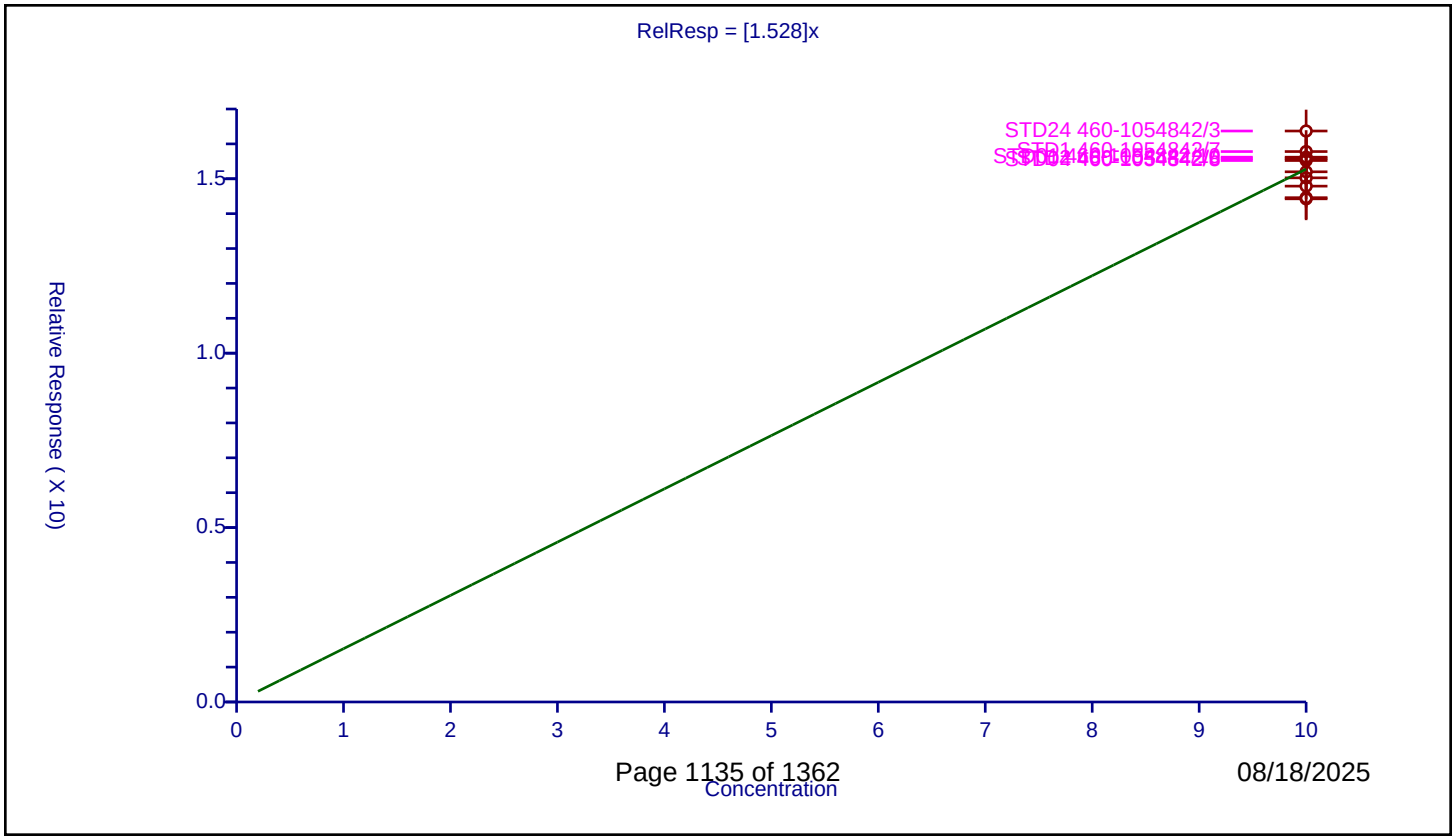
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.528 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1054842/2 | 10.0 | 14.424968 | 8.0 | 302150.0 | 1.442497 | Y |
| 2 | STD24 460-1054842/3 | 10.0 | 16.369249 | 8.0 | 280461.0 | 1.636925 | Y |
| 3 | STD16 460-1054842/4 | 10.0 | 14.458382 | 8.0 | 294584.0 | 1.445838 | Y |
| 4 | STD4 460-1054842/5 | 10.0 | 15.026942 | 8.0 | 303768.0 | 1.502694 | Y |
| 5 | STD2 460-1054842/6 | 10.0 | 15.575896 | 8.0 | 314206.0 | 1.55759 | Y |
| 6 | STD1 460-1054842/7 | 10.0 | 15.780961 | 8.0 | 308073.0 | 1.578096 | Y |
| 7 | STD04 460-1054842/8 | 10.0 | 15.522831 | 8.0 | 312141.0 | 1.552283 | Y |
| 8 | STD02 460-1054842/9 | 10.0 | 15.200013 | 8.0 | 319785.0 | 1.520001 | Y |
| 9 | STD01 460-1054842/10 | 10.0 | 15.619428 | 8.0 | 322399.0 | 1.561943 | Y |
| 10 | STD002 460-1054842/11 | 10.0 | 14.788864 | 8.0 | 308233.0 | 1.478886 | Y |



## Calibration / Benzaldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

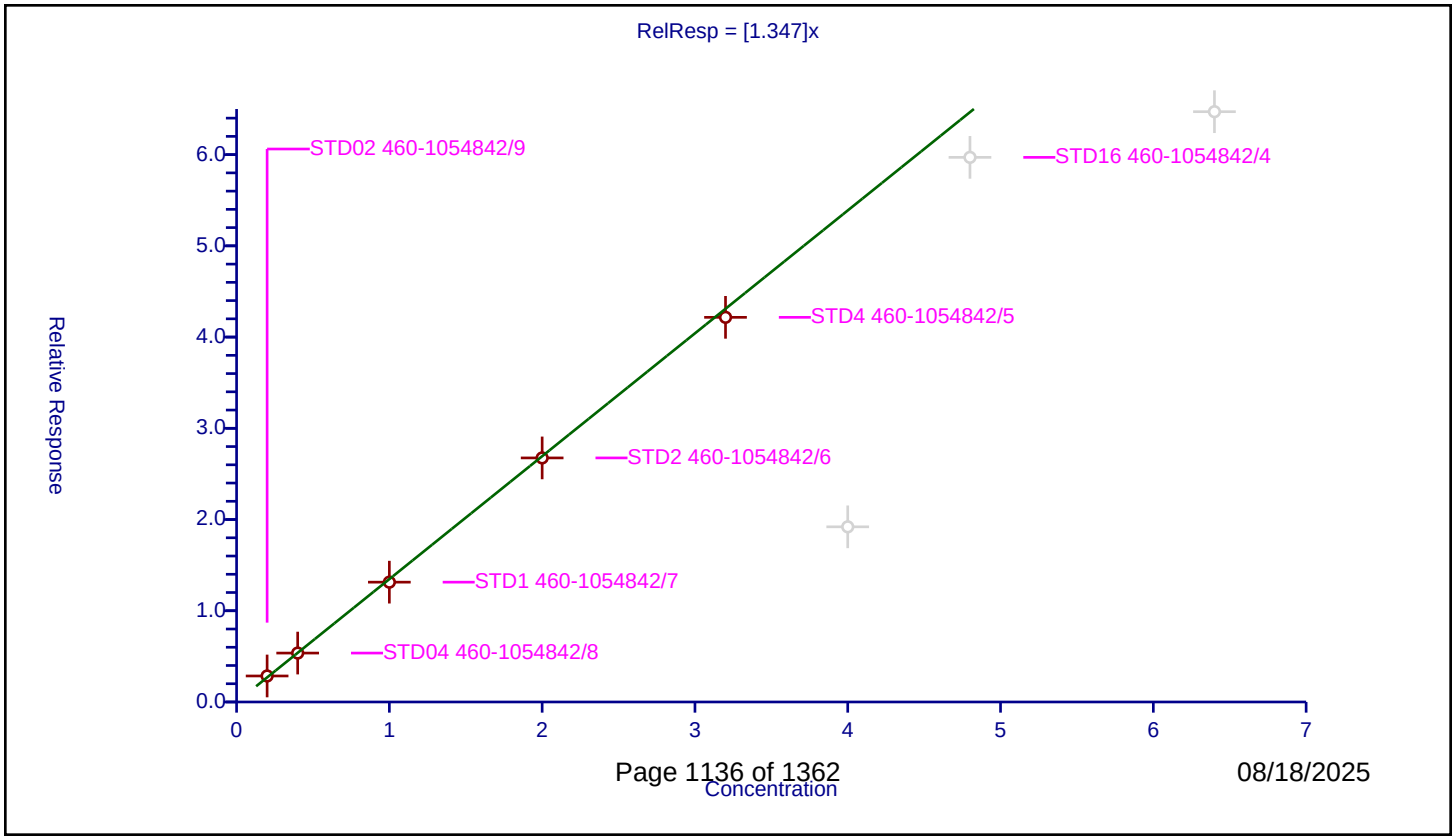
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.347 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.285092 | 8.0 | 319785.0 | 1.425458 | Y |
| 2 | STD04 460-1054842/8 | 0.4 | 0.536296 | 8.0 | 312141.0 | 1.34074 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 1.313377 | 8.0 | 308073.0 | 1.313377 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 2.675289 | 8.0 | 314206.0 | 1.337645 | Y |
| 5 | STD4 460-1054842/5 | 3.2 | 4.21656 | 8.0 | 303768.0 | 1.317675 | Y |
| 6 | ICIS 460-1054842/2 | 4.0 | 1.920106 | 8.0 | 302150.0 | 0.480026 | N |
| 7 | STD16 460-1054842/4 | 4.8 | 5.970019 | 8.0 | 294584.0 | 1.243754 | N |
| 8 | STD24 460-1054842/3 | 6.4 | 6.470632 | 8.0 | 280461.0 | 1.011036 | N |



## Calibration / Phenol-d5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

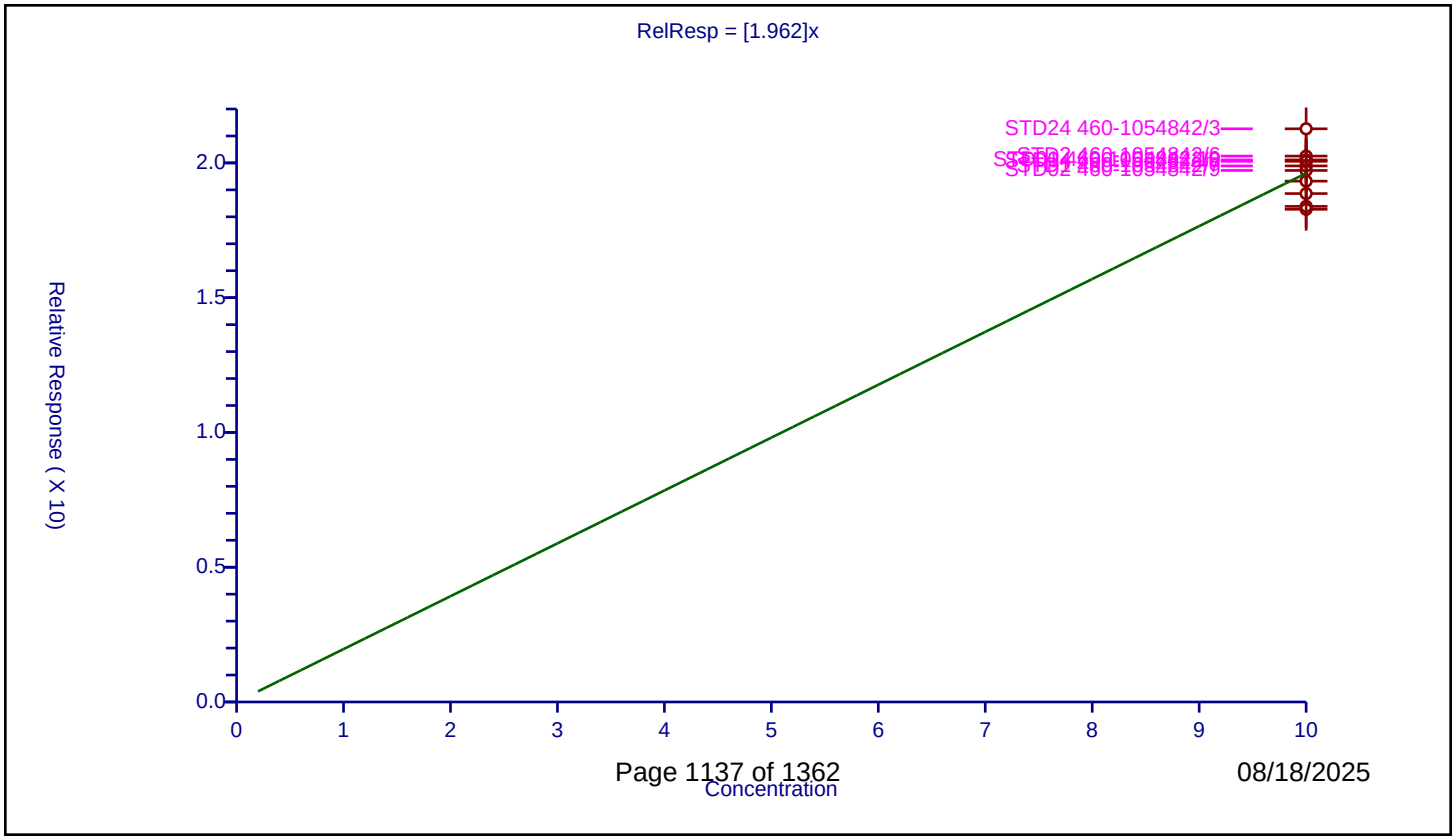
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.962 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1054842/2 | 10.0 | 18.387979 | 8.0 | 302150.0 | 1.838798 | Y |
| 2 | STD24 460-1054842/3 | 10.0 | 21.26573 | 8.0 | 280461.0 | 2.126573 | Y |
| 3 | STD16 460-1054842/4 | 10.0 | 18.278875 | 8.0 | 294584.0 | 1.827887 | Y |
| 4 | STD4 460-1054842/5 | 10.0 | 19.323694 | 8.0 | 303768.0 | 1.932369 | Y |
| 5 | STD2 460-1054842/6 | 10.0 | 20.253846 | 8.0 | 314206.0 | 2.025385 | Y |
| 6 | STD1 460-1054842/7 | 10.0 | 19.889078 | 8.0 | 308073.0 | 1.988908 | Y |
| 7 | STD04 460-1054842/8 | 10.0 | 20.059447 | 8.0 | 312141.0 | 2.005945 | Y |
| 8 | STD02 460-1054842/9 | 10.0 | 19.72065 | 8.0 | 319785.0 | 1.972065 | Y |
| 9 | STD01 460-1054842/10 | 10.0 | 20.111005 | 8.0 | 322399.0 | 2.011101 | Y |
| 10 | STD002 460-1054842/11 | 10.0 | 18.862873 | 8.0 | 308233.0 | 1.886287 | Y |



## Calibration / Phenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

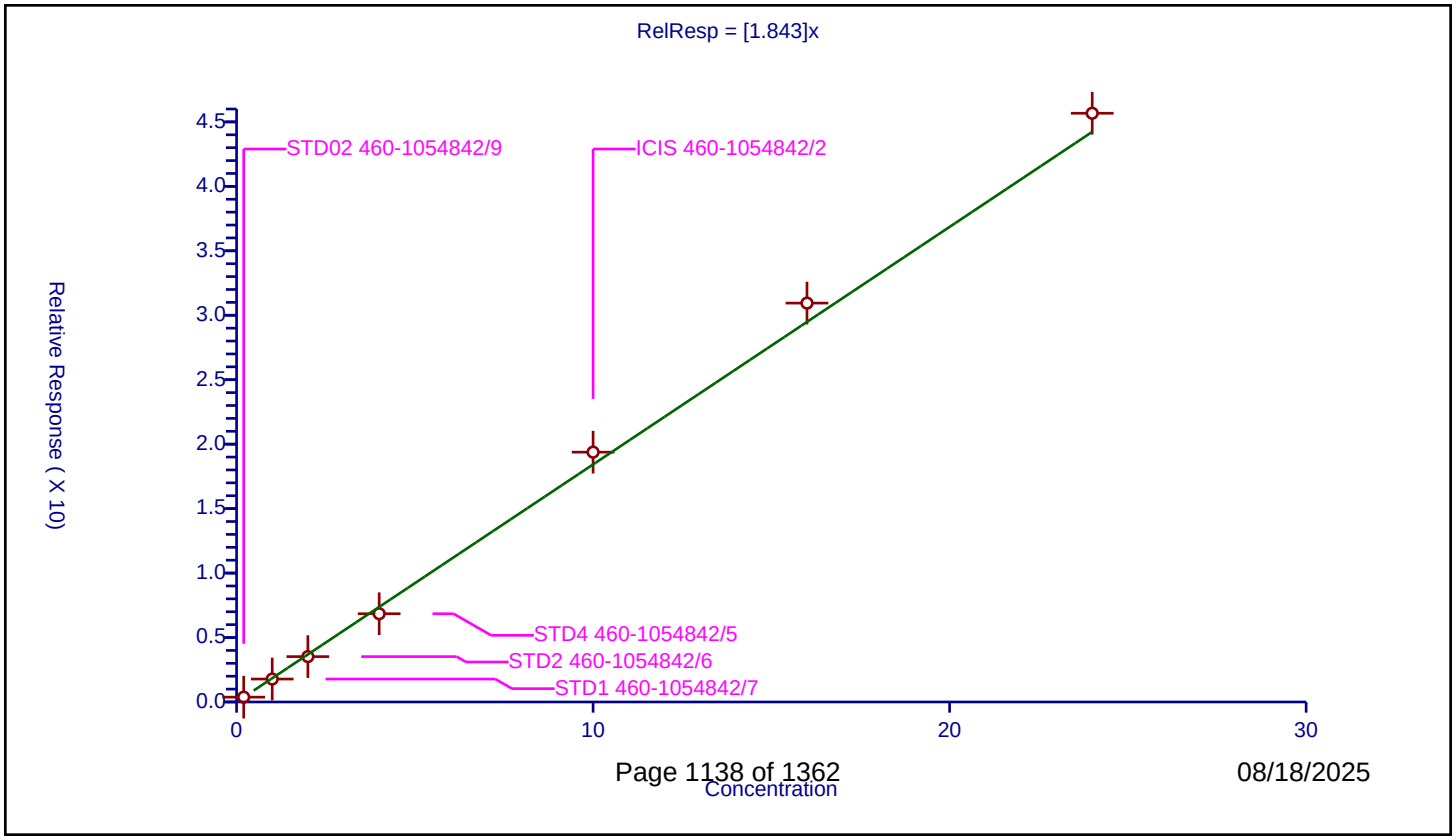
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.843 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.374627 | 8.0 | 319785.0 | 1.873134 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.780046 | 8.0 | 308073.0 | 1.780046 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 3.519347 | 8.0 | 314206.0 | 1.759674 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 6.846383 | 8.0 | 303768.0 | 1.711596 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 19.381102 | 8.0 | 302150.0 | 1.93811 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 30.94403 | 8.0 | 294584.0 | 1.934002 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 45.671633 | 8.0 | 280461.0 | 1.902985 | Y |



## Calibration / Aniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

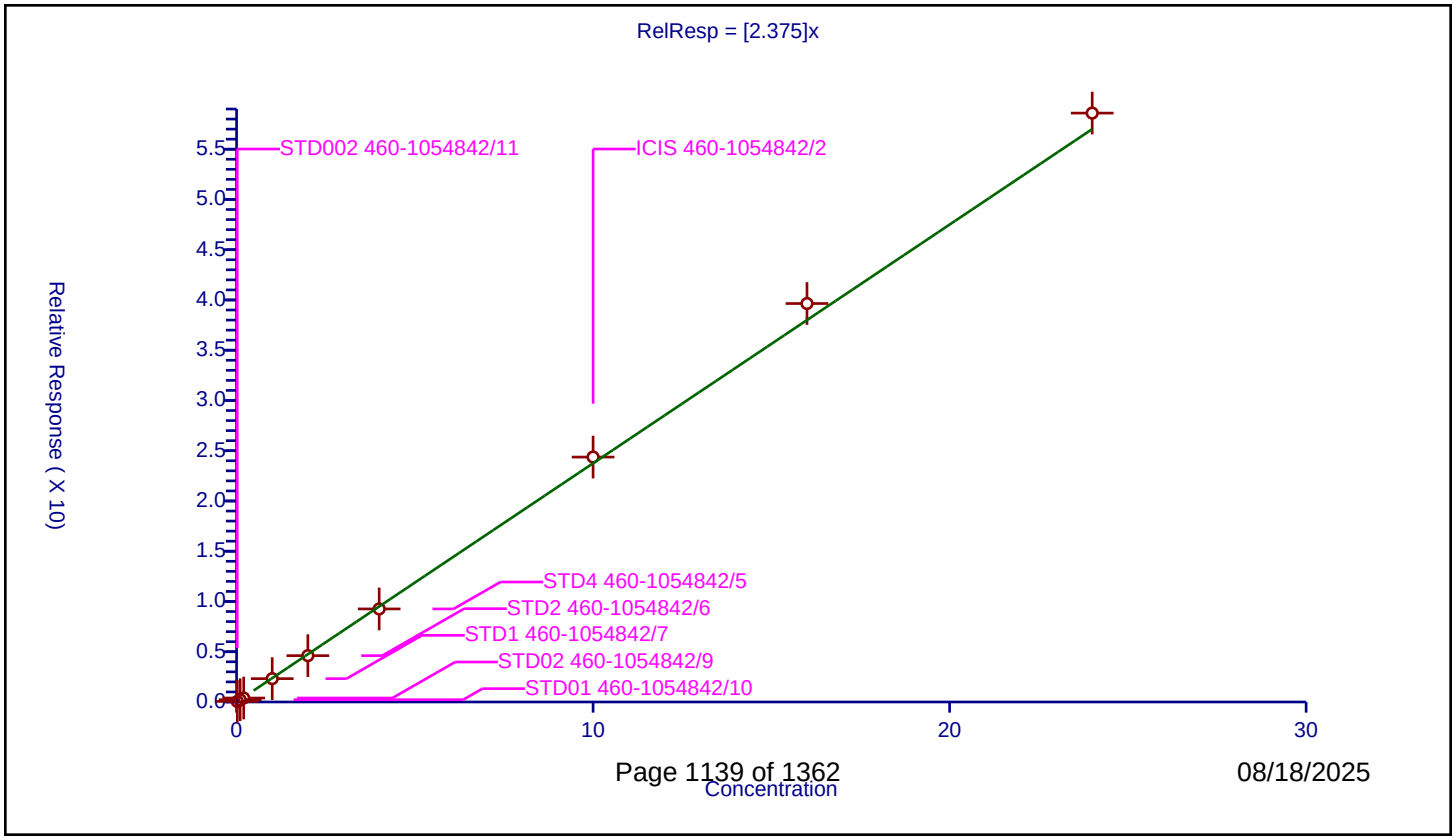
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.375 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.056918 | 8.0 | 308233.0 | 2.845899 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.226105 | 8.0 | 322399.0 | 2.261049 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.39384 | 8.0 | 319785.0 | 1.969198 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 2.324124 | 8.0 | 308073.0 | 2.324124 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 4.608824 | 8.0 | 314206.0 | 2.304412 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 9.259408 | 8.0 | 303768.0 | 2.314852 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 24.370386 | 8.0 | 302150.0 | 2.437039 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 39.646715 | 8.0 | 294584.0 | 2.47792 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 58.594043 | 8.0 | 280461.0 | 2.441418 | Y |



## Calibration / Bis(2-chloroethyl)ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

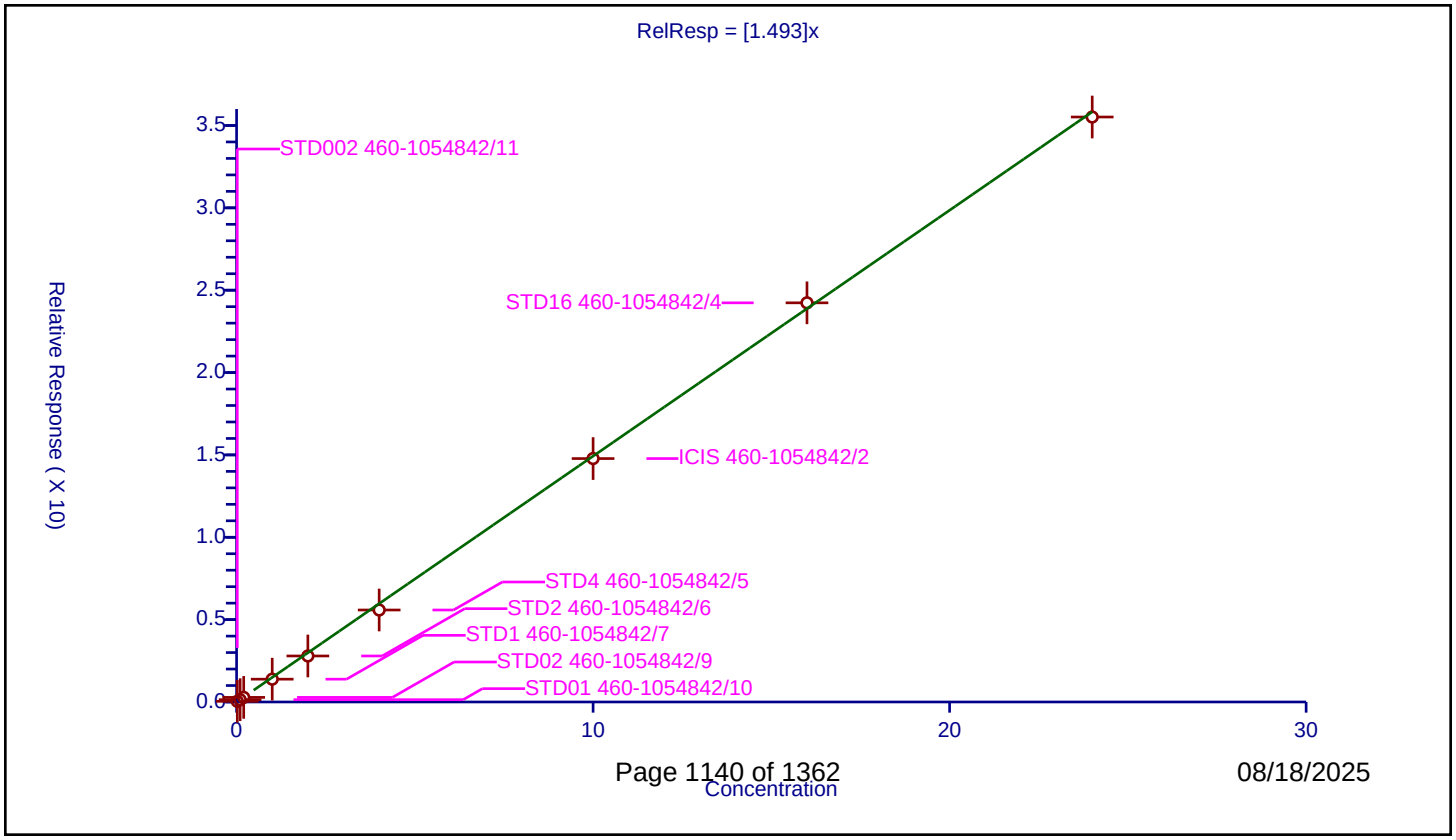
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.493 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.039736 | 8.0 | 308233.0 | 1.986809 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.140224 | 8.0 | 322399.0 | 1.402238 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.279138 | 8.0 | 319785.0 | 1.395688 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 1.384529 | 8.0 | 308073.0 | 1.384529 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.793148 | 8.0 | 314206.0 | 1.396574 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 5.585078 | 8.0 | 303768.0 | 1.39627 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 14.779202 | 8.0 | 302150.0 | 1.47792 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 24.233088 | 8.0 | 294584.0 | 1.514568 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 35.515013 | 8.0 | 280461.0 | 1.479792 | Y |



## Calibration / 2-Chlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

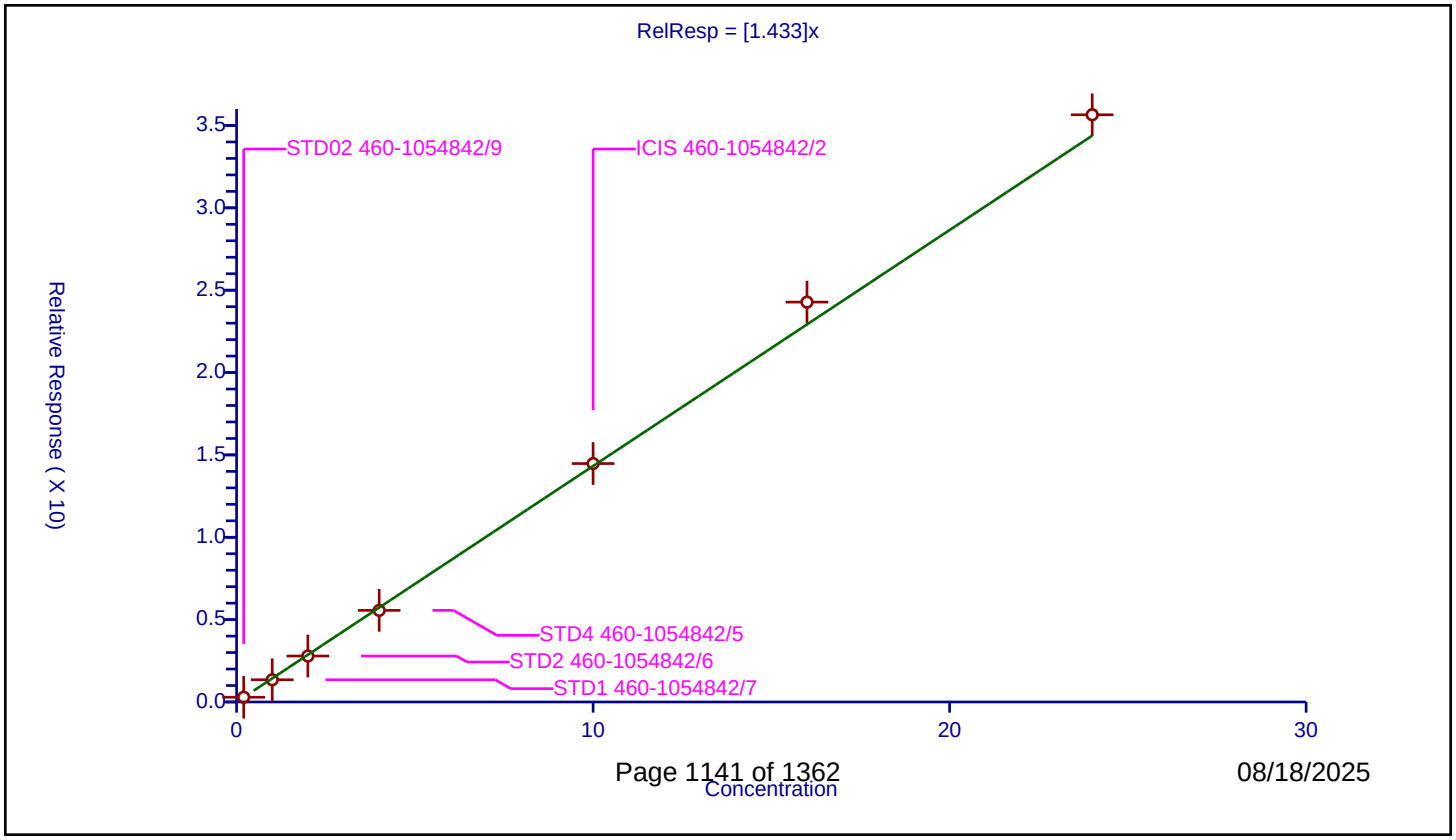
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.433 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.288644 | 8.0 | 319785.0 | 1.44322 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.349083 | 8.0 | 308073.0 | 1.349083 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.790195 | 8.0 | 314206.0 | 1.395097 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 5.561139 | 8.0 | 303768.0 | 1.390285 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 14.475856 | 8.0 | 302150.0 | 1.447586 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 24.27643 | 8.0 | 294584.0 | 1.517277 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 35.650333 | 8.0 | 280461.0 | 1.485431 | Y |



## Calibration / n-Decane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

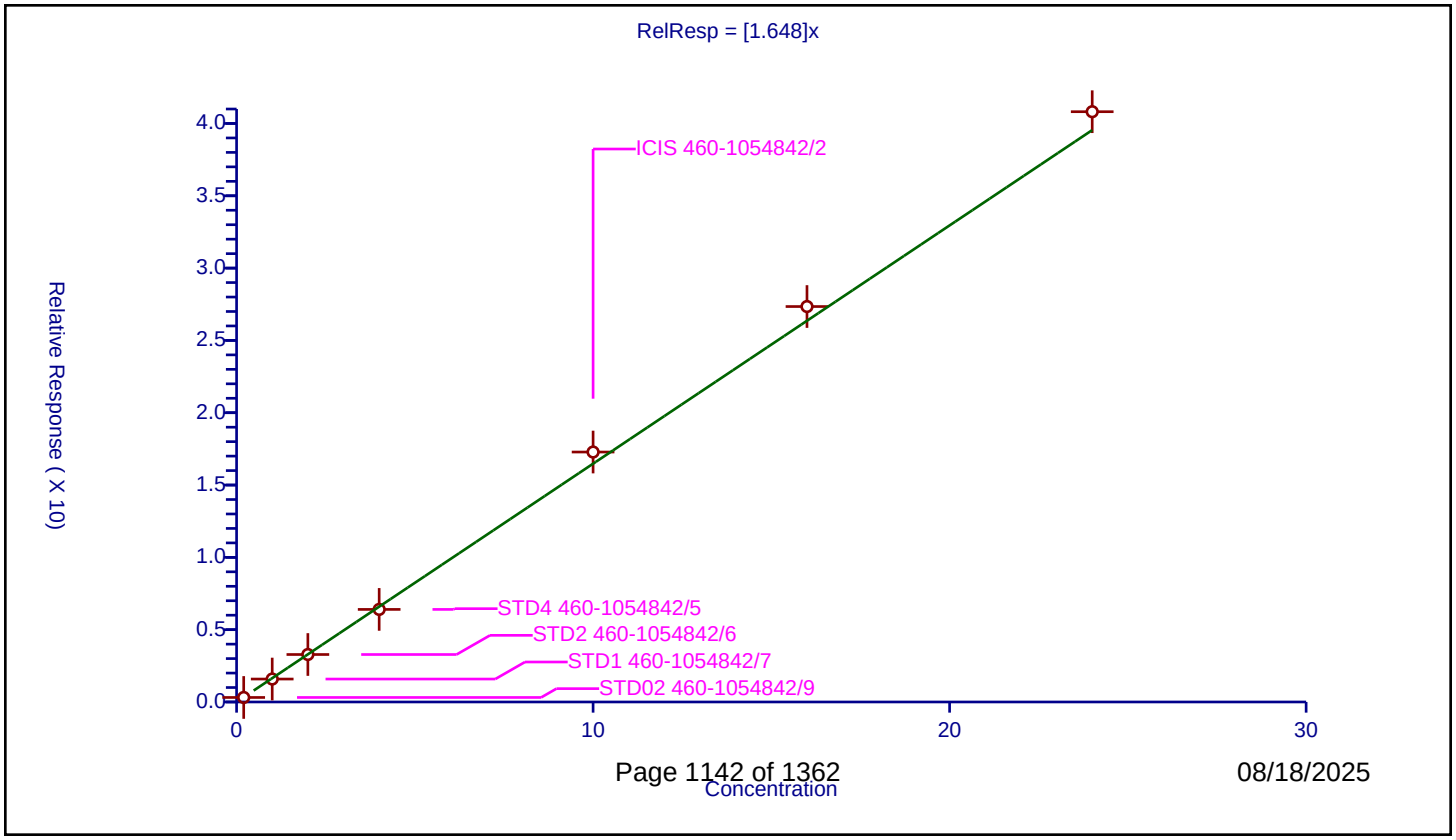
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.648 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.313285 | 8.0 | 319785.0 | 1.566427 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.586871 | 8.0 | 308073.0 | 1.586871 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 3.283196 | 8.0 | 314206.0 | 1.641598 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 6.400622 | 8.0 | 303768.0 | 1.600155 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 17.28278 | 8.0 | 302150.0 | 1.728278 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 27.3434 | 8.0 | 294584.0 | 1.708962 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 40.813175 | 8.0 | 280461.0 | 1.700549 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

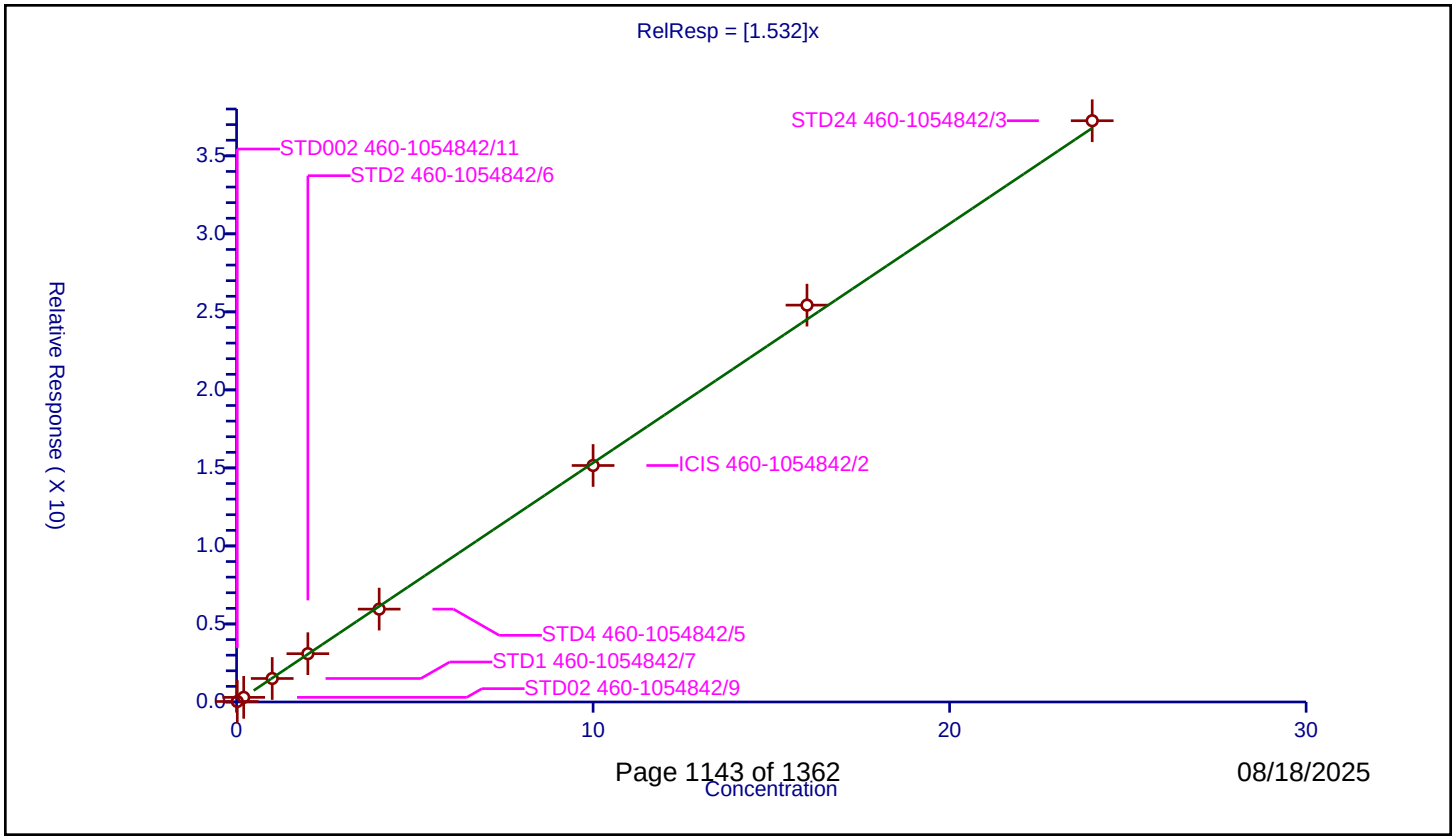
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.532 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.031535 | 8.0 | 308233.0 | 1.576729 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.296899 | 8.0 | 319785.0 | 1.484497 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 1.505825 | 8.0 | 308073.0 | 1.505825 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 3.095014 | 8.0 | 314206.0 | 1.547507 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 5.9512 | 8.0 | 303768.0 | 1.4878 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 15.154989 | 8.0 | 302150.0 | 1.515499 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 25.432746 | 8.0 | 294584.0 | 1.589547 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 37.249015 | 8.0 | 280461.0 | 1.552042 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

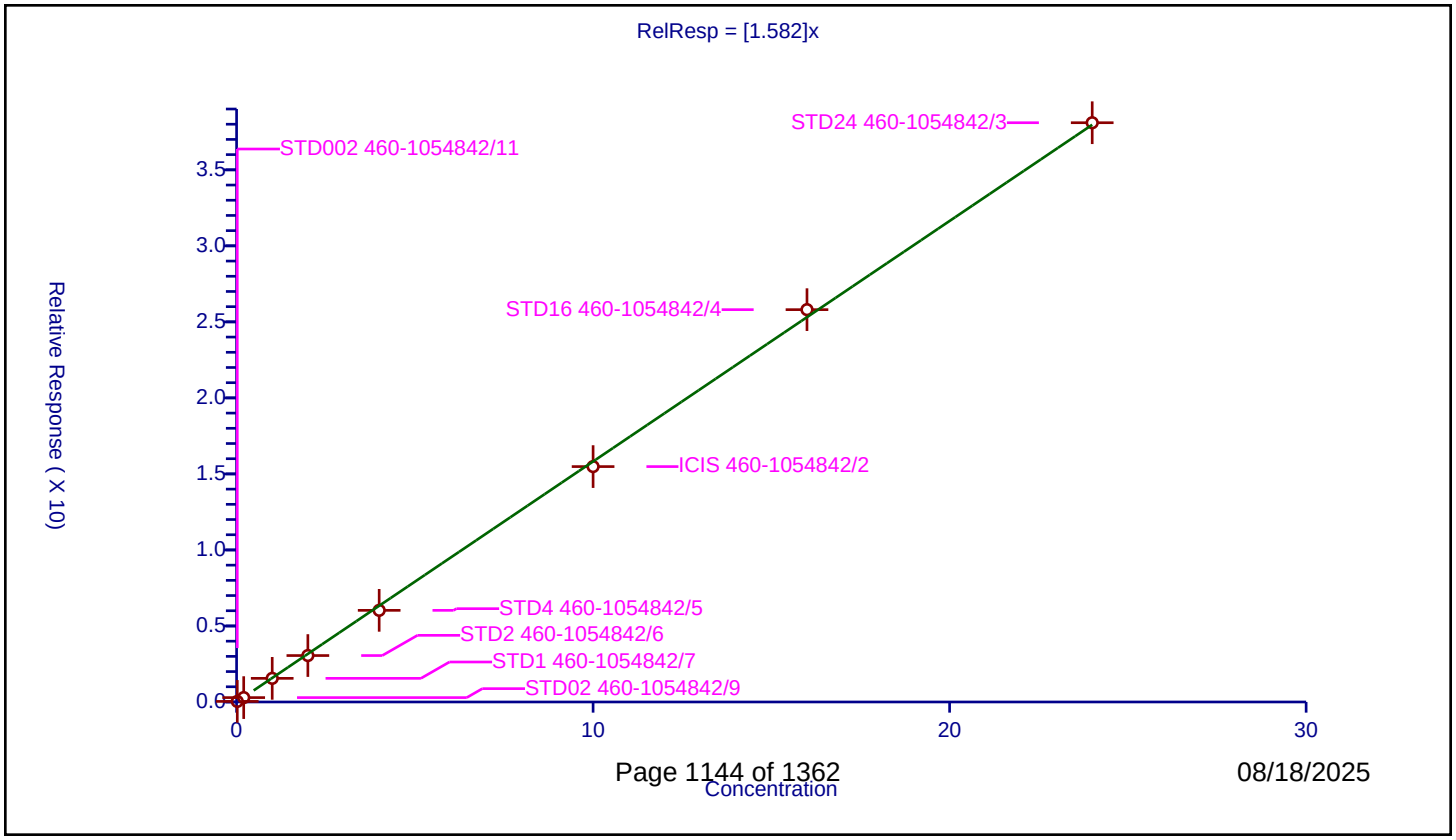
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.582 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.037426 | 8.0 | 308233.0 | 1.871312 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.289169 | 8.0 | 319785.0 | 1.445846 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 1.55493 | 8.0 | 308073.0 | 1.55493 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 3.054658 | 8.0 | 314206.0 | 1.527329 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 6.027837 | 8.0 | 303768.0 | 1.506959 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 15.483012 | 8.0 | 302150.0 | 1.548301 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 25.80409 | 8.0 | 294584.0 | 1.612756 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 38.097618 | 8.0 | 280461.0 | 1.587401 | Y |



## Calibration / Benzyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

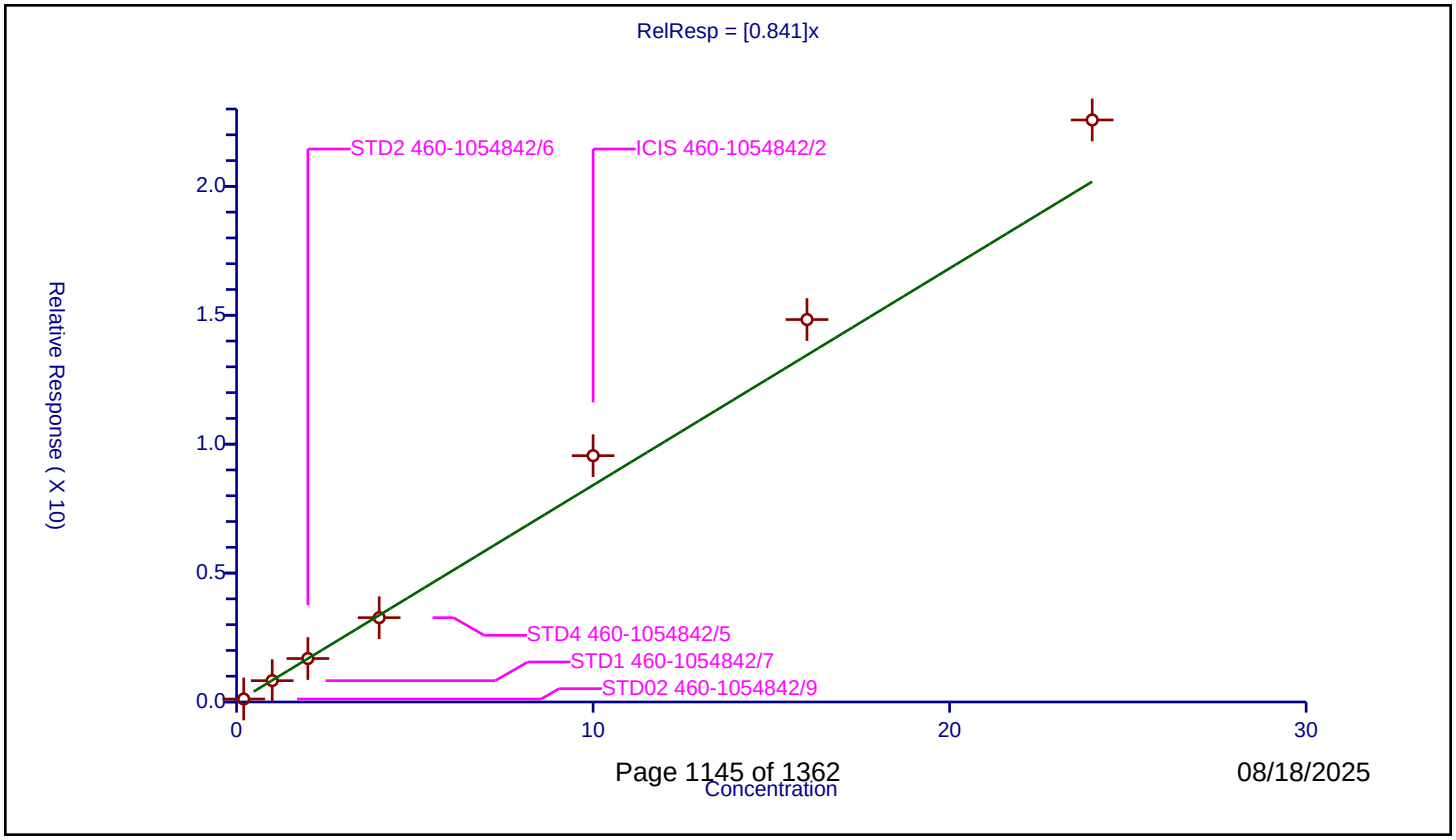
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.841 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.115052 | 8.0 | 319785.0 | 0.575262 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.828349 | 8.0 | 308073.0 | 0.828349 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.68562 | 8.0 | 314206.0 | 0.84281 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 3.269627 | 8.0 | 303768.0 | 0.817407 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 9.553851 | 8.0 | 302150.0 | 0.955385 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 14.834044 | 8.0 | 294584.0 | 0.927128 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 22.574832 | 8.0 | 280461.0 | 0.940618 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

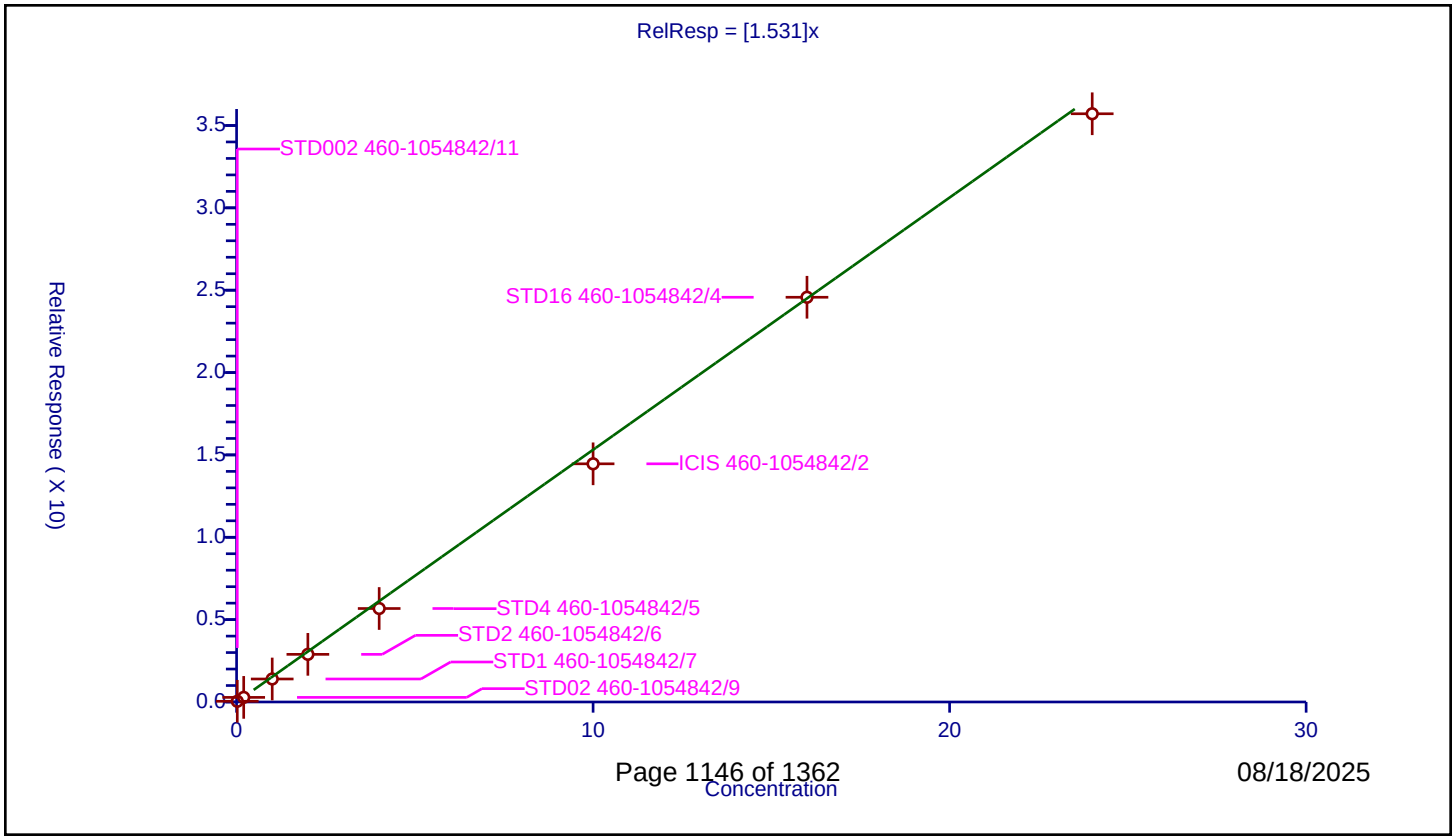
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.531 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.042384 | 8.0 | 308233.0 | 2.119176 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.280013 | 8.0 | 319785.0 | 1.400066 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 1.395825 | 8.0 | 308073.0 | 1.395825 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 2.891683 | 8.0 | 314206.0 | 1.445841 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 5.676042 | 8.0 | 303768.0 | 1.419011 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 14.460367 | 8.0 | 302150.0 | 1.446037 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 24.571789 | 8.0 | 294584.0 | 1.535737 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 35.71109 | 8.0 | 280461.0 | 1.487962 | Y |



## Calibration / 2-Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

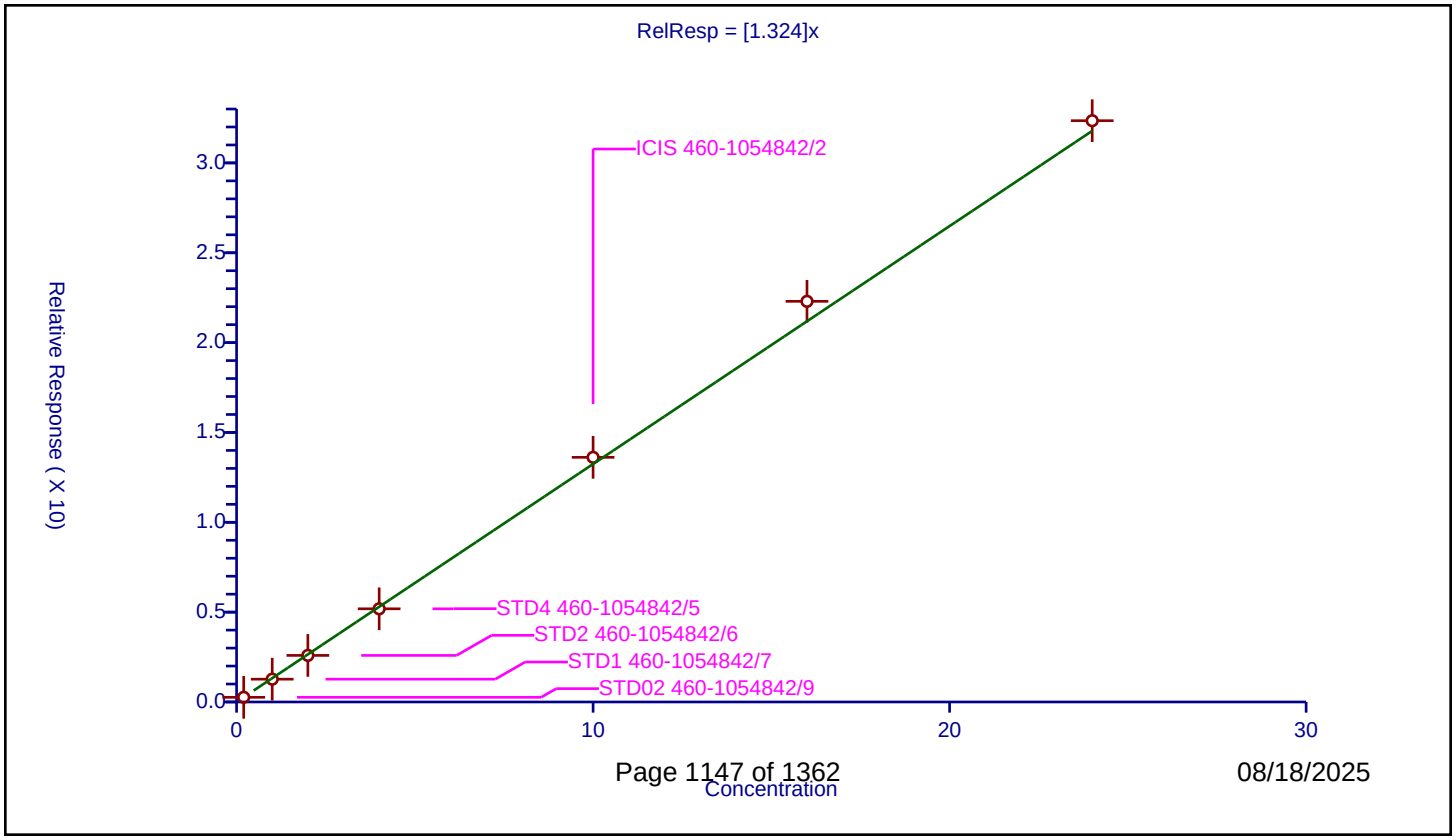
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.324 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.260875 | 8.0 | 319785.0 | 1.304376 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.270037 | 8.0 | 308073.0 | 1.270037 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.592134 | 8.0 | 314206.0 | 1.296067 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 5.185326 | 8.0 | 303768.0 | 1.296331 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 13.614986 | 8.0 | 302150.0 | 1.361499 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 22.297531 | 8.0 | 294584.0 | 1.393596 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 32.34951 | 8.0 | 280461.0 | 1.347896 | Y |



## Calibration / 2,2'-oxybis[1-chloropropane]

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

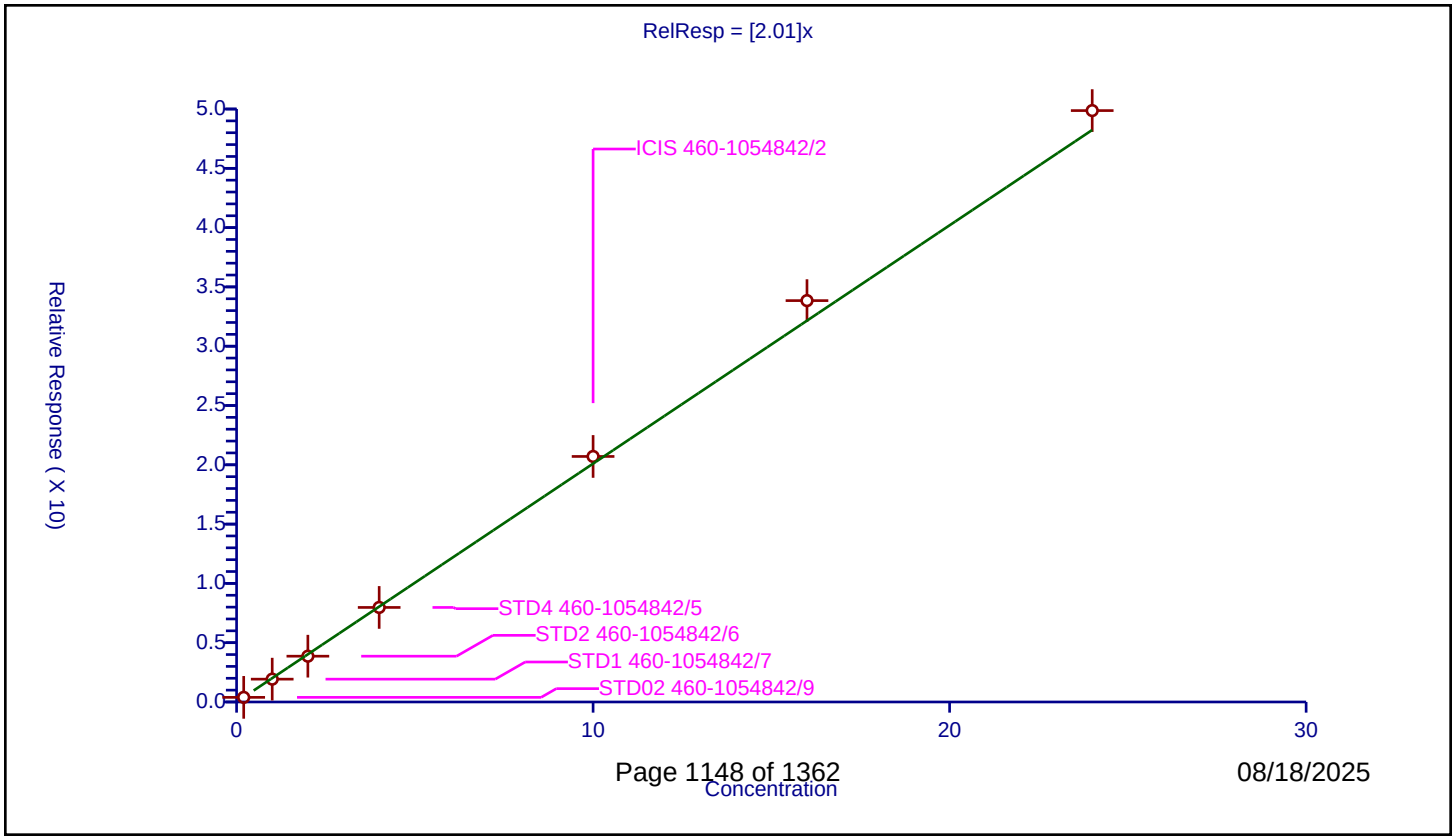
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.01 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.391063 | 8.0 | 319785.0 | 1.955314 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.924946 | 8.0 | 308073.0 | 1.924946 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 3.862358 | 8.0 | 314206.0 | 1.931179 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 7.973006 | 8.0 | 303768.0 | 1.993251 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 20.704365 | 8.0 | 302150.0 | 2.070437 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 33.84344 | 8.0 | 294584.0 | 2.115215 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 49.867953 | 8.0 | 280461.0 | 2.077831 | Y |



## Calibration / 3 & 4 Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

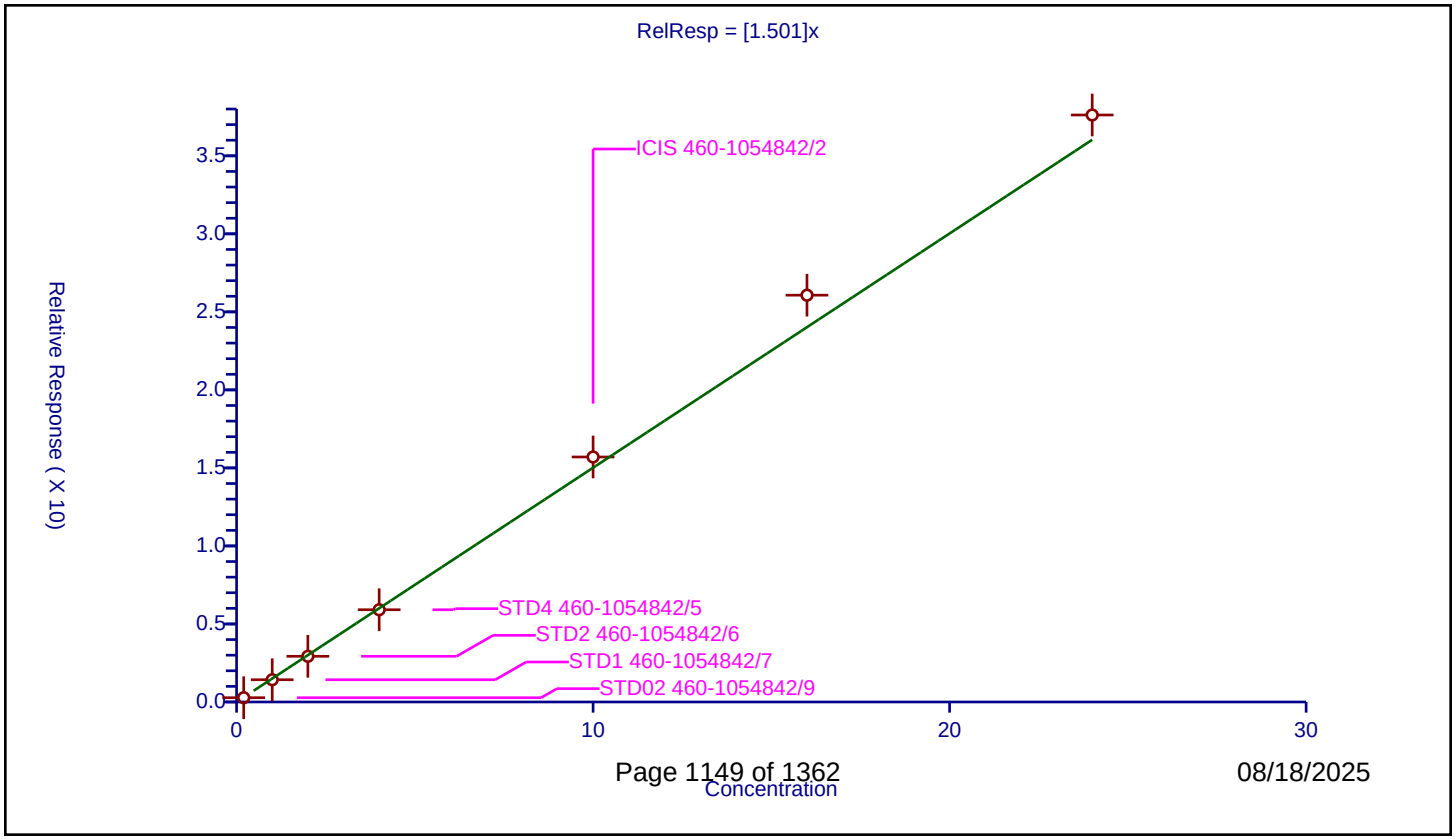
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.501 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.274484 | 8.0 | 319785.0 | 1.372422 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.426883 | 8.0 | 308073.0 | 1.426883 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.927786 | 8.0 | 314206.0 | 1.463893 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 5.912565 | 8.0 | 303768.0 | 1.478141 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 15.701367 | 8.0 | 302150.0 | 1.570137 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 26.069793 | 8.0 | 294584.0 | 1.629362 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 37.616667 | 8.0 | 280461.0 | 1.567361 | Y |



## Calibration / 4-Methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

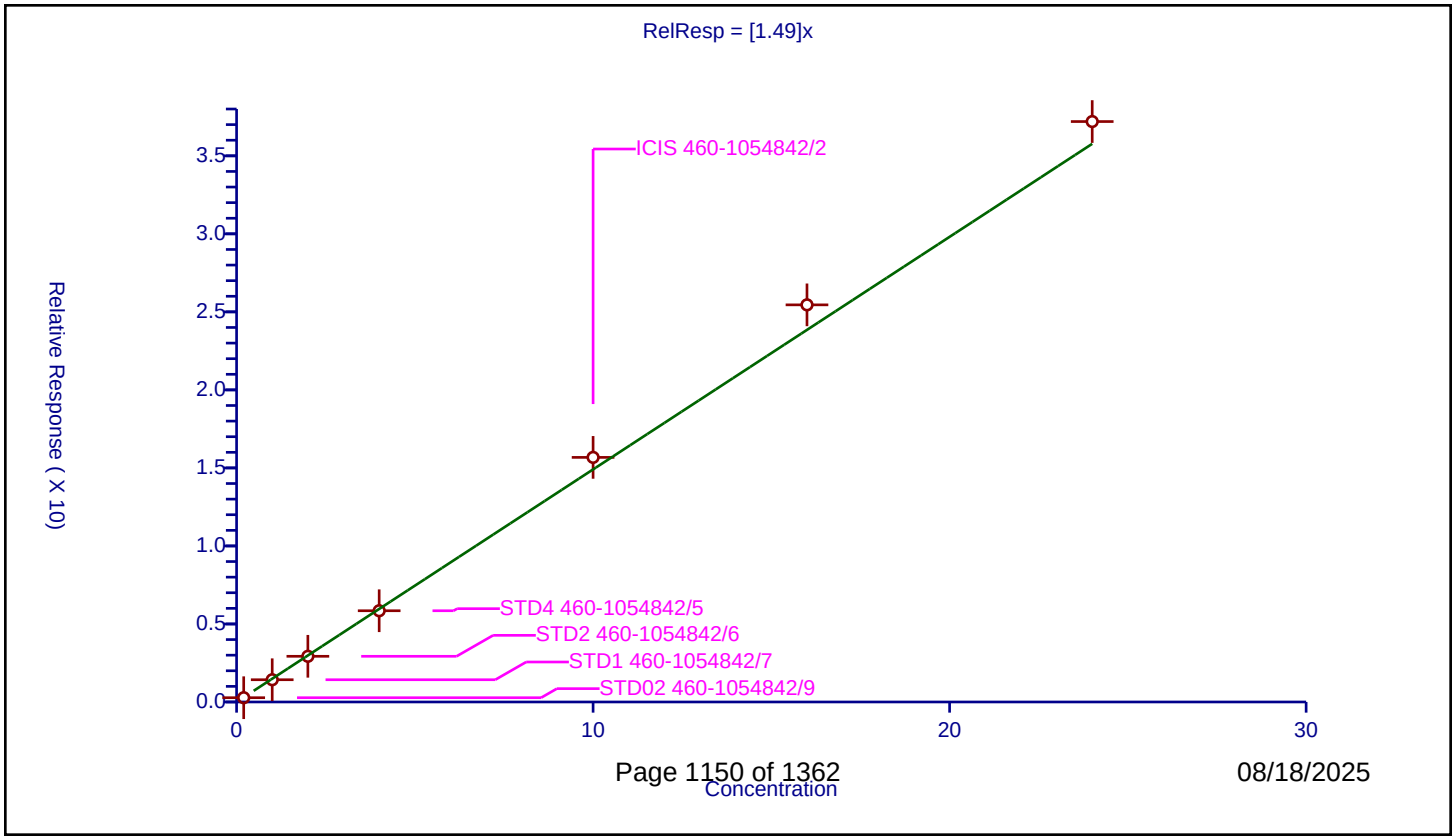
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.49 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.274484 | 8.0 | 319785.0 | 1.372422 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.426883 | 8.0 | 308073.0 | 1.426883 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.927786 | 8.0 | 314206.0 | 1.463893 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 5.846198 | 8.0 | 303768.0 | 1.46155 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 15.674969 | 8.0 | 302150.0 | 1.567497 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 25.450588 | 8.0 | 294584.0 | 1.590662 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 37.197186 | 8.0 | 280461.0 | 1.549883 | Y |



## Calibration / N-Methylaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

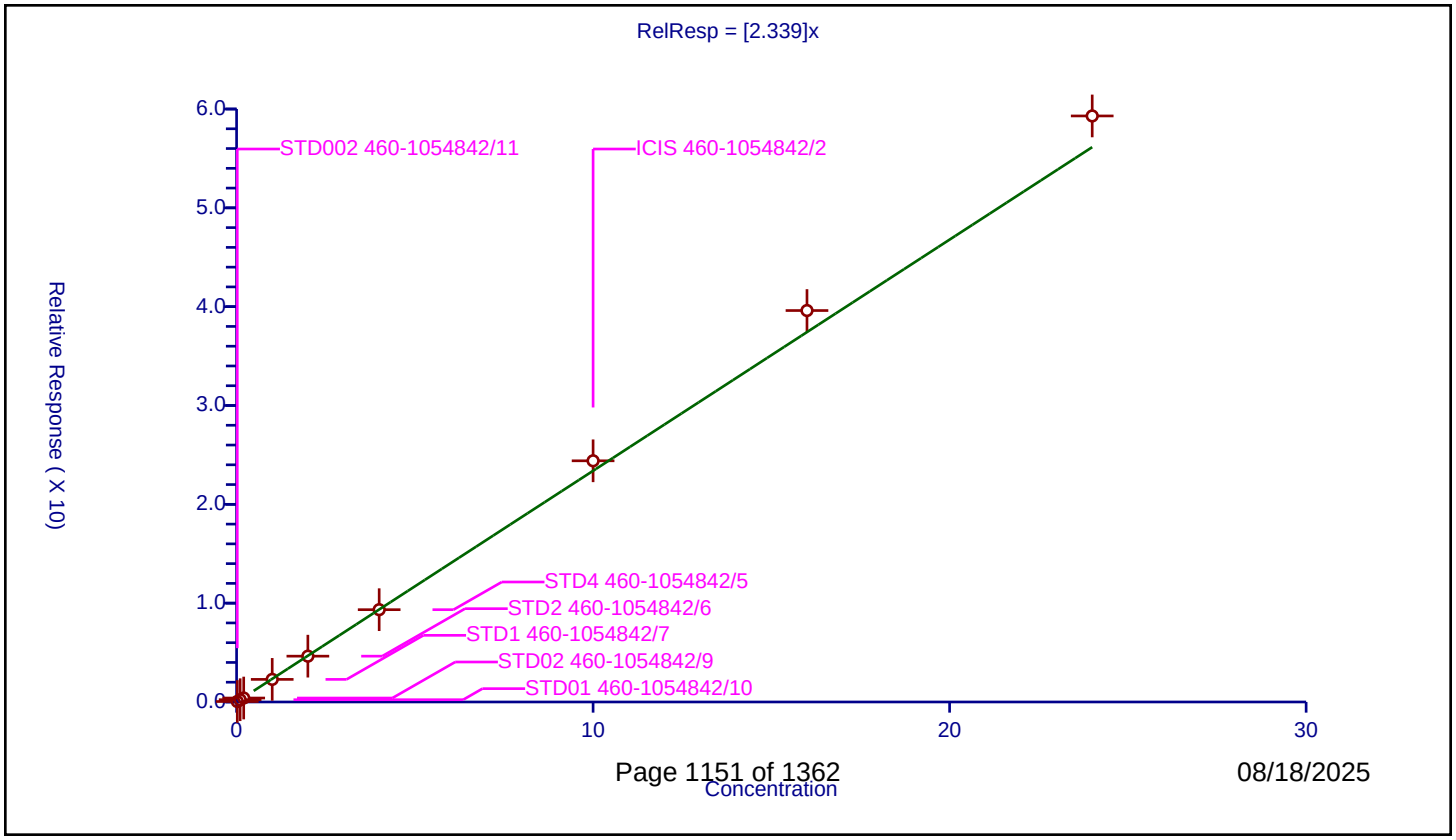
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.339 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.048145 | 8.0 | 308233.0 | 2.40727 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.231465 | 8.0 | 322399.0 | 2.314647 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.400969 | 8.0 | 319785.0 | 2.004847 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 2.286627 | 8.0 | 308073.0 | 2.286627 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 4.636041 | 8.0 | 314206.0 | 2.318021 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 9.339759 | 8.0 | 303768.0 | 2.33494 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 24.404435 | 8.0 | 302150.0 | 2.440443 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 39.609891 | 8.0 | 294584.0 | 2.475618 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 59.298056 | 8.0 | 280461.0 | 2.470752 | Y |



## Calibration / Acetophenone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

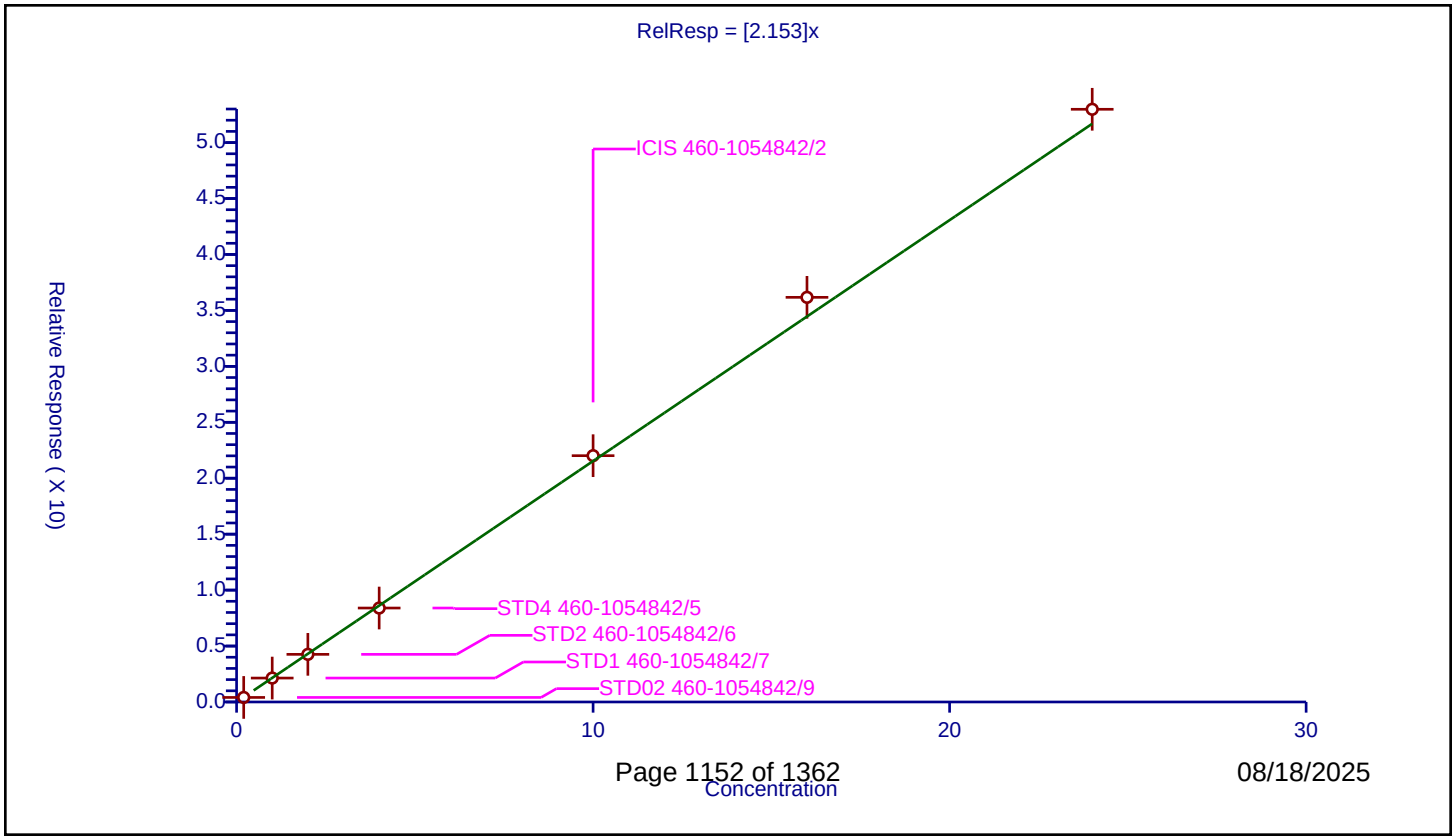
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.153 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.407474 | 8.0 | 319785.0 | 2.037369 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 2.139285 | 8.0 | 308073.0 | 2.139285 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 4.256952 | 8.0 | 314206.0 | 2.128476 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 8.397935 | 8.0 | 303768.0 | 2.099484 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 22.015264 | 8.0 | 302150.0 | 2.201526 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 36.166879 | 8.0 | 294584.0 | 2.26043 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 52.975123 | 8.0 | 280461.0 | 2.207297 | Y |



## Calibration / N-Nitrosodi-n-propylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

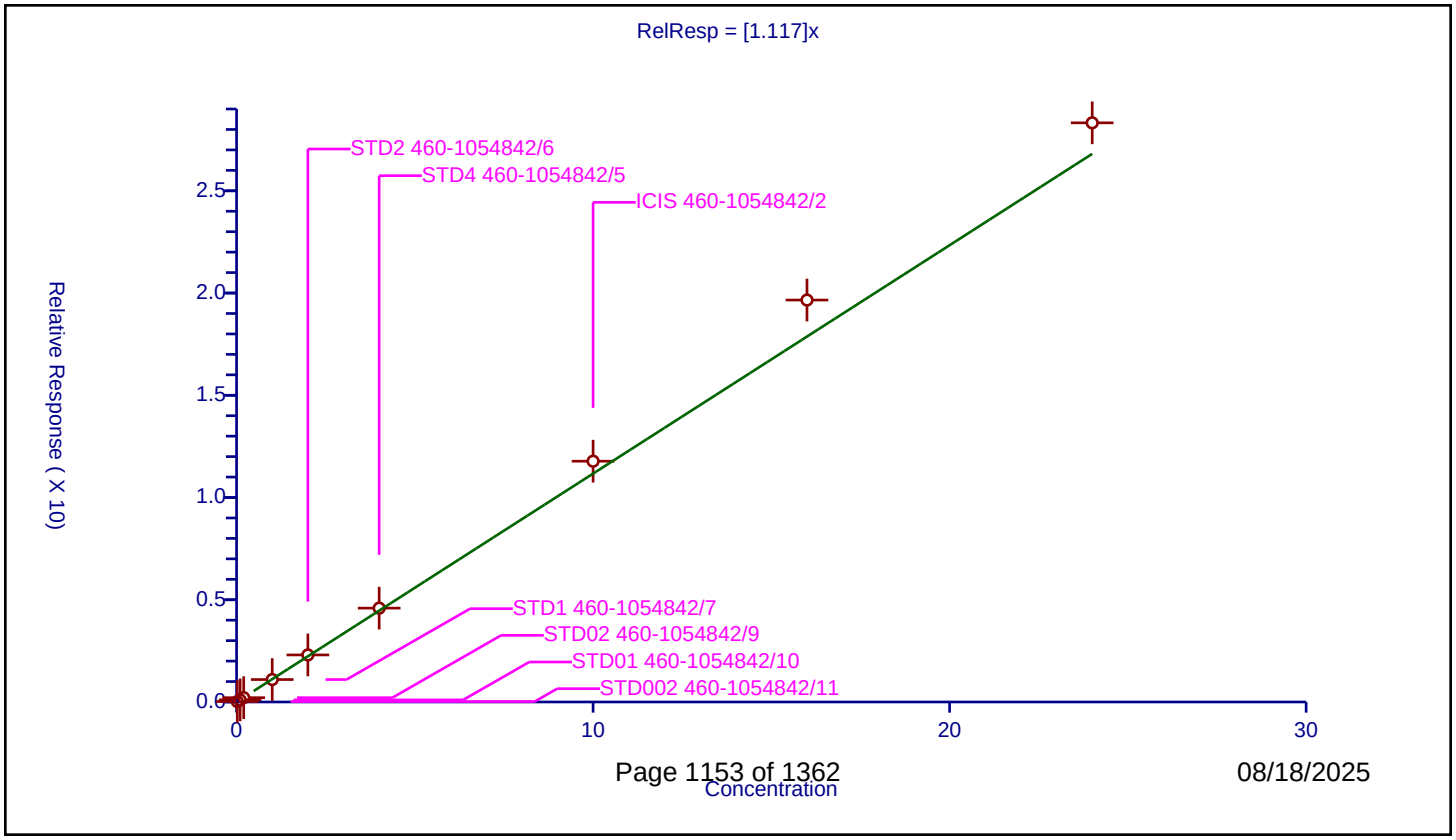
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.117 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.019959 | 8.0 | 308233.0 | 0.997946 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.102184 | 8.0 | 322399.0 | 1.021839 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.210241 | 8.0 | 319785.0 | 1.051206 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 1.097246 | 8.0 | 308073.0 | 1.097246 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.300733 | 8.0 | 314206.0 | 1.150366 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 4.590398 | 8.0 | 303768.0 | 1.147599 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 11.775661 | 8.0 | 302150.0 | 1.177566 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 19.657252 | 8.0 | 294584.0 | 1.228578 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 28.323995 | 8.0 | 280461.0 | 1.180166 | Y |



## Calibration / Hexachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

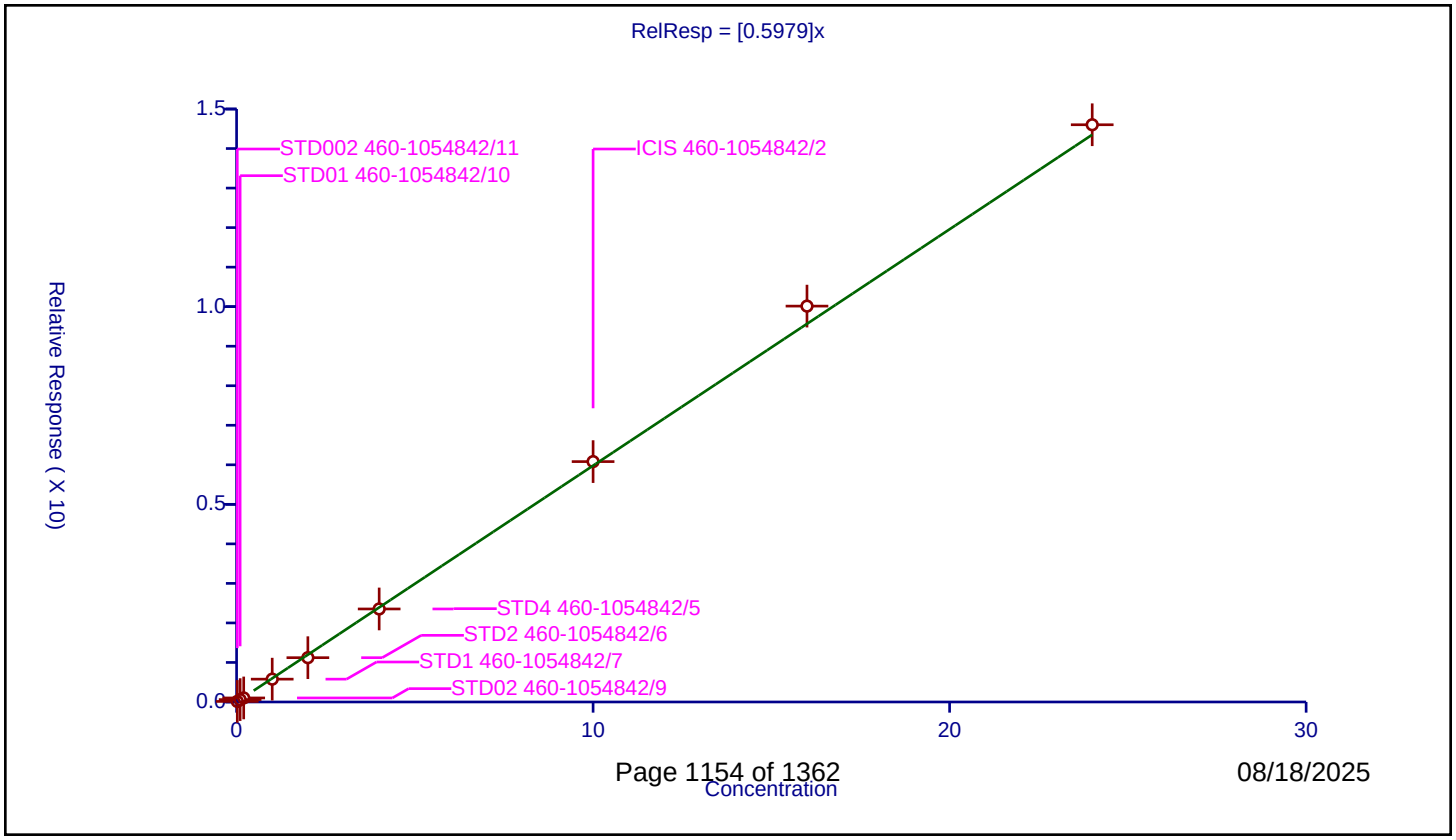
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5979 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.013938 | 8.0 | 308233.0 | 0.696875 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.060397 | 8.0 | 322399.0 | 0.603972 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.102294 | 8.0 | 319785.0 | 0.511469 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.577655 | 8.0 | 308073.0 | 0.577655 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 1.120692 | 8.0 | 314206.0 | 0.560346 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 2.353349 | 8.0 | 303768.0 | 0.588337 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 6.080741 | 8.0 | 302150.0 | 0.608074 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 10.014122 | 8.0 | 294584.0 | 0.625883 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 14.602016 | 8.0 | 280461.0 | 0.608417 | Y |



## Calibration / Nitrobenzene-d5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

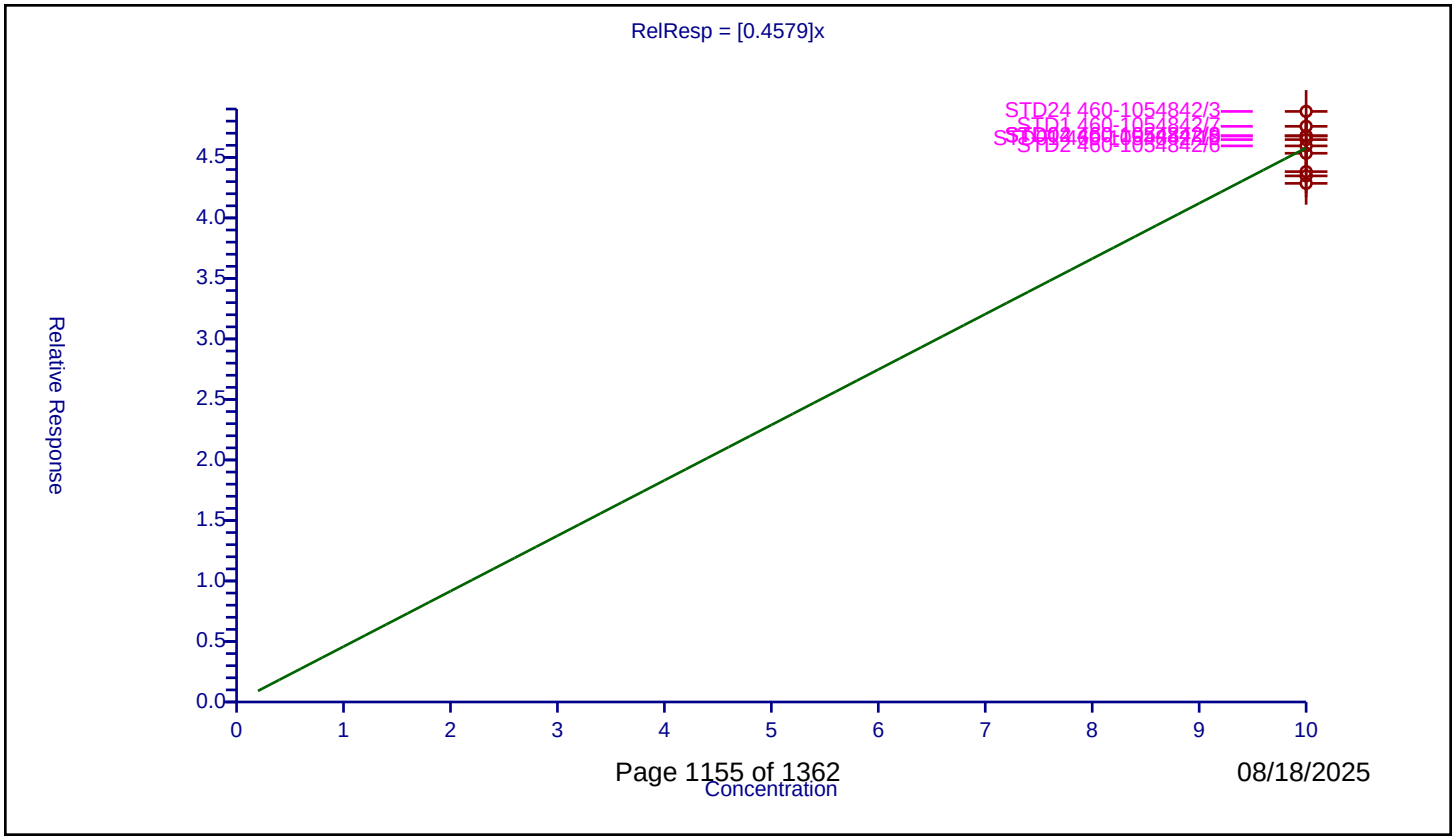
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4579 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1054842/2 | 10.0 | 4.347446 | 8.0 | 1218871.0 | 0.434745 | Y |
| 2 | STD24 460-1054842/3 | 10.0 | 4.880231 | 8.0 | 1127950.0 | 0.488023 | Y |
| 3 | STD16 460-1054842/4 | 10.0 | 4.285633 | 8.0 | 1172890.0 | 0.428563 | Y |
| 4 | STD4 460-1054842/5 | 10.0 | 4.534387 | 8.0 | 1219723.0 | 0.453439 | Y |
| 5 | STD2 460-1054842/6 | 10.0 | 4.59534 | 8.0 | 1289790.0 | 0.459534 | Y |
| 6 | STD1 460-1054842/7 | 10.0 | 4.756962 | 8.0 | 1244776.0 | 0.475696 | Y |
| 7 | STD04 460-1054842/8 | 10.0 | 4.679361 | 8.0 | 1260143.0 | 0.467936 | Y |
| 8 | STD02 460-1054842/9 | 10.0 | 4.676686 | 8.0 | 1260886.0 | 0.467669 | Y |
| 9 | STD01 460-1054842/10 | 10.0 | 4.647306 | 8.0 | 1304737.0 | 0.464731 | Y |
| 10 | STD002 460-1054842/11 | 10.0 | 4.382673 | 8.0 | 1267159.0 | 0.438267 | Y |



## Calibration / Nitrobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

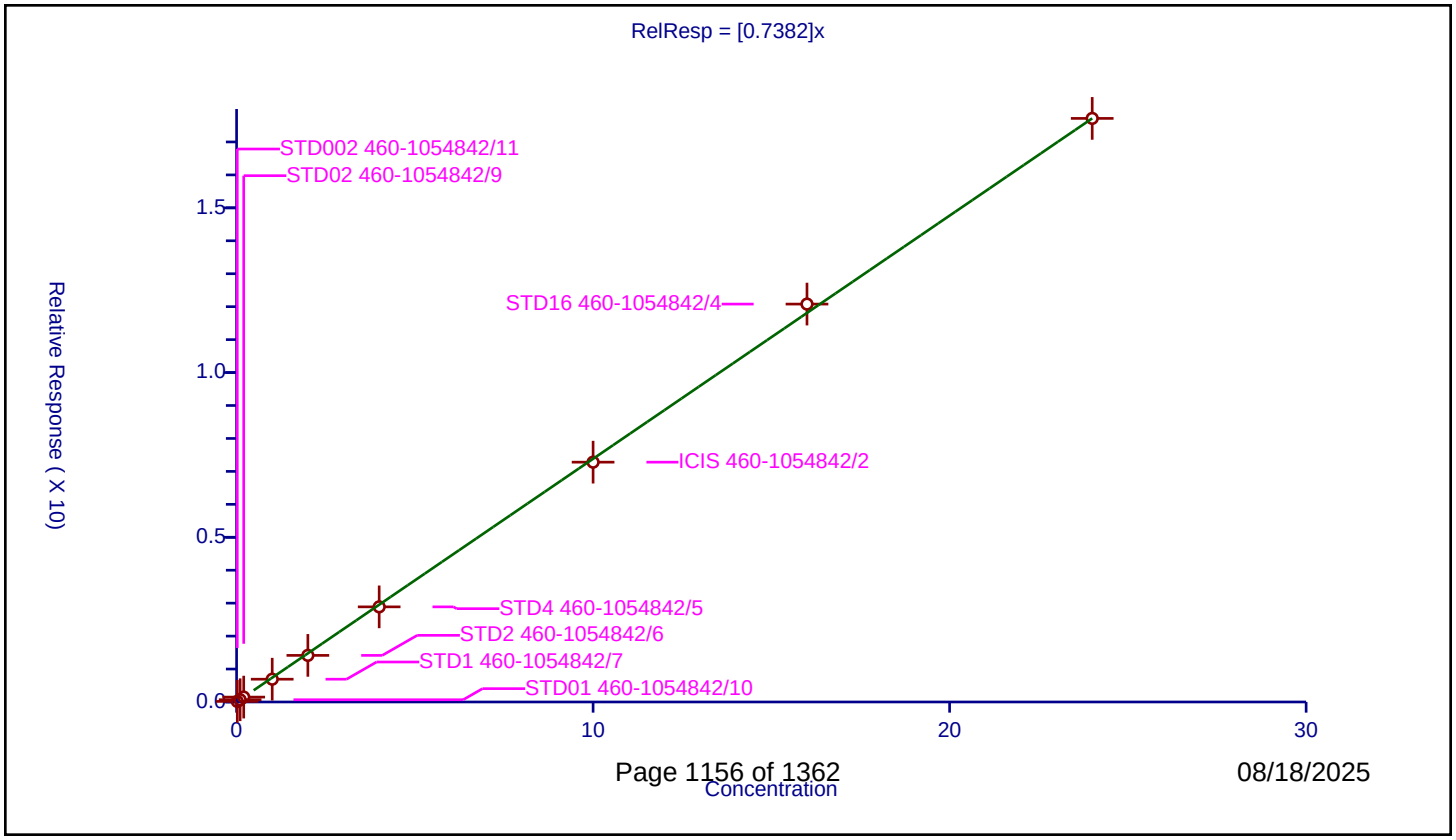
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7382 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.017467 | 8.0 | 308233.0 | 0.873365 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.068586 | 8.0 | 322399.0 | 0.685858 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.1485 | 8.0 | 319785.0 | 0.742499 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.691654 | 8.0 | 308073.0 | 0.691654 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 1.414359 | 8.0 | 314206.0 | 0.707179 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 2.887704 | 8.0 | 303768.0 | 0.721926 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 7.279881 | 8.0 | 302150.0 | 0.727988 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 12.078619 | 8.0 | 294584.0 | 0.754914 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 17.715148 | 8.0 | 280461.0 | 0.738131 | Y |



## Calibration / n,n'-Dimethylaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

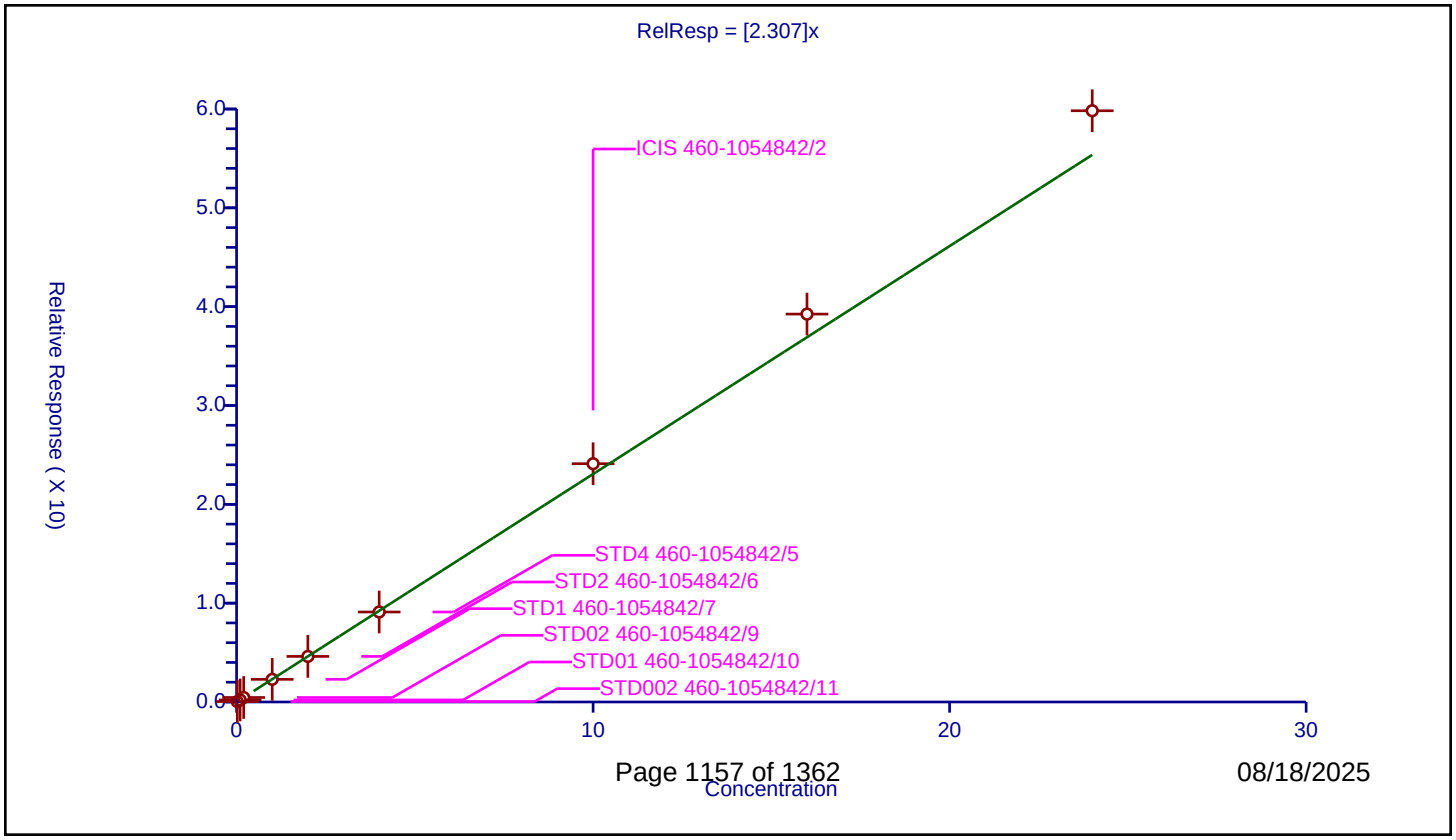
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.307 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.043551 | 8.0 | 308233.0 | 2.177573 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.207544 | 8.0 | 322399.0 | 2.075441 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.455006 | 8.0 | 319785.0 | 2.275029 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 2.291743 | 8.0 | 308073.0 | 2.291743 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 4.611879 | 8.0 | 314206.0 | 2.305939 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 9.104764 | 8.0 | 303768.0 | 2.276191 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 24.110621 | 8.0 | 302150.0 | 2.411062 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 39.250767 | 8.0 | 294584.0 | 2.453173 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 59.824446 | 8.0 | 280461.0 | 2.492685 | Y |



## Calibration / Isophorone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

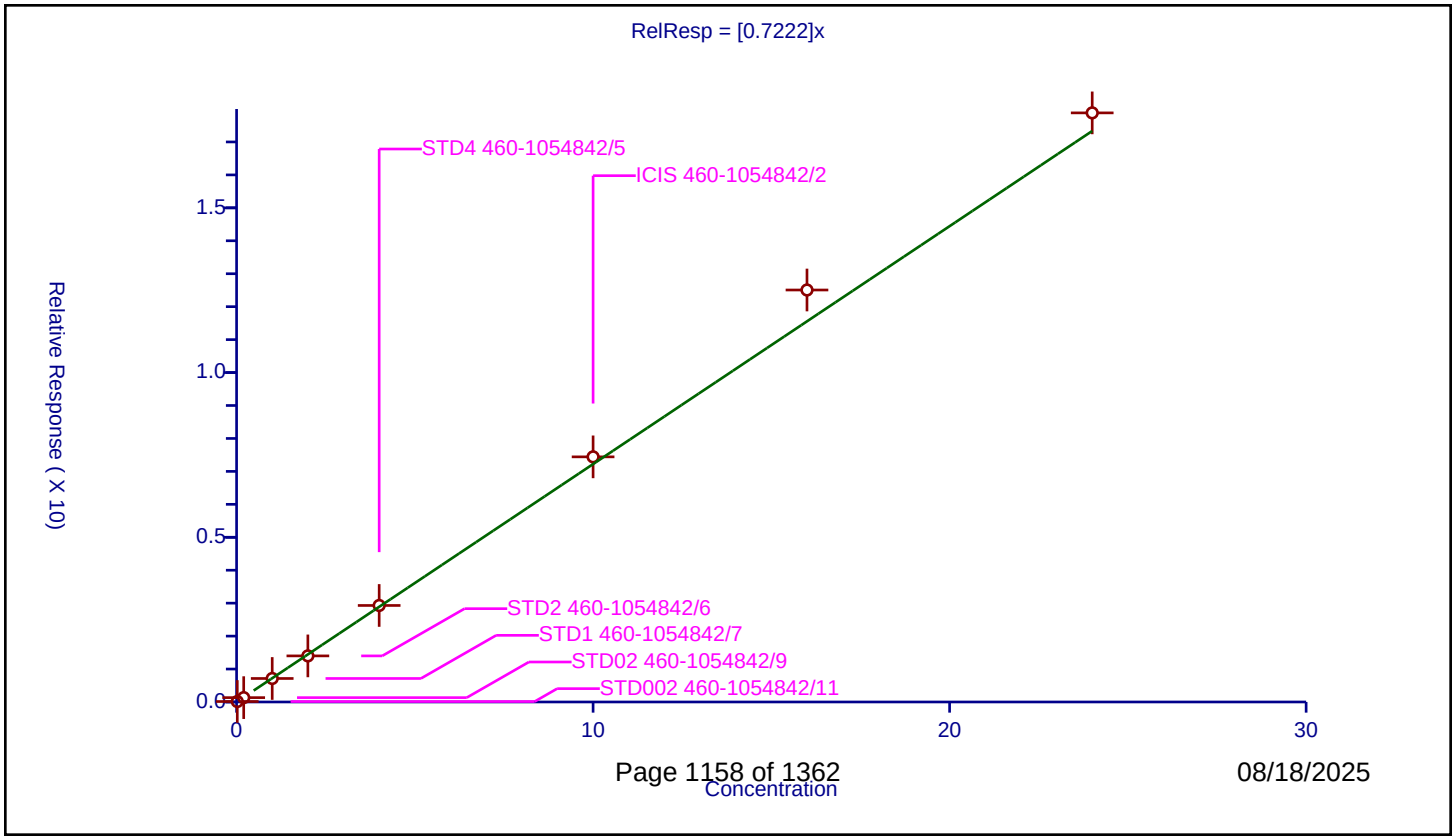
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7222 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.014003 | 8.0 | 1267159.0 | 0.700149 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.132104 | 8.0 | 1260886.0 | 0.66052 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.713716 | 8.0 | 1244776.0 | 0.713716 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 1.399533 | 8.0 | 1289790.0 | 0.699767 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 2.929931 | 8.0 | 1219723.0 | 0.732483 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 7.440952 | 8.0 | 1218871.0 | 0.744095 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 12.50638 | 8.0 | 1172890.0 | 0.781649 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 17.882254 | 8.0 | 1127950.0 | 0.745094 | Y |






08/18/2025

## Calibration / 2-Nitrophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

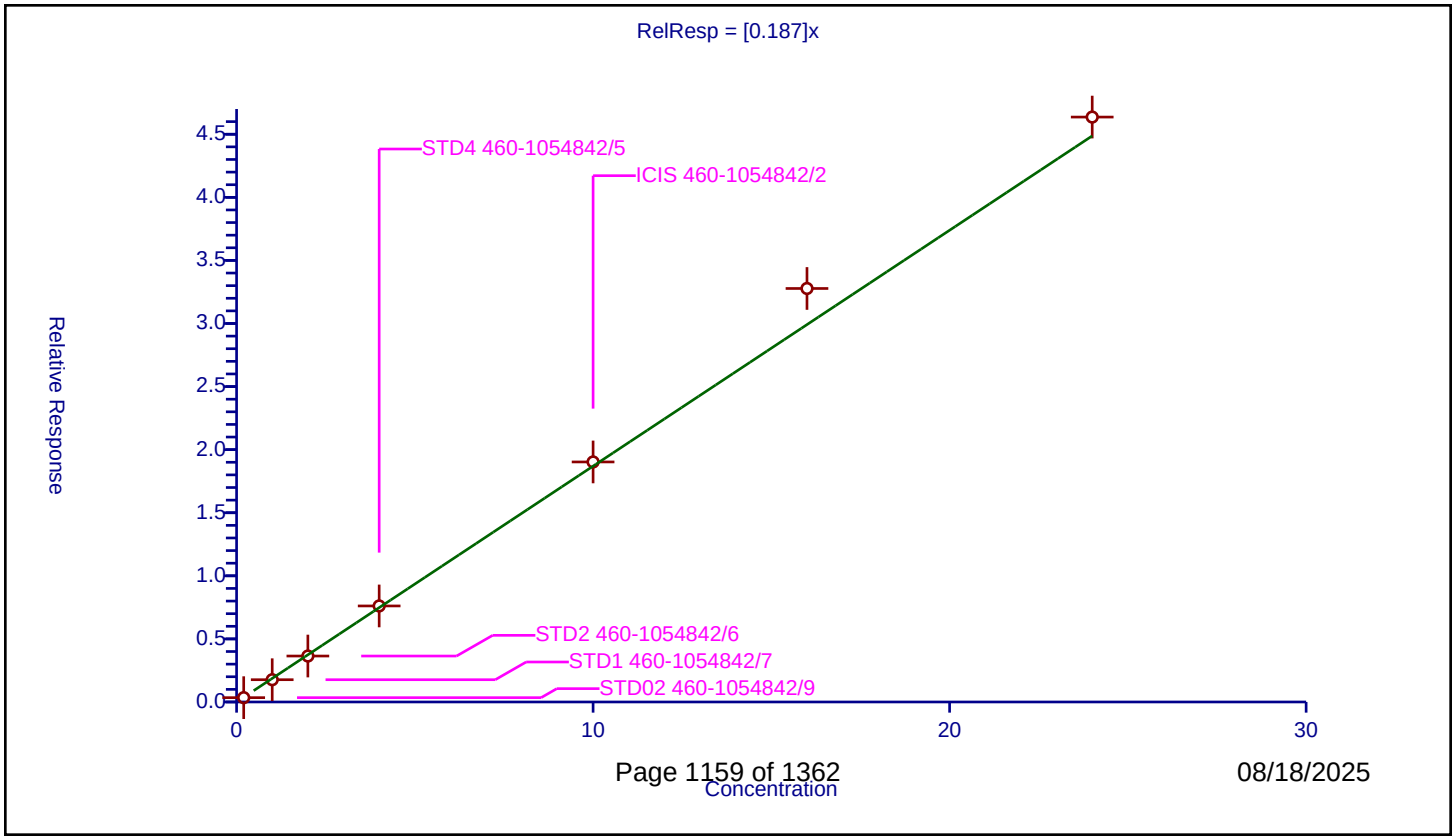
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.187 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.034274 | 8.0 | 1260886.0 | 0.171372 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.176604 | 8.0 | 1244776.0 | 0.176604 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.364214 | 8.0 | 1289790.0 | 0.182107 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 0.761288 | 8.0 | 1219723.0 | 0.190322 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 1.902548 | 8.0 | 1218871.0 | 0.190255 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 3.277538 | 8.0 | 1172890.0 | 0.204846 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 4.636177 | 8.0 | 1127950.0 | 0.193174 | Y |



## Calibration / 2,4-Dimethylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

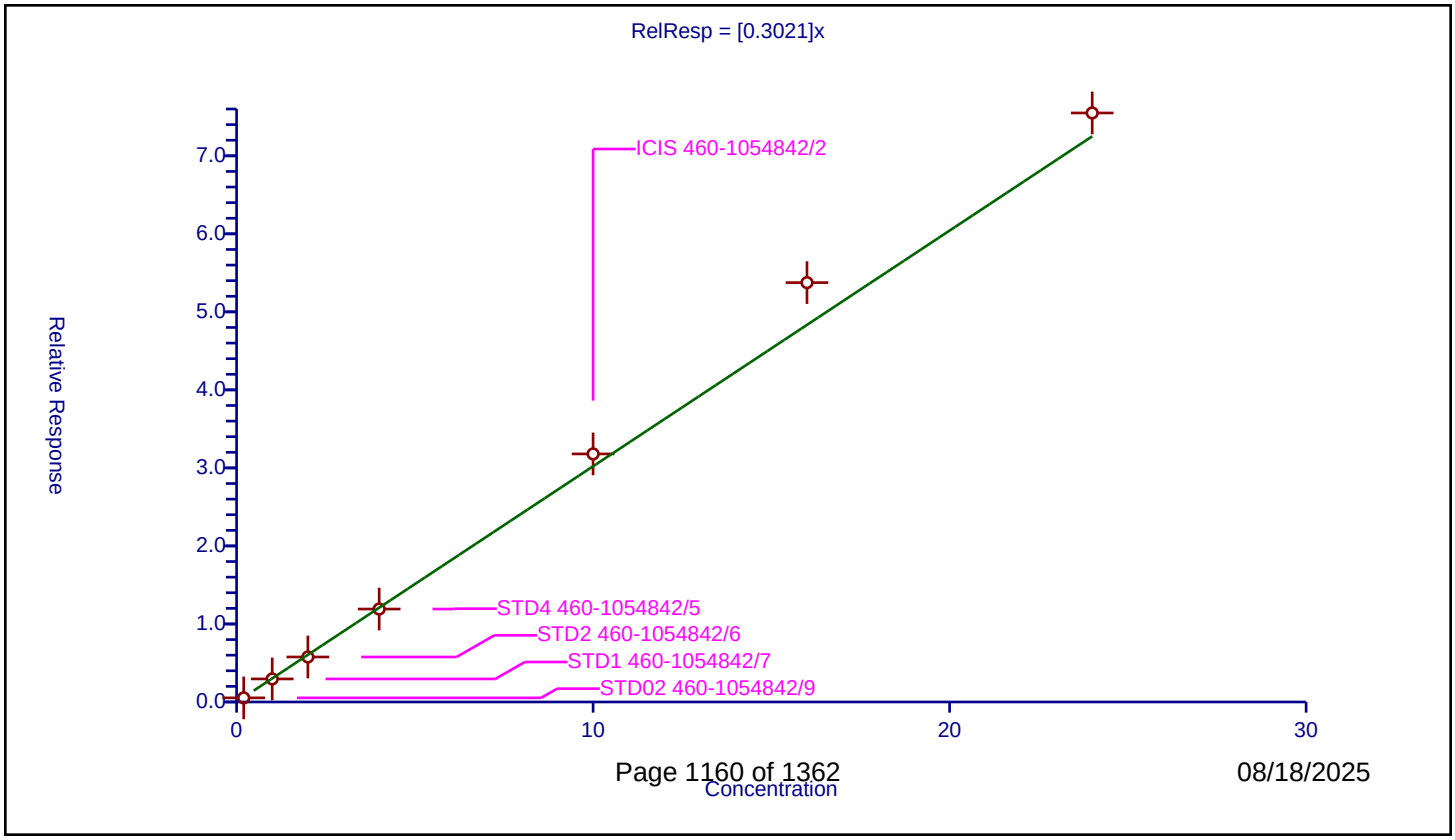
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3021 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.052909 | 8.0 | 1260886.0 | 0.264544 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.295353 | 8.0 | 1244776.0 | 0.295353 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.576844 | 8.0 | 1289790.0 | 0.288422 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.191411 | 8.0 | 1219723.0 | 0.297853 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 3.179355 | 8.0 | 1218871.0 | 0.317936 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 5.374963 | 8.0 | 1172890.0 | 0.335935 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 7.549306 | 8.0 | 1127950.0 | 0.314554 | Y |



## Calibration / Benzoic acid

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

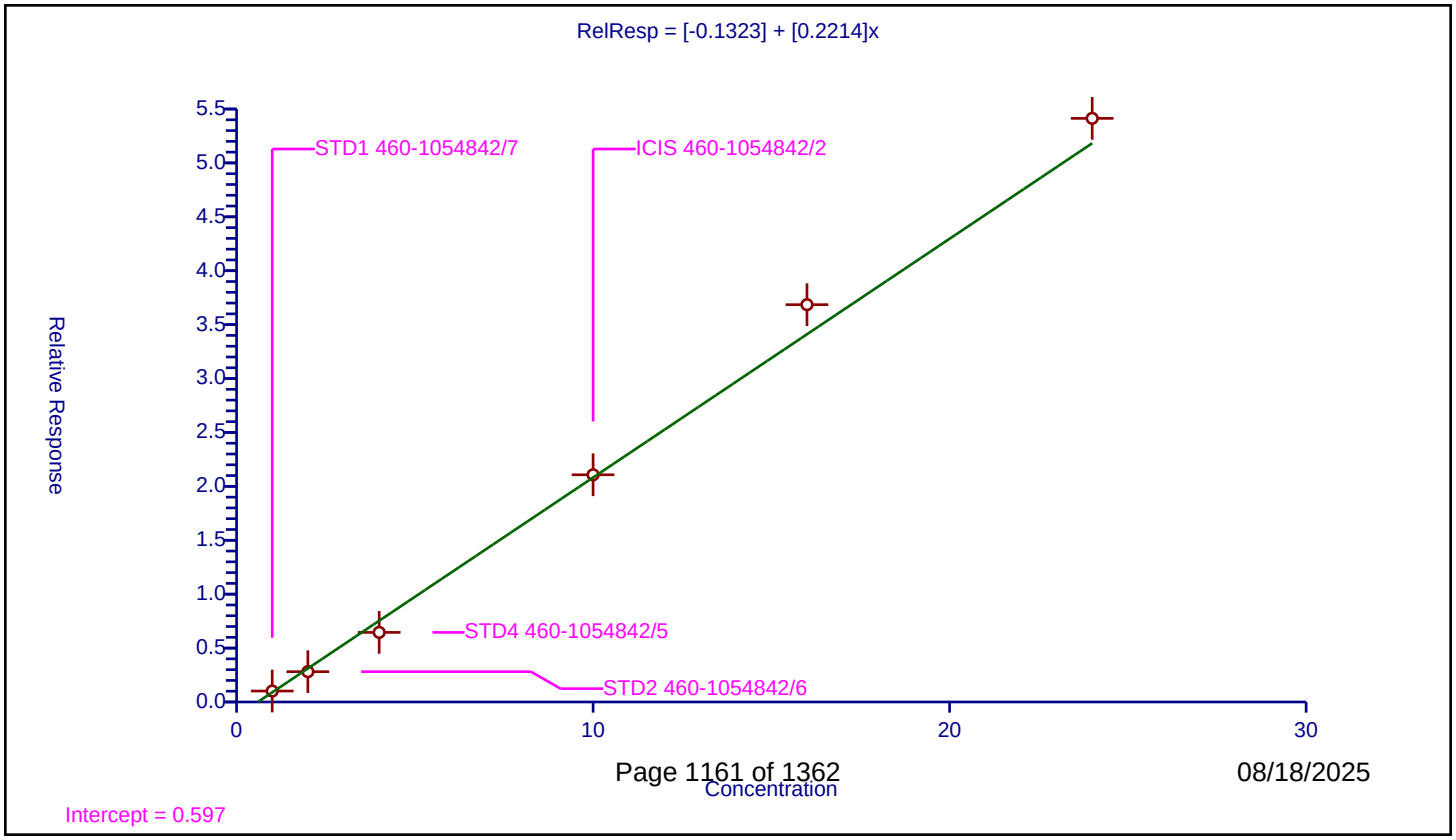
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.1323 |
| **Slope:** | 0.2214 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1054842/7 | 1.0 | 0.101512 | 8.0 | 1244776.0 | 0.101512 | Y |
| 2 | STD2 460-1054842/6 | 2.0 | 0.281199 | 8.0 | 1289790.0 | 0.1406 | Y |
| 3 | STD4 460-1054842/5 | 4.0 | 0.64553 | 8.0 | 1219723.0 | 0.161383 | Y |
| 4 | ICIS 460-1054842/2 | 10.0 | 2.107563 | 8.0 | 1218871.0 | 0.210756 | Y |
| 5 | STD16 460-1054842/4 | 16.0 | 3.68514 | 8.0 | 1172890.0 | 0.230321 | Y |
| 6 | STD24 460-1054842/3 | 24.0 | 5.41329 | 8.0 | 1127950.0 | 0.225554 | Y |



## Calibration / Bis(2-chloroethoxy)methane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

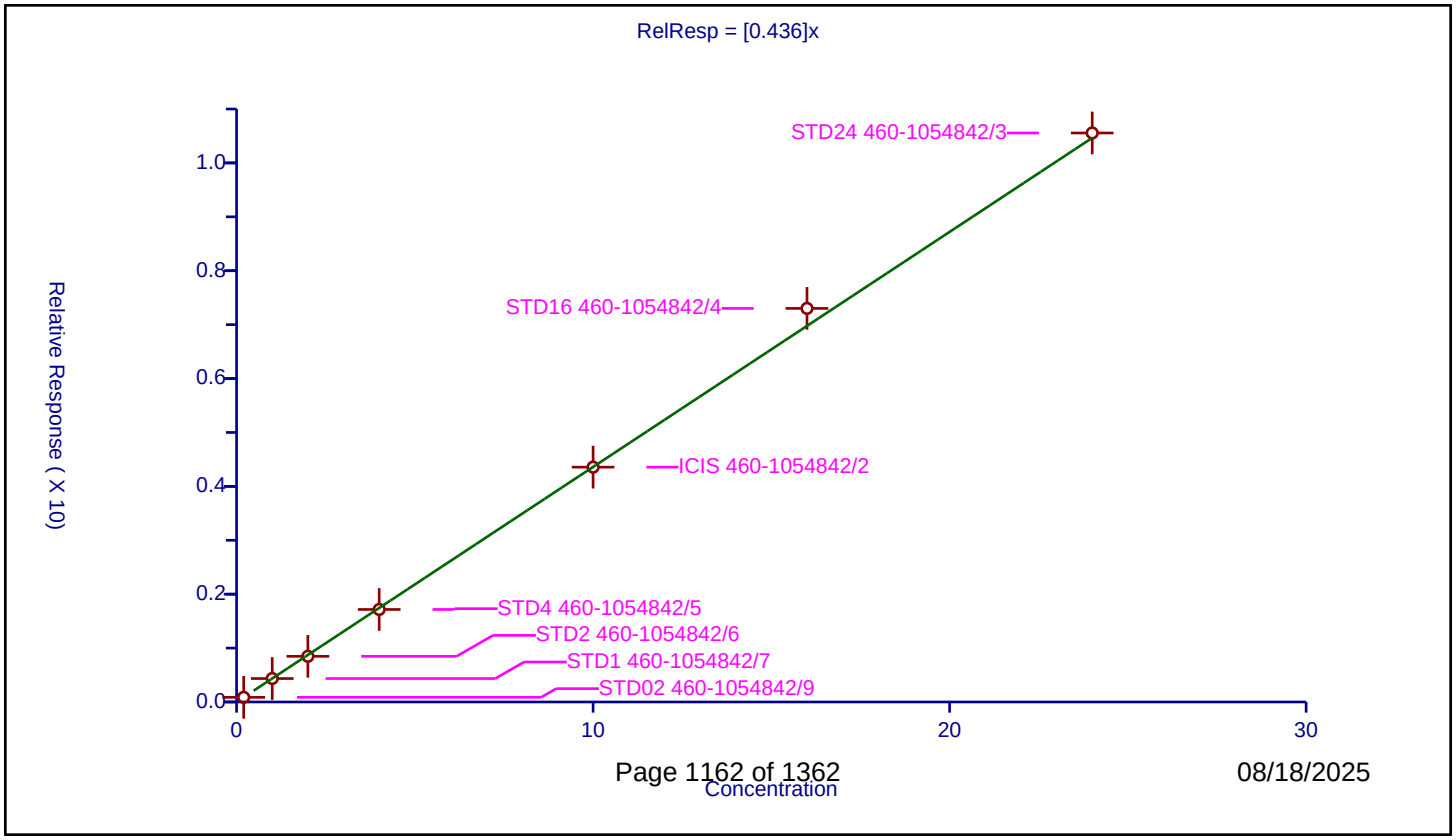
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.436 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.086517 | 8.0 | 1260886.0 | 0.432585 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.435002 | 8.0 | 1244776.0 | 0.435002 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.847282 | 8.0 | 1289790.0 | 0.423641 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.716252 | 8.0 | 1219723.0 | 0.429063 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 4.356438 | 8.0 | 1218871.0 | 0.435644 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 7.301056 | 8.0 | 1172890.0 | 0.456316 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 10.555369 | 8.0 | 1127950.0 | 0.439807 | Y |






08/18/2025

## Calibration / 2,4-Dichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

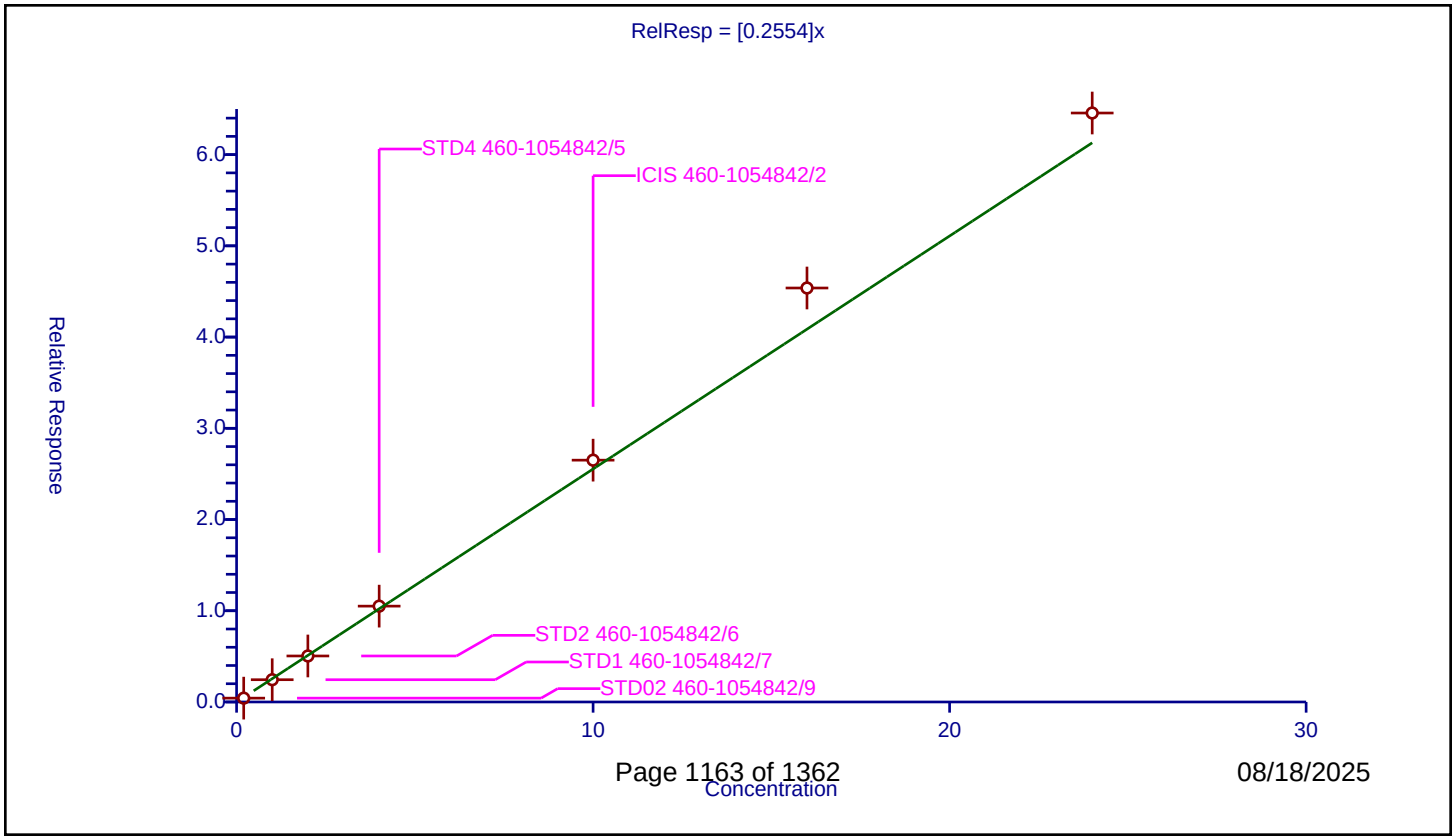
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2554 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.042193 | 8.0 | 1260886.0 | 0.210963 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.244343 | 8.0 | 1244776.0 | 0.244343 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.504324 | 8.0 | 1289790.0 | 0.252162 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.050619 | 8.0 | 1219723.0 | 0.262655 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 2.650899 | 8.0 | 1218871.0 | 0.26509 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 4.538021 | 8.0 | 1172890.0 | 0.283626 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 6.456081 | 8.0 | 1127950.0 | 0.269003 | 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 |

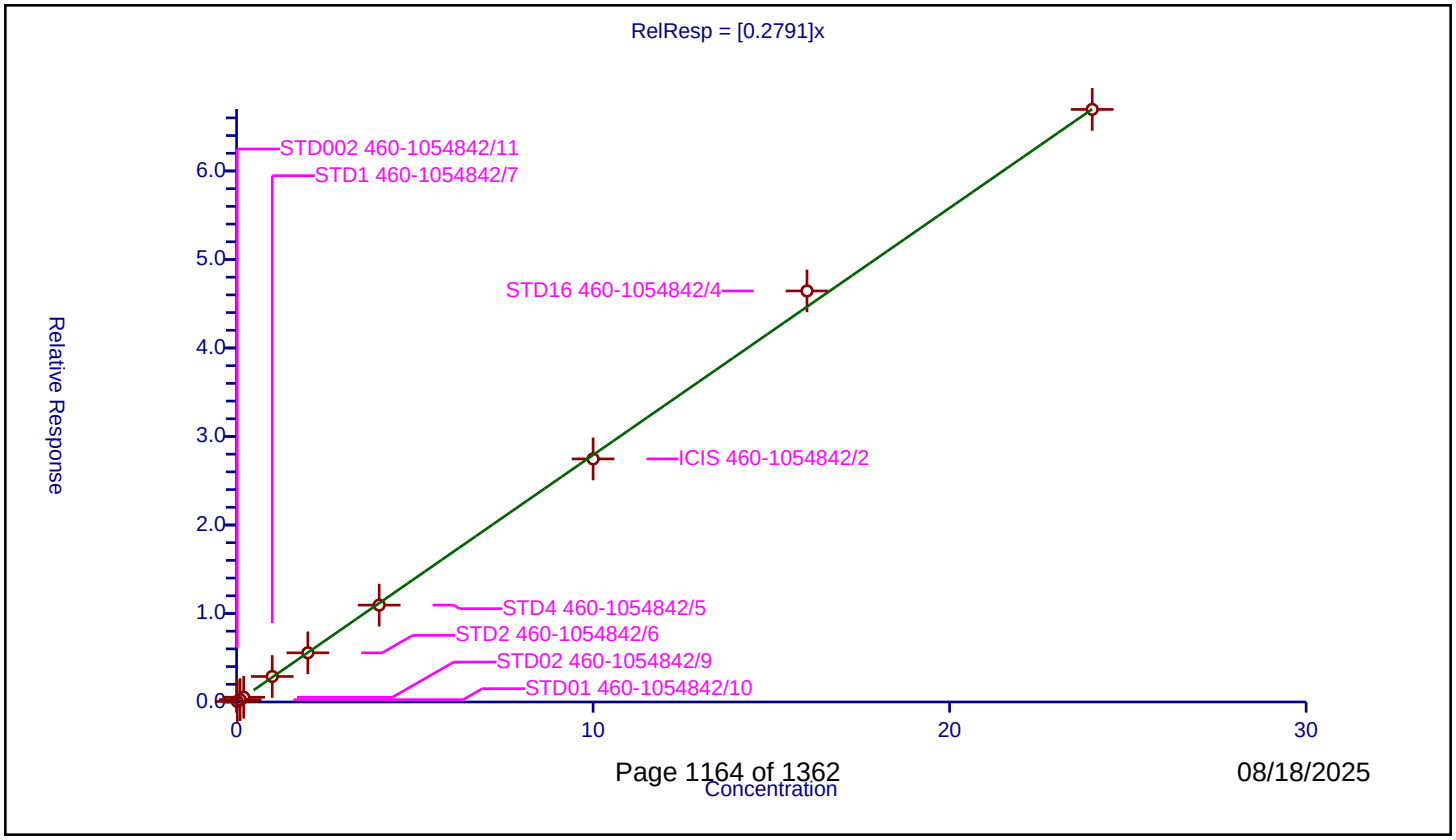
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2791 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.005903 | 8.0 | 1267159.0 | 0.295148 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.026629 | 8.0 | 1304737.0 | 0.266291 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.053366 | 8.0 | 1260886.0 | 0.266828 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.288283 | 8.0 | 1244776.0 | 0.288283 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 0.555601 | 8.0 | 1289790.0 | 0.2778 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 1.094557 | 8.0 | 1219723.0 | 0.273639 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 2.74668 | 8.0 | 1218871.0 | 0.274668 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 4.644603 | 8.0 | 1172890.0 | 0.290288 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 6.695623 | 8.0 | 1127950.0 | 0.278984 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

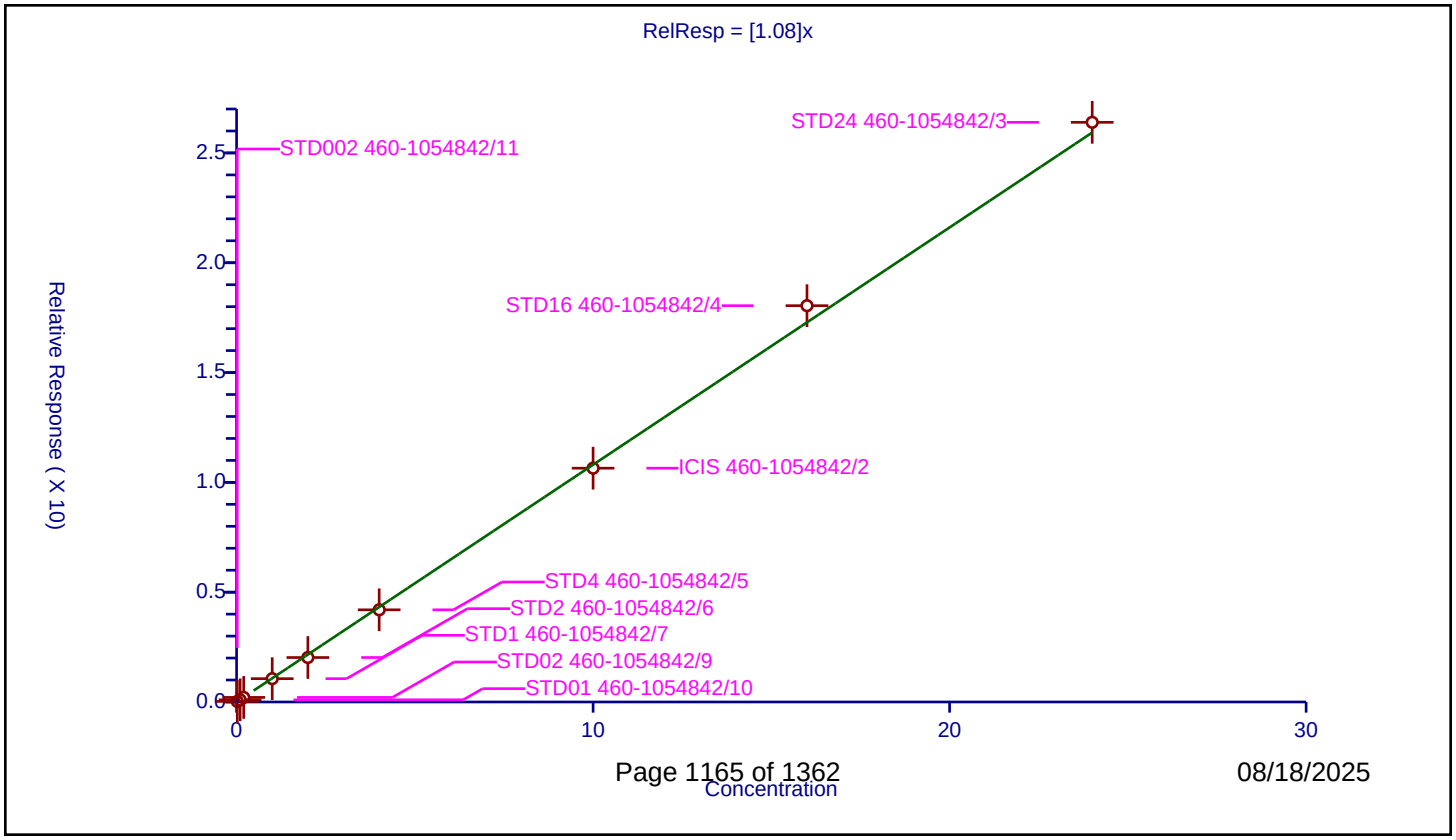
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.08 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.025626 | 8.0 | 1267159.0 | 1.281291 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.098742 | 8.0 | 1304737.0 | 0.987417 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.207841 | 8.0 | 1260886.0 | 1.039206 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 1.061325 | 8.0 | 1244776.0 | 1.061325 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.02513 | 8.0 | 1289790.0 | 1.012565 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 4.197169 | 8.0 | 1219723.0 | 1.049292 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 10.645635 | 8.0 | 1218871.0 | 1.064564 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 18.044754 | 8.0 | 1172890.0 | 1.127797 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 26.39378 | 8.0 | 1127950.0 | 1.099741 | Y |



## Calibration / 4-Chloroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

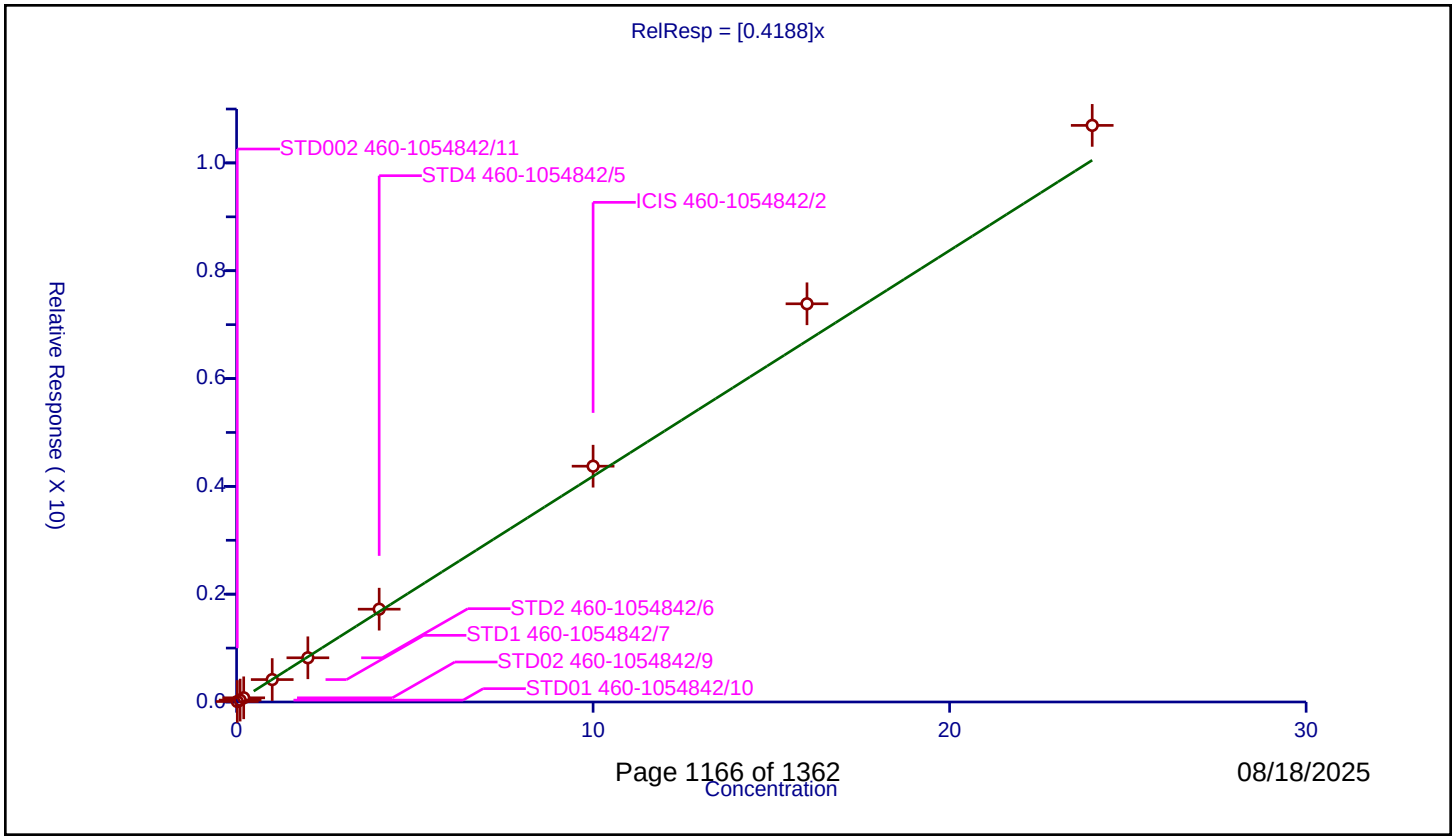
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4188 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.008624 | 8.0 | 1267159.0 | 0.431201 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.034864 | 8.0 | 1304737.0 | 0.348637 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.077584 | 8.0 | 1260886.0 | 0.387918 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.415837 | 8.0 | 1244776.0 | 0.415837 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 0.820127 | 8.0 | 1289790.0 | 0.410064 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 1.721788 | 8.0 | 1219723.0 | 0.430447 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 4.374232 | 8.0 | 1218871.0 | 0.437423 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 7.386602 | 8.0 | 1172890.0 | 0.461663 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 10.696375 | 8.0 | 1127950.0 | 0.445682 | Y |



## Calibration / 2,6-Dichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

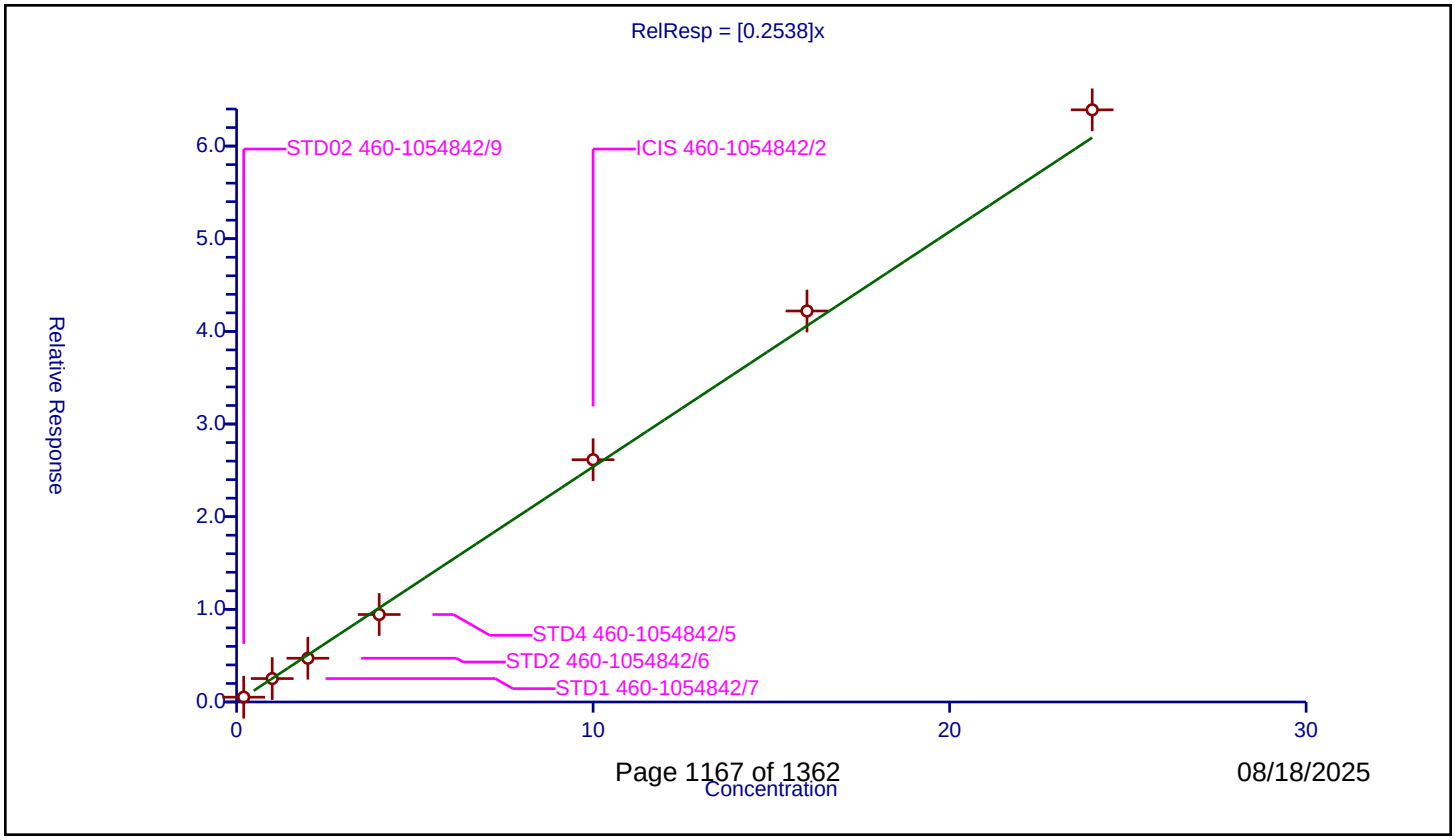
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2538 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.052033 | 8.0 | 1260886.0 | 0.260166 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.252717 | 8.0 | 1244776.0 | 0.252717 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.472151 | 8.0 | 1289790.0 | 0.236076 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 0.944188 | 8.0 | 1219723.0 | 0.236047 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 2.614807 | 8.0 | 1218871.0 | 0.261481 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 4.220058 | 8.0 | 1172890.0 | 0.263754 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 6.391276 | 8.0 | 1127950.0 | 0.266303 | Y |



## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

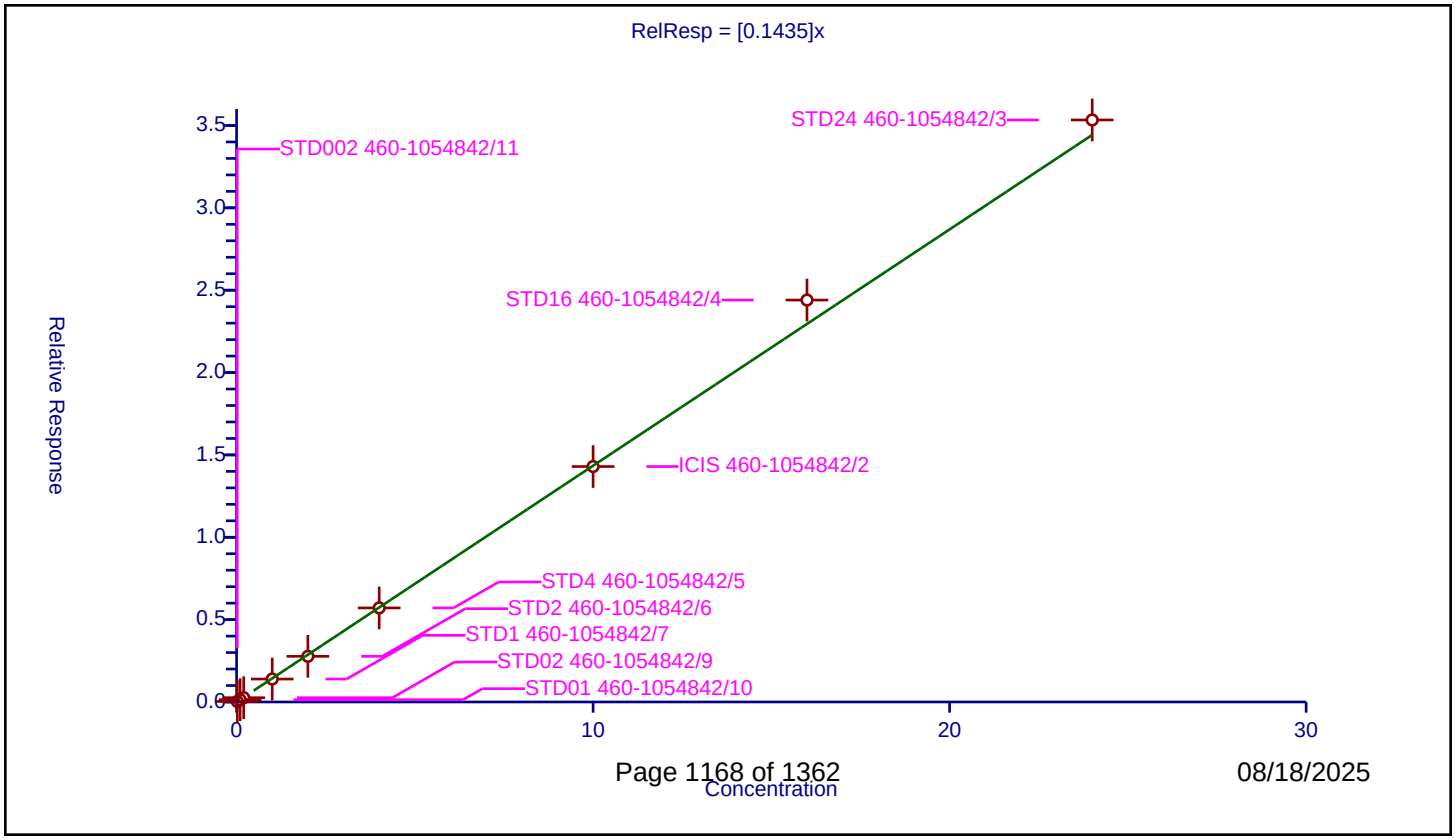
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.003157 | 8.0 | 1267159.0 | 0.157833 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.013955 | 8.0 | 1304737.0 | 0.139553 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.026058 | 8.0 | 1260886.0 | 0.130289 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.139302 | 8.0 | 1244776.0 | 0.139302 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 0.277242 | 8.0 | 1289790.0 | 0.138621 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 0.5711 | 8.0 | 1219723.0 | 0.142775 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 1.429428 | 8.0 | 1218871.0 | 0.142943 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 2.440147 | 8.0 | 1172890.0 | 0.152509 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 3.533419 | 8.0 | 1127950.0 | 0.147226 | Y |



## Calibration / Caprolactam

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

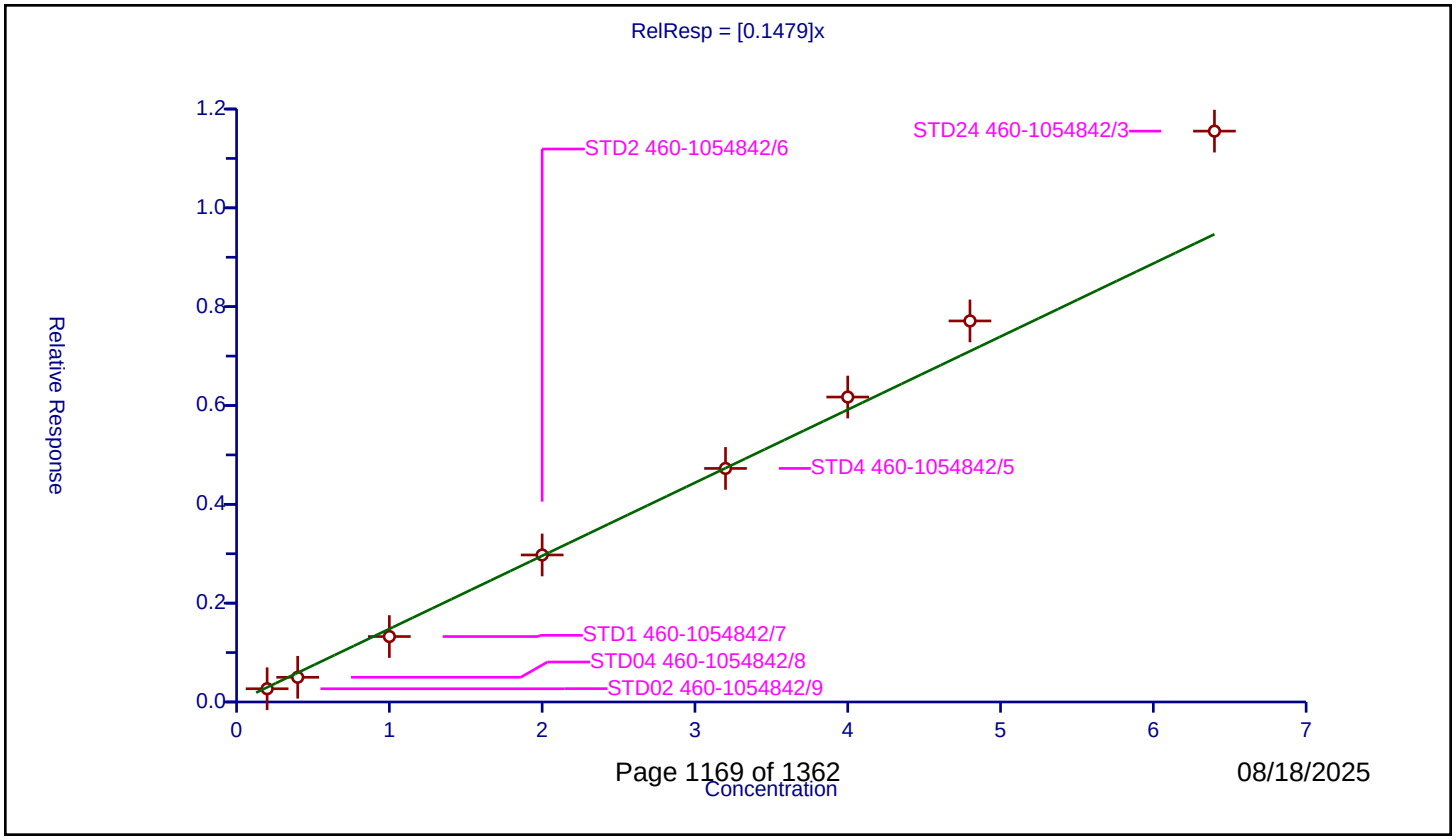
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1479 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.026775 | 8.0 | 1260886.0 | 0.133874 | Y |
| 2 | STD04 460-1054842/8 | 0.4 | 0.049975 | 8.0 | 1260143.0 | 0.124938 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.132477 | 8.0 | 1244776.0 | 0.132477 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 0.297524 | 8.0 | 1289790.0 | 0.148762 | Y |
| 5 | STD4 460-1054842/5 | 3.2 | 0.472632 | 8.0 | 1219723.0 | 0.147697 | Y |
| 6 | ICIS 460-1054842/2 | 4.0 | 0.617115 | 8.0 | 1218871.0 | 0.154279 | Y |
| 7 | STD16 460-1054842/4 | 4.8 | 0.771121 | 8.0 | 1172890.0 | 0.16065 | Y |
| 8 | STD24 460-1054842/3 | 6.4 | 1.155278 | 8.0 | 1127950.0 | 0.180512 | Y |



## Calibration / 4-Chloro-3-methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

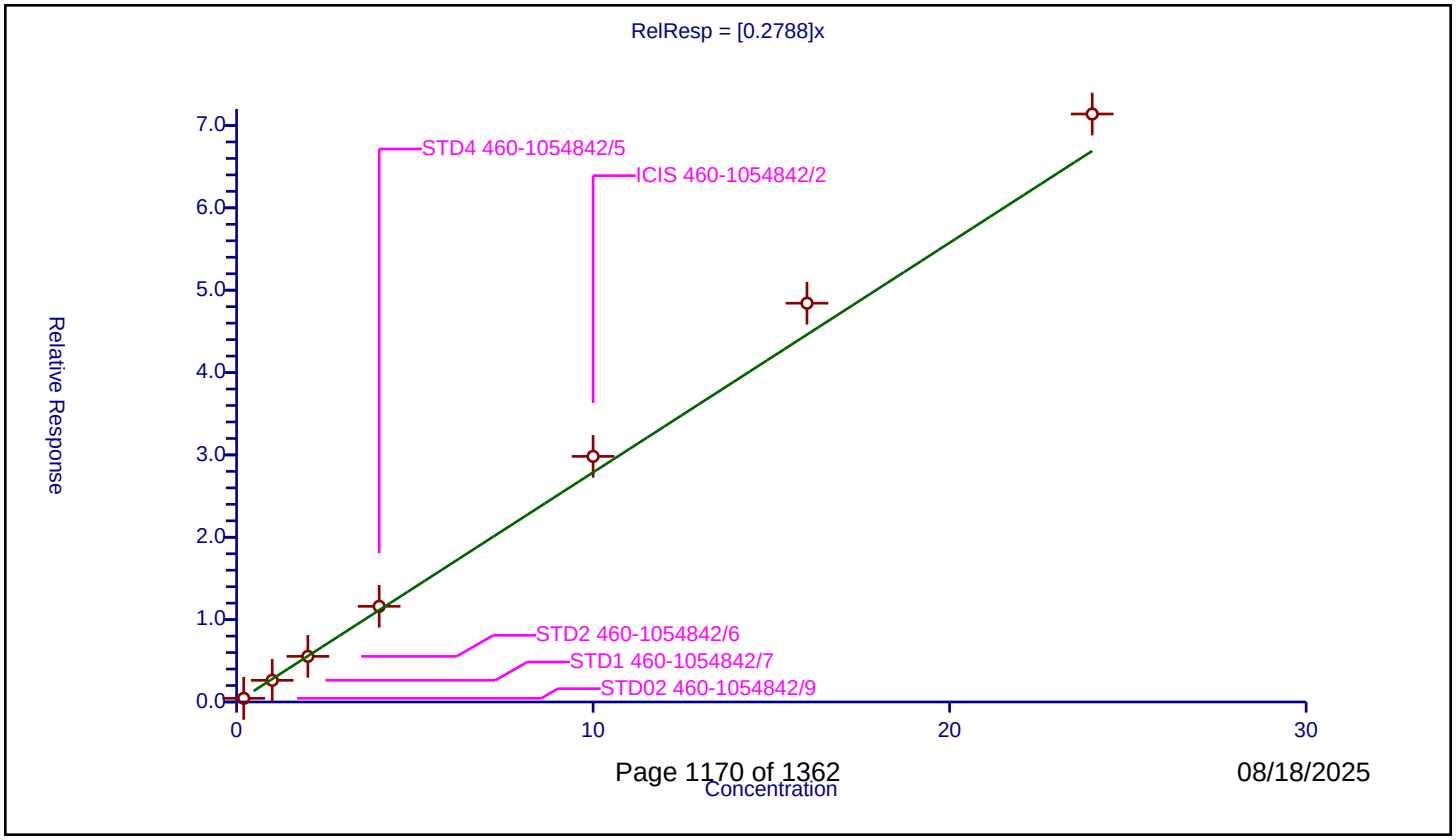
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2788 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.044553 | 8.0 | 1260886.0 | 0.222764 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.263122 | 8.0 | 1244776.0 | 0.263122 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.553932 | 8.0 | 1289790.0 | 0.276966 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.161549 | 8.0 | 1219723.0 | 0.290387 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 2.982163 | 8.0 | 1218871.0 | 0.298216 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 4.842302 | 8.0 | 1172890.0 | 0.302644 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 7.139309 | 8.0 | 1127950.0 | 0.297471 | Y |



## Calibration / 2-Methylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

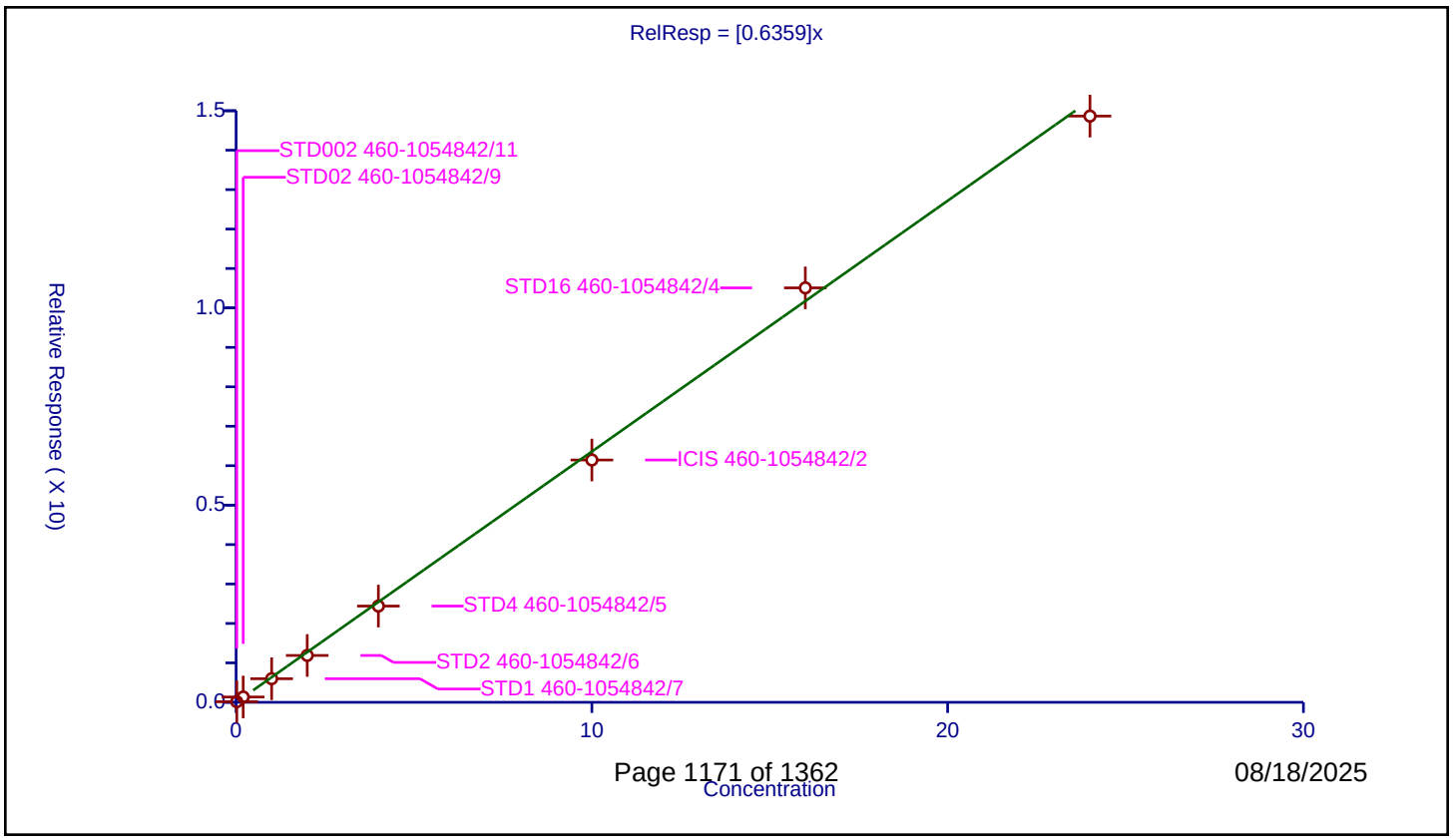
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6359 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.014464 | 8.0 | 1267159.0 | 0.723193 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.134274 | 8.0 | 1260886.0 | 0.671369 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.597775 | 8.0 | 1244776.0 | 0.597775 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 1.188051 | 8.0 | 1289790.0 | 0.594025 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 2.439951 | 8.0 | 1219723.0 | 0.609988 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 6.144434 | 8.0 | 1218871.0 | 0.614443 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 10.508682 | 8.0 | 1172890.0 | 0.656793 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 14.864198 | 8.0 | 1127950.0 | 0.619342 | Y |



## Calibration / 1-Methylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

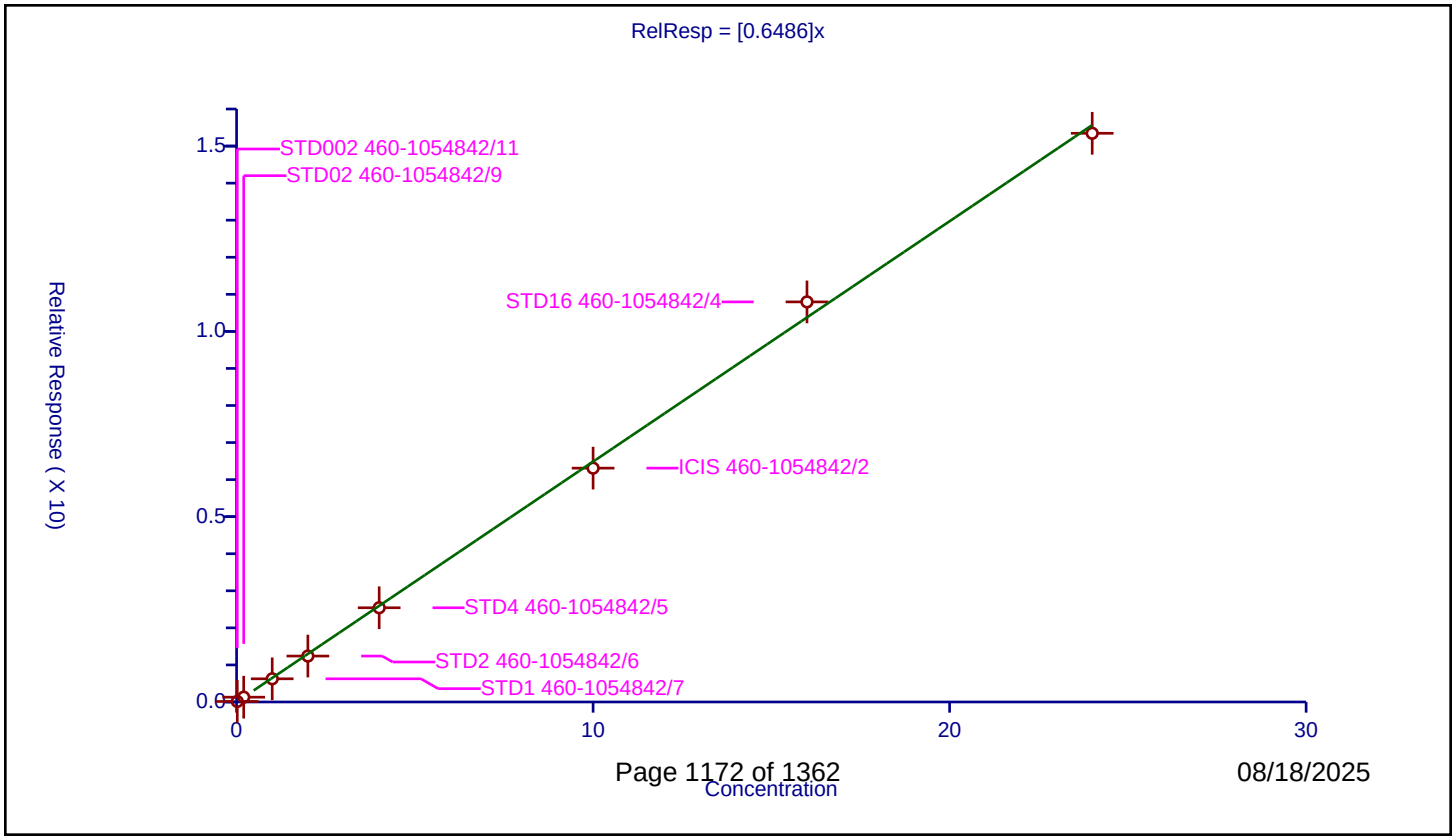
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6486 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.014249 | 8.0 | 1267159.0 | 0.71246 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.130004 | 8.0 | 1260886.0 | 0.650019 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.625488 | 8.0 | 1244776.0 | 0.625488 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 1.23965 | 8.0 | 1289790.0 | 0.619825 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 2.542544 | 8.0 | 1219723.0 | 0.635636 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 6.310325 | 8.0 | 1218871.0 | 0.631032 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 10.795829 | 8.0 | 1172890.0 | 0.674739 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 15.34556 | 8.0 | 1127950.0 | 0.639398 | Y |



## Calibration / Hexachlorocyclopentadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

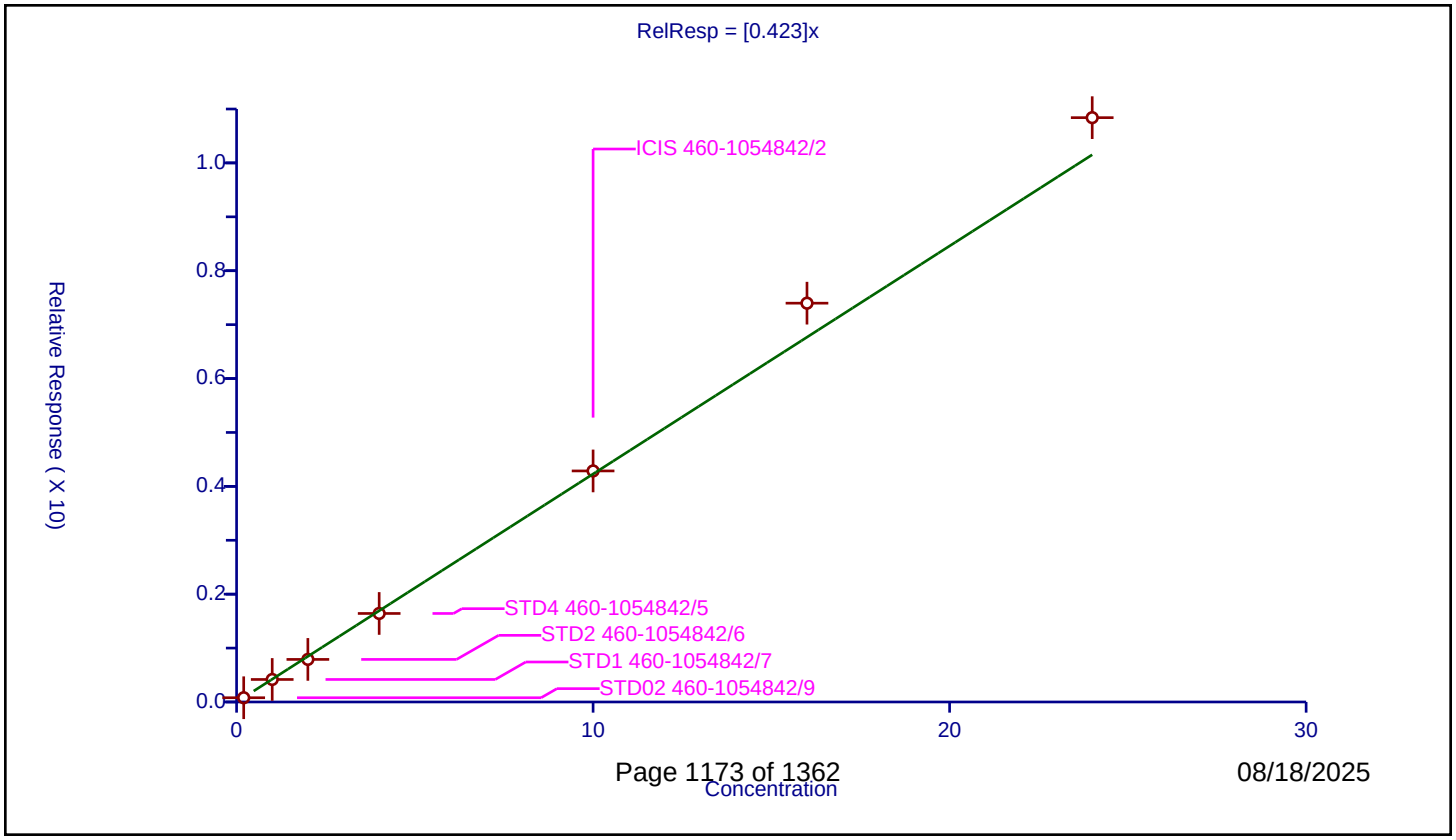
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.423 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.078997 | 8.0 | 627365.0 | 0.394985 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.417769 | 8.0 | 612089.0 | 0.417769 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.789698 | 8.0 | 624107.0 | 0.394849 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.642324 | 8.0 | 600656.0 | 0.410581 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 4.28598 | 8.0 | 583103.0 | 0.428598 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 7.398123 | 8.0 | 546756.0 | 0.462383 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 10.839664 | 8.0 | 519577.0 | 0.451653 | Y |



## Calibration / 1,2,4,5-Tetrachlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

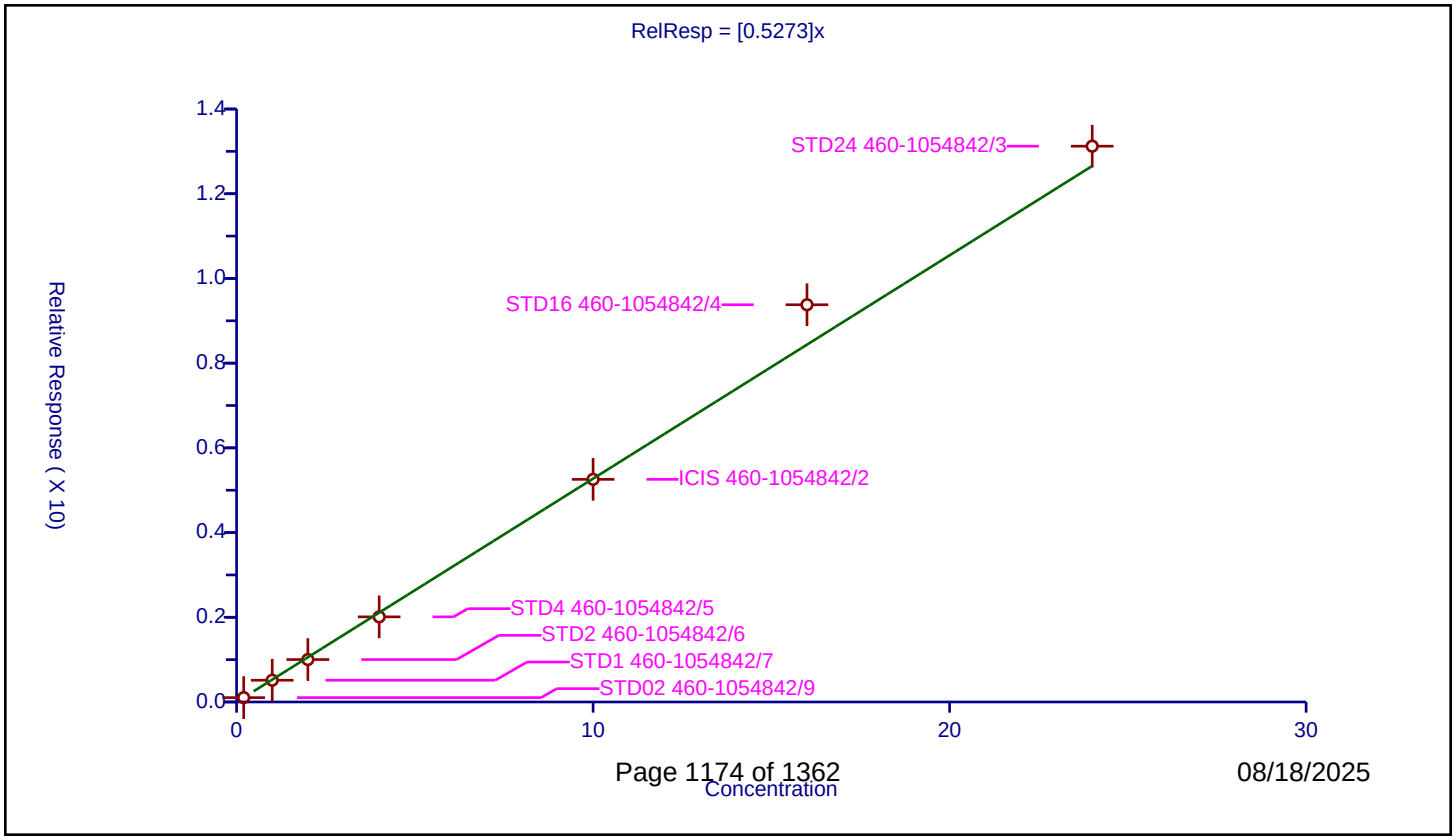
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5273 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.103098 | 8.0 | 627365.0 | 0.515489 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.513638 | 8.0 | 612089.0 | 0.513638 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.001687 | 8.0 | 624107.0 | 0.500844 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 2.010109 | 8.0 | 600656.0 | 0.502527 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 5.256005 | 8.0 | 583103.0 | 0.5256 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 9.378867 | 8.0 | 546756.0 | 0.586179 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 13.122567 | 8.0 | 519577.0 | 0.546774 | Y |



## Calibration / 2-tertbutyl-4-methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

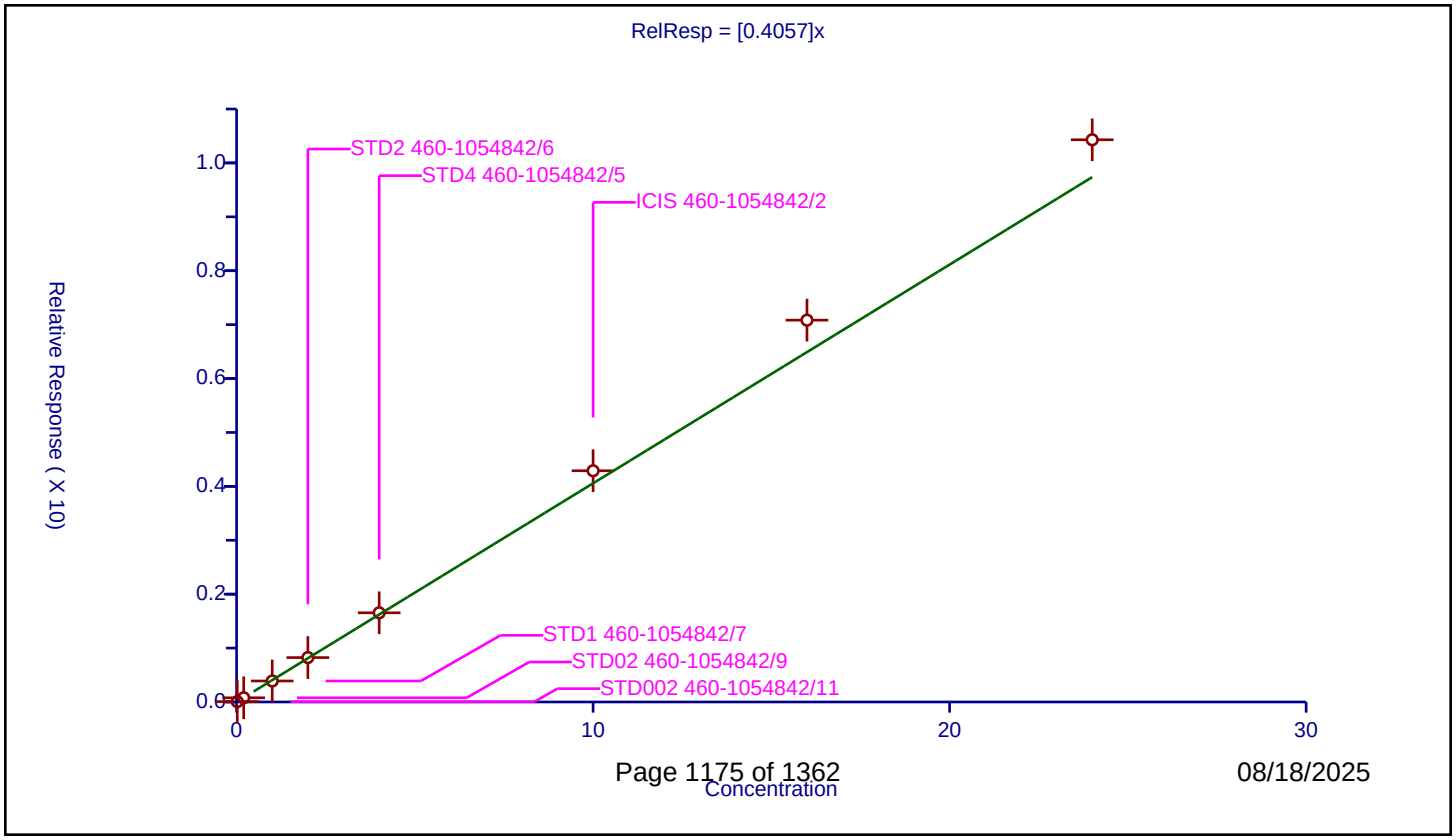
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4057 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.006698 | 8.0 | 1267159.0 | 0.334922 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.07778 | 8.0 | 1260886.0 | 0.388901 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.389776 | 8.0 | 1244776.0 | 0.389776 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 0.824066 | 8.0 | 1289790.0 | 0.412033 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 1.654264 | 8.0 | 1219723.0 | 0.413566 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 4.289386 | 8.0 | 1218871.0 | 0.428939 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 7.083072 | 8.0 | 1172890.0 | 0.442692 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 10.42976 | 8.0 | 1127950.0 | 0.434573 | Y |



## Calibration / 2,4,6-Trichlorophenol

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

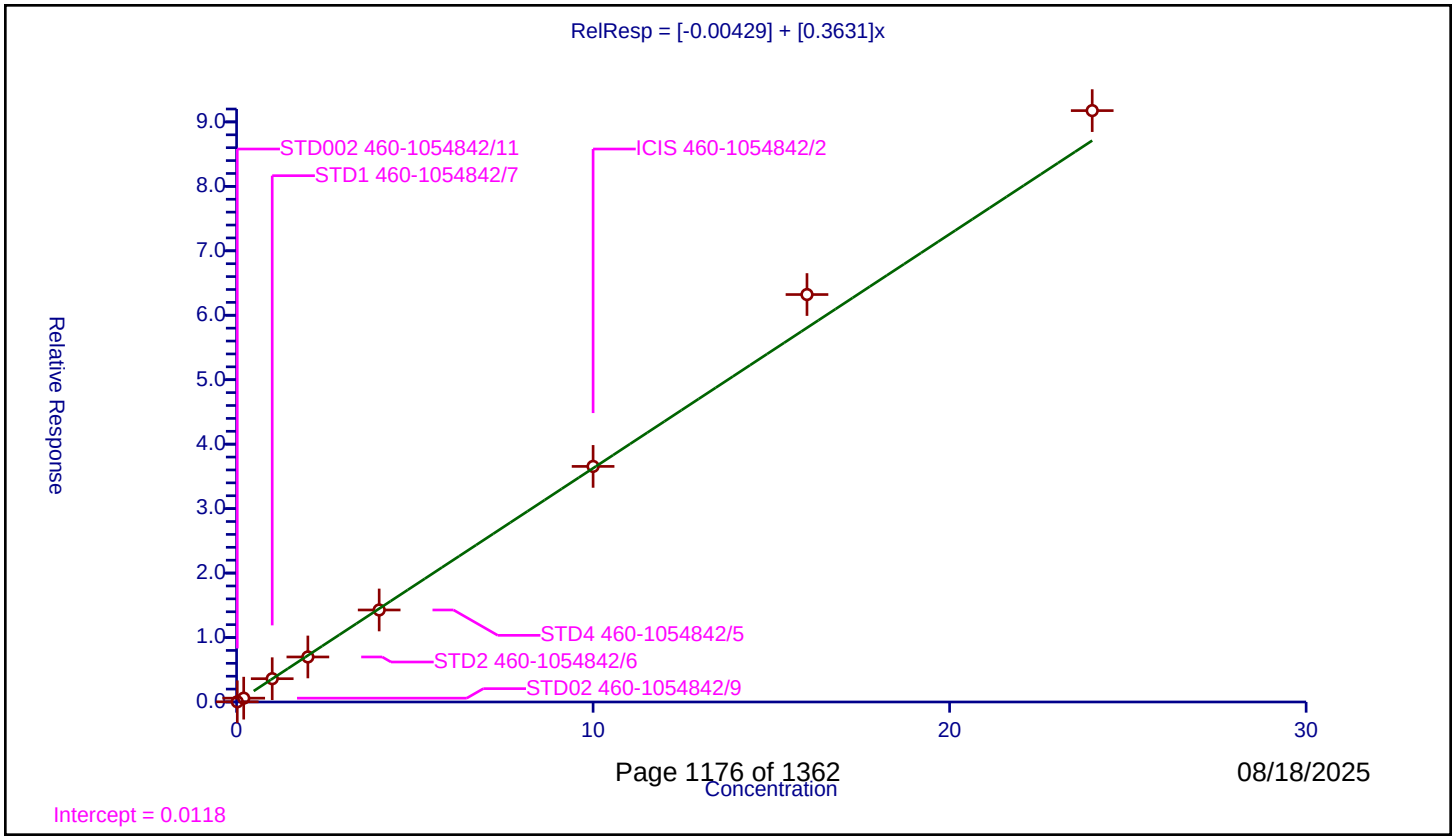
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.00429 |
| **Slope:** | 0.3631 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.003062 | 8.0 | 629563.0 | 0.153122 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.05941 | 8.0 | 627365.0 | 0.297052 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.36132 | 8.0 | 612089.0 | 0.36132 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 0.698649 | 8.0 | 624107.0 | 0.349325 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 1.427759 | 8.0 | 600656.0 | 0.35694 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 3.655231 | 8.0 | 583103.0 | 0.365523 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 6.321679 | 8.0 | 546756.0 | 0.395105 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 9.175125 | 8.0 | 519577.0 | 0.382297 | Y |



## Calibration / 2,4,5-Trichlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

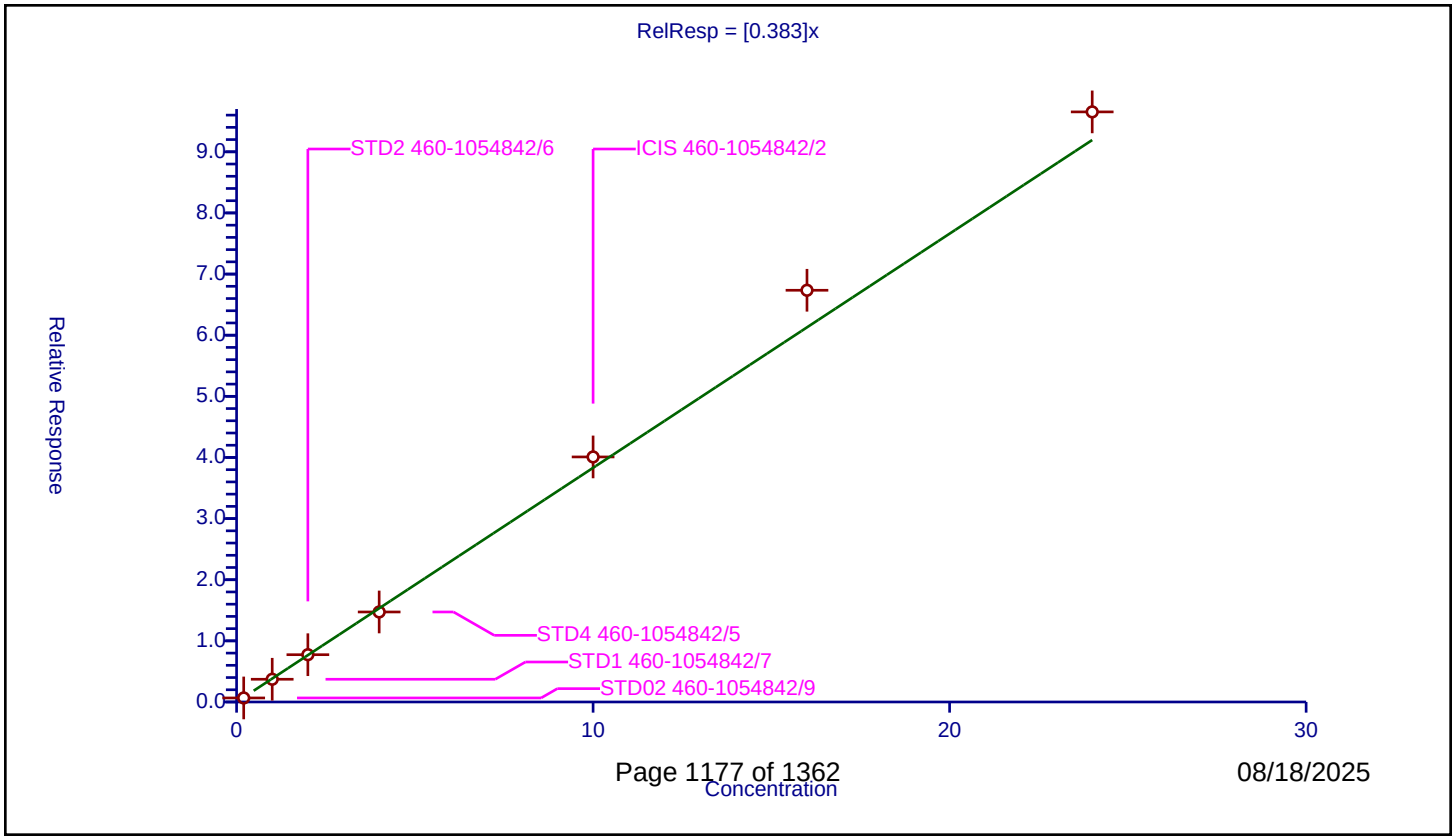
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.383 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.066105 | 8.0 | 627365.0 | 0.330525 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.371737 | 8.0 | 612089.0 | 0.371737 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.773829 | 8.0 | 624107.0 | 0.386914 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.47227 | 8.0 | 600656.0 | 0.368068 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 4.008541 | 8.0 | 583103.0 | 0.400854 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 6.735158 | 8.0 | 546756.0 | 0.420947 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 9.652975 | 8.0 | 519577.0 | 0.402207 | Y |



## Calibration / 2-Fluorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

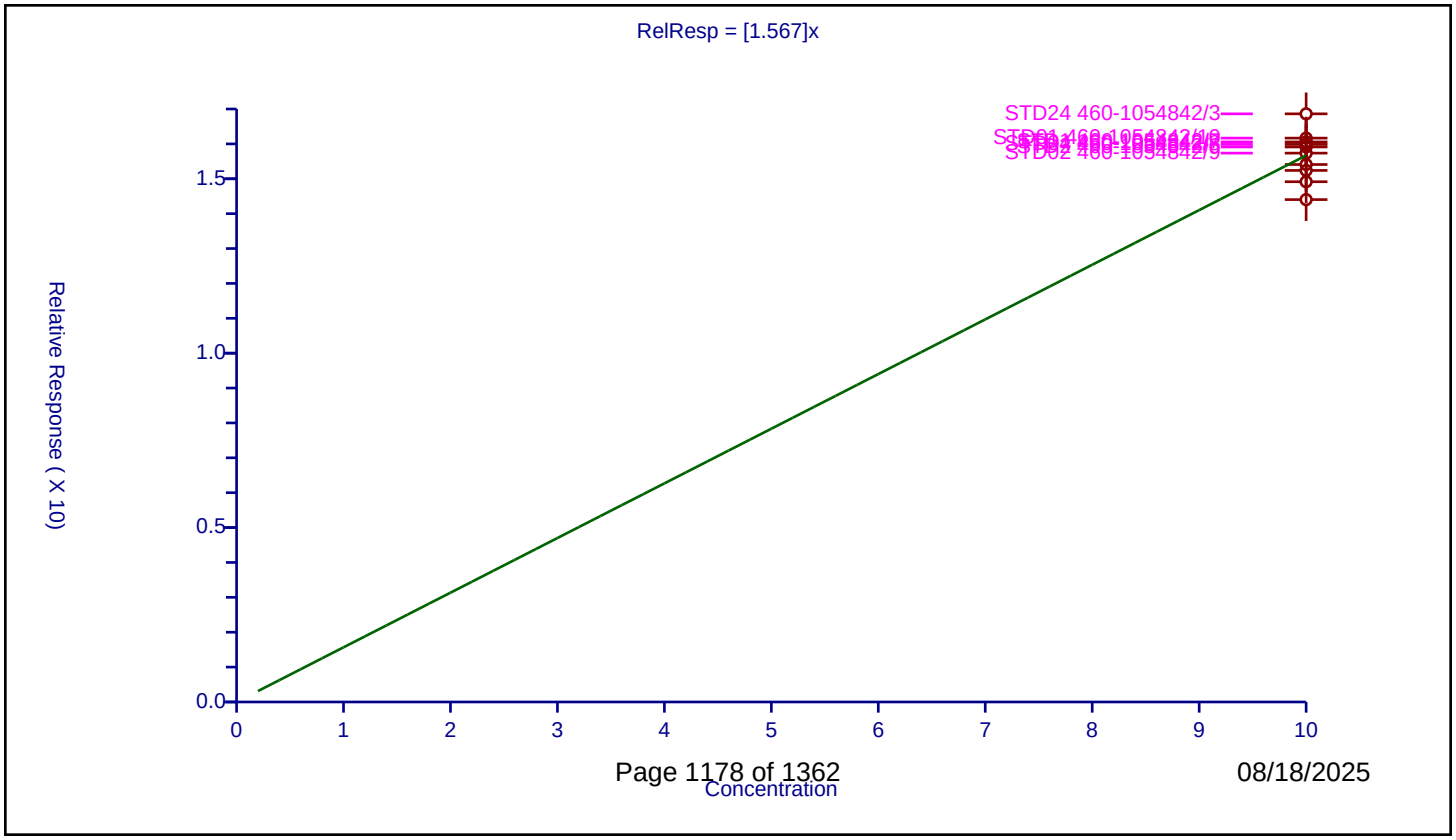
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.567 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1054842/2 | 10.0 | 14.402807 | 8.0 | 583103.0 | 1.440281 | Y |
| 2 | STD24 460-1054842/3 | 10.0 | 16.861763 | 8.0 | 519577.0 | 1.686176 | Y |
| 3 | STD16 460-1054842/4 | 10.0 | 14.914909 | 8.0 | 546756.0 | 1.491491 | Y |
| 4 | STD4 460-1054842/5 | 10.0 | 15.409033 | 8.0 | 600656.0 | 1.540903 | Y |
| 5 | STD2 460-1054842/6 | 10.0 | 15.912387 | 8.0 | 624107.0 | 1.591239 | Y |
| 6 | STD1 460-1054842/7 | 10.0 | 16.055456 | 8.0 | 612089.0 | 1.605546 | Y |
| 7 | STD04 460-1054842/8 | 10.0 | 15.98541 | 8.0 | 628375.0 | 1.598541 | Y |
| 8 | STD02 460-1054842/9 | 10.0 | 15.73535 | 8.0 | 627365.0 | 1.573535 | Y |
| 9 | STD01 460-1054842/10 | 10.0 | 16.166262 | 8.0 | 635141.0 | 1.616626 | Y |
| 10 | STD002 460-1054842/11 | 10.0 | 15.239396 | 8.0 | 629563.0 | 1.52394 | Y |



## Calibration / 1,1'-Biphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

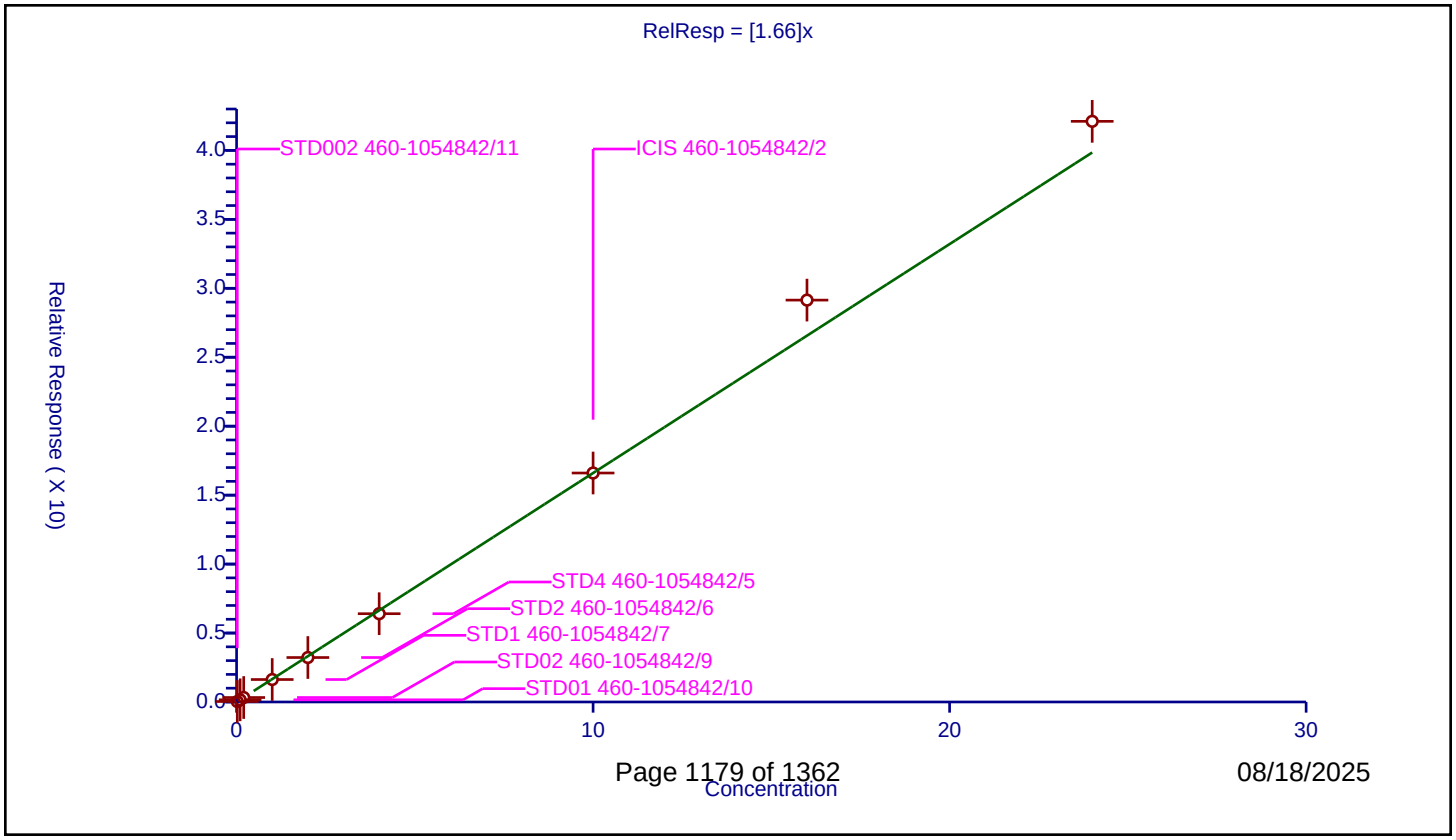
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.66 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.033382 | 8.0 | 629563.0 | 1.669094 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.157294 | 8.0 | 635141.0 | 1.572942 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.324455 | 8.0 | 627365.0 | 1.622277 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 1.629201 | 8.0 | 612089.0 | 1.629201 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 3.224396 | 8.0 | 624107.0 | 1.612198 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 6.401601 | 8.0 | 600656.0 | 1.6004 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 16.60497 | 8.0 | 583103.0 | 1.660497 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 29.143559 | 8.0 | 546756.0 | 1.821472 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 42.106267 | 8.0 | 519577.0 | 1.754428 | Y |



## Calibration / 2-Chloronaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

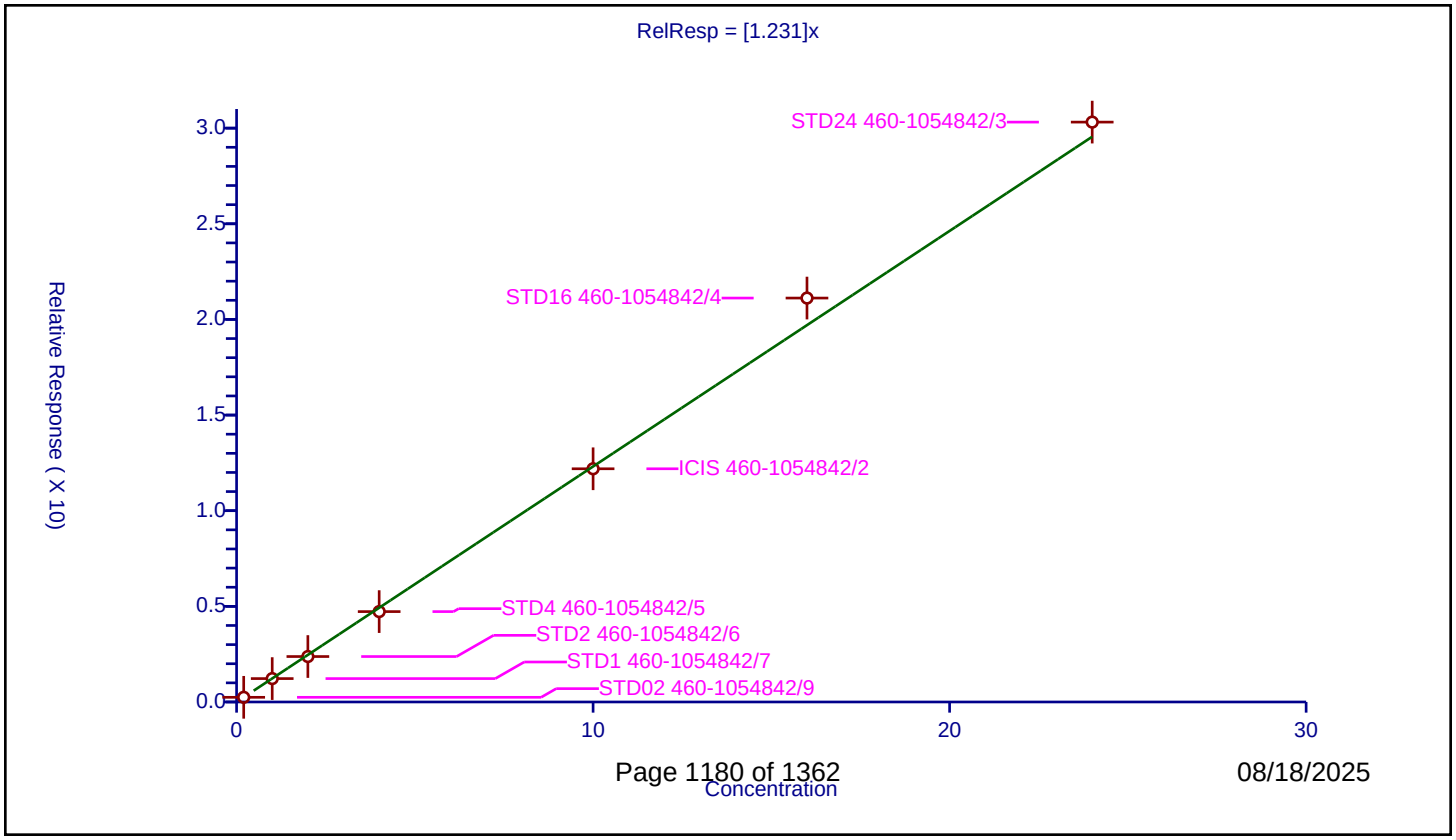
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.231 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.244885 | 8.0 | 627365.0 | 1.224423 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.222881 | 8.0 | 612089.0 | 1.222881 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.376272 | 8.0 | 624107.0 | 1.188136 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 4.725766 | 8.0 | 600656.0 | 1.181442 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 12.191781 | 8.0 | 583103.0 | 1.219178 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 21.117413 | 8.0 | 546756.0 | 1.319838 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 30.315445 | 8.0 | 519577.0 | 1.263144 | Y |



## Calibration / Phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

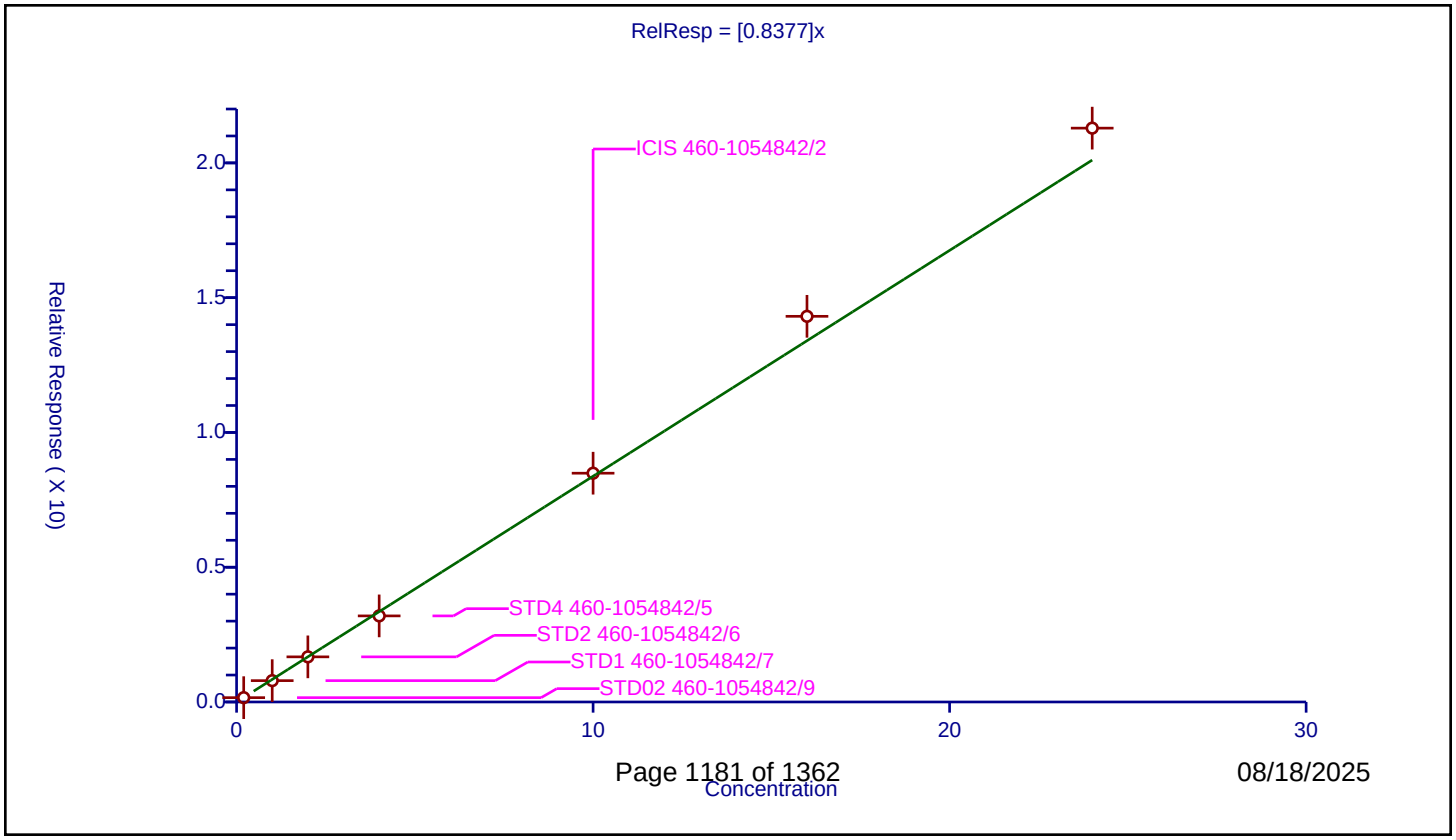
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8377 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.161169 | 8.0 | 627365.0 | 0.805847 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.792002 | 8.0 | 612089.0 | 0.792002 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.674546 | 8.0 | 624107.0 | 0.837273 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 3.194441 | 8.0 | 600656.0 | 0.79861 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 8.488257 | 8.0 | 583103.0 | 0.848826 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 14.308745 | 8.0 | 546756.0 | 0.894297 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 21.290719 | 8.0 | 519577.0 | 0.887113 | Y |



## Calibration / 2-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

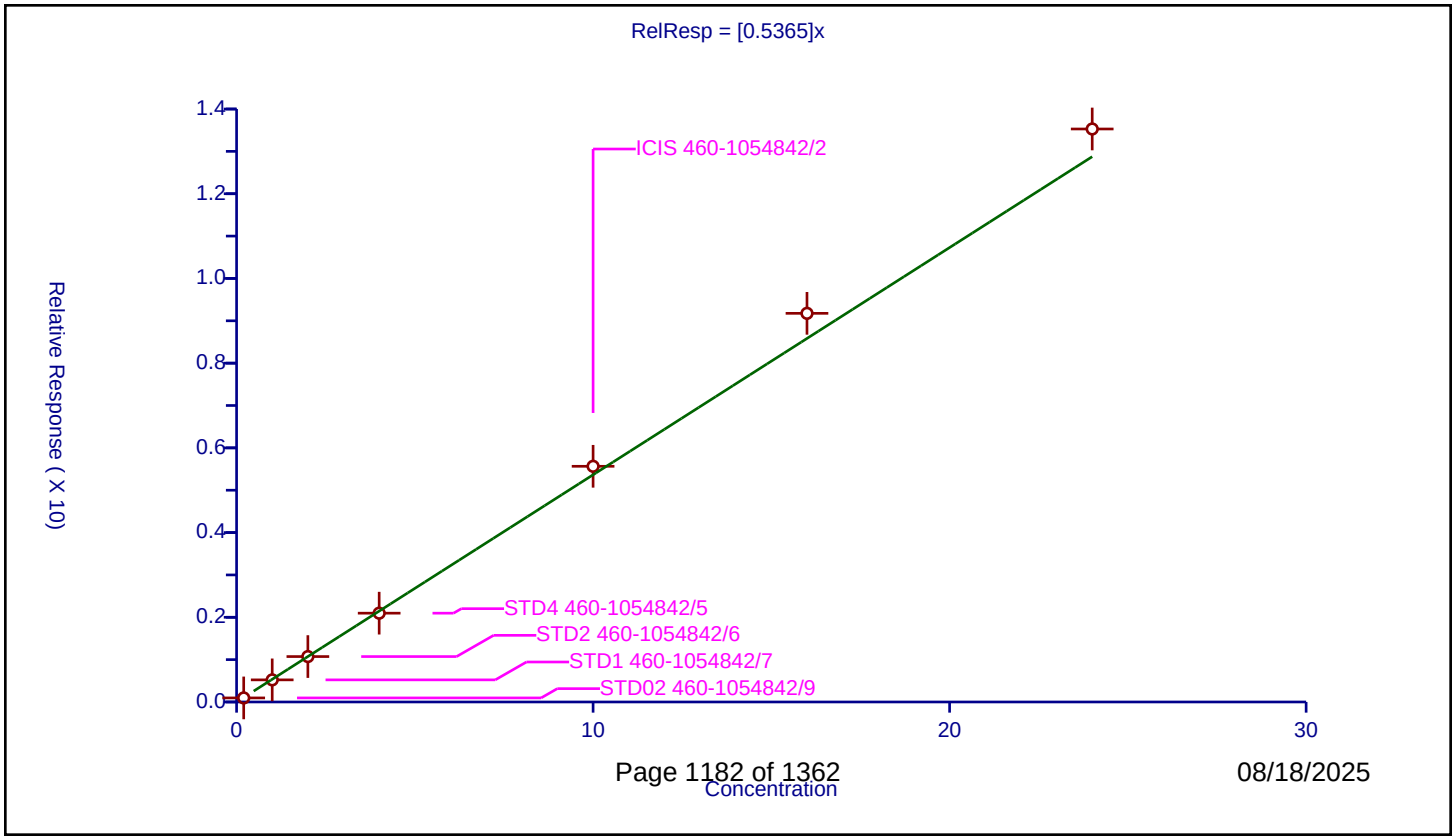
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5365 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.095791 | 8.0 | 627365.0 | 0.478956 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.522199 | 8.0 | 612089.0 | 0.522199 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.072226 | 8.0 | 624107.0 | 0.536113 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 2.097107 | 8.0 | 600656.0 | 0.524277 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 5.564561 | 8.0 | 583103.0 | 0.556456 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 9.175998 | 8.0 | 546756.0 | 0.5735 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 13.52862 | 8.0 | 519577.0 | 0.563693 | Y |



## Calibration / 1,3-Dimethylnaphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

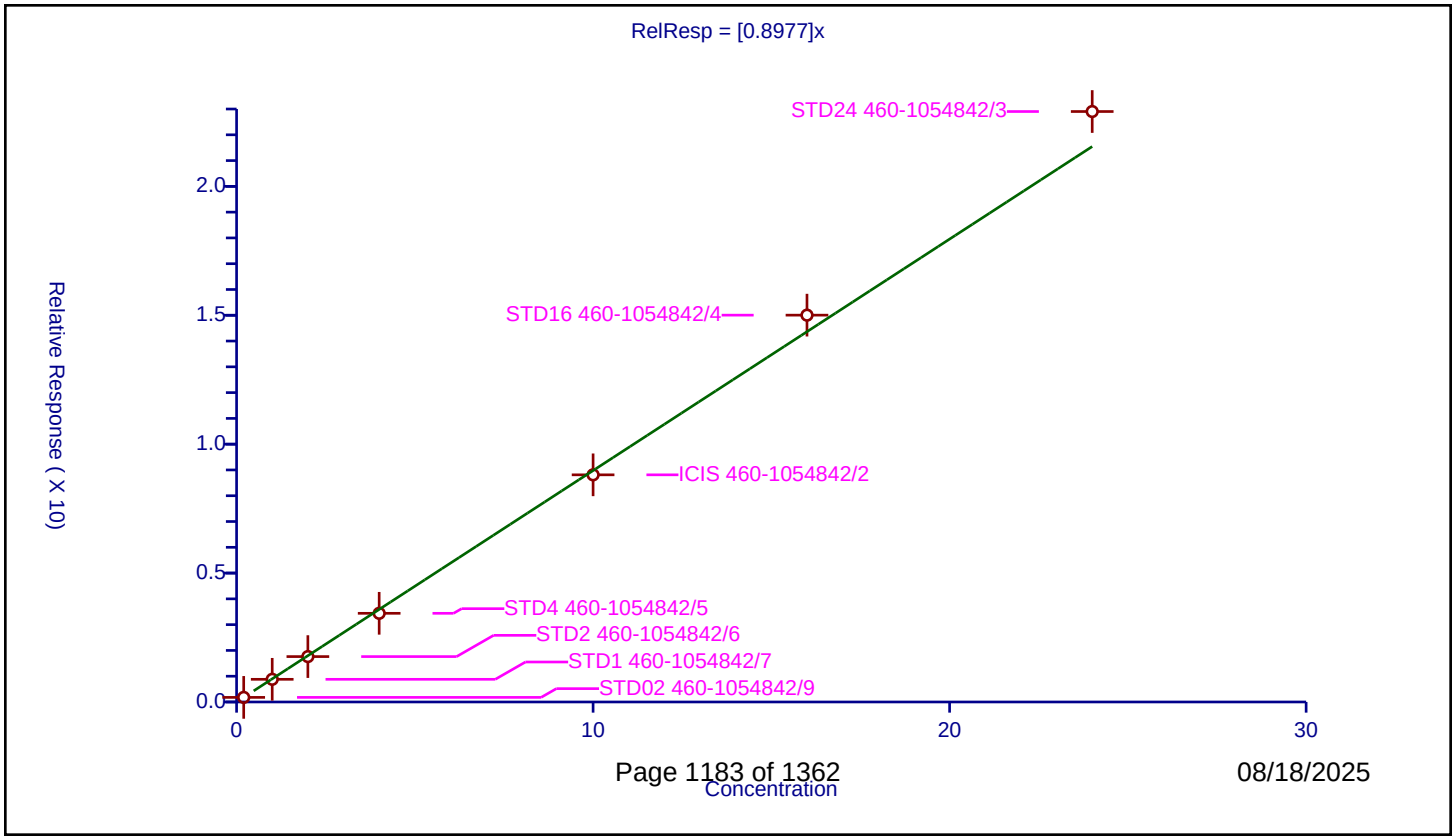
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8977 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.178027 | 8.0 | 627365.0 | 0.890136 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.880199 | 8.0 | 612089.0 | 0.880199 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.761377 | 8.0 | 624107.0 | 0.880689 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 3.439346 | 8.0 | 600656.0 | 0.859837 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 8.810642 | 8.0 | 583103.0 | 0.881064 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 15.004368 | 8.0 | 546756.0 | 0.937773 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 22.9026 | 8.0 | 519577.0 | 0.954275 | Y |



## Calibration / Dimethyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

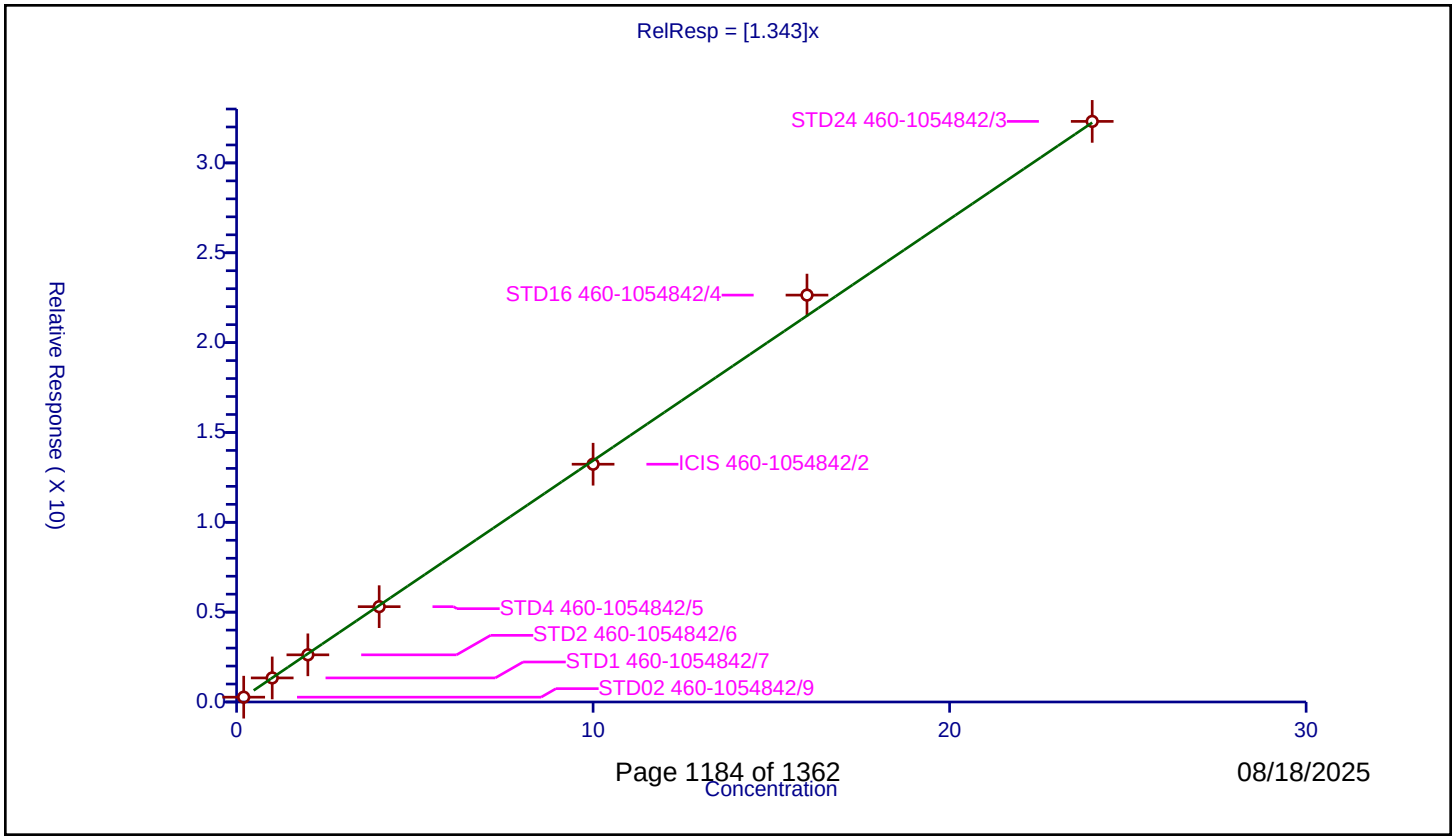
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.343 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.26831 | 8.0 | 627365.0 | 1.341548 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.338851 | 8.0 | 612089.0 | 1.338851 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.625242 | 8.0 | 624107.0 | 1.312621 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 5.30524 | 8.0 | 600656.0 | 1.32631 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 13.232859 | 8.0 | 583103.0 | 1.323286 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 22.644543 | 8.0 | 546756.0 | 1.415284 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 32.311161 | 8.0 | 519577.0 | 1.346298 | Y |



## Calibration / Coumarin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

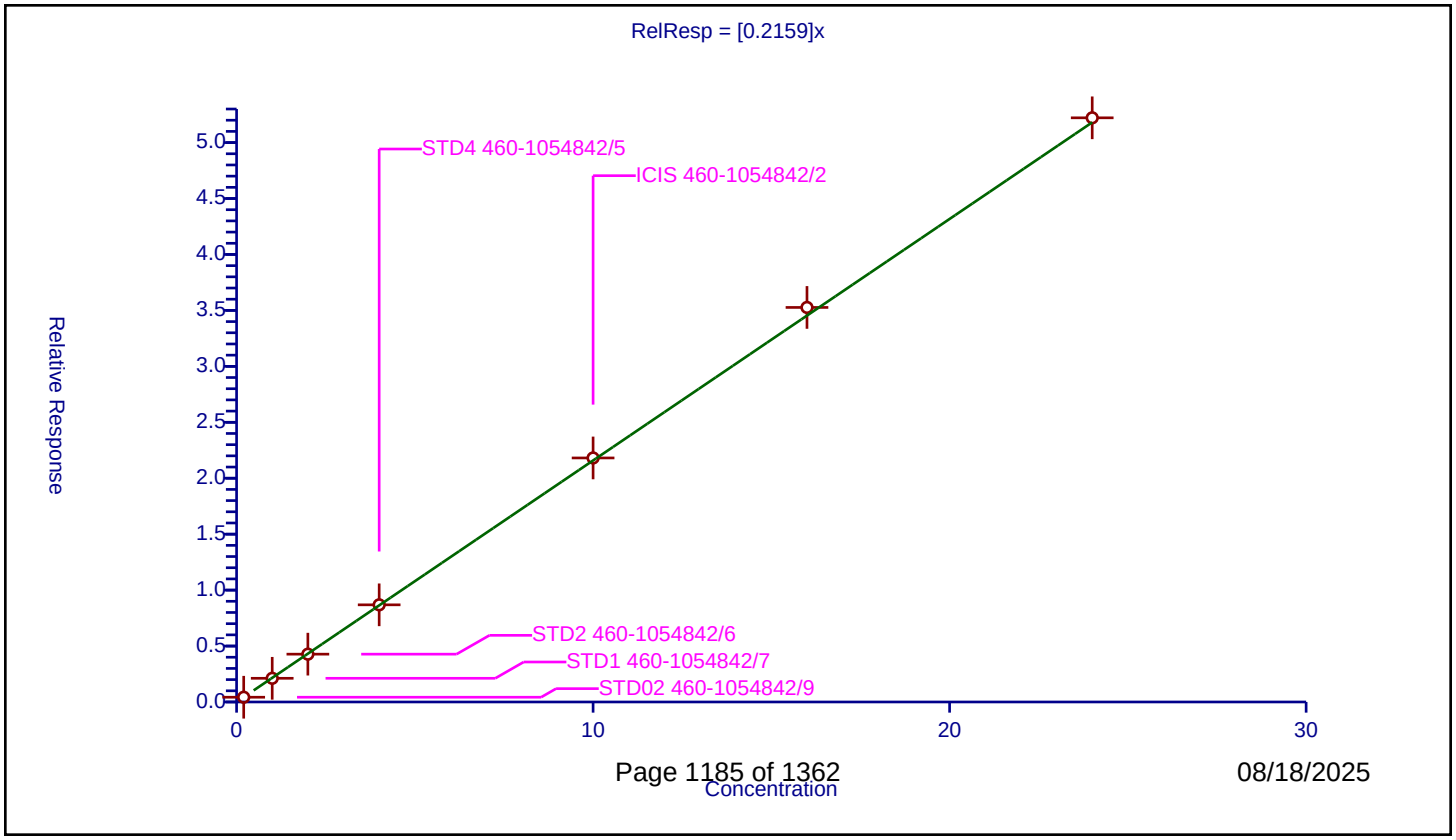
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2159 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.042472 | 8.0 | 1260886.0 | 0.212359 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.211849 | 8.0 | 1244776.0 | 0.211849 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.427356 | 8.0 | 1289790.0 | 0.213678 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 0.868381 | 8.0 | 1219723.0 | 0.217095 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 2.181199 | 8.0 | 1218871.0 | 0.21812 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 3.526373 | 8.0 | 1172890.0 | 0.220398 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 5.221281 | 8.0 | 1127950.0 | 0.217553 | Y |



## Calibration / 2,6-Dinitrotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

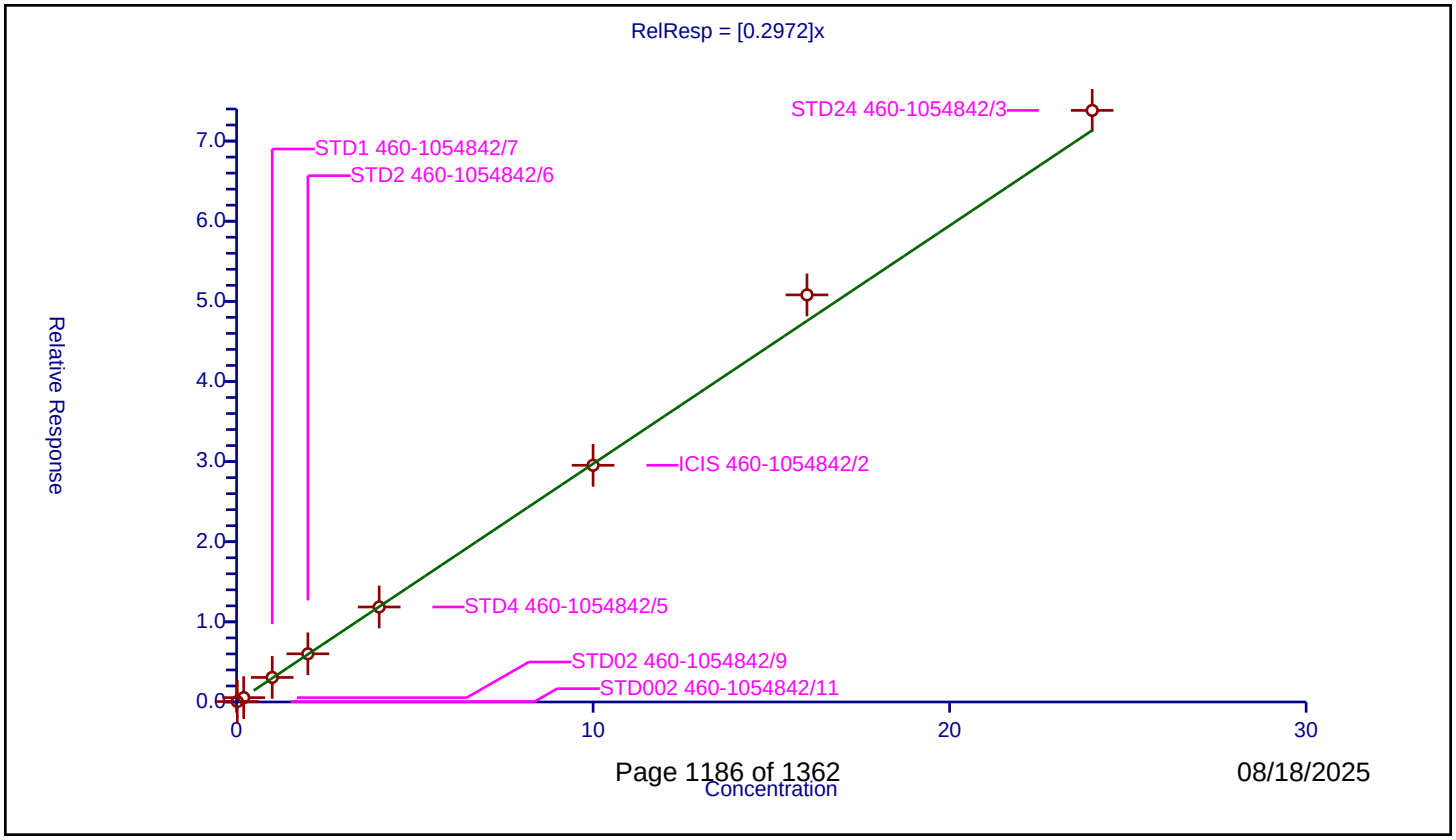
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2972 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.005655 | 8.0 | 629563.0 | 0.282736 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.054284 | 8.0 | 627365.0 | 0.271421 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.306269 | 8.0 | 612089.0 | 0.306269 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 0.601141 | 8.0 | 624107.0 | 0.30057 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 1.185704 | 8.0 | 600656.0 | 0.296426 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 2.953907 | 8.0 | 583103.0 | 0.295391 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 5.080072 | 8.0 | 546756.0 | 0.317505 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 7.382575 | 8.0 | 519577.0 | 0.307607 | Y |



## Calibration / Acenaphthylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

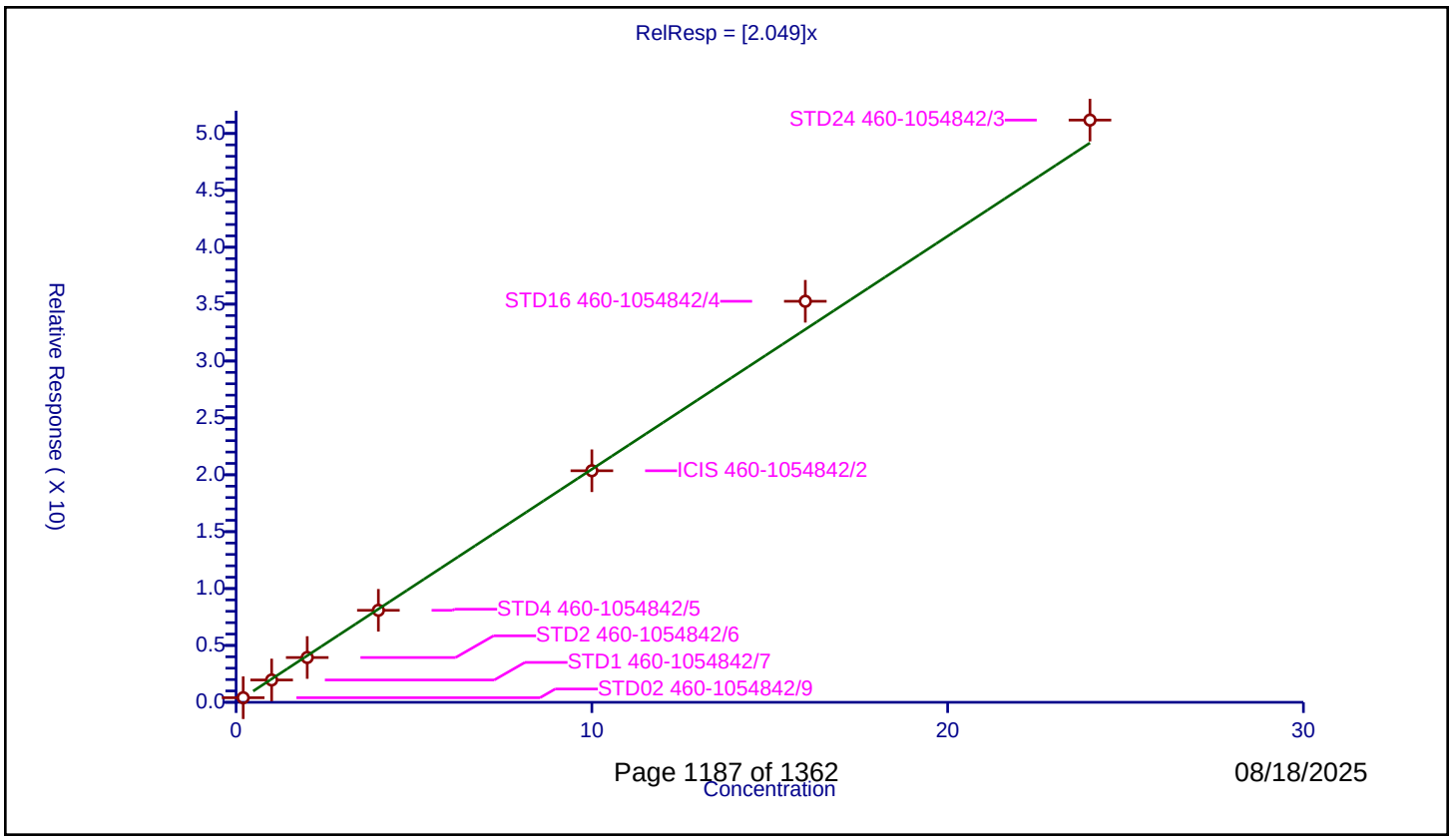
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.049 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.403542 | 8.0 | 627365.0 | 2.017709 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.96293 | 8.0 | 612089.0 | 1.96293 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 3.937222 | 8.0 | 624107.0 | 1.968611 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 8.086719 | 8.0 | 600656.0 | 2.02168 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 20.355896 | 8.0 | 583103.0 | 2.03559 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 35.252347 | 8.0 | 546756.0 | 2.203272 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 51.179556 | 8.0 | 519577.0 | 2.132481 | Y |



## Calibration / 3-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

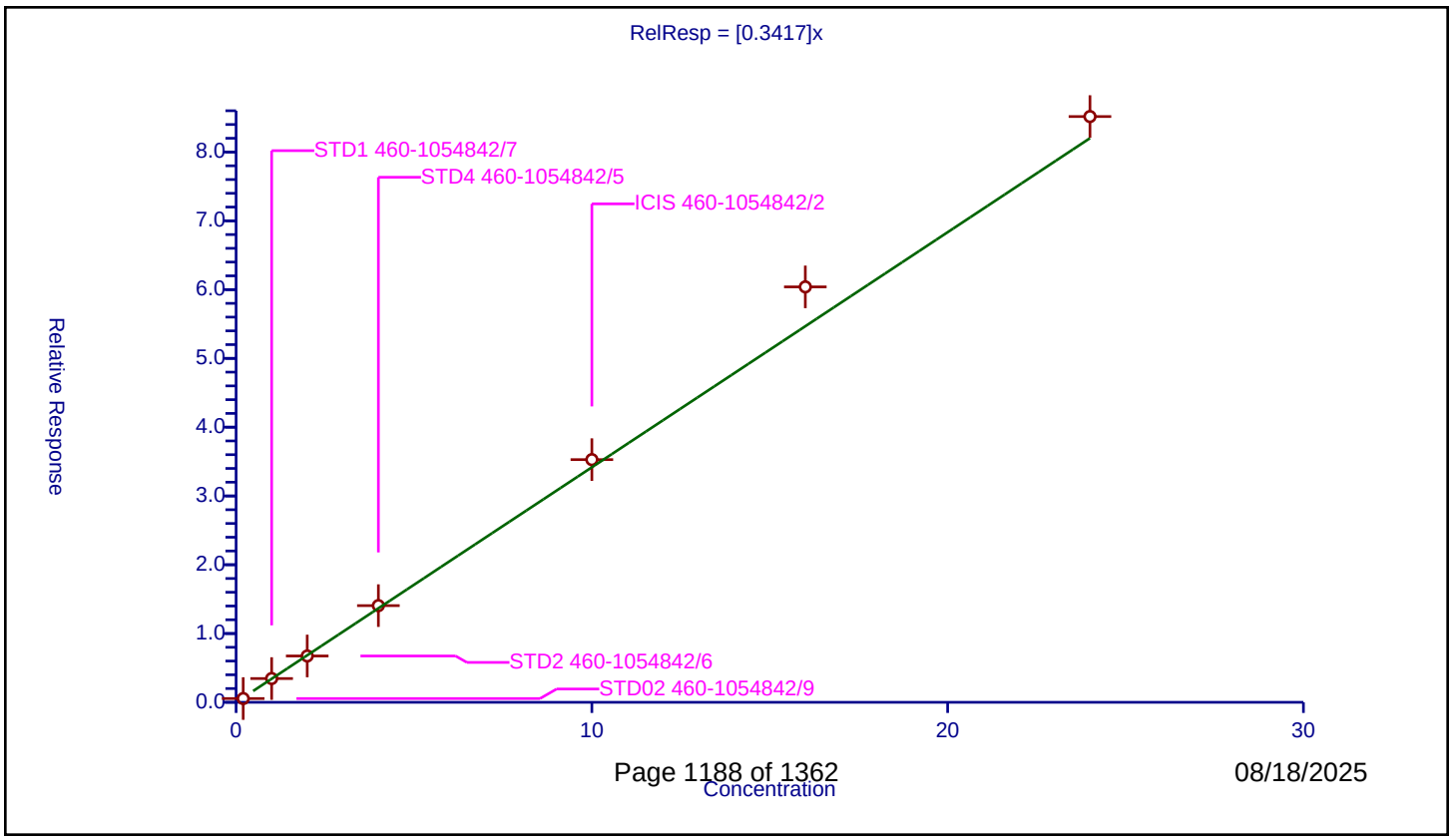
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3417 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.054603 | 8.0 | 627365.0 | 0.273015 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.345597 | 8.0 | 612089.0 | 0.345597 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.673667 | 8.0 | 624107.0 | 0.336833 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.40549 | 8.0 | 600656.0 | 0.351372 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 3.52809 | 8.0 | 583103.0 | 0.352809 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 6.039316 | 8.0 | 546756.0 | 0.377457 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 8.51585 | 8.0 | 519577.0 | 0.354827 | Y |



## Calibration / 3,5-di-tert-butyl-4-hydroxytol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

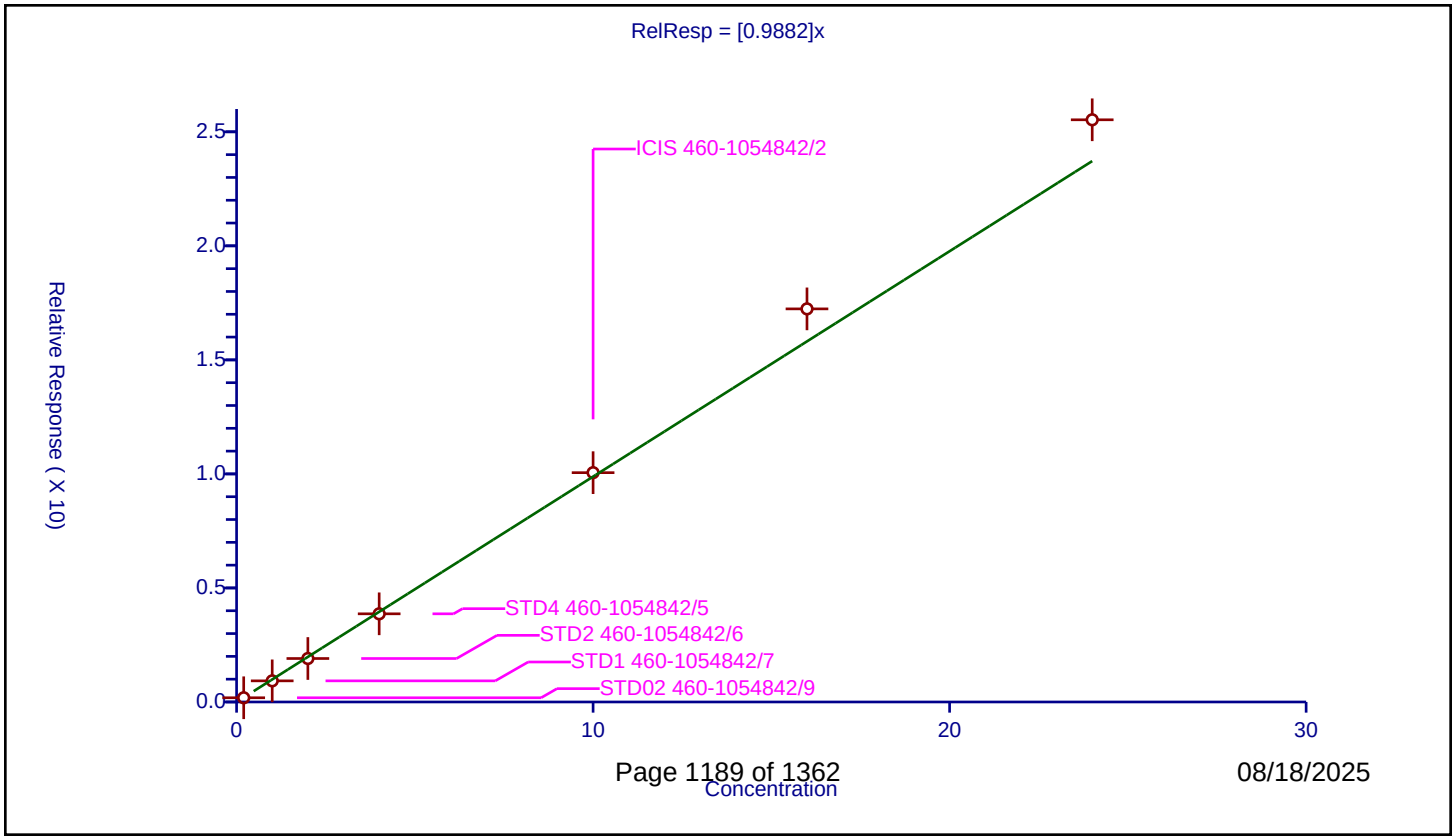
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9882 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.184951 | 8.0 | 627365.0 | 0.924757 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.926584 | 8.0 | 612089.0 | 0.926584 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.906212 | 8.0 | 624107.0 | 0.953106 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 3.86596 | 8.0 | 600656.0 | 0.96649 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 10.055212 | 8.0 | 583103.0 | 1.005521 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 17.236808 | 8.0 | 546756.0 | 1.0773 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 25.527735 | 8.0 | 519577.0 | 1.063656 | Y |



## Calibration / Acenaphthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

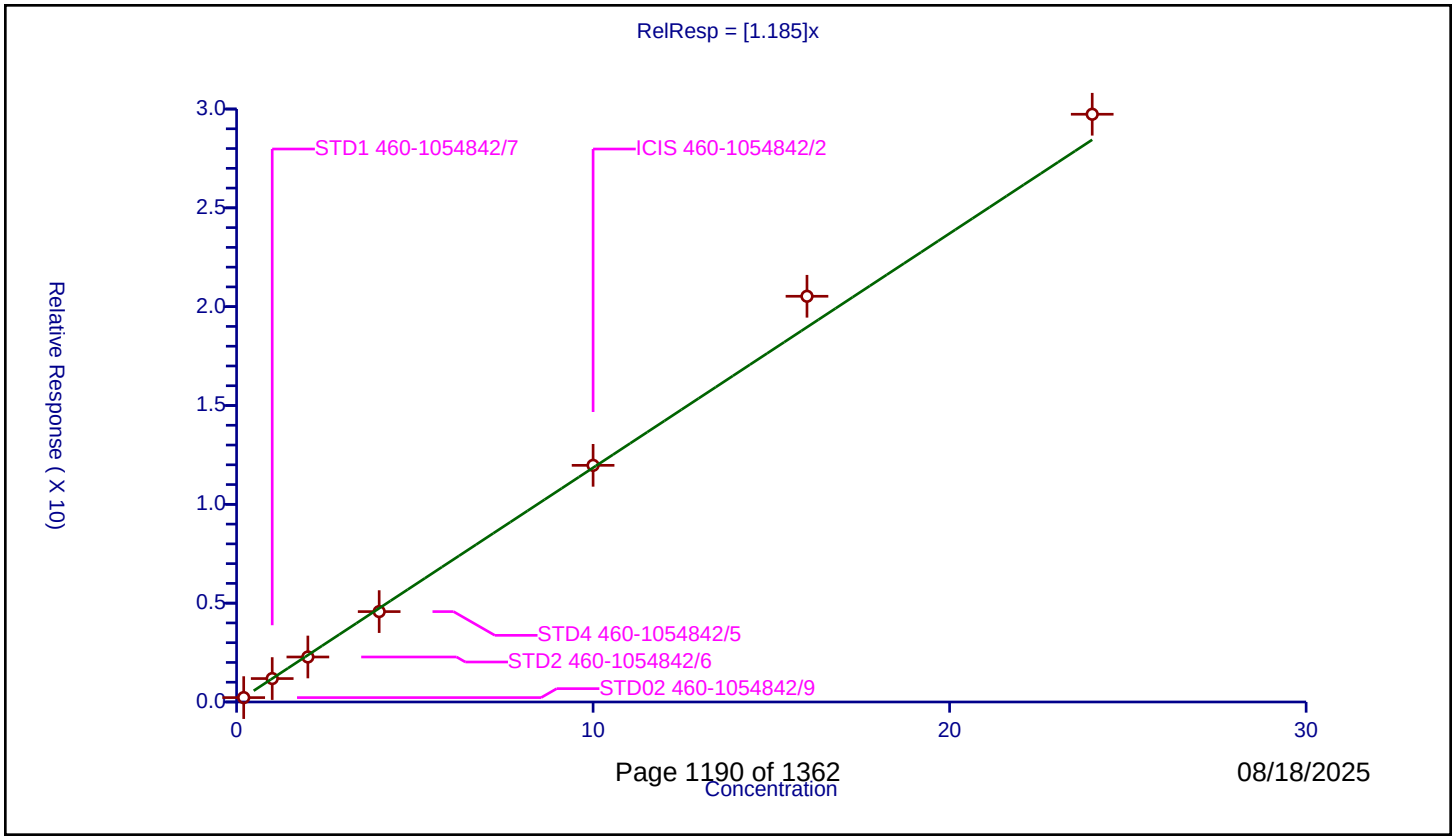
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.185 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.222021 | 8.0 | 627365.0 | 1.110103 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.185579 | 8.0 | 612089.0 | 1.185579 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.27684 | 8.0 | 624107.0 | 1.13842 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 4.572268 | 8.0 | 600656.0 | 1.143067 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 11.972732 | 8.0 | 583103.0 | 1.197273 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 20.526963 | 8.0 | 546756.0 | 1.282935 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 29.735835 | 8.0 | 519577.0 | 1.238993 | Y |



## Calibration / 2,4-Dinitrophenol

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

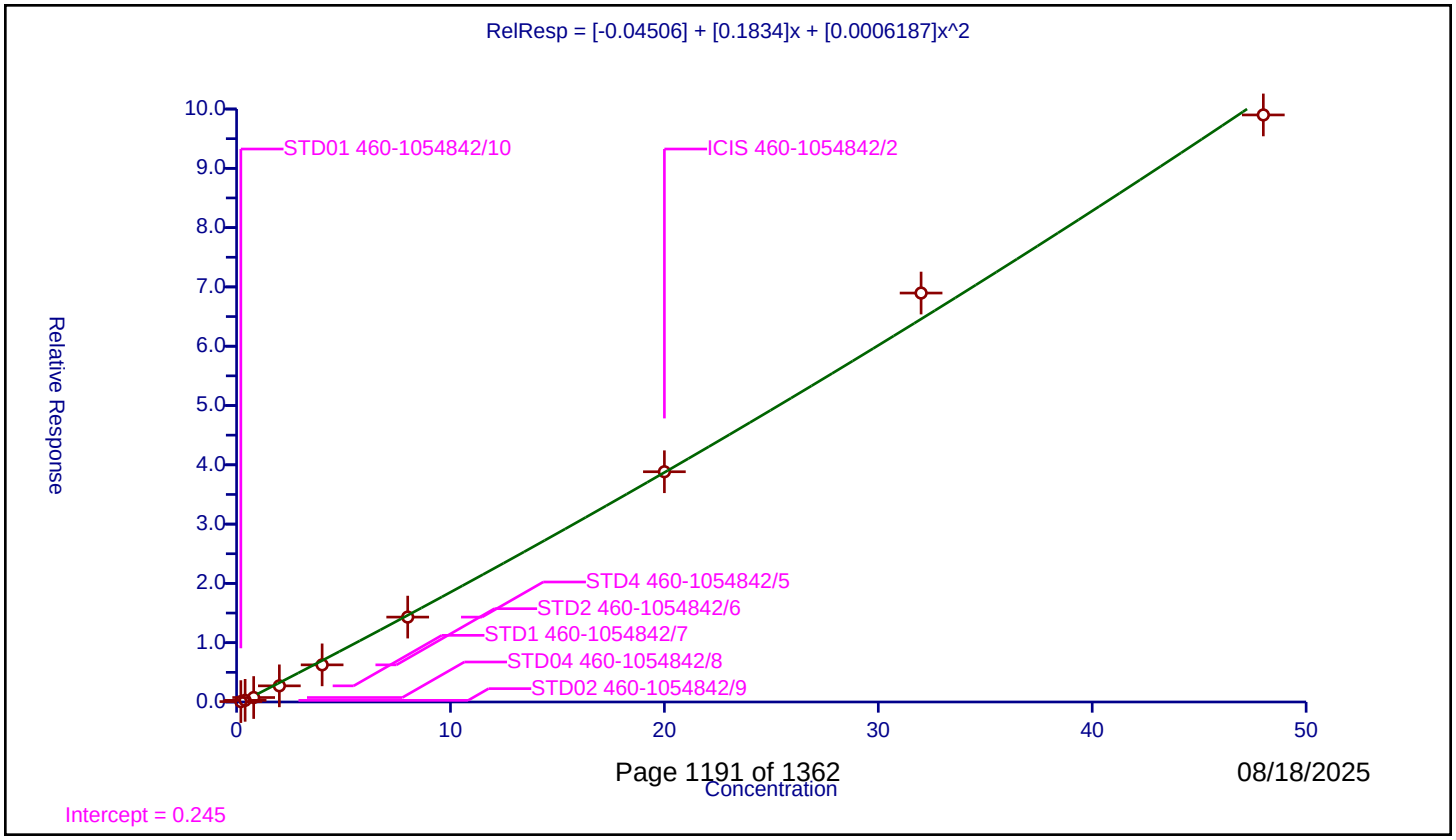
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.04506 |
| **Slope:** | 0.1834 |
| **Second Order:** | 0.0006187 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1054842/10 | 0.2 | 0.006537 | 8.0 | 635141.0 | 0.032686 | Y |
| 2 | STD02 460-1054842/9 | 0.4 | 0.027824 | 8.0 | 627365.0 | 0.069561 | Y |
| 3 | STD04 460-1054842/8 | 0.8 | 0.075216 | 8.0 | 628375.0 | 0.09402 | Y |
| 4 | STD1 460-1054842/7 | 2.0 | 0.272104 | 8.0 | 612089.0 | 0.136052 | Y |
| 5 | STD2 460-1054842/6 | 4.0 | 0.62638 | 8.0 | 624107.0 | 0.156595 | Y |
| 6 | STD4 460-1054842/5 | 8.0 | 1.431502 | 8.0 | 600656.0 | 0.178938 | Y |
| 7 | ICIS 460-1054842/2 | 20.0 | 3.88295 | 8.0 | 583103.0 | 0.194148 | Y |
| 8 | STD16 460-1054842/4 | 32.0 | 6.896502 | 8.0 | 546756.0 | 0.215516 | Y |
| 9 | STD24 460-1054842/3 | 48.0 | 9.900115 | 8.0 | 519577.0 | 0.206252 | Y |



## Calibration / 4-Nitrophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

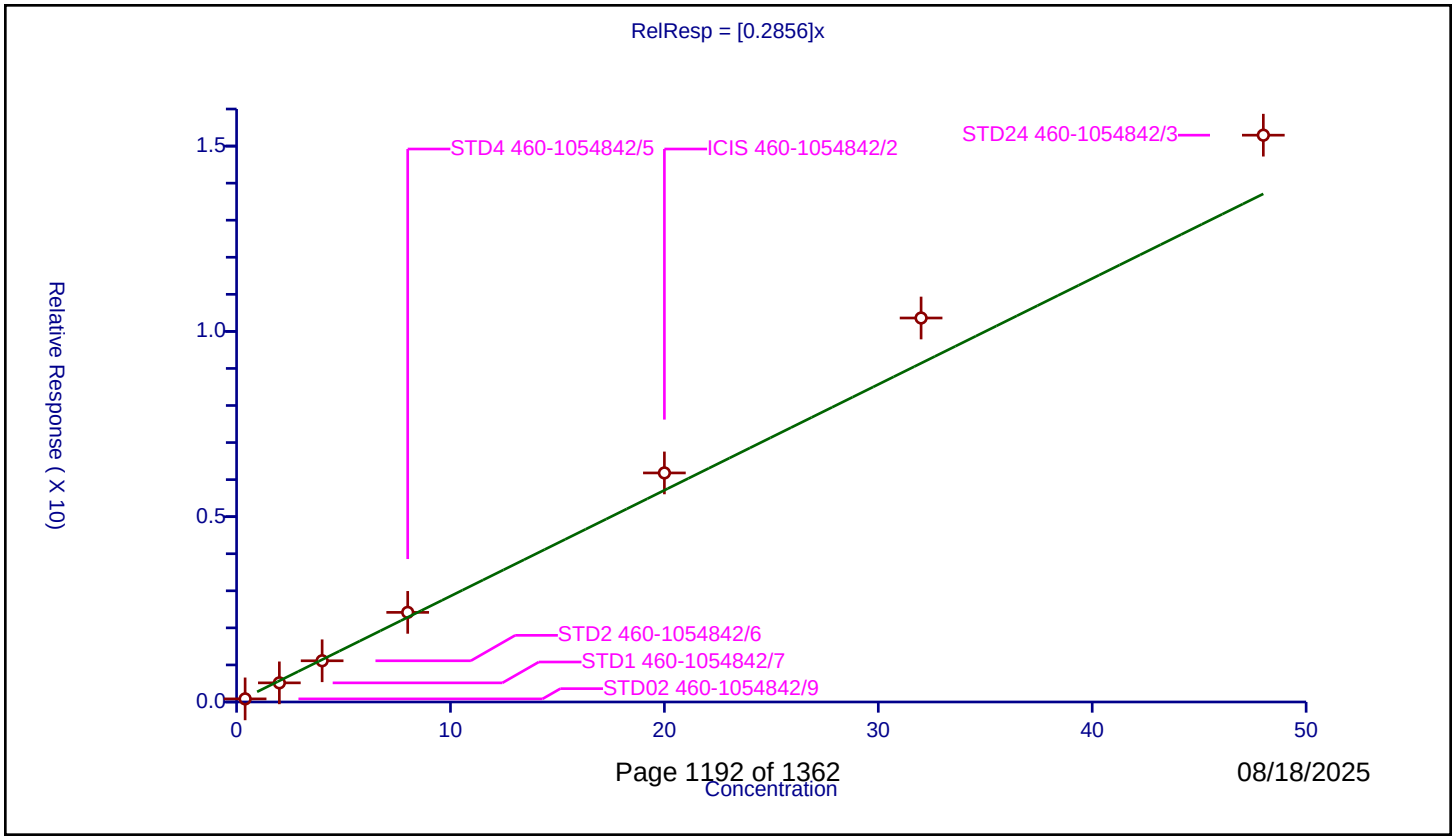
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2856 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.4 | 0.083855 | 8.0 | 627365.0 | 0.209639 | Y |
| 2 | STD1 460-1054842/7 | 2.0 | 0.516213 | 8.0 | 612089.0 | 0.258106 | Y |
| 3 | STD2 460-1054842/6 | 4.0 | 1.112271 | 8.0 | 624107.0 | 0.278068 | Y |
| 4 | STD4 460-1054842/5 | 8.0 | 2.417663 | 8.0 | 600656.0 | 0.302208 | Y |
| 5 | ICIS 460-1054842/2 | 20.0 | 6.180726 | 8.0 | 583103.0 | 0.309036 | Y |
| 6 | STD16 460-1054842/4 | 32.0 | 10.360995 | 8.0 | 546756.0 | 0.323781 | Y |
| 7 | STD24 460-1054842/3 | 48.0 | 15.294349 | 8.0 | 519577.0 | 0.318632 | Y |



## Calibration / 2,4-Dinitrotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

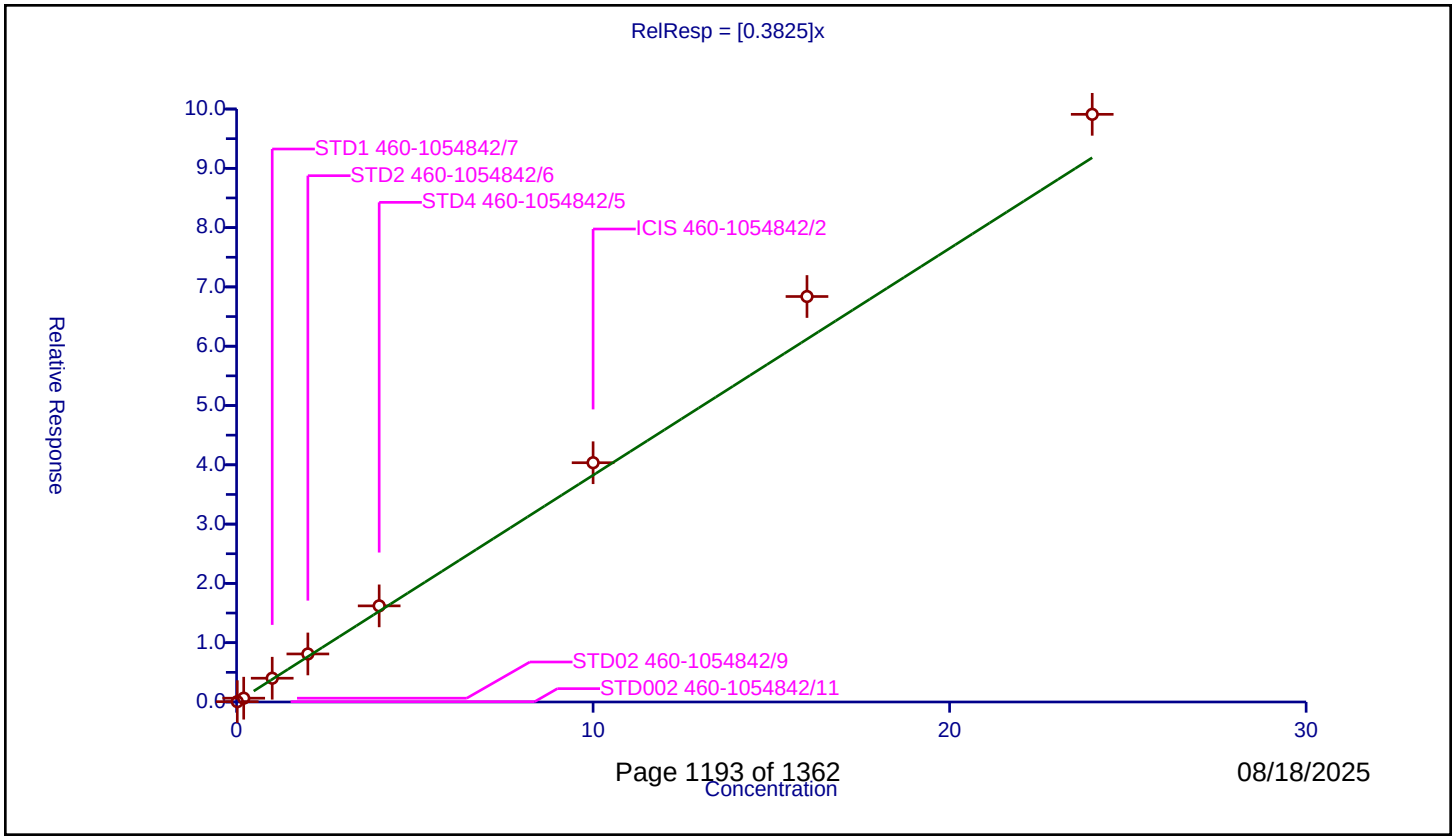
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3825 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.005667 | 8.0 | 629563.0 | 0.283371 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.064256 | 8.0 | 627365.0 | 0.32128 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.400896 | 8.0 | 612089.0 | 0.400896 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 0.810348 | 8.0 | 624107.0 | 0.405174 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 1.621094 | 8.0 | 600656.0 | 0.405274 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 4.03517 | 8.0 | 583103.0 | 0.403517 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 6.837887 | 8.0 | 546756.0 | 0.427368 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 9.910446 | 8.0 | 519577.0 | 0.412935 | Y |



## Calibration / Dibenzofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

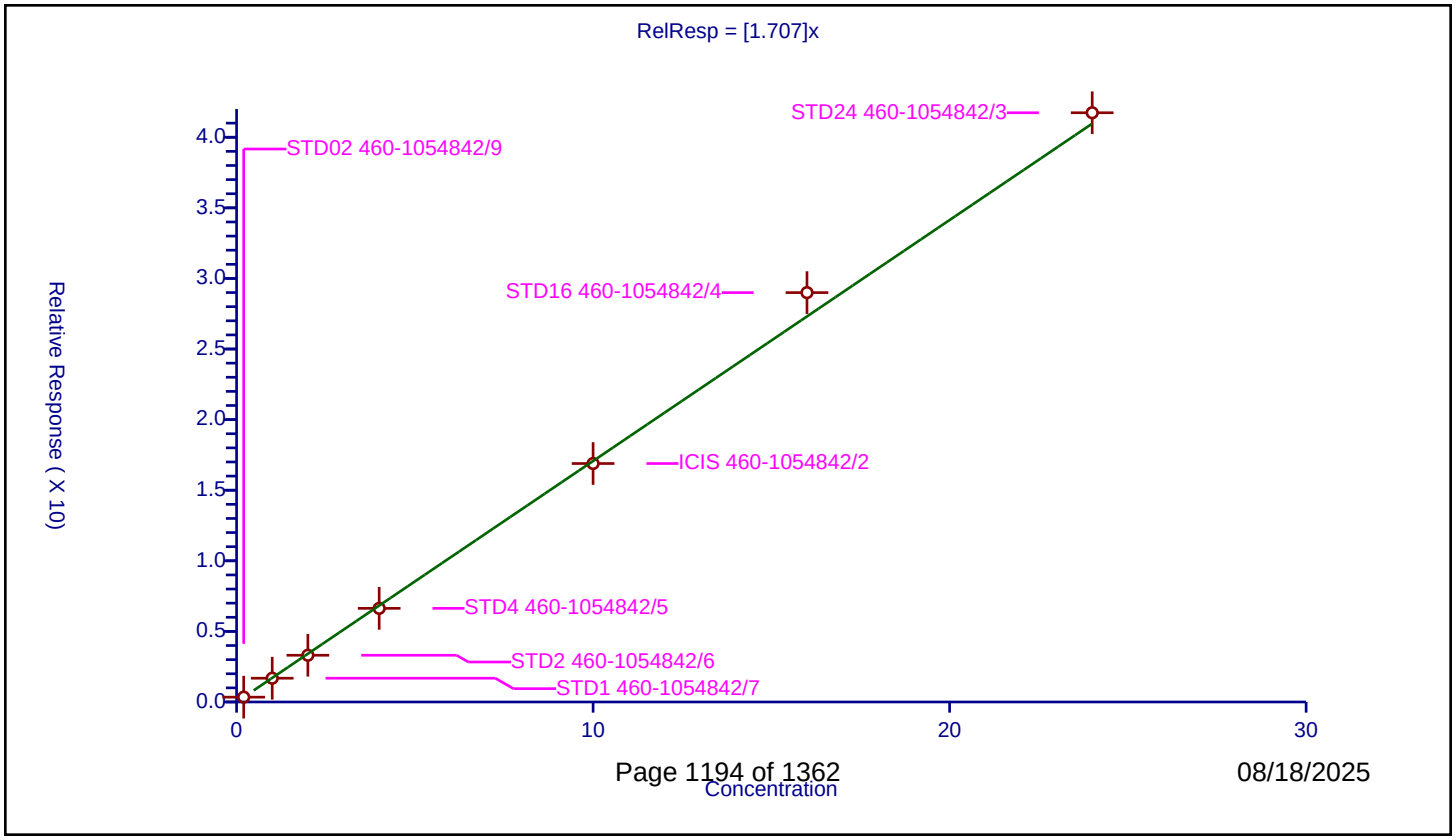
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.707 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.342244 | 8.0 | 627365.0 | 1.711221 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.683023 | 8.0 | 612089.0 | 1.683023 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 3.310266 | 8.0 | 624107.0 | 1.655133 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 6.632482 | 8.0 | 600656.0 | 1.65812 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 16.891177 | 8.0 | 583103.0 | 1.689118 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 28.996159 | 8.0 | 546756.0 | 1.81226 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 41.734904 | 8.0 | 519577.0 | 1.738954 | Y |



## Calibration / 2,3,4,6-Tetrachlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

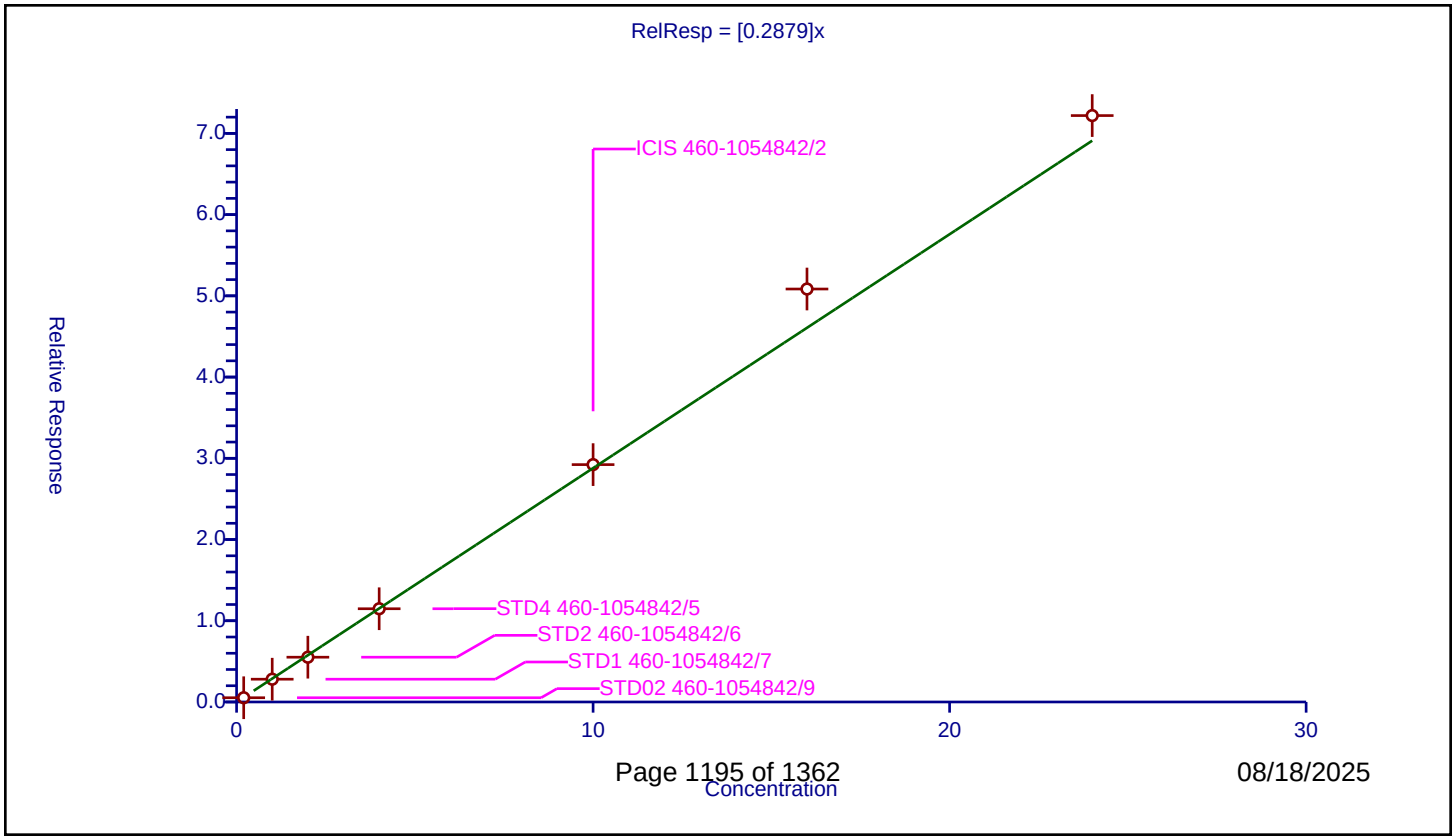
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2879 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.052257 | 8.0 | 627365.0 | 0.261283 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.280665 | 8.0 | 612089.0 | 0.280665 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.551329 | 8.0 | 624107.0 | 0.275664 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.147932 | 8.0 | 600656.0 | 0.286983 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 2.922297 | 8.0 | 583103.0 | 0.29223 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 5.084169 | 8.0 | 546756.0 | 0.317761 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 7.219226 | 8.0 | 519577.0 | 0.300801 | Y |



## Calibration / Diethyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

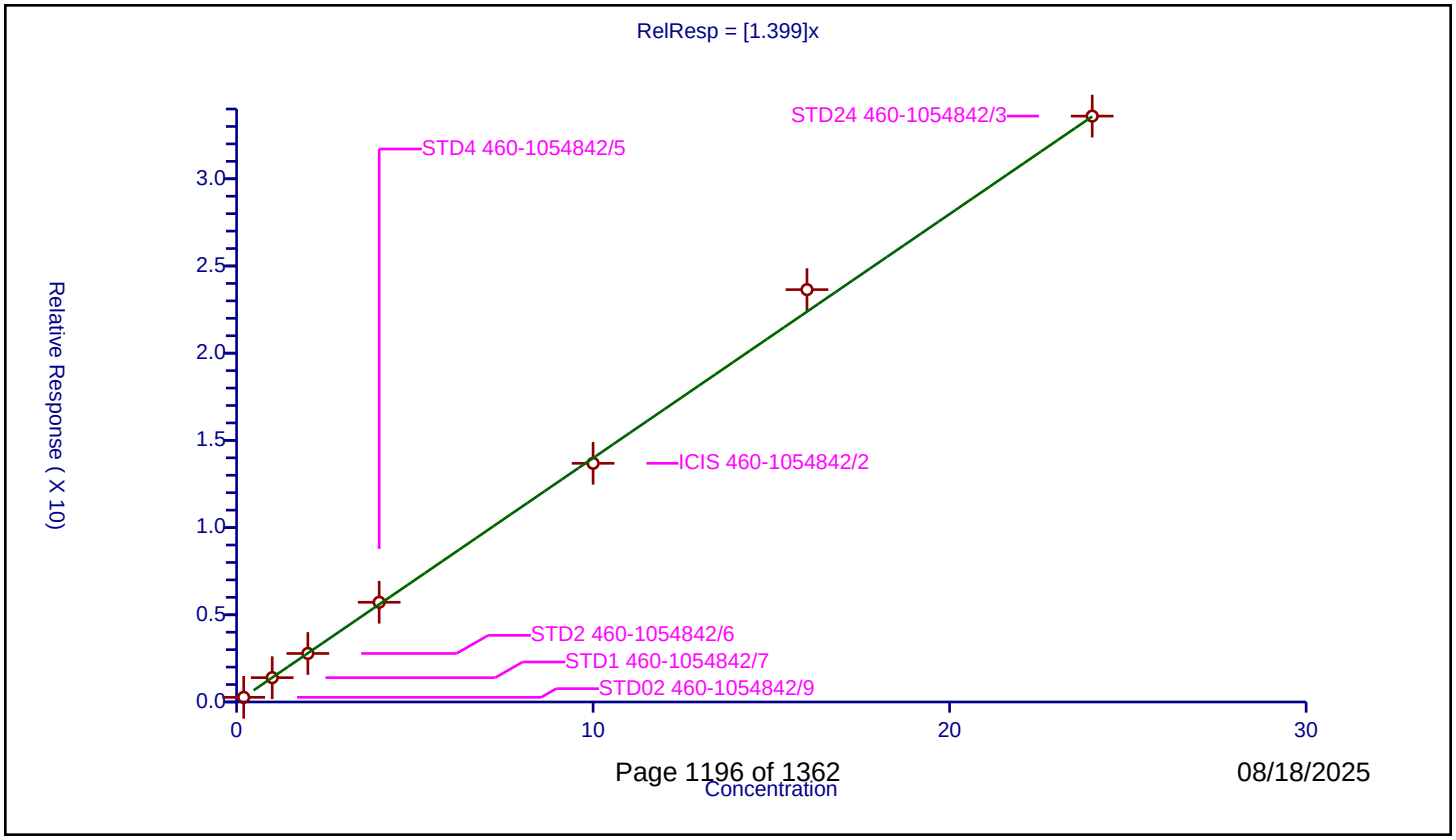
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.399 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.266205 | 8.0 | 627365.0 | 1.331027 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.394555 | 8.0 | 612089.0 | 1.394555 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.782433 | 8.0 | 624107.0 | 1.391217 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 5.717016 | 8.0 | 600656.0 | 1.429254 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 13.685253 | 8.0 | 583103.0 | 1.368525 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 23.643497 | 8.0 | 546756.0 | 1.477719 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 33.592773 | 8.0 | 519577.0 | 1.399699 | Y |



## Calibration / n-Octadecane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

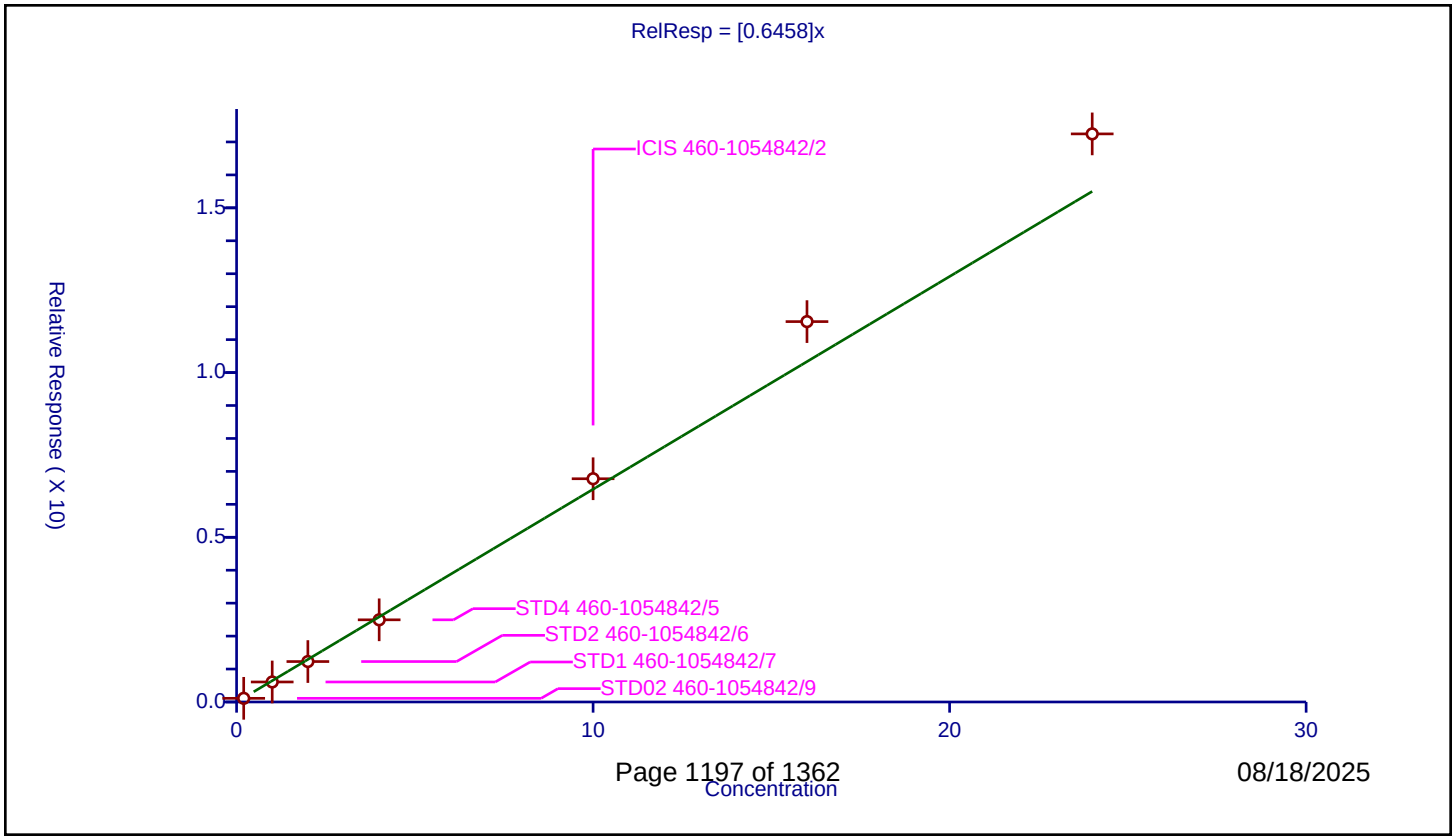
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6458 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.11161 | 8.0 | 1079615.0 | 0.558051 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.60722 | 8.0 | 1036039.0 | 0.60722 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.227661 | 8.0 | 1038137.0 | 0.61383 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 2.494443 | 8.0 | 997372.0 | 0.623611 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 6.776292 | 8.0 | 949606.0 | 0.677629 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 11.54719 | 8.0 | 887887.0 | 0.721699 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 17.244515 | 8.0 | 827535.0 | 0.718521 | Y |



## Calibration / Fluorene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

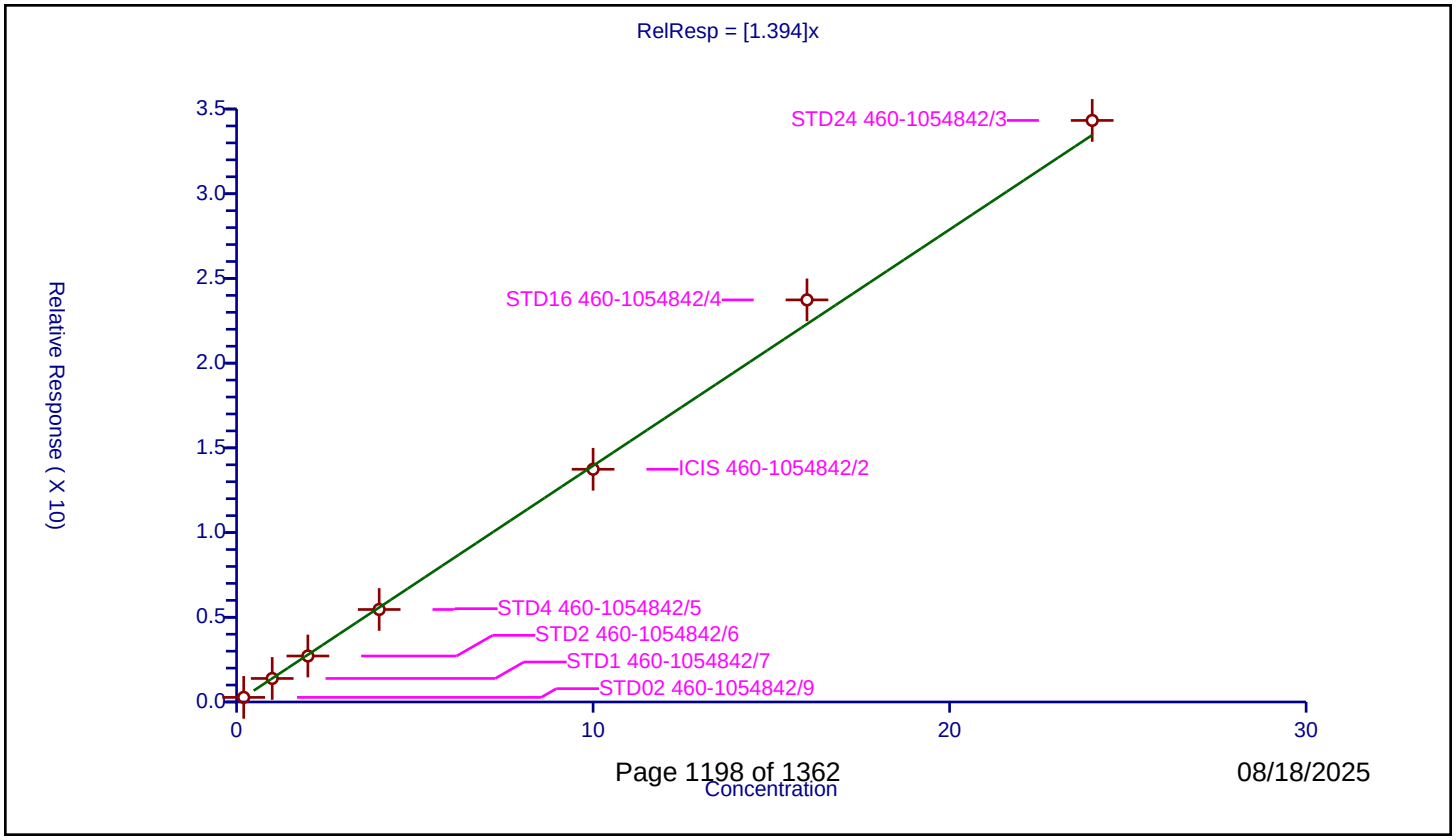
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.394 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.272135 | 8.0 | 627365.0 | 1.360675 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.389693 | 8.0 | 612089.0 | 1.389693 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.714573 | 8.0 | 624107.0 | 1.357286 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 5.459897 | 8.0 | 600656.0 | 1.364974 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 13.736688 | 8.0 | 583103.0 | 1.373669 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 23.733102 | 8.0 | 546756.0 | 1.483319 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 34.326739 | 8.0 | 519577.0 | 1.430281 | Y |



## Calibration / 4-Chlorophenyl phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

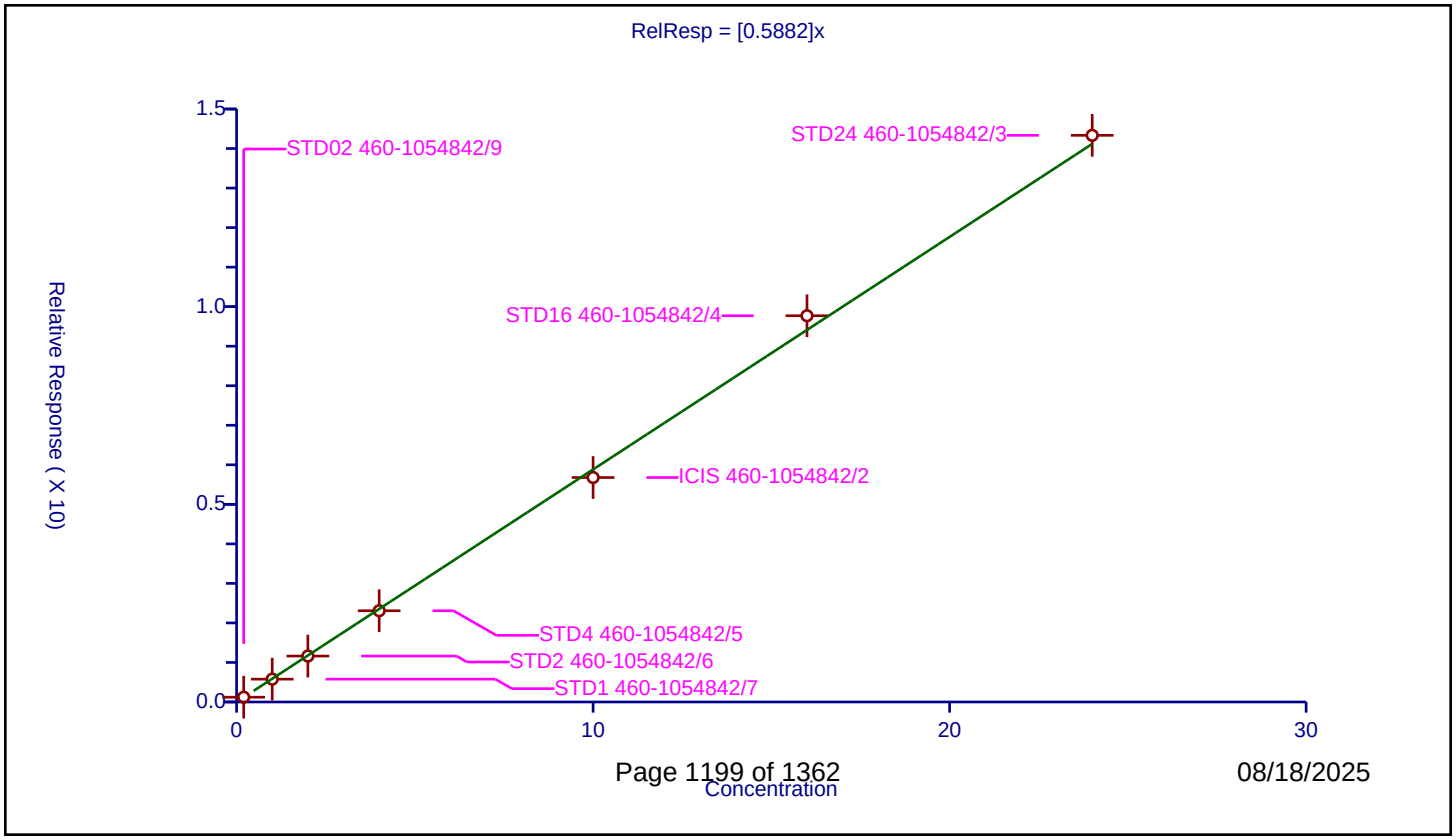
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5882 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.121244 | 8.0 | 627365.0 | 0.606218 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.577851 | 8.0 | 612089.0 | 0.577851 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.161647 | 8.0 | 624107.0 | 0.580823 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 2.308196 | 8.0 | 600656.0 | 0.577049 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 5.677858 | 8.0 | 583103.0 | 0.567786 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 9.770808 | 8.0 | 546756.0 | 0.610676 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 14.334014 | 8.0 | 519577.0 | 0.597251 | Y |



## Calibration / 4-Nitroaniline

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

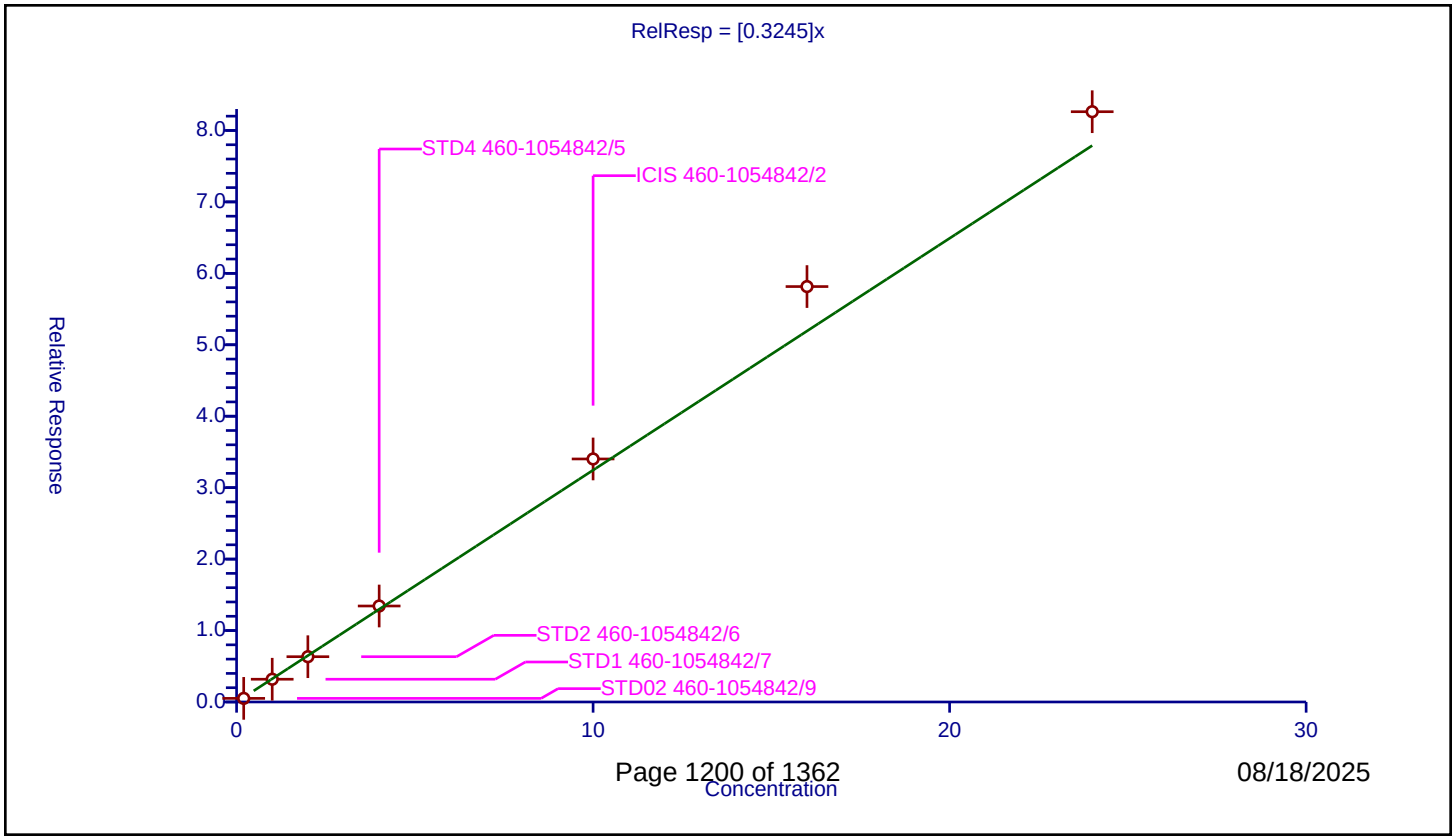
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3245 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.050471 | 8.0 | 627365.0 | 0.252357 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.318463 | 8.0 | 612089.0 | 0.318463 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.633904 | 8.0 | 624107.0 | 0.316952 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.343678 | 8.0 | 600656.0 | 0.335919 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 3.401649 | 8.0 | 583103.0 | 0.340165 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 5.814952 | 8.0 | 546756.0 | 0.363435 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 8.262352 | 8.0 | 519577.0 | 0.344265 | Y |



## Calibration / 4,6-Dinitro-2-methylphenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

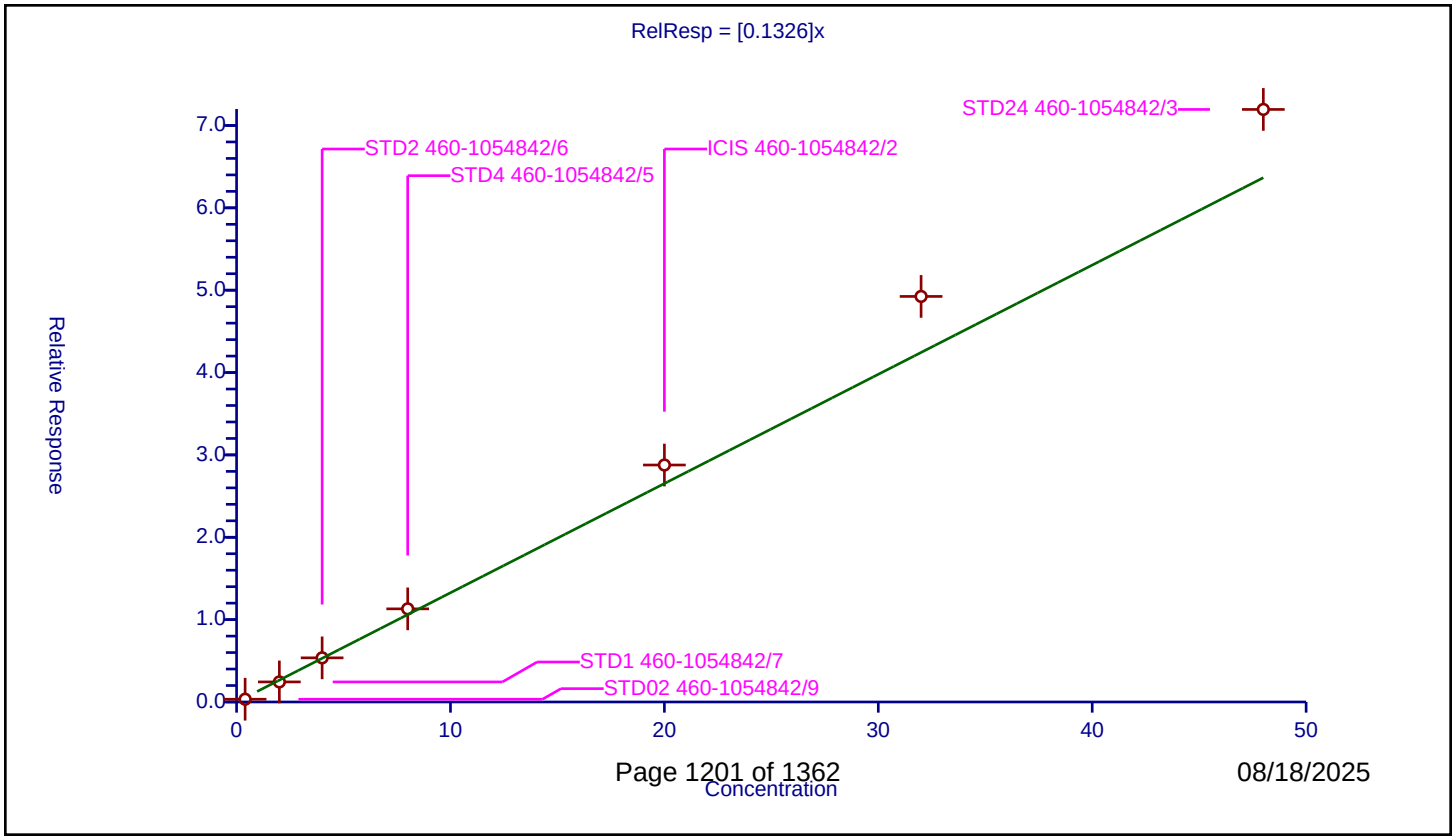
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1326 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.4 | 0.033375 | 8.0 | 1079615.0 | 0.083437 | Y |
| 2 | STD1 460-1054842/7 | 2.0 | 0.243759 | 8.0 | 1036039.0 | 0.12188 | Y |
| 3 | STD2 460-1054842/6 | 4.0 | 0.536076 | 8.0 | 1038137.0 | 0.134019 | Y |
| 4 | STD4 460-1054842/5 | 8.0 | 1.130956 | 8.0 | 997372.0 | 0.14137 | Y |
| 5 | ICIS 460-1054842/2 | 20.0 | 2.877522 | 8.0 | 949606.0 | 0.143876 | Y |
| 6 | STD16 460-1054842/4 | 32.0 | 4.924302 | 8.0 | 887887.0 | 0.153884 | Y |
| 7 | STD24 460-1054842/3 | 48.0 | 7.194959 | 8.0 | 827535.0 | 0.149895 | Y |



## Calibration / N-Nitrosodiphenylamine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

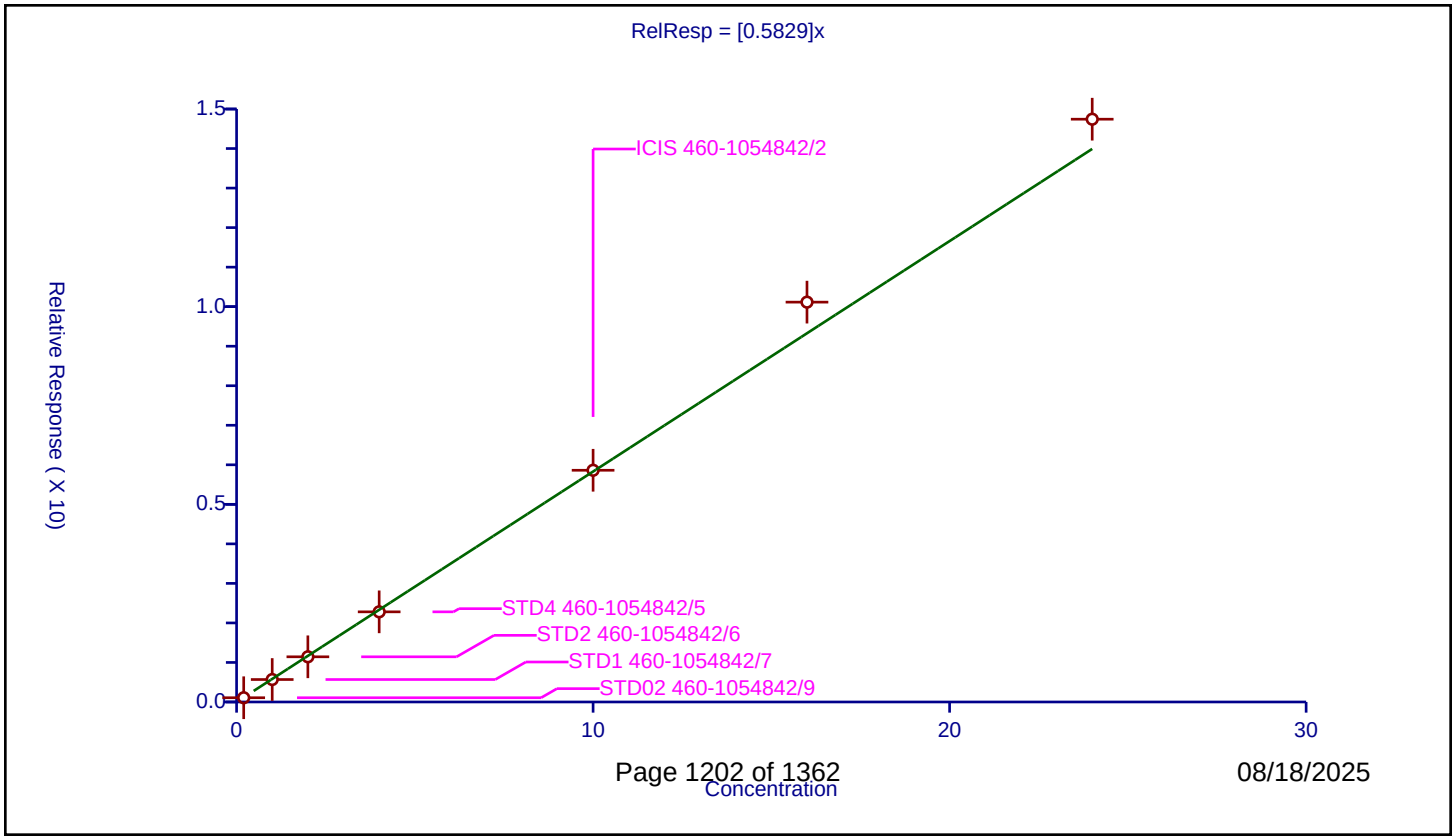
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5829 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.107579 | 8.0 | 1079615.0 | 0.537895 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.568481 | 8.0 | 1036039.0 | 0.568481 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.14294 | 8.0 | 1038137.0 | 0.57147 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 2.280625 | 8.0 | 997372.0 | 0.570156 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 5.861867 | 8.0 | 949606.0 | 0.586187 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 10.114774 | 8.0 | 887887.0 | 0.632173 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 14.742134 | 8.0 | 827535.0 | 0.614256 | Y |



## Calibration / 1,2-Diphenylhydrazine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

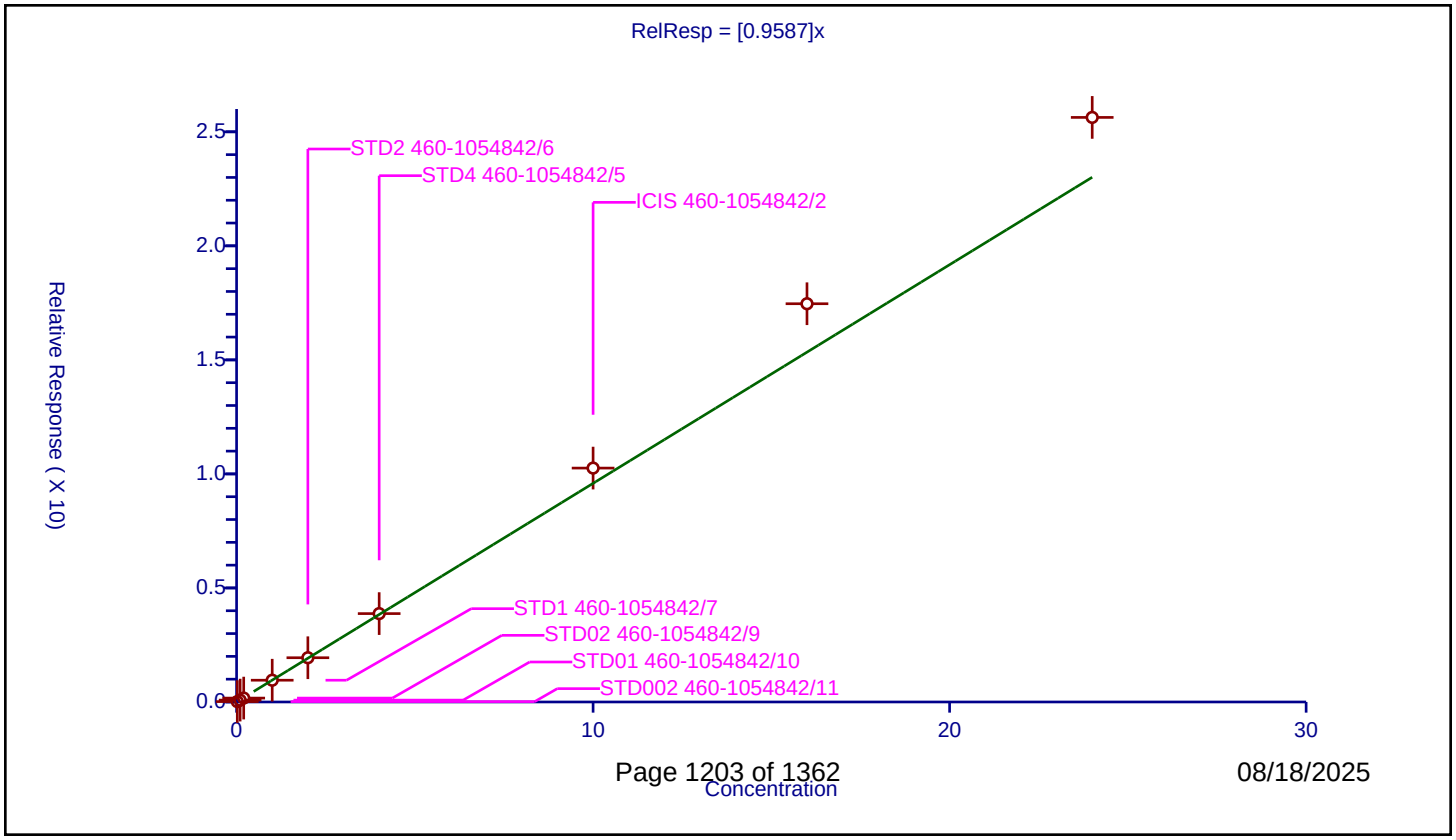
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9587 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.017268 | 8.0 | 1079436.0 | 0.863414 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.08282 | 8.0 | 1110651.0 | 0.828199 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.171506 | 8.0 | 1079615.0 | 0.857528 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.954767 | 8.0 | 1036039.0 | 0.954767 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 1.940176 | 8.0 | 1038137.0 | 0.970088 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 3.875994 | 8.0 | 997372.0 | 0.968999 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 10.256481 | 8.0 | 949606.0 | 1.025648 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 17.462637 | 8.0 | 887887.0 | 1.091415 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 25.632086 | 8.0 | 827535.0 | 1.068004 | Y |



## Calibration / Azobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

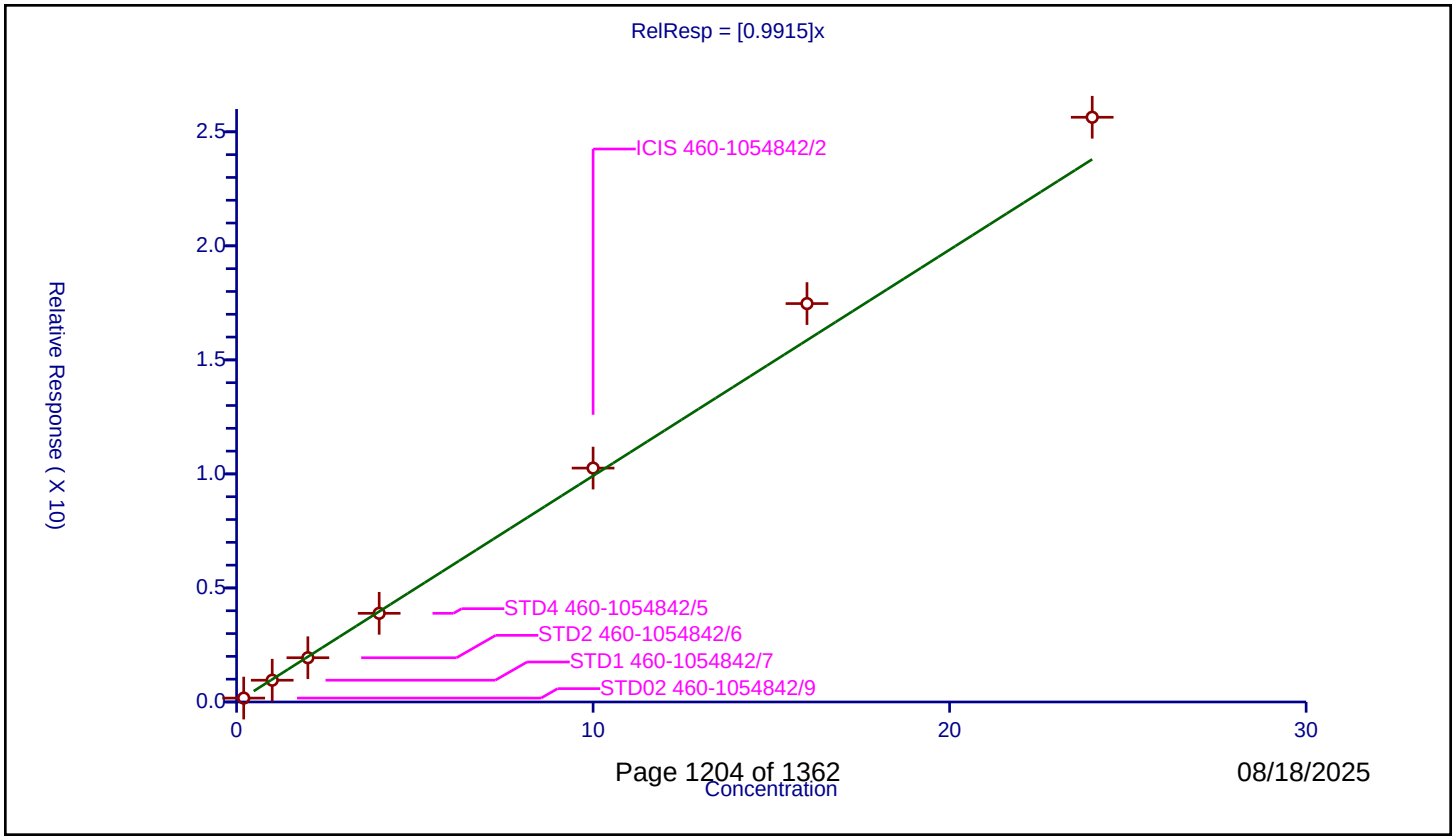
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9915 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.171506 | 8.0 | 1079615.0 | 0.857528 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.954767 | 8.0 | 1036039.0 | 0.954767 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.940176 | 8.0 | 1038137.0 | 0.970088 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 3.888339 | 8.0 | 997372.0 | 0.972085 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 10.256481 | 8.0 | 949606.0 | 1.025648 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 17.468736 | 8.0 | 887887.0 | 1.091796 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 25.639239 | 8.0 | 827535.0 | 1.068302 | Y |



## Calibration / 2,4,6-Tribromophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

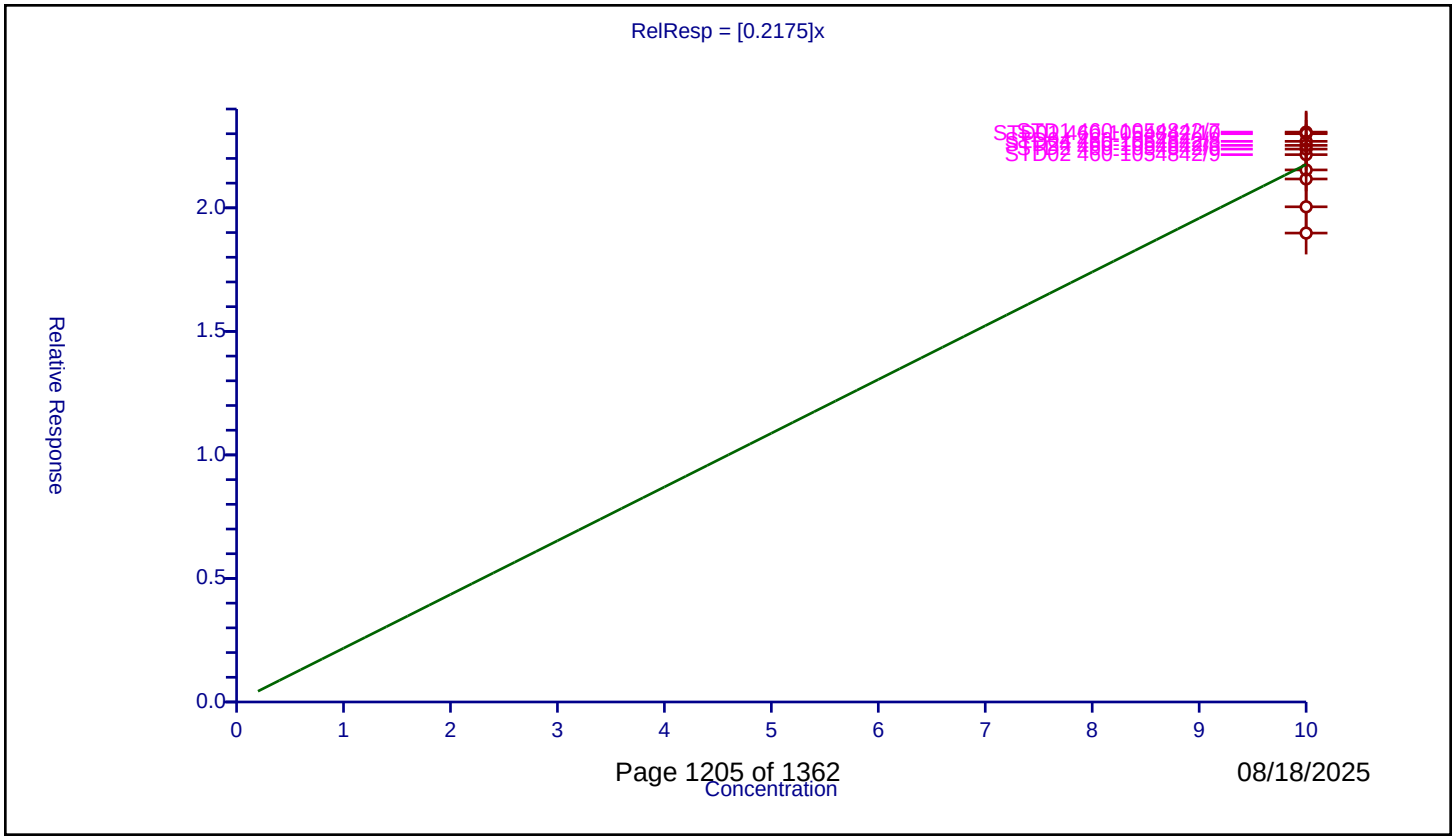
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2175 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1054842/2 | 10.0 | 1.897915 | 8.0 | 583103.0 | 0.189792 | Y |
| 2 | STD24 460-1054842/3 | 10.0 | 2.252925 | 8.0 | 519577.0 | 0.225292 | Y |
| 3 | STD16 460-1054842/4 | 10.0 | 2.004258 | 8.0 | 546756.0 | 0.200426 | Y |
| 4 | STD4 460-1054842/5 | 10.0 | 2.153512 | 8.0 | 600656.0 | 0.215351 | Y |
| 5 | STD2 460-1054842/6 | 10.0 | 2.237744 | 8.0 | 624107.0 | 0.223774 | Y |
| 6 | STD1 460-1054842/7 | 10.0 | 2.306527 | 8.0 | 612089.0 | 0.230653 | Y |
| 7 | STD04 460-1054842/8 | 10.0 | 2.269167 | 8.0 | 628375.0 | 0.226917 | Y |
| 8 | STD02 460-1054842/9 | 10.0 | 2.215285 | 8.0 | 627365.0 | 0.221528 | Y |
| 9 | STD01 460-1054842/10 | 10.0 | 2.300088 | 8.0 | 635141.0 | 0.230009 | Y |
| 10 | STD002 460-1054842/11 | 10.0 | 2.116821 | 8.0 | 629563.0 | 0.211682 | Y |



## Calibration / 4-Bromophenyl phenyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

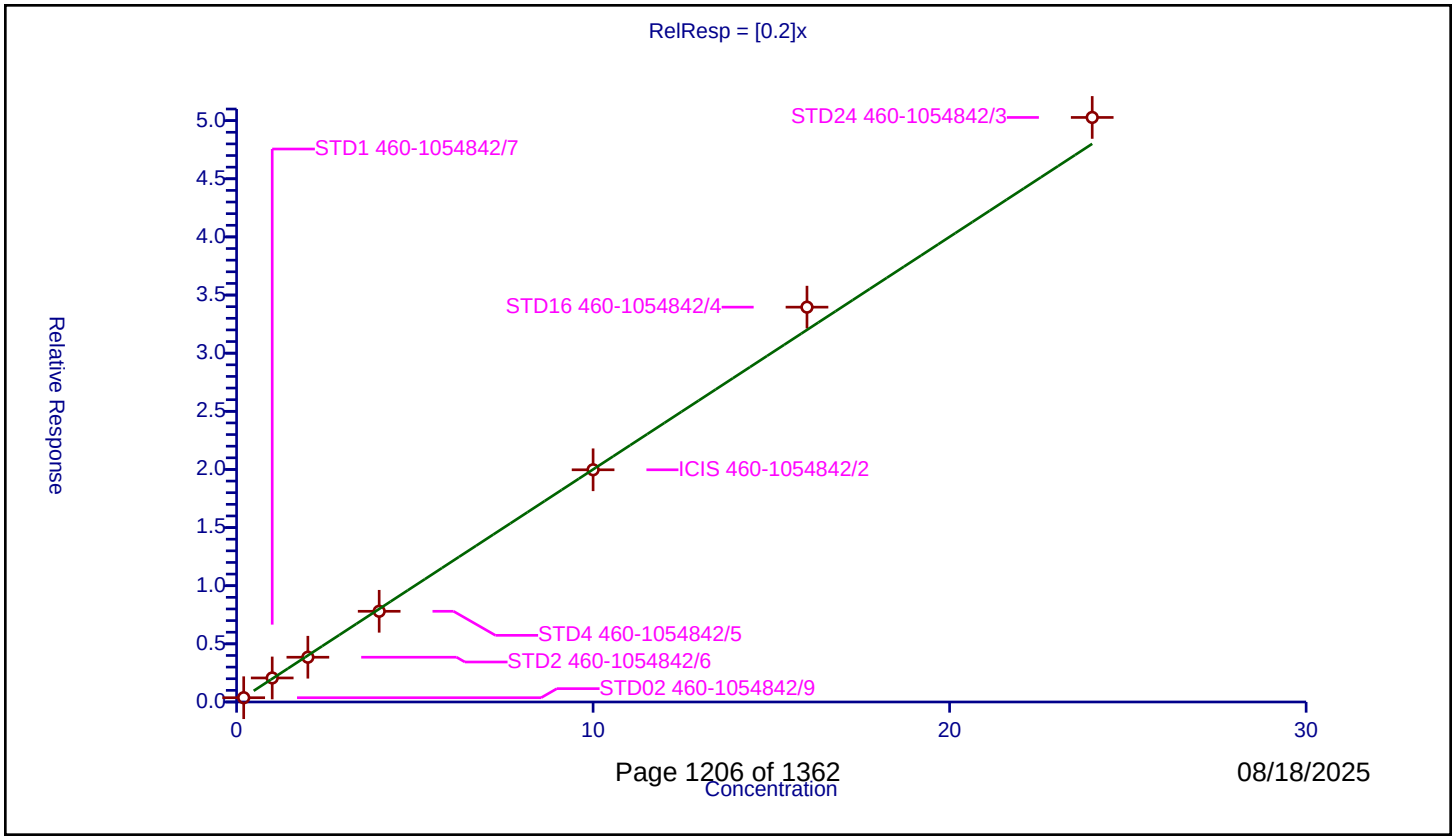
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.036895 | 8.0 | 1079615.0 | 0.184473 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.206764 | 8.0 | 1036039.0 | 0.206764 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.384913 | 8.0 | 1038137.0 | 0.192456 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 0.780186 | 8.0 | 997372.0 | 0.195047 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 1.997199 | 8.0 | 949606.0 | 0.19972 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 3.395829 | 8.0 | 887887.0 | 0.212239 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 5.027567 | 8.0 | 827535.0 | 0.209482 | Y |



## Calibration / Hexachlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

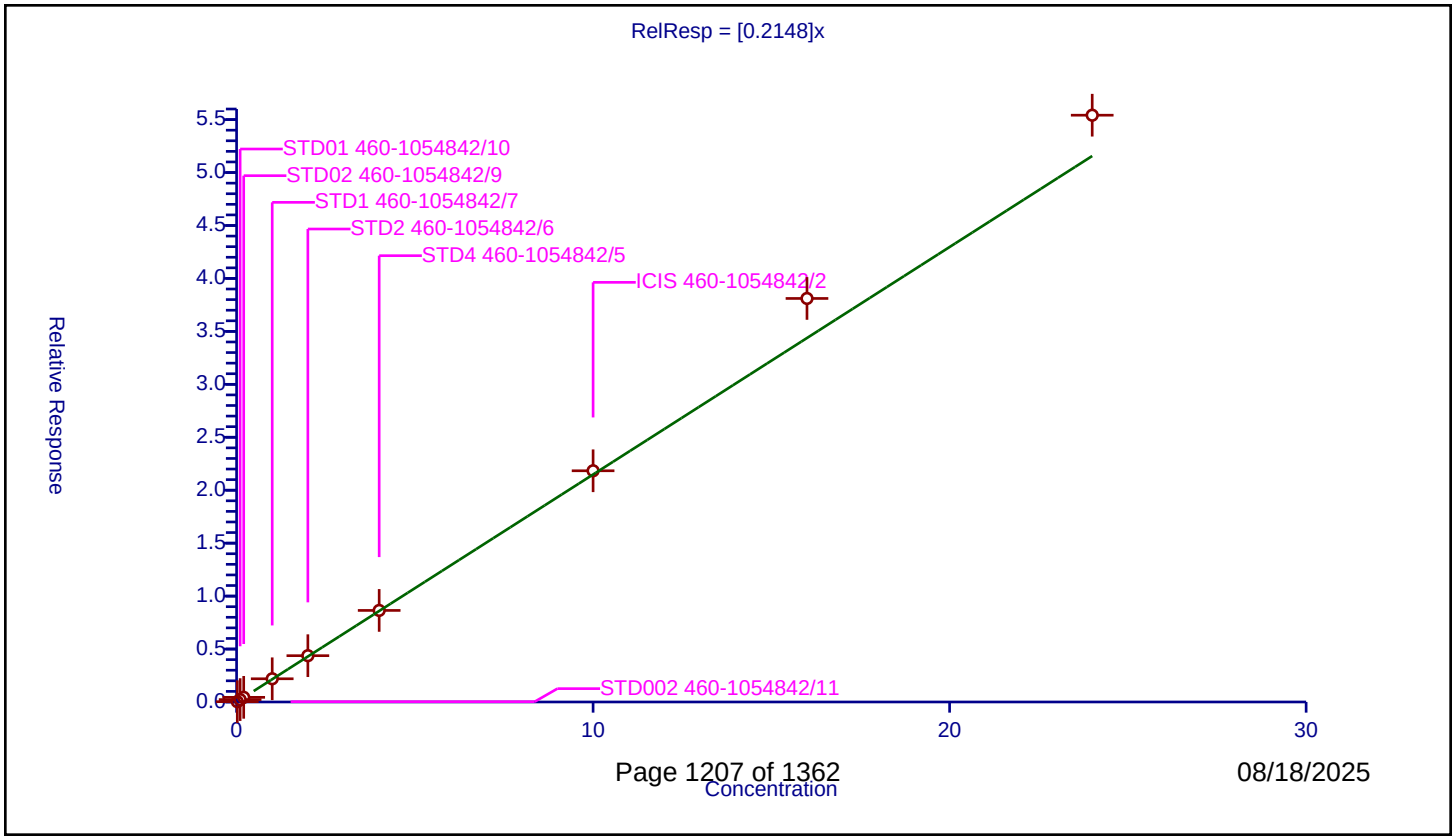
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2148 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.002935 | 8.0 | 1079436.0 | 0.146743 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.022567 | 8.0 | 1110651.0 | 0.225669 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.043934 | 8.0 | 1079615.0 | 0.219671 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.219243 | 8.0 | 1036039.0 | 0.219243 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 0.437291 | 8.0 | 1038137.0 | 0.218646 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 0.864688 | 8.0 | 997372.0 | 0.216172 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 2.183491 | 8.0 | 949606.0 | 0.218349 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 3.811053 | 8.0 | 887887.0 | 0.238191 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 5.54147 | 8.0 | 827535.0 | 0.230895 | Y |



## Calibration / Atrazine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

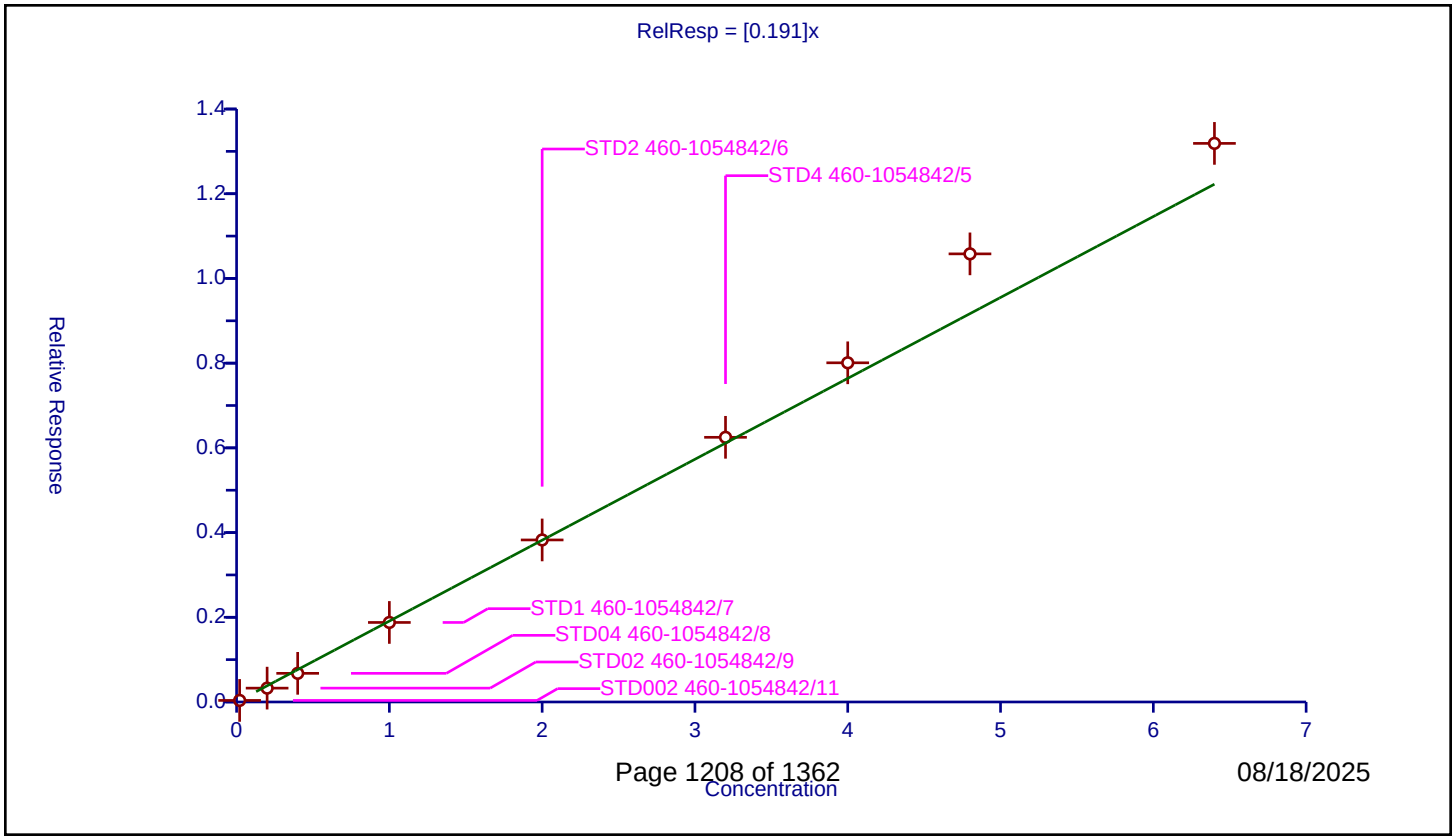
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.191 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.003706 | 8.0 | 1079436.0 | 0.185282 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.032723 | 8.0 | 1079615.0 | 0.163614 | Y |
| 3 | STD04 460-1054842/8 | 0.4 | 0.067678 | 8.0 | 1069647.0 | 0.169196 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.187754 | 8.0 | 1036039.0 | 0.187754 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 0.382585 | 8.0 | 1038137.0 | 0.191293 | Y |
| 6 | STD4 460-1054842/5 | 3.2 | 0.624914 | 8.0 | 997372.0 | 0.195286 | Y |
| 7 | ICIS 460-1054842/2 | 4.0 | 0.800829 | 8.0 | 949606.0 | 0.200207 | Y |
| 8 | STD16 460-1054842/4 | 4.8 | 1.058018 | 8.0 | 887887.0 | 0.22042 | Y |
| 9 | STD24 460-1054842/3 | 6.4 | 1.318866 | 8.0 | 827535.0 | 0.206073 | Y |



## Calibration / Pentachlorophenol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

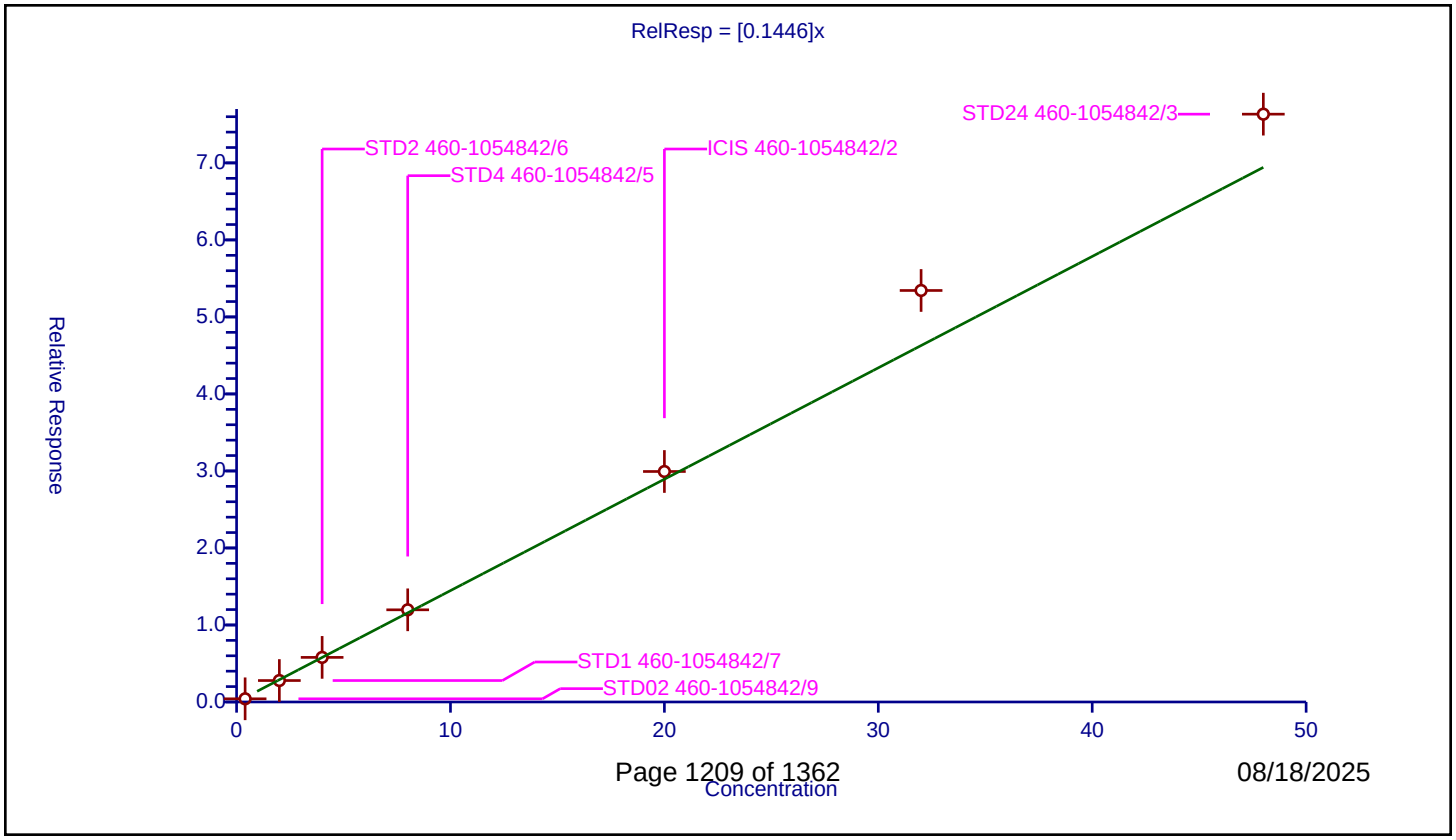
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1446 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.4 | 0.041222 | 8.0 | 1079615.0 | 0.103055 | Y |
| 2 | STD1 460-1054842/7 | 2.0 | 0.2786 | 8.0 | 1036039.0 | 0.1393 | Y |
| 3 | STD2 460-1054842/6 | 4.0 | 0.579184 | 8.0 | 1038137.0 | 0.144796 | Y |
| 4 | STD4 460-1054842/5 | 8.0 | 1.197042 | 8.0 | 997372.0 | 0.14963 | Y |
| 5 | ICIS 460-1054842/2 | 20.0 | 2.992947 | 8.0 | 949606.0 | 0.149647 | Y |
| 6 | STD16 460-1054842/4 | 32.0 | 5.343689 | 8.0 | 887887.0 | 0.16699 | Y |
| 7 | STD24 460-1054842/3 | 48.0 | 7.633272 | 8.0 | 827535.0 | 0.159027 | Y |



## Calibration / Pentachloronitrobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

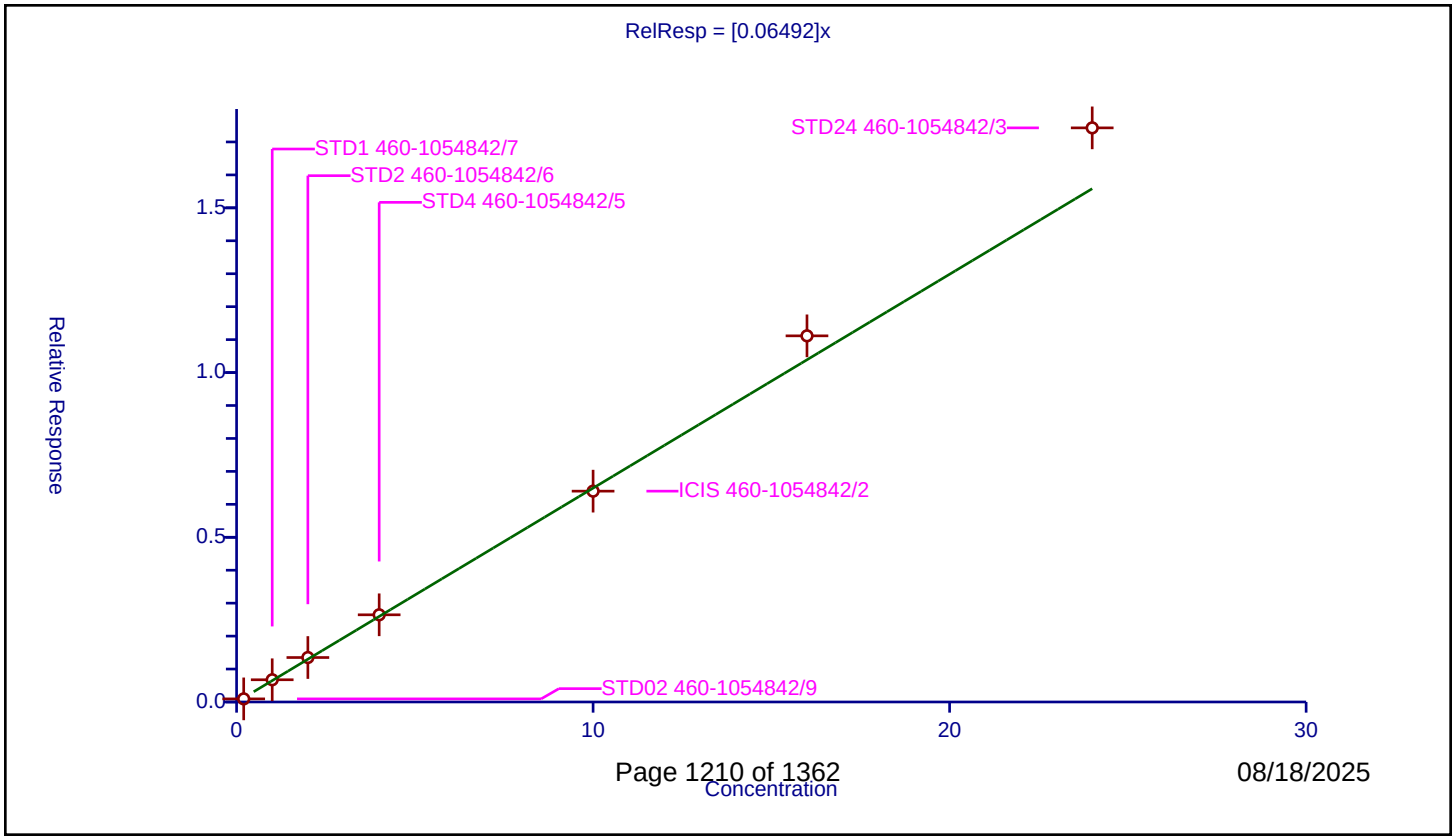
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06492 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.009455 | 8.0 | 1079615.0 | 0.047276 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.067472 | 8.0 | 1036039.0 | 0.067472 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.134942 | 8.0 | 1038137.0 | 0.067471 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 0.264623 | 8.0 | 997372.0 | 0.066156 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 0.639996 | 8.0 | 949606.0 | 0.064 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 1.111484 | 8.0 | 887887.0 | 0.069468 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 1.742805 | 8.0 | 827535.0 | 0.072617 | Y |



## Calibration / Phenanthrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

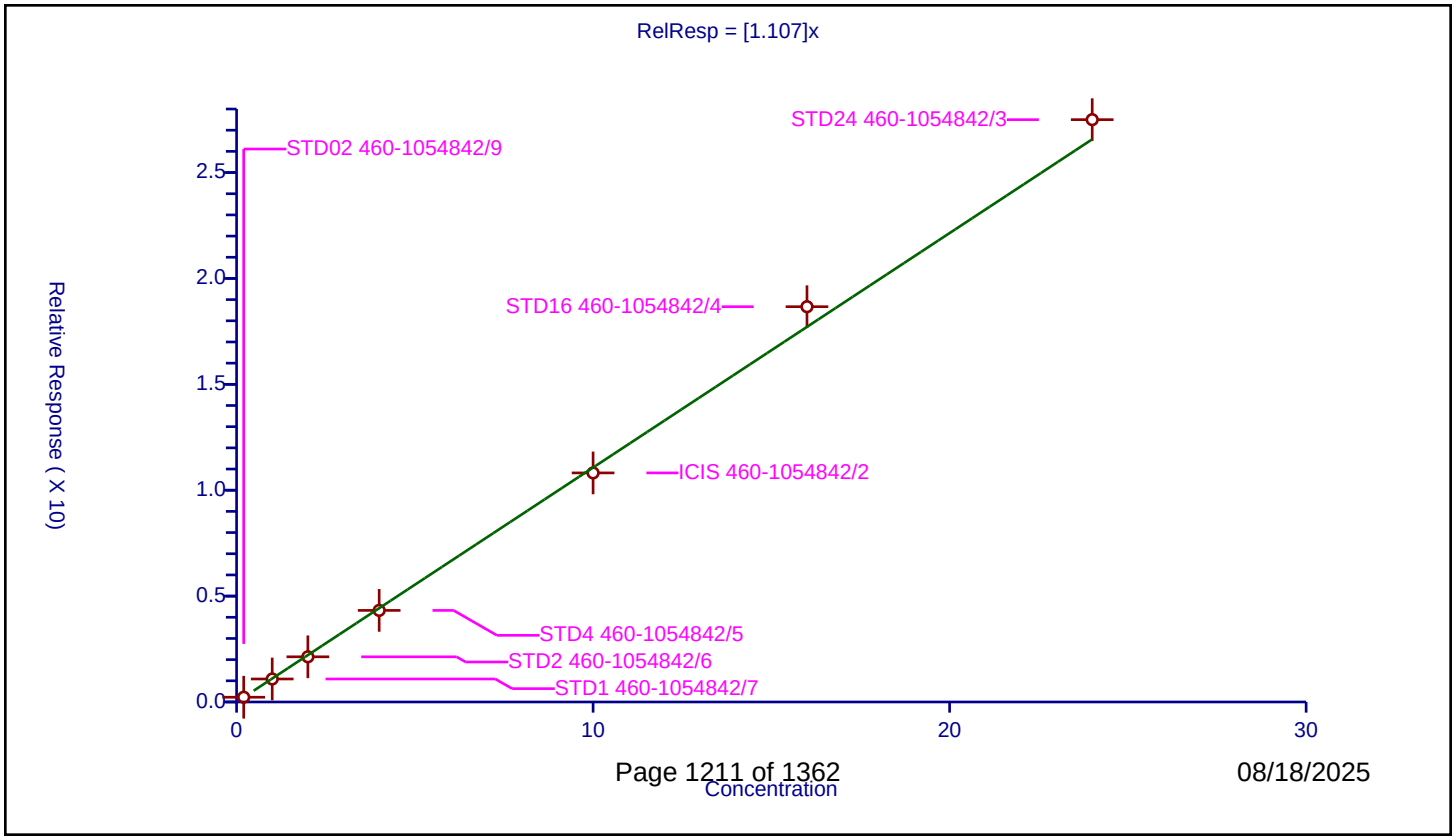
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.107 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.224361 | 8.0 | 1079615.0 | 1.121807 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.085666 | 8.0 | 1036039.0 | 1.085666 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.13383 | 8.0 | 1038137.0 | 1.066915 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 4.324148 | 8.0 | 997372.0 | 1.081037 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 10.816874 | 8.0 | 949606.0 | 1.081687 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 18.66542 | 8.0 | 887887.0 | 1.166589 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 27.497201 | 8.0 | 827535.0 | 1.145717 | Y |



## Calibration / Anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

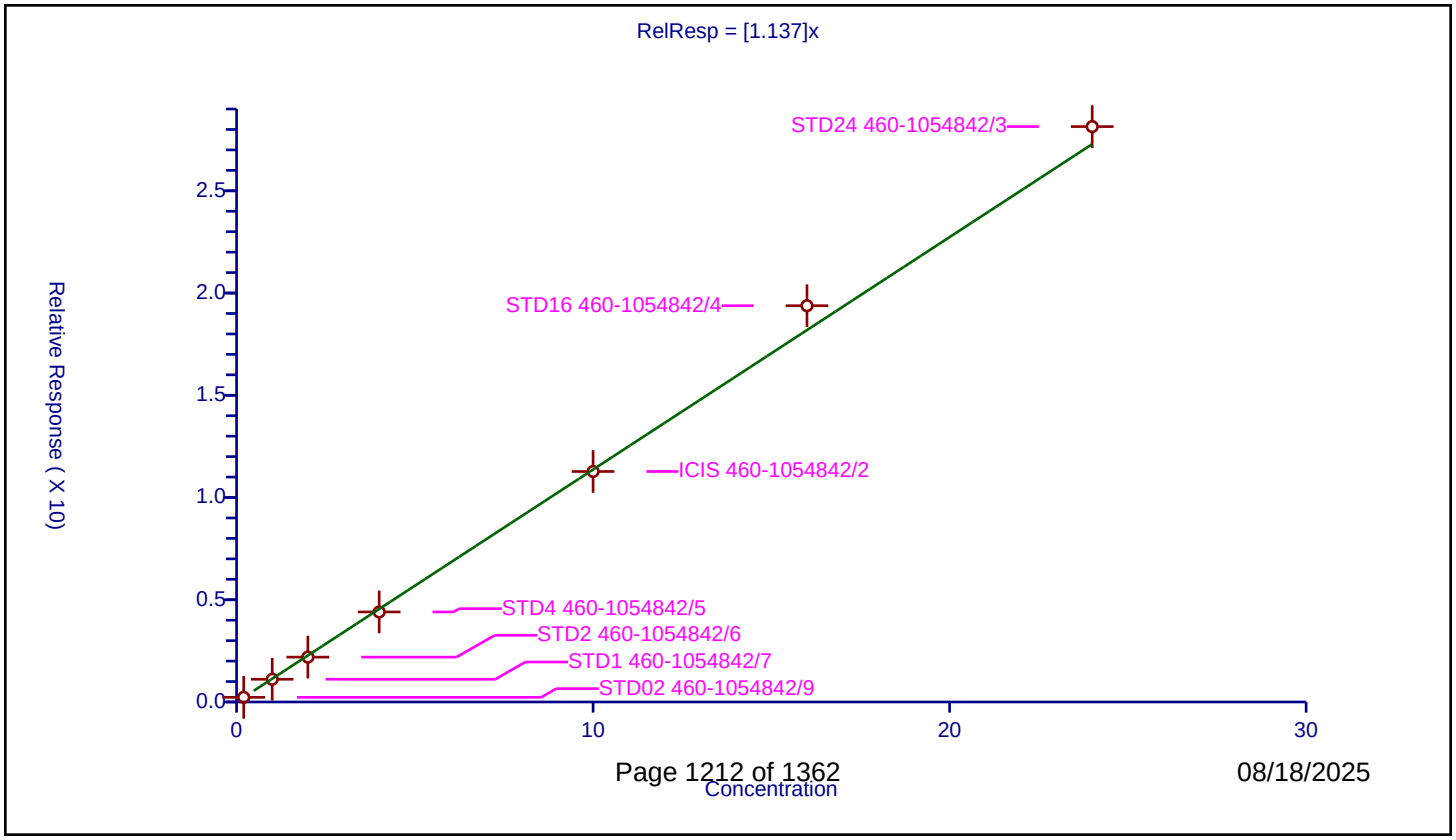
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.137 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.22734 | 8.0 | 1079615.0 | 1.136702 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.111827 | 8.0 | 1036039.0 | 1.111827 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.194331 | 8.0 | 1038137.0 | 1.097165 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 4.403268 | 8.0 | 997372.0 | 1.100817 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 11.272237 | 8.0 | 949606.0 | 1.127224 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 19.380538 | 8.0 | 887887.0 | 1.211284 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 28.140296 | 8.0 | 827535.0 | 1.172512 | Y |



## Calibration / Carbazole

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

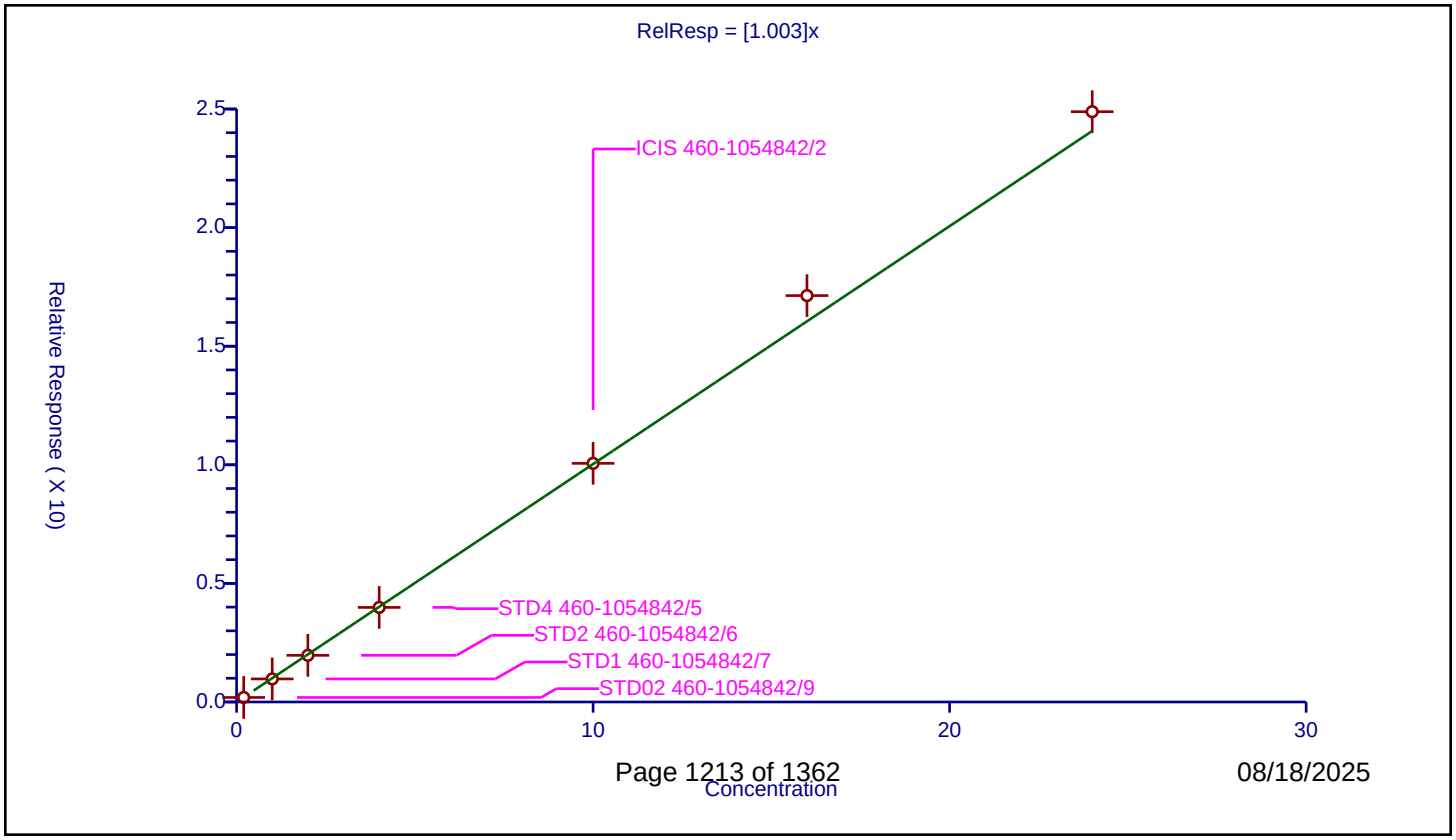
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.003 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.191083 | 8.0 | 1079615.0 | 0.955415 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.972133 | 8.0 | 1036039.0 | 0.972133 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.966392 | 8.0 | 1038137.0 | 0.983196 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 3.987583 | 8.0 | 997372.0 | 0.996896 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 10.060476 | 8.0 | 949606.0 | 1.006048 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 17.133649 | 8.0 | 887887.0 | 1.070853 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 24.886769 | 8.0 | 827535.0 | 1.036949 | Y |



## Calibration / Di-n-butyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

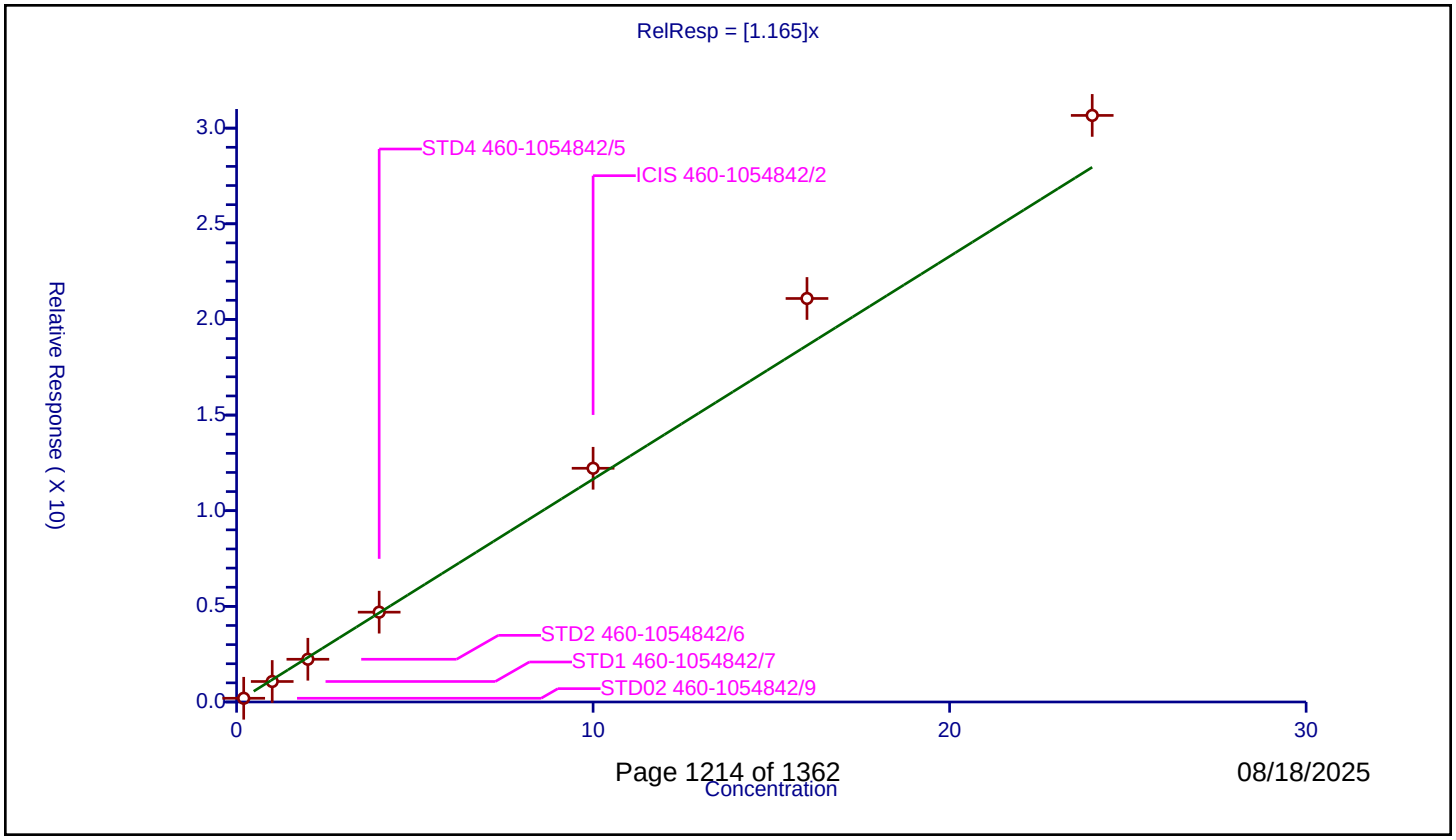
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.165 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.194729 | 8.0 | 1079615.0 | 0.973643 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.070794 | 8.0 | 1036039.0 | 1.070794 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.234657 | 8.0 | 1038137.0 | 1.117328 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 4.696262 | 8.0 | 997372.0 | 1.174065 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 12.219291 | 8.0 | 949606.0 | 1.221929 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 21.095027 | 8.0 | 887887.0 | 1.318439 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 30.665154 | 8.0 | 827535.0 | 1.277715 | Y |



## Calibration / Fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

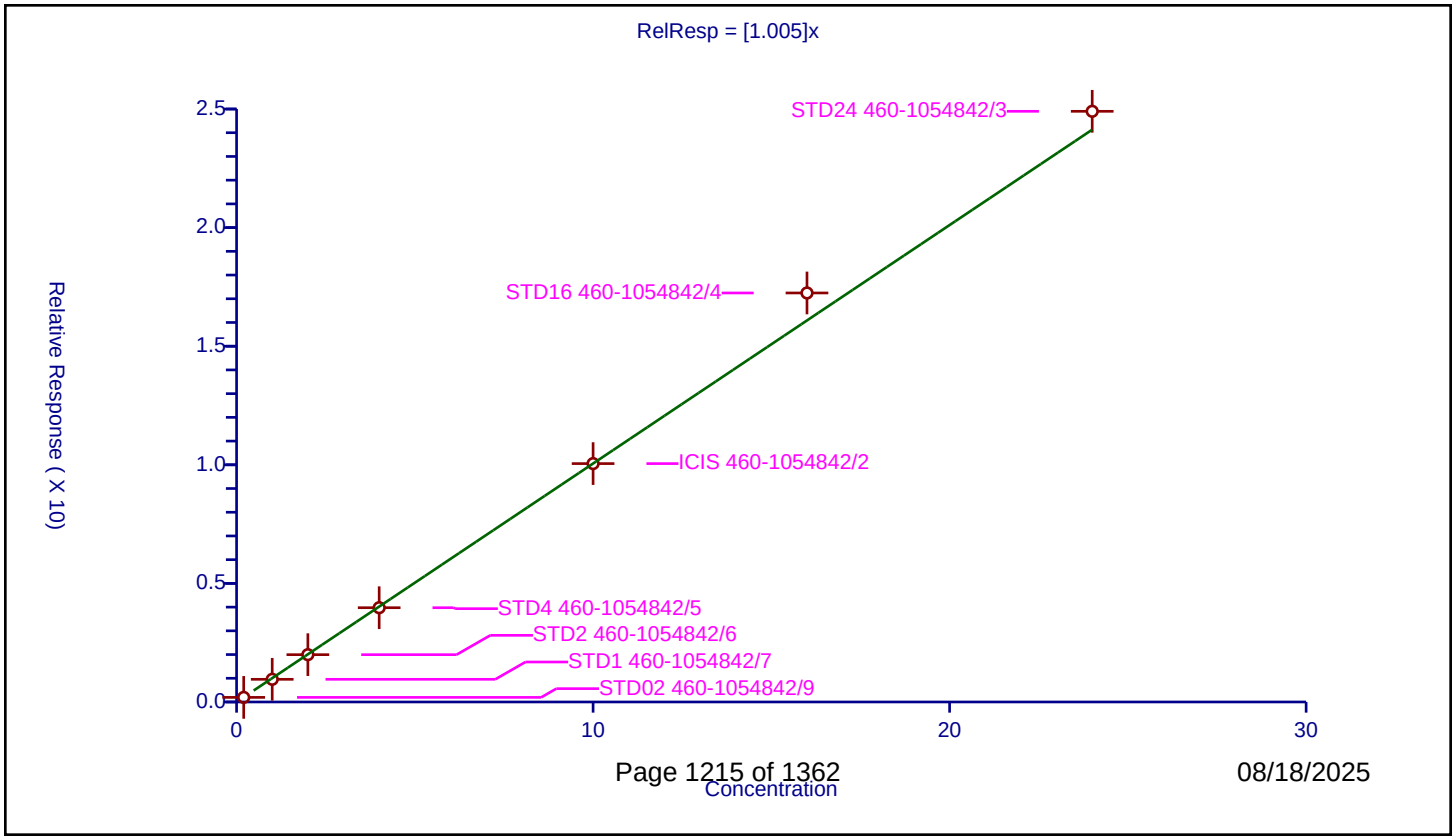
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.005 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.193936 | 8.0 | 1079615.0 | 0.969679 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.956219 | 8.0 | 1036039.0 | 0.956219 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.995413 | 8.0 | 1038137.0 | 0.997706 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 3.974397 | 8.0 | 997372.0 | 0.993599 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 10.050779 | 8.0 | 949606.0 | 1.005078 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 17.244897 | 8.0 | 887887.0 | 1.077806 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 24.90328 | 8.0 | 827535.0 | 1.037637 | Y |



## Calibration / Benzidine

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

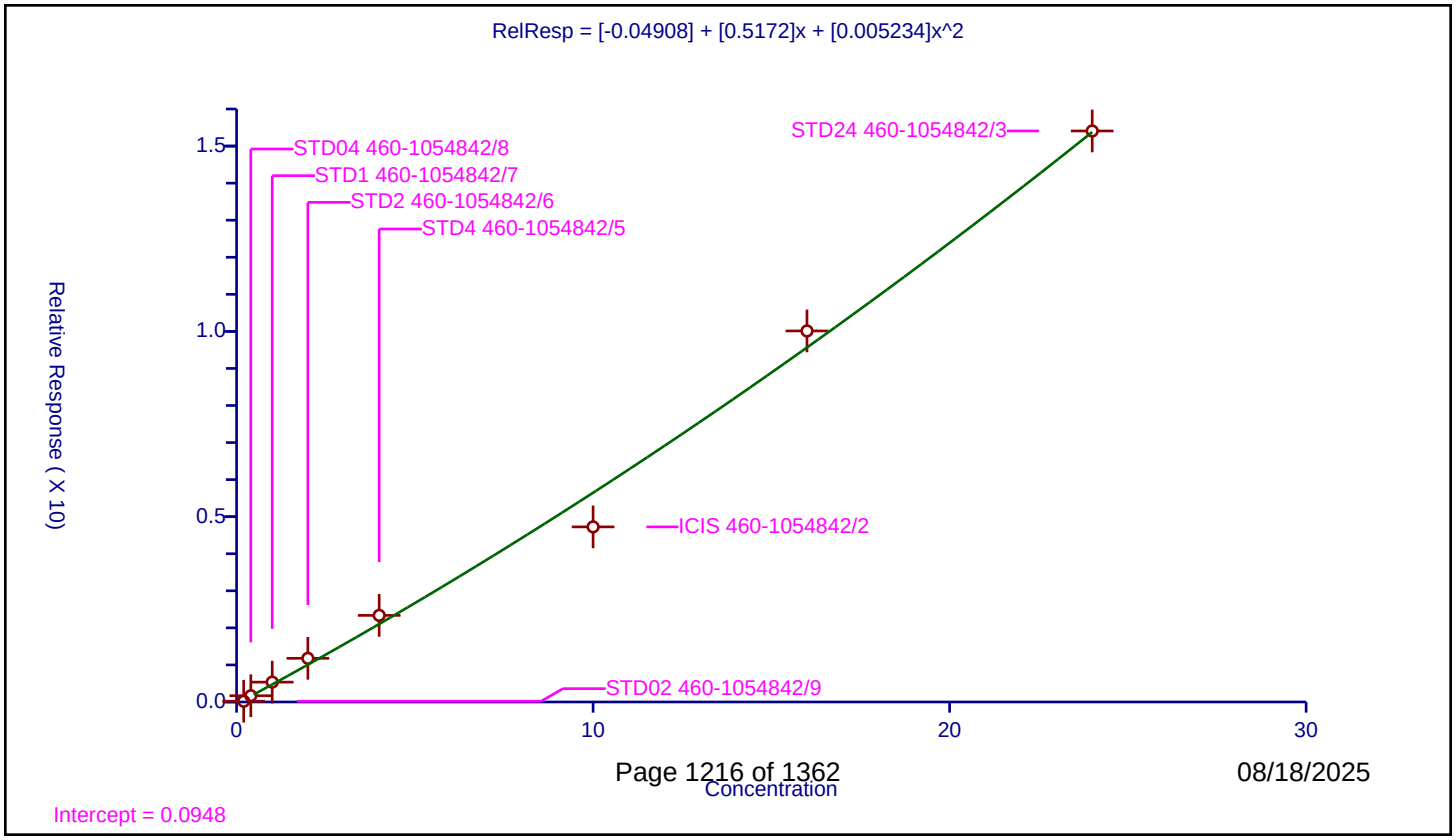
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.04908 |
| **Slope:** | 0.5172 |
| **Second Order:** | 0.005234 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.020704 | 8.0 | 1079615.0 | 0.103518 | Y |
| 2 | STD04 460-1054842/8 | 0.4 | 0.168803 | 8.0 | 1069647.0 | 0.422008 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.535578 | 8.0 | 1036039.0 | 0.535578 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 1.17855 | 8.0 | 1038137.0 | 0.589275 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 2.336645 | 8.0 | 997372.0 | 0.584161 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 4.724764 | 8.0 | 949606.0 | 0.472476 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 10.011824 | 8.0 | 887887.0 | 0.625739 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 15.408122 | 8.0 | 827535.0 | 0.642005 | Y |



## Calibration / Pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

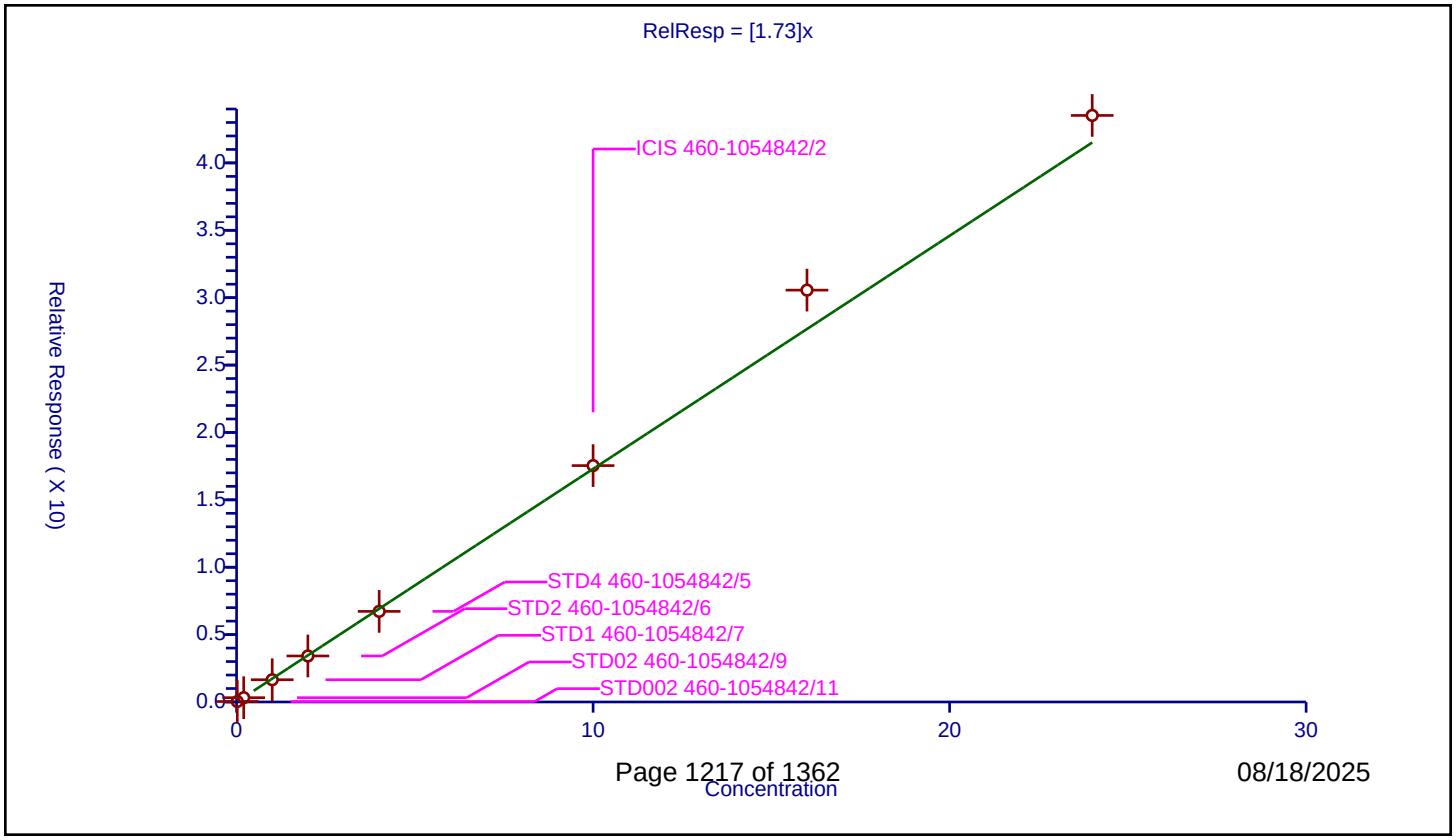
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.73 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.034516 | 8.0 | 646428.0 | 1.725792 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.319077 | 8.0 | 664140.0 | 1.595387 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 1.650501 | 8.0 | 636694.0 | 1.650501 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 3.414835 | 8.0 | 619326.0 | 1.707417 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 6.722762 | 8.0 | 613787.0 | 1.680691 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 17.540638 | 8.0 | 555941.0 | 1.754064 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 30.561204 | 8.0 | 506390.0 | 1.910075 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 43.523398 | 8.0 | 478697.0 | 1.813475 | Y |



## Calibration / Bisphenol-A

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

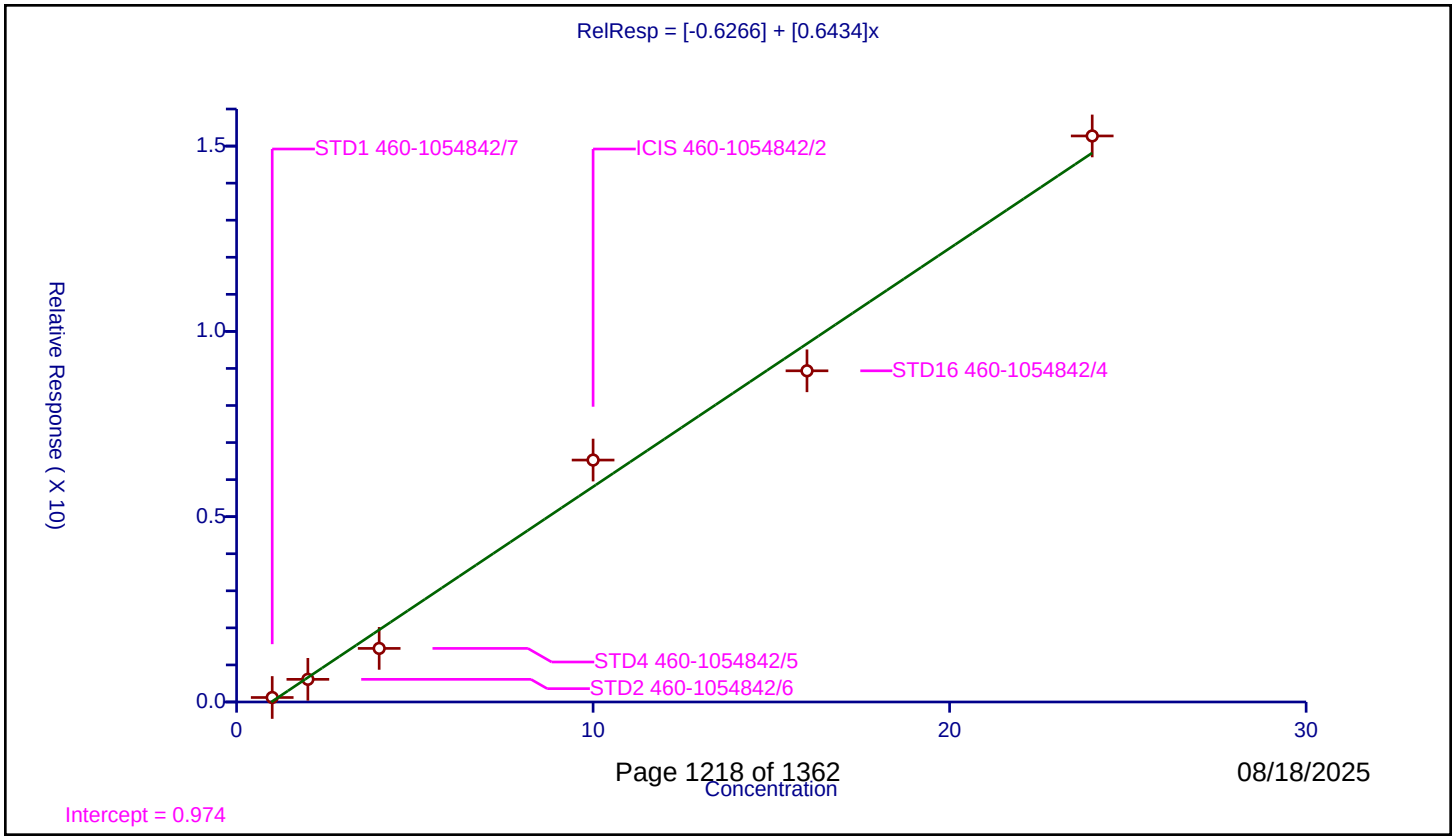
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.6266 |
| **Slope:** | 0.6434 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1054842/7 | 1.0 | 0.121163 | 8.0 | 636694.0 | 0.121163 | Y |
| 2 | STD2 460-1054842/6 | 2.0 | 0.611478 | 8.0 | 619326.0 | 0.305739 | Y |
| 3 | STD4 460-1054842/5 | 4.0 | 1.445844 | 8.0 | 613787.0 | 0.361461 | Y |
| 4 | ICIS 460-1054842/2 | 10.0 | 6.527671 | 8.0 | 555941.0 | 0.652767 | Y |
| 5 | STD16 460-1054842/4 | 16.0 | 8.936116 | 8.0 | 506390.0 | 0.558507 | Y |
| 6 | STD24 460-1054842/3 | 24.0 | 15.273194 | 8.0 | 478697.0 | 0.636383 | Y |



## Calibration / Terphenyl-d14

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

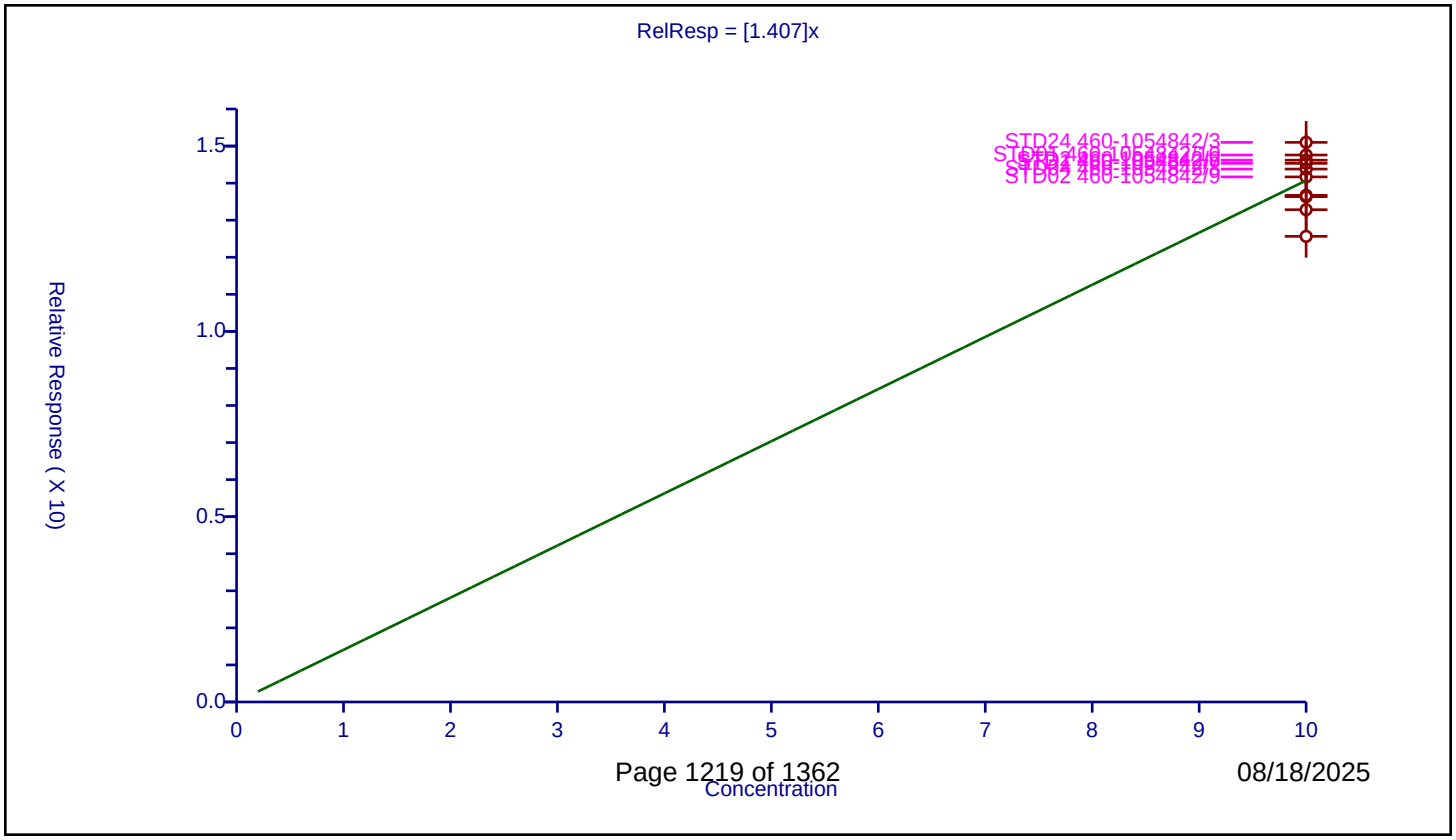
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.407 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1054842/2 | 10.0 | 12.564211 | 8.0 | 555941.0 | 1.256421 | Y |
| 2 | STD24 460-1054842/3 | 10.0 | 15.09989 | 8.0 | 478697.0 | 1.509989 | Y |
| 3 | STD16 460-1054842/4 | 10.0 | 13.283232 | 8.0 | 506390.0 | 1.328323 | Y |
| 4 | STD4 460-1054842/5 | 10.0 | 13.635114 | 8.0 | 613787.0 | 1.363511 | Y |
| 5 | STD2 460-1054842/6 | 10.0 | 14.61886 | 8.0 | 619326.0 | 1.461886 | Y |
| 6 | STD1 460-1054842/7 | 10.0 | 14.533248 | 8.0 | 636694.0 | 1.453325 | Y |
| 7 | STD04 460-1054842/8 | 10.0 | 14.379527 | 8.0 | 656243.0 | 1.437953 | Y |
| 8 | STD02 460-1054842/9 | 10.0 | 14.168157 | 8.0 | 664140.0 | 1.416816 | Y |
| 9 | STD01 460-1054842/10 | 10.0 | 14.759141 | 8.0 | 662193.0 | 1.475914 | Y |
| 10 | STD002 460-1054842/11 | 10.0 | 13.670336 | 8.0 | 646428.0 | 1.367034 | Y |






08/18/2025

## Calibration / Butyl benzyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

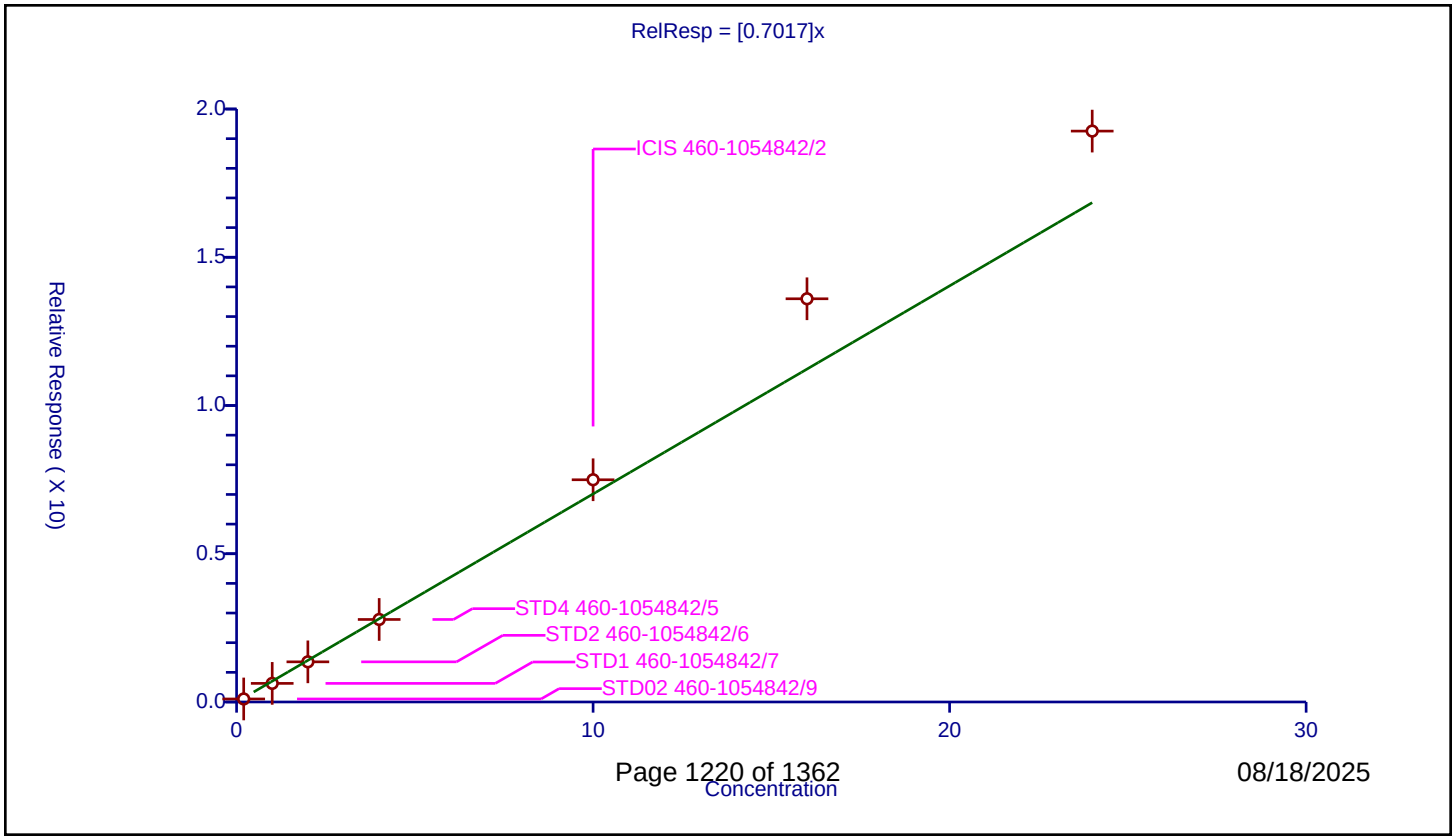
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7017 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.101966 | 8.0 | 664140.0 | 0.509832 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.62763 | 8.0 | 636694.0 | 0.62763 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 1.354311 | 8.0 | 619326.0 | 0.677155 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 2.783102 | 8.0 | 613787.0 | 0.695776 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 7.495472 | 8.0 | 555941.0 | 0.749547 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 13.599637 | 8.0 | 506390.0 | 0.849977 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 19.25542 | 8.0 | 478697.0 | 0.802309 | Y |



## Calibration / 2,3,7,8-TCDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

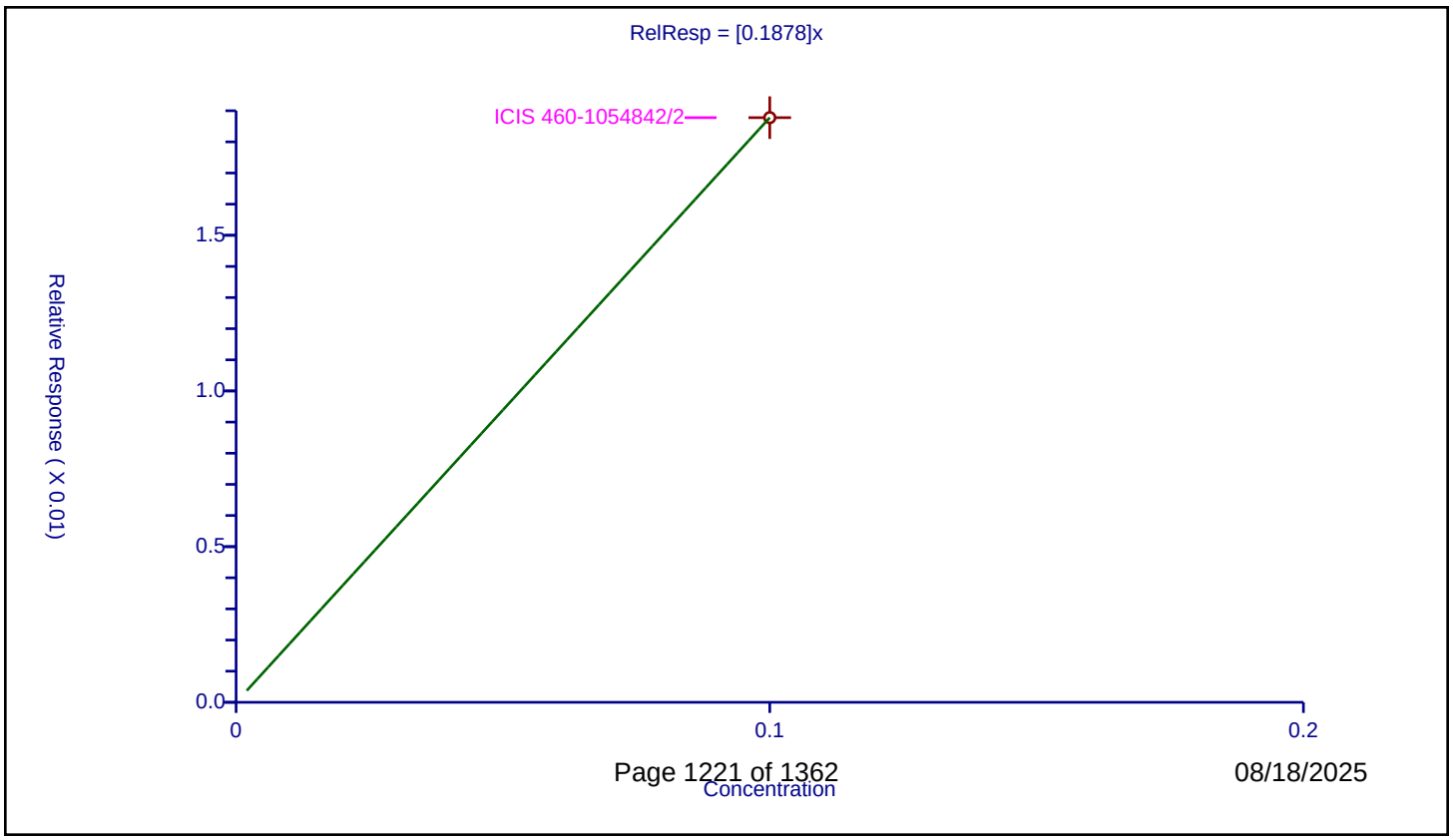
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1878 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1054842/2 | 0.1 | 0.018779 | 8.0 | 555941.0 | 0.18779 | Y |



## Calibration / Carbamazepine

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

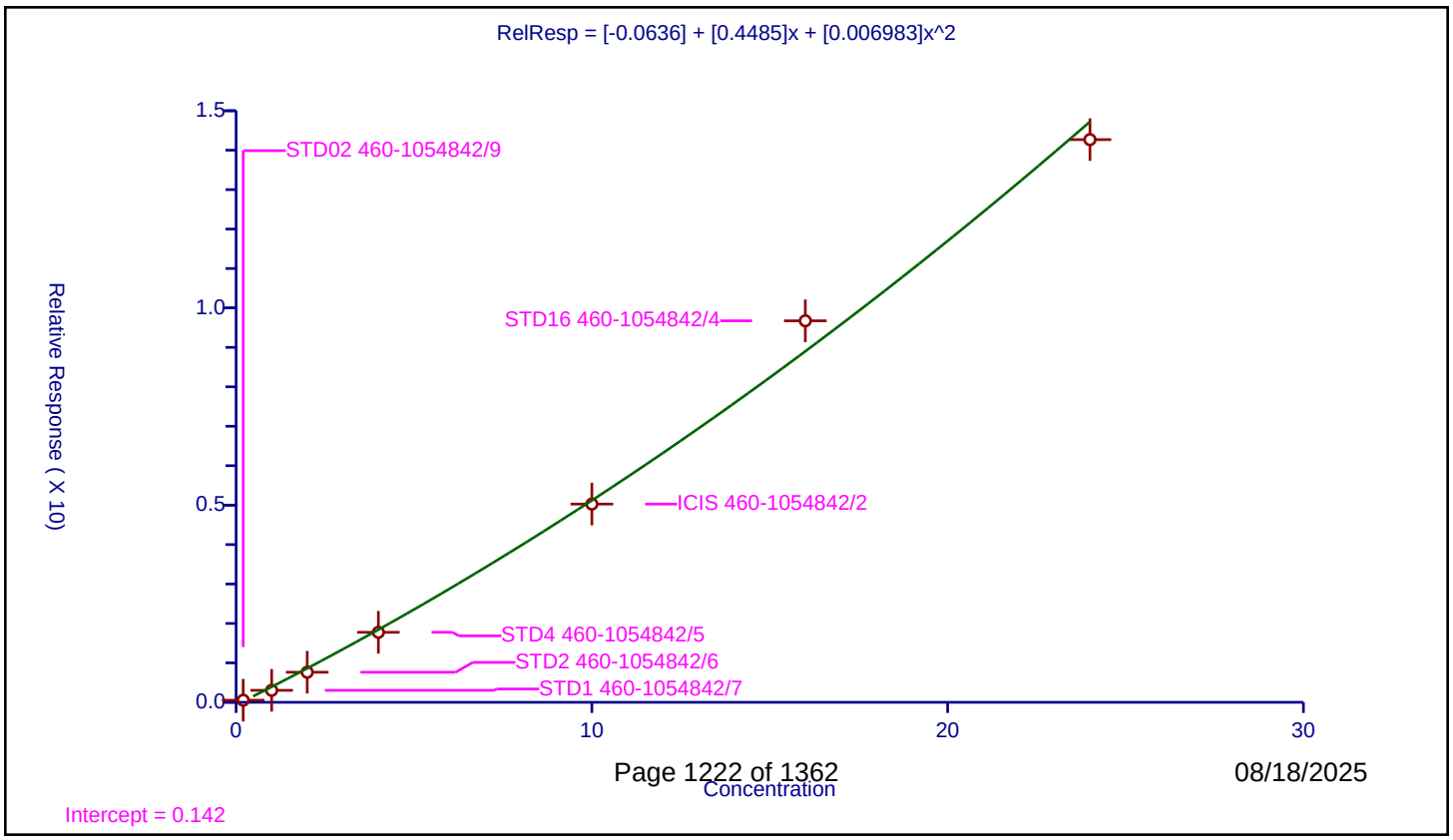
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.0636 |
| **Slope:** | 0.4485 |
| **Second Order:** | 0.006983 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.053157 | 8.0 | 664140.0 | 0.265787 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 0.303882 | 8.0 | 636694.0 | 0.303882 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 0.762506 | 8.0 | 619326.0 | 0.381253 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 1.775287 | 8.0 | 613787.0 | 0.443822 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 5.027224 | 8.0 | 555941.0 | 0.502722 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 9.673603 | 8.0 | 506390.0 | 0.6046 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 14.268032 | 8.0 | 478697.0 | 0.594501 | Y |



## Calibration / 3,3'-Dichlorobenzidine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

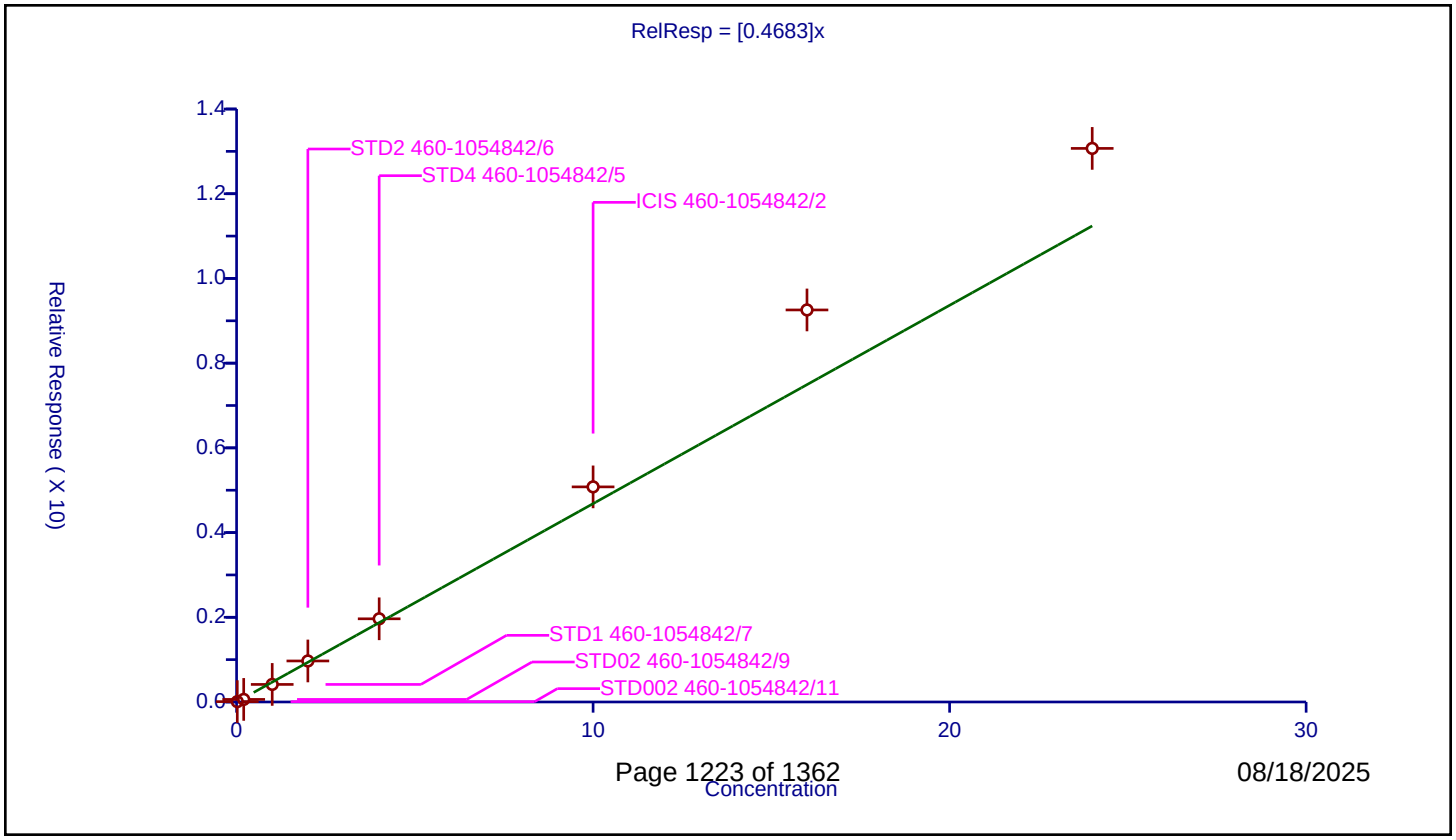
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4683 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.008428 | 8.0 | 646428.0 | 0.421393 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.060782 | 8.0 | 664140.0 | 0.303912 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.414705 | 8.0 | 636694.0 | 0.414705 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 0.96864 | 8.0 | 619326.0 | 0.48432 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 1.964108 | 8.0 | 613787.0 | 0.491027 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 5.078582 | 8.0 | 555941.0 | 0.507858 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 9.256154 | 8.0 | 506390.0 | 0.57851 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 13.069929 | 8.0 | 478697.0 | 0.54458 | Y |



## Calibration / Benzo[a]anthracene

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

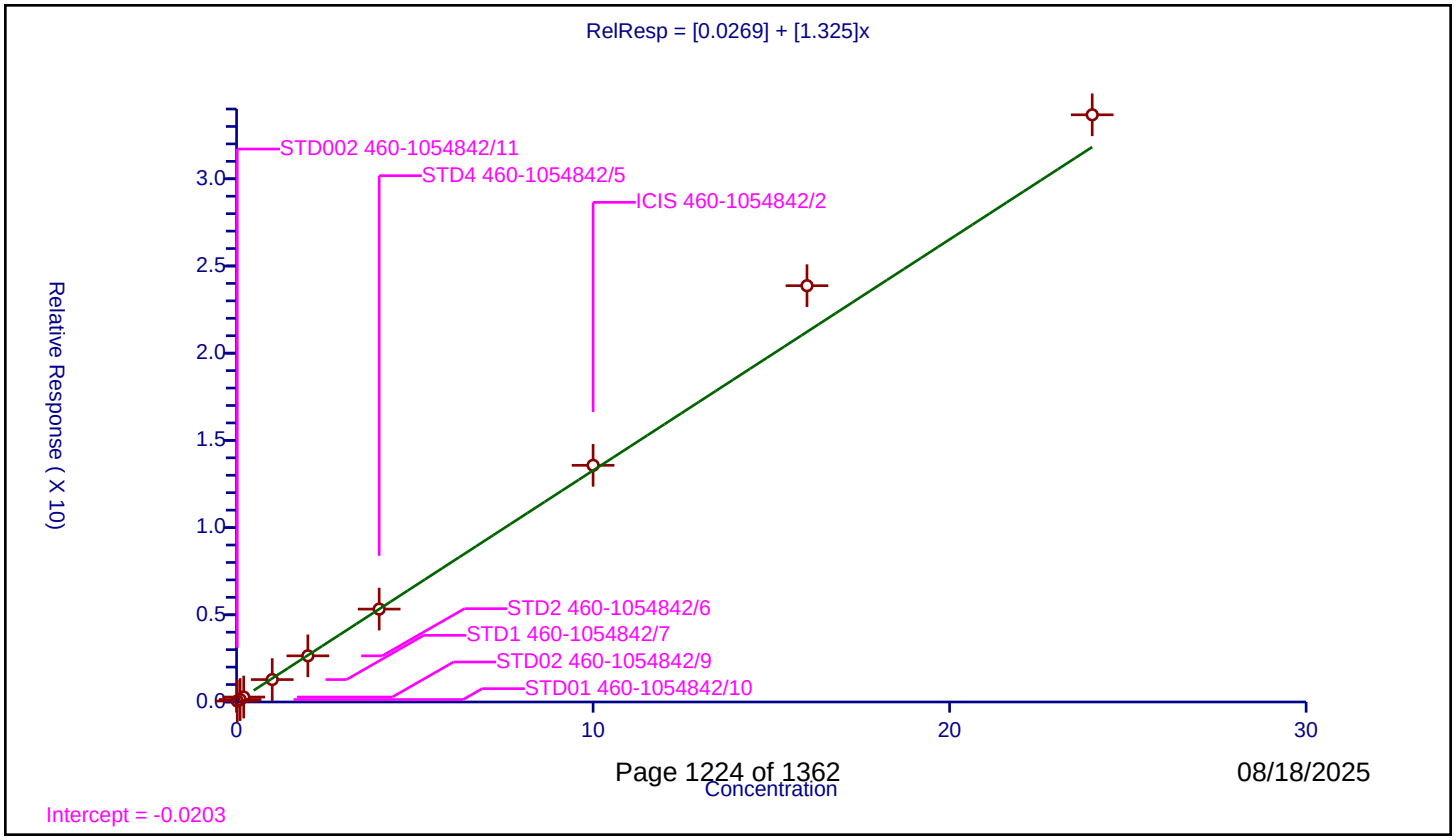
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.0269 |
| **Slope:** | 1.325 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.054267 | 8.0 | 646428.0 | 2.713373 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.140116 | 8.0 | 662193.0 | 1.401163 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.283603 | 8.0 | 664140.0 | 1.418014 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 1.284837 | 8.0 | 636694.0 | 1.284837 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.645818 | 8.0 | 619326.0 | 1.322909 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 5.326695 | 8.0 | 613787.0 | 1.331674 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 13.570591 | 8.0 | 555941.0 | 1.357059 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 23.87014 | 8.0 | 506390.0 | 1.491884 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 33.668797 | 8.0 | 478697.0 | 1.402867 | Y |



## Calibration / Chrysene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

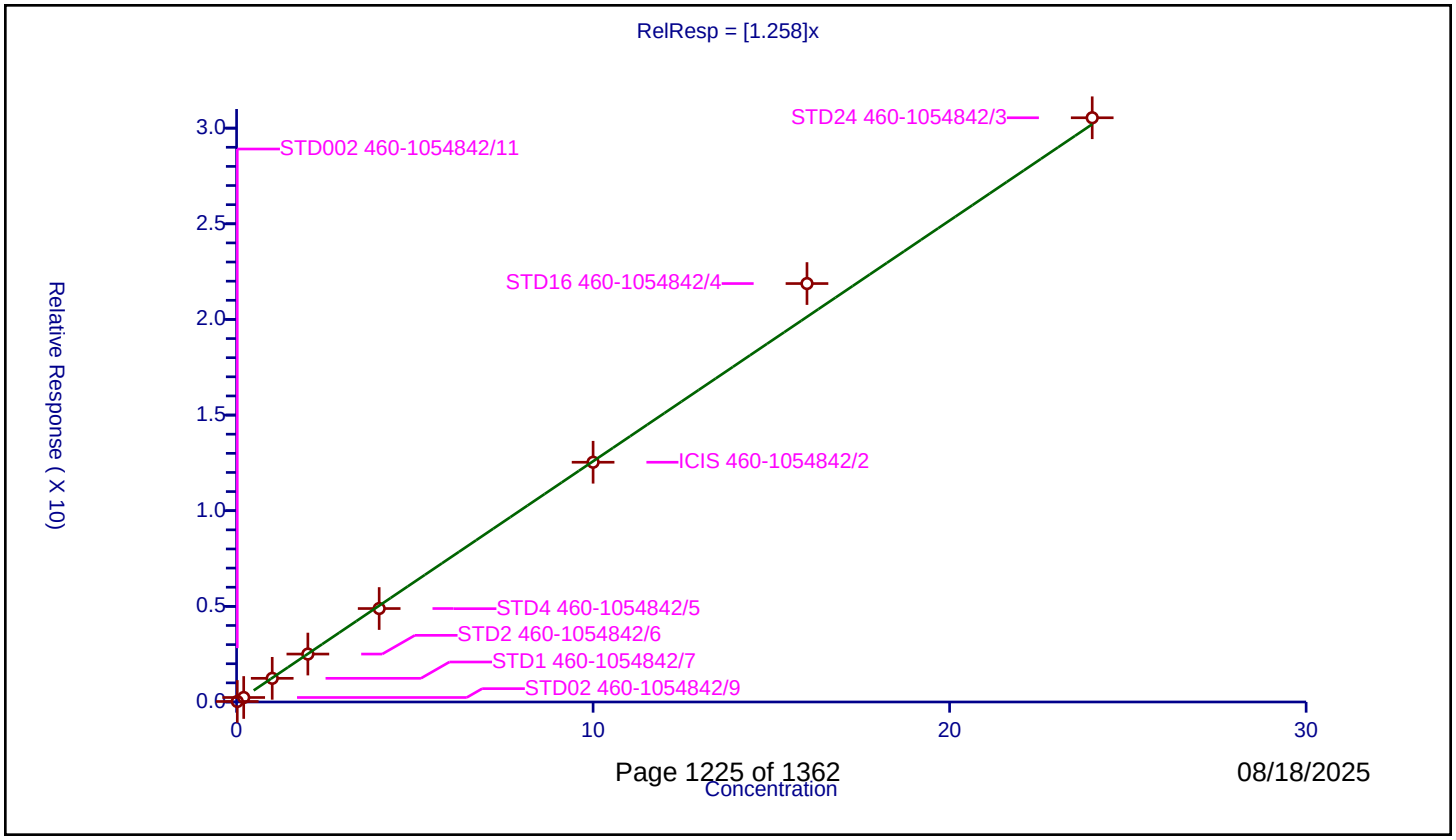
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.258 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.025803 | 8.0 | 646428.0 | 1.290167 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.234553 | 8.0 | 664140.0 | 1.172765 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 1.237467 | 8.0 | 636694.0 | 1.237467 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 2.505769 | 8.0 | 619326.0 | 1.252885 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 4.885017 | 8.0 | 613787.0 | 1.221254 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 12.534136 | 8.0 | 555941.0 | 1.253414 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 21.875392 | 8.0 | 506390.0 | 1.367212 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 30.543396 | 8.0 | 478697.0 | 1.272641 | Y |






08/18/2025

## Calibration / Bis(2-ethylhexyl) phthalate

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

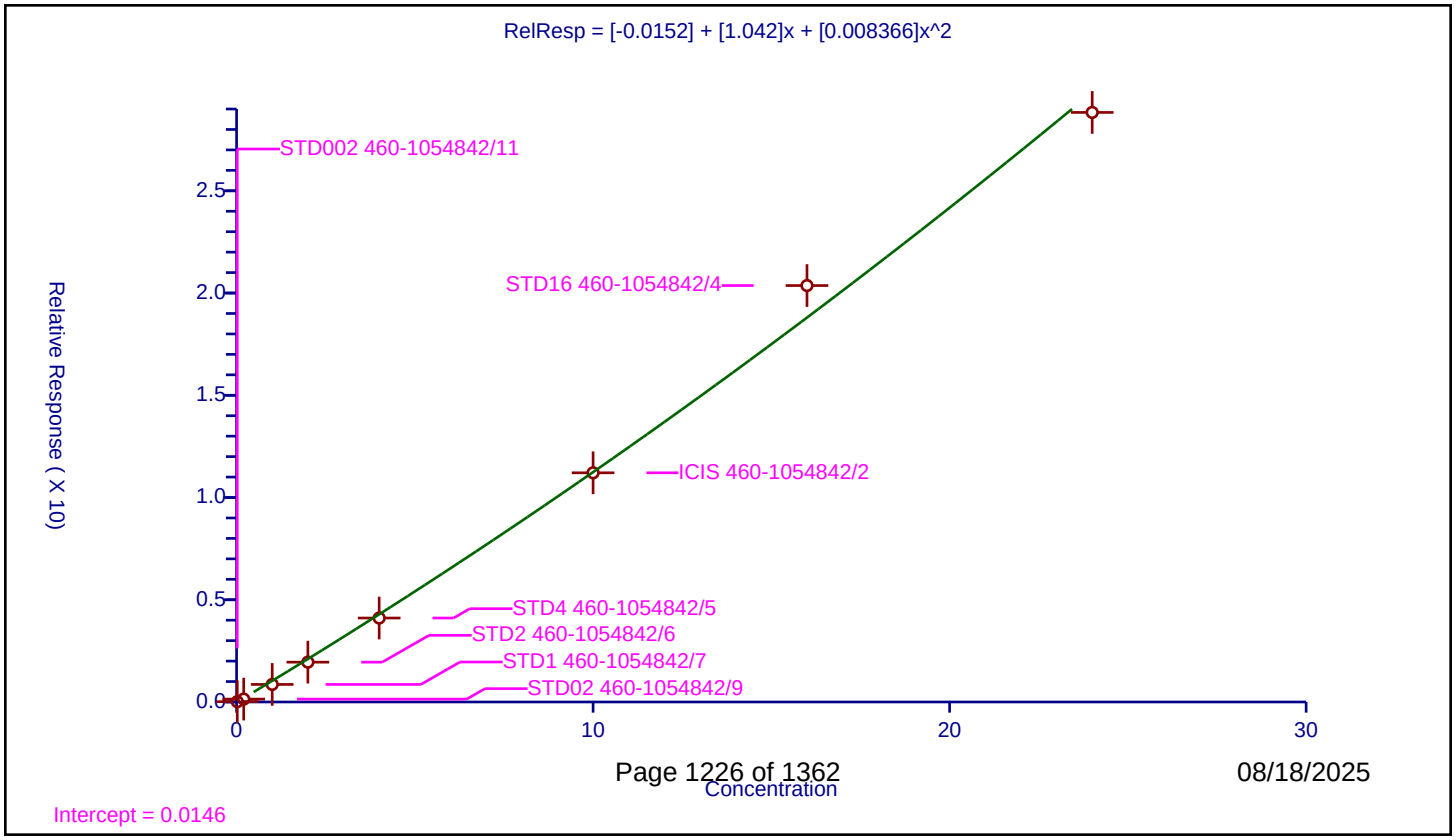
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.0152 |
| **Slope:** | 1.042 |
| **Second Order:** | 0.008366 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 26.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.015742 | 8.0 | 646428.0 | 0.787095 | Y |
| 2 | STD02 460-1054842/9 | 0.2 | 0.141621 | 8.0 | 664140.0 | 0.708104 | Y |
| 3 | STD1 460-1054842/7 | 1.0 | 0.858748 | 8.0 | 636694.0 | 0.858748 | Y |
| 4 | STD2 460-1054842/6 | 2.0 | 1.947898 | 8.0 | 619326.0 | 0.973949 | Y |
| 5 | STD4 460-1054842/5 | 4.0 | 4.106297 | 8.0 | 613787.0 | 1.026574 | Y |
| 6 | ICIS 460-1054842/2 | 10.0 | 11.208513 | 8.0 | 555941.0 | 1.120851 | Y |
| 7 | STD16 460-1054842/4 | 16.0 | 20.366895 | 8.0 | 506390.0 | 1.272931 | Y |
| 8 | STD24 460-1054842/3 | 24.0 | 28.833421 | 8.0 | 478697.0 | 1.201393 | Y |



## Calibration / Di-n-octyl phthalate

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

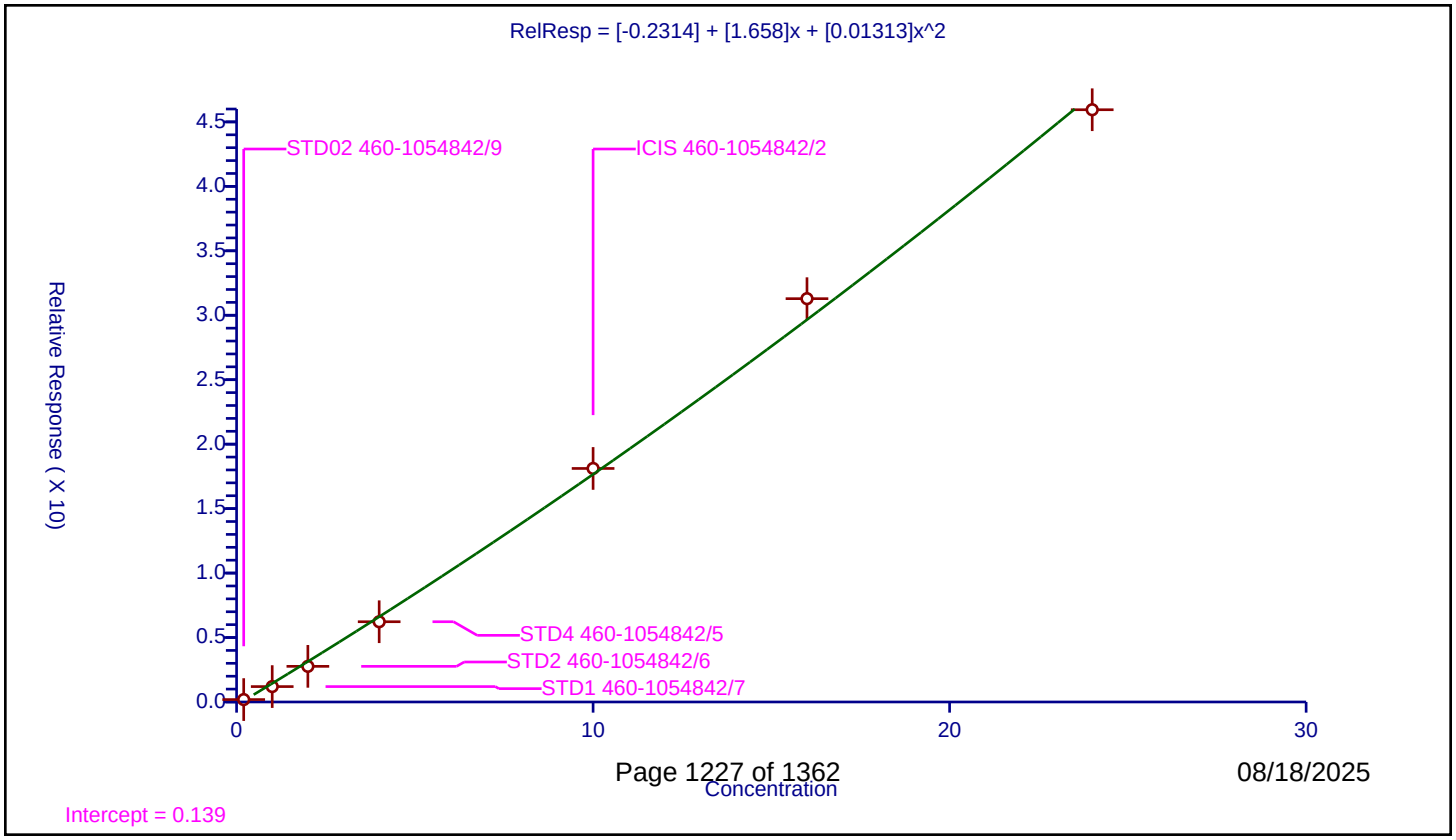
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.2314 |
| **Slope:** | 1.658 |
| **Second Order:** | 0.01313 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1054842/9 | 0.2 | 0.186181 | 8.0 | 623866.0 | 0.930905 | Y |
| 2 | STD1 460-1054842/7 | 1.0 | 1.195515 | 8.0 | 597754.0 | 1.195515 | Y |
| 3 | STD2 460-1054842/6 | 2.0 | 2.765009 | 8.0 | 592571.0 | 1.382504 | Y |
| 4 | STD4 460-1054842/5 | 4.0 | 6.22527 | 8.0 | 580469.0 | 1.556317 | Y |
| 5 | ICIS 460-1054842/2 | 10.0 | 18.116372 | 8.0 | 511997.0 | 1.811637 | Y |
| 6 | STD16 460-1054842/4 | 16.0 | 31.288136 | 8.0 | 495196.0 | 1.955509 | Y |
| 7 | STD24 460-1054842/3 | 24.0 | 45.943923 | 8.0 | 458800.0 | 1.91433 | Y |



## Calibration / Benzo[b]fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

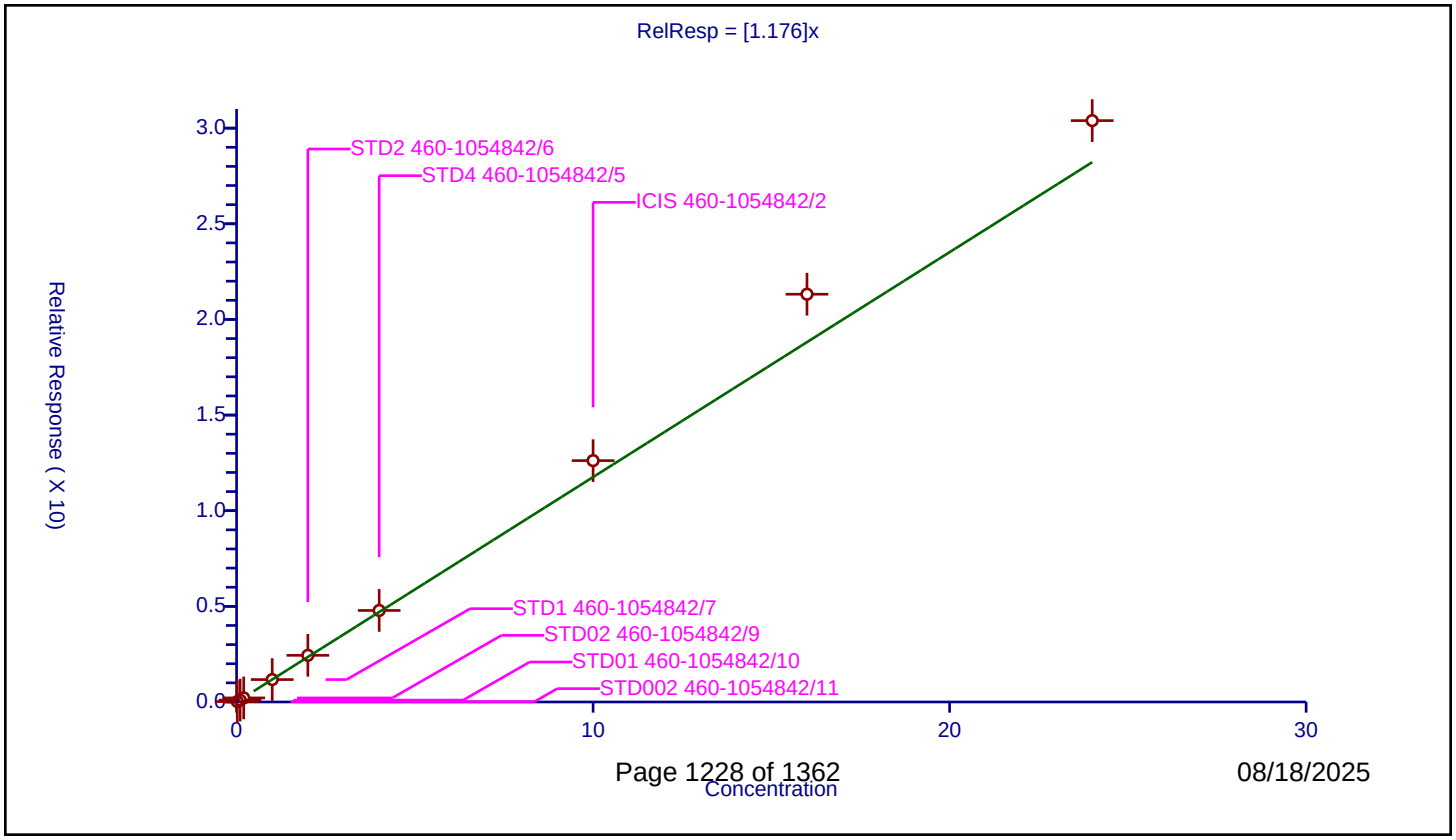
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.176 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.021807 | 8.0 | 610827.0 | 1.090325 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.098363 | 8.0 | 624380.0 | 0.983632 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.212199 | 8.0 | 623866.0 | 1.060997 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 1.171144 | 8.0 | 597754.0 | 1.171144 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.43831 | 8.0 | 592571.0 | 1.219155 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 4.78471 | 8.0 | 580469.0 | 1.196178 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 12.618136 | 8.0 | 511997.0 | 1.261814 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 21.318347 | 8.0 | 495196.0 | 1.332397 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 30.393269 | 8.0 | 458800.0 | 1.266386 | Y |



## Calibration / Benzo[k]fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

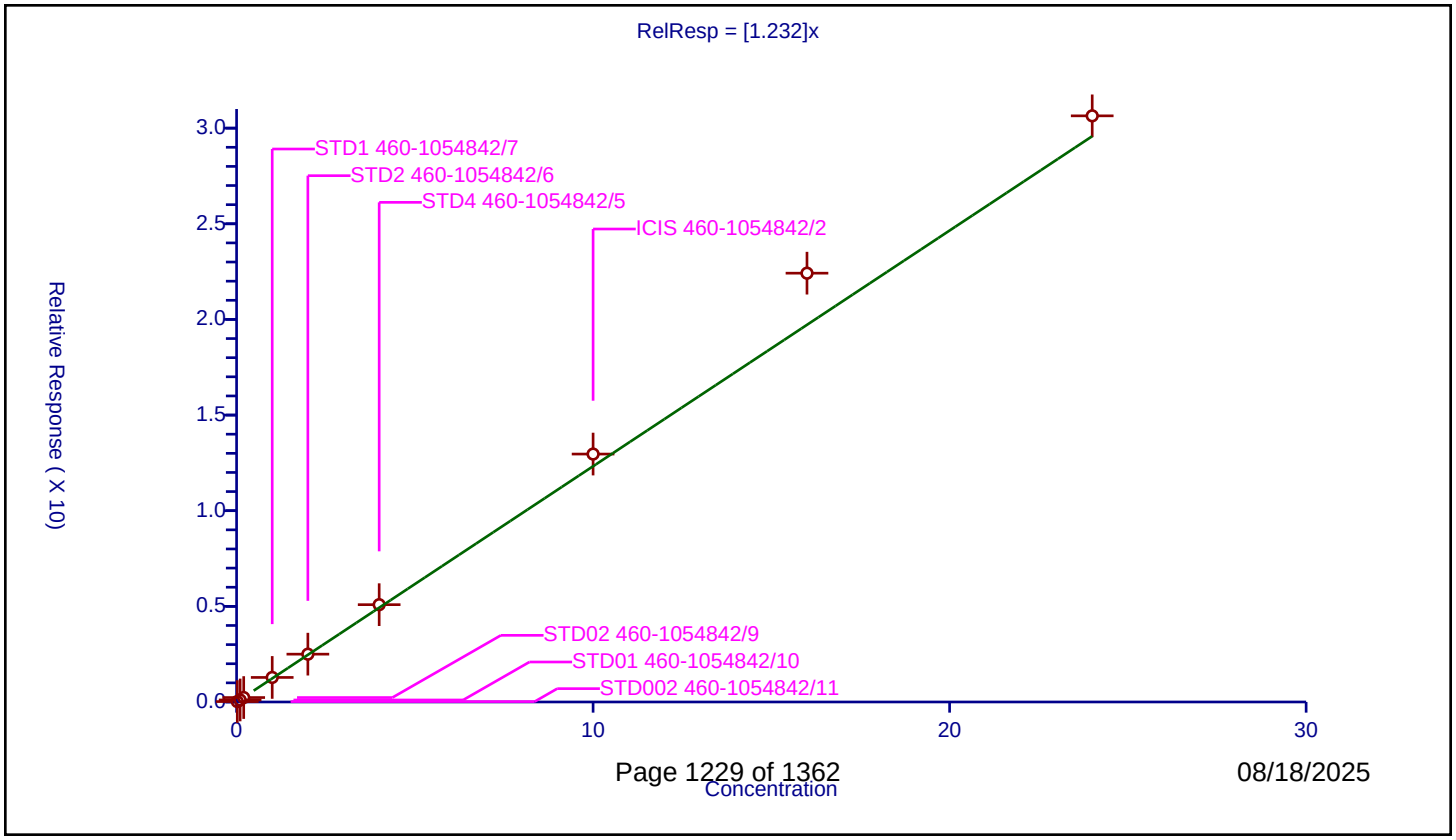
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.232 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.022108 | 8.0 | 610827.0 | 1.105387 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.10477 | 8.0 | 624380.0 | 1.047695 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.231716 | 8.0 | 623866.0 | 1.158582 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 1.283525 | 8.0 | 597754.0 | 1.283525 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.500116 | 8.0 | 592571.0 | 1.250058 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 5.087596 | 8.0 | 580469.0 | 1.271899 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 12.96206 | 8.0 | 511997.0 | 1.296206 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 22.417257 | 8.0 | 495196.0 | 1.401079 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 30.643121 | 8.0 | 458800.0 | 1.276797 | Y |



## Calibration / Benzo[a]pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

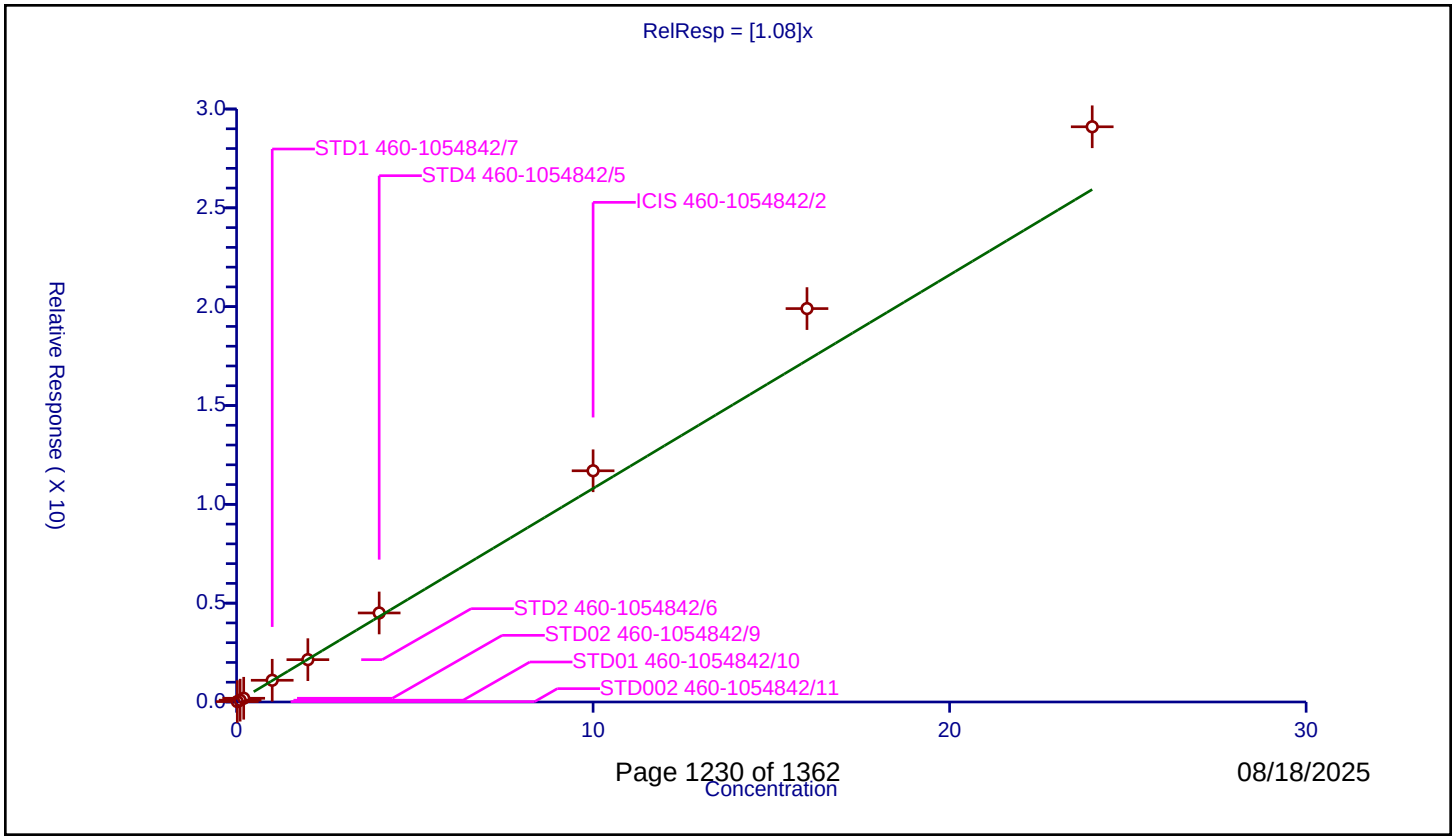
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.08 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.019004 | 8.0 | 610827.0 | 0.950187 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.091009 | 8.0 | 624380.0 | 0.910087 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.188156 | 8.0 | 623866.0 | 0.940779 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 1.099007 | 8.0 | 597754.0 | 1.099007 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.141286 | 8.0 | 592571.0 | 1.070643 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 4.503641 | 8.0 | 580469.0 | 1.12591 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 11.698069 | 8.0 | 511997.0 | 1.169807 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 19.903263 | 8.0 | 495196.0 | 1.243954 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 29.101116 | 8.0 | 458800.0 | 1.212546 | Y |



## Calibration / Indeno[1,2,3-cd]pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

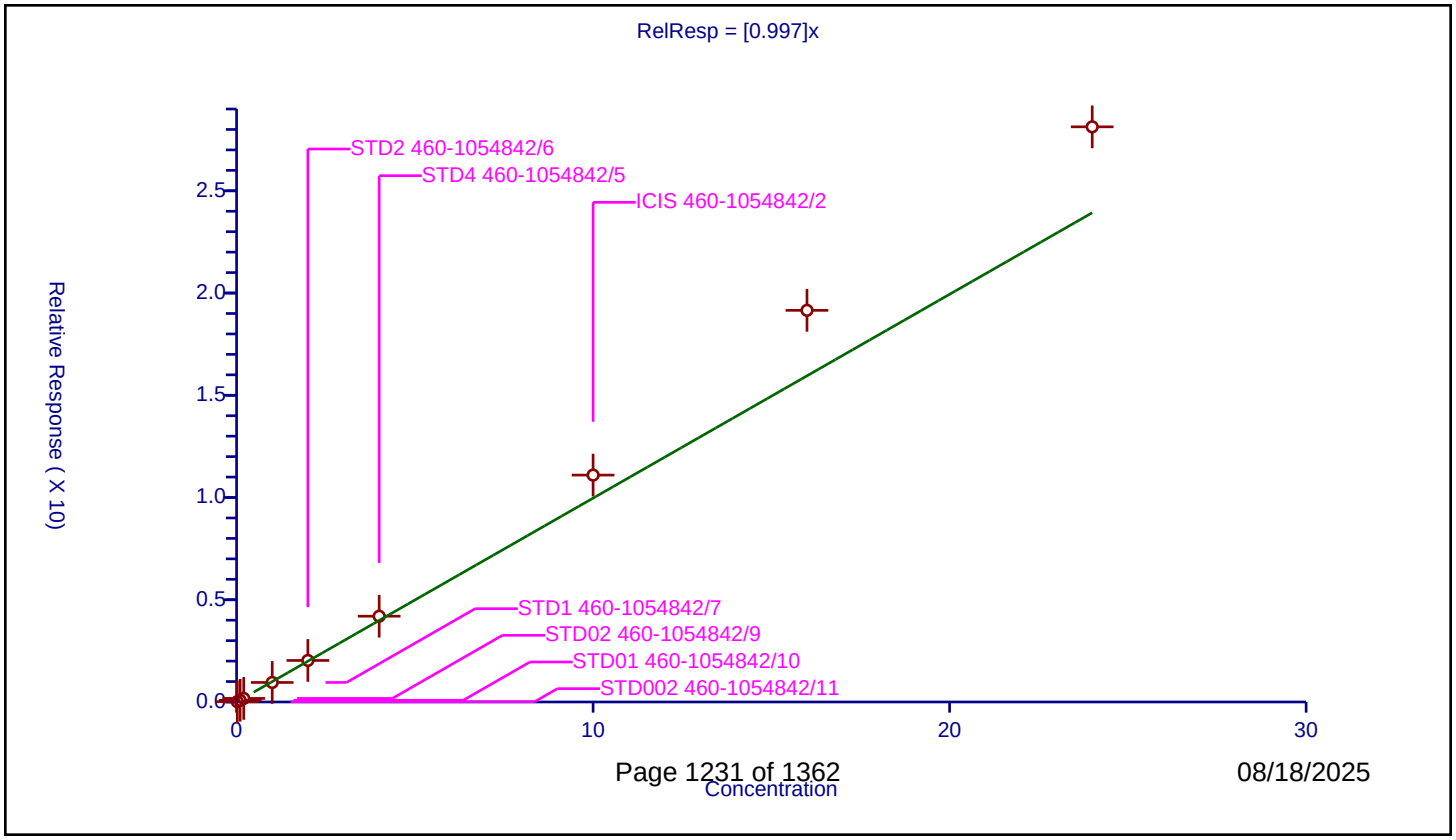
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.997 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.015441 | 8.0 | 610827.0 | 0.772068 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.082911 | 8.0 | 624380.0 | 0.82911 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.174537 | 8.0 | 623866.0 | 0.872687 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.955564 | 8.0 | 597754.0 | 0.955564 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.031311 | 8.0 | 592571.0 | 1.015656 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 4.195035 | 8.0 | 580469.0 | 1.048759 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 11.096393 | 8.0 | 511997.0 | 1.109639 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 19.153725 | 8.0 | 495196.0 | 1.197108 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 28.128178 | 8.0 | 458800.0 | 1.172007 | Y |



## Calibration / Dibenz(a,h)anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

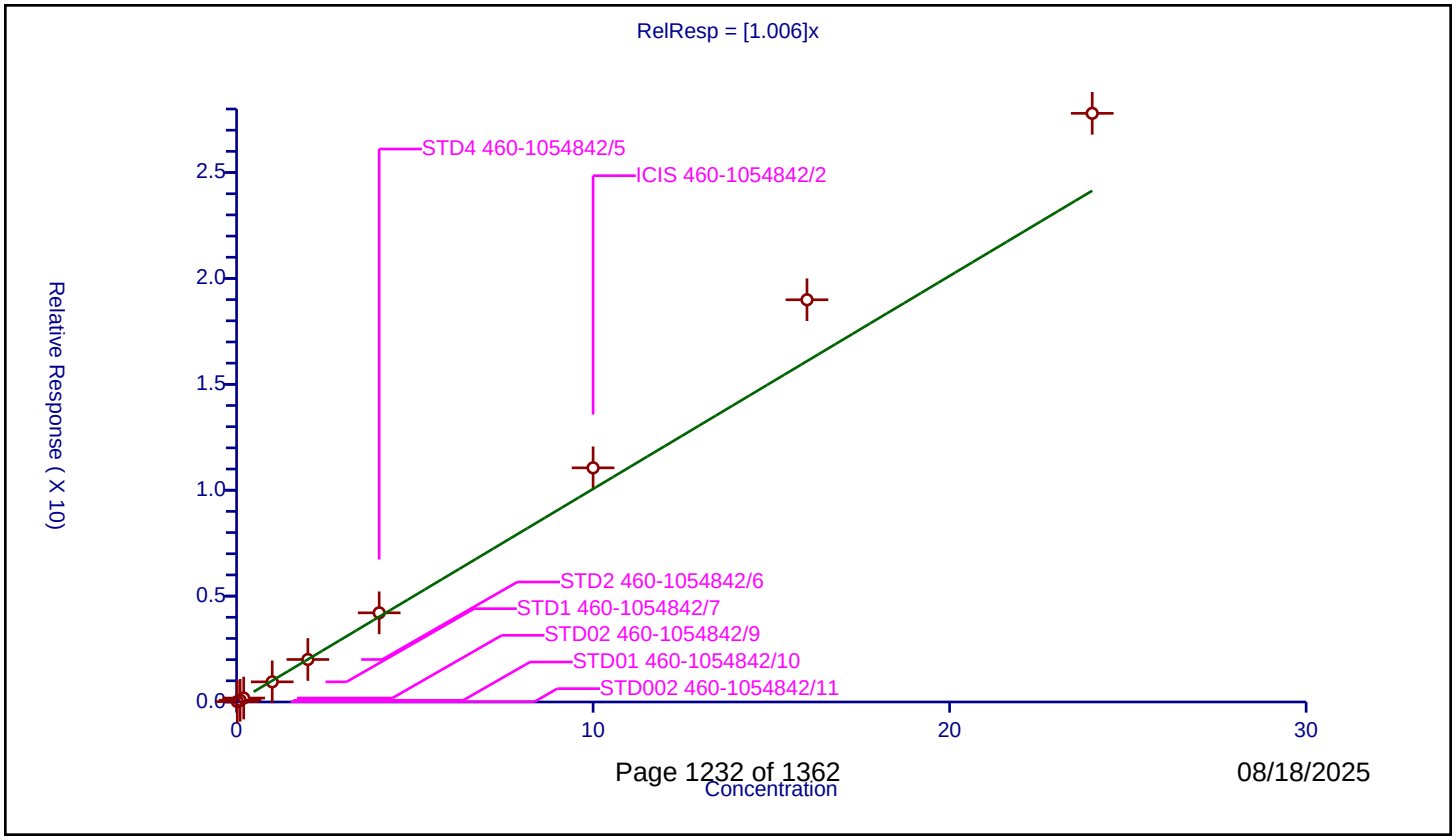
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.006 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.017615 | 8.0 | 610827.0 | 0.880773 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.07858 | 8.0 | 624380.0 | 0.785804 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.185719 | 8.0 | 623866.0 | 0.928597 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.951803 | 8.0 | 597754.0 | 0.951803 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 2.005903 | 8.0 | 592571.0 | 1.002952 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 4.210457 | 8.0 | 580469.0 | 1.052614 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 11.056862 | 8.0 | 511997.0 | 1.105686 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 18.992641 | 8.0 | 495196.0 | 1.18704 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 27.795414 | 8.0 | 458800.0 | 1.158142 | Y |



## Calibration / Benzo[g,h,i]perylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

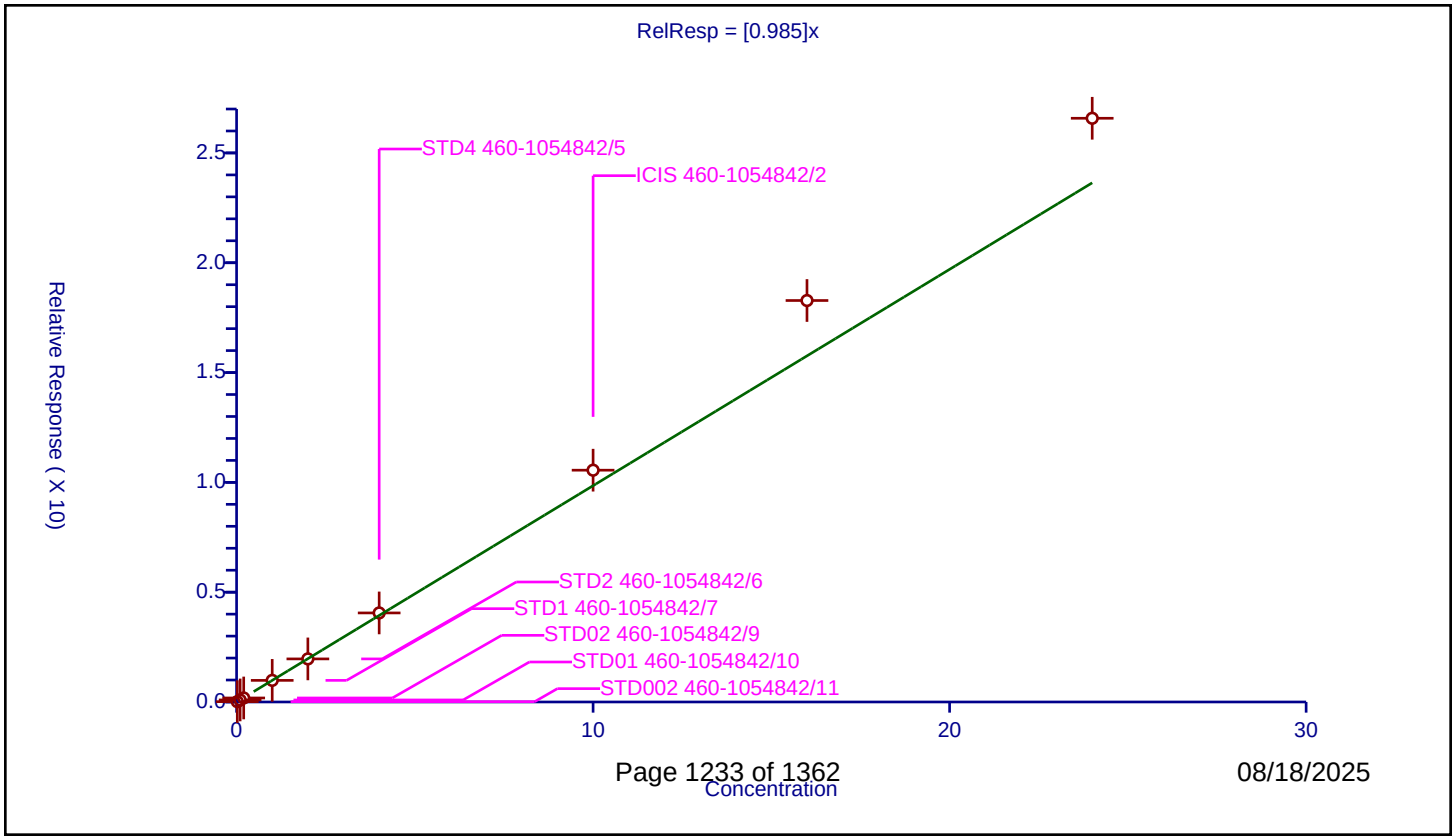
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.985 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD002 460-1054842/11 | 0.02 | 0.0148 | 8.0 | 610827.0 | 0.73998 | Y |
| 2 | STD01 460-1054842/10 | 0.1 | 0.092751 | 8.0 | 624380.0 | 0.927512 | Y |
| 3 | STD02 460-1054842/9 | 0.2 | 0.182565 | 8.0 | 623866.0 | 0.912824 | Y |
| 4 | STD1 460-1054842/7 | 1.0 | 0.984231 | 8.0 | 597754.0 | 0.984231 | Y |
| 5 | STD2 460-1054842/6 | 2.0 | 1.961824 | 8.0 | 592571.0 | 0.980912 | Y |
| 6 | STD4 460-1054842/5 | 4.0 | 4.05519 | 8.0 | 580469.0 | 1.013797 | Y |
| 7 | ICIS 460-1054842/2 | 10.0 | 10.553999 | 8.0 | 511997.0 | 1.0554 | Y |
| 8 | STD16 460-1054842/4 | 16.0 | 18.280067 | 8.0 | 495196.0 | 1.142504 | Y |
| 9 | STD24 460-1054842/3 | 24.0 | 26.578431 | 8.0 | 458800.0 | 1.107435 | Y |



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID (1): ICIS 460-1045243/2 Instrument ID (1): CBNAMS14

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 06/21/2025 10:22

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 12.15 | 41.80 |

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58880.d
Injection Date: 21-Jun-2025 10:22:16 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

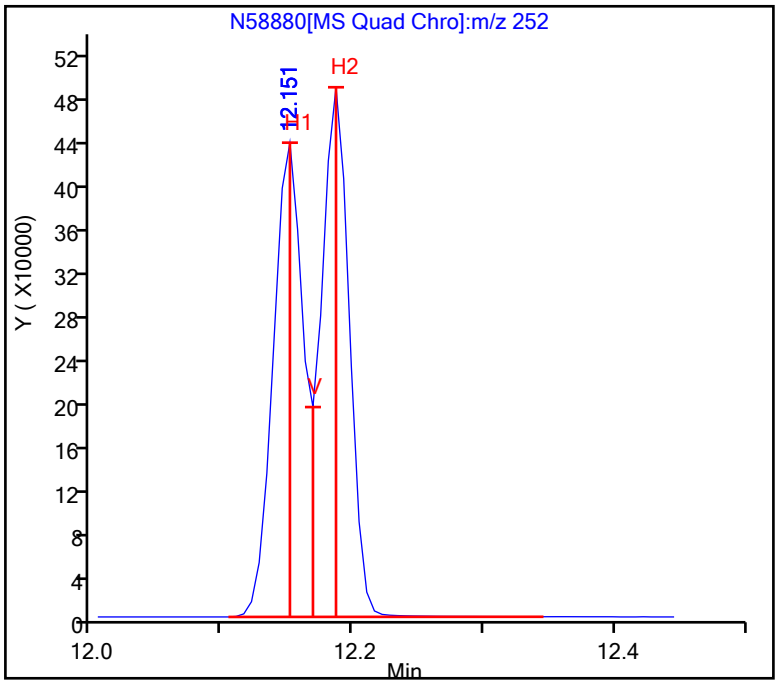
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 194432
H1( 106 Benzo[b]fluoranthen) = 439447
H2( 107 Benzo[k]fluoranthen) = 490795

Version D: %R = 41.8 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID (1): ICIS 460-1054842/2 Instrument ID (1): CBNAMS18

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 08/11/2025 08:22

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 12.79 | 17.00 |

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94217.D
Injection Date: 11-Aug-2025 08:22:30 Instrument ID: CBNAMS18
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

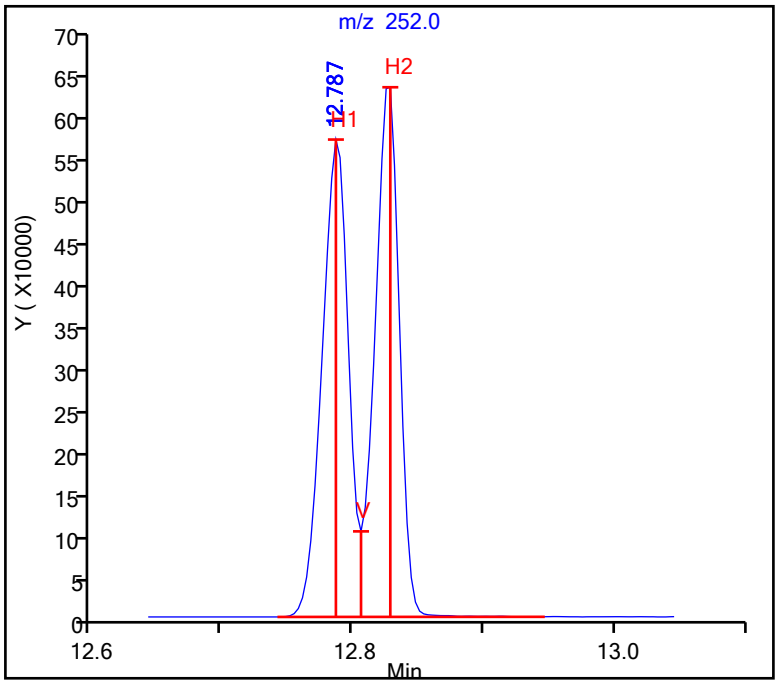
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 102134
H1( 107 Benzo[b]fluoranthen) = 570019
H2( 108 Benzo[k]fluoranthen) = 632455

Version D: %R = 17.0 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID (1): ICV 460-1054842/12 Instrument ID (1): CBNAMS18

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 08/11/2025 11:55

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 12.78 | 17.60 |

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94227.D
Injection Date: 11-Aug-2025 11:55:30 Instrument ID: CBNAMS18
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

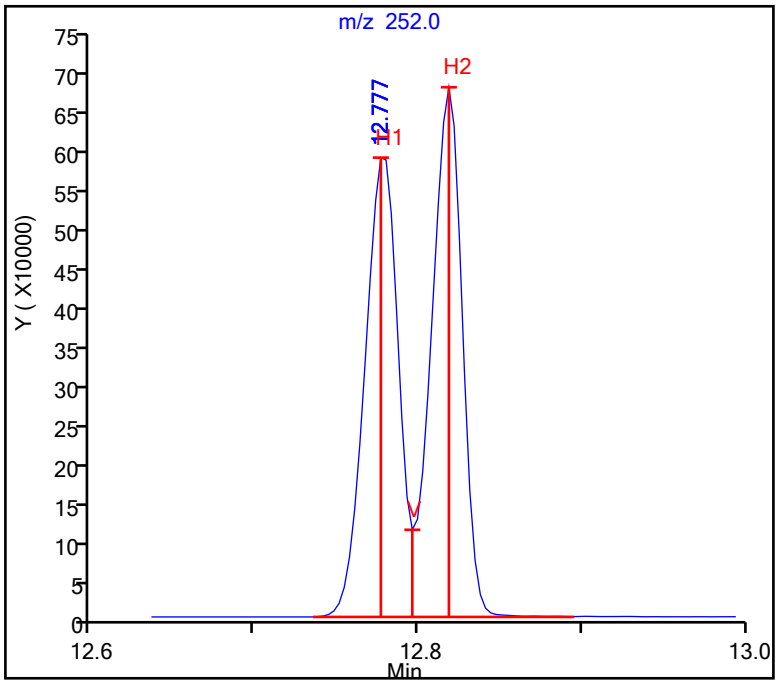
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 111328
H1( 107 Benzo[b]fluoranthen) = 586688
H2( 108 Benzo[k]fluoranthen) = 676608

Version D: %R = 17.6 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1055605/2  Instrument ID (1): CBNAMS14

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 08/14/2025 16:31

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 11.85 | 45.50 |

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59950.d
Injection Date: 14-Aug-2025 16:31:57 Instrument ID: CBNAMS14
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

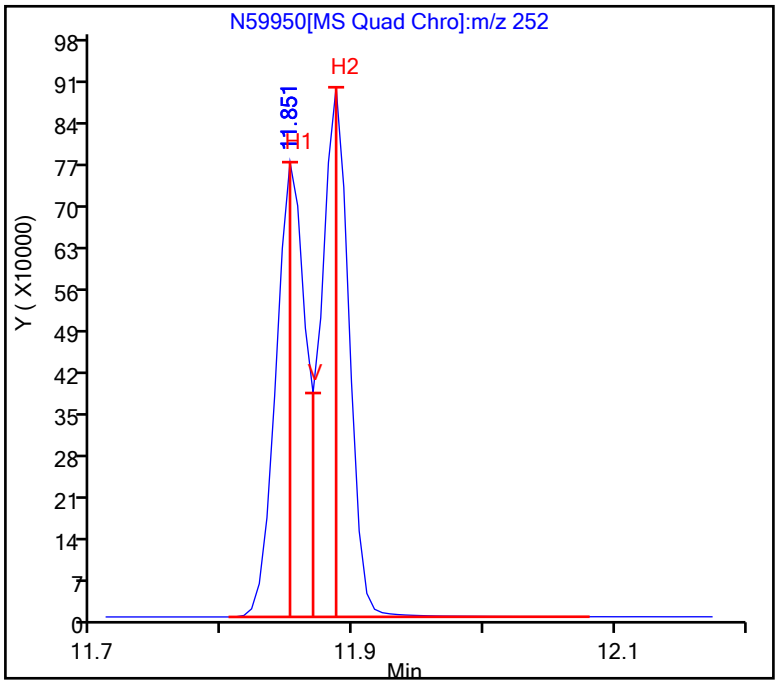
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 380335
H1( 106 Benzo[b]fluoranthen) = 772577
H2( 107 Benzo[k]fluoranthen) = 899793

Version D: %R = 45.5 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1055613/2  Instrument ID (1): CBNAMS18

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 08/14/2025 16:29

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 12.78 | 18.30 |

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94265.D
Injection Date: 14-Aug-2025 16:29:30 Instrument ID: CBNAMS18
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

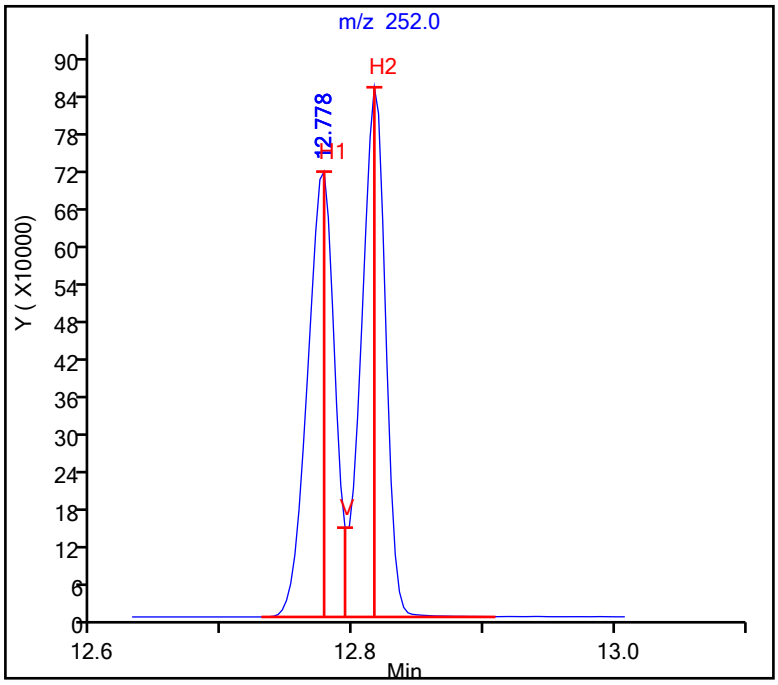
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 143104
H1( 107 Benzo[b]fluoranthen) = 713728
H2( 108 Benzo[k]fluoranthen) = 848896

Version D: %R = 18.3 <= 50.0
Passed



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1045243/12 | Calibration Date: 06/21/2025 14:06

Instrument ID: CBNAMS14 | Calib Start Date: 06/21/2025 10:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/21/2025 13:44

Lab File ID: N58890.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Lin2 | | 0.5457 | 0.0100 | 9750 | 10000 | -2.5 | 30.0 |
| N-Nitrosodimethylamine | Ave | 0.8136 | 0.8188 | | 10100 | 10000 | 0.6 | 30.0 |
| Pyridine | Ave | 1.302 | 1.451 | | 22300 | 20000 | 11.5 | 30.0 |
| Benzaldehyde | Ave | 1.024 | 0.9055 | 0.0100 | 3540 | 4000 | -11.6 | 30.0 |
| Phenol | Ave | 1.679 | 1.642 | 0.8000 | 9780 | 10000 | -2.2 | 30.0 |
| Aniline | Ave | 1.834 | 1.922 | | 10500 | 10000 | 4.8 | 30.0 |
| Bis(2-chloroethyl)ether | Ave | 1.284 | 1.282 | 0.7000 | 9980 | 10000 | -0.2 | 30.0 |
| 2-Chlorophenol | Ave | 1.332 | 1.338 | 0.8000 | 10000 | 10000 | 0.5 | 30.0 |
| n-Decane | Ave | 1.230 | 1.241 | | 10100 | 10000 | 0.9 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.544 | 1.526 | | 9890 | 10000 | -1.1 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.647 | 1.550 | | 9410 | 10000 | -5.9 | 30.0 |
| Benzyl alcohol | Ave | 0.6966 | 0.7604 | | 10900 | 10000 | 9.2 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.472 | 1.483 | | 10100 | 10000 | 0.8 | 30.0 |
| 2-Methylphenol | Ave | 1.180 | 1.247 | 0.7000 | 10600 | 10000 | 5.6 | 30.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.539 | 1.579 | 0.0100 | 10300 | 10000 | 2.6 | 30.0 |
| N-Methylaniline | Ave | 1.872 | 2.060 | | 11000 | 10000 | 10.1 | 30.0 |
| Acetophenone | Ave | 1.794 | 1.859 | 0.0100 | 10400 | 10000 | 3.6 | 30.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.8887 | 0.9103 | 0.5000 | 10200 | 10000 | 2.4 | 30.0 |
| 3 & 4 Methylphenol | Ave | 1.216 | 1.360 | | 11200 | 10000 | 11.8 | 30.0 |
| 4-Methylphenol | Ave | 1.216 | 1.360 | 0.6000 | 11200 | 10000 | 11.8 | 30.0 |
| Hexachloroethane | Ave | 0.6204 | 0.6493 | 0.3000 | 10500 | 10000 | 4.7 | 30.0 |
| Nitrobenzene | Ave | 0.6556 | 0.6483 | 0.2000 | 9890 | 10000 | -1.1 | 30.0 |
| n,n'-Dimethylaniline | Ave | 1.966 | 2.118 | | 10800 | 10000 | 7.7 | 30.0 |
| Isophorone | Ave | 0.6460 | 0.6432 | 0.4000 | 9960 | 10000 | -0.4 | 30.0 |
| 2-Nitrophenol | Ave | 0.1850 | 0.1901 | 0.1000 | 10300 | 10000 | 2.8 | 30.0 |
| 2,4-Dimethylphenol | Ave | 0.3027 | 0.3200 | 0.2000 | 10600 | 10000 | 5.7 | 30.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4215 | 0.4333 | 0.3000 | 10300 | 10000 | 2.8 | 30.0 |
| Benzoic acid | Lin1 | | 0.1740 | | 9380 | 10000 | -6.2 | 30.0 |
| 2,4-Dichlorophenol | Ave | 0.2939 | 0.3101 | 0.2000 | 10600 | 10000 | 5.5 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3432 | 0.3461 | | 10100 | 10000 | 0.9 | 30.0 |
| Naphthalene | Ave | 1.065 | 1.053 | 0.7000 | 9890 | 10000 | -1.1 | 30.0 |
| 4-Chloroaniline | Ave | 0.3868 | 0.4261 | 0.0100 | 11000 | 10000 | 10.2 | 30.0 |
| Hexachlorobutadiene | Ave | 0.2089 | 0.2113 | 0.0100 | 10100 | 10000 | 1.1 | 30.0 |
| Caprolactam | Ave | 0.1098 | 0.1091 | 0.0100 | 3980 | 4000 | -0.6 | 30.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2716 | 0.2780 | 0.2000 | 10200 | 10000 | 2.4 | 30.0 |
| 2-Methylnaphthalene | Ave | 0.6021 | 0.6146 | 0.4000 | 10200 | 10000 | 2.1 | 30.0 |
| 1-Methylnaphthalene | Ave | 0.6224 | 0.6363 | | 10200 | 10000 | 2.2 | 30.0 |
| Hexachlorocyclopentadiene | Ave | 0.5339 | 0.5768 | 0.0500 | 10800 | 10000 | 8.0 | 30.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.6832 | 0.7373 | 0.0100 | 10800 | 10000 | 7.9 | 30.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.4108 | 0.4277 | | 10400 | 10000 | 4.1 | 30.0 |
| 2,4,6-Trichlorophenol | Ave | 0.4136 | 0.4334 | 0.2000 | 10500 | 10000 | 4.8 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1045243/12 | Calibration Date: 06/21/2025 14:06

Instrument ID: CBNAMS14 | Calib Start Date: 06/21/2025 10:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/21/2025 13:44

Lab File ID: N58890.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4437 | 0.4780 | 0.2000 | 10800 | 10000 | 7.7 | 30.0 |
| 1,1'-Biphenyl | Ave | 1.580 | 1.659 | 0.0100 | 10500 | 10000 | 5.0 | 30.0 |
| 2-Chloronaphthalene | Ave | 1.241 | 1.298 | 0.8000 | 10500 | 10000 | 4.5 | 30.0 |
| Phenyl ether | Ave | 0.8528 | 0.9104 | | 10700 | 10000 | 6.7 | 30.0 |
| 2-Nitroaniline | Ave | 0.3915 | 0.4036 | 0.0100 | 10300 | 10000 | 3.1 | 30.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.8622 | 0.8981 | | 10400 | 10000 | 4.2 | 30.0 |
| Coumarin | Ave | 0.2078 | 0.2061 | | 9920 | 10000 | -0.8 | 30.0 |
| Dimethyl phthalate | Ave | 1.265 | 1.292 | 0.0100 | 10200 | 10000 | 2.2 | 30.0 |
| 2,6-Dinitrotoluene | Ave | 0.2739 | 0.2935 | 0.2000 | 10700 | 10000 | 7.1 | 30.0 |
| Acenaphthylene | Ave | 1.916 | 2.003 | 0.6000 | 10500 | 10000 | 4.5 | 30.0 |
| 3-Nitroaniline | Ave | 0.2873 | 0.3039 | 0.0100 | 10600 | 10000 | 5.8 | 30.0 |
| Acenaphthene | Ave | 1.137 | 1.150 | 0.9000 | 10100 | 10000 | 1.2 | 30.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 1.080 | 1.167 | | 10800 | 10000 | 8.1 | 30.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.1281 | 0.0100 | 19700 | 20000 | -1.5 | 30.0 |
| 4-Nitrophenol | Ave | 0.1738 | 0.1843 | 0.0100 | 21200 | 20000 | 6.0 | 30.0 |
| 2,4-Dinitrotoluene | Ave | 0.3265 | 0.3672 | 0.2000 | 11200 | 10000 | 12.5 | 30.0 |
| Dibenzofuran | Ave | 1.657 | 1.682 | 0.8000 | 10200 | 10000 | 1.5 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3182 | 0.3403 | 0.0100 | 10700 | 10000 | 7.0 | 30.0 |
| Diethyl phthalate | Ave | 1.241 | 1.249 | 0.0100 | 10100 | 10000 | 0.7 | 30.0 |
| Fluorene | Ave | 1.304 | 1.318 | 0.9000 | 10100 | 10000 | 1.1 | 30.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.6370 | 0.6522 | 0.4000 | 10200 | 10000 | 2.4 | 30.0 |
| 4-Nitroaniline | Ave | 0.2566 | 0.2719 | 0.0100 | 10600 | 10000 | 5.9 | 30.0 |
| 4,6-Dinitro-2-methylphenol | Qua1 | | 0.1111 | 0.0100 | 19300 | 20000 | -3.5 | 30.0 |
| N-Nitrosodiphenylamine | Ave | 0.5551 | 0.5803 | 0.0100 | 10500 | 10000 | 4.5 | 30.0 |
| 1,2-Diphenylhydrazine | Ave | 0.8181 | 0.8646 | | 10600 | 10000 | 5.7 | 30.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2516 | 0.2633 | 0.1000 | 10500 | 10000 | 4.7 | 30.0 |
| Hexachlorobenzene | Ave | 0.3198 | 0.3319 | 0.1000 | 10400 | 10000 | 3.8 | 30.0 |
| Atrazine | Ave | 0.1791 | 0.1958 | 0.0100 | 4370 | 4000 | 9.3 | 30.0 |
| Pentachlorophenol | Ave | 0.1622 | 0.1801 | 0.0500 | 22200 | 20000 | 11.0 | 30.0 |
| Pentachloronitrobenzene | Ave | 0.0768 | 0.0833 | 0.0100 | 10800 | 10000 | 8.4 | 30.0 |
| n-Octadecane | Ave | 0.4884 | 0.5308 | | 10900 | 10000 | 8.7 | 30.0 |
| Phenanthrene | Ave | 1.047 | 1.046 | 0.7000 | 9990 | 10000 | -0.1 | 30.0 |
| Anthracene | Ave | 1.053 | 1.099 | 0.7000 | 10400 | 10000 | 4.3 | 30.0 |
| Carbazole | Ave | 0.8729 | 0.8919 | 0.0100 | 10200 | 10000 | 2.2 | 30.0 |
| Di-n-butyl phthalate | Ave | 0.9785 | 1.025 | 0.0100 | 10500 | 10000 | 4.7 | 30.0 |
| Fluoranthene | Ave | 0.9087 | 0.9282 | 0.6000 | 10200 | 10000 | 2.1 | 30.0 |
| Benzidine | Qua1 | | 0.4197 | | 12300 | 10000 | 23.2 | 30.0 |
| Pyrene | Ave | 1.723 | 1.687 | 0.6000 | 9790 | 10000 | -2.1 | 30.0 |
| Bisphenol-A | Ave | 0.5653 | 0.5165 | | 9140 | 10000 | -8.6 | 30.0 |
| Butyl benzyl phthalate | Ave | 0.5704 | 0.6148 | 0.0100 | 10800 | 10000 | 7.8 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1045243/12  Calibration Date: 06/21/2025 14:06

Instrument ID: CBNAMS14  Calib Start Date: 06/21/2025 10:22

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 06/21/2025 13:44

Lab File ID: N58890.d  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Carbamazepine | Qua1 | | 0.4811 | | 10800 | 10000 | 7.9 | 30.0 |
| 3,3'-Dichlorobenzidine | Qua1 | | 0.5205 | 0.0100 | 10400 | 10000 | 4.1 | 30.0 |
| Benzo[a]anthracene | Lin2 | | 1.390 | 0.8000 | 10500 | 10000 | 4.8 | 30.0 |
| Chrysene | Ave | 1.253 | 1.266 | 0.7000 | 10100 | 10000 | 1.1 | 30.0 |
| Bis(2-ethylhexyl) phthalate | Ave | 0.7582 | 0.8897 | 0.0100 | 11700 | 10000 | 17.3 | 30.0 |
| Di-n-octyl phthalate | Lin2 | | 1.348 | 0.0100 | 10600 | 10000 | 5.5 | 30.0 |
| Benzo[b]fluoranthene | Ave | 1.201 | 1.264 | | 10500 | 10000 | 5.2 | 30.0 |
| Benzo[k]fluoranthene | Ave | 1.254 | 1.310 | 0.7000 | 10400 | 10000 | 4.5 | 30.0 |
| Benzo[a]pyrene | Ave | 1.026 | 1.142 | 0.7000 | 11100 | 10000 | 11.3 | 30.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 0.9946 | 1.138 | 0.5000 | 11400 | 10000 | 14.4 | 30.0 |
| Dibenz(a,h)anthracene | Ave | 0.9891 | 1.114 | 0.4000 | 11300 | 10000 | 12.7 | 30.0 |
| Benzo[g,h,i]perylene | Ave | 0.9753 | 1.071 | 0.5000 | 11000 | 10000 | 9.8 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58890.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 21-Jun-2025 14:06:59 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-012
Operator ID: Instrument ID: CBNAMS14
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:29:04 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 06:29:20

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 88 | 1.546 | 1.546 | 0.000 | 94 | 255607 | 10.0 | 9.75 | |
| 2 | N-Nitrosodimethylamine | 74 | 1.722 | 1.717 | 0.005 | 91 | 383513 | 10.0 | 10.1 | |
| 3 | Pyridine | 79 | 1.757 | 1.752 | 0.005 | 95 | 1359127 | 20.0 | 22.3 | |
| 5 | Benzaldehyde | 77 | 3.493 | 3.493 | 0.000 | 95 | 169642 | 4.00 | 3.54 | E |
| 7 | Phenol | 94 | 3.604 | 3.599 | 0.005 | 98 | 768902 | 10.0 | 9.78 | |
| 8 | Aniline | 93 | 3.610 | 3.605 | 0.005 | 94 | 900018 | 10.0 | 10.5 | |
| 9 | Bis(2-chloroethyl)ether | 93 | 3.675 | 3.669 | 0.006 | 97 | 600241 | 10.0 | 9.98 | |
| 10 | Benzonitrile | 103 | 3.681 | 3.681 | 0.000 | 98 | 1166366 | NC | NC | |
| 11 | 2-Chlorophenol | 128 | 3.728 | 3.722 | 0.006 | 97 | 626817 | 10.0 | 10.0 | |
| 12 | n-Decane | 43 | 3.793 | 3.787 | 0.006 | 89 | 581411 | 10.0 | 10.1 | |
| 13 | 1,3-Dichlorobenzene | 146 | 3.875 | 3.869 | 0.006 | 95 | 714873 | 10.0 | 9.89 | |
| * 14 | 1,4-Dichlorobenzene-d4 | 152 | 3.928 | 3.928 | 0.000 | 95 | 374707 | 8.00 | 8.00 | |
| 15 | 1,4-Dichlorobenzene | 146 | 3.945 | 3.946 | -0.001 | 94 | 725762 | 10.0 | 9.41 | |
| 16 | Benzyl alcohol | 108 | 4.075 | 4.069 | 0.006 | 93 | 356172 | 10.0 | 10.9 | |
| 17 | 1,2-Dichlorobenzene | 146 | 4.093 | 4.093 | 0.000 | 96 | 694691 | 10.0 | 10.1 | |
| 18 | 2-Methylphenol | 108 | 4.193 | 4.187 | 0.006 | 88 | 583896 | 10.0 | 10.6 | |
| 19 | 2,2'-oxybis[1-chloropropane] | 45 | 4.204 | 4.205 | -0.001 | 94 | 739725 | 10.0 | 10.3 | |
| 20 | N-Methylaniline | 106 | 4.322 | 4.316 | 0.006 | 96 | 965079 | 10.0 | 11.0 | |
| 21 | Acetophenone | 105 | 4.328 | 4.322 | 0.006 | 94 | 870663 | 10.0 | 10.4 | |
| 22 | N-Nitrosodi-n-propylamine | 70 | 4.334 | 4.328 | 0.006 | 85 | 426361 | 10.0 | 10.2 | |
| 23 | 3 & 4 Methylphenol | 108 | 4.351 | 4.346 | 0.005 | 82 | 637139 | 10.0 | 11.2 | |
| 24 | 4-Methylphenol | 108 | 4.351 | 4.346 | 0.005 | 95 | 637139 | 10.0 | 11.2 | |
| 25 | Hexachloroethane | 117 | 4.422 | 4.422 | 0.000 | 95 | 304133 | 10.0 | 10.5 | |
| 28 | Nitrobenzene | 123 | 4.487 | 4.487 | 0.000 | 96 | 303650 | 10.0 | 9.89 | |
| 29 | n,n'-Dimethylaniline | 120 | 4.498 | 4.493 | 0.005 | 97 | 992015 | 10.0 | 10.8 | |
| 30 | Isophorone | 82 | 4.728 | 4.722 | 0.006 | 99 | 1079933 | 10.0 | 9.96 | |
| 32 | 2-Nitrophenol | 139 | 4.798 | 4.799 | -0.001 | 93 | 319182 | 10.0 | 10.3 | |
| 33 | 2,4-Dimethylphenol | 122 | 4.863 | 4.864 | -0.001 | 91 | 537192 | 10.0 | 10.6 | |
| 34 | Bis(2-chloroethoxy)methane | 93 | 4.951 | 4.946 | 0.005 | 99 | 727485 | 10.0 | 10.3 | |
| 35 | Benzoic acid | 122 | 4.992 | 4.952 | 0.040 | 90 | 292152 | 10.0 | 9.38 | |
| 36 | 2,4-Dichlorophenol | 162 | 5.045 | 5.040 | 0.005 | 97 | 520607 | 10.0 | 10.6 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 37 1,2,4-Trichlorobenzene | 180 | 5.116 | 5.116 | 0.000 | 94 | 581137 | 10.0 | 10.1 | |
| * 38 Naphthalene-d8 | 136 | 5.169 | 5.163 | 0.006 | 100 | 1343169 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.187 | 5.187 | 0.000 | 99 | 1768621 | 10.0 | 9.89 | |
| 40 4-Chloroaniline | 127 | 5.251 | 5.246 | 0.005 | 98 | 715475 | 10.0 | 11.0 | |
| 130 2,6-Dichlorophenol | 162 | 5.257 | 5.258 | -0.001 | 99 | 504175 | 10.0 | 10.5 | |
| 41 Hexachlorobutadiene | 225 | 5.328 | 5.322 | 0.006 | 96 | 354698 | 10.0 | 10.1 | |
| 42 Caprolactam | 55 | 5.587 | 5.569 | 0.018 | 93 | 73279 | 4.00 | 3.98 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.745 | 5.740 | 0.005 | 96 | 466782 | 10.0 | 10.2 | |
| 44 2-Methylnaphthalene | 142 | 5.857 | 5.858 | -0.001 | 84 | 1031915 | 10.0 | 10.2 | |
| 45 1-Methylnaphthalene | 142 | 5.951 | 5.952 | -0.001 | 92 | 1068377 | 10.0 | 10.2 | |
| 46 Hexachlorocyclopentadiene | 237 | 6.022 | 6.022 | 0.000 | 98 | 463719 | 10.0 | 10.8 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 6.028 | 6.022 | 0.006 | 97 | 592734 | 10.0 | 10.8 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 6.081 | 6.081 | 0.000 | 90 | 718143 | 10.0 | 10.4 | |
| 49 2,4,6-Trichlorophenol | 196 | 6.139 | 6.140 | -0.001 | 90 | 348429 | 10.0 | 10.5 | |
| 50 2,4,5-Trichlorophenol | 196 | 6.175 | 6.175 | 0.000 | 97 | 384252 | 10.0 | 10.8 | |
| 52 1,1'-Biphenyl | 154 | 6.316 | 6.310 | 0.006 | 97 | 1333897 | 10.0 | 10.5 | |
| 53 2-Chloronaphthalene | 162 | 6.322 | 6.322 | 0.000 | 99 | 1043090 | 10.0 | 10.5 | |
| 54 Phenyl ether | 170 | 6.416 | 6.416 | 0.000 | 87 | 731851 | 10.0 | 10.7 | |
| 55 2-Nitroaniline | 65 | 6.428 | 6.422 | 0.006 | 98 | 324432 | 10.0 | 10.3 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.539 | 6.534 | 0.005 | 91 | 722025 | 10.0 | 10.4 | |
| 60 Coumarin | 146 | 6.622 | 6.616 | 0.006 | 79 | 346037 | 10.0 | 9.92 | |
| 59 Dimethyl phthalate | 163 | 6.622 | 6.616 | 0.006 | 97 | 1038764 | 10.0 | 10.2 | |
| 61 2,6-Dinitrotoluene | 165 | 6.669 | 6.663 | 0.006 | 96 | 235927 | 10.0 | 10.7 | |
| 62 Acenaphthylene | 152 | 6.716 | 6.716 | 0.000 | 97 | 1610423 | 10.0 | 10.5 | |
| 63 3-Nitroaniline | 138 | 6.822 | 6.816 | 0.006 | 98 | 244337 | 10.0 | 10.6 | |
| * 64 Acenaphthene-d10 | 164 | 6.857 | 6.852 | 0.005 | 96 | 643137 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.887 | 6.881 | 0.005 | 96 | 924906 | 10.0 | 10.1 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.904 | 6.899 | 0.005 | 97 | 937888 | 10.0 | 10.8 | |
| 67 2,4-Dinitrophenol | 184 | 6.922 | 6.916 | 0.006 | 96 | 206040 | 20.0 | 19.7 | |
| 68 4-Nitrophenol | 65 | 7.010 | 7.005 | 0.005 | 89 | 296250 | 20.0 | 21.2 | |
| 69 2,4-Dinitrotoluene | 165 | 7.045 | 7.046 | -0.001 | 94 | 295214 | 10.0 | 11.2 | |
| 70 Dibenzofuran | 168 | 7.051 | 7.046 | 0.005 | 96 | 1351806 | 10.0 | 10.2 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 7.175 | 7.175 | 0.000 | 94 | 273602 | 10.0 | 10.7 | |
| 73 Diethyl phthalate | 149 | 7.298 | 7.293 | 0.005 | 98 | 1004236 | 10.0 | 10.1 | |
| 75 Fluorene | 166 | 7.375 | 7.375 | 0.000 | 96 | 1059736 | 10.0 | 10.1 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.386 | 7.381 | 0.005 | 91 | 524353 | 10.0 | 10.2 | |
| 76 4-Nitroaniline | 138 | 7.410 | 7.399 | 0.011 | 91 | 218556 | 10.0 | 10.6 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.439 | 7.434 | 0.005 | 86 | 276698 | 20.0 | 19.3 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.504 | 7.499 | 0.005 | 96 | 722339 | 10.0 | 10.5 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.534 | 7.534 | 0.000 | 94 | 1076281 | 10.0 | 10.6 | |
| 131 Azobenzene | 77 | 7.534 | 7.534 | 0.000 | 0 | 1076374 | 10.0 | 10.4 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.845 | 7.846 | -0.001 | 93 | 327703 | 10.0 | 10.5 | |
| 82 Hexachlorobenzene | 284 | 7.904 | 7.905 | -0.001 | 95 | 413186 | 10.0 | 10.4 | |
| 83 Atrazine | 200 | 8.022 | 8.022 | 0.000 | 93 | 97477 | 4.00 | 4.37 | |
| 84 Pentachlorophenol | 266 | 8.098 | 8.093 | 0.005 | 95 | 448266 | 20.0 | 22.2 | |
| 85 Pentachloronitrobenzene | 237 | 8.110 | 8.105 | 0.005 | 91 | 103691 | 10.0 | 10.8 | |
| 86 n-Octadecane | 57 | 8.210 | 8.205 | 0.006 | 90 | 660714 | 10.0 | 10.9 | |
| * 87 Phenanthrene-d10 | 188 | 8.263 | 8.257 | 0.006 | 99 | 995860 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.286 | 8.281 | 0.005 | 98 | 1301614 | 10.0 | 9.99 | |
| 89 Anthracene | 178 | 8.333 | 8.328 | 0.005 | 98 | 1367592 | 10.0 | 10.4 | |
| 90 Carbazole | 167 | 8.492 | 8.487 | 0.005 | 96 | 1110232 | 10.0 | 10.2 | |
| 91 Di-n-butyl phthalate | 149 | 8.851 | 8.852 | -0.001 | 99 | 1275673 | 10.0 | 10.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 92 Fluoranthene | 202 | 9.410 | 9.410 | 0.000 | 97 | 1155484 | 10.0 | 10.2 | |
| 93 Benzidine | 184 | 9.551 | 9.552 | -0.001 | 99 | 522464 | 10.0 | 12.3 | |
| 94 Pyrene | 202 | 9.622 | 9.622 | 0.000 | 96 | 1165660 | 10.0 | 9.79 | |
| 95 Bisphenol-A | 213 | 9.722 | 9.734 | -0.012 | 98 | 356876 | 10.0 | 9.14 | |
| 97 Butyl benzyl phthalate | 149 | 10.286 | 10.281 | 0.005 | 97 | 424774 | 10.0 | 10.8 | |
| 99 Carbamazepine | 193 | 10.375 | 10.369 | 0.006 | 92 | 332375 | 10.0 | 10.8 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.822 | 10.822 | 0.000 | 99 | 359601 | 10.0 | 10.4 | |
| 101 Benzo[a]anthracene | 228 | 10.833 | 10.834 | -0.001 | 99 | 960363 | 10.0 | 10.5 | |
| * 102 Chrysene-d12 | 240 | 10.845 | 10.846 | -0.001 | 99 | 552723 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.875 | 10.869 | 0.006 | 98 | 874796 | 10.0 | 10.1 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.927 | 10.928 | -0.001 | 86 | 614691 | 10.0 | 11.7 | |
| 105 Di-n-octyl phthalate | 149 | 11.733 | 11.734 | -0.001 | 96 | 869464 | 10.0 | 10.6 | |
| 106 Benzo[b]fluoranthene | 252 | 12.151 | 12.145 | 0.006 | 98 | 815196 | 10.0 | 10.5 | |
| 107 Benzo[k]fluoranthene | 252 | 12.186 | 12.181 | 0.005 | 99 | 845094 | 10.0 | 10.4 | |
| 108 Benzo[a]pyrene | 252 | 12.574 | 12.575 | -0.001 | 97 | 736756 | 10.0 | 11.1 | |
| * 109 Perylene-d12 | 264 | 12.651 | 12.657 | -0.006 | 98 | 516145 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 14.116 | 14.110 | 0.006 | 99 | 733915 | 10.0 | 11.4 | |
| 111 Dibenz(a,h)anthracene | 278 | 14.157 | 14.151 | 0.006 | 98 | 719024 | 10.0 | 11.3 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.486 | 14.481 | 0.005 | 98 | 690901 | 10.0 | 11.0 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

## Reagents:

SV_ICV_ LVI_00012 Amount Added: 1.00 Units: mL

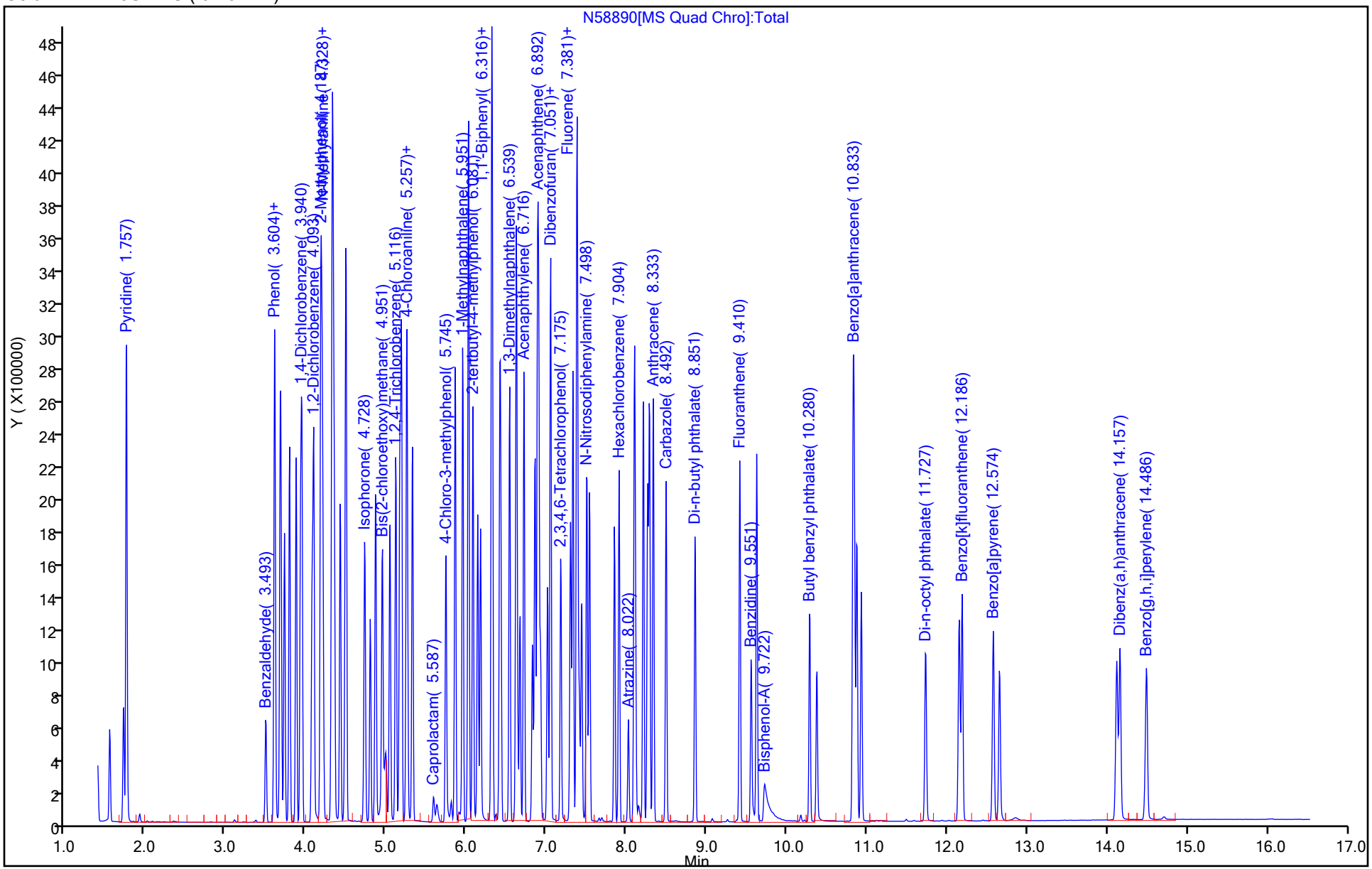
Report Date: 23-Jun-2025 06:29:20 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58890.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jun-2025 14:06:59 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | ICV | | | Worklist Smp#: | 12 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055605/2 | Calibration Date: 08/14/2025 16:31

Instrument ID: CBNAMS14 | Calib Start Date: 06/21/2025 10:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/21/2025 13:44

Lab File ID: N59950.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Lin2 | | 0.5368 | 0.0100 | 9590 | 10000 | -4.1 | 20.0 |
| N-Nitrosodimethylamine | Ave | 0.8136 | 0.7805 | | 9590 | 10000 | -4.1 | 20.0 |
| Pyridine | Ave | 1.302 | 1.387 | | 21300 | 20000 | 6.5 | 20.0 |
| Benzaldehyde | Ave | 1.024 | 0.4082 | 0.0100 | 1590 | 4000 | -60.2* | 20.0 |
| Aniline | Ave | 1.834 | 1.896 | | 10300 | 10000 | 3.4 | 20.0 |
| Phenol | Ave | 1.679 | 1.633 | 0.8000 | 9730 | 10000 | -2.7 | 20.0 |
| Bis(2-chloroethyl)ether | Ave | 1.284 | 1.201 | 0.7000 | 9360 | 10000 | -6.4 | 20.0 |
| 2-Chlorophenol | Ave | 1.332 | 1.281 | 0.8000 | 9620 | 10000 | -3.8 | 20.0 |
| n-Decane | Ave | 1.230 | 1.166 | | 9480 | 10000 | -5.2 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.544 | 1.492 | | 9660 | 10000 | -3.4 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.647 | 1.491 | | 9050 | 10000 | -9.5 | 20.0 |
| Benzyl alcohol | Ave | 0.6966 | 0.7132 | | 10200 | 10000 | 2.4 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.472 | 1.420 | | 9650 | 10000 | -3.5 | 20.0 |
| 2-Methylphenol | Ave | 1.180 | 1.104 | 0.7000 | 9360 | 10000 | -6.4 | 20.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.539 | 1.447 | 0.0100 | 9400 | 10000 | -6.0 | 20.0 |
| N-Methylaniline | Ave | 1.872 | 1.906 | | 10200 | 10000 | 1.8 | 20.0 |
| Acetophenone | Ave | 1.794 | 1.757 | 0.0100 | 9800 | 10000 | -2.0 | 20.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.8887 | 0.8497 | 0.5000 | 9560 | 10000 | -4.4 | 20.0 |
| 3 & 4 Methylphenol | Ave | 1.216 | 1.163 | | 9560 | 10000 | -4.4 | 20.0 |
| 4-Methylphenol | Ave | 1.216 | 1.163 | 0.6000 | 9560 | 10000 | -4.4 | 20.0 |
| Hexachloroethane | Ave | 0.6204 | 0.5978 | 0.3000 | 9640 | 10000 | -3.6 | 20.0 |
| Nitrobenzene | Ave | 0.6556 | 0.6240 | 0.2000 | 9520 | 10000 | -4.8 | 20.0 |
| n,n'-Dimethylaniline | Ave | 1.966 | 1.958 | | 9960 | 10000 | -0.4 | 20.0 |
| Isophorone | Ave | 0.6460 | 0.6125 | 0.4000 | 9480 | 10000 | -5.2 | 20.0 |
| 2-Nitrophenol | Ave | 0.1850 | 0.1871 | 0.1000 | 10100 | 10000 | 1.2 | 20.0 |
| 2,4-Dimethylphenol | Ave | 0.3027 | 0.3009 | 0.2000 | 9940 | 10000 | -0.6 | 20.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4215 | 0.4067 | 0.3000 | 9650 | 10000 | -3.5 | 20.0 |
| Benzoic acid | Lin1 | | 0.1916 | | 10300 | 10000 | 2.5 | 20.0 |
| 2,4-Dichlorophenol | Ave | 0.2939 | 0.3048 | 0.2000 | 10400 | 10000 | 3.7 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3432 | 0.3396 | | 9900 | 10000 | -1.0 | 20.0 |
| Naphthalene | Ave | 1.065 | 1.021 | 0.7000 | 9580 | 10000 | -4.2 | 20.0 |
| 4-Chloroaniline | Ave | 0.3868 | 0.4366 | 0.0100 | 11300 | 10000 | 12.9 | 20.0 |
| Hexachlorobutadiene | Ave | 0.2089 | 0.2061 | 0.0100 | 9860 | 10000 | -1.4 | 20.0 |
| Caprolactam | Ave | 0.1098 | 0.1200 | 0.0100 | 4370 | 4000 | 9.3 | 20.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2716 | 0.2818 | 0.2000 | 10400 | 10000 | 3.8 | 20.0 |
| 2-Methylnaphthalene | Ave | 0.6021 | 0.6111 | 0.4000 | 10100 | 10000 | 1.5 | 20.0 |
| 1-Methylnaphthalene | Ave | 0.6224 | 0.6368 | | 10200 | 10000 | 2.3 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.6832 | 0.6838 | 0.0100 | 10000 | 10000 | 0.0 | 20.0 |
| Hexachlorocyclopentadiene | Ave | 0.5339 | 0.5368 | 0.0500 | 10100 | 10000 | 0.5 | 20.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.4108 | 0.4242 | | 10300 | 10000 | 3.3 | 20.0 |
| 2,4,6-Trichlorophenol | Ave | 0.4136 | 0.4219 | 0.2000 | 10200 | 10000 | 2.0 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055605/2 | Calibration Date: 08/14/2025 16:31

Instrument ID: CBNAMS14 | Calib Start Date: 06/21/2025 10:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/21/2025 13:44

Lab File ID: N59950.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4437 | 0.4664 | 0.2000 | 10500 | 10000 | 5.1 | 20.0 |
| 1,1'-Biphenyl | Ave | 1.580 | 1.573 | 0.0100 | 9960 | 10000 | -0.4 | 20.0 |
| 2-Chloronaphthalene | Ave | 1.241 | 1.230 | 0.8000 | 9910 | 10000 | -0.9 | 20.0 |
| Phenyl ether | Ave | 0.8528 | 0.8385 | | 9830 | 10000 | -1.7 | 20.0 |
| 2-Nitroaniline | Ave | 0.3915 | 0.3964 | 0.0100 | 10100 | 10000 | 1.3 | 20.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.8622 | 0.8441 | | 9790 | 10000 | -2.1 | 20.0 |
| Coumarin | Ave | 0.2078 | 0.2373 | | 11400 | 10000 | 14.2 | 20.0 |
| Dimethyl phthalate | Ave | 1.265 | 1.329 | 0.0100 | 10500 | 10000 | 5.1 | 20.0 |
| 2,6-Dinitrotoluene | Ave | 0.2739 | 0.2951 | 0.2000 | 10800 | 10000 | 7.8 | 20.0 |
| Acenaphthylene | Ave | 1.916 | 1.908 | 0.6000 | 9960 | 10000 | -0.4 | 20.0 |
| 3-Nitroaniline | Ave | 0.2873 | 0.3176 | 0.0100 | 11100 | 10000 | 10.6 | 20.0 |
| Acenaphthene | Ave | 1.137 | 1.106 | 0.9000 | 9720 | 10000 | -2.8 | 20.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 1.080 | 1.088 | | 10100 | 10000 | 0.8 | 20.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.1774 | 0.0100 | 26100 | 20000 | 30.6* | 20.0 |
| 4-Nitrophenol | Ave | 0.1738 | 0.2243 | 0.0100 | 25800 | 20000 | 29.0* | 20.0 |
| 2,4-Dinitrotoluene | Ave | 0.3265 | 0.4142 | 0.2000 | 12700 | 10000 | 26.9* | 20.0 |
| Dibenzofuran | Ave | 1.657 | 1.692 | 0.8000 | 10200 | 10000 | 2.1 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3182 | 0.3618 | 0.0100 | 11400 | 10000 | 13.7 | 20.0 |
| Diethyl phthalate | Ave | 1.241 | 1.297 | 0.0100 | 10400 | 10000 | 4.5 | 20.0 |
| Fluorene | Ave | 1.304 | 1.344 | 0.9000 | 10300 | 10000 | 3.0 | 20.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.6370 | 0.6693 | 0.4000 | 10500 | 10000 | 5.1 | 20.0 |
| 4-Nitroaniline | Ave | 0.2566 | 0.3097 | 0.0100 | 12100 | 10000 | 20.7* | 20.0 |
| 4,6-Dinitro-2-methylphenol | Qua1 | | 0.1349 | 0.0100 | 23000 | 20000 | 15.2 | 20.0 |
| N-Nitrosodiphenylamine | Ave | 0.5551 | 0.5277 | 0.0100 | 9510 | 10000 | -4.9 | 20.0 |
| 1,2-Diphenylhydrazine | Ave | 0.8181 | 0.7219 | | 8820 | 10000 | -11.8 | 20.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2516 | 0.2361 | 0.1000 | 9380 | 10000 | -6.2 | 20.0 |
| Hexachlorobenzene | Ave | 0.3198 | 0.3079 | 0.1000 | 9630 | 10000 | -3.7 | 20.0 |
| Atrazine | Ave | 0.1791 | 0.1975 | 0.0100 | 4410 | 4000 | 10.3 | 20.0 |
| Pentachlorophenol | Ave | 0.1622 | 0.1834 | 0.0500 | 22600 | 20000 | 13.1 | 20.0 |
| Pentachloronitrobenzene | Ave | 0.0768 | 0.0802 | 0.0100 | 10400 | 10000 | 4.4 | 20.0 |
| n-Octadecane | Ave | 0.4884 | 0.4231 | | 8660 | 10000 | -13.4 | 20.0 |
| Phenanthrene | Ave | 1.047 | 1.027 | 0.7000 | 9810 | 10000 | -1.9 | 20.0 |
| Anthracene | Ave | 1.053 | 1.070 | 0.7000 | 10200 | 10000 | 1.6 | 20.0 |
| Carbazole | Ave | 0.8729 | 0.9225 | 0.0100 | 10600 | 10000 | 5.7 | 20.0 |
| Di-n-butyl phthalate | Ave | 0.9785 | 1.060 | 0.0100 | 10800 | 10000 | 8.4 | 20.0 |
| Fluoranthene | Ave | 0.9087 | 1.028 | 0.6000 | 11300 | 10000 | 13.1 | 20.0 |
| Benzidine | Qua1 | | 0.3919 | | 11600 | 10000 | 16.1 | 20.0 |
| Pyrene | Ave | 1.723 | 1.502 | 0.6000 | 8720 | 10000 | -12.8 | 20.0 |
| Bisphenol-A | Ave | 0.5653 | 0.5423 | | 9590 | 10000 | -4.1 | 20.0 |
| Butyl benzyl phthalate | Ave | 0.5704 | 0.5602 | 0.0100 | 9820 | 10000 | -1.8 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055605/2  Calibration Date: 08/14/2025 16:31

Instrument ID: CBNAMS14  Calib Start Date: 06/21/2025 10:22

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 06/21/2025 13:44

Lab File ID: N59950.d  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD | Ave | 0.2509 | 0.2112 | | 84.2 | 100 | -15.8 | 20.0 |
| Carbamazepine | Qua1 | | 0.4068 | | 9310 | 10000 | -6.9 | 20.0 |
| 3,3'-Dichlorobenzidine | Qua1 | | 0.5276 | 0.0100 | 10500 | 10000 | 5.4 | 20.0 |
| Benzo[a]anthracene | Lin2 | | 1.325 | 0.8000 | 9990 | 10000 | -0.1 | 20.0 |
| Chrysene | Ave | 1.253 | 1.217 | 0.7000 | 9710 | 10000 | -2.9 | 20.0 |
| Bis(2-ethylhexyl) phthalate | Ave | 0.7582 | 0.8002 | 0.0100 | 10600 | 10000 | 5.5 | 20.0 |
| Di-n-octyl phthalate | Lin2 | | 1.222 | 0.0100 | 9580 | 10000 | -4.2 | 20.0 |
| Benzo[b]fluoranthene | Ave | 1.201 | 1.249 | | 10400 | 10000 | 4.0 | 20.0 |
| Benzo[k]fluoranthene | Ave | 1.254 | 1.368 | 0.7000 | 10900 | 10000 | 9.1 | 20.0 |
| Benzo[a]pyrene | Ave | 1.026 | 1.117 | 0.7000 | 10900 | 10000 | 8.9 | 20.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 0.9946 | 1.137 | 0.5000 | 11400 | 10000 | 14.3 | 20.0 |
| Dibenz(a,h)anthracene | Ave | 0.9891 | 1.126 | 0.4000 | 11400 | 10000 | 13.8 | 20.0 |
| Benzo[g,h,i]perylene | Ave | 0.9753 | 1.088 | 0.5000 | 11200 | 10000 | 11.5 | 20.0 |
| Nitrobenzene-d5 (Surr) | Ave | 0.4092 | 0.3635 | | 8880 | 10000 | -11.2 | 20.0 |
| 2-Fluorobiphenyl | Ave | 1.571 | 1.415 | | 9010 | 10000 | -9.9 | 20.0 |
| Terphenyl-d14 (Surr) | Ave | 1.502 | 1.182 | | 7860 | 10000 | -21.4* | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59950.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Aug-2025 16:31:57 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 04:45:34 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 04:45:34

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.340 | 1.340 | 0.000 | 94 | 259812 | 10.0 | 9.59 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.517 | 1.517 | 0.000 | 89 | 377794 | 10.0 | 9.59 | |
| | 3 Pyridine | 79 | 1.546 | 1.546 | 0.000 | 94 | 1342269 | 20.0 | 21.3 | |
| $ | 4 2-Fluorophenol | 112 | 2.511 | 2.511 | 0.000 | 96 | 589129 | 10.0 | 8.95 | |
| | 5 Benzaldehyde | 77 | 3.287 | 3.287 | 0.000 | 95 | 79023 | 4.00 | 1.59 | |
| $ | 6 Phenol-d5 | 99 | 3.399 | 3.399 | 0.000 | 96 | 708077 | 10.0 | 8.92 | |
| | 8 Aniline | 93 | 3.405 | 3.405 | 0.000 | 93 | 917912 | 10.0 | 10.3 | |
| | 7 Phenol | 94 | 3.411 | 3.411 | 0.000 | 96 | 790495 | 10.0 | 9.73 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.475 | 3.475 | 0.000 | 98 | 581438 | 10.0 | 9.36 | |
| | 10 Benzonitrile | 103 | 3.481 | 3.481 | 0.000 | 99 | 1130501 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.528 | 3.528 | 0.000 | 97 | 620195 | 10.0 | 9.62 | |
| | 12 n-Decane | 43 | 3.593 | 3.593 | 0.000 | 89 | 564206 | 10.0 | 9.48 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.675 | 3.675 | 0.000 | 95 | 722010 | 10.0 | 9.66 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.728 | 3.728 | 0.000 | 96 | 387224 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.746 | 3.746 | 0.000 | 95 | 721680 | 10.0 | 9.05 | |
| | 16 Benzyl alcohol | 108 | 3.881 | 3.881 | 0.000 | 93 | 345233 | 10.0 | 10.2 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.893 | 3.893 | 0.000 | 96 | 687344 | 10.0 | 9.65 | |
| | 18 2-Methylphenol | 108 | 4.011 | 4.011 | 0.000 | 89 | 534438 | 10.0 | 9.36 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.017 | 4.017 | 0.000 | 94 | 700377 | 10.0 | 9.40 | |
| | 20 N-Methylaniline | 106 | 4.128 | 4.128 | 0.000 | 99 | 922785 | 10.0 | 10.2 | |
| | 21 Acetophenone | 105 | 4.134 | 4.134 | 0.000 | 95 | 850542 | 10.0 | 9.80 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.146 | 4.146 | 0.000 | 88 | 411284 | 10.0 | 9.56 | |
| | 23 3 & 4 Methylphenol | 108 | 4.169 | 4.169 | 0.000 | 69 | 562960 | 10.0 | 9.56 | |
| | 24 4-Methylphenol | 108 | 4.169 | 4.169 | 0.000 | 97 | 562960 | 10.0 | 9.56 | |
| | 25 Hexachloroethane | 117 | 4.228 | 4.228 | 0.000 | 93 | 289364 | 10.0 | 9.64 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.275 | 4.275 | 0.000 | 88 | 619484 | 10.0 | 8.88 | |
| | 28 Nitrobenzene | 123 | 4.299 | 4.299 | 0.000 | 96 | 302056 | 10.0 | 9.52 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.305 | 4.305 | 0.000 | 92 | 947728 | 10.0 | 9.96 | |
| | 30 Isophorone | 82 | 4.534 | 4.534 | 0.000 | 99 | 1043835 | 10.0 | 9.48 | |
| | 32 2-Nitrophenol | 139 | 4.611 | 4.611 | 0.000 | 92 | 318898 | 10.0 | 10.1 | |
| | 33 2,4-Dimethylphenol | 122 | 4.687 | 4.687 | 0.000 | 91 | 512892 | 10.0 | 9.94 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.764 | 4.764 | 0.000 | 99 | 693147 | 10.0 | 9.65 | |
| 35 Benzoic acid | 122 | 4.805 | 4.805 | 0.000 | 95 | 326502 | 10.0 | 10.3 | |
| 36 2,4-Dichlorophenol | 162 | 4.858 | 4.858 | 0.000 | 96 | 519455 | 10.0 | 10.4 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.928 | 4.928 | 0.000 | 94 | 578748 | 10.0 | 9.90 | |
| * 38 Naphthalene-d8 | 136 | 4.975 | 4.975 | 0.000 | 99 | 1363464 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.999 | 4.999 | 0.000 | 99 | 1739374 | 10.0 | 9.58 | |
| 40 4-Chloroaniline | 127 | 5.069 | 5.069 | 0.000 | 97 | 744176 | 10.0 | 11.3 | |
| 130 2,6-Dichlorophenol | 162 | 5.075 | 5.075 | 0.000 | 99 | 516155 | 10.0 | 10.6 | |
| 41 Hexachlorobutadiene | 225 | 5.140 | 5.140 | 0.000 | 96 | 351201 | 10.0 | 9.86 | |
| 42 Caprolactam | 55 | 5.393 | 5.393 | 0.000 | 94 | 81794 | 4.00 | 4.37 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.569 | 5.569 | 0.000 | 95 | 480344 | 10.0 | 10.4 | |
| 44 2-Methylnaphthalene | 142 | 5.675 | 5.675 | 0.000 | 84 | 1041437 | 10.0 | 10.1 | |
| 45 1-Methylnaphthalene | 142 | 5.763 | 5.763 | 0.000 | 92 | 1085384 | 10.0 | 10.2 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.840 | 5.840 | 0.000 | 97 | 483063 | 10.0 | 10.1 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.840 | 5.840 | 0.000 | 97 | 615297 | 10.0 | 10.0 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.905 | 5.905 | 0.000 | 90 | 722945 | 10.0 | 10.3 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.958 | 5.958 | 0.000 | 90 | 379686 | 10.0 | 10.2 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.993 | 5.993 | 0.000 | 98 | 419676 | 10.0 | 10.5 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.040 | 6.040 | 0.000 | 97 | 1273743 | 10.0 | 9.01 | |
| 52 1,1'-Biphenyl | 154 | 6.128 | 6.128 | 0.000 | 96 | 1415837 | 10.0 | 9.96 | |
| 53 2-Chloronaphthalene | 162 | 6.134 | 6.134 | 0.000 | 95 | 1106713 | 10.0 | 9.91 | |
| 54 Phenyl ether | 170 | 6.234 | 6.234 | 0.000 | 87 | 754582 | 10.0 | 9.83 | |
| 55 2-Nitroaniline | 65 | 6.246 | 6.246 | 0.000 | 98 | 356730 | 10.0 | 10.1 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.352 | 6.352 | 0.000 | 91 | 759597 | 10.0 | 9.79 | |
| 60 Coumarin | 146 | 6.434 | 6.434 | 0.000 | 80 | 404388 | 10.0 | 11.4 | |
| 59 Dimethyl phthalate | 163 | 6.440 | 6.440 | 0.000 | 97 | 1195710 | 10.0 | 10.5 | |
| 61 2,6-Dinitrotoluene | 165 | 6.487 | 6.487 | 0.000 | 96 | 265586 | 10.0 | 10.8 | |
| 62 Acenaphthylene | 152 | 6.528 | 6.528 | 0.000 | 98 | 1716761 | 10.0 | 9.96 | |
| 63 3-Nitroaniline | 138 | 6.640 | 6.640 | 0.000 | 97 | 285790 | 10.0 | 11.1 | |
| * 64 Acenaphthene-d10 | 164 | 6.669 | 6.669 | 0.000 | 96 | 719899 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.699 | 6.699 | 0.000 | 95 | 995027 | 10.0 | 9.72 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.722 | 6.722 | 0.000 | 97 | 979391 | 10.0 | 10.1 | |
| 67 2,4-Dinitrophenol | 184 | 6.740 | 6.740 | 0.000 | 96 | 319295 | 20.0 | 26.1 | |
| 68 4-Nitrophenol | 65 | 6.840 | 6.840 | 0.000 | 88 | 403611 | 20.0 | 25.8 | |
| 70 Dibenzofuran | 168 | 6.863 | 6.863 | 0.000 | 99 | 1522756 | 10.0 | 10.2 | |
| 69 2,4-Dinitrotoluene | 165 | 6.863 | 6.863 | 0.000 | 95 | 372736 | 10.0 | 12.7 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.993 | 6.993 | 0.000 | 95 | 325542 | 10.0 | 11.4 | |
| 73 Diethyl phthalate | 149 | 7.116 | 7.116 | 0.000 | 98 | 1166893 | 10.0 | 10.4 | |
| 75 Fluorene | 166 | 7.187 | 7.187 | 0.000 | 95 | 1209148 | 10.0 | 10.3 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.199 | 7.199 | 0.000 | 93 | 602286 | 10.0 | 10.5 | |
| 76 4-Nitroaniline | 138 | 7.222 | 7.222 | 0.000 | 88 | 278676 | 10.0 | 12.1 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.252 | 7.252 | 0.000 | 89 | 433726 | 20.0 | 23.0 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.316 | 7.316 | 0.000 | 96 | 848682 | 10.0 | 9.51 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.352 | 7.352 | 0.000 | 94 | 1160965 | 10.0 | 8.82 | |
| 131 Azobenzene | 77 | 7.352 | 7.352 | 0.000 | 0 | 1161007 | 10.0 | 8.72 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.416 | 7.416 | 0.000 | 91 | 289977 | 10.0 | 9.74 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.663 | 7.663 | 0.000 | 94 | 379631 | 10.0 | 9.38 | |
| 82 Hexachlorobenzene | 284 | 7.716 | 7.716 | 0.000 | 95 | 495118 | 10.0 | 9.63 | |
| 83 Atrazine | 200 | 7.840 | 7.840 | 0.000 | 94 | 127072 | 4.00 | 4.41 | |
| 84 Pentachlorophenol | 266 | 7.910 | 7.910 | 0.000 | 94 | 589899 | 20.0 | 22.6 | |
| 85 Pentachloronitrobenzene | 237 | 7.916 | 7.916 | 0.000 | 90 | 128914 | 10.0 | 10.4 | |
| 86 n-Octadecane | 57 | 8.028 | 8.028 | 0.000 | 91 | 680444 | 10.0 | 8.66 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.069 | 8.069 | 0.000 | 98 | 1286510 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.093 | 8.093 | 0.000 | 98 | 1652311 | 10.0 | 9.81 | |
| 89 Anthracene | 178 | 8.140 | 8.140 | 0.000 | 98 | 1720112 | 10.0 | 10.2 | |
| 90 Carbazole | 167 | 8.305 | 8.305 | 0.000 | 96 | 1483561 | 10.0 | 10.6 | |
| 91 Di-n-butyl phthalate | 149 | 8.669 | 8.669 | 0.000 | 99 | 1705121 | 10.0 | 10.8 | |
| 92 Fluoranthene | 202 | 9.216 | 9.216 | 0.000 | 97 | 1653333 | 10.0 | 11.3 | |
| 93 Benzidine | 184 | 9.363 | 9.363 | 0.000 | 99 | 630221 | 10.0 | 11.6 | |
| 94 Pyrene | 202 | 9.422 | 9.422 | 0.000 | 97 | 1725687 | 10.0 | 8.72 | |
| 95 Bisphenol-A | 213 | 9.522 | 9.522 | 0.000 | 99 | 623216 | 10.0 | 9.59 | |
| $ 96 Terphenyl-d14 | 244 | 9.604 | 9.604 | 0.000 | 98 | 1357843 | 10.0 | 7.86 | |
| 97 Butyl benzyl phthalate | 149 | 10.087 | 10.087 | 0.000 | 96 | 643749 | 10.0 | 9.82 | |
| 98 2,3,7,8-TCDD | 320 | 10.151 | 10.151 | 0.000 | 94 | 2427 | 0.1000 | 0.0842 | |
| 99 Carbamazepine | 193 | 10.169 | 10.169 | 0.000 | 92 | 467422 | 10.0 | 9.31 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.593 | 10.593 | 0.000 | 99 | 606249 | 10.0 | 10.5 | |
| 101 Benzo[a]anthracene | 228 | 10.599 | 10.599 | 0.000 | 99 | 1522468 | 10.0 | 9.99 | |
| * 102 Chrysene-d12 | 240 | 10.604 | 10.604 | 0.000 | 99 | 919321 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.634 | 10.634 | 0.000 | 98 | 1398032 | 10.0 | 9.71 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.704 | 10.704 | 0.000 | 86 | 919571 | 10.0 | 10.6 | |
| 105 Di-n-octyl phthalate | 149 | 11.463 | 11.463 | 0.000 | 96 | 1237732 | 10.0 | 9.58 | |
| 106 Benzo[b]fluoranthene | 252 | 11.851 | 11.851 | 0.000 | 98 | 1265213 | 10.0 | 10.4 | |
| 107 Benzo[k]fluoranthene | 252 | 11.887 | 11.887 | 0.000 | 99 | 1384995 | 10.0 | 10.9 | |
| 108 Benzo[a]pyrene | 252 | 12.263 | 12.263 | 0.000 | 98 | 1130962 | 10.0 | 10.9 | |
| * 109 Perylene-d12 | 264 | 12.334 | 12.334 | 0.000 | 99 | 810155 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 13.751 | 13.751 | 0.000 | 99 | 1151718 | 10.0 | 11.4 | |
| 111 Dibenz(a,h)anthracene | 278 | 13.792 | 13.792 | 0.000 | 98 | 1140212 | 10.0 | 11.4 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.098 | 14.098 | 0.000 | 98 | 1101696 | 10.0 | 11.2 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

## Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 15-Aug-2025 04:45:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59950.d

Injection Date: 14-Aug-2025 16:31:57 Instrument ID: CBNAMS14 Operator ID:

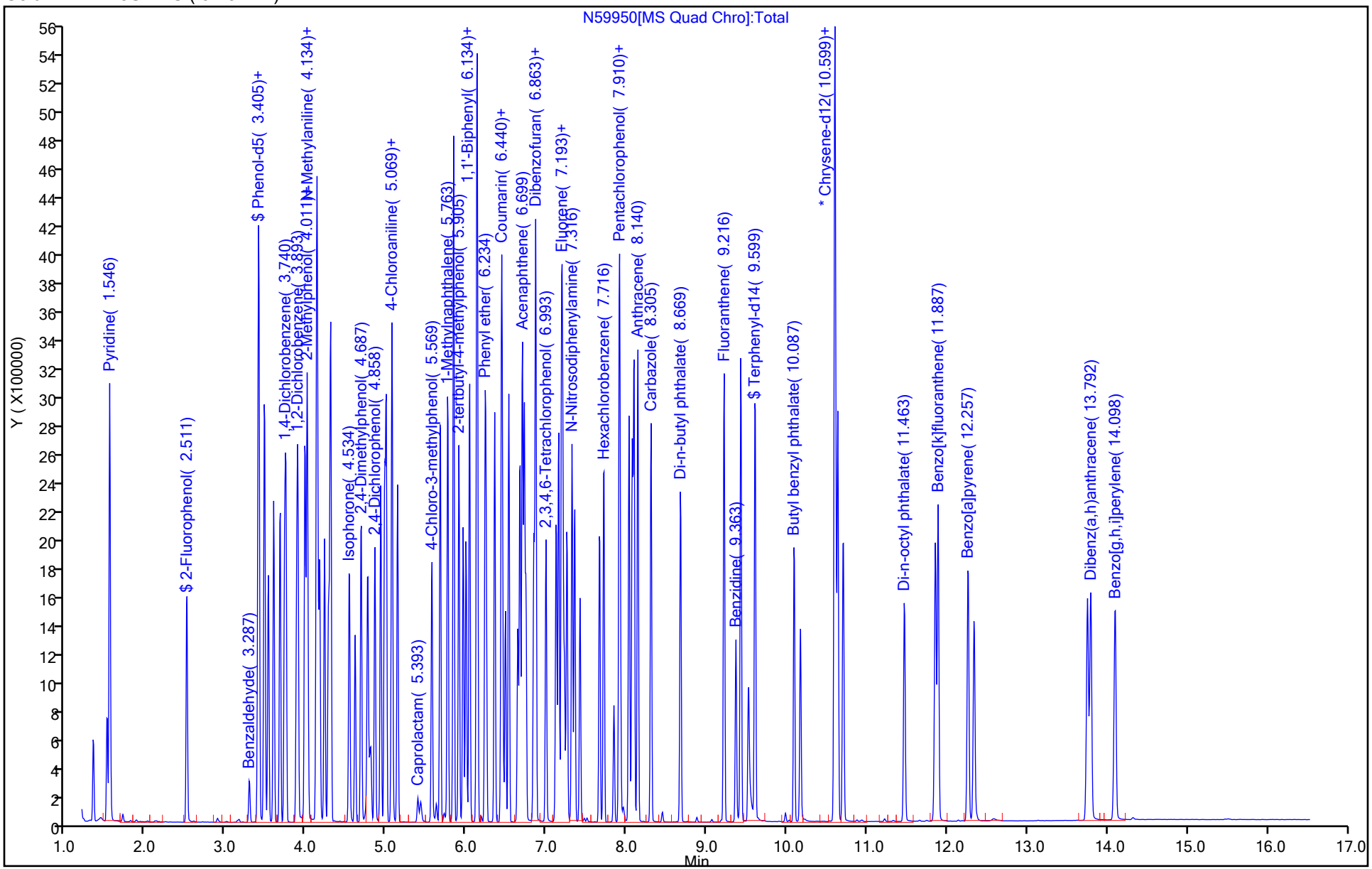
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1054842/12 | Calibration Date: 08/11/2025 11:55

Instrument ID: CBNAMS18 | Calib Start Date: 08/11/2025 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 08/11/2025 11:34

Lab File ID: P94227.D | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Qua1 | | 0.5948 | | 9840 | 10000 | -1.6 | 30.0 |
| N-Nitrosodimethylamine | Ave | 0.9513 | 0.9562 | | 10100 | 10000 | 0.5 | 30.0 |
| Pyridine | Ave | 1.510 | 1.661 | | 22000 | 20000 | 10.0 | 30.0 |
| Benzaldehyde | Ave | 1.347 | 1.298 | 0.0100 | 3850 | 4000 | -3.6 | 30.0 |
| Phenol | Ave | 1.843 | 1.831 | 0.8000 | 9930 | 10000 | -0.7 | 30.0 |
| Aniline | Ave | 2.375 | 2.392 | | 10100 | 10000 | 0.7 | 30.0 |
| Bis(2-chloroethyl)ether | Ave | 1.493 | 1.428 | 0.7000 | 9570 | 10000 | -4.3 | 30.0 |
| 2-Chlorophenol | Ave | 1.433 | 1.462 | 0.8000 | 10200 | 10000 | 2.0 | 30.0 |
| n-Decane | Ave | 1.648 | 1.610 | | 9780 | 10000 | -2.2 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.532 | 1.530 | | 9980 | 10000 | -0.2 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.582 | 1.560 | | 9860 | 10000 | -1.4 | 30.0 |
| Benzyl alcohol | Ave | 0.8410 | 0.9356 | | 11100 | 10000 | 11.2 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.531 | 1.485 | 0.0100 | 9700 | 10000 | -3.0 | 30.0 |
| 2-Methylphenol | Ave | 1.324 | 1.349 | 0.7000 | 10200 | 10000 | 1.9 | 30.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 2.010 | 1.924 | 0.0100 | 9570 | 10000 | -4.3 | 30.0 |
| N-Methylaniline | Ave | 2.339 | 2.424 | | 10400 | 10000 | 3.6 | 30.0 |
| 3 & 4 Methylphenol | Ave | 1.501 | 1.524 | | 10100 | 10000 | 1.5 | 30.0 |
| 4-Methylphenol | Ave | 1.490 | 1.517 | 0.6000 | 10200 | 10000 | 1.8 | 30.0 |
| Acetophenone | Ave | 2.153 | 2.132 | 0.0100 | 9900 | 10000 | -1.0 | 30.0 |
| N-Nitrosodi-n-propylamine | Ave | 1.117 | 1.143 | 0.5000 | 10200 | 10000 | 2.3 | 30.0 |
| Hexachloroethane | Ave | 0.5979 | 0.5928 | 0.3000 | 9920 | 10000 | -0.8 | 30.0 |
| Nitrobenzene | Ave | 0.7382 | 0.7149 | 0.2000 | 9690 | 10000 | -3.1 | 30.0 |
| n,n'-Dimethylaniline | Ave | 2.307 | 2.413 | | 10500 | 10000 | 4.6 | 30.0 |
| Isophorone | Ave | 0.7222 | 0.7318 | 0.4000 | 10100 | 10000 | 1.3 | 30.0 |
| 2-Nitrophenol | Ave | 0.1870 | 0.1887 | 0.1000 | 10100 | 10000 | 0.9 | 30.0 |
| 2,4-Dimethylphenol | Ave | 0.3021 | 0.3230 | 0.2000 | 10700 | 10000 | 6.9 | 30.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4360 | 0.4380 | 0.3000 | 10000 | 10000 | 0.5 | 30.0 |
| Benzoic acid | Lin2 | | 0.1909 | | 9220 | 10000 | -7.8 | 30.0 |
| 2,4-Dichlorophenol | Ave | 0.2554 | 0.2684 | 0.2000 | 10500 | 10000 | 5.1 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.2791 | 0.2768 | | 9920 | 10000 | -0.8 | 30.0 |
| Naphthalene | Ave | 1.080 | 1.062 | 0.7000 | 9830 | 10000 | -1.7 | 30.0 |
| 4-Chloroaniline | Ave | 0.4188 | 0.4357 | 0.0100 | 10400 | 10000 | 4.1 | 30.0 |
| Hexachlorobutadiene | Ave | 0.1435 | 0.1459 | 0.0100 | 10200 | 10000 | 1.7 | 30.0 |
| Caprolactam | Ave | 0.1479 | 0.1445 | 0.0100 | 3910 | 4000 | -2.3 | 30.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2788 | 0.2980 | 0.2000 | 10700 | 10000 | 6.9 | 30.0 |
| 2-Methylnaphthalene | Ave | 0.6359 | 0.6096 | 0.4000 | 9590 | 10000 | -4.1 | 30.0 |
| 1-Methylnaphthalene | Ave | 0.6486 | 0.6387 | | 9850 | 10000 | -1.5 | 30.0 |
| Hexachlorocyclopentadiene | Ave | 0.4230 | 0.4454 | 0.0500 | 10500 | 10000 | 5.3 | 30.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.5273 | 0.5523 | 0.0100 | 10500 | 10000 | 4.7 | 30.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.4057 | 0.4369 | | 10800 | 10000 | 7.7 | 30.0 |
| 2,4,6-Trichlorophenol | Lin2 | | 0.3773 | 0.2000 | 10400 | 10000 | 4.0 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1054842/12 Calibration Date: 08/11/2025 11:55

Instrument ID: CBNAMS18 Calib Start Date: 08/11/2025 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/11/2025 11:34

Lab File ID: P94227.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.3830 | 0.4149 | 0.2000 | 10800 | 10000 | 8.3 | 30.0 |
| 1,1'-Biphenyl | Ave | 1.660 | 1.724 | 0.0100 | 10400 | 10000 | 3.8 | 30.0 |
| 2-Chloronaphthalene | Ave | 1.231 | 1.270 | 0.8000 | 10300 | 10000 | 3.1 | 30.0 |
| Phenyl ether | Ave | 0.8377 | 0.8858 | | 10600 | 10000 | 5.7 | 30.0 |
| 2-Nitroaniline | Ave | 0.5365 | 0.5410 | 0.0100 | 10100 | 10000 | 0.9 | 30.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.8977 | 0.9304 | | 10400 | 10000 | 3.6 | 30.0 |
| Dimethyl phthalate | Ave | 1.343 | 1.359 | 0.0100 | 10100 | 10000 | 1.2 | 30.0 |
| Coumarin | Ave | 0.2159 | 0.2225 | | 10300 | 10000 | 3.1 | 30.0 |
| 2,6-Dinitrotoluene | Ave | 0.2972 | 0.3122 | 0.2000 | 10500 | 10000 | 5.0 | 30.0 |
| Acenaphthylene | Ave | 2.049 | 2.090 | 0.6000 | 10200 | 10000 | 2.0 | 30.0 |
| 3-Nitroaniline | Ave | 0.3417 | 0.3623 | 0.0100 | 10600 | 10000 | 6.0 | 30.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.9882 | 1.056 | | 10700 | 10000 | 6.8 | 30.0 |
| Acenaphthene | Ave | 1.185 | 1.212 | 0.9000 | 10200 | 10000 | 2.2 | 30.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.1966 | 0.0100 | 20300 | 20000 | 1.5 | 30.0 |
| 4-Nitrophenol | Ave | 0.2856 | 0.3051 | 0.0100 | 21400 | 20000 | 6.8 | 30.0 |
| 2,4-Dinitrotoluene | Ave | 0.3825 | 0.4086 | 0.2000 | 10700 | 10000 | 6.8 | 30.0 |
| Dibenzofuran | Ave | 1.707 | 1.727 | 0.8000 | 10100 | 10000 | 1.2 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.2879 | 0.3035 | 0.0100 | 10500 | 10000 | 5.4 | 30.0 |
| Diethyl phthalate | Ave | 1.399 | 1.414 | 0.0100 | 10100 | 10000 | 1.1 | 30.0 |
| n-Octadecane | Ave | 0.6458 | 0.6498 | | 10100 | 10000 | 0.6 | 30.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.5882 | 0.5874 | 0.4000 | 9990 | 10000 | -0.1 | 30.0 |
| Fluorene | Ave | 1.394 | 1.404 | 0.9000 | 10100 | 10000 | 0.7 | 30.0 |
| 4-Nitroaniline | Ave | 0.3245 | 0.3506 | 0.0100 | 10800 | 10000 | 8.1 | 30.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1326 | 0.1461 | 0.0100 | 22000 | 20000 | 10.2 | 30.0 |
| N-Nitrosodiphenylamine | Ave | 0.5829 | 0.5918 | 0.0100 | 10200 | 10000 | 1.5 | 30.0 |
| 1,2-Diphenylhydrazine | Ave | 0.9587 | 0.998 | | 10400 | 10000 | 4.1 | 30.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2000 | 0.2035 | 0.1000 | 10200 | 10000 | 1.8 | 30.0 |
| Hexachlorobenzene | Ave | 0.2148 | 0.2327 | 0.1000 | 10800 | 10000 | 8.3 | 30.0 |
| Atrazine | Ave | 0.1910 | 0.2032 | 0.0100 | 4250 | 4000 | 6.4 | 30.0 |
| Pentachlorophenol | Ave | 0.1446 | 0.1619 | 0.0500 | 22400 | 20000 | 11.9 | 30.0 |
| Pentachloronitrobenzene | Ave | 0.0649 | 0.0694 | 0.0100 | 10700 | 10000 | 7.0 | 30.0 |
| Phenanthrene | Ave | 1.107 | 1.123 | 0.7000 | 10100 | 10000 | 1.4 | 30.0 |
| Anthracene | Ave | 1.137 | 1.158 | 0.7000 | 10200 | 10000 | 1.9 | 30.0 |
| Carbazole | Ave | 1.003 | 1.011 | 0.0100 | 10100 | 10000 | 0.8 | 30.0 |
| Di-n-butyl phthalate | Ave | 1.165 | 1.224 | 0.0100 | 10500 | 10000 | 5.0 | 30.0 |
| Fluoranthene | Ave | 1.005 | 1.023 | 0.6000 | 10200 | 10000 | 1.8 | 30.0 |
| Benzidine | Qua1 | | 0.6540 | | 11400 | 10000 | 14.2 | 30.0 |
| Pyrene | Ave | 1.730 | 1.765 | 0.6000 | 10200 | 10000 | 2.0 | 30.0 |
| Bisphenol-A | Lin1 | | 0.4237 | | 7560 | 10000 | -24.4 | 30.0 |
| Butyl benzyl phthalate | Ave | 0.7017 | 0.7759 | 0.0100 | 11100 | 10000 | 10.6 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab Sample ID: ICV 460-1054842/12  Calibration Date: 08/11/2025 11:55

Instrument ID: CBNAMS18  Calib Start Date: 08/11/2025 08:22

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 08/11/2025 11:34

Lab File ID: P94227.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Carbamazepine | Qua1 | | 0.5528 | | 10700 | 10000 | 6.9 | 30.0 |
| 3,3'-Dichlorobenzidine | Ave | 0.4683 | 0.5341 | 0.0100 | 11400 | 10000 | 14.1 | 30.0 |
| Benzo[a]anthracene | Lin2 | | 1.364 | 0.8000 | 10300 | 10000 | 2.8 | 30.0 |
| Chrysene | Ave | 1.258 | 1.266 | 0.7000 | 10100 | 10000 | 0.6 | 30.0 |
| Bis(2-ethylhexyl) phthalate | Qua1 | | 1.132 | 0.0100 | 10100 | 10000 | 0.7 | 30.0 |
| Di-n-octyl phthalate | Qua1 | | 1.747 | 0.0100 | 9900 | 10000 | -1.0 | 30.0 |
| Benzo[b]fluoranthene | Ave | 1.176 | 1.235 | | 10500 | 10000 | 5.1 | 30.0 |
| Benzo[k]fluoranthene | Ave | 1.232 | 1.281 | 0.7000 | 10400 | 10000 | 3.9 | 30.0 |
| Benzo[a]pyrene | Ave | 1.080 | 1.180 | 0.7000 | 10900 | 10000 | 9.3 | 30.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 0.997 | 1.126 | 0.5000 | 11300 | 10000 | 12.9 | 30.0 |
| Dibenz(a,h)anthracene | Ave | 1.006 | 1.116 | 0.4000 | 11100 | 10000 | 10.9 | 30.0 |
| Benzo[g,h,i]perylene | Ave | 0.9850 | 1.069 | 0.5000 | 10900 | 10000 | 8.5 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94227.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 11-Aug-2025 11:55:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-012
Operator ID: Instrument ID: CBNAMS18
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:54:09 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 12:54:20

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 88 | 1.978 | 1.984 | -0.006 | 97 | 231680 | 10.0 | 9.84 | |
| 2 | N-Nitrosodimethylamine | 74 | 2.176 | 2.182 | -0.006 | 87 | 372421 | 10.0 | 10.1 | |
| 3 | Pyridine | 79 | 2.211 | 2.217 | -0.006 | 92 | 1293509 | 20.0 | 22.0 | |
| 5 | Benzaldehyde | 77 | 4.056 | 4.056 | 0.000 | 95 | 202206 | 4.00 | 3.85 | E |
| 7 | Phenol | 94 | 4.113 | 4.117 | -0.004 | 99 | 713041 | 10.0 | 9.93 | |
| 8 | Aniline | 93 | 4.155 | 4.158 | -0.003 | 99 | 931814 | 10.0 | 10.1 | |
| 9 | Bis(2-chloroethyl)ether | 93 | 4.215 | 4.216 | -0.001 | 96 | 556137 | 10.0 | 9.57 | |
| 10 | Benzonitrile | 103 | 4.235 | 4.241 | -0.007 | 99 | 1169450 | NC | NC | |
| 11 | 2-Chlorophenol | 128 | 4.266 | 4.270 | -0.004 | 94 | 569260 | 10.0 | 10.2 | |
| 12 | n-Decane | 43 | 4.318 | 4.318 | 0.000 | 90 | 627251 | 10.0 | 9.78 | |
| 13 | 1,3-Dichlorobenzene | 146 | 4.417 | 4.420 | -0.003 | 93 | 595951 | 10.0 | 9.98 | |
| * 14 | 1,4-Dichlorobenzene-d4 | 152 | 4.471 | 4.471 | 0.000 | 97 | 311583 | 8.00 | 8.00 | |
| 15 | 1,4-Dichlorobenzene | 146 | 4.487 | 4.487 | 0.000 | 92 | 607651 | 10.0 | 9.86 | |
| 17 | Benzyl alcohol | 108 | 4.592 | 4.596 | -0.004 | 91 | 364385 | 10.0 | 11.1 | |
| 18 | 1,2-Dichlorobenzene | 146 | 4.631 | 4.631 | 0.000 | 93 | 578205 | 10.0 | 9.70 | |
| 20 | 2-Methylphenol | 108 | 4.695 | 4.695 | 0.000 | 87 | 525549 | 10.0 | 10.2 | |
| 21 | 2,2'-oxybis[1-chloropropane] | 45 | 4.727 | 4.727 | 0.000 | 92 | 749229 | 10.0 | 9.57 | |
| 22 | N-Methylaniline | 106 | 4.842 | 4.842 | 0.000 | 91 | 944121 | 10.0 | 10.4 | a |
| 26 | 4-Methylphenol | 108 | 4.845 | 4.845 | 0.000 | 82 | 590960 | 10.0 | 10.2 | |
| 25 | 3 & 4 Methylphenol | 108 | 4.845 | 4.845 | 0.000 | 0 | 593384 | 10.0 | 10.1 | |
| 23 | Acetophenone | 105 | 4.851 | 4.855 | -0.004 | 91 | 830200 | 10.0 | 9.90 | |
| 24 | N-Nitrosodi-n-propylamine | 70 | 4.851 | 4.855 | -0.004 | 91 | 445023 | 10.0 | 10.2 | |
| 27 | Hexachloroethane | 117 | 4.953 | 4.954 | -0.001 | 92 | 230894 | 10.0 | 9.92 | |
| 29 | Nitrobenzene | 123 | 5.011 | 5.018 | -0.007 | 92 | 278445 | 10.0 | 9.69 | |
| 30 | n,n'-Dimethylaniline | 120 | 5.017 | 5.018 | -0.001 | 98 | 939735 | 10.0 | 10.5 | |
| 31 | Isophorone | 82 | 5.241 | 5.244 | -0.003 | 99 | 1150737 | 10.0 | 10.1 | |
| 32 | 2-Nitrophenol | 139 | 5.314 | 5.315 | -0.001 | 86 | 296768 | 10.0 | 10.1 | |
| 33 | 2,4-Dimethylphenol | 122 | 5.353 | 5.353 | 0.000 | 89 | 507873 | 10.0 | 10.7 | |
| 34 | Bis(2-chloroethoxy)methane | 93 | 5.449 | 5.449 | 0.000 | 99 | 688733 | 10.0 | 10.0 | |
| 35 | Benzoic acid | 122 | 5.452 | 5.455 | -0.003 | 95 | 300142 | 10.0 | 9.22 | |
| 36 | 2,4-Dichlorophenol | 162 | 5.541 | 5.542 | -0.001 | 93 | 422073 | 10.0 | 10.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 37 1,2,4-Trichlorobenzene | 180 | 5.624 | 5.628 | -0.004 | 94 | 435280 | 10.0 | 9.92 | |
| * 38 Naphthalene-d8 | 136 | 5.679 | 5.682 | -0.003 | 100 | 1257975 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.701 | 5.705 | -0.004 | 99 | 1670150 | 10.0 | 9.83 | |
| 40 4-Chloroaniline | 127 | 5.749 | 5.753 | -0.004 | 96 | 685196 | 10.0 | 10.4 | |
| 41 2,6-Dichlorophenol | 162 | 5.759 | 5.759 | 0.000 | 94 | 390155 | 10.0 | 9.78 | |
| 42 Hexachlorobutadiene | 225 | 5.820 | 5.823 | -0.003 | 92 | 229393 | 10.0 | 10.2 | |
| 44 Caprolactam | 55 | 6.075 | 6.123 | -0.048 | 90 | 90885 | 4.00 | 3.91 | |
| 45 4-Chloro-3-methylphenol | 107 | 6.209 | 6.213 | -0.004 | 96 | 468599 | 10.0 | 10.7 | |
| 46 2-Methylnaphthalene | 142 | 6.359 | 6.363 | -0.004 | 83 | 958556 | 10.0 | 9.59 | |
| 47 1-Methylnaphthalene | 142 | 6.452 | 6.456 | -0.004 | 92 | 1004359 | 10.0 | 9.85 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.510 | 6.513 | -0.003 | 96 | 327641 | 10.0 | 10.5 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.519 | 6.523 | -0.004 | 94 | 406284 | 10.0 | 10.5 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.548 | 6.552 | -0.004 | 89 | 687063 | 10.0 | 10.8 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.625 | 6.628 | -0.003 | 85 | 277580 | 10.0 | 10.4 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.654 | 6.657 | -0.003 | 93 | 305182 | 10.0 | 10.8 | |
| 54 1,1'-Biphenyl | 154 | 6.804 | 6.807 | -0.003 | 96 | 1267929 | 10.0 | 10.4 | |
| 55 2-Chloronaphthalene | 162 | 6.820 | 6.823 | -0.003 | 99 | 933921 | 10.0 | 10.3 | |
| 56 Phenyl ether | 170 | 6.906 | 6.910 | -0.004 | 91 | 651648 | 10.0 | 10.6 | |
| 57 2-Nitroaniline | 65 | 6.916 | 6.919 | -0.003 | 96 | 397987 | 10.0 | 10.1 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.031 | 7.034 | -0.003 | 90 | 684460 | 10.0 | 10.4 | |
| 59 Dimethyl phthalate | 163 | 7.098 | 7.102 | -0.004 | 98 | 999665 | 10.0 | 10.1 | |
| 60 Coumarin | 146 | 7.114 | 7.118 | -0.004 | 77 | 349797 | 10.0 | 10.3 | |
| 61 2,6-Dinitrotoluene | 165 | 7.152 | 7.153 | -0.001 | 91 | 229640 | 10.0 | 10.5 | |
| 62 Acenaphthylene | 152 | 7.213 | 7.217 | -0.004 | 97 | 1537632 | 10.0 | 10.2 | |
| 63 3-Nitroaniline | 138 | 7.306 | 7.309 | -0.003 | 93 | 266485 | 10.0 | 10.6 | |
| * 64 Acenaphthene-d10 | 164 | 7.347 | 7.351 | -0.004 | 97 | 588501 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.373 | 7.377 | -0.004 | 97 | 776663 | 10.0 | 10.7 | |
| 65 Acenaphthene | 154 | 7.379 | 7.383 | -0.004 | 96 | 891250 | 10.0 | 10.2 | |
| 67 2,4-Dinitrophenol | 184 | 7.405 | 7.409 | -0.004 | 91 | 289295 | 20.0 | 20.3 | a |
| 68 4-Nitrophenol | 65 | 7.463 | 7.466 | -0.003 | 95 | 448918 | 20.0 | 21.4 | |
| 69 2,4-Dinitrotoluene | 165 | 7.530 | 7.533 | -0.003 | 93 | 300576 | 10.0 | 10.7 | |
| 70 Dibenzofuran | 168 | 7.543 | 7.546 | -0.003 | 97 | 1270686 | 10.0 | 10.1 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.655 | 7.658 | -0.003 | 89 | 223289 | 10.0 | 10.5 | |
| 72 Diethyl phthalate | 149 | 7.770 | 7.776 | -0.006 | 97 | 1039977 | 10.0 | 10.1 | |
| 87 n-Octadecane | 57 | 7.795 | 7.799 | -0.004 | 95 | 782397 | 10.0 | 10.1 | |
| 73 Fluorene | 166 | 7.869 | 7.872 | -0.003 | 98 | 1032566 | 10.0 | 10.1 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.869 | 7.872 | -0.003 | 88 | 432119 | 10.0 | 9.99 | |
| 75 4-Nitroaniline | 138 | 7.888 | 7.891 | -0.003 | 93 | 257942 | 10.0 | 10.8 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.917 | 7.920 | -0.003 | 75 | 351845 | 20.0 | 22.0 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.981 | 7.987 | -0.006 | 79 | 712573 | 10.0 | 10.2 | |
| 131 Azobenzene | 77 | 8.019 | 8.026 | -0.007 | 98 | 1201931 | 10.0 | 10.1 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.019 | 8.026 | -0.007 | 51 | 1201881 | 10.0 | 10.4 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.332 | 8.336 | -0.004 | 80 | 245063 | 10.0 | 10.2 | |
| 82 Hexachlorobenzene | 284 | 8.387 | 8.390 | -0.003 | 99 | 280231 | 10.0 | 10.8 | |
| 83 Atrazine | 200 | 8.489 | 8.496 | -0.007 | 89 | 97850 | 4.00 | 4.25 | |
| 84 Pentachlorophenol | 266 | 8.572 | 8.576 | -0.004 | 92 | 389869 | 20.0 | 22.4 | |
| 85 Pentachloronitrobenzene | 237 | 8.588 | 8.592 | -0.004 | 85 | 83615 | 10.0 | 10.7 | |
| * 88 Phenanthrene-d10 | 188 | 8.751 | 8.758 | -0.007 | 99 | 963261 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.777 | 8.780 | -0.003 | 98 | 1351618 | 10.0 | 10.1 | |
| 90 Anthracene | 178 | 8.825 | 8.828 | -0.003 | 98 | 1394787 | 10.0 | 10.2 | |
| 91 Carbazole | 167 | 8.975 | 8.979 | -0.004 | 96 | 1217821 | 10.0 | 10.1 | |
| 92 Di-n-butyl phthalate | 149 | 9.320 | 9.327 | -0.007 | 99 | 1473330 | 10.0 | 10.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 93 Fluoranthene | 202 | 9.901 | 9.908 | -0.007 | 97 | 1232298 | 10.0 | 10.2 | |
| 94 Benzidine | 184 | 10.032 | 10.036 | -0.004 | 99 | 787419 | 10.0 | 11.4 | |
| 95 Pyrene | 202 | 10.115 | 10.122 | -0.007 | 96 | 1260391 | 10.0 | 10.2 | |
| 96 Bisphenol-A | 213 | 10.166 | 10.170 | -0.004 | 97 | 302592 | 10.0 | 7.56 | |
| 98 Butyl benzyl phthalate | 149 | 10.790 | 10.796 | -0.006 | 97 | 554090 | 10.0 | 11.1 | |
| 100 Carbamazepine | 193 | 10.889 | 10.895 | -0.006 | 92 | 394791 | 10.0 | 10.7 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.365 | 11.371 | -0.006 | 99 | 381407 | 10.0 | 11.4 | |
| 102 Benzo[a]anthracene | 228 | 11.387 | 11.394 | -0.007 | 100 | 974403 | 10.0 | 10.3 | |
| * 103 Chrysene-d12 | 240 | 11.400 | 11.407 | -0.007 | 98 | 571303 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.432 | 11.439 | -0.007 | 97 | 903772 | 10.0 | 10.1 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.467 | 11.474 | -0.007 | 89 | 808690 | 10.0 | 10.1 | |
| 106 Di-n-octyl phthalate | 149 | 12.323 | 12.330 | -0.007 | 97 | 1193569 | 10.0 | 9.90 | |
| 107 Benzo[b]fluoranthene | 252 | 12.777 | 12.787 | -0.010 | 98 | 844153 | 10.0 | 10.5 | |
| 108 Benzo[k]fluoranthene | 252 | 12.818 | 12.828 | -0.010 | 99 | 875320 | 10.0 | 10.4 | |
| 109 Benzo[a]pyrene | 252 | 13.234 | 13.240 | -0.006 | 96 | 806587 | 10.0 | 10.9 | |
| * 110 Perylene-d12 | 264 | 13.314 | 13.320 | -0.006 | 98 | 546669 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.901 | 14.917 | -0.016 | 98 | 769250 | 10.0 | 11.3 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.952 | 14.965 | -0.013 | 97 | 762394 | 10.0 | 11.1 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.348 | 15.362 | -0.014 | 97 | 730329 | 10.0 | 10.9 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

## Reagents:

SV_ICV_ LVI_00012 Amount Added: 1.00 Units: mL

Report Date: 11-Aug-2025 12:54:22 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94227.D

Injection Date: 11-Aug-2025 11:55:30 Instrument ID: CBNAMS18 Operator ID:

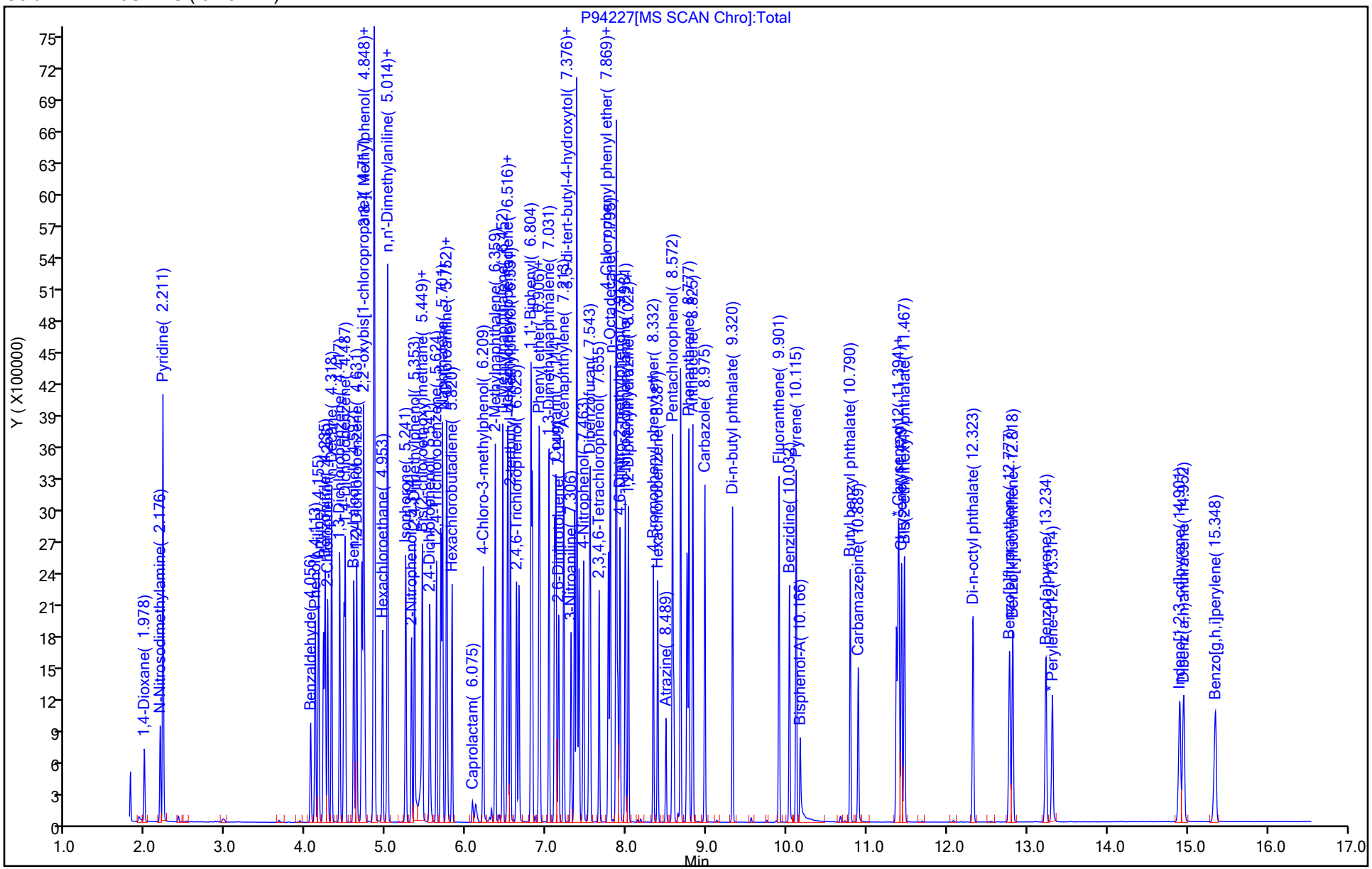
Lims ID: ICV Worklist Smp#: 12

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

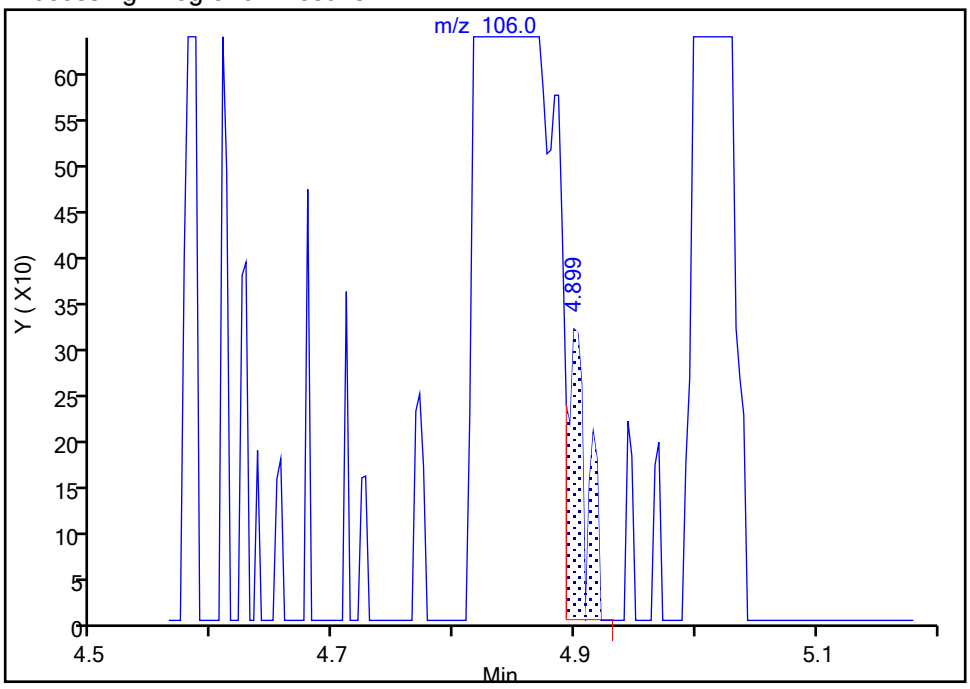
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94227.D
Injection Date: 11-Aug-2025 11:55:30 Instrument ID: CBNAMS18
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Methylaniline, CAS: 100-61-8

Signal: 1

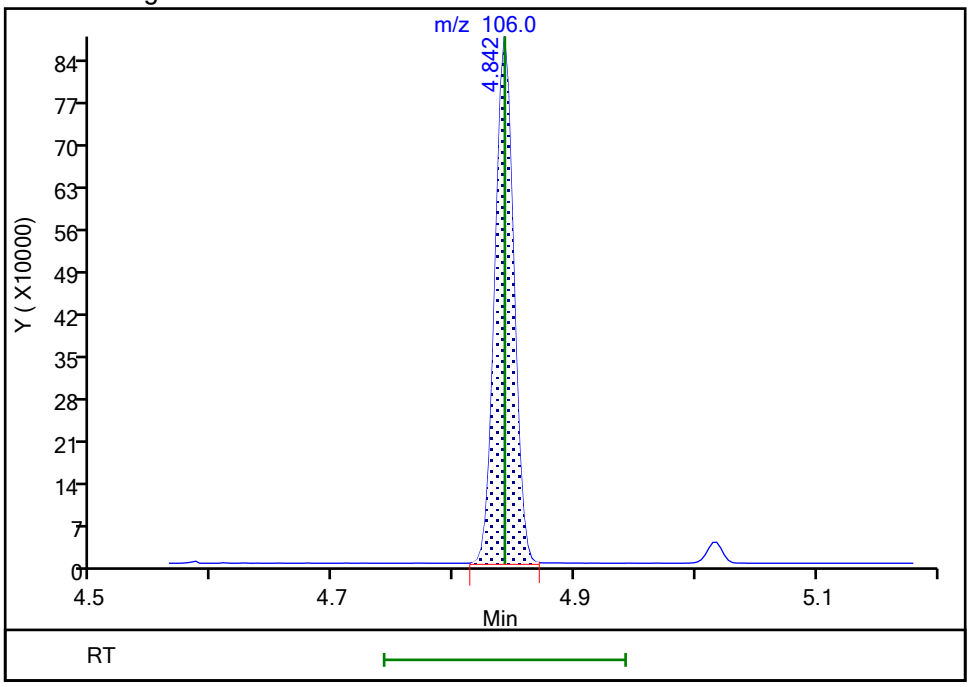
Processing Integration Results

RT: 4.90
Area: 359
Amount: 0.003940
Amount Units: ug/ml




Manual Integration Results

RT: 4.84
Area: 944121
Amount: 10.362606
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 12:25:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

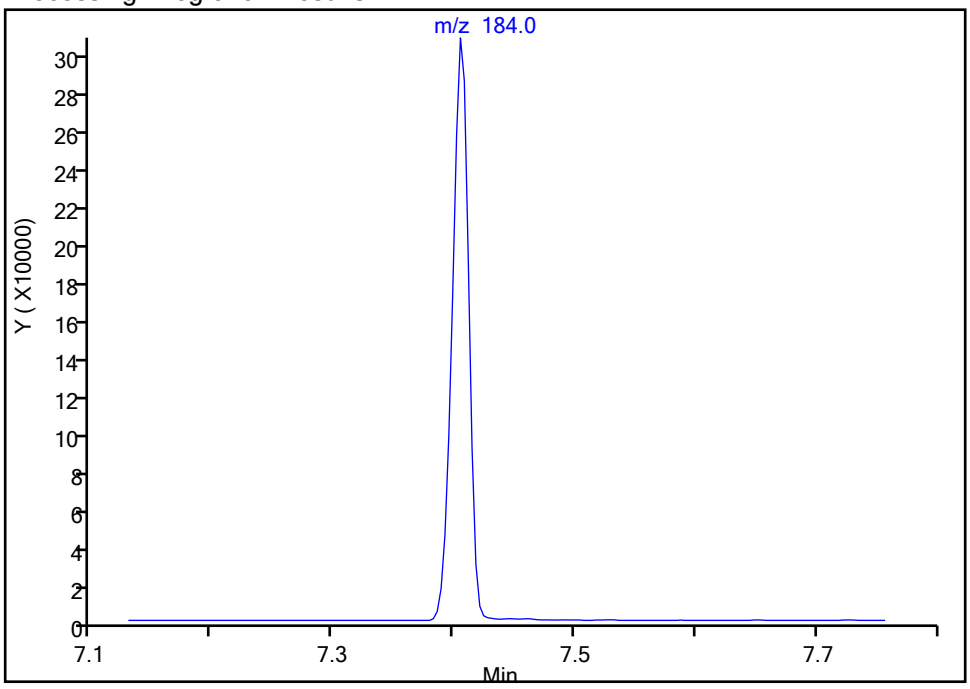
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94227.D
Injection Date: 11-Aug-2025 11:55:30 Instrument ID: CBNAMS18
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

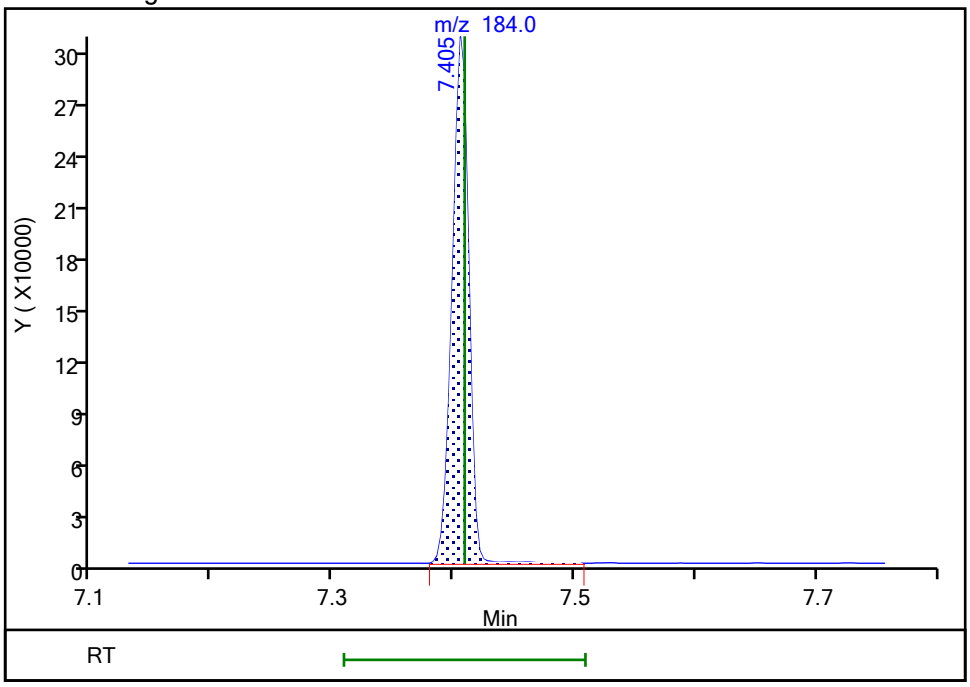
Not Detected
Expected RT: 7.41

Processing Integration Results




Manual Integration Results

RT: 7.41
Area: 289295
Amount: 20.297531
Amount Units: ug/ml




Reviewer: G4KC, 11-Aug-2025 12:25:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055613/2 | Calibration Date: 08/14/2025 16:29

Instrument ID: CBNAMS18 | Calib Start Date: 08/11/2025 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 08/11/2025 11:34

Lab File ID: P94265.D | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Qua1 | | 0.5786 | | 9570 | 10000 | -4.3 | 20.0 |
| N-Nitrosodimethylamine | Ave | 0.9513 | 0.9146 | | 9610 | 10000 | -3.9 | 20.0 |
| Pyridine | Ave | 1.510 | 1.567 | | 20800 | 20000 | 3.8 | 20.0 |
| Benzaldehyde | Ave | 1.347 | 0.5249 | 0.0100 | 1560 | 4000 | -61.0* | 20.0 |
| Phenol | Ave | 1.843 | 1.751 | 0.8000 | 9500 | 10000 | -5.0 | 20.0 |
| Aniline | Ave | 2.375 | 2.235 | | 9410 | 10000 | -5.9 | 20.0 |
| Bis(2-chloroethyl)ether | Ave | 1.493 | 1.386 | 0.7000 | 9280 | 10000 | -7.2 | 20.0 |
| 2-Chlorophenol | Ave | 1.433 | 1.420 | 0.8000 | 9910 | 10000 | -0.9 | 20.0 |
| n-Decane | Ave | 1.648 | 1.502 | | 9120 | 10000 | -8.8 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.532 | 1.492 | | 9740 | 10000 | -2.6 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.582 | 1.527 | | 9650 | 10000 | -3.5 | 20.0 |
| Benzyl alcohol | Ave | 0.8410 | 0.8635 | | 10300 | 10000 | 2.7 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.531 | 1.418 | 0.0100 | 9260 | 10000 | -7.4 | 20.0 |
| 2-Methylphenol | Ave | 1.324 | 1.268 | 0.7000 | 9570 | 10000 | -4.3 | 20.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 2.010 | 1.805 | 0.0100 | 8980 | 10000 | -10.2 | 20.0 |
| N-Methylaniline | Ave | 2.339 | 2.258 | | 9650 | 10000 | -3.5 | 20.0 |
| 3 & 4 Methylphenol | Ave | 1.501 | 1.436 | | 9560 | 10000 | -4.4 | 20.0 |
| 4-Methylphenol | Ave | 1.490 | 1.422 | 0.6000 | 9540 | 10000 | -4.6 | 20.0 |
| Acetophenone | Ave | 2.153 | 1.993 | 0.0100 | 9250 | 10000 | -7.5 | 20.0 |
| N-Nitrosodi-n-propylamine | Ave | 1.117 | 1.065 | 0.5000 | 9540 | 10000 | -4.6 | 20.0 |
| Hexachloroethane | Ave | 0.5979 | 0.5777 | 0.3000 | 9660 | 10000 | -3.4 | 20.0 |
| n,n'-Dimethylaniline | Ave | 2.307 | 2.261 | | 9800 | 10000 | -2.0 | 20.0 |
| Nitrobenzene | Ave | 0.7382 | 0.6829 | 0.2000 | 9250 | 10000 | -7.5 | 20.0 |
| Isophorone | Ave | 0.7222 | 0.7060 | 0.4000 | 9780 | 10000 | -2.2 | 20.0 |
| 2-Nitrophenol | Ave | 0.1870 | 0.1916 | 0.1000 | 10200 | 10000 | 2.5 | 20.0 |
| 2,4-Dimethylphenol | Ave | 0.3021 | 0.3104 | 0.2000 | 10300 | 10000 | 2.8 | 20.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4360 | 0.4212 | 0.3000 | 9660 | 10000 | -3.4 | 20.0 |
| Benzoic acid | Lin2 | | 0.1894 | | 9150 | 10000 | -8.5 | 20.0 |
| 2,4-Dichlorophenol | Ave | 0.2554 | 0.2688 | 0.2000 | 10500 | 10000 | 5.2 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.2791 | 0.2829 | | 10100 | 10000 | 1.4 | 20.0 |
| Naphthalene | Ave | 1.080 | 1.048 | 0.7000 | 9700 | 10000 | -3.0 | 20.0 |
| 4-Chloroaniline | Ave | 0.4188 | 0.4294 | 0.0100 | 10300 | 10000 | 2.5 | 20.0 |
| Hexachlorobutadiene | Ave | 0.1435 | 0.1479 | 0.0100 | 10300 | 10000 | 3.1 | 20.0 |
| Caprolactam | Ave | 0.1479 | 0.1389 | 0.0100 | 3760 | 4000 | -6.1 | 20.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2788 | 0.2933 | 0.2000 | 10500 | 10000 | 5.2 | 20.0 |
| 2-Methylnaphthalene | Ave | 0.6359 | 0.6095 | 0.4000 | 9580 | 10000 | -4.2 | 20.0 |
| 1-Methylnaphthalene | Ave | 0.6486 | 0.6249 | | 9630 | 10000 | -3.7 | 20.0 |
| Hexachlorocyclopentadiene | Ave | 0.4230 | 0.4352 | 0.0500 | 10300 | 10000 | 2.9 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.5273 | 0.5487 | 0.0100 | 10400 | 10000 | 4.1 | 20.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.4057 | 0.4260 | | 10500 | 10000 | 5.0 | 20.0 |
| 2,4,6-Trichlorophenol | Lin2 | | 0.3737 | 0.2000 | 10300 | 10000 | 3.0 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055613/2 | Calibration Date: 08/14/2025 16:29

Instrument ID: CBNAMS18 | Calib Start Date: 08/11/2025 08:22

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 08/11/2025 11:34

Lab File ID: P94265.D | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.3830 | 0.4031 | 0.2000 | 10500 | 10000 | 5.2 | 20.0 |
| 1,1'-Biphenyl | Ave | 1.660 | 1.671 | 0.0100 | 10100 | 10000 | 0.7 | 20.0 |
| 2-Chloronaphthalene | Ave | 1.231 | 1.230 | 0.8000 | 9990 | 10000 | -0.1 | 20.0 |
| Phenyl ether | Ave | 0.8377 | 0.8536 | | 10200 | 10000 | 1.9 | 20.0 |
| 2-Nitroaniline | Ave | 0.5365 | 0.4984 | 0.0100 | 9290 | 10000 | -7.1 | 20.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.8977 | 0.8999 | | 10000 | 10000 | 0.2 | 20.0 |
| Dimethyl phthalate | Ave | 1.343 | 1.329 | 0.0100 | 9890 | 10000 | -1.1 | 20.0 |
| Coumarin | Ave | 0.2159 | 0.2150 | | 9960 | 10000 | -0.4 | 20.0 |
| 2,6-Dinitrotoluene | Ave | 0.2972 | 0.3041 | 0.2000 | 10200 | 10000 | 2.3 | 20.0 |
| Acenaphthylene | Ave | 2.049 | 2.038 | 0.6000 | 9950 | 10000 | -0.5 | 20.0 |
| 3-Nitroaniline | Ave | 0.3417 | 0.3433 | 0.0100 | 10000 | 10000 | 0.5 | 20.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.9882 | 1.028 | | 10400 | 10000 | 4.0 | 20.0 |
| Acenaphthene | Ave | 1.185 | 1.180 | 0.9000 | 9960 | 10000 | -0.4 | 20.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.1817 | 0.0100 | 18900 | 20000 | -5.7 | 20.0 |
| 4-Nitrophenol | Ave | 0.2856 | 0.2712 | 0.0100 | 19000 | 20000 | -5.0 | 20.0 |
| 2,4-Dinitrotoluene | Ave | 0.3825 | 0.4156 | 0.2000 | 10900 | 10000 | 8.7 | 20.0 |
| Dibenzofuran | Ave | 1.707 | 1.677 | 0.8000 | 9830 | 10000 | -1.7 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.2879 | 0.3028 | 0.0100 | 10500 | 10000 | 5.2 | 20.0 |
| Diethyl phthalate | Ave | 1.399 | 1.366 | 0.0100 | 9760 | 10000 | -2.4 | 20.0 |
| n-Octadecane | Ave | 0.6458 | 0.6202 | | 9600 | 10000 | -4.0 | 20.0 |
| Fluorene | Ave | 1.394 | 1.379 | 0.9000 | 9890 | 10000 | -1.1 | 20.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.5882 | 0.5882 | 0.4000 | 10000 | 10000 | 0.0 | 20.0 |
| 4-Nitroaniline | Ave | 0.3245 | 0.3257 | 0.0100 | 10000 | 10000 | 0.4 | 20.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1326 | 0.1446 | 0.0100 | 21800 | 20000 | 9.0 | 20.0 |
| N-Nitrosodiphenylamine | Ave | 0.5829 | 0.5766 | 0.0100 | 9890 | 10000 | -1.1 | 20.0 |
| 1,2-Diphenylhydrazine | Ave | 0.9587 | 0.9553 | | 9960 | 10000 | -0.4 | 20.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2000 | 0.2034 | 0.1000 | 10200 | 10000 | 1.7 | 20.0 |
| Hexachlorobenzene | Ave | 0.2148 | 0.2335 | 0.1000 | 10900 | 10000 | 8.7 | 20.0 |
| Atrazine | Ave | 0.1910 | 0.1863 | 0.0100 | 3900 | 4000 | -2.5 | 20.0 |
| Pentachlorophenol | Ave | 0.1446 | 0.1547 | 0.0500 | 21400 | 20000 | 6.9 | 20.0 |
| Pentachloronitrobenzene | Ave | 0.0649 | 0.0669 | 0.0100 | 10300 | 10000 | 3.1 | 20.0 |
| Phenanthrene | Ave | 1.107 | 1.079 | 0.7000 | 9750 | 10000 | -2.5 | 20.0 |
| Anthracene | Ave | 1.137 | 1.133 | 0.7000 | 9960 | 10000 | -0.4 | 20.0 |
| Carbazole | Ave | 1.003 | 0.9948 | 0.0100 | 9920 | 10000 | -0.8 | 20.0 |
| Di-n-butyl phthalate | Ave | 1.165 | 1.213 | 0.0100 | 10400 | 10000 | 4.1 | 20.0 |
| Fluoranthene | Ave | 1.005 | 1.034 | 0.6000 | 10300 | 10000 | 2.9 | 20.0 |
| Benzidine | Qua1 | | 0.3328 | | 6150 | 10000 | -38.5* | 20.0 |
| Pyrene | Ave | 1.730 | 1.791 | 0.6000 | 10400 | 10000 | 3.5 | 20.0 |
| Bisphenol-A | Lin1 | | 0.5128 | | 8940 | 10000 | -10.6 | 20.0 |
| Butyl benzyl phthalate | Ave | 0.7017 | 0.7395 | 0.0100 | 10500 | 10000 | 5.4 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Lab Sample ID: CCVIS 460-1055613/2  Calibration Date: 08/14/2025 16:29

Instrument ID: CBNAMS18  Calib Start Date: 08/11/2025 08:22

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 08/11/2025 11:34

Lab File ID: P94265.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD | Ave | 0.1878 | 0.2195 | | 117 | 100 | 16.9 | 20.0 |
| Carbamazepine | Qua1 | | 0.4745 | | 9360 | 10000 | -6.4 | 20.0 |
| 3,3'-Dichlorobenzidine | Ave | 0.4683 | 0.4939 | 0.0100 | 10500 | 10000 | 5.5 | 20.0 |
| Benzo[a]anthracene | Lin2 | | 1.364 | 0.8000 | 10300 | 10000 | 2.8 | 20.0 |
| Chrysene | Ave | 1.258 | 1.268 | 0.7000 | 10100 | 10000 | 0.8 | 20.0 |
| Bis(2-ethylhexyl) phthalate | Qua1 | | 1.028 | 0.0100 | 9200 | 10000 | -8.0 | 20.0 |
| Di-n-octyl phthalate | Qua1 | | 1.592 | 0.0100 | 9090 | 10000 | -9.1 | 20.0 |
| Benzo[b]fluoranthene | Ave | 1.176 | 1.258 | | 10700 | 10000 | 7.0 | 20.0 |
| Benzo[k]fluoranthene | Ave | 1.232 | 1.351 | 0.7000 | 11000 | 10000 | 9.6 | 20.0 |
| Benzo[a]pyrene | Ave | 1.080 | 1.189 | 0.7000 | 11000 | 10000 | 10.1 | 20.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 0.997 | 1.053 | 0.5000 | 10600 | 10000 | 5.7 | 20.0 |
| Dibenz(a,h)anthracene | Ave | 1.006 | 1.058 | 0.4000 | 10500 | 10000 | 5.2 | 20.0 |
| Benzo[g,h,i]perylene | Ave | 0.9850 | 0.999 | 0.5000 | 10100 | 10000 | 1.4 | 20.0 |
| Nitrobenzene-d5 (Surr) | Ave | 0.4579 | 0.4072 | | 8890 | 10000 | -11.1 | 20.0 |
| 2-Fluorobiphenyl | Ave | 1.567 | 1.448 | | 9240 | 10000 | -7.6 | 20.0 |
| Terphenyl-d14 (Surr) | Ave | 1.407 | 1.301 | | 9250 | 10000 | -7.5 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94265.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Aug-2025 16:29:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:44:59 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 16:52:48

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.994 | 1.994 | 0.000 | 95 | 304024 | 10.0 | 9.57 | |
| | 2 N-Nitrosodimethylamine | 74 | 2.189 | 2.189 | 0.000 | 89 | 480568 | 10.0 | 9.61 | |
| | 3 Pyridine | 79 | 2.224 | 2.224 | 0.000 | 92 | 1646511 | 20.0 | 20.8 | |
| $ | 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 95 | 731303 | 10.0 | 9.11 | |
| | 5 Benzaldehyde | 77 | 4.053 | 4.053 | 0.000 | 96 | 110326 | 4.00 | 1.56 | |
| $ | 6 Phenol-d5 | 99 | 4.101 | 4.101 | 0.000 | 0 | 893187 | 10.0 | 8.67 | |
| | 7 Phenol | 94 | 4.114 | 4.114 | 0.000 | 99 | 920141 | 10.0 | 9.50 | |
| | 8 Aniline | 93 | 4.155 | 4.155 | 0.000 | 100 | 1174258 | 10.0 | 9.41 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 4.216 | 4.216 | 0.000 | 96 | 728219 | 10.0 | 9.28 | |
| | 10 Benzonitrile | 103 | 4.238 | 4.238 | 0.000 | 98 | 1492188 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 4.267 | 4.267 | 0.000 | 94 | 745869 | 10.0 | 9.91 | |
| | 12 n-Decane | 43 | 4.315 | 4.315 | 0.000 | 90 | 789080 | 10.0 | 9.12 | |
| | 13 1,3-Dichlorobenzene | 146 | 4.417 | 4.417 | 0.000 | 94 | 784104 | 10.0 | 9.74 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 4.469 | 4.469 | 0.000 | 97 | 420350 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 4.485 | 4.485 | 0.000 | 93 | 802463 | 10.0 | 9.65 | |
| | 17 Benzyl alcohol | 108 | 4.593 | 4.593 | 0.000 | 92 | 453724 | 10.0 | 10.3 | |
| | 18 1,2-Dichlorobenzene | 146 | 4.628 | 4.628 | 0.000 | 94 | 744896 | 10.0 | 9.26 | |
| | 20 2-Methylphenol | 108 | 4.692 | 4.692 | 0.000 | 87 | 666221 | 10.0 | 9.57 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.724 | 4.724 | 0.000 | 93 | 948565 | 10.0 | 8.98 | |
| | 22 N-Methylaniline | 106 | 4.842 | 4.842 | 0.000 | 91 | 1186624 | 10.0 | 9.65 | |
| | 26 4-Methylphenol | 108 | 4.846 | 4.846 | 0.000 | 82 | 747374 | 10.0 | 9.54 | |
| | 25 3 & 4 Methylphenol | 108 | 4.846 | 4.846 | 0.000 | 0 | 754407 | 10.0 | 9.56 | |
| | 23 Acetophenone | 105 | 4.852 | 4.852 | 0.000 | 92 | 1046976 | 10.0 | 9.25 | |
| | 24 N-Nitrosodi-n-propylamine | 70 | 4.852 | 4.852 | 0.000 | 87 | 559809 | 10.0 | 9.54 | |
| | 27 Hexachloroethane | 117 | 4.951 | 4.951 | 0.000 | 92 | 303564 | 10.0 | 9.66 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.993 | 4.993 | 0.000 | 88 | 827762 | 10.0 | 8.89 | |
| | 29 Nitrobenzene | 123 | 5.015 | 5.015 | 0.000 | 94 | 358823 | 10.0 | 9.25 | |
| | 30 n,n'-Dimethylaniline | 120 | 5.015 | 5.015 | 0.000 | 93 | 1188248 | 10.0 | 9.80 | |
| | 31 Isophorone | 82 | 5.242 | 5.242 | 0.000 | 100 | 1435179 | 10.0 | 9.78 | |
| | 32 2-Nitrophenol | 139 | 5.312 | 5.312 | 0.000 | 88 | 389559 | 10.0 | 10.2 | |
| | 33 2,4-Dimethylphenol | 122 | 5.351 | 5.351 | 0.000 | 90 | 631047 | 10.0 | 10.3 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 5.446 | 5.446 | 0.000 | 99 | 856259 | 10.0 | 9.66 | |
| 35 Benzoic acid | 122 | 5.453 | 5.453 | 0.000 | 90 | 385054 | 10.0 | 9.15 | |
| 36 2,4-Dichlorophenol | 162 | 5.542 | 5.542 | 0.000 | 94 | 546380 | 10.0 | 10.5 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.625 | 5.625 | 0.000 | 94 | 575140 | 10.0 | 10.1 | |
| * 38 Naphthalene-d8 | 136 | 5.680 | 5.680 | 0.000 | 99 | 1626314 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.699 | 5.699 | 0.000 | 99 | 2131042 | 10.0 | 9.70 | |
| 40 4-Chloroaniline | 127 | 5.750 | 5.750 | 0.000 | 96 | 873000 | 10.0 | 10.3 | |
| 41 2,6-Dichlorophenol | 162 | 5.757 | 5.757 | 0.000 | 91 | 528811 | 10.0 | 10.2 | |
| 42 Hexachlorobutadiene | 225 | 5.817 | 5.817 | 0.000 | 93 | 300625 | 10.0 | 10.3 | |
| 44 Caprolactam | 55 | 6.079 | 6.079 | 0.000 | 92 | 112925 | 4.00 | 3.76 | |
| 45 4-Chloro-3-methylphenol | 107 | 6.210 | 6.210 | 0.000 | 97 | 596272 | 10.0 | 10.5 | |
| 46 2-Methylnaphthalene | 142 | 6.357 | 6.357 | 0.000 | 84 | 1238954 | 10.0 | 9.58 | |
| 47 1-Methylnaphthalene | 142 | 6.453 | 6.453 | 0.000 | 93 | 1270314 | 10.0 | 9.63 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.511 | 6.511 | 0.000 | 96 | 420866 | 10.0 | 10.3 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.517 | 6.517 | 0.000 | 95 | 530625 | 10.0 | 10.4 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.549 | 6.549 | 0.000 | 90 | 865985 | 10.0 | 10.5 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.623 | 6.623 | 0.000 | 86 | 361351 | 10.0 | 10.3 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.655 | 6.655 | 0.000 | 94 | 389791 | 10.0 | 10.5 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.709 | 6.709 | 0.000 | 97 | 1400146 | 10.0 | 9.24 | |
| 54 1,1'-Biphenyl | 154 | 6.802 | 6.802 | 0.000 | 97 | 1616073 | 10.0 | 10.1 | |
| 55 2-Chloronaphthalene | 162 | 6.821 | 6.821 | 0.000 | 97 | 1189181 | 10.0 | 9.99 | |
| 56 Phenyl ether | 170 | 6.905 | 6.905 | 0.000 | 91 | 825511 | 10.0 | 10.2 | |
| 57 2-Nitroaniline | 65 | 6.914 | 6.914 | 0.000 | 96 | 482003 | 10.0 | 9.29 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.029 | 7.029 | 0.000 | 91 | 870260 | 10.0 | 10.0 | |
| 59 Dimethyl phthalate | 163 | 7.100 | 7.100 | 0.000 | 97 | 1285495 | 10.0 | 9.89 | |
| 60 Coumarin | 146 | 7.112 | 7.112 | 0.000 | 77 | 437099 | 10.0 | 9.96 | |
| 61 2,6-Dinitrotoluene | 165 | 7.151 | 7.151 | 0.000 | 93 | 294066 | 10.0 | 10.2 | |
| 62 Acenaphthylene | 152 | 7.212 | 7.212 | 0.000 | 97 | 1971365 | 10.0 | 9.95 | |
| 63 3-Nitroaniline | 138 | 7.304 | 7.304 | 0.000 | 93 | 332045 | 10.0 | 10.0 | |
| * 64 Acenaphthene-d10 | 164 | 7.346 | 7.346 | 0.000 | 96 | 773663 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.371 | 7.371 | 0.000 | 97 | 994085 | 10.0 | 10.4 | |
| 65 Acenaphthene | 154 | 7.378 | 7.378 | 0.000 | 96 | 1141344 | 10.0 | 9.96 | |
| 67 2,4-Dinitrophenol | 184 | 7.404 | 7.404 | 0.000 | 92 | 351508 | 20.0 | 18.9 | a |
| 68 4-Nitrophenol | 65 | 7.461 | 7.461 | 0.000 | 94 | 524610 | 20.0 | 19.0 | |
| 69 2,4-Dinitrotoluene | 165 | 7.528 | 7.528 | 0.000 | 93 | 401934 | 10.0 | 10.9 | |
| 70 Dibenzofuran | 168 | 7.541 | 7.541 | 0.000 | 96 | 1622059 | 10.0 | 9.83 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.653 | 7.653 | 0.000 | 90 | 292858 | 10.0 | 10.5 | |
| 72 Diethyl phthalate | 149 | 7.771 | 7.771 | 0.000 | 97 | 1320694 | 10.0 | 9.76 | |
| 87 n-Octadecane | 57 | 7.794 | 7.794 | 0.000 | 95 | 990325 | 10.0 | 9.60 | |
| 73 Fluorene | 166 | 7.867 | 7.867 | 0.000 | 96 | 1333384 | 10.0 | 9.89 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.871 | 7.871 | 0.000 | 83 | 568863 | 10.0 | 10.0 | |
| 75 4-Nitroaniline | 138 | 7.887 | 7.887 | 0.000 | 93 | 315005 | 10.0 | 10.0 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.915 | 7.915 | 0.000 | 78 | 461689 | 20.0 | 21.8 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.983 | 7.983 | 0.000 | 70 | 920680 | 10.0 | 9.89 | |
| 131 Azobenzene | 77 | 8.021 | 8.021 | 0.000 | 98 | 1525282 | 10.0 | 9.63 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.021 | 8.021 | 0.000 | 51 | 1525282 | 10.0 | 9.96 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.091 | 8.091 | 0.000 | 95 | 199162 | 10.0 | 9.47 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.331 | 8.331 | 0.000 | 83 | 324769 | 10.0 | 10.2 | |
| 82 Hexachlorobenzene | 284 | 8.385 | 8.385 | 0.000 | 99 | 372870 | 10.0 | 10.9 | |
| 83 Atrazine | 200 | 8.491 | 8.491 | 0.000 | 89 | 118973 | 4.00 | 3.90 | |
| 84 Pentachlorophenol | 266 | 8.571 | 8.571 | 0.000 | 92 | 493956 | 20.0 | 21.4 | |
| 85 Pentachloronitrobenzene | 237 | 8.587 | 8.587 | 0.000 | 86 | 106861 | 10.0 | 10.3 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 8.750 | 8.750 | 0.000 | 99 | 1277364 | 8.00 | 8.00 | |
| 89 Phenanthrene | 178 | 8.776 | 8.776 | 0.000 | 98 | 1723031 | 10.0 | 9.75 | |
| 90 Anthracene | 178 | 8.824 | 8.824 | 0.000 | 98 | 1808453 | 10.0 | 9.96 | |
| 91 Carbazole | 167 | 8.974 | 8.974 | 0.000 | 96 | 1588416 | 10.0 | 9.92 | |
| 92 Di-n-butyl phthalate | 149 | 9.319 | 9.319 | 0.000 | 99 | 1936359 | 10.0 | 10.4 | |
| 93 Fluoranthene | 202 | 9.901 | 9.901 | 0.000 | 97 | 1651117 | 10.0 | 10.3 | |
| 94 Benzidine | 184 | 10.028 | 10.028 | 0.000 | 99 | 531340 | 10.0 | 6.15 | |
| 95 Pyrene | 202 | 10.115 | 10.115 | 0.000 | 96 | 1666639 | 10.0 | 10.4 | |
| 96 Bisphenol-A | 213 | 10.166 | 10.166 | 0.000 | 97 | 477263 | 10.0 | 8.94 | |
| $ 97 Terphenyl-d14 | 244 | 10.275 | 10.275 | 0.000 | 98 | 1211053 | 10.0 | 9.25 | |
| 98 Butyl benzyl phthalate | 149 | 10.787 | 10.787 | 0.000 | 97 | 688290 | 10.0 | 10.5 | |
| 99 2,3,7,8-TCDD | 320 | 10.866 | 10.866 | 0.000 | 91 | 2043 | 0.1000 | 0.1169 | |
| 100 Carbamazepine | 193 | 10.886 | 10.886 | 0.000 | 93 | 441658 | 10.0 | 9.36 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.365 | 11.365 | 0.000 | 99 | 459741 | 10.0 | 10.5 | |
| 102 Benzo[a]anthracene | 228 | 11.387 | 11.387 | 0.000 | 100 | 1269768 | 10.0 | 10.3 | |
| * 103 Chrysene-d12 | 240 | 11.397 | 11.397 | 0.000 | 99 | 744596 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.429 | 11.429 | 0.000 | 98 | 1180618 | 10.0 | 10.1 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.464 | 11.464 | 0.000 | 88 | 956767 | 10.0 | 9.20 | |
| 106 Di-n-octyl phthalate | 149 | 12.321 | 12.321 | 0.000 | 96 | 1308628 | 10.0 | 9.09 | |
| 107 Benzo[b]fluoranthene | 252 | 12.778 | 12.778 | 0.000 | 98 | 1033491 | 10.0 | 10.7 | |
| 108 Benzo[k]fluoranthene | 252 | 12.816 | 12.816 | 0.000 | 99 | 1110320 | 10.0 | 11.0 | |
| 109 Benzo[a]pyrene | 252 | 13.231 | 13.231 | 0.000 | 96 | 977428 | 10.0 | 11.0 | |
| * 110 Perylene-d12 | 264 | 13.311 | 13.311 | 0.000 | 97 | 657400 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.899 | 14.899 | 0.000 | 98 | 865704 | 10.0 | 10.6 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.947 | 14.947 | 0.000 | 97 | 869493 | 10.0 | 10.5 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.344 | 15.344 | 0.000 | 95 | 820937 | 10.0 | 10.1 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 15-Aug-2025 03:45:01 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94265.D

Injection Date: 14-Aug-2025 16:29:30 Instrument ID: CBNAMS18 Operator ID:

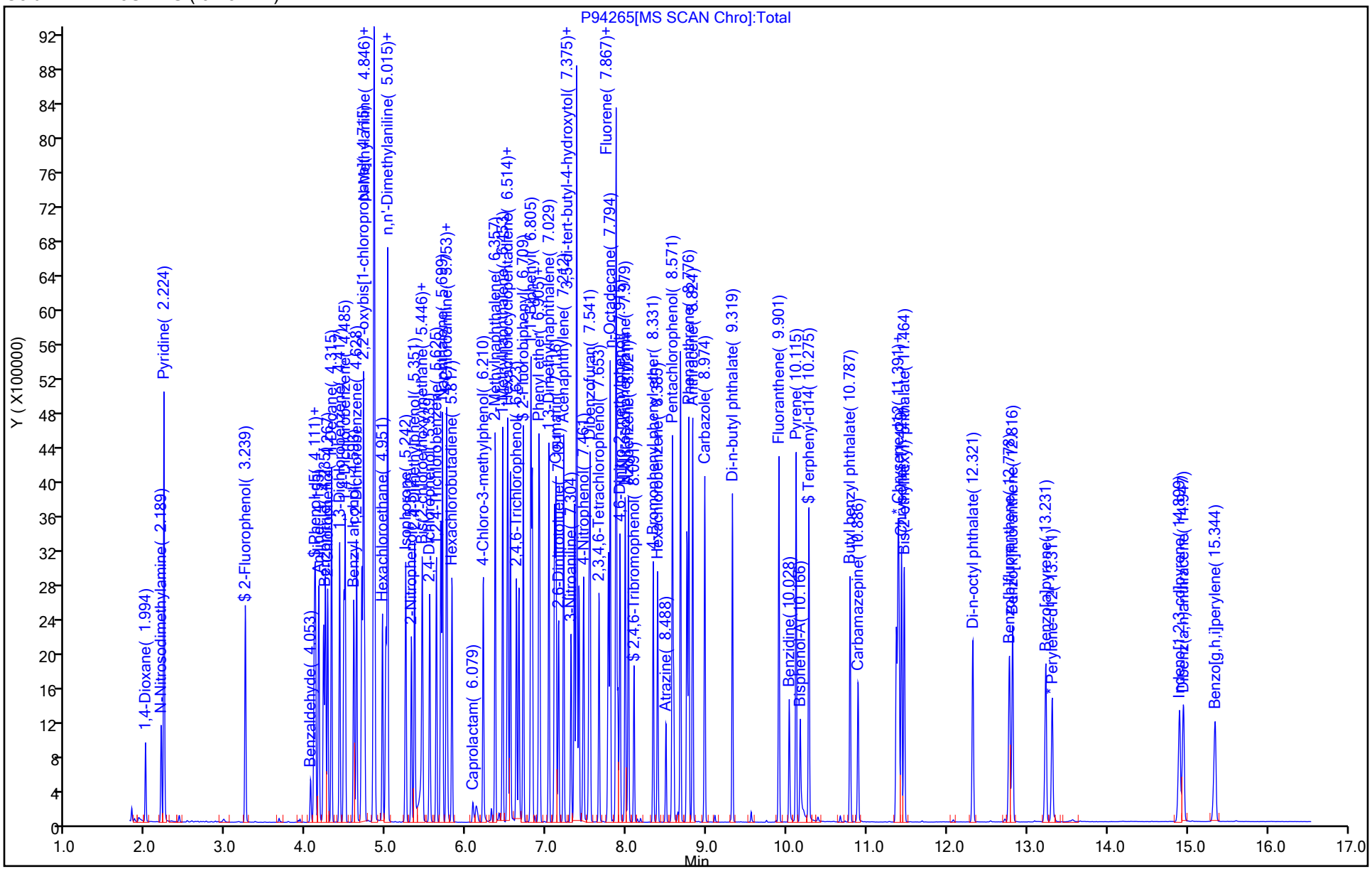
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

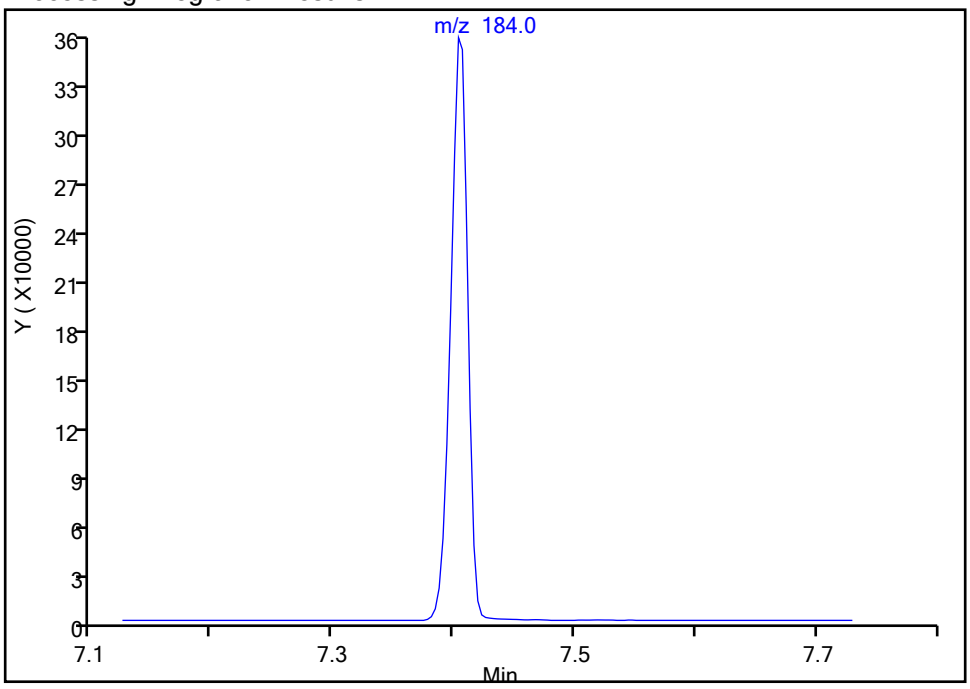
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94265.D
Injection Date: 14-Aug-2025 16:29:30 Instrument ID: CBNAMS18
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

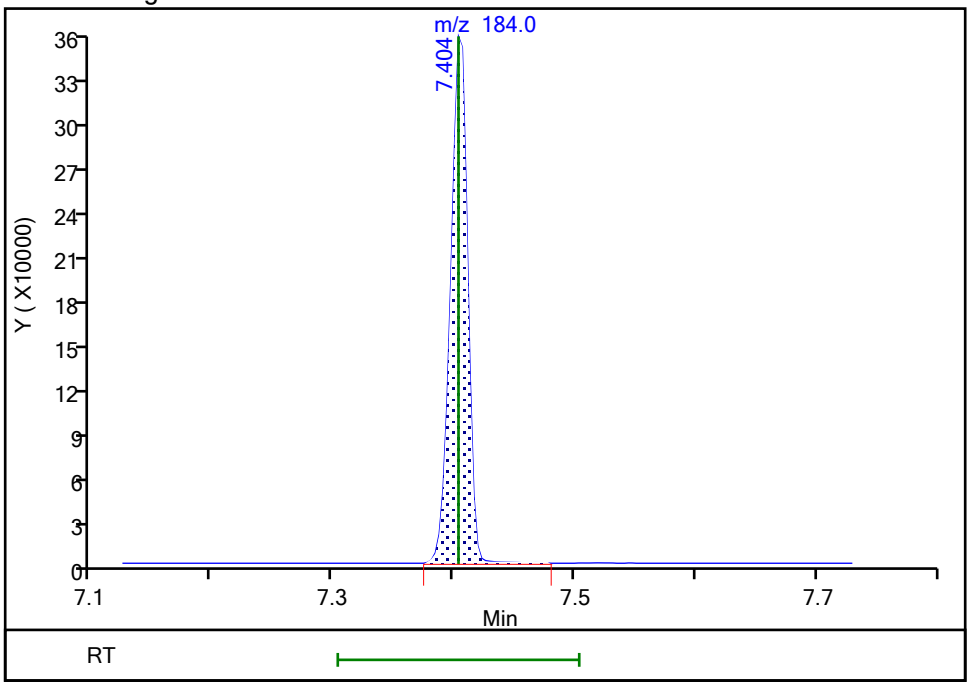
Not Detected
Expected RT: 7.40

Processing Integration Results




Manual Integration Results

RT: 7.40
Area: 351508
Amount: 18.862859
Amount Units: ug/ml




Reviewer: U6BX, 14-Aug-2025 16:49:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58879.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 21-Jun-2025 10:06:05 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0192568-001
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 23-Jun-2025 06:29:41 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1717

First Level Reviewer: G4KC Date: 23-Jun-2025 06:29:41

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Pentachlorophenol_T | 266 | 4.231 | 4.231 | 0.000 | 93 | 123465 | NR | NR | |
| 56 Benzidine_T | 184 | 5.479 | 5.479 | 0.000 | 99 | 695047 | NR | NR | |
| 124 DFTPP | | | | | | | | | |
| 125 4,4'-DDE | 246 | 5.928 | 5.928 | 0.000 | 55 | 555 | | NR | a |
| 126 4,4'-DDD | 235 | 6.020 | 6.020 | 0.000 | 90 | 865 | | NR | a |
| 127 4,4'-DDT | 235 | 6.137 | 6.137 | 0.000 | 98 | 296649 | NR | NR | |

## QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

## Reagents:

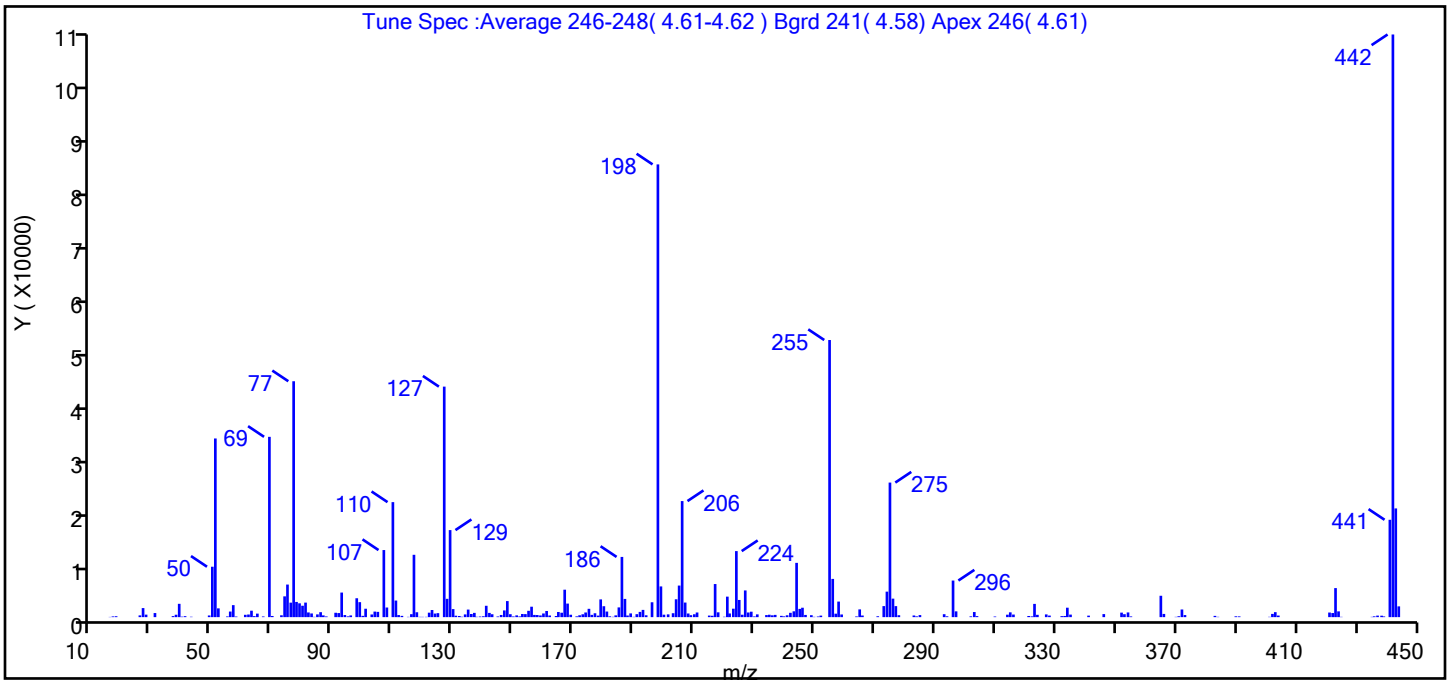
SMDFTP_CH_00037 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58879.d
Injection Date: 21-Jun-2025 10:06:05 Instrument ID: CBNAMS14
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 198 | Base peak or present | 100.0 |
| 68 | <2% of m/z 69 | 0.0 (0.0) |
| 69 | Present | 39.8 |
| 70 | <2% of m/z 69 | 0.3 (0.6) |
| 197 | <2% of m/z 198 | 0.0 |
| 199 | 5-9% of m/z 198 | 6.8 |
| 365 | >1% of m/z 198 | 4.7 |
| 441 | <150% of m/z 443 | 21.5 (89.6) |
| 442 | Present | 128.7 |
| 443 | 15-24% of m/z 442 | 24.0 (18.7) |

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58879.d\8270LVI_14.rslt\spectra.d
Injection Date: 21-Jun-2025 10:06:05
Spectrum: Tune Spec :Average 246-248( 4.61-4.62 ) Bgrd 241( 4.58) Apex 246( 4.61)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 260

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 16.00 | 39 | 116.00 | 520 | 185.00 | 1709 | 271.00 | 156 |
| 17.00 | 128 | 117.00 | 10938 | 186.00 | 10564 | 273.00 | 1938 |
| 18.00 | 161 | 118.00 | 856 | 187.00 | 3198 | 274.00 | 4474 |
| 26.00 | 306 | 119.00 | 53 | 188.00 | 288 | 275.00 | 23608 |
| 27.00 | 1589 | 120.00 | 50 | 189.00 | 656 | 276.00 | 3246 |
| 28.00 | 439 | 121.00 | 51 | 190.00 | 53 | 277.00 | 1934 |
| 31.00 | 719 | 122.00 | 783 | 191.00 | 520 | 278.00 | 337 |
| 37.00 | 184 | 123.00 | 1252 | 192.00 | 921 | 283.00 | 294 |
| 38.00 | 423 | 124.00 | 626 | 193.00 | 1272 | 284.00 | 137 |
| 39.00 | 2337 | 125.00 | 700 | 194.00 | 328 | 285.00 | 361 |
| 40.00 | 88 | 127.00 | 40440 | 196.00 | 2610 | 293.00 | 517 |
| 41.00 | 171 | 128.00 | 3213 | 198.00 | 79424 | 294.00 | 147 |
| 43.00 | 69 | 129.00 | 15271 | 199.00 | 5389 | 296.00 | 6421 |
| 49.00 | 294 | 130.00 | 1412 | 200.00 | 431 | 297.00 | 1016 |
| 50.00 | 8843 | 131.00 | 250 | 201.00 | 486 | 302.00 | 137 |
| 51.00 | 31344 | 132.00 | 202 | 203.00 | 687 | 303.00 | 897 |
| 52.00 | 1541 | 133.00 | 68 | 204.00 | 3134 | 304.00 | 182 |
| 55.00 | 122 | 134.00 | 479 | 205.00 | 5540 | 310.00 | 109 |
| 56.00 | 982 | 135.00 | 1327 | 206.00 | 20360 | 314.00 | 429 |
| 57.00 | 2106 | 136.00 | 551 | 207.00 | 2559 | 315.00 | 843 |
| 58.00 | 104 | 137.00 | 749 | 208.00 | 638 | 316.00 | 455 |
| 61.00 | 412 | 138.00 | 66 | 209.00 | 342 | 321.00 | 202 |
| 62.00 | 462 | 139.00 | 108 | 210.00 | 505 | 322.00 | 130 |
| 63.00 | 1131 | 140.00 | 154 | 211.00 | 815 | 323.00 | 2325 |
| 64.00 | 178 | 141.00 | 1993 | 215.00 | 276 | 324.00 | 407 |
| 65.00 | 618 | 142.00 | 743 | 216.00 | 242 | 327.00 | 480 |
| 67.00 | 119 | 143.00 | 508 | 217.00 | 5807 | 328.00 | 277 |
| 69.00 | 31632 | 145.00 | 115 | 218.00 | 843 | 332.00 | 179 |
| 70.00 | 204 | 146.00 | 379 | 220.00 | 69 | 333.00 | 204 |
| 73.00 | 326 | 147.00 | 1177 | 221.00 | 3597 | 334.00 | 1656 |
| 74.00 | 3647 | 148.00 | 2817 | 222.00 | 644 | 335.00 | 446 |
| 75.00 | 5717 | 149.00 | 515 | 223.00 | 1484 | 341.00 | 265 |
| 76.00 | 2543 | 150.00 | 120 | 224.00 | 11586 | 346.00 | 536 |

Report Date: 23-Jun-2025 06:29:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58879.d\8270LVI_14.rslt\spectra.d
Injection Date: 21-Jun-2025 10:06:05
Spectrum: Tune Spec :Average 246-248( 4.61-4.62 ) Bgrd 241( 4.58) Apex 246( 4.61)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 260

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 77.00 | 41384 | 151.00 | 311 | 225.00 | 3015 | 352.00 | 792 |
| 78.00 | 2667 | 152.00 | 127 | 226.00 | 422 | 353.00 | 517 |
| 79.00 | 2425 | 153.00 | 553 | 227.00 | 4685 | 354.00 | 824 |
| 80.00 | 2000 | 154.00 | 533 | 228.00 | 816 | 355.00 | 126 |
| 81.00 | 2550 | 155.00 | 1110 | 229.00 | 957 | 365.00 | 3749 |
| 82.00 | 823 | 156.00 | 1830 | 230.00 | 126 | 366.00 | 564 |
| 83.00 | 647 | 157.00 | 391 | 231.00 | 484 | 370.00 | 51 |
| 84.00 | 54 | 158.00 | 371 | 234.00 | 362 | 371.00 | 161 |
| 85.00 | 482 | 159.00 | 297 | 235.00 | 420 | 372.00 | 1343 |
| 86.00 | 871 | 160.00 | 645 | 236.00 | 322 | 373.00 | 364 |
| 87.00 | 307 | 161.00 | 1079 | 237.00 | 396 | 383.00 | 223 |
| 88.00 | 118 | 162.00 | 290 | 239.00 | 228 | 384.00 | 55 |
| 91.00 | 767 | 164.00 | 199 | 240.00 | 137 | 390.00 | 148 |
| 92.00 | 717 | 165.00 | 904 | 241.00 | 326 | 391.00 | 133 |
| 93.00 | 4313 | 166.00 | 775 | 242.00 | 760 | 401.00 | 57 |
| 94.00 | 370 | 167.00 | 4815 | 243.00 | 1024 | 402.00 | 567 |
| 95.00 | 137 | 168.00 | 2378 | 244.00 | 9522 | 403.00 | 875 |
| 96.00 | 301 | 169.00 | 420 | 245.00 | 1448 | 404.00 | 280 |
| 98.00 | 3315 | 171.00 | 136 | 246.00 | 1653 | 421.00 | 807 |
| 99.00 | 2629 | 172.00 | 327 | 247.00 | 387 | 422.00 | 720 |
| 100.00 | 229 | 173.00 | 501 | 249.00 | 341 | 423.00 | 5096 |
| 101.00 | 1477 | 174.00 | 817 | 250.00 | 53 | 424.00 | 1012 |
| 103.00 | 467 | 175.00 | 1461 | 251.00 | 110 | 425.00 | 53 |
| 104.00 | 973 | 176.00 | 400 | 252.00 | 268 | 435.00 | 52 |
| 105.00 | 925 | 177.00 | 682 | 255.00 | 48616 | 436.00 | 141 |
| 107.00 | 11769 | 178.00 | 269 | 256.00 | 6707 | 437.00 | 269 |
| 108.00 | 1689 | 179.00 | 3112 | 257.00 | 606 | 438.00 | 252 |
| 110.00 | 20176 | 180.00 | 1916 | 258.00 | 2732 | 439.00 | 122 |
| 111.00 | 2912 | 181.00 | 982 | 259.00 | 469 | 441.00 | 17080 |
| 112.00 | 367 | 182.00 | 144 | 264.00 | 125 | 442.00 | 102216 |
| 113.00 | 224 | 183.00 | 56 | 265.00 | 1360 | 443.00 | 19072 |
| 115.00 | 50 | 184.00 | 310 | 266.00 | 283 | 444.00 | 1890 |

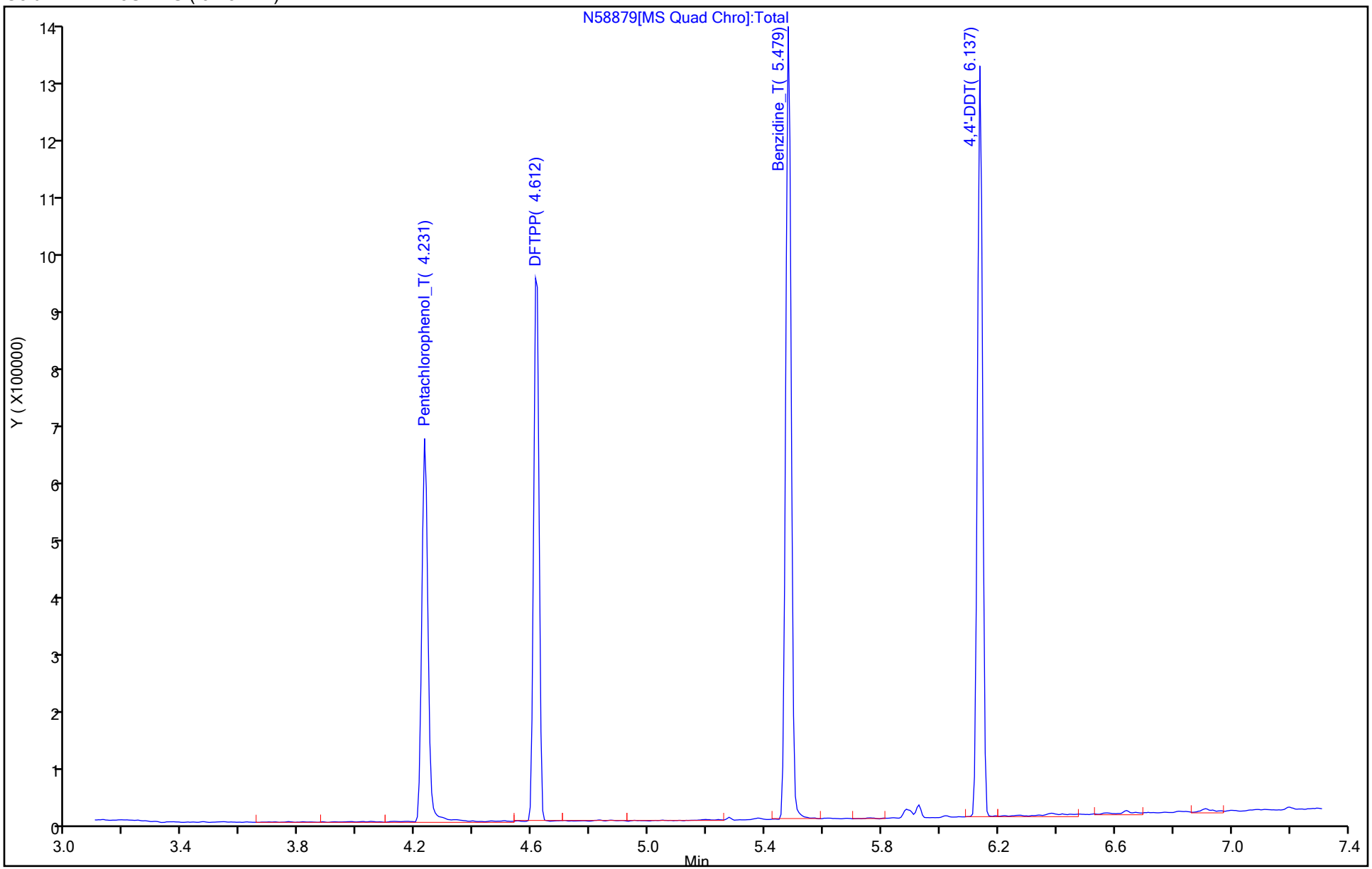
Report Date: 23-Jun-2025 06:29:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58879.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jun-2025 10:06:05 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | DFTPP | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58879.d
Injection Date: 21-Jun-2025 10:06:05 Instrument ID: CBNAMS14
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

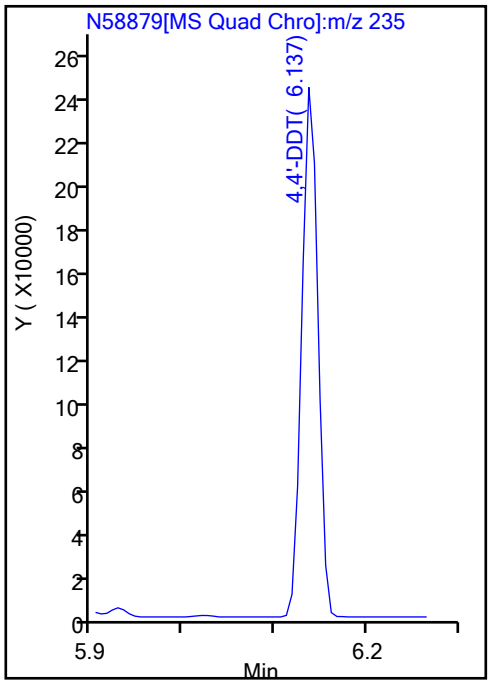
127 4,4'-DDT, Detector: MS Quad

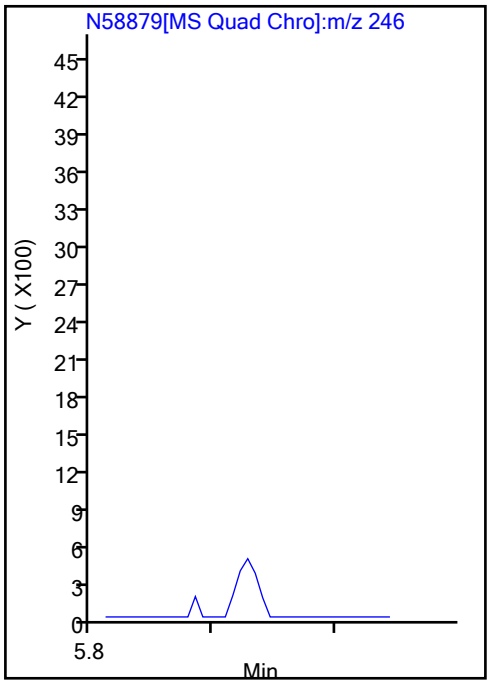
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 296649
126 4,4'-DDD, Area = 865
125 4,4'-DDE, Area = 555

%Breakdown: 0.48%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

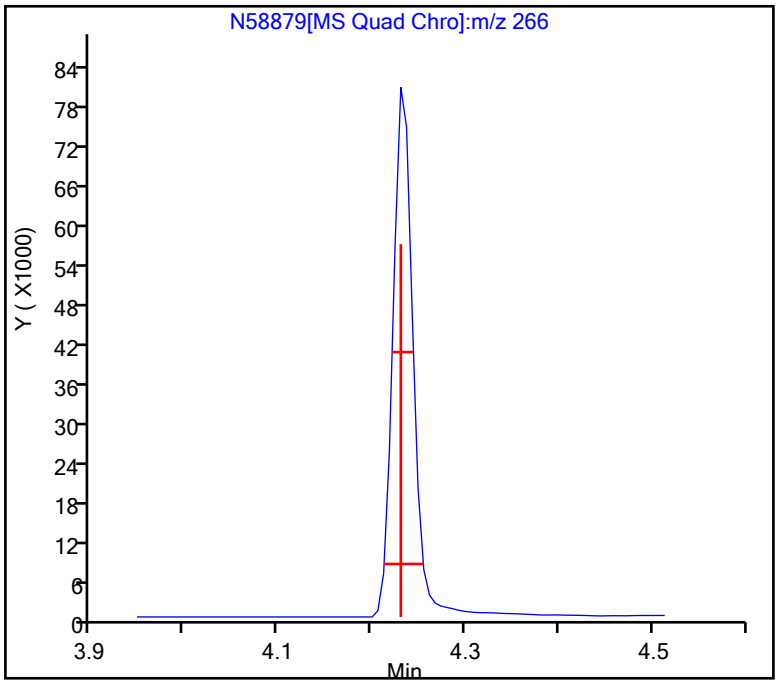
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58879.d
Injection Date: 21-Jun-2025 10:06:05 Instrument ID: CBNAMS14
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

31 Pentachlorophenol_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.024 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.33, Max. Tailing <= 2.00
Passed
---



Peak Tailing Report

Eurofins Edison

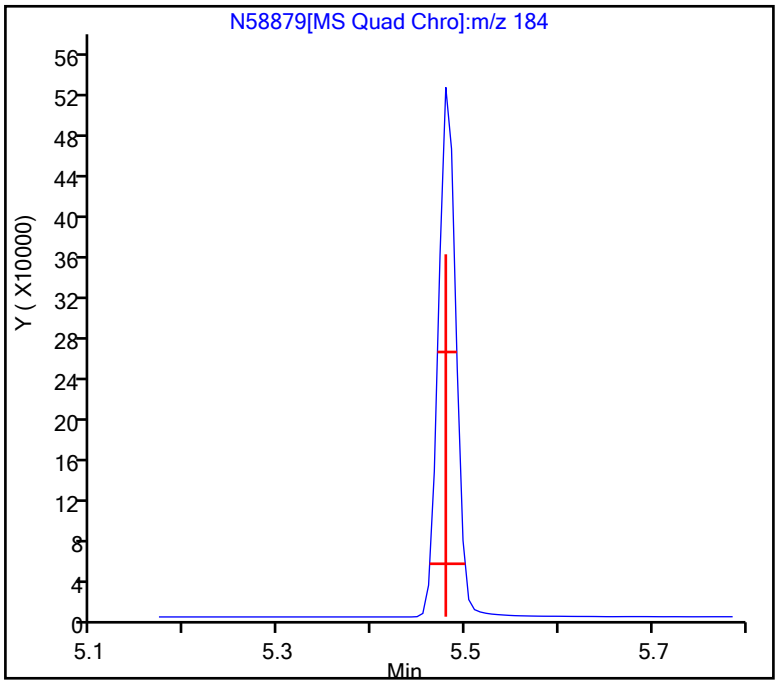
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58879.d
Injection Date: 21-Jun-2025 10:06:05 Instrument ID: CBNAMS14
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

56 Benzidine_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.24, Max. Tailing <= 2.00
Passed
---



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Aug-2025 08:06:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194755-001
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 11-Aug-2025 12:54:09 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: G4KC Date: 11-Aug-2025 12:54:09

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 16 Pentachlorophenol_T | 266 | 4.618 | 4.618 | 0.000 | 91 | 204773 | NR | NR | |
| 43 Benzidine_T | 184 | 5.854 | 5.854 | 0.000 | 99 | 1171327 | NR | NR | |
| 123 DFTPP | | | | | | | | | |
| 124 4,4'-DDE | 246 | 6.004 | 6.004 | 0.000 | 89 | 1662 | | NR | |
| 125 4,4'-DDD | 235 | 6.298 | 6.298 | 0.000 | 93 | 7022 | | NR | |
| 126 4,4'-DDT | 235 | 6.509 | 6.509 | 0.000 | 97 | 524371 | NR | NR | |

## QC Flag Legend

Processing Flags
NR - Missing Quant Standard

## Reagents:

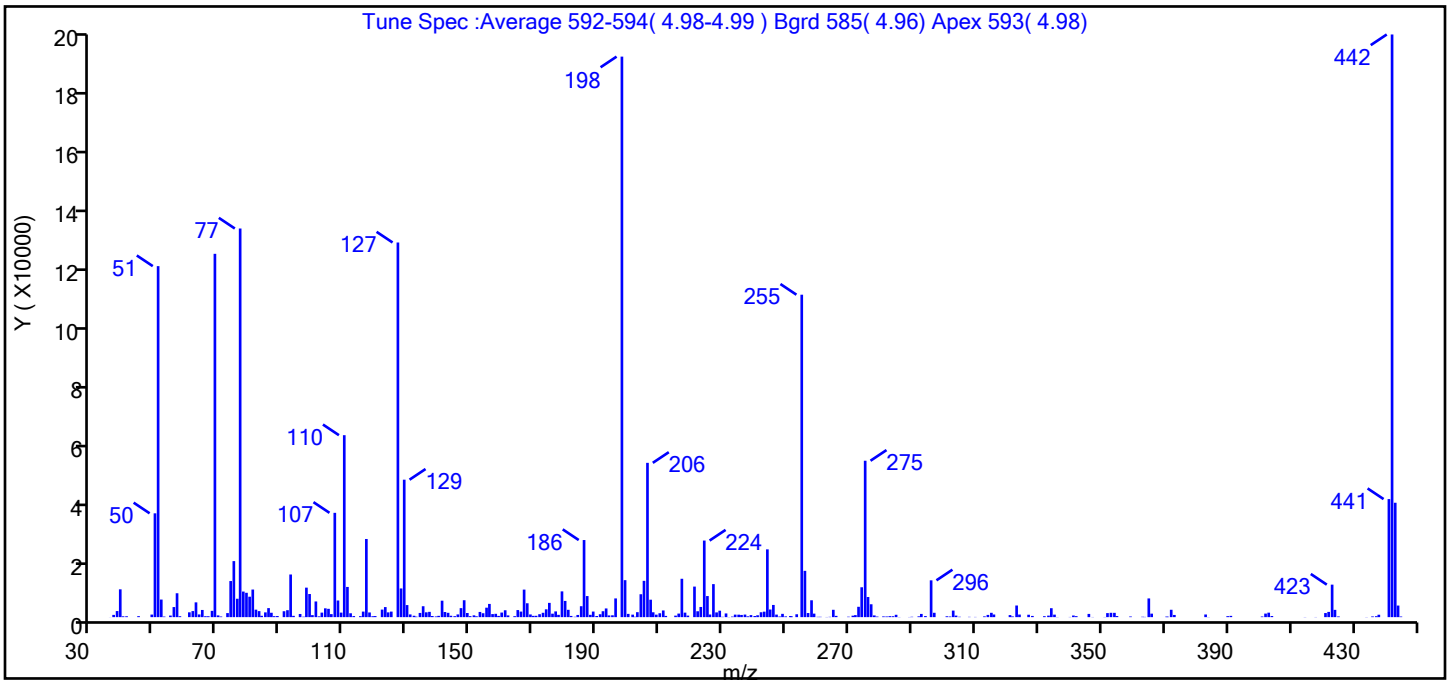
SMDFTP_CH_00037 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D
Injection Date: 11-Aug-2025 08:06:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

123 DFTPP




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 198 | Base peak or present | 100.0 |
| 68 | <2% of m/z 69 | 1.1 (1.7) |
| 69 | Present | 64.8 |
| 70 | <2% of m/z 69 | 0.3 (0.5) |
| 197 | <2% of m/z 198 | 0.0 |
| 199 | 5-9% of m/z 198 | 6.6 |
| 365 | >1% of m/z 198 | 3.3 |
| 441 | <150% of m/z 443 | 21.1 (103.2) |
| 442 | Present | 104.0 |
| 443 | 15-24% of m/z 442 | 20.4 (19.6) |

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D\8270LVI_18.rslt\spectra.d
Injection Date: 11-Aug-2025 08:06:30
Spectrum: Tune Spec :Average 592-594( 4.98-4.99 ) Bgrd 585( 4.96) Apex 593( 4.98)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 297

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 27 | 125.00 | 1892 | 203.00 | 1692 | 289.00 | 56 |
| 37.00 | 768 | 127.00 | 127776 | 204.00 | 7813 | 290.00 | 128 |
| 38.00 | 2075 | 128.00 | 9786 | 205.00 | 12385 | 292.00 | 275 |
| 39.00 | 9486 | 129.00 | 46880 | 206.00 | 52624 | 293.00 | 1098 |
| 40.00 | 286 | 130.00 | 4116 | 207.00 | 5948 | 294.00 | 363 |
| 41.00 | 301 | 131.00 | 927 | 208.00 | 1661 | 296.00 | 12555 |
| 45.00 | 335 | 132.00 | 474 | 209.00 | 847 | 297.00 | 1487 |
| 49.00 | 874 | 133.00 | 173 | 210.00 | 1324 | 301.00 | 294 |
| 50.00 | 35408 | 134.00 | 1432 | 211.00 | 2280 | 302.00 | 212 |
| 51.00 | 119712 | 135.00 | 3720 | 212.00 | 423 | 303.00 | 2238 |
| 52.00 | 5999 | 136.00 | 1646 | 215.00 | 513 | 304.00 | 522 |
| 53.00 | 196 | 137.00 | 1806 | 216.00 | 1215 | 305.00 | 132 |
| 55.00 | 537 | 138.00 | 383 | 217.00 | 13087 | 308.00 | 102 |
| 56.00 | 3440 | 139.00 | 230 | 218.00 | 1537 | 310.00 | 73 |
| 57.00 | 8149 | 140.00 | 445 | 219.00 | 523 | 313.00 | 261 |
| 58.00 | 315 | 141.00 | 5613 | 221.00 | 10421 | 314.00 | 763 |
| 61.00 | 1642 | 142.00 | 1752 | 222.00 | 2010 | 315.00 | 1479 |
| 62.00 | 2070 | 143.00 | 1475 | 223.00 | 3470 | 316.00 | 898 |
| 63.00 | 5043 | 144.00 | 472 | 224.00 | 26120 | 321.00 | 699 |
| 64.00 | 924 | 145.00 | 330 | 225.00 | 7192 | 322.00 | 247 |
| 65.00 | 2450 | 146.00 | 926 | 226.00 | 899 | 323.00 | 3969 |
| 66.00 | 310 | 147.00 | 3070 | 227.00 | 11263 | 324.00 | 880 |
| 67.00 | 306 | 148.00 | 5768 | 228.00 | 1616 | 327.00 | 819 |
| 68.00 | 2146 | 149.00 | 1411 | 229.00 | 2197 | 328.00 | 414 |
| 69.00 | 123912 | 150.00 | 343 | 230.00 | 112 | 332.00 | 321 |
| 70.00 | 593 | 151.00 | 614 | 231.00 | 1263 | 333.00 | 518 |
| 71.00 | 216 | 152.00 | 287 | 232.00 | 52 | 334.00 | 3051 |
| 73.00 | 1381 | 153.00 | 1774 | 233.00 | 194 | 335.00 | 853 |
| 74.00 | 12311 | 154.00 | 1333 | 234.00 | 860 | 336.00 | 52 |
| 75.00 | 19112 | 155.00 | 3228 | 235.00 | 843 | 340.00 | 66 |
| 76.00 | 6274 | 156.00 | 4508 | 236.00 | 750 | 341.00 | 555 |
| 77.00 | 132544 | 157.00 | 1041 | 237.00 | 879 | 342.00 | 336 |
| 78.00 | 8727 | 158.00 | 1134 | 238.00 | 274 | 346.00 | 1103 |

Report Date: 11-Aug-2025 12:54:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D\8270LVI_18.rslt\spectra.d
Injection Date: 11-Aug-2025 08:06:30
Spectrum: Tune Spec :Average 592-594( 4.98-4.99 ) Bgrd 585( 4.96) Apex 593( 4.98)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 297

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 79.00 | 8303 | 159.00 | 427 | 239.00 | 694 | 347.00 | 55 |
| 80.00 | 6971 | 160.00 | 1563 | 240.00 | 379 | 351.00 | 54 |
| 81.00 | 9414 | 161.00 | 2347 | 241.00 | 636 | 352.00 | 1379 |
| 82.00 | 2551 | 162.00 | 591 | 242.00 | 1667 | 353.00 | 1479 |
| 83.00 | 2054 | 164.00 | 327 | 243.00 | 1868 | 354.00 | 1468 |
| 84.00 | 460 | 165.00 | 2416 | 244.00 | 23120 | 355.00 | 370 |
| 85.00 | 1625 | 166.00 | 1895 | 245.00 | 2603 | 359.00 | 222 |
| 86.00 | 3078 | 167.00 | 9392 | 246.00 | 4160 | 363.00 | 130 |
| 87.00 | 1497 | 168.00 | 4735 | 247.00 | 867 | 364.00 | 84 |
| 88.00 | 332 | 169.00 | 915 | 248.00 | 214 | 365.00 | 6383 |
| 89.00 | 379 | 170.00 | 439 | 249.00 | 1125 | 366.00 | 1194 |
| 91.00 | 2018 | 171.00 | 462 | 250.00 | 253 | 371.00 | 172 |
| 92.00 | 2371 | 172.00 | 1001 | 251.00 | 392 | 371.00 | 146 |
| 93.00 | 14547 | 173.00 | 1486 | 252.00 | 229 | 372.00 | 2516 |
| 94.00 | 446 | 174.00 | 2666 | 253.00 | 982 | 373.00 | 746 |
| 96.00 | 1076 | 175.00 | 4867 | 255.00 | 109968 | 383.00 | 906 |
| 97.00 | 151 | 176.00 | 1183 | 256.00 | 15788 | 384.00 | 50 |
| 98.00 | 10062 | 177.00 | 1956 | 257.00 | 1401 | 390.00 | 338 |
| 99.00 | 7888 | 178.00 | 787 | 258.00 | 5752 | 391.00 | 435 |
| 100.00 | 683 | 179.00 | 8788 | 259.00 | 1199 | 401.00 | 222 |
| 101.00 | 5352 | 180.00 | 5530 | 260.00 | 110 | 402.00 | 1209 |
| 102.00 | 262 | 181.00 | 2502 | 261.00 | 114 | 403.00 | 1526 |
| 103.00 | 1542 | 182.00 | 414 | 263.00 | 56 | 404.00 | 382 |
| 104.00 | 3007 | 183.00 | 120 | 264.00 | 108 | 414.00 | 50 |
| 105.00 | 2838 | 184.00 | 749 | 265.00 | 2508 | 418.00 | 52 |
| 106.00 | 1031 | 185.00 | 3729 | 266.00 | 435 | 421.00 | 1397 |
| 107.00 | 35576 | 186.00 | 26296 | 270.00 | 149 | 422.00 | 1792 |
| 108.00 | 5678 | 187.00 | 7189 | 271.00 | 500 | 423.00 | 11086 |
| 109.00 | 1543 | 188.00 | 788 | 272.00 | 684 | 424.00 | 2486 |
| 110.00 | 62056 | 189.00 | 1906 | 273.00 | 3530 | 425.00 | 238 |
| 111.00 | 10301 | 190.00 | 389 | 274.00 | 10190 | 434.00 | 50 |
| 112.00 | 1322 | 191.00 | 990 | 275.00 | 53344 | 436.00 | 247 |
| 113.00 | 365 | 192.00 | 2020 | 276.00 | 6864 | 437.00 | 319 |
| 115.00 | 332 | 193.00 | 2967 | 277.00 | 4393 | 438.00 | 825 |

Report Date: 11-Aug-2025 12:54:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D\8270LVI_18.rslt\spectra.d
Injection Date: 11-Aug-2025 08:06:30
Spectrum: Tune Spec :Average 592-594( 4.98-4.99 ) Bgrd 585( 4.96) Apex 593( 4.98)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 297

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 116.00 | 1896 | 194.00 | 589 | 278.00 | 582 | 441.00 | 40264 |
| 117.00 | 26656 | 195.00 | 630 | 279.00 | 198 | 442.00 | 198720 |
| 118.00 | 1595 | 196.00 | 6387 | 281.00 | 247 | 443.00 | 39016 |
| 119.00 | 309 | 198.00 | 191168 | 282.00 | 222 | 444.00 | 3952 |
| 120.00 | 370 | 199.00 | 12613 | 283.00 | 337 | 445.00 | 211 |
| 122.00 | 2576 | 200.00 | 1112 | 284.00 | 312 | | |
| 123.00 | 3430 | 201.00 | 853 | 285.00 | 805 | | |
| 124.00 | 1627 | 202.00 | 144 | 286.00 | 51 | | |

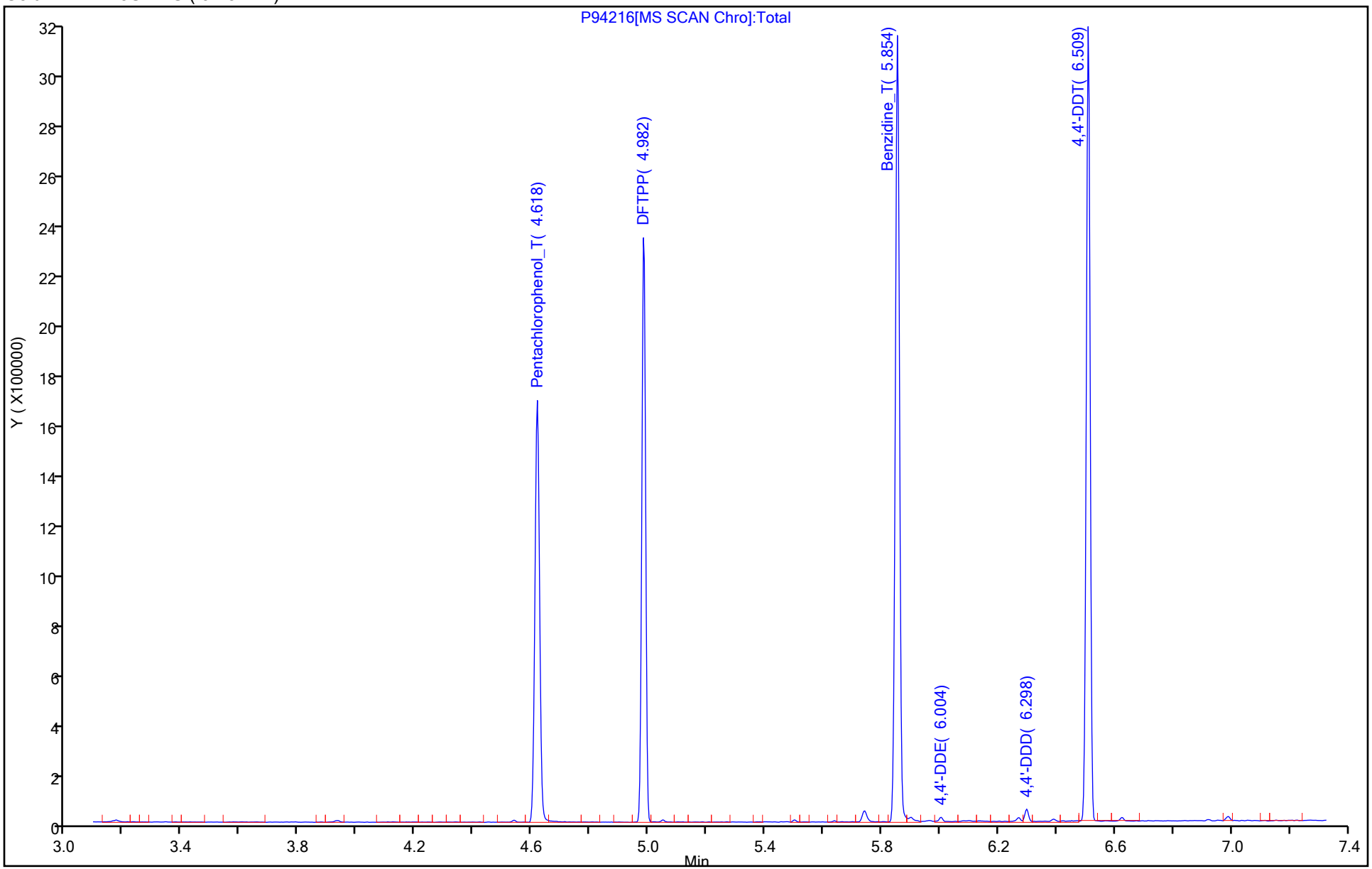
Report Date: 11-Aug-2025 12:54:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Aug-2025 08:06:30 | Instrument ID: | CBNAMS18 | Operator ID: | |
| Lims ID: | DFTPP | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D
Injection Date: 11-Aug-2025 08:06:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

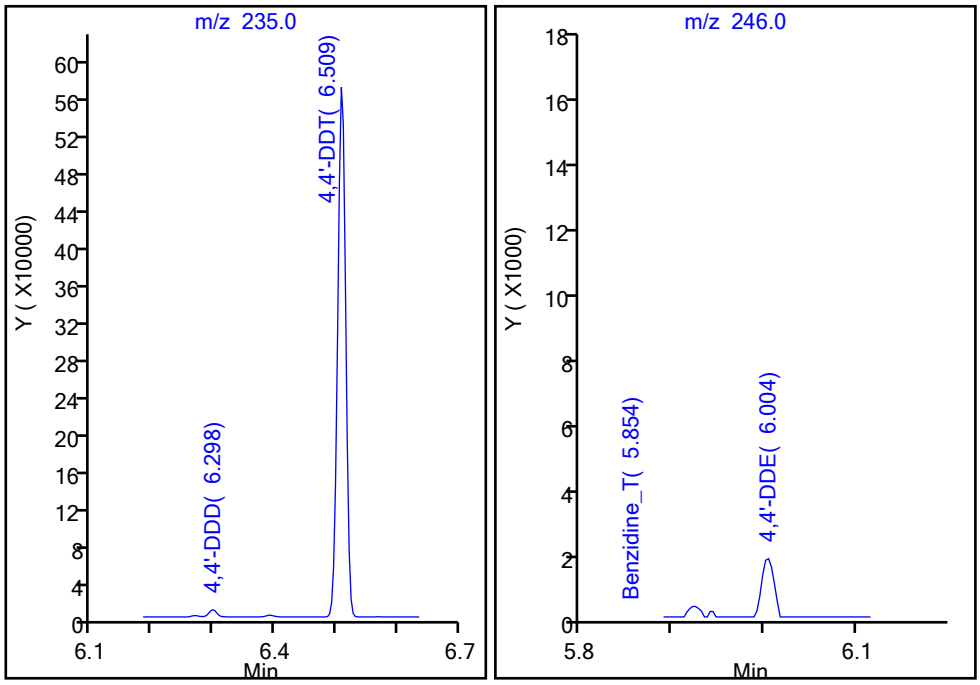
126 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

126 4,4'-DDT, Area = 524371
125 4,4'-DDD, Area = 7022
124 4,4'-DDE, Area = 1662

%Breakdown: 1.63%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

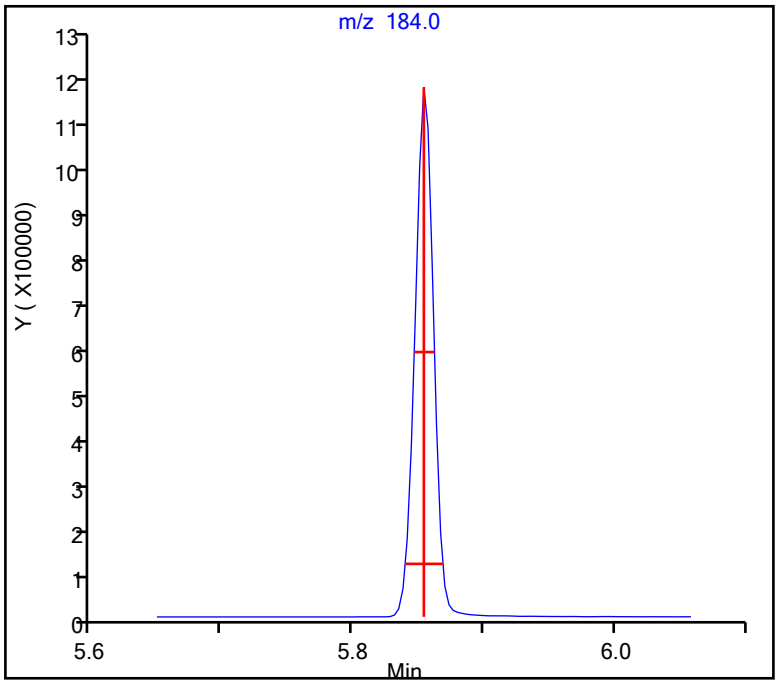
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D
Injection Date: 11-Aug-2025 08:06:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.07, Max. Tailing <= 2.00
Passed
---



Peak Tailing Report

Eurofins Edison

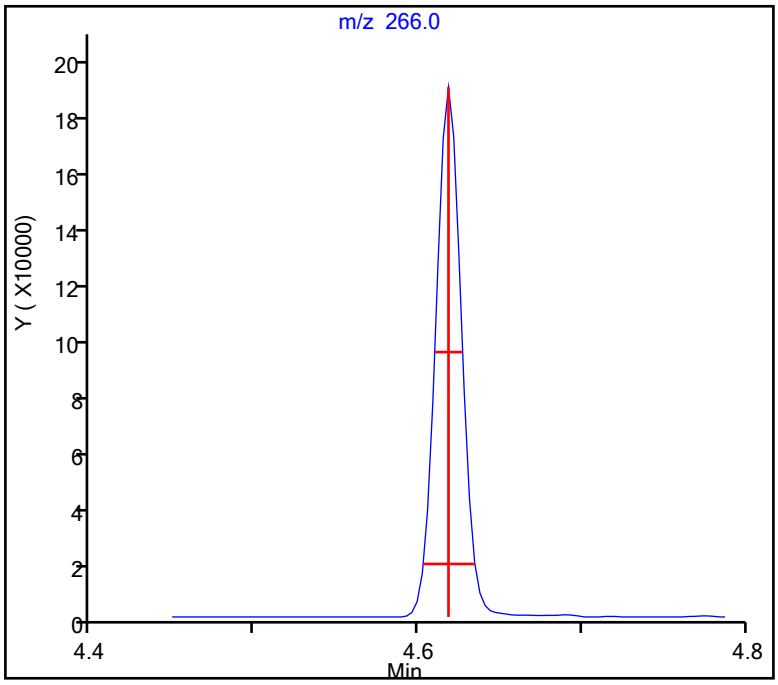
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94216.D
Injection Date: 11-Aug-2025 08:06:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.00, Max. Tailing <= 2.00
Passed
---



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1055552/1-A

Matrix: Water | Lab File ID: N59954.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/14/2025 10:57

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 18:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055605 | Units: ug/L

Preparation Batch No.: 1055552 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 78 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 81 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 73 | | 10-133 |

Report Date: 15-Aug-2025 04:48:15 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59954.d
Lims ID: MB 460-1055552/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2025 18:32:04 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-006
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 04:48:15 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 18:54:24

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.516 | 2.511 | 0.005 | 96 | 632611 | 10.0 | 6.81 | |
| $ 6 Phenol-d5 | 99 | 3.393 | 3.399 | -0.006 | 96 | 655865 | 10.0 | 5.86 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.728 | 3.728 | 0.000 | 96 | 546281 | 8.00 | 8.00 | |
| $ 27 Nitrobenzene-d5 | 82 | 4.275 | 4.275 | 0.000 | 87 | 816315 | 10.0 | 8.05 | |
| * 38 Naphthalene-d8 | 136 | 4.975 | 4.975 | 0.000 | 99 | 1982126 | 8.00 | 8.00 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.034 | 6.040 | -0.006 | 97 | 1747054 | 10.0 | 7.76 | |
| * 64 Acenaphthene-d10 | 164 | 6.663 | 6.669 | -0.006 | 95 | 1147419 | 8.00 | 8.00 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.410 | 7.416 | -0.006 | 91 | 396565 | 10.0 | 8.36 | |
| * 87 Phenanthrene-d10 | 188 | 8.063 | 8.069 | -0.006 | 98 | 2047493 | 8.00 | 8.00 | |
| $ 96 Terphenyl-d14 | 244 | 9.598 | 9.604 | -0.006 | 98 | 1979151 | 10.0 | 7.28 | |
| * 102 Chrysene-d12 | 240 | 10.598 | 10.604 | -0.006 | 99 | 1447513 | 8.00 | 8.00 | |
| * 109 Perylene-d12 | 264 | 12.328 | 12.334 | -0.006 | 99 | 1292854 | 8.00 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

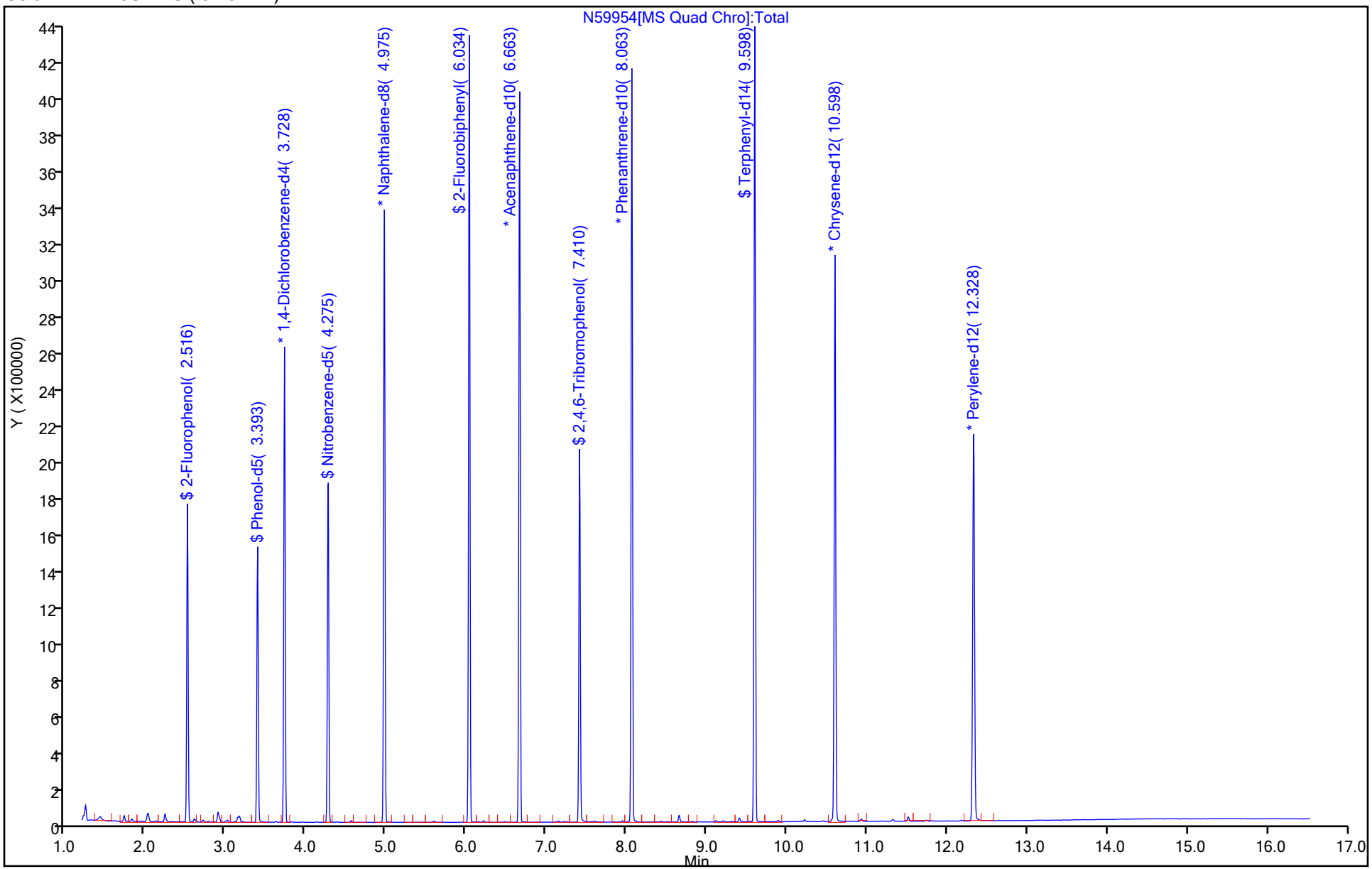
Report Date: 15-Aug-2025 04:48:15 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59954.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 18:32:04 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | MB 460-1055552/1-A | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Report Date: 15-Aug-2025 04:48:15 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59954.d
Lims ID: MB 460-1055552/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2025 18:32:04 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-006
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 04:48:15 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 18:54:24

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 6.81 | 68.13 |
| $ 6 Phenol-d5 | 10.0 | 5.86 | 58.56 |
| $ 27 Nitrobenzene-d5 | 10.0 | 8.05 | 80.52 |
| $ 51 2-Fluorobiphenyl | 10.0 | 7.76 | 77.56 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 8.36 | 83.59 |
| $ 96 Terphenyl-d14 | 10.0 | 7.28 | 72.81 |

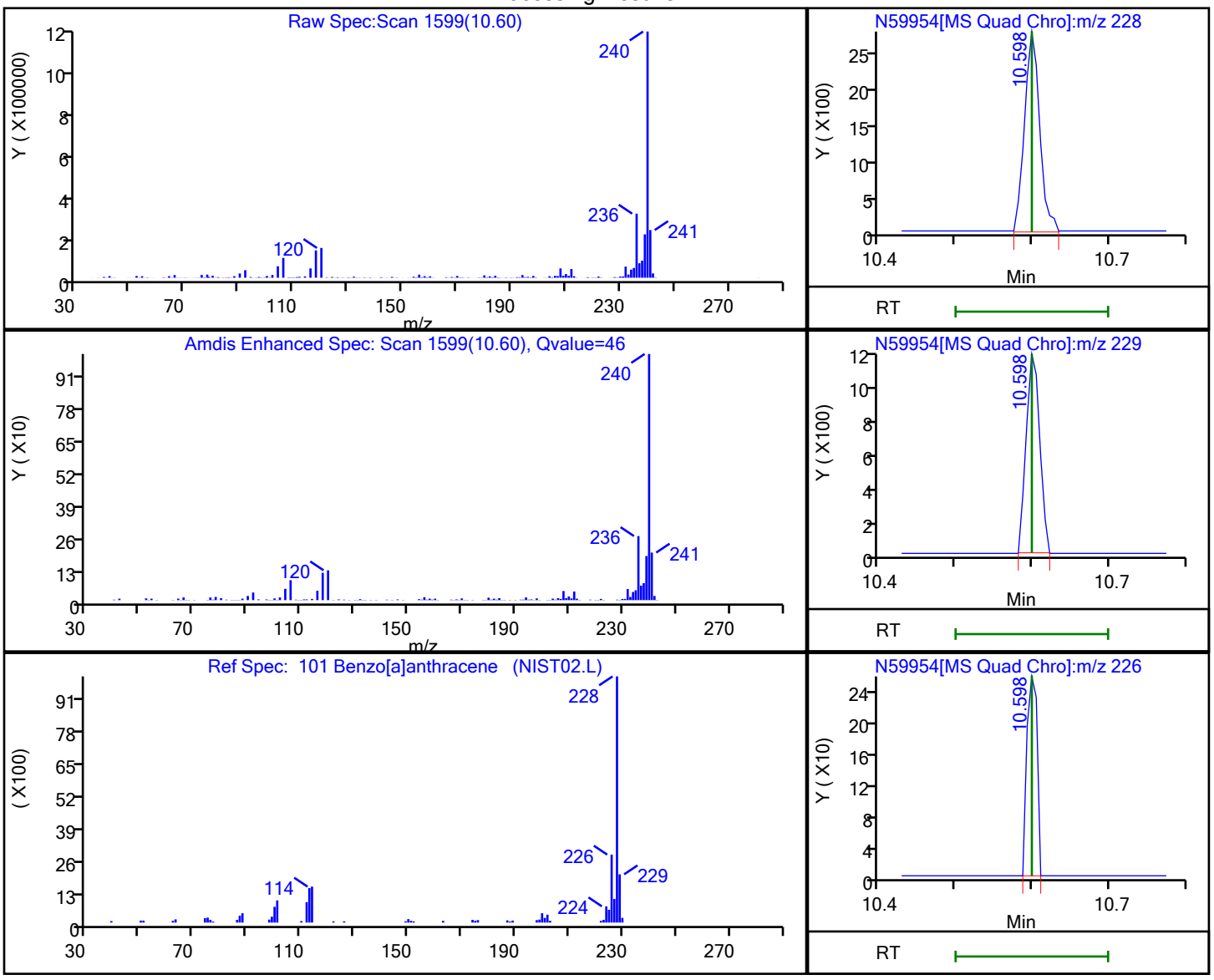
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59954.d
Injection Date: 14-Aug-2025 18:32:04 Instrument ID: CBNAMS14
Lims ID: MB 460-1055552/1-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.60 | 228.00 | 3823 | -0.000269 |
| 10.60 | 229.00 | 1421 | |
| 10.60 | 226.00 | 243 | |

Reviewer: G4KC, 15-Aug-2025 04:47:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

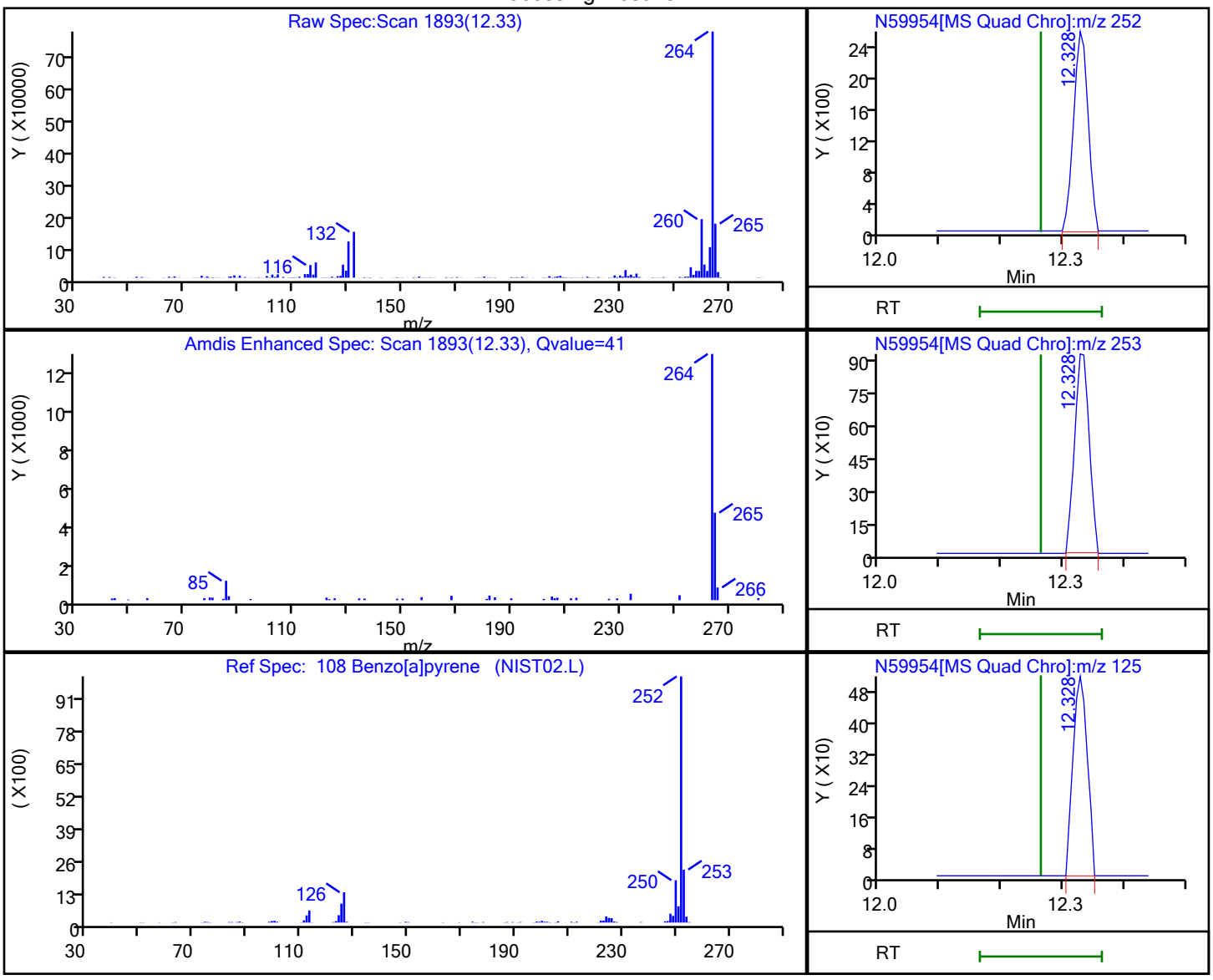
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59954.d
Injection Date: 14-Aug-2025 18:32:04 Instrument ID: CBNAMS14
Lims ID: MB 460-1055552/1-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.33 | 252.00 | 4238 | 0.025569 |
| 12.33 | 253.00 | 1540 | |
| 12.33 | 125.00 | 844 | |

Reviewer: G4KC, 15-Aug-2025 04:47:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

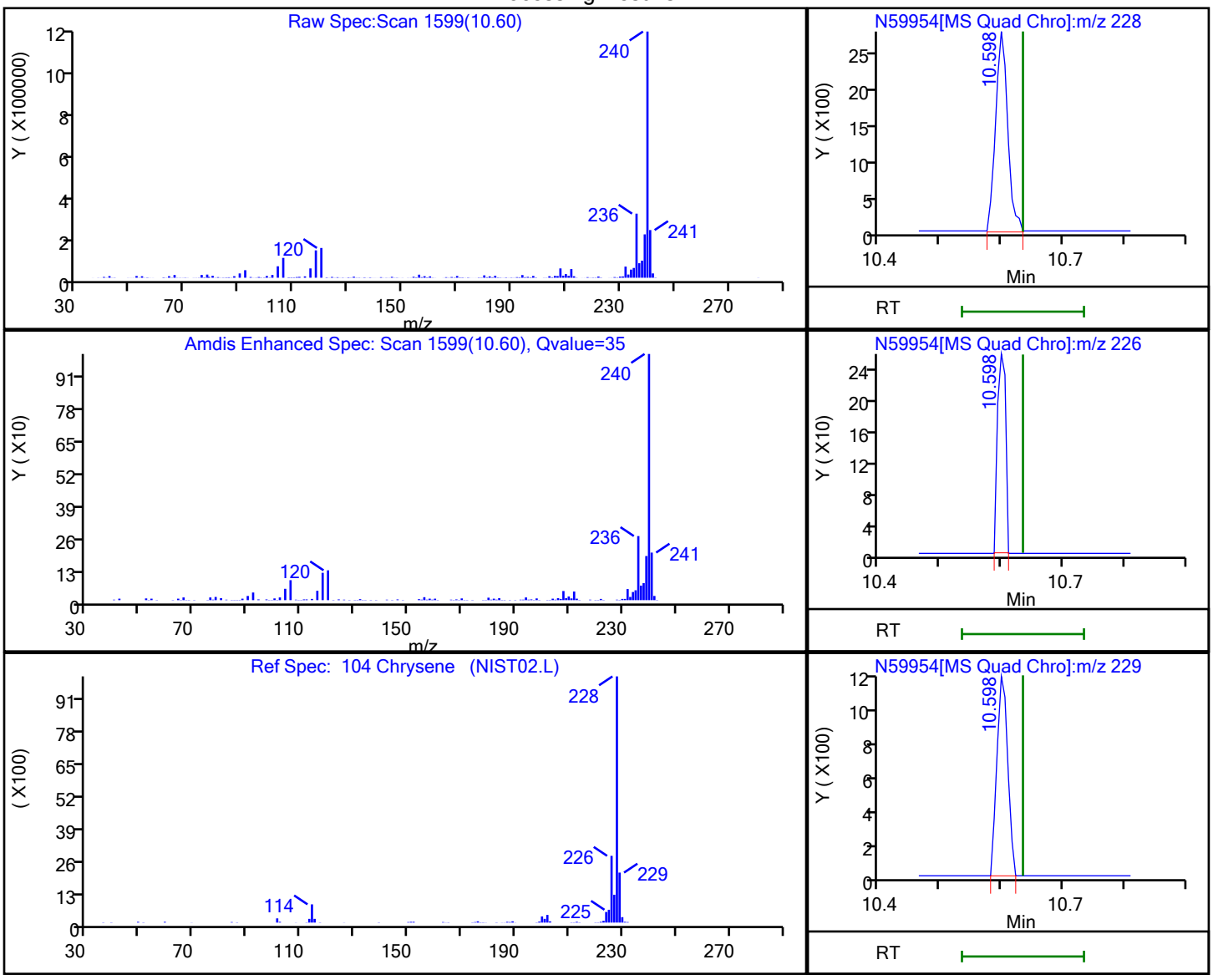
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59954.d
Injection Date: 14-Aug-2025 18:32:04 Instrument ID: CBNAMS14
Lims ID: MB 460-1055552/1-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.60 | 228.00 | 3823 | 0.016865 |
| 10.60 | 226.00 | 243 | |
| 10.60 | 229.00 | 1421 | |

Reviewer: G4KC, 15-Aug-2025 04:47:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

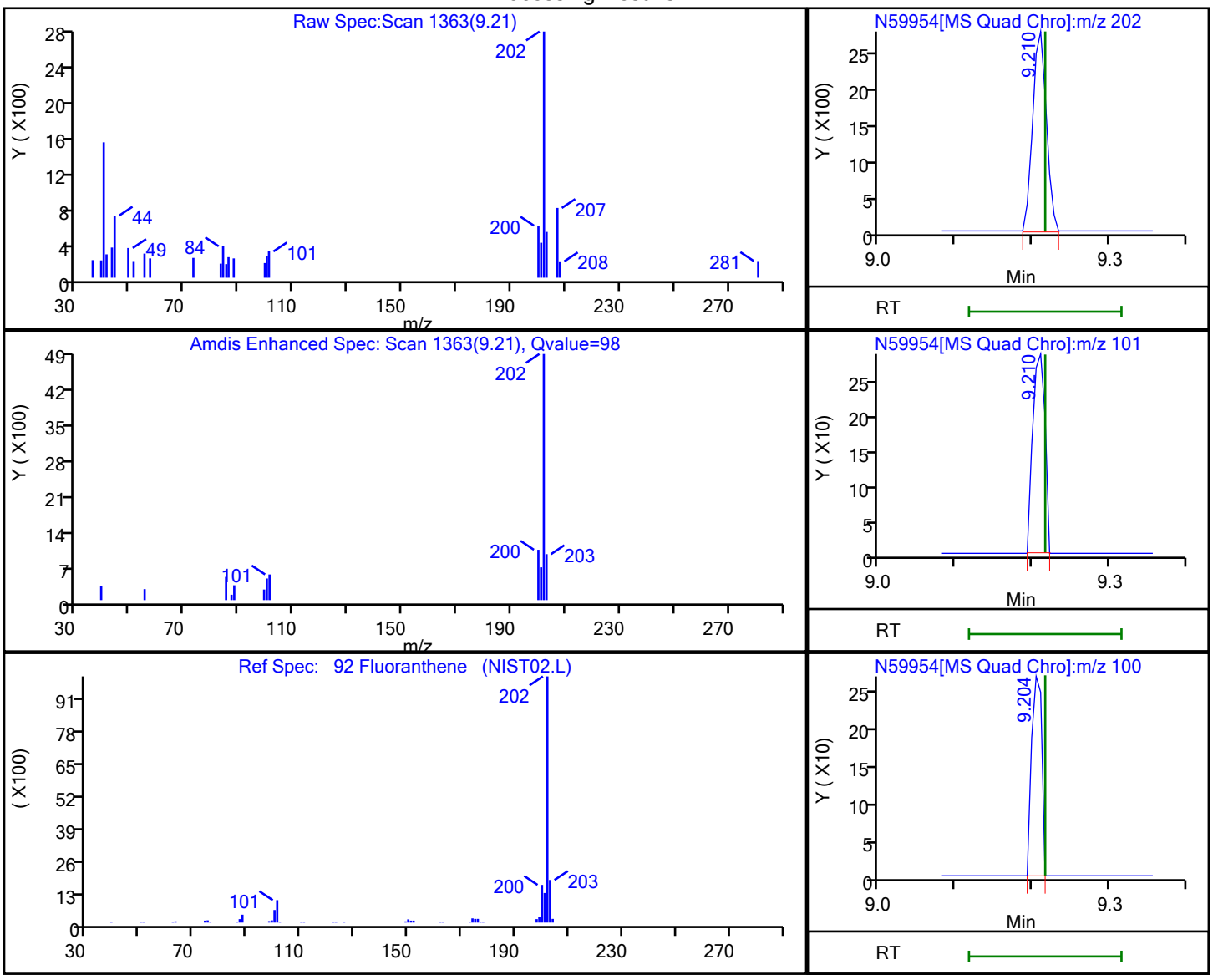
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59954.d | | | | |
| Injection Date: | 14-Aug-2025 18:32:04 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | MB 460-1055552/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 92 Fluoranthene, CAS: 206-44-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.21 | 202.00 | 3392 | 0.014585 |
| 9.21 | 101.00 | 323 | |
| 9.20 | 100.00 | 243 | |

Reviewer: G4KC, 15-Aug-2025 04:47:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

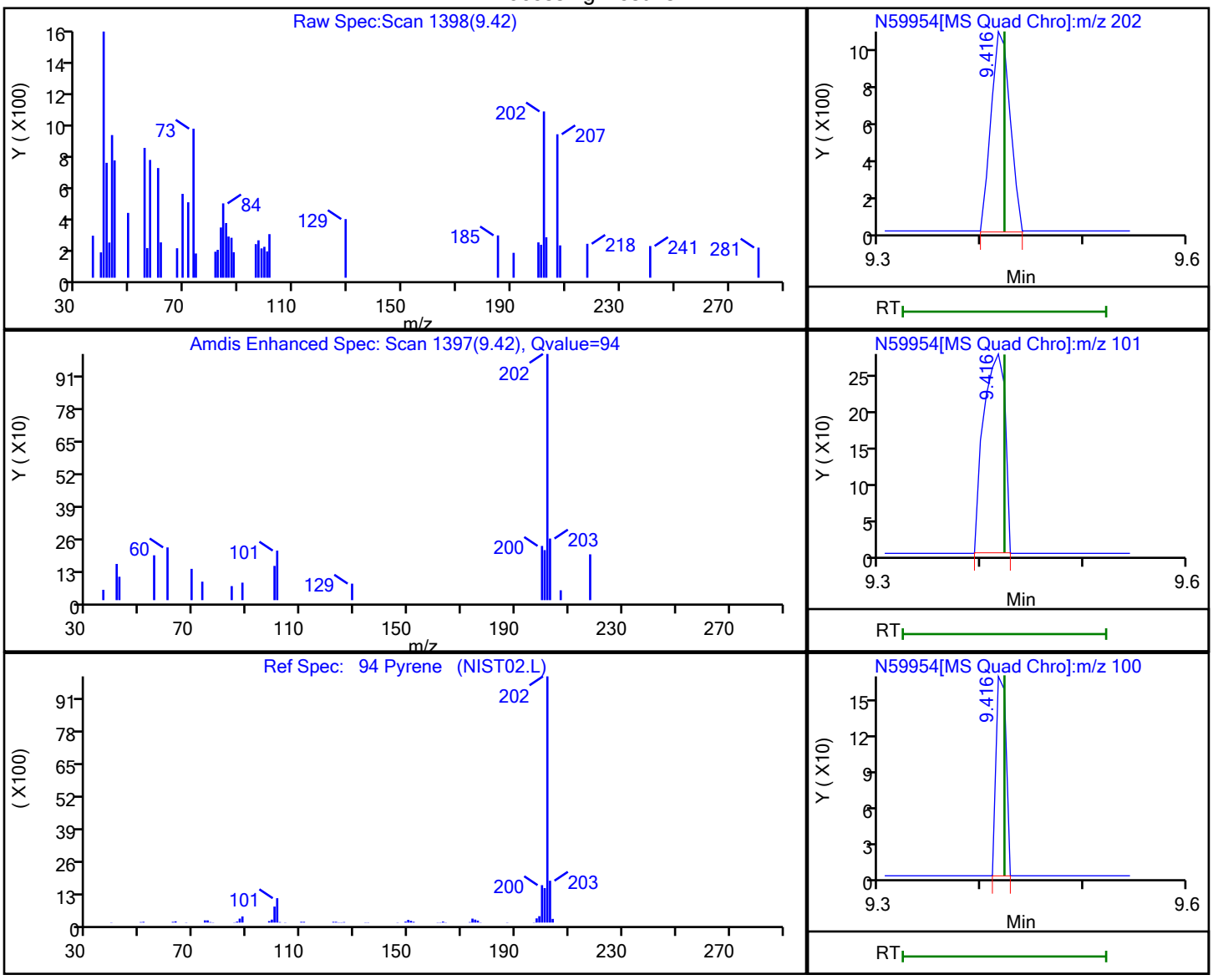
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59954.d
Injection Date: 14-Aug-2025 18:32:04 Instrument ID: CBNAMS14
Lims ID: MB 460-1055552/1-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 94 Pyrene, CAS: 129-00-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.42 | 202.00 | 1355 | 0.004346 |
| 9.42 | 101.00 | 402 | |
| 9.42 | 100.00 | 113 | |

Reviewer: G4KC, 15-Aug-2025 04:47:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1055555/1-A

Matrix: Water | Lab File ID: P94272.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:07

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 19:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 56 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 62 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 60 | | 10-133 |

Report Date: 15-Aug-2025 03:48:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94272.D
Lims ID: MB 460-1055555/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2025 19:09:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-009
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:48:47 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 19:33:29

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 3.238 | 3.239 | -0.001 | 94 | 308926 | 10.0 | 3.15 | |
| $ 6 Phenol-d5 | 99 | 4.091 | 4.101 | -0.010 | 0 | 320440 | 10.0 | 2.54 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 4.467 | 4.469 | -0.002 | 97 | 514045 | 8.00 | 8.00 | |
| $ 28 Nitrobenzene-d5 | 82 | 4.987 | 4.993 | -0.006 | 89 | 725703 | 10.0 | 6.16 | |
| * 38 Naphthalene-d8 | 136 | 5.677 | 5.680 | -0.003 | 100 | 2059548 | 8.00 | 8.00 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.704 | 6.709 | -0.005 | 97 | 1156413 | 10.0 | 5.57 | |
| * 64 Acenaphthene-d10 | 164 | 7.343 | 7.346 | -0.003 | 96 | 1060849 | 8.00 | 8.00 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.084 | 8.091 | -0.007 | 94 | 147508 | 10.0 | 5.11 | |
| * 88 Phenanthrene-d10 | 188 | 8.748 | 8.750 | -0.002 | 99 | 1793007 | 8.00 | 8.00 | |
| $ 97 Terphenyl-d14 | 244 | 10.271 | 10.275 | -0.004 | 98 | 1148270 | 10.0 | 6.01 | |
| * 103 Chrysene-d12 | 240 | 11.392 | 11.397 | -0.005 | 99 | 1085651 | 8.00 | 8.00 | |
| * 110 Perylene-d12 | 264 | 13.307 | 13.311 | -0.004 | 98 | 1019591 | 8.00 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 15-Aug-2025 03:48:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94272.D

Injection Date: 14-Aug-2025 19:09:30 Instrument ID: CBNAMS18 Operator ID:

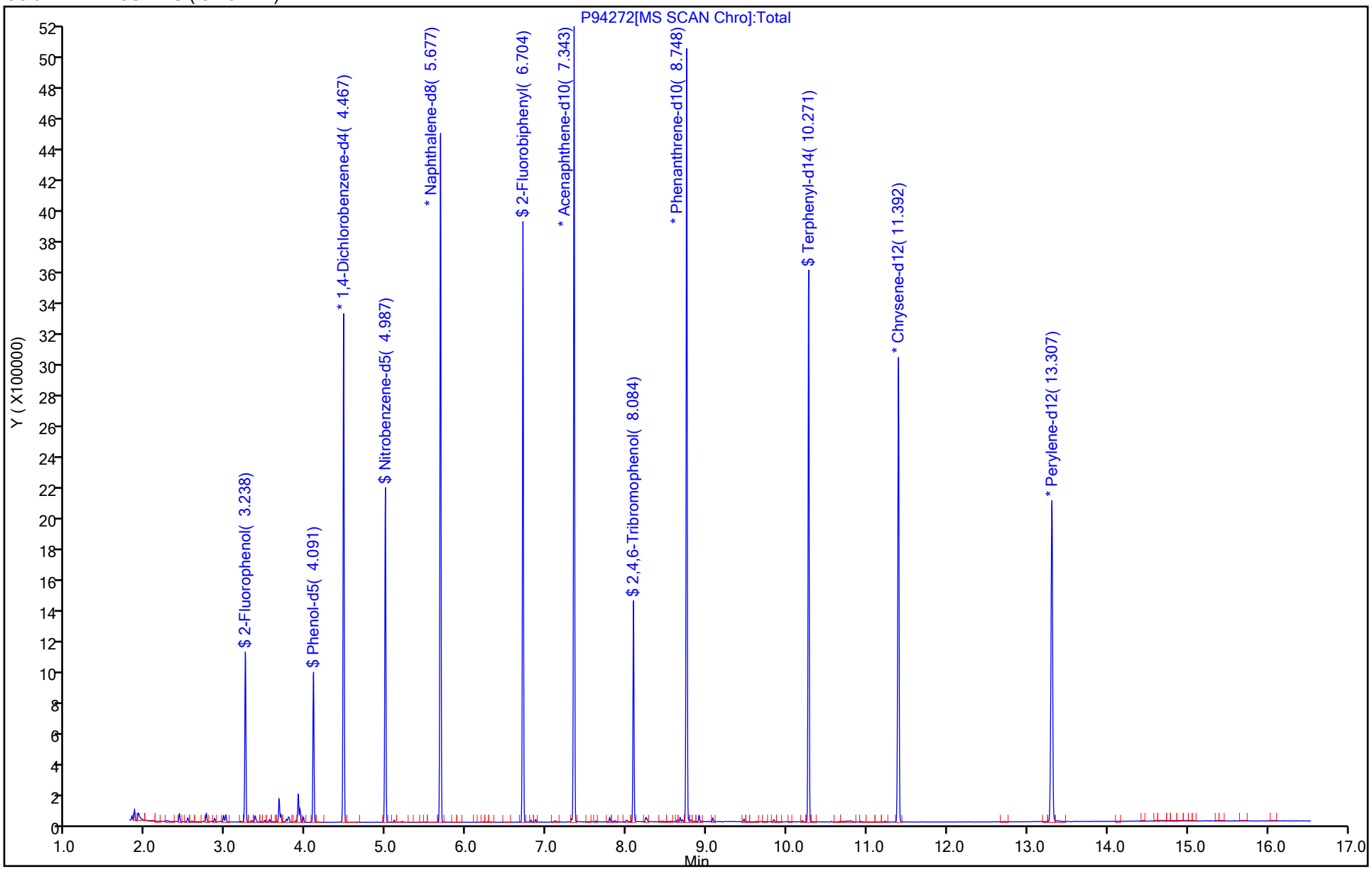
Lims ID: MB 460-1055555/1-A Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Report Date: 15-Aug-2025 03:48:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94272.D
Lims ID: MB 460-1055555/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2025 19:09:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-009
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:48:47 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 19:33:29

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 3.15 | 31.47 |
| $ 6 Phenol-d5 | 10.0 | 2.54 | 25.42 |
| $ 28 Nitrobenzene-d5 | 10.0 | 6.16 | 61.57 |
| $ 53 2-Fluorobiphenyl | 10.0 | 5.57 | 55.66 |
| $ 79 2,4,6-Tribromophenol | 10.0 | 5.11 | 51.13 |
| $ 97 Terphenyl-d14 | 10.0 | 6.01 | 60.13 |

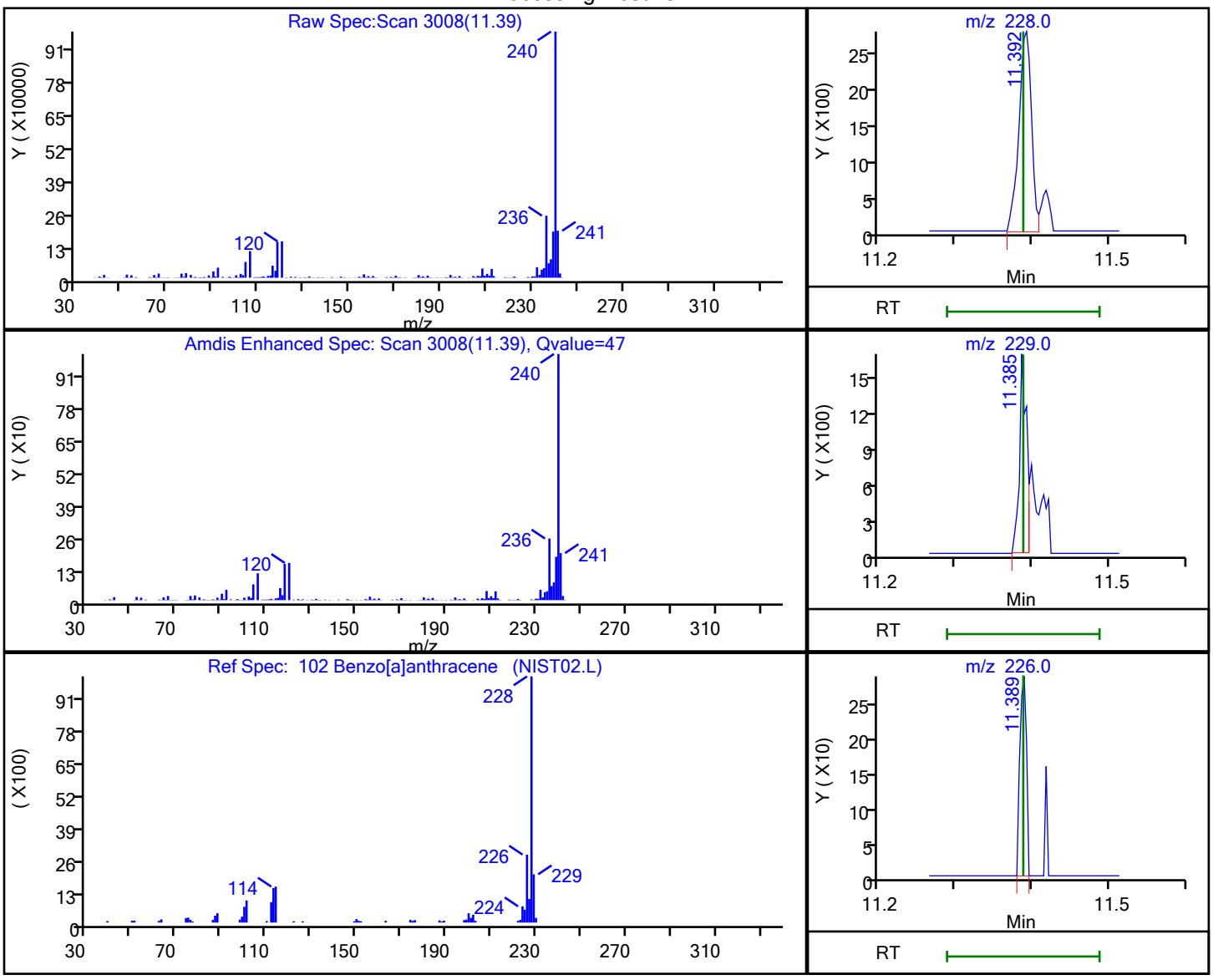
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94272.D | | | | |
| Injection Date: | 14-Aug-2025 19:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | MB 460-1055555/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 3149 | -0.002786 |
| 11.39 | 229.00 | 1071 | |
| 11.39 | 226.00 | 173 | |

Reviewer: G4KC, 15-Aug-2025 03:48:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

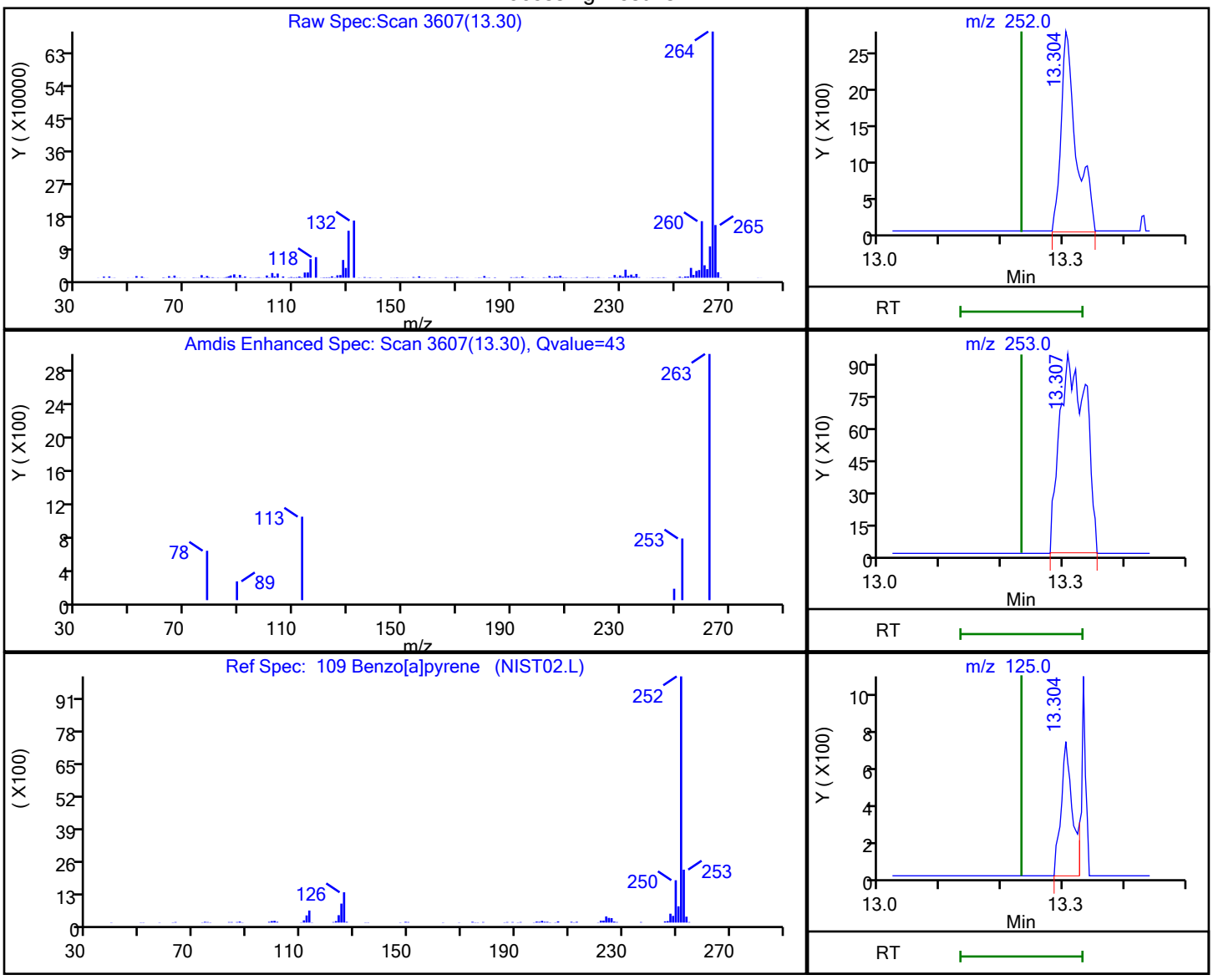
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94272.D
Injection Date: 14-Aug-2025 19:09:30 Instrument ID: CBNAMS18
Lims ID: MB 460-1055555/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.30 | 252.00 | 4684 | 0.034019 |
| 13.31 | 253.00 | 2793 | |
| 13.30 | 125.00 | 952 | |

Reviewer: G4KC, 15-Aug-2025 03:48:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

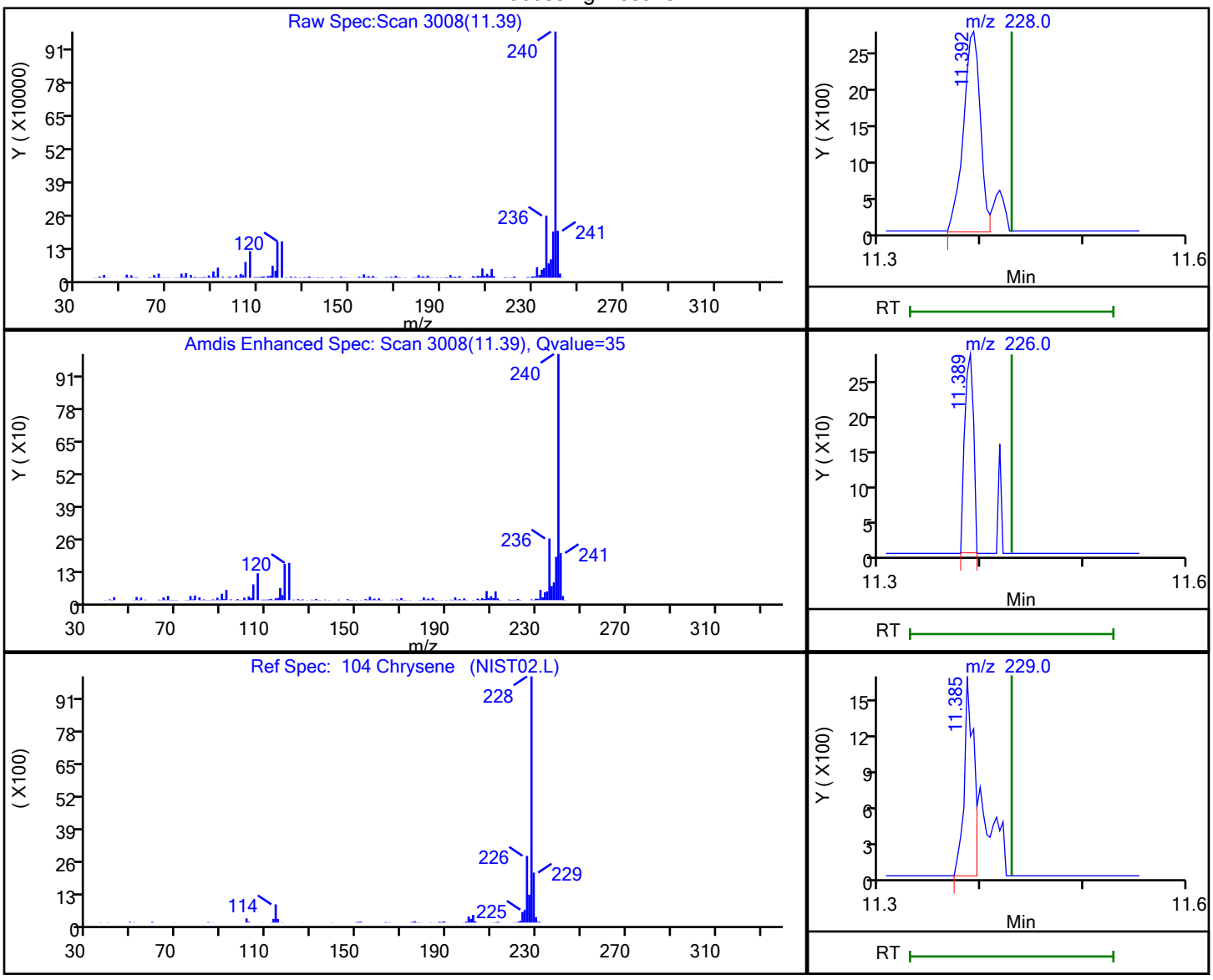
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94272.D | | | | |
| Injection Date: | 14-Aug-2025 19:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | MB 460-1055555/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.39 | 228.00 | 3149 | 0.018439 |
| 11.39 | 226.00 | 173 | |
| 11.39 | 229.00 | 1071 | |

Reviewer: G4KC, 15-Aug-2025 03:48:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

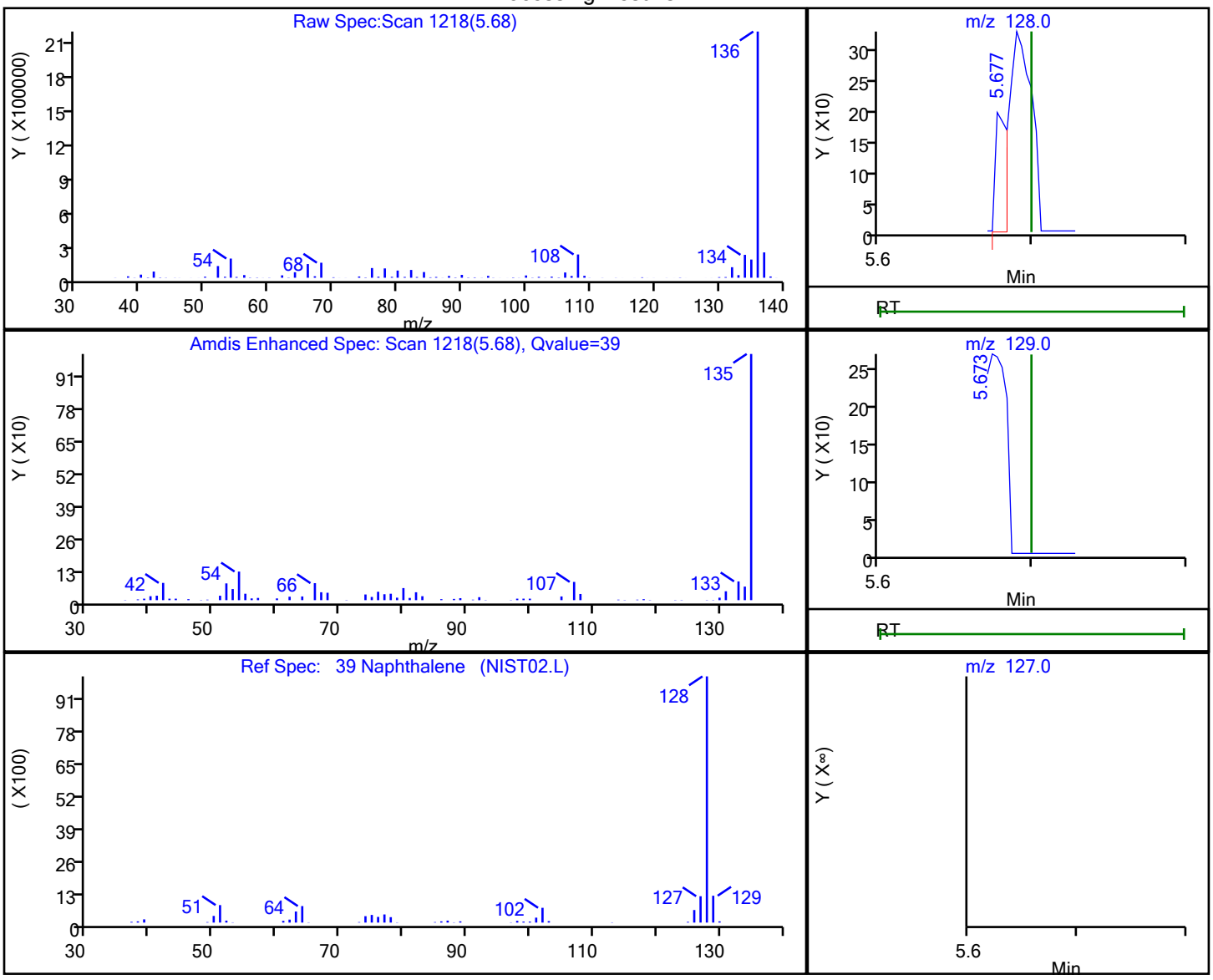
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94272.D | | | | |
| Injection Date: | 14-Aug-2025 19:09:30 | Instrument ID: | CBNAMS18 | | |
| Lims ID: | MB 460-1055555/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_18 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.68 | 128.00 | 103 | 0.000370 |
| 5.67 | 129.00 | 237 | |
| 5.70 | 127.00 | 0 | |

Reviewer: U6BX, 14-Aug-2025 19:33:18 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1055552/2-A

Matrix: Water | Lab File ID: N59952.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/14/2025 10:57

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 17:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055605 | Units: ug/L

Preparation Batch No.: 1055552 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 72.3 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 65.3 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 67.7 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 69.5 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 70.0 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 69.6 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 66.7 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 66.9 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 72.0 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 70.7 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 73.0 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 80.0 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 71.0 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 71.5 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 65.7 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 68.6 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 59.5 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 73 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 77 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 42 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59952.d
Lims ID: LCS 460-1055552/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-Aug-2025 17:42:54 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-004
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 04:46:01 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 04:46:39

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.358 | 1.340 | 0.018 | 93 | 109135 | 10.0 | 3.61 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.523 | 1.517 | 0.005 | 89 | 177943 | 10.0 | 4.06 | |
| | 3 Pyridine | 79 | 1.564 | 1.546 | 0.018 | 93 | 233923 | 20.0 | 3.33 | |
| $ | 4 2-Fluorophenol | 112 | 2.517 | 2.511 | 0.006 | 96 | 336250 | 10.0 | 4.59 | |
| | 5 Benzaldehyde | 77 | 3.293 | 3.287 | 0.006 | 95 | 345966 | 5.00 | 6.26 | E |
| $ | 6 Phenol-d5 | 99 | 3.393 | 3.399 | -0.006 | 96 | 289537 | 10.0 | 3.27 | |
| | 8 Aniline | 93 | 3.405 | 3.405 | 0.000 | 94 | 275708 | 10.0 | 2.79 | |
| | 7 Phenol | 94 | 3.411 | 3.411 | 0.000 | 96 | 325217 | 10.0 | 3.59 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.475 | 3.475 | 0.000 | 97 | 550267 | 10.0 | 7.95 | |
| | 10 Benzonitrile | 103 | 3.475 | 3.481 | -0.006 | 99 | 1090496 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.528 | 3.528 | 0.000 | 97 | 518493 | 10.0 | 7.22 | |
| | 12 n-Decane | 43 | 3.593 | 3.593 | 0.000 | 89 | 463533 | 10.0 | 6.99 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.675 | 3.675 | 0.000 | 96 | 636597 | 10.0 | 7.65 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.728 | 3.728 | 0.000 | 96 | 431315 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.746 | 3.746 | 0.000 | 96 | 648437 | 10.0 | 7.30 | |
| | 16 Benzyl alcohol | 108 | 3.875 | 3.881 | -0.006 | 93 | 246098 | 10.0 | 6.55 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.893 | 3.893 | 0.000 | 96 | 627871 | 10.0 | 7.91 | |
| | 18 2-Methylphenol | 108 | 4.011 | 4.011 | 0.000 | 89 | 406572 | 10.0 | 6.39 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.016 | 4.017 | 0.000 | 91 | 662640 | 10.0 | 7.99 | |
| | 20 N-Methylaniline | 106 | 4.128 | 4.128 | 0.000 | 95 | 393527 | 10.0 | 3.90 | |
| | 21 Acetophenone | 105 | 4.134 | 4.134 | 0.000 | 94 | 787944 | 10.0 | 8.15 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.140 | 4.146 | -0.006 | 87 | 404466 | 10.0 | 8.44 | |
| | 23 3 & 4 Methylphenol | 108 | 4.164 | 4.169 | -0.005 | 67 | 398321 | 10.0 | 6.07 | |
| | 24 4-Methylphenol | 108 | 4.164 | 4.169 | -0.005 | 97 | 398321 | 10.0 | 6.07 | |
| | 25 Hexachloroethane | 117 | 4.228 | 4.228 | 0.000 | 93 | 260589 | 10.0 | 7.79 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.275 | 4.275 | 0.000 | 87 | 609095 | 10.0 | 7.67 | |
| | 28 Nitrobenzene | 123 | 4.293 | 4.299 | -0.006 | 97 | 295576 | 10.0 | 8.36 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.305 | 4.305 | 0.000 | 95 | 481012 | 10.0 | 4.54 | |
| | 30 Isophorone | 82 | 4.534 | 4.534 | 0.000 | 99 | 967936 | 10.0 | 7.72 | |
| | 32 2-Nitrophenol | 139 | 4.611 | 4.611 | 0.000 | 93 | 303768 | 10.0 | 8.46 | |
| | 33 2,4-Dimethylphenol | 122 | 4.681 | 4.687 | -0.006 | 91 | 456697 | 10.0 | 7.77 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 4.764 | 4.764 | 0.000 | 99 | 677708 | 10.0 | 8.28 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.775 | 4.805 | -0.030 | 91 | 131623 | 10.0 | 4.08 | |
| 36 2,4-Dichlorophenol | 162 | 4.858 | 4.858 | 0.000 | 97 | 477776 | 10.0 | 8.37 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.928 | 4.928 | 0.000 | 95 | 542478 | 10.0 | 8.14 | |
| * 38 Naphthalene-d8 | 136 | 4.975 | 4.975 | 0.000 | 99 | 1553064 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.999 | 4.999 | 0.000 | 99 | 1698468 | 10.0 | 8.21 | |
| 40 4-Chloroaniline | 127 | 5.064 | 5.069 | -0.005 | 98 | 346993 | 10.0 | 4.62 | |
| 130 2,6-Dichlorophenol | 162 | 5.069 | 5.075 | -0.006 | 97 | 475198 | 10.0 | 8.54 | |
| 41 Hexachlorobutadiene | 225 | 5.140 | 5.140 | 0.000 | 97 | 350108 | 10.0 | 8.63 | |
| 42 Caprolactam | 55 | 5.393 | 5.393 | 0.000 | 93 | 30382 | 5.00 | 1.43 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.563 | 5.569 | -0.006 | 96 | 425584 | 10.0 | 8.07 | |
| 44 2-Methylnaphthalene | 142 | 5.669 | 5.675 | -0.006 | 86 | 1055904 | 10.0 | 9.03 | |
| 45 1-Methylnaphthalene | 142 | 5.763 | 5.763 | 0.000 | 92 | 1072182 | 10.0 | 8.87 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.840 | 5.840 | 0.000 | 97 | 462225 | 10.0 | 7.95 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.840 | 5.840 | 0.000 | 97 | 619863 | 10.0 | 8.33 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.905 | 5.905 | 0.000 | 90 | 740499 | 10.0 | 9.29 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.958 | 5.958 | 0.000 | 90 | 368495 | 10.0 | 8.18 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.993 | 5.993 | 0.000 | 98 | 396926 | 10.0 | 8.21 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.034 | 6.040 | -0.006 | 97 | 1250567 | 10.0 | 7.31 | |
| 52 1,1'-Biphenyl | 154 | 6.128 | 6.128 | 0.000 | 96 | 1424696 | 10.0 | 8.28 | |
| 53 2-Chloronaphthalene | 162 | 6.134 | 6.134 | 0.000 | 96 | 1133557 | 10.0 | 8.38 | |
| 54 Phenyl ether | 170 | 6.234 | 6.234 | 0.000 | 86 | 768151 | 10.0 | 8.27 | |
| 55 2-Nitroaniline | 65 | 6.246 | 6.246 | 0.000 | 97 | 351325 | 10.0 | 8.24 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.352 | 6.352 | 0.000 | 91 | 841853 | 10.0 | 8.96 | |
| 60 Coumarin | 146 | 6.434 | 6.434 | 0.000 | 80 | 416574 | 10.0 | 10.3 | |
| 59 Dimethyl phthalate | 163 | 6.440 | 6.440 | 0.000 | 97 | 1228936 | 10.0 | 8.92 | |
| 61 2,6-Dinitrotoluene | 165 | 6.487 | 6.487 | 0.000 | 96 | 276290 | 10.0 | 9.26 | |
| 62 Acenaphthylene | 152 | 6.528 | 6.528 | 0.000 | 97 | 1767714 | 10.0 | 8.47 | |
| 63 3-Nitroaniline | 138 | 6.640 | 6.634 | 0.000 | 98 | 179910 | 10.0 | 5.75 | |
| * 64 Acenaphthene-d10 | 164 | 6.663 | 6.669 | -0.006 | 95 | 871423 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.693 | 6.699 | -0.006 | 95 | 1010463 | 10.0 | 8.16 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.716 | 6.722 | -0.006 | 97 | 959573 | 10.0 | 8.16 | |
| 67 2,4-Dinitrophenol | 184 | 6.740 | 6.740 | 0.000 | 96 | 315634 | 20.0 | 21.9 | |
| 68 4-Nitrophenol | 65 | 6.834 | 6.834 | -0.006 | 93 | 231306 | 20.0 | 12.2 | |
| 70 Dibenzofuran | 168 | 6.863 | 6.863 | 0.000 | 99 | 1549319 | 10.0 | 8.59 | |
| 69 2,4-Dinitrotoluene | 165 | 6.863 | 6.864 | 0.000 | 95 | 383762 | 10.0 | 10.8 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.993 | 6.993 | 0.000 | 95 | 317207 | 10.0 | 9.15 | |
| 73 Diethyl phthalate | 149 | 7.116 | 7.116 | 0.000 | 98 | 1197559 | 10.0 | 8.86 | |
| 75 Fluorene | 166 | 7.187 | 7.187 | 0.000 | 95 | 1260631 | 10.0 | 8.87 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.199 | 7.199 | 0.000 | 91 | 610318 | 10.0 | 8.80 | |
| 76 4-Nitroaniline | 138 | 7.216 | 7.222 | -0.006 | 89 | 256541 | 10.0 | 9.18 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.252 | 7.252 | 0.000 | 89 | 428355 | 20.0 | 19.8 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.316 | 7.316 | 0.000 | 96 | 868600 | 10.0 | 8.33 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.346 | 7.352 | -0.006 | 94 | 1180960 | 10.0 | 7.68 | |
| 131 Azobenzene | 77 | 7.346 | 7.352 | -0.006 | 0 | 1181353 | 10.0 | 7.59 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.416 | 7.416 | 0.000 | 91 | 276370 | 10.0 | 7.67 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.657 | 7.663 | -0.006 | 94 | 389797 | 10.0 | 8.25 | |
| 82 Hexachlorobenzene | 284 | 7.710 | 7.716 | -0.006 | 95 | 503150 | 10.0 | 8.37 | |
| 83 Atrazine | 200 | 7.840 | 7.840 | 0.000 | 94 | 257938 | 5.00 | 7.66 | E |
| 84 Pentachlorophenol | 266 | 7.905 | 7.910 | -0.005 | 95 | 611705 | 20.0 | 20.1 | |
| 85 Pentachloronitrobenzene | 237 | 7.916 | 7.916 | 0.000 | 91 | 161548 | 10.0 | 11.2 | |
| 86 n-Octadecane | 57 | 8.028 | 8.028 | 0.000 | 90 | 673805 | 10.0 | 7.34 | |
| * 87 Phenanthrene-d10 | 188 | 8.069 | 8.069 | 0.000 | 98 | 1503243 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 Phenanthrene | 178 | 8.087 | 8.093 | -0.006 | 98 | 1688054 | 10.0 | 8.58 | |
| 89 Anthracene | 178 | 8.134 | 8.140 | -0.006 | 98 | 1718233 | 10.0 | 8.68 | |
| 90 Carbazole | 167 | 8.299 | 8.305 | -0.006 | 96 | 1530252 | 10.0 | 9.33 | |
| 91 Di-n-butyl phthalate | 149 | 8.669 | 8.669 | 0.000 | 99 | 1887654 | 10.0 | 10.3 | |
| 92 Fluoranthene | 202 | 9.210 | 9.216 | -0.006 | 97 | 1707899 | 10.0 | 10.0 | |
| 93 Benzidine | 184 | 9.357 | 9.363 | -0.006 | 99 | 275730 | 10.0 | 4.76 | |
| 94 Pyrene | 202 | 9.422 | 9.422 | 0.000 | 97 | 1744261 | 10.0 | 7.44 | |
| 95 Bisphenol-A | 213 | 9.516 | 9.522 | -0.006 | 98 | 276804 | 5.00 | 3.60 | |
| $ 96 Terphenyl-d14 | 244 | 9.599 | 9.604 | -0.005 | 98 | 861312 | 10.0 | 4.21 | |
| 97 Butyl benzyl phthalate | 149 | 10.087 | 10.087 | 0.000 | 96 | 701981 | 10.0 | 9.05 | |
| 99 Carbamazepine | 193 | 10.163 | 10.169 | -0.006 | 92 | 488016 | 10.0 | 8.32 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.593 | 10.593 | 0.000 | 99 | 546553 | 10.0 | 8.11 | |
| 101 Benzo[a]anthracene | 228 | 10.593 | 10.599 | -0.006 | 99 | 1580521 | 10.0 | 8.76 | |
| * 102 Chrysene-d12 | 240 | 10.604 | 10.604 | 0.000 | 99 | 1088393 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.628 | 10.634 | -0.006 | 98 | 1505788 | 10.0 | 8.83 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.698 | 10.704 | -0.006 | 85 | 991131 | 10.0 | 9.61 | |
| 105 Di-n-octyl phthalate | 149 | 11.463 | 11.457 | 0.000 | 96 | 1392497 | 10.0 | 8.49 | |
| 106 Benzo[b]fluoranthene | 252 | 11.845 | 11.851 | -0.006 | 98 | 1289657 | 10.0 | 8.34 | |
| 107 Benzo[k]fluoranthene | 252 | 11.881 | 11.887 | -0.006 | 99 | 1452207 | 10.0 | 9.00 | |
| 108 Benzo[a]pyrene | 252 | 12.257 | 12.263 | -0.006 | 97 | 1148968 | 10.0 | 8.70 | |
| * 109 Perylene-d12 | 264 | 12.334 | 12.334 | 0.000 | 99 | 1029823 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 13.745 | 13.751 | -0.006 | 98 | 1144523 | 10.0 | 8.94 | |
| 111 Dibenz(a,h)anthracene | 278 | 13.787 | 13.792 | -0.005 | 99 | 1161293 | 10.0 | 9.12 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.092 | 14.098 | -0.006 | 98 | 1049875 | 10.0 | 8.36 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

## Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 15-Aug-2025 04:46:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59952.d

Injection Date: 14-Aug-2025 17:42:54 Instrument ID: CBNAMS14 Operator ID:

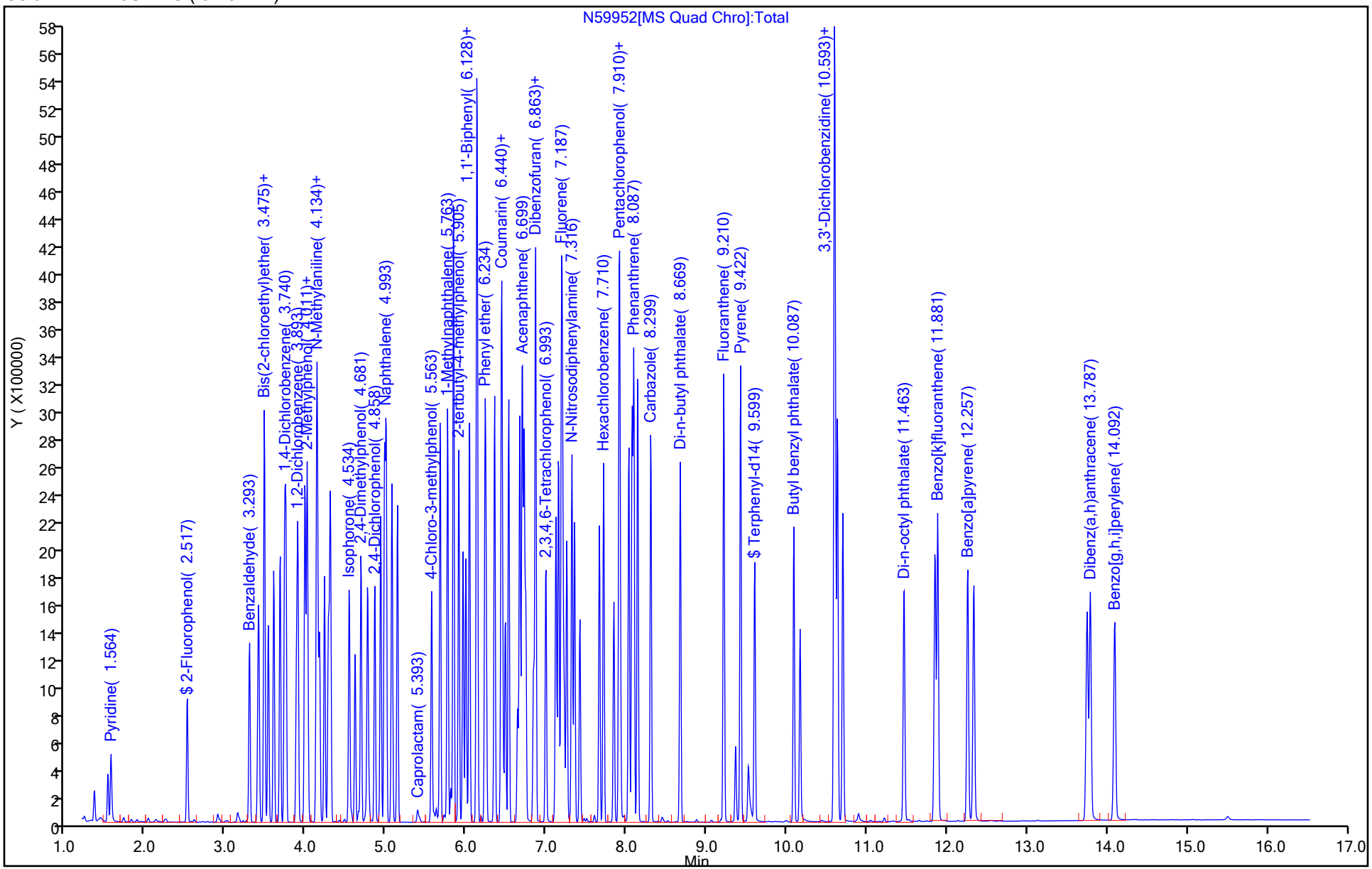
Lims ID: LCS 460-1055552/2-A Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59952.d
Lims ID: LCS 460-1055552/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-Aug-2025 17:42:54 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-004
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 04:46:01 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 04:46:39

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.59 | 45.86 |
| $ 6 Phenol-d5 | 10.0 | 3.27 | 32.74 |
| $ 27 Nitrobenzene-d5 | 10.0 | 7.67 | 76.67 |
| $ 51 2-Fluorobiphenyl | 10.0 | 7.31 | 73.10 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 7.67 | 76.70 |
| $ 96 Terphenyl-d14 | 10.0 | 4.21 | 42.14 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1055555/2-A

Matrix: Water | Lab File ID: P94270.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:07

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 18:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 68.4 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 66.0 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 68.8 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 69.7 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 71.2 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 73.4 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 73.0 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 65.3 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 71.2 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 70.4 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 69.9 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 72.2 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 68.1 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 69.7 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 65.6 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 69.8 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 72.9 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 75 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 76 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 49 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94270.D
Lims ID: LCS 460-1055555/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-Aug-2025 18:26:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-007
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:47:04 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 19:00:56

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.994 | 1.994 | 0.000 | 96 | 117374 | 10.0 | 3.72 | |
| | 2 N-Nitrosodimethylamine | 74 | 2.185 | 2.188 | -0.004 | 89 | 207098 | 10.0 | 4.18 | |
| | 3 Pyridine | 79 | 2.224 | 2.224 | 0.000 | 92 | 251731 | 20.0 | 3.20 | |
| $ | 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 94 | 372990 | 10.0 | 4.68 | |
| | 5 Benzaldehyde | 77 | 4.053 | 4.053 | 0.000 | 95 | 426580 | 5.00 | 6.08 | E |
| $ | 6 Phenol-d5 | 99 | 4.097 | 4.101 | -0.004 | 0 | 343653 | 10.0 | 3.36 | |
| | 7 Phenol | 94 | 4.110 | 4.112 | -0.004 | 99 | 369811 | 10.0 | 3.85 | |
| | 8 Aniline | 93 | 4.152 | 4.155 | -0.003 | 99 | 312119 | 10.0 | 2.52 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 4.212 | 4.216 | -0.004 | 96 | 614449 | 10.0 | 7.90 | |
| | 10 Benzonitrile | 103 | 4.231 | 4.238 | -0.007 | 99 | 1270609 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 4.267 | 4.267 | 0.000 | 95 | 551766 | 10.0 | 7.39 | |
| | 12 n-Decane | 43 | 4.315 | 4.315 | 0.000 | 89 | 587849 | 10.0 | 6.84 | |
| | 13 1,3-Dichlorobenzene | 146 | 4.414 | 4.417 | -0.003 | 94 | 621552 | 10.0 | 7.78 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 4.468 | 4.469 | -0.001 | 97 | 417028 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 4.484 | 4.485 | -0.001 | 93 | 634324 | 10.0 | 7.69 | |
| | 17 Benzyl alcohol | 108 | 4.589 | 4.592 | -0.004 | 92 | 275547 | 10.0 | 6.29 | |
| | 18 1,2-Dichlorobenzene | 146 | 4.628 | 4.627 | 0.000 | 94 | 604748 | 10.0 | 7.58 | |
| | 20 2-Methylphenol | 108 | 4.691 | 4.691 | -0.001 | 87 | 446231 | 10.0 | 6.46 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.723 | 4.723 | -0.001 | 93 | 809740 | 10.0 | 7.73 | |
| | 22 N-Methylaniline | 106 | 4.838 | 4.842 | -0.004 | 85 | 454818 | 10.0 | 3.73 | a |
| | 26 4-Methylphenol | 108 | 4.842 | 4.844 | -0.004 | 87 | 473458 | 10.0 | 6.09 | |
| | 25 3 & 4 Methylphenol | 108 | 4.842 | 4.844 | -0.004 | 0 | 473458 | 10.0 | 6.05 | |
| | 23 Acetophenone | 105 | 4.848 | 4.852 | -0.004 | 92 | 887911 | 10.0 | 7.91 | |
| | 24 N-Nitrosodi-n-propylamine | 70 | 4.851 | 4.851 | -0.001 | 90 | 494149 | 10.0 | 8.49 | |
| | 27 Hexachloroethane | 117 | 4.950 | 4.950 | -0.001 | 94 | 241734 | 10.0 | 7.76 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.992 | 4.993 | -0.001 | 88 | 715454 | 10.0 | 7.65 | |
| | 29 Nitrobenzene | 123 | 5.011 | 5.015 | -0.004 | 94 | 311452 | 10.0 | 8.09 | |
| | 30 n,n'-Dimethylaniline | 120 | 5.014 | 5.015 | -0.001 | 94 | 536772 | 10.0 | 4.46 | |
| | 31 Isophorone | 82 | 5.238 | 5.242 | -0.004 | 100 | 1200518 | 10.0 | 8.14 | |
| | 32 2-Nitrophenol | 139 | 5.311 | 5.312 | -0.001 | 88 | 329027 | 10.0 | 8.62 | |
| | 33 2,4-Dimethylphenol | 122 | 5.350 | 5.351 | -0.001 | 90 | 498155 | 10.0 | 8.07 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 5.445 | 5.443 | -0.001 | 99 | 760395 | 10.0 | 8.54 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 5.423 | 5.450 | -0.030 | 87 | 151445 | 10.0 | 3.95 | |
| 36 2,4-Dichlorophenol | 162 | 5.538 | 5.539 | -0.004 | 94 | 436690 | 10.0 | 8.37 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.624 | 5.622 | -0.001 | 94 | 482488 | 10.0 | 8.46 | |
| * 38 Naphthalene-d8 | 136 | 5.679 | 5.680 | -0.001 | 100 | 1634163 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.698 | 5.699 | -0.001 | 99 | 1808694 | 10.0 | 8.20 | |
| 40 4-Chloroaniline | 127 | 5.749 | 5.750 | -0.001 | 96 | 351615 | 10.0 | 4.11 | |
| 41 2,6-Dichlorophenol | 162 | 5.755 | 5.753 | -0.002 | 95 | 445625 | 10.0 | 8.60 | |
| 42 Hexachlorobutadiene | 225 | 5.819 | 5.814 | 0.002 | 93 | 260434 | 10.0 | 8.89 | |
| 44 Caprolactam | 55 | 6.078 | 6.079 | -0.001 | 92 | 41154 | 5.00 | 1.36 | |
| 45 4-Chloro-3-methylphenol | 107 | 6.206 | 6.210 | -0.004 | 97 | 479091 | 10.0 | 8.41 | |
| 46 2-Methylnaphthalene | 142 | 6.359 | 6.357 | 0.002 | 84 | 1110397 | 10.0 | 8.55 | |
| 47 1-Methylnaphthalene | 142 | 6.452 | 6.453 | -0.001 | 93 | 1121227 | 10.0 | 8.46 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.510 | 6.508 | -0.001 | 95 | 356459 | 10.0 | 8.18 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.519 | 6.517 | 0.002 | 95 | 468379 | 10.0 | 8.62 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.548 | 6.549 | -0.001 | 90 | 783006 | 10.0 | 9.45 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.622 | 6.620 | -0.001 | 86 | 316335 | 10.0 | 8.46 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.654 | 6.652 | -0.001 | 94 | 337817 | 10.0 | 8.56 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.708 | 6.709 | -0.001 | 97 | 1212807 | 10.0 | 7.51 | |
| 54 1,1'-Biphenyl | 154 | 6.804 | 6.802 | 0.002 | 96 | 1449951 | 10.0 | 8.47 | |
| 55 2-Chloronaphthalene | 162 | 6.820 | 6.821 | -0.001 | 97 | 1054344 | 10.0 | 8.31 | |
| 56 Phenyl ether | 170 | 6.903 | 6.905 | -0.001 | 91 | 742597 | 10.0 | 8.60 | |
| 57 2-Nitroaniline | 65 | 6.916 | 6.914 | 0.002 | 97 | 439076 | 10.0 | 7.94 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.028 | 7.029 | -0.001 | 90 | 846564 | 10.0 | 9.15 | |
| 59 Dimethyl phthalate | 163 | 7.098 | 7.100 | -0.002 | 98 | 1199334 | 10.0 | 8.66 | |
| 60 Coumarin | 146 | 7.114 | 7.112 | 0.002 | 76 | 398702 | 10.0 | 9.04 | |
| 61 2,6-Dinitrotoluene | 165 | 7.149 | 7.148 | -0.002 | 93 | 270261 | 10.0 | 8.82 | |
| 62 Acenaphthylene | 152 | 7.213 | 7.212 | 0.001 | 97 | 1817323 | 10.0 | 8.61 | |
| 63 3-Nitroaniline | 138 | 7.303 | 7.304 | -0.001 | 94 | 186669 | 10.0 | 5.30 | |
| * 64 Acenaphthene-d10 | 164 | 7.347 | 7.346 | 0.001 | 95 | 824598 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.373 | 7.371 | 0.002 | 97 | 890258 | 10.0 | 8.74 | |
| 65 Acenaphthene | 154 | 7.379 | 7.378 | 0.001 | 96 | 1007783 | 10.0 | 8.25 | |
| 67 2,4-Dinitrophenol | 184 | 7.405 | 7.398 | 0.001 | 92 | 325184 | 20.0 | 16.5 | a |
| 68 4-Nitrophenol | 65 | 7.456 | 7.461 | -0.005 | 93 | 256557 | 20.0 | 8.71 | |
| 69 2,4-Dinitrotoluene | 165 | 7.527 | 7.528 | -0.001 | 93 | 364730 | 10.0 | 9.25 | |
| 70 Dibenzofuran | 168 | 7.543 | 7.541 | 0.002 | 95 | 1467395 | 10.0 | 8.34 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.654 | 7.650 | 0.001 | 90 | 255224 | 10.0 | 8.60 | |
| 72 Diethyl phthalate | 149 | 7.770 | 7.771 | -0.001 | 97 | 1226853 | 10.0 | 8.51 | |
| 87 n-Octadecane | 57 | 7.792 | 7.794 | -0.002 | 94 | 886050 | 10.0 | 8.27 | |
| 73 Fluorene | 166 | 7.865 | 7.867 | -0.002 | 94 | 1224115 | 10.0 | 8.52 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.869 | 7.871 | -0.002 | 82 | 521612 | 10.0 | 8.60 | |
| 75 4-Nitroaniline | 138 | 7.885 | 7.883 | -0.002 | 93 | 263445 | 10.0 | 7.88 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.917 | 7.915 | 0.002 | 77 | 414843 | 20.0 | 18.9 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.981 | 7.983 | -0.002 | 85 | 840760 | 10.0 | 8.70 | |
| 131 Azobenzene | 77 | 8.019 | 8.021 | -0.002 | 99 | 1400263 | 10.0 | 8.52 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.019 | 8.021 | -0.002 | 51 | 1400497 | 10.0 | 8.81 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.089 | 8.091 | -0.002 | 95 | 173725 | 10.0 | 7.75 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.332 | 8.329 | 0.001 | 83 | 298216 | 10.0 | 8.99 | |
| 82 Hexachlorobenzene | 284 | 8.387 | 8.383 | 0.002 | 98 | 338164 | 10.0 | 9.49 | |
| 83 Atrazine | 200 | 8.492 | 8.489 | 0.001 | 90 | 234632 | 5.00 | 7.41 | E |
| 84 Pentachlorophenol | 266 | 8.569 | 8.569 | -0.002 | 92 | 452514 | 20.0 | 18.9 | |
| 85 Pentachloronitrobenzene | 237 | 8.585 | 8.585 | -0.002 | 86 | 118943 | 10.0 | 11.0 | |
| * 88 Phenanthrene-d10 | 188 | 8.751 | 8.750 | 0.001 | 99 | 1326860 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 8.774 | 8.776 | -0.002 | 98 | 1601876 | 10.0 | 8.72 | |
| 90 Anthracene | 178 | 8.825 | 8.824 | 0.001 | 98 | 1642733 | 10.0 | 8.71 | |
| 91 Carbazole | 167 | 8.975 | 8.974 | 0.001 | 96 | 1485386 | 10.0 | 8.93 | |
| 92 Di-n-butyl phthalate | 149 | 9.320 | 9.319 | 0.001 | 99 | 1944564 | 10.0 | 10.1 | |
| 93 Fluoranthene | 202 | 9.901 | 9.901 | 0.000 | 97 | 1503976 | 10.0 | 9.02 | |
| 94 Benzidine | 184 | 10.026 | 10.024 | -0.002 | 99 | 209955 | 10.0 | 2.48 | |
| 95 Pyrene | 202 | 10.112 | 10.115 | -0.003 | 96 | 1557002 | 10.0 | 9.11 | |
| 96 Bisphenol-A | 213 | 10.170 | 10.162 | 0.004 | 97 | 249971 | 5.00 | 4.91 | |
| $ 97 Terphenyl-d14 | 244 | 10.273 | 10.275 | -0.002 | 98 | 682275 | 10.0 | 4.91 | |
| 98 Butyl benzyl phthalate | 149 | 10.787 | 10.787 | 0.000 | 97 | 697349 | 10.0 | 10.1 | |
| 100 Carbamazepine | 193 | 10.886 | 10.886 | 0.000 | 92 | 431505 | 10.0 | 8.70 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.365 | 11.365 | 0.000 | 99 | 386163 | 10.0 | 8.35 | |
| 102 Benzo[a]anthracene | 228 | 11.388 | 11.387 | 0.001 | 100 | 1167582 | 10.0 | 8.90 | |
| * 103 Chrysene-d12 | 240 | 11.397 | 11.397 | 0.000 | 99 | 790310 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.429 | 11.429 | 0.000 | 98 | 1094658 | 10.0 | 8.80 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.465 | 11.464 | 0.001 | 88 | 921161 | 10.0 | 8.40 | |
| 106 Di-n-octyl phthalate | 149 | 12.321 | 12.314 | 0.000 | 97 | 1360256 | 10.0 | 8.53 | |
| 107 Benzo[b]fluoranthene | 252 | 12.774 | 12.778 | -0.004 | 98 | 980974 | 10.0 | 9.12 | |
| 108 Benzo[k]fluoranthene | 252 | 12.816 | 12.816 | 0.000 | 99 | 1003565 | 10.0 | 8.90 | |
| 109 Benzo[a]pyrene | 252 | 13.231 | 13.231 | 0.000 | 95 | 906992 | 10.0 | 9.18 | |
| * 110 Perylene-d12 | 264 | 13.311 | 13.311 | 0.000 | 98 | 731727 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.898 | 14.899 | -0.001 | 98 | 794435 | 10.0 | 8.71 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.946 | 14.947 | -0.001 | 97 | 803971 | 10.0 | 8.74 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.339 | 15.339 | -0.005 | 96 | 735073 | 10.0 | 8.16 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 15-Aug-2025 03:47:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94270.D

Injection Date: 14-Aug-2025 18:26:30 Instrument ID: CBNAMS18 Operator ID:

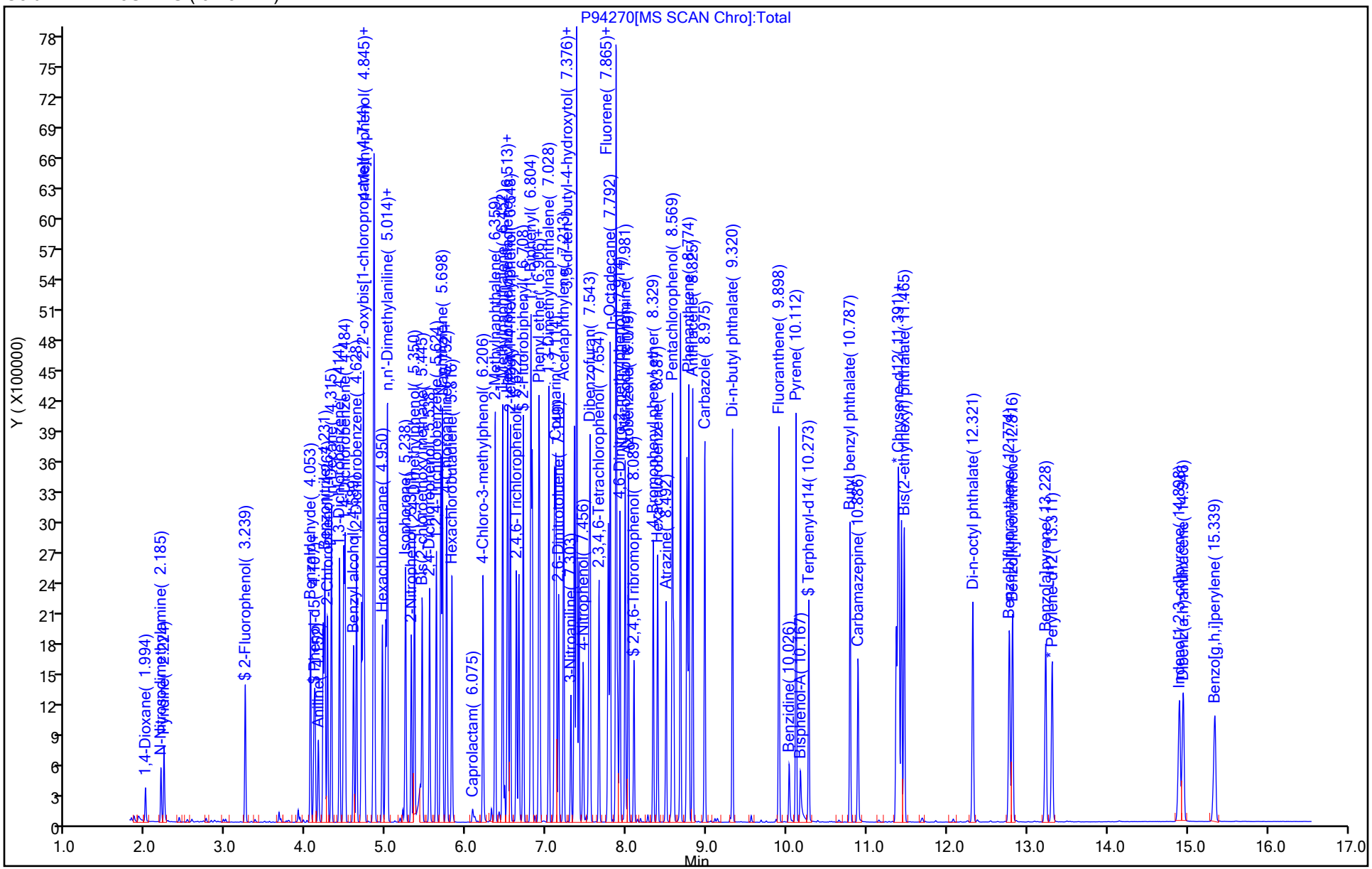
Lims ID: LCS 460-1055555/2-A Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94270.D
Lims ID: LCS 460-1055555/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-Aug-2025 18:26:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-007
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:47:04 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 19:00:56

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.68 | 46.84 |
| $ 6 Phenol-d5 | 10.0 | 3.36 | 33.61 |
| $ 28 Nitrobenzene-d5 | 10.0 | 7.65 | 76.50 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.51 | 75.10 |
| $ 79 2,4,6-Tribromophenol | 10.0 | 7.75 | 77.48 |
| $ 97 Terphenyl-d14 | 10.0 | 4.91 | 49.08 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1055552/3-A

Matrix: Water | Lab File ID: N59953.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/14/2025 10:57

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 18:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055605 | Units: ug/L

Preparation Batch No.: 1055552 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 73.1 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 65.7 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 67.5 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 70.4 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 70.8 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 72.0 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 72.6 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 65.7 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 70.6 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 68.4 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 70.6 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 80.5 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 70.4 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 68.9 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 65.4 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 69.8 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 59.5 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 72 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 76 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 40 | | 10-133 |

Report Date: 15-Aug-2025 04:47:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59953.d
Lims ID: LCSD 460-1055552/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-Aug-2025 18:09:51 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-005
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 04:46:01 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 18:37:39

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.358 | 1.340 | 0.018 | 93 | 115530 | 10.0 | 3.61 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.528 | 1.517 | 0.011 | 89 | 187829 | 10.0 | 4.05 | |
| | 3 Pyridine | 79 | 1.564 | 1.546 | 0.018 | 94 | 250452 | 20.0 | 3.37 | |
| $ | 4 2-Fluorophenol | 112 | 2.516 | 2.511 | 0.005 | 96 | 357877 | 10.0 | 4.62 | |
| | 5 Benzaldehyde | 77 | 3.293 | 3.287 | 0.006 | 95 | 368937 | 5.00 | 6.32 | E |
| $ | 6 Phenol-d5 | 99 | 3.399 | 3.399 | 0.000 | 96 | 310205 | 10.0 | 3.32 | |
| | 8 Aniline | 93 | 3.405 | 3.405 | 0.000 | 96 | 295566 | 10.0 | 2.83 | |
| | 7 Phenol | 94 | 3.411 | 3.411 | 0.000 | 97 | 349106 | 10.0 | 3.65 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.475 | 3.475 | 0.000 | 97 | 583391 | 10.0 | 7.97 | |
| | 10 Benzonitrile | 103 | 3.481 | 3.481 | 0.000 | 99 | 1164099 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.528 | 3.528 | 0.000 | 97 | 552524 | 10.0 | 7.28 | |
| | 12 n-Decane | 43 | 3.593 | 3.593 | 0.000 | 89 | 499402 | 10.0 | 7.12 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.675 | 3.675 | 0.000 | 96 | 679102 | 10.0 | 7.71 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.728 | 3.728 | 0.000 | 96 | 456144 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.746 | 3.746 | 0.000 | 96 | 699172 | 10.0 | 7.45 | |
| | 16 Benzyl alcohol | 108 | 3.881 | 3.881 | 0.000 | 93 | 265095 | 10.0 | 6.67 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.893 | 3.893 | 0.000 | 97 | 663802 | 10.0 | 7.91 | |
| | 18 2-Methylphenol | 108 | 4.011 | 4.011 | 0.000 | 89 | 433708 | 10.0 | 6.45 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.016 | 4.017 | 0.000 | 93 | 702536 | 10.0 | 8.01 | |
| | 20 N-Methylaniline | 106 | 4.128 | 4.128 | 0.000 | 95 | 426264 | 10.0 | 3.99 | |
| | 21 Acetophenone | 105 | 4.134 | 4.134 | 0.000 | 94 | 854326 | 10.0 | 8.35 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.146 | 4.146 | 0.000 | 87 | 427394 | 10.0 | 8.43 | |
| | 23 3 & 4 Methylphenol | 108 | 4.163 | 4.169 | -0.006 | 68 | 427516 | 10.0 | 6.16 | |
| | 24 4-Methylphenol | 108 | 4.163 | 4.169 | -0.006 | 97 | 427516 | 10.0 | 6.16 | |
| | 25 Hexachloroethane | 117 | 4.228 | 4.228 | 0.000 | 93 | 277641 | 10.0 | 7.85 | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.275 | 4.275 | 0.000 | 88 | 649681 | 10.0 | 7.65 | |
| | 28 Nitrobenzene | 123 | 4.293 | 4.299 | -0.006 | 97 | 314448 | 10.0 | 8.41 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.305 | 4.305 | 0.000 | 95 | 520709 | 10.0 | 4.65 | |
| | 30 Isophorone | 82 | 4.534 | 4.534 | 0.000 | 99 | 1049524 | 10.0 | 7.83 | |
| | 32 2-Nitrophenol | 139 | 4.610 | 4.611 | -0.001 | 93 | 330132 | 10.0 | 8.60 | |
| | 33 2,4-Dimethylphenol | 122 | 4.681 | 4.687 | -0.006 | 91 | 494150 | 10.0 | 7.86 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 4.763 | 4.764 | -0.001 | 99 | 726302 | 10.0 | 8.30 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.781 | 4.805 | -0.024 | 90 | 141829 | 10.0 | 4.11 | |
| 36 2,4-Dichlorophenol | 162 | 4.858 | 4.858 | 0.000 | 96 | 509504 | 10.0 | 8.35 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.928 | 4.928 | 0.000 | 95 | 581246 | 10.0 | 8.16 | |
| * 38 Naphthalene-d8 | 136 | 4.975 | 4.975 | 0.000 | 99 | 1661003 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.999 | 4.999 | 0.000 | 99 | 1808340 | 10.0 | 8.18 | |
| 40 4-Chloroaniline | 127 | 5.063 | 5.069 | -0.006 | 98 | 372068 | 10.0 | 4.63 | |
| 130 2,6-Dichlorophenol | 162 | 5.075 | 5.075 | 0.000 | 98 | 517112 | 10.0 | 8.69 | |
| 41 Hexachlorobutadiene | 225 | 5.140 | 5.140 | 0.000 | 96 | 365230 | 10.0 | 8.42 | |
| 42 Caprolactam | 55 | 5.393 | 5.393 | 0.000 | 93 | 32594 | 5.00 | 1.43 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.563 | 5.569 | -0.006 | 96 | 455084 | 10.0 | 8.07 | |
| 44 2-Methylnaphthalene | 142 | 5.675 | 5.675 | 0.000 | 84 | 1141834 | 10.0 | 9.13 | |
| 45 1-Methylnaphthalene | 142 | 5.763 | 5.763 | 0.000 | 92 | 1153412 | 10.0 | 8.93 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.840 | 5.840 | 0.000 | 87 | 500225 | 10.0 | 8.14 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.840 | 5.840 | 0.000 | 96 | 649635 | 10.0 | 8.26 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.905 | 5.905 | 0.000 | 91 | 776987 | 10.0 | 9.11 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.957 | 5.958 | -0.001 | 91 | 394731 | 10.0 | 8.29 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.993 | 5.993 | 0.000 | 97 | 428967 | 10.0 | 8.40 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.040 | 6.040 | 0.000 | 97 | 1308429 | 10.0 | 7.24 | |
| 52 1,1'-Biphenyl | 154 | 6.128 | 6.128 | 0.000 | 96 | 1528117 | 10.0 | 8.40 | |
| 53 2-Chloronaphthalene | 162 | 6.134 | 6.134 | 0.000 | 98 | 1200256 | 10.0 | 8.40 | |
| 54 Phenyl ether | 170 | 6.234 | 6.234 | 0.000 | 87 | 805647 | 10.0 | 8.20 | |
| 55 2-Nitroaniline | 65 | 6.246 | 6.246 | 0.000 | 98 | 378375 | 10.0 | 8.39 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.352 | 6.352 | 0.000 | 91 | 897288 | 10.0 | 9.04 | |
| 60 Coumarin | 146 | 6.434 | 6.434 | 0.000 | 81 | 436835 | 10.0 | 10.1 | |
| 59 Dimethyl phthalate | 163 | 6.440 | 6.440 | 0.000 | 97 | 1308363 | 10.0 | 8.98 | |
| 61 2,6-Dinitrotoluene | 165 | 6.487 | 6.487 | 0.000 | 96 | 285374 | 10.0 | 9.05 | |
| 62 Acenaphthylene | 152 | 6.528 | 6.528 | 0.000 | 97 | 1861870 | 10.0 | 8.44 | |
| 63 3-Nitroaniline | 138 | 6.640 | 6.634 | 0.000 | 98 | 197334 | 10.0 | 5.97 | |
| * 64 Acenaphthene-d10 | 164 | 6.663 | 6.669 | -0.006 | 94 | 921169 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.699 | 6.699 | 0.000 | 95 | 1074890 | 10.0 | 8.21 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.722 | 6.722 | 0.000 | 97 | 1021756 | 10.0 | 8.22 | |
| 67 2,4-Dinitrophenol | 184 | 6.740 | 6.740 | 0.000 | 96 | 346114 | 20.0 | 22.6 | |
| 68 4-Nitrophenol | 65 | 6.840 | 6.834 | 0.000 | 92 | 248142 | 20.0 | 12.4 | |
| 70 Dibenzofuran | 168 | 6.863 | 6.863 | 0.000 | 99 | 1644342 | 10.0 | 8.62 | |
| 69 2,4-Dinitrotoluene | 165 | 6.863 | 6.864 | 0.000 | 94 | 414062 | 10.0 | 11.0 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.993 | 6.993 | 0.000 | 95 | 344590 | 10.0 | 9.40 | |
| 73 Diethyl phthalate | 149 | 7.116 | 7.116 | 0.000 | 99 | 1298834 | 10.0 | 9.09 | |
| 75 Fluorene | 166 | 7.187 | 7.187 | 0.000 | 95 | 1320878 | 10.0 | 8.79 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.199 | 7.199 | 0.000 | 94 | 652249 | 10.0 | 8.89 | |
| 76 4-Nitroaniline | 138 | 7.222 | 7.222 | 0.000 | 83 | 285712 | 10.0 | 9.67 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.257 | 7.252 | 0.005 | 89 | 467457 | 20.0 | 20.2 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.316 | 7.316 | 0.000 | 95 | 932153 | 10.0 | 8.41 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.352 | 7.352 | 0.000 | 94 | 1236015 | 10.0 | 7.56 | |
| 131 Azobenzene | 77 | 7.352 | 7.352 | 0.000 | 0 | 1237970 | 10.0 | 7.49 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.416 | 7.416 | 0.000 | 91 | 301130 | 10.0 | 7.91 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.663 | 7.663 | 0.000 | 94 | 421002 | 10.0 | 8.38 | |
| 82 Hexachlorobenzene | 284 | 7.716 | 7.716 | 0.000 | 95 | 536553 | 10.0 | 8.40 | |
| 83 Atrazine | 200 | 7.840 | 7.840 | 0.000 | 95 | 287737 | 5.00 | 8.04 | E |
| 84 Pentachlorophenol | 266 | 7.910 | 7.910 | 0.000 | 95 | 669410 | 20.0 | 20.7 | |
| 85 Pentachloronitrobenzene | 237 | 7.916 | 7.916 | 0.000 | 90 | 173071 | 10.0 | 11.3 | |
| 86 n-Octadecane | 57 | 8.028 | 8.028 | 0.000 | 90 | 711080 | 10.0 | 7.29 | |
| * 87 Phenanthrene-d10 | 188 | 8.069 | 8.069 | 0.000 | 98 | 1597641 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 Phenanthrene | 178 | 8.093 | 8.093 | 0.000 | 98 | 1825822 | 10.0 | 8.73 | |
| 89 Anthracene | 178 | 8.140 | 8.140 | 0.000 | 98 | 1851825 | 10.0 | 8.81 | |
| 90 Carbazole | 167 | 8.304 | 8.305 | -0.001 | 96 | 1682416 | 10.0 | 9.65 | |
| 91 Di-n-butyl phthalate | 149 | 8.669 | 8.669 | 0.000 | 99 | 2042563 | 10.0 | 10.5 | |
| 92 Fluoranthene | 202 | 9.216 | 9.216 | 0.000 | 97 | 1826457 | 10.0 | 10.1 | |
| 93 Benzidine | 184 | 9.363 | 9.363 | 0.000 | 99 | 300778 | 10.0 | 4.88 | |
| 94 Pyrene | 202 | 9.422 | 9.422 | 0.000 | 97 | 1896693 | 10.0 | 7.44 | |
| 95 Bisphenol-A | 213 | 9.522 | 9.522 | 0.000 | 99 | 310574 | 5.00 | 3.71 | |
| $ 96 Terphenyl-d14 | 244 | 9.598 | 9.604 | -0.006 | 98 | 895935 | 10.0 | 4.03 | |
| 97 Butyl benzyl phthalate | 149 | 10.087 | 10.087 | 0.000 | 96 | 792838 | 10.0 | 9.39 | |
| 99 Carbamazepine | 193 | 10.169 | 10.169 | 0.000 | 92 | 539242 | 10.0 | 8.44 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.593 | 10.593 | -0.001 | 99 | 597274 | 10.0 | 8.14 | |
| 101 Benzo[a]anthracene | 228 | 10.598 | 10.599 | -0.001 | 99 | 1738417 | 10.0 | 8.85 | |
| * 102 Chrysene-d12 | 240 | 10.604 | 10.604 | 0.000 | 99 | 1183790 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.634 | 10.634 | 0.000 | 98 | 1583858 | 10.0 | 8.54 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.698 | 10.704 | -0.006 | 87 | 1082646 | 10.0 | 9.65 | |
| 105 Di-n-octyl phthalate | 149 | 11.463 | 11.457 | 0.000 | 96 | 1533984 | 10.0 | 9.05 | |
| 106 Benzo[b]fluoranthene | 252 | 11.851 | 11.851 | 0.000 | 98 | 1449999 | 10.0 | 9.08 | |
| 107 Benzo[k]fluoranthene | 252 | 11.887 | 11.887 | 0.000 | 99 | 1470759 | 10.0 | 8.83 | |
| 108 Benzo[a]pyrene | 252 | 12.257 | 12.263 | -0.006 | 97 | 1226957 | 10.0 | 9.00 | |
| * 109 Perylene-d12 | 264 | 12.334 | 12.334 | 0.000 | 99 | 1063249 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 13.745 | 13.751 | -0.006 | 99 | 1138767 | 10.0 | 8.61 | |
| 111 Dibenz(a,h)anthracene | 278 | 13.792 | 13.792 | 0.000 | 99 | 1159465 | 10.0 | 8.82 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.092 | 14.098 | -0.006 | 98 | 1064960 | 10.0 | 8.22 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

## Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

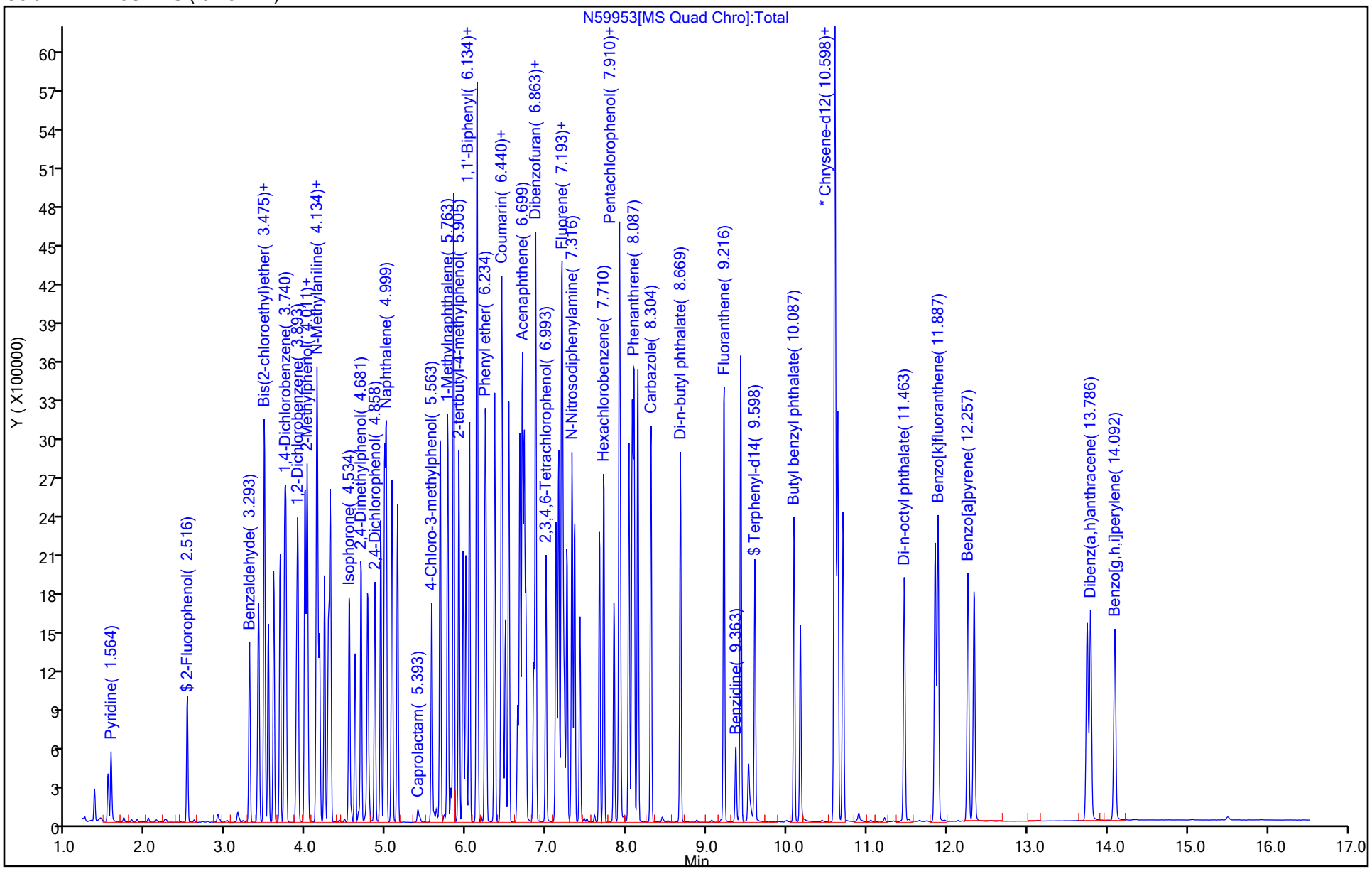
Report Date: 15-Aug-2025 04:47:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59953.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 14-Aug-2025 18:09:51 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | LCSD 460-1055552/3-A | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59953.d
Lims ID: LCSD 460-1055552/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-Aug-2025 18:09:51 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-005
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 04:46:01 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 18:37:39

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.62 | 46.16 |
| $ 6 Phenol-d5 | 10.0 | 3.32 | 33.17 |
| $ 27 Nitrobenzene-d5 | 10.0 | 7.65 | 76.47 |
| $ 51 2-Fluorobiphenyl | 10.0 | 7.24 | 72.35 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 7.91 | 79.06 |
| $ 96 Terphenyl-d14 | 10.0 | 4.03 | 40.30 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1055555/3-A

Matrix: Water | Lab File ID: P94271.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/14/2025 11:07

Sample wt/vol: 250(mL) | Date Analyzed: 08/14/2025 18:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055613 | Units: ug/L

Preparation Batch No.: 1055555 | Instrument ID: CBNAMS18

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 68.5 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 67.0 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 69.4 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 69.5 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 72.0 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 72.4 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 71.9 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 64.7 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 70.8 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 71.3 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 70.3 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 71.5 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 66.9 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 70.0 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 65.7 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 69.3 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 72.1 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 75 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 76 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 49 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94271.D
Lims ID: LCSD 460-1055555/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-Aug-2025 18:48:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-008
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:47:04 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 19:10:39

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.994 | 1.994 | 0.000 | 97 | 110746 | 10.0 | 3.63 | |
| | 2 N-Nitrosodimethylamine | 74 | 2.185 | 2.188 | -0.004 | 86 | 198722 | 10.0 | 4.14 | |
| | 3 Pyridine | 79 | 2.224 | 2.224 | 0.000 | 91 | 251555 | 20.0 | 3.31 | |
| $ | 4 2-Fluorophenol | 112 | 3.239 | 3.239 | 0.000 | 94 | 372424 | 10.0 | 4.84 | |
| | 5 Benzaldehyde | 77 | 4.053 | 4.053 | 0.000 | 96 | 423509 | 5.00 | 6.24 | E |
| $ | 6 Phenol-d5 | 99 | 4.097 | 4.101 | -0.004 | 0 | 342421 | 10.0 | 3.46 | |
| | 7 Phenol | 94 | 4.110 | 4.112 | -0.004 | 99 | 363583 | 10.0 | 3.91 | |
| | 8 Aniline | 93 | 4.152 | 4.155 | -0.003 | 100 | 315863 | 10.0 | 2.64 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 4.212 | 4.216 | -0.004 | 96 | 602828 | 10.0 | 8.01 | |
| | 10 Benzonitrile | 103 | 4.232 | 4.238 | -0.006 | 98 | 1283843 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 4.267 | 4.267 | 0.000 | 95 | 551916 | 10.0 | 7.64 | |
| | 12 n-Decane | 43 | 4.315 | 4.315 | 0.000 | 89 | 584666 | 10.0 | 7.04 | |
| | 13 1,3-Dichlorobenzene | 146 | 4.414 | 4.417 | -0.003 | 93 | 609700 | 10.0 | 7.89 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 4.468 | 4.469 | -0.001 | 97 | 403277 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 4.484 | 4.485 | -0.001 | 93 | 626697 | 10.0 | 7.86 | |
| | 17 Benzyl alcohol | 108 | 4.589 | 4.592 | -0.004 | 91 | 269733 | 10.0 | 6.36 | |
| | 18 1,2-Dichlorobenzene | 146 | 4.628 | 4.627 | 0.000 | 94 | 601721 | 10.0 | 7.80 | |
| | 20 2-Methylphenol | 108 | 4.691 | 4.691 | -0.001 | 87 | 447533 | 10.0 | 6.70 | |
| | 21 2,2'-oxybis[1-chloropropane] | 45 | 4.724 | 4.723 | 0.000 | 93 | 801722 | 10.0 | 7.91 | |
| | 22 N-Methylaniline | 106 | 4.838 | 4.842 | -0.004 | 87 | 460130 | 10.0 | 3.90 | a |
| | 26 4-Methylphenol | 108 | 4.842 | 4.844 | -0.004 | 86 | 470668 | 10.0 | 6.26 | |
| | 25 3 & 4 Methylphenol | 108 | 4.842 | 4.844 | -0.004 | 0 | 470668 | 10.0 | 6.22 | |
| | 23 Acetophenone | 105 | 4.848 | 4.852 | -0.004 | 92 | 886130 | 10.0 | 8.16 | |
| | 24 N-Nitrosodi-n-propylamine | 70 | 4.851 | 4.851 | -0.001 | 89 | 492803 | 10.0 | 8.75 | |
| | 27 Hexachloroethane | 117 | 4.950 | 4.950 | -0.001 | 93 | 240053 | 10.0 | 7.96 | |
| $ | 28 Nitrobenzene-d5 | 82 | 4.992 | 4.993 | -0.001 | 88 | 709720 | 10.0 | 7.60 | |
| | 29 Nitrobenzene | 123 | 5.011 | 5.015 | -0.004 | 96 | 319724 | 10.0 | 8.59 | |
| | 30 n,n'-Dimethylaniline | 120 | 5.014 | 5.015 | -0.001 | 93 | 538187 | 10.0 | 4.63 | |
| | 31 Isophorone | 82 | 5.238 | 5.242 | -0.004 | 99 | 1205870 | 10.0 | 8.19 | |
| | 32 2-Nitrophenol | 139 | 5.311 | 5.312 | -0.001 | 88 | 322492 | 10.0 | 8.46 | |
| | 33 2,4-Dimethylphenol | 122 | 5.350 | 5.351 | -0.001 | 90 | 504677 | 10.0 | 8.19 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 5.446 | 5.443 | 0.000 | 99 | 755108 | 10.0 | 8.49 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 5.423 | 5.450 | -0.030 | 88 | 154373 | 10.0 | 4.02 | |
| 36 2,4-Dichlorophenol | 162 | 5.538 | 5.539 | -0.004 | 94 | 452402 | 10.0 | 8.69 | |
| 37 1,2,4-Trichlorobenzene | 180 | 5.624 | 5.622 | -0.001 | 94 | 479076 | 10.0 | 8.42 | |
| * 38 Naphthalene-d8 | 136 | 5.679 | 5.680 | -0.001 | 100 | 1631529 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 5.698 | 5.699 | -0.001 | 99 | 1809021 | 10.0 | 8.21 | |
| 40 4-Chloroaniline | 127 | 5.746 | 5.750 | -0.004 | 96 | 351165 | 10.0 | 4.11 | |
| 41 2,6-Dichlorophenol | 162 | 5.752 | 5.753 | -0.005 | 94 | 442859 | 10.0 | 8.56 | |
| 42 Hexachlorobutadiene | 225 | 5.816 | 5.814 | -0.001 | 92 | 256846 | 10.0 | 8.78 | |
| 44 Caprolactam | 55 | 6.075 | 6.079 | -0.004 | 91 | 42131 | 5.00 | 1.40 | |
| 45 4-Chloro-3-methylphenol | 107 | 6.206 | 6.210 | -0.004 | 97 | 475533 | 10.0 | 8.36 | |
| 46 2-Methylnaphthalene | 142 | 6.356 | 6.357 | -0.001 | 84 | 1109595 | 10.0 | 8.56 | |
| 47 1-Methylnaphthalene | 142 | 6.452 | 6.453 | -0.001 | 93 | 1121425 | 10.0 | 8.48 | |
| 48 Hexachlorocyclopentadiene | 237 | 6.510 | 6.508 | -0.001 | 96 | 352866 | 10.0 | 8.10 | |
| 49 1,2,4,5-Tetrachlorobenzene | 216 | 6.516 | 6.517 | -0.001 | 94 | 457222 | 10.0 | 8.42 | |
| 50 2-tertbutyl-4-methylphenol | 149 | 6.548 | 6.549 | -0.001 | 90 | 787511 | 10.0 | 9.52 | |
| 51 2,4,6-Trichlorophenol | 196 | 6.622 | 6.620 | -0.001 | 85 | 312144 | 10.0 | 8.36 | |
| 52 2,4,5-Trichlorophenol | 196 | 6.654 | 6.652 | -0.001 | 94 | 337877 | 10.0 | 8.56 | |
| $ 53 2-Fluorobiphenyl | 172 | 6.708 | 6.709 | -0.001 | 97 | 1207501 | 10.0 | 7.48 | |
| 54 1,1'-Biphenyl | 154 | 6.801 | 6.802 | -0.001 | 96 | 1449724 | 10.0 | 8.48 | |
| 55 2-Chloronaphthalene | 162 | 6.820 | 6.821 | -0.001 | 97 | 1058887 | 10.0 | 8.35 | |
| 56 Phenyl ether | 170 | 6.903 | 6.905 | -0.001 | 91 | 740094 | 10.0 | 8.58 | |
| 57 2-Nitroaniline | 65 | 6.913 | 6.914 | -0.001 | 96 | 438435 | 10.0 | 7.93 | |
| 58 1,3-Dimethylnaphthalene | 156 | 7.028 | 7.029 | -0.001 | 90 | 844207 | 10.0 | 9.13 | |
| 59 Dimethyl phthalate | 163 | 7.098 | 7.100 | -0.002 | 97 | 1185975 | 10.0 | 8.57 | |
| 60 Coumarin | 146 | 7.111 | 7.112 | -0.001 | 76 | 396372 | 10.0 | 9.00 | |
| 61 2,6-Dinitrotoluene | 165 | 7.149 | 7.148 | -0.002 | 93 | 271870 | 10.0 | 8.88 | |
| 62 Acenaphthylene | 152 | 7.213 | 7.212 | 0.001 | 97 | 1831682 | 10.0 | 8.68 | |
| 63 3-Nitroaniline | 138 | 7.303 | 7.304 | -0.001 | 93 | 187374 | 10.0 | 5.32 | |
| * 64 Acenaphthene-d10 | 164 | 7.344 | 7.346 | -0.002 | 95 | 824122 | 8.00 | 8.00 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 7.373 | 7.371 | 0.002 | 98 | 903286 | 10.0 | 8.87 | |
| 65 Acenaphthene | 154 | 7.376 | 7.378 | -0.002 | 96 | 1022317 | 10.0 | 8.37 | |
| 67 2,4-Dinitrophenol | 184 | 7.402 | 7.398 | -0.002 | 91 | 332614 | 20.0 | 16.9 | a |
| 68 4-Nitrophenol | 65 | 7.456 | 7.461 | -0.005 | 94 | 266722 | 20.0 | 9.06 | |
| 69 2,4-Dinitrotoluene | 165 | 7.527 | 7.528 | -0.001 | 92 | 367420 | 10.0 | 9.33 | |
| 70 Dibenzofuran | 168 | 7.539 | 7.541 | -0.002 | 97 | 1470423 | 10.0 | 8.36 | |
| 71 2,3,4,6-Tetrachlorophenol | 232 | 7.655 | 7.650 | 0.002 | 90 | 259163 | 10.0 | 8.74 | |
| 72 Diethyl phthalate | 149 | 7.770 | 7.771 | -0.001 | 97 | 1227491 | 10.0 | 8.52 | |
| 87 n-Octadecane | 57 | 7.792 | 7.794 | -0.002 | 95 | 882710 | 10.0 | 8.24 | |
| 73 Fluorene | 166 | 7.866 | 7.867 | -0.001 | 94 | 1201846 | 10.0 | 8.37 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.869 | 7.871 | -0.002 | 83 | 516096 | 10.0 | 8.52 | |
| 75 4-Nitroaniline | 138 | 7.885 | 7.883 | -0.002 | 94 | 263134 | 10.0 | 7.87 | |
| 76 4,6-Dinitro-2-methylphenol | 198 | 7.914 | 7.915 | -0.001 | 77 | 416843 | 20.0 | 19.0 | |
| 77 N-Nitrosodiphenylamine | 169 | 7.981 | 7.983 | -0.002 | 69 | 849259 | 10.0 | 8.79 | |
| 131 Azobenzene | 77 | 8.019 | 8.021 | -0.002 | 99 | 1393560 | 10.0 | 8.48 | |
| 78 1,2-Diphenylhydrazine | 77 | 8.019 | 8.021 | -0.002 | 51 | 1391894 | 10.0 | 8.76 | |
| $ 79 2,4,6-Tribromophenol | 330 | 8.090 | 8.091 | -0.001 | 95 | 174612 | 10.0 | 7.79 | |
| 80 4-Bromophenyl phenyl ether | 248 | 8.329 | 8.329 | -0.002 | 83 | 299591 | 10.0 | 9.03 | |
| 82 Hexachlorobenzene | 284 | 8.384 | 8.383 | -0.001 | 98 | 337342 | 10.0 | 9.47 | |
| 83 Atrazine | 200 | 8.489 | 8.489 | -0.002 | 89 | 233586 | 5.00 | 7.38 | E |
| 84 Pentachlorophenol | 266 | 8.569 | 8.569 | -0.002 | 93 | 444754 | 20.0 | 18.5 | |
| 85 Pentachloronitrobenzene | 237 | 8.585 | 8.585 | -0.002 | 85 | 117382 | 10.0 | 10.9 | |
| * 88 Phenanthrene-d10 | 188 | 8.752 | 8.750 | 0.002 | 99 | 1326434 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 8.774 | 8.776 | -0.002 | 98 | 1589488 | 10.0 | 8.66 | |
| 90 Anthracene | 178 | 8.822 | 8.824 | -0.002 | 98 | 1637654 | 10.0 | 8.69 | |
| 91 Carbazole | 167 | 8.972 | 8.974 | -0.002 | 96 | 1475074 | 10.0 | 8.87 | |
| 92 Di-n-butyl phthalate | 149 | 9.317 | 9.319 | -0.002 | 99 | 1960783 | 10.0 | 10.2 | |
| 93 Fluoranthene | 202 | 9.899 | 9.901 | -0.003 | 97 | 1490781 | 10.0 | 8.94 | |
| 94 Benzidine | 184 | 10.026 | 10.024 | -0.002 | 99 | 218917 | 10.0 | 2.58 | |
| 95 Pyrene | 202 | 10.113 | 10.115 | -0.002 | 96 | 1525605 | 10.0 | 9.01 | |
| 96 Bisphenol-A | 213 | 10.167 | 10.162 | 0.001 | 97 | 243371 | 5.00 | 4.84 | |
| $ 97 Terphenyl-d14 | 244 | 10.270 | 10.275 | -0.005 | 98 | 678984 | 10.0 | 4.93 | |
| 98 Butyl benzyl phthalate | 149 | 10.787 | 10.787 | 0.000 | 97 | 696229 | 10.0 | 10.1 | |
| 100 Carbamazepine | 193 | 10.886 | 10.886 | 0.000 | 92 | 436233 | 10.0 | 8.86 | |
| 101 3,3'-Dichlorobenzidine | 252 | 11.362 | 11.365 | -0.003 | 99 | 379932 | 10.0 | 8.29 | |
| 102 Benzo[a]anthracene | 228 | 11.385 | 11.387 | -0.002 | 100 | 1170028 | 10.0 | 9.00 | |
| * 103 Chrysene-d12 | 240 | 11.398 | 11.397 | 0.001 | 98 | 782877 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 11.427 | 11.429 | -0.003 | 98 | 1097165 | 10.0 | 8.91 | |
| 105 Bis(2-ethylhexyl) phthalate | 149 | 11.462 | 11.464 | -0.002 | 88 | 927594 | 10.0 | 8.53 | |
| 106 Di-n-octyl phthalate | 149 | 12.315 | 12.314 | -0.006 | 97 | 1368610 | 10.0 | 8.54 | |
| 107 Benzo[b]fluoranthene | 252 | 12.771 | 12.778 | -0.007 | 98 | 971750 | 10.0 | 8.98 | |
| 108 Benzo[k]fluoranthene | 252 | 12.813 | 12.816 | -0.003 | 99 | 1003368 | 10.0 | 8.85 | |
| 109 Benzo[a]pyrene | 252 | 13.225 | 13.231 | -0.006 | 96 | 899666 | 10.0 | 9.05 | |
| * 110 Perylene-d12 | 264 | 13.308 | 13.311 | -0.003 | 98 | 735911 | 8.00 | 8.00 | |
| 111 Indeno[1,2,3-cd]pyrene | 276 | 14.893 | 14.899 | -0.006 | 97 | 802439 | 10.0 | 8.75 | |
| 112 Dibenz(a,h)anthracene | 278 | 14.944 | 14.947 | -0.003 | 96 | 813119 | 10.0 | 8.79 | |
| 113 Benzo[g,h,i]perylene | 276 | 15.337 | 15.339 | -0.007 | 97 | 733119 | 10.0 | 8.09 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 15-Aug-2025 03:48:05 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94271.D

Injection Date: 14-Aug-2025 18:48:30 Instrument ID: CBNAMS18 Operator ID:

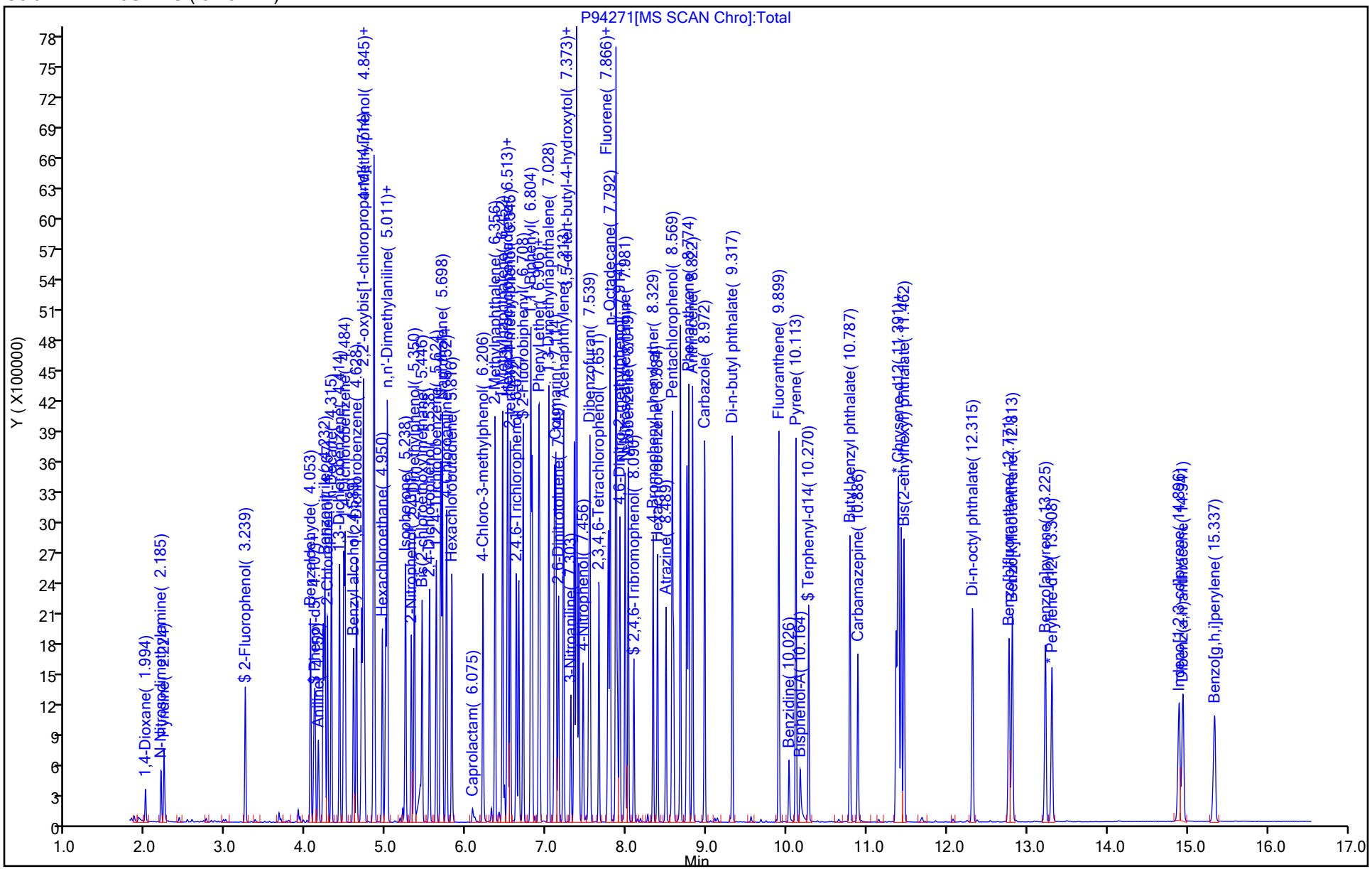
Lims ID: LCSD 460-1055555/3-A Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\P94271.D
Lims ID: LCSD 460-1055555/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-Aug-2025 18:48:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194928-008
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250814-194928.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 03:47:04 Calib Date: 11-Aug-2025 11:34:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250811-194755.b\P94226.D

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: U6BX Date: 14-Aug-2025 19:10:39

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.84 | 48.36 |
| $ 6 Phenol-d5 | 10.0 | 3.46 | 34.63 |
| $ 28 Nitrobenzene-d5 | 10.0 | 7.60 | 76.01 |
| $ 53 2-Fluorobiphenyl | 10.0 | 7.48 | 74.81 |
| $ 79 2,4,6-Tribromophenol | 10.0 | 7.79 | 77.92 |
| $ 97 Terphenyl-d14 | 10.0 | 4.93 | 49.31 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-05S2-R MS | Lab Sample ID: 460-332739-5 MS

Matrix: Water | Lab File ID: N59979.d

Analysis Method: 8270E | Date Collected: 08/12/2025 11:15

Extract. Method: 3510C | Date Extracted: 08/14/2025 10:58

Sample wt/vol: 250(mL) | Date Analyzed: 08/15/2025 03:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055605 | Units: ug/L

Preparation Batch No.: 1055552 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 47.7 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 42.2 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 45.0 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 45.6 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 45.3 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 45.9 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 43.6 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 41.0 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 47.5 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 46.5 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 43.7 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 51.1 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 46.0 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 43.1 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 43.4 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 46.1 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 41.2 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 71 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 75 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 33 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59979.d
Lims ID: 460-332739-E-5-B MS
Client ID: HHMW-05S2-R
Sample Type: MS
Inject. Date: 15-Aug-2025 03:43:46 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-031
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 05:14:50 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 05:14:50

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.352 | 1.340 | 0.012 | 94 | 74715 | 5.00 | 2.11 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.523 | 1.517 | 0.006 | 89 | 121923 | 5.00 | 2.39 | |
| | 3 Pyridine | 79 | 1.587 | 1.587 | 0.041 | 85 | 1546 | 10.0 | 0.0189 | 7a |
| $ | 4 2-Fluorophenol | 112 | 2.511 | 2.511 | 0.000 | 96 | 406168 | 10.0 | 4.76 | |
| | 5 Benzaldehyde | 77 | 3.293 | 3.287 | 0.006 | 95 | 521704 | 5.00 | 8.11 | E |
| $ | 6 Phenol-d5 | 99 | 3.393 | 3.399 | -0.006 | 96 | 326621 | 10.0 | 3.17 | |
| | 8 Aniline | 93 | 3.405 | 3.405 | 0.000 | 55 | 7644 | 5.00 | 0.0664 | 7a |
| | 7 Phenol | 94 | 3.405 | 3.410 | -0.006 | 99 | 234662 | 5.00 | 2.23 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.470 | 3.475 | -0.005 | 97 | 412883 | 5.00 | 5.12 | |
| | 10 Benzonitrile | 103 | 3.475 | 3.481 | -0.006 | 99 | 833225 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.522 | 3.528 | -0.006 | 97 | 420901 | 5.00 | 5.03 | |
| | 12 n-Decane | 43 | 3.593 | 3.593 | 0.000 | 89 | 354925 | 5.00 | 4.60 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.670 | 3.675 | -0.005 | 96 | 476550 | 5.00 | 4.92 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.728 | 3.728 | 0.000 | 96 | 502221 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.746 | 3.746 | 0.000 | 95 | 483272 | 5.00 | 4.67 | |
| | 16 Benzyl alcohol | 108 | 3.875 | 3.881 | -0.006 | 93 | 172040 | 5.00 | 3.93 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.893 | 3.893 | 0.000 | 98 | 472877 | 5.00 | 5.12 | |
| | 18 2-Methylphenol | 108 | 4.005 | 4.011 | -0.006 | 89 | 327309 | 5.00 | 4.42 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.011 | 4.017 | -0.005 | 93 | 515520 | 5.00 | 5.34 | |
| | 20 N-Methylaniline | 106 | 4.128 | 4.128 | 0.000 | 37 | 47325 | 5.00 | 0.4027 | |
| | 21 Acetophenone | 105 | 4.128 | 4.134 | -0.006 | 92 | 611924 | 5.00 | 5.43 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.140 | 4.146 | -0.006 | 88 | 312246 | 5.00 | 5.60 | |
| | 23 3 & 4 Methylphenol | 108 | 4.164 | 4.169 | -0.005 | 70 | 320898 | 5.00 | 4.20 | |
| | 24 4-Methylphenol | 108 | 4.164 | 4.169 | -0.005 | 98 | 320898 | 5.00 | 4.20 | |
| | 25 Hexachloroethane | 117 | 4.228 | 4.228 | 0.000 | 94 | 197495 | 5.00 | 5.07 | |
| | 26 2-Toluidine | 107 | 4.293 | 4.269 | 0.024 | 34 | 5632 | | NC | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.275 | 4.275 | 0.000 | 88 | 700954 | 10.0 | 7.53 | |
| | 28 Nitrobenzene | 123 | 4.293 | 4.299 | -0.006 | 98 | 224707 | 5.00 | 5.46 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.305 | 4.305 | 0.000 | 91 | 32829 | 5.00 | 0.2660 | |
| | 30 Isophorone | 82 | 4.534 | 4.534 | 0.000 | 99 | 762768 | 5.00 | 5.19 | |
| | 32 2-Nitrophenol | 139 | 4.611 | 4.611 | 0.000 | 93 | 239957 | 5.00 | 5.70 | |
| | 33 2,4-Dimethylphenol | 122 | 4.681 | 4.687 | -0.006 | 91 | 361787 | 5.00 | 5.25 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.764 | 4.764 | 0.000 | 99 | 525833 | 5.00 | 5.48 | |
| 35 Benzoic acid | 122 | 4.769 | 4.805 | -0.036 | 88 | 118299 | 5.00 | 3.29 | |
| 36 2,4-Dichlorophenol | 162 | 4.852 | 4.858 | -0.006 | 96 | 383439 | 5.00 | 5.73 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.928 | 4.928 | 0.000 | 94 | 420003 | 5.00 | 5.38 | |
| * 38 Naphthalene-d8 | 136 | 4.975 | 4.975 | 0.000 | 99 | 1820626 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.993 | 5.005 | -0.006 | 99 | 1315703 | 5.00 | 5.43 | |
| 40 4-Chloroaniline | 127 | 5.064 | 5.064 | -0.005 | 96 | 16614 | 5.00 | 0.1887 | 7a |
| 130 2,6-Dichlorophenol | 162 | 5.069 | 5.075 | -0.006 | 99 | 374157 | 5.00 | 5.73 | |
| 41 Hexachlorobutadiene | 225 | 5.140 | 5.140 | 0.000 | 97 | 260872 | 5.00 | 5.49 | |
| 42 Caprolactam | 55 | 5.387 | 5.393 | -0.006 | 93 | 36714 | 5.00 | 1.47 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.564 | 5.569 | -0.005 | 96 | 345388 | 5.00 | 5.59 | |
| 44 2-Methylnaphthalene | 142 | 5.669 | 5.675 | -0.006 | 84 | 817131 | 5.00 | 5.96 | |
| 45 1-Methylnaphthalene | 142 | 5.764 | 5.764 | 0.001 | 92 | 829738 | 5.00 | 5.86 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.834 | 5.835 | -0.006 | 94 | 333581 | 5.00 | 4.84 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.840 | 5.835 | 0.000 | 96 | 463809 | 5.00 | 5.26 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.905 | 5.905 | 0.000 | 90 | 559799 | 5.00 | 5.99 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.958 | 5.952 | 0.000 | 90 | 295635 | 5.00 | 5.53 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.993 | 5.988 | 0.000 | 98 | 316446 | 5.00 | 5.52 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.034 | 6.040 | -0.006 | 97 | 1443944 | 10.0 | 7.12 | |
| 52 1,1'-Biphenyl | 154 | 6.128 | 6.128 | 0.000 | 96 | 1107268 | 5.00 | 5.43 | |
| 53 2-Chloronaphthalene | 162 | 6.134 | 6.129 | 0.000 | 97 | 865166 | 5.00 | 5.40 | |
| 54 Phenyl ether | 170 | 6.234 | 6.229 | 0.000 | 91 | 592918 | 5.00 | 5.38 | |
| 55 2-Nitroaniline | 65 | 6.240 | 6.240 | -0.006 | 98 | 280318 | 5.00 | 5.54 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.352 | 6.346 | 0.000 | 91 | 647800 | 5.00 | 5.82 | |
| 60 Coumarin | 146 | 6.434 | 6.434 | 0.000 | 80 | 325701 | 5.00 | 6.89 | |
| 59 Dimethyl phthalate | 163 | 6.440 | 6.434 | 0.000 | 98 | 965220 | 5.00 | 5.91 | |
| 61 2,6-Dinitrotoluene | 165 | 6.481 | 6.481 | -0.006 | 96 | 213028 | 5.00 | 6.02 | |
| 62 Acenaphthylene | 152 | 6.528 | 6.522 | 0.000 | 97 | 1392616 | 5.00 | 5.63 | |
| 63 3-Nitroaniline | 138 | 6.634 | 6.634 | -0.006 | 96 | 63731 | 5.00 | 1.72 | |
| * 64 Acenaphthene-d10 | 164 | 6.663 | 6.669 | -0.006 | 94 | 1033290 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.693 | 6.699 | -0.006 | 95 | 774393 | 5.00 | 5.27 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.716 | 6.716 | -0.006 | 97 | 714472 | 5.00 | 5.12 | |
| 67 2,4-Dinitrophenol | 184 | 6.740 | 6.734 | 0.000 | 95 | 230538 | 10.0 | 14.3 | |
| 68 4-Nitrophenol | 65 | 6.834 | 6.834 | -0.006 | 90 | 159081 | 10.0 | 7.09 | a |
| 70 Dibenzofuran | 168 | 6.858 | 6.857 | -0.005 | 99 | 1203209 | 5.00 | 5.62 | |
| 69 2,4-Dinitrotoluene | 165 | 6.863 | 6.857 | 0.000 | 93 | 298992 | 5.00 | 7.09 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.993 | 6.987 | 0.000 | 94 | 255834 | 5.00 | 6.22 | |
| 73 Diethyl phthalate | 149 | 7.116 | 7.110 | 0.000 | 98 | 935558 | 5.00 | 5.84 | |
| 75 Fluorene | 166 | 7.181 | 7.180 | -0.006 | 95 | 968077 | 5.00 | 5.75 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.199 | 7.192 | 0.000 | 92 | 470749 | 5.00 | 5.72 | |
| 76 4-Nitroaniline | 138 | 7.216 | 7.216 | -0.006 | 89 | 181215 | 5.00 | 5.47 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.252 | 7.246 | 0.000 | 88 | 328782 | 10.0 | 13.3 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.316 | 7.316 | 0.000 | 96 | 638136 | 5.00 | 5.19 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.346 | 7.352 | -0.006 | 94 | 934348 | 5.00 | 5.16 | |
| 131 Azobenzene | 77 | 7.346 | 7.352 | -0.006 | 0 | 936045 | 5.00 | 5.10 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.416 | 7.416 | 0.000 | 91 | 340491 | 10.0 | 7.97 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.658 | 7.658 | -0.005 | 93 | 306853 | 5.00 | 5.51 | |
| 82 Hexachlorobenzene | 284 | 7.710 | 7.711 | -0.006 | 95 | 391590 | 5.00 | 5.53 | |
| 83 Atrazine | 200 | 7.840 | 7.834 | 0.000 | 94 | 372327 | 5.00 | 9.39 | E |
| 84 Pentachlorophenol | 266 | 7.905 | 7.905 | -0.005 | 94 | 459652 | 10.0 | 12.8 | |
| 85 Pentachloronitrobenzene | 237 | 7.916 | 7.911 | 0.000 | 90 | 122239 | 5.00 | 7.19 | |
| 86 n-Octadecane | 57 | 8.022 | 8.028 | -0.006 | 90 | 540844 | 5.00 | 5.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.063 | 8.069 | -0.006 | 98 | 1771497 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.087 | 8.093 | -0.006 | 97 | 1336109 | 5.00 | 5.76 | |
| 89 Anthracene | 178 | 8.134 | 8.140 | -0.006 | 98 | 1329610 | 5.00 | 5.70 | |
| 90 Carbazole | 167 | 8.299 | 8.298 | -0.006 | 96 | 1189188 | 5.00 | 6.15 | |
| 91 Di-n-butyl phthalate | 149 | 8.663 | 8.669 | -0.006 | 99 | 1490465 | 5.00 | 6.88 | |
| 92 Fluoranthene | 202 | 9.210 | 9.216 | -0.006 | 98 | 1285956 | 5.00 | 6.39 | |
| 93 Benzidine | 184 | 9.357 | 9.358 | -0.006 | 99 | 7118 | 5.00 | 0.1348 | |
| 94 Pyrene | 202 | 9.416 | 9.417 | -0.006 | 97 | 1323803 | 5.00 | 5.15 | |
| 95 Bisphenol-A | 213 | 9.516 | 9.517 | -0.006 | 98 | 187644 | 2.50 | 2.23 | |
| $ 96 Terphenyl-d14 | 244 | 9.593 | 9.604 | -0.011 | 98 | 743090 | 10.0 | 3.32 | |
| 97 Butyl benzyl phthalate | 149 | 10.081 | 10.081 | -0.006 | 96 | 540687 | 5.00 | 6.36 | |
| 99 Carbamazepine | 193 | 10.157 | 10.169 | -0.012 | 92 | 339404 | 5.00 | 5.51 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.587 | 10.587 | -0.006 | 99 | 291528 | 5.00 | 4.01 | |
| 101 Benzo[a]anthracene | 228 | 10.587 | 10.599 | -0.012 | 99 | 1121434 | 5.00 | 5.66 | |
| * 102 Chrysene-d12 | 240 | 10.599 | 10.604 | -0.005 | 99 | 1193263 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.622 | 10.634 | -0.012 | 98 | 1085269 | 5.00 | 5.81 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.693 | 10.704 | -0.011 | 86 | 739694 | 5.00 | 6.54 | |
| 105 Di-n-octyl phthalate | 149 | 11.457 | 11.457 | -0.006 | 96 | 1007805 | 5.00 | 6.07 | |
| 106 Benzo[b]fluoranthene | 252 | 11.840 | 11.845 | -0.011 | 98 | 856497 | 5.00 | 5.45 | |
| 107 Benzo[k]fluoranthene | 252 | 11.875 | 11.881 | -0.012 | 99 | 975119 | 5.00 | 5.94 | |
| 108 Benzo[a]pyrene | 252 | 12.251 | 12.263 | -0.012 | 97 | 769613 | 5.00 | 5.73 | |
| * 109 Perylene-d12 | 264 | 12.328 | 12.334 | -0.006 | 99 | 1047144 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 13.740 | 13.745 | -0.011 | 99 | 701149 | 5.00 | 5.39 | |
| 111 Dibenz(a,h)anthracene | 278 | 13.781 | 13.786 | -0.011 | 98 | 707733 | 5.00 | 5.47 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.087 | 14.091 | -0.011 | 98 | 653747 | 5.00 | 5.12 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 8.62 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

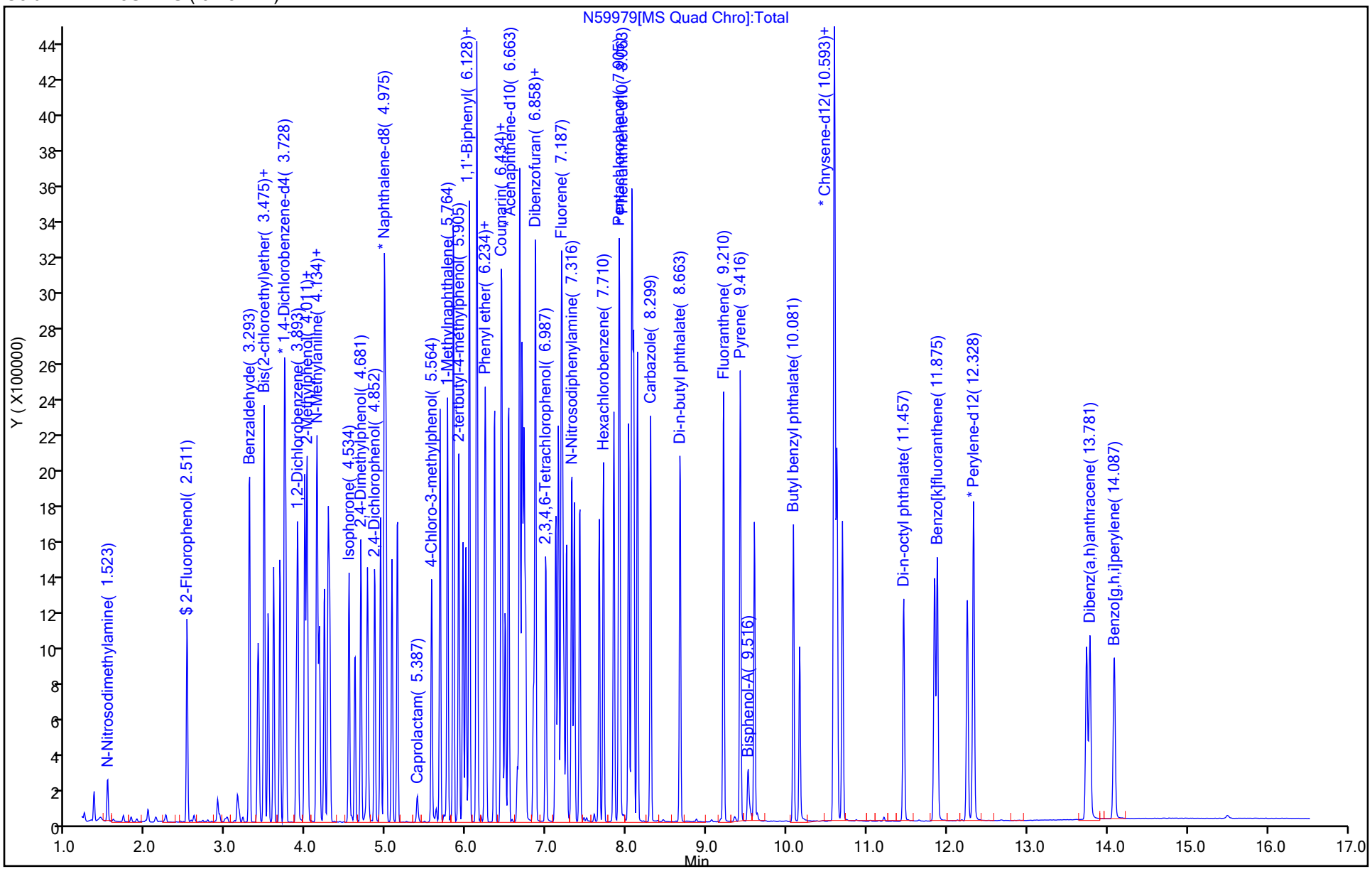
Report Date: 15-Aug-2025 05:14:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59979.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 03:43:46 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | 460-332739-E-5-B MS | | | Worklist Smp#: | 31 |
| Client ID: | HHMW-05S2-R | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 31 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59979.d
Lims ID: 460-332739-E-5-B MS
Client ID: HHMW-05S2-R
Sample Type: MS
Inject. Date: 15-Aug-2025 03:43:46 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-031
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 05:14:50 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 05:14:50

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.76 | 47.58 |
| $ 6 Phenol-d5 | 10.0 | 3.17 | 31.72 |
| $ 27 Nitrobenzene-d5 | 10.0 | 7.53 | 75.27 |
| $ 51 2-Fluorobiphenyl | 10.0 | 7.12 | 71.18 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 7.97 | 79.69 |
| $ 96 Terphenyl-d14 | 10.0 | 3.32 | 33.16 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-332739-1

SDG No.:

Client Sample ID: HHMW-05S2-R MSD | Lab Sample ID: 460-332739-5 MSD

Matrix: Water | Lab File ID: N59980.d

Analysis Method: 8270E | Date Collected: 08/12/2025 11:15

Extract. Method: 3510C | Date Extracted: 08/14/2025 10:58

Sample wt/vol: 250(mL) | Date Analyzed: 08/15/2025 04:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1055605 | Units: ug/L

Preparation Batch No.: 1055552 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 91-57-6 | 2-Methylnaphthalene | 38.8 | | 10 | 0.53 |
| 83-32-9 | Acenaphthene | 34.5 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 36.8 | | 10 | 0.82 |
| 120-12-7 | Anthracene | 37.5 | | 10 | 1.3 |
| 56-55-3 | Benzo[a]anthracene | 37.1 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 38.5 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 37.0 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 36.3 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 39.3 | | 1.0 | 0.67 |
| 218-01-9 | Chrysene | 39.0 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 38.2 | | 1.0 | 0.72 |
| 206-44-0 | Fluoranthene | 42.5 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 37.8 | | 10 | 0.91 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 37.8 | | 2.0 | 0.94 |
| 91-20-3 | Naphthalene | 35.8 | | 2.0 | 0.54 |
| 85-01-8 | Phenanthrene | 37.2 | | 10 | 1.3 |
| 129-00-0 | Pyrene | 32.7 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 321-60-8 | 2-Fluorobiphenyl | 61 | | 38-139 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 66 | | 39-145 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 30 | | 10-133 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59980.d
Lims ID: 460-332739-E-5-C MSD
Client ID: HHMW-05S2-R
Sample Type: MSD
Inject. Date: 15-Aug-2025 04:05:53 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-032
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 05:15:43 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 05:15:43

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.352 | 1.340 | 0.012 | 93 | 61824 | 5.00 | 1.86 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.517 | 1.517 | 0.000 | 89 | 99490 | 5.00 | 2.08 | |
| | 3 Pyridine | 79 | 1.581 | 1.581 | 0.035 | 93 | 1638 | 10.0 | 0.0214 | 7a |
| $ | 4 2-Fluorophenol | 112 | 2.511 | 2.511 | 0.000 | 96 | 341458 | 10.0 | 4.27 | |
| | 5 Benzaldehyde | 77 | 3.293 | 3.287 | 0.006 | 95 | 384044 | 5.00 | 6.37 | E |
| $ | 6 Phenol-d5 | 99 | 3.393 | 3.399 | -0.006 | 96 | 278342 | 10.0 | 2.89 | |
| | 8 Aniline | 93 | 3.405 | 3.405 | 0.000 | 54 | 8430 | 5.00 | 0.0782 | 7a |
| | 7 Phenol | 94 | 3.405 | 3.410 | -0.006 | 99 | 190780 | 5.00 | 1.93 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.469 | 3.475 | -0.006 | 97 | 323739 | 5.00 | 4.29 | |
| | 10 Benzonitrile | 103 | 3.475 | 3.481 | -0.006 | 99 | 649241 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.522 | 3.528 | -0.006 | 97 | 330642 | 5.00 | 4.22 | |
| | 12 n-Decane | 43 | 3.593 | 3.593 | 0.000 | 89 | 283026 | 5.00 | 3.91 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.669 | 3.675 | -0.006 | 95 | 372601 | 5.00 | 4.10 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.728 | 3.728 | 0.000 | 96 | 470505 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.746 | 3.746 | 0.000 | 95 | 386271 | 5.00 | 3.99 | |
| | 16 Benzyl alcohol | 108 | 3.875 | 3.881 | -0.006 | 93 | 138580 | 5.00 | 3.38 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.893 | 3.893 | 0.000 | 96 | 370204 | 5.00 | 4.28 | |
| | 18 2-Methylphenol | 108 | 4.005 | 4.011 | -0.006 | 89 | 260842 | 5.00 | 3.76 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 4.011 | 4.017 | -0.005 | 91 | 409064 | 5.00 | 4.52 | |
| | 20 N-Methylaniline | 106 | 4.128 | 4.128 | 0.000 | 36 | 37655 | 5.00 | 0.3420 | |
| | 21 Acetophenone | 105 | 4.128 | 4.134 | -0.006 | 92 | 476837 | 5.00 | 4.52 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 4.140 | 4.146 | -0.006 | 89 | 237796 | 5.00 | 4.55 | |
| | 23 3 & 4 Methylphenol | 108 | 4.164 | 4.169 | -0.005 | 70 | 253932 | 5.00 | 3.55 | |
| | 24 4-Methylphenol | 108 | 4.164 | 4.169 | -0.005 | 98 | 253932 | 5.00 | 3.55 | |
| | 25 Hexachloroethane | 117 | 4.228 | 4.228 | 0.000 | 93 | 154901 | 5.00 | 4.25 | |
| | 26 2-Toluidine | 107 | 4.293 | 4.269 | 0.024 | 36 | 4863 | | NC | |
| $ | 27 Nitrobenzene-d5 | 82 | 4.275 | 4.275 | 0.000 | 92 | 573842 | 10.0 | 6.56 | |
| | 28 Nitrobenzene | 123 | 4.293 | 4.299 | -0.006 | 97 | 174703 | 5.00 | 4.53 | |
| | 29 n,n'-Dimethylaniline | 120 | 4.305 | 4.305 | 0.000 | 92 | 127826 | 5.00 | 1.11 | |
| | 30 Isophorone | 82 | 4.534 | 4.534 | 0.000 | 99 | 589809 | 5.00 | 4.27 | |
| | 32 2-Nitrophenol | 139 | 4.611 | 4.611 | 0.000 | 92 | 185003 | 5.00 | 4.68 | |
| | 33 2,4-Dimethylphenol | 122 | 4.681 | 4.687 | -0.006 | 91 | 288724 | 5.00 | 4.46 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.764 | 4.764 | 0.000 | 99 | 403966 | 5.00 | 4.48 | |
| 35 Benzoic acid | 122 | 4.769 | 4.805 | -0.036 | 89 | 90533 | 5.00 | 2.81 | |
| 36 2,4-Dichlorophenol | 162 | 4.852 | 4.858 | -0.006 | 96 | 293099 | 5.00 | 4.67 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.928 | 4.928 | 0.000 | 94 | 323306 | 5.00 | 4.41 | |
| * 38 Naphthalene-d8 | 136 | 4.975 | 4.975 | 0.000 | 99 | 1710307 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.993 | 5.005 | -0.006 | 99 | 1018707 | 5.00 | 4.47 | |
| 40 4-Chloroaniline | 127 | 5.064 | 5.064 | -0.005 | 97 | 73787 | 5.00 | 0.8922 | |
| 130 2,6-Dichlorophenol | 162 | 5.069 | 5.075 | -0.006 | 98 | 297935 | 5.00 | 4.86 | |
| 41 Hexachlorobutadiene | 225 | 5.140 | 5.140 | 0.000 | 96 | 201614 | 5.00 | 4.51 | |
| 42 Caprolactam | 55 | 5.381 | 5.393 | -0.012 | 93 | 28605 | 5.00 | 1.22 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.563 | 5.569 | -0.006 | 95 | 266877 | 5.00 | 4.60 | |
| 44 2-Methylnaphthalene | 142 | 5.669 | 5.675 | -0.006 | 84 | 624525 | 5.00 | 4.85 | |
| 45 1-Methylnaphthalene | 142 | 5.763 | 5.764 | 0.000 | 92 | 636779 | 5.00 | 4.79 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.834 | 5.835 | -0.006 | 97 | 256053 | 5.00 | 3.99 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.840 | 5.835 | 0.000 | 97 | 355972 | 5.00 | 4.33 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.905 | 5.905 | 0.000 | 90 | 437997 | 5.00 | 4.99 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.958 | 5.952 | 0.000 | 90 | 227799 | 5.00 | 4.58 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.993 | 5.988 | 0.000 | 98 | 242426 | 5.00 | 4.54 | |
| $ 51 2-Fluorobiphenyl | 172 | 6.034 | 6.040 | -0.006 | 97 | 1155146 | 10.0 | 6.11 | |
| 52 1,1'-Biphenyl | 154 | 6.128 | 6.128 | 0.000 | 96 | 842927 | 5.00 | 4.43 | |
| 53 2-Chloronaphthalene | 162 | 6.134 | 6.129 | 0.000 | 97 | 665378 | 5.00 | 4.45 | |
| 54 Phenyl ether | 170 | 6.234 | 6.229 | 0.000 | 87 | 454425 | 5.00 | 4.43 | |
| 55 2-Nitroaniline | 65 | 6.240 | 6.240 | -0.006 | 97 | 217100 | 5.00 | 4.61 | |
| 57 1,3-Dimethylnaphthalene | 156 | 6.352 | 6.346 | 0.000 | 91 | 493443 | 5.00 | 4.76 | |
| 60 Coumarin | 146 | 6.434 | 6.434 | 0.000 | 79 | 248685 | 5.00 | 5.60 | |
| 59 Dimethyl phthalate | 163 | 6.440 | 6.434 | 0.000 | 98 | 746444 | 5.00 | 4.90 | |
| 61 2,6-Dinitrotoluene | 165 | 6.481 | 6.481 | -0.006 | 95 | 163988 | 5.00 | 4.98 | |
| 62 Acenaphthylene | 152 | 6.528 | 6.522 | 0.000 | 98 | 1061743 | 5.00 | 4.60 | |
| 63 3-Nitroaniline | 138 | 6.634 | 6.634 | -0.006 | 98 | 116082 | 5.00 | 3.36 | |
| * 64 Acenaphthene-d10 | 164 | 6.663 | 6.669 | -0.006 | 94 | 962658 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.693 | 6.699 | -0.006 | 95 | 590889 | 5.00 | 4.32 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.716 | 6.716 | -0.006 | 97 | 554879 | 5.00 | 4.27 | |
| 67 2,4-Dinitrophenol | 184 | 6.740 | 6.734 | 0.000 | 96 | 175078 | 10.0 | 11.9 | |
| 68 4-Nitrophenol | 65 | 6.834 | 6.834 | -0.006 | 88 | 129714 | 10.0 | 6.20 | a |
| 70 Dibenzofuran | 168 | 6.858 | 6.857 | -0.005 | 97 | 927443 | 5.00 | 4.65 | |
| 69 2,4-Dinitrotoluene | 165 | 6.863 | 6.857 | 0.000 | 92 | 224925 | 5.00 | 5.73 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.993 | 6.987 | 0.000 | 94 | 190923 | 5.00 | 4.99 | |
| 73 Diethyl phthalate | 149 | 7.116 | 7.110 | 0.000 | 98 | 724600 | 5.00 | 4.85 | |
| 75 Fluorene | 166 | 7.181 | 7.180 | -0.006 | 95 | 742228 | 5.00 | 4.73 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 7.199 | 7.192 | 0.000 | 92 | 357395 | 5.00 | 4.66 | |
| 76 4-Nitroaniline | 138 | 7.216 | 7.216 | -0.006 | 88 | 144745 | 5.00 | 4.69 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 7.252 | 7.246 | 0.000 | 88 | 249983 | 10.0 | 10.9 | |
| 78 N-Nitrosodiphenylamine | 169 | 7.310 | 7.316 | -0.006 | 96 | 523038 | 5.00 | 4.53 | |
| 79 1,2-Diphenylhydrazine | 77 | 7.346 | 7.352 | -0.006 | 95 | 724488 | 5.00 | 4.26 | |
| 131 Azobenzene | 77 | 7.346 | 7.352 | -0.006 | 0 | 724488 | 5.00 | 4.20 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.416 | 7.416 | 0.000 | 91 | 276628 | 10.0 | 6.95 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.658 | 7.658 | -0.005 | 93 | 228307 | 5.00 | 4.36 | |
| 82 Hexachlorobenzene | 284 | 7.710 | 7.711 | -0.006 | 96 | 295190 | 5.00 | 4.44 | |
| 83 Atrazine | 200 | 7.840 | 7.834 | 0.000 | 94 | 281175 | 5.00 | 7.54 | E |
| 84 Pentachlorophenol | 266 | 7.905 | 7.905 | -0.005 | 94 | 352850 | 10.0 | 10.5 | |
| 85 Pentachloronitrobenzene | 237 | 7.916 | 7.911 | 0.000 | 90 | 93560 | 5.00 | 5.85 | |
| 86 n-Octadecane | 57 | 8.022 | 8.028 | -0.006 | 91 | 409206 | 5.00 | 4.03 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 8.063 | 8.069 | -0.006 | 99 | 1664832 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 8.087 | 8.093 | -0.006 | 98 | 1013359 | 5.00 | 4.65 | |
| 89 Anthracene | 178 | 8.134 | 8.140 | -0.006 | 98 | 1027789 | 5.00 | 4.69 | |
| 90 Carbazole | 167 | 8.299 | 8.298 | -0.006 | 96 | 917298 | 5.00 | 5.05 | |
| 91 Di-n-butyl phthalate | 149 | 8.663 | 8.669 | -0.006 | 99 | 1103414 | 5.00 | 5.42 | |
| 92 Fluoranthene | 202 | 9.210 | 9.216 | -0.006 | 98 | 1003641 | 5.00 | 5.31 | |
| 93 Benzidine | 184 | 9.363 | 9.363 | 0.000 | 1 | 113 | 5.00 | 0.0259 | 7a |
| 94 Pyrene | 202 | 9.416 | 9.417 | -0.006 | 97 | 1020559 | 5.00 | 4.08 | |
| 95 Bisphenol-A | 213 | 9.516 | 9.517 | -0.006 | 98 | 165077 | 2.50 | 2.01 | |
| $ 96 Terphenyl-d14 | 244 | 9.593 | 9.604 | -0.011 | 98 | 661897 | 10.0 | 3.04 | |
| 97 Butyl benzyl phthalate | 149 | 10.081 | 10.081 | -0.006 | 96 | 421539 | 5.00 | 5.10 | |
| 99 Carbamazepine | 193 | 10.157 | 10.169 | -0.012 | 92 | 281935 | 5.00 | 4.77 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.587 | 10.587 | -0.006 | 99 | 268540 | 5.00 | 3.81 | |
| 101 Benzo[a]anthracene | 228 | 10.587 | 10.599 | -0.012 | 99 | 892623 | 5.00 | 4.63 | |
| * 102 Chrysene-d12 | 240 | 10.599 | 10.604 | -0.005 | 99 | 1160084 | 8.00 | 8.00 | |
| 104 Chrysene | 228 | 10.622 | 10.634 | -0.012 | 98 | 885546 | 5.00 | 4.87 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.693 | 10.704 | -0.011 | 86 | 579184 | 5.00 | 5.27 | |
| 105 Di-n-octyl phthalate | 149 | 11.457 | 11.457 | -0.006 | 96 | 810659 | 5.00 | 4.85 | |
| 106 Benzo[b]fluoranthene | 252 | 11.840 | 11.845 | -0.011 | 98 | 733940 | 5.00 | 4.62 | |
| 107 Benzo[k]fluoranthene | 252 | 11.875 | 11.881 | -0.012 | 99 | 814137 | 5.00 | 4.91 | |
| 108 Benzo[a]pyrene | 252 | 12.251 | 12.263 | -0.012 | 97 | 653473 | 5.00 | 4.82 | |
| * 109 Perylene-d12 | 264 | 12.328 | 12.334 | -0.006 | 99 | 1058061 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 13.740 | 13.745 | -0.011 | 99 | 620711 | 5.00 | 4.72 | |
| 111 Dibenz(a,h)anthracene | 278 | 13.781 | 13.786 | -0.011 | 99 | 625240 | 5.00 | 4.78 | |
| 112 Benzo[g,h,i]perylene | 276 | 14.087 | 14.091 | -0.011 | 98 | 585424 | 5.00 | 4.54 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 7.31 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

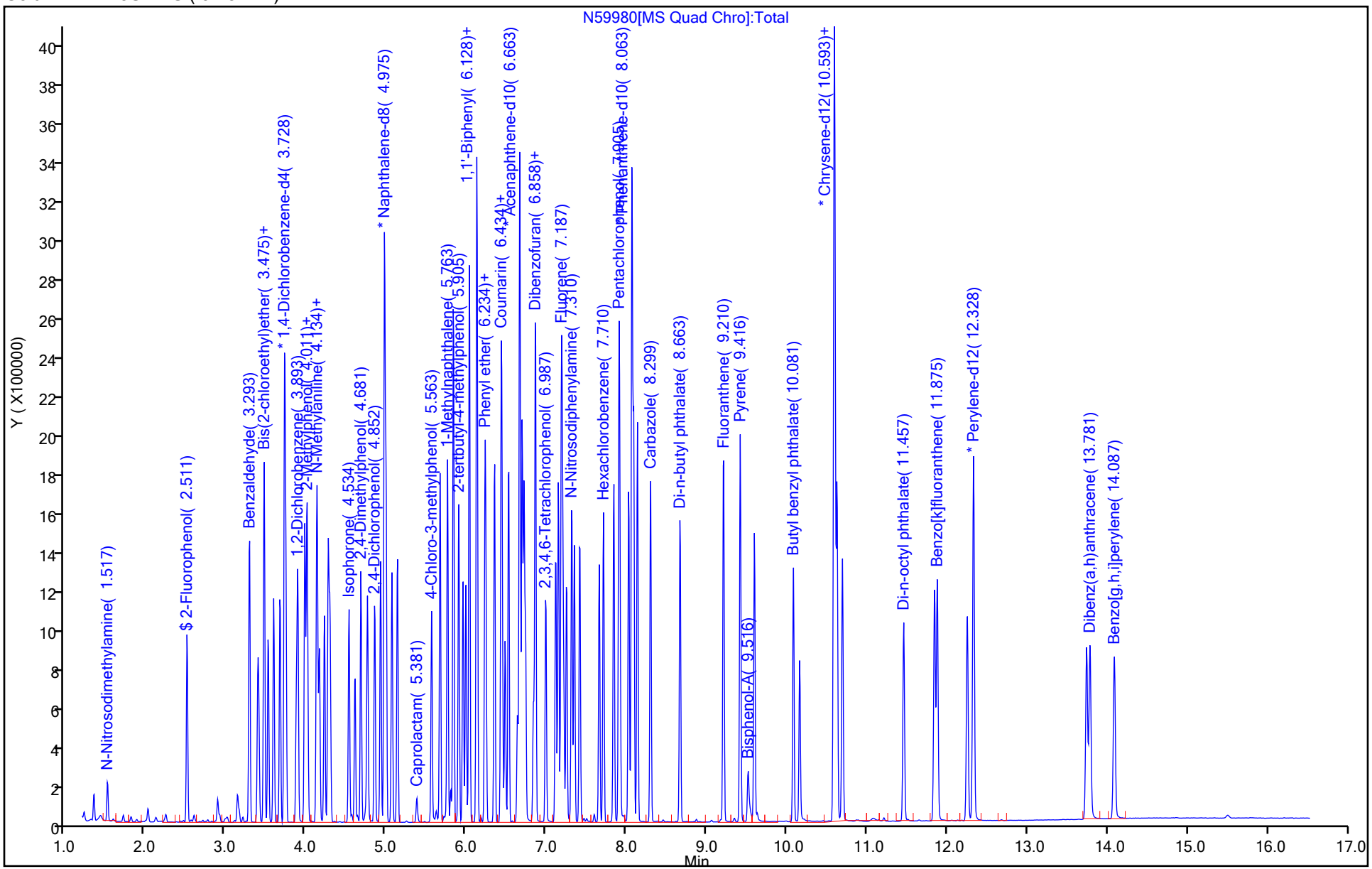
Report Date: 15-Aug-2025 05:15:44 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59980.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 15-Aug-2025 04:05:53 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | 460-332739-E-5-C MSD | | | Worklist Smp#: | 32 |
| Client ID: | HHMW-05S2-R | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 32 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\N59980.d
Lims ID: 460-332739-E-5-C MSD
Client ID: HHMW-05S2-R
Sample Type: MSD
Inject. Date: 15-Aug-2025 04:05:53 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194926-032
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250814-194926.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 15-Aug-2025 05:15:43 Calib Date: 21-Jun-2025 13:44:21
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250621-192568.b\N58889.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1707

First Level Reviewer: G4KC Date: 15-Aug-2025 05:15:43

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.27 | 42.70 |
| $ 6 Phenol-d5 | 10.0 | 2.89 | 28.85 |
| $ 27 Nitrobenzene-d5 | 10.0 | 6.56 | 65.60 |
| $ 51 2-Fluorobiphenyl | 10.0 | 6.11 | 61.12 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 6.95 | 69.50 |
| $ 96 Terphenyl-d14 | 10.0 | 3.04 | 30.38 |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 06/21/2025 10:06

Analysis Batch Number: 1045243 End Date: 06/21/2025 14:06

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| DFTPP 460-1045243/1 | | 06/21/2025 10:06 | 1 | N58879.d | Rtxi-5Sil MS 0.25(mm) |
| ICIS 460-1045243/2 | | 06/21/2025 10:22 | 1 | N58880.d | Rtxi-5Sil MS 0.25(mm) |
| STD24 460-1045243/3 IC | | 06/21/2025 10:44 | 1 | N58881.d | Rtxi-5Sil MS 0.25(mm) |
| STD16 460-1045243/4 IC | | 06/21/2025 11:06 | 1 | N58882.d | Rtxi-5Sil MS 0.25(mm) |
| STD4 460-1045243/5 IC | | 06/21/2025 11:29 | 1 | N58883.d | Rtxi-5Sil MS 0.25(mm) |
| STD2 460-1045243/6 IC | | 06/21/2025 11:51 | 1 | N58884.d | Rtxi-5Sil MS 0.25(mm) |
| STD1 460-1045243/7 IC | | 06/21/2025 12:14 | 1 | N58885.d | Rtxi-5Sil MS 0.25(mm) |
| STD04 460-1045243/8 IC | | 06/21/2025 12:36 | 1 | N58886.d | Rtxi-5Sil MS 0.25(mm) |
| STD02 460-1045243/9 IC | | 06/21/2025 12:59 | 1 | N58887.d | Rtxi-5Sil MS 0.25(mm) |
| STD01 460-1045243/10 IC | | 06/21/2025 13:21 | 1 | N58888.d | Rtxi-5Sil MS 0.25(mm) |
| STD002 460-1045243/11 IC | | 06/21/2025 13:44 | 1 | N58889.d | Rtxi-5Sil MS 0.25(mm) |
| ICV 460-1045243/12 | | 06/21/2025 14:06 | 1 | N58890.d | Rtxi-5Sil MS 0.25(mm) |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 08/14/2025 16:31

Analysis Batch Number: 1055605 End Date: 08/15/2025 04:05

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1055605/2 | | 08/14/2025 16:31 | 1 | N59950.d | Rtxi-5Sil MS 0.25(mm) |
| LCS 460-1055552/2-A | | 08/14/2025 17:42 | 1 | N59952.d | Rtxi-5Sil MS 0.25(mm) |
| LCSD 460-1055552/3-A | | 08/14/2025 18:09 | 1 | N59953.d | Rtxi-5Sil MS 0.25(mm) |
| MB 460-1055552/1-A | | 08/14/2025 18:32 | 1 | N59954.d | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 20:45 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 21:07 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 21:29 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 21:51 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 22:13 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 22:35 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 22:57 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 23:19 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 23:41 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 00:03 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 00:25 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 00:47 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 01:09 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 08/15/2025 01:31 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 08/15/2025 01:53 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 02:15 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 08/15/2025 02:37 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 08/15/2025 02:59 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-5 | HHMW-05S2-R | 08/15/2025 03:21 | 1 | N59978.d | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-5 MS | HHMW-05S2-R MS | 08/15/2025 03:43 | 1 | N59979.d | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-5 MSD | HHMW-05S2-R MSD | 08/15/2025 04:05 | 1 | N59980.d | Rtxi-5Sil MS 0.25(mm) |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 08/11/2025 08:06

Analysis Batch Number: 1054842 End Date: 08/11/2025 11:55

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| DFTPP 460-1054842/1 | | 08/11/2025 08:06 | 1 | P94216.D | Rtxi-5Sil MS 0.25(mm) |
| ICIS 460-1054842/2 | | 08/11/2025 08:22 | 1 | P94217.D | Rtxi-5Sil MS 0.25(mm) |
| STD24 460-1054842/3 IC | | 08/11/2025 08:44 | 1 | P94218.D | Rtxi-5Sil MS 0.25(mm) |
| STD16 460-1054842/4 IC | | 08/11/2025 09:05 | 1 | P94219.D | Rtxi-5Sil MS 0.25(mm) |
| STD4 460-1054842/5 IC | | 08/11/2025 09:26 | 1 | P94220.D | Rtxi-5Sil MS 0.25(mm) |
| STD2 460-1054842/6 IC | | 08/11/2025 09:48 | 1 | P94221.D | Rtxi-5Sil MS 0.25(mm) |
| STD1 460-1054842/7 IC | | 08/11/2025 10:09 | 1 | P94222.D | Rtxi-5Sil MS 0.25(mm) |
| STD04 460-1054842/8 IC | | 08/11/2025 10:30 | 1 | P94223.D | Rtxi-5Sil MS 0.25(mm) |
| STD02 460-1054842/9 IC | | 08/11/2025 10:51 | 1 | P94224.D | Rtxi-5Sil MS 0.25(mm) |
| STD01 460-1054842/10 IC | | 08/11/2025 11:13 | 1 | P94225.D | Rtxi-5Sil MS 0.25(mm) |
| STD002 460-1054842/11 IC | | 08/11/2025 11:34 | 1 | P94226.D | Rtxi-5Sil MS 0.25(mm) |
| ICV 460-1054842/12 | | 08/11/2025 11:55 | 1 | P94227.D | Rtxi-5Sil MS 0.25(mm) |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-332739-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 08/14/2025 16:29

Analysis Batch Number: 1055613 End Date: 08/15/2025 00:56

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1055613/2 | | 08/14/2025 16:29 | 1 | P94265.D | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 08/14/2025 17:15 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 08/14/2025 17:37 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 08/14/2025 17:58 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| LCS 460-1055555/2-A | | 08/14/2025 18:26 | 1 | P94270.D | Rtxi-5Sil MS 0.25(mm) |
| LCSD 460-1055555/3-A | | 08/14/2025 18:48 | 1 | P94271.D | Rtxi-5Sil MS 0.25(mm) |
| MB 460-1055555/1-A | | 08/14/2025 19:09 | 1 | P94272.D | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 08/14/2025 19:34 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/14/2025 19:56 | 10 | | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-1 | HHMW-14 | 08/14/2025 20:39 | 1 | P94276.D | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-2 | HHMW-19S1 | 08/14/2025 21:00 | 1 | P94277.D | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-3 | HHMW-13 | 08/14/2025 21:21 | 1 | P94278.D | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-4 | HHMW-16S1 | 08/14/2025 21:43 | 1 | P94279.D | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-6 | MW-03 | 08/14/2025 22:04 | 1 | P94280.D | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-7 | HHMW-18S1 | 08/14/2025 22:26 | 1 | P94281.D | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-9 | FB-20250812 | 08/14/2025 22:47 | 1 | P94282.D | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-11 | DUP-01 | 08/14/2025 23:09 | 1 | P94283.D | Rtxi-5Sil MS 0.25(mm) |
| 460-332739-8 | HHMW-09S1 | 08/15/2025 00:34 | 1 | P94287.D | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 08/15/2025 00:56 | 20 | | Rtxi-5Sil MS 0.25(mm) |

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1045243  Batch Start Date: 06/21/25 10:06  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | 8270_3511_L1 00001 | 8270_3511_L2 00001 | SMDFTP_CH 00037 | SV_BNAL1_LVI 00007 | SV_BNAL3_LVI 00009 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1045243/1 | | 8270E | | | 1 mL | | | 1 mL | | |
| ICIS 460-1045243/2 | | 8270E | | | 1 mL | | | | | |
| STD24 460-1045243/3 IC | | 8270E | | | 1 mL | | | | | |
| STD16 460-1045243/4 IC | | 8270E | | | 1 mL | | | | | |
| STD4 460-1045243/5 IC | | 8270E | | | 1 mL | | | | | |
| STD2 460-1045243/6 IC | | 8270E | | | 1 mL | | | | | |
| STD1 460-1045243/7 IC | | 8270E | | | 1 mL | | | | | |
| STD04 460-1045243/8 IC | | 8270E | | | 1 mL | | | | | 1 mL |
| STD02 460-1045243/9 IC | | 8270E | | | 1 mL | | 1 mL | | | |
| STD01 460-1045243/10 IC | | 8270E | | | 1 mL | | | | 1 mL | |
| STD002 460-1045243/11 IC | | 8270E | | | 1 mL | 1 mL | | | | |
| ICV 460-1045243/12 | | 8270E | | | 1 mL | | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNAL4_LVI 00009 | SV_BNAL5_LVI 00009 | SV_BNAL6_LVI 00010 | SV_BNAL7_LVI 00010 | SV_BNAL8_LVI 00009 | SV_BNAL9_LVI 00008 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1045243/1 | | 8270E | | | | | | | | |
| ICIS 460-1045243/2 | | 8270E | | | | | | 1 mL | | |

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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1045243  Batch Start Date: 06/21/25 10:06  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNAL4_LVI 00009 | SV_BNAL5_LVI 00009 | SV_BNAL6_LVI 00010 | SV_BNAL7_LVI 00010 | SV_BNAL8_LVI 00009 | SV_BNAL9_LVI 00008 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD24 460-1045243/3 IC | | 8270E | | | | | | | | 1 mL |
| STD16 460-1045243/4 IC | | 8270E | | | | | | | 1 mL | |
| STD4 460-1045243/5 IC | | 8270E | | | | | 1 mL | | | |
| STD2 460-1045243/6 IC | | 8270E | | | | 1 mL | | | | |
| STD1 460-1045243/7 IC | | 8270E | | | 1 mL | | | | | |
| STD04 460-1045243/8 IC | | 8270E | | | | | | | | |
| STD02 460-1045243/9 IC | | 8270E | | | | | | | | |
| STD01 460-1045243/10 IC | | 8270E | | | | | | | | |
| STD002 460-1045243/11 IC | | 8270E | | | | | | | | |
| ICV 460-1045243/12 | | 8270E | | | | | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_ICV_ LVI 00012 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1045243/1 | | 8270E | | | | | | | | |
| ICIS 460-1045243/2 | | 8270E | | | | | | | | |
| STD24 460-1045243/3 IC | | 8270E | | | | | | | | |
| STD16 460-1045243/4 IC | | 8270E | | | | | | | | |

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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1045243  Batch Start Date: 06/21/25 10:06  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_ICV_ LVI 00012 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| STD4 460-1045243/5 IC | | 8270E | | | | | | | | |
| STD2 460-1045243/6 IC | | 8270E | | | | | | | | |
| STD1 460-1045243/7 IC | | 8270E | | | | | | | | |
| STD04 460-1045243/8 IC | | 8270E | | | | | | | | |
| STD02 460-1045243/9 IC | | 8270E | | | | | | | | |
| STD01 460-1045243/10 IC | | 8270E | | | | | | | | |
| STD002 460-1045243/11 IC | | 8270E | | | | | | | | |
| ICV 460-1045243/12 | | 8270E | | | 1 mL | | | | | |

| 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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1054842  Batch Start Date: 08/11/25 08:06  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | 8270_3511_L1 00001 | SMDFTP_CH 00037 | SV_BNAL1_LVI 00007 | SV_BNAL2_LVI 00007 | SV_BNAL3_LVI 00009 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1054842/1 | | 8270E | | | 1 mL | | 1 mL | | | |
| ICIS 460-1054842/2 | | 8270E | | | 1 mL | | | | | |
| STD24 460-1054842/3 IC | | 8270E | | | 1 mL | | | | | |
| STD16 460-1054842/4 IC | | 8270E | | | 1 mL | | | | | |
| STD4 460-1054842/5 IC | | 8270E | | | 1 mL | | | | | |
| STD2 460-1054842/6 IC | | 8270E | | | 1 mL | | | | | |
| STD1 460-1054842/7 IC | | 8270E | | | 1 mL | | | | | |
| STD04 460-1054842/8 IC | | 8270E | | | 1 mL | | | | | 1 mL |
| STD02 460-1054842/9 IC | | 8270E | | | 1 mL | | | | 1 mL | |
| STD01 460-1054842/10 IC | | 8270E | | | 1 mL | | | 1 mL | | |
| STD002 460-1054842/11 IC | | 8270E | | | 1 mL | 1 mL | | | | |
| ICV 460-1054842/12 | | 8270E | | | 1 mL | | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNAL4_LVI 00009 | SV_BNAL5_LVI 00009 | SV_BNAL6_LVI 00010 | SV_BNAL7_LVI 00010 | SV_BNAL8_LVI 00009 | SV_BNAL9_LVI 00008 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1054842/1 | | 8270E | | | | | | | | |
| ICIS 460-1054842/2 | | 8270E | | | | | | 1 mL | | |

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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1054842  Batch Start Date: 08/11/25 08:06  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNAL4_LVI 00009 | SV_BNAL5_LVI 00009 | SV_BNAL6_LVI 00010 | SV_BNAL7_LVI 00010 | SV_BNAL8_LVI 00009 | SV_BNAL9_LVI 00008 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD24 460-1054842/3 IC | | 8270E | | | | | | | | 1 mL |
| STD16 460-1054842/4 IC | | 8270E | | | | | | | 1 mL | |
| STD4 460-1054842/5 IC | | 8270E | | | | | 1 mL | | | |
| STD2 460-1054842/6 IC | | 8270E | | | | 1 mL | | | | |
| STD1 460-1054842/7 IC | | 8270E | | | 1 mL | | | | | |
| STD04 460-1054842/8 IC | | 8270E | | | | | | | | |
| STD02 460-1054842/9 IC | | 8270E | | | | | | | | |
| STD01 460-1054842/10 IC | | 8270E | | | | | | | | |
| STD002 460-1054842/11 IC | | 8270E | | | | | | | | |
| ICV 460-1054842/12 | | 8270E | | | | | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_ICV_ LVI 00012 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1054842/1 | | 8270E | | | | | | | | |
| ICIS 460-1054842/2 | | 8270E | | | | | | | | |
| STD24 460-1054842/3 IC | | 8270E | | | | | | | | |
| STD16 460-1054842/4 IC | | 8270E | | | | | | | | |

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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1054842  Batch Start Date: 08/11/25 08:06  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_ICV_ LVI 00012 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| STD4 460-1054842/5 IC | | 8270E | | | | | | | | |
| STD2 460-1054842/6 IC | | 8270E | | | | | | | | |
| STD1 460-1054842/7 IC | | 8270E | | | | | | | | |
| STD04 460-1054842/8 IC | | 8270E | | | | | | | | |
| STD02 460-1054842/9 IC | | 8270E | | | | | | | | |
| STD01 460-1054842/10 IC | | 8270E | | | | | | | | |
| STD002 460-1054842/11 IC | | 8270E | | | | | | | | |
| ICV 460-1054842/12 | | 8270E | | | 1 mL | | | | | |

| 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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1055552  Batch Start Date: 08/14/25 10:57  Batch Analyst: Patel, Nehaben M

Batch Method: 3510C  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ReceivedpH | FirstAdjustpH | SecondAdjustpH | OP_Benzald_sp 00023 |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1055552/1 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |
| LCS 460-1055552/2 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | 5 uL |
| LCSD 460-1055552/3 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | 5 uL |
| 460-332739-E-5 | HHMW-05S2-R | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |
| 460-332739-E-5 MS | HHMW-05S2-R | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | 5 uL |
| 460-332739-E-5 MSD | HHMW-05S2-R | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | 5 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | OP_BNA SPIK 00055 | OP_BNASurroga 00031 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1055552/1 | | 3510C, 8270E | | | | 200 uL | | | | |
| LCS 460-1055552/2 | | 3510C, 8270E | | | 200 uL | 200 uL | | | | |
| LCSD 460-1055552/3 | | 3510C, 8270E | | | 200 uL | 200 uL | | | | |
| 460-332739-E-5 | HHMW-05S2-R | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-5 MS | HHMW-05S2-R | 3510C, 8270E | Water | T | 100 uL | 200 uL | | | | |
| 460-332739-E-5 MSD | HHMW-05S2-R | 3510C, 8270E | Water | T | 100 uL | 200 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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1055552  Batch Start Date: 08/14/25 10:57  Batch Analyst: Patel, Nehaben M

Batch Method: 3510C  Batch End Date:

| Batch Notes | |
|---|---|
| Method/Fraction | 3510C_LVI / 8270E |
| Balance is Level? (Y/N) | yes |
| pH Indicator ID | VWR: HC457151 |
| Analyst ID - Extraction | NP |
| Analyst ID - Spike Analyst | NP |
| Analyst ID - Spike Witness Analyst | SS |
| Sufficient Volume for Batch QC | Yes |
| Acid Used for pH Adjustment ID | FISHER |
| Base Used to Adjust pH ID | VWR: 24H1456377 |
| Prep Solvent ID | FISHER r Dichloromethane: 251820 |
| Prep Solvent Volume Used | 40ml mL |
| Na2SO4 ID | Fisher: 232415 |
| Analyst ID - Concentration | NP |
| Equipment ID - Concentration 1 | N-EVAP: 36337 |
| Thermometer ID - Concentration 1 | N-EVAP: 36337 |
| Concentration 1 Uncorrected Temperature | 35 Degrees C |
| Concentration 1 Corrected Temperature | 35 Degrees C |
| Vial Lot Number | Agilent Technologies: 21046158 |
| Batch Comment | BNA WATER |

| 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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1055555  Batch Start Date: 08/14/25 11:08  Batch Analyst: Patel, Nehaben M

Batch Method: 3510C  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ReceivedpH | FirstAdjustpH | SecondAdjustpH | OP_Benzald_sp 00023 |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1055555/1 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |
| LCS 460-1055555/2 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | 5 uL |
| LCSD 460-1055555/3 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | 5 uL |
| 460-332739-E-1 | HHMW-14 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |
| 460-332739-E-2 | HHMW-19S1 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |
| 460-332739-E-3 | HHMW-13 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |
| 460-332739-E-4 | HHMW-16S1 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |
| 460-332739-E-6 | MW-03 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |
| 460-332739-E-7 | HHMW-18S1 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 6 SU | < 2 SU | > 12 SU | |
| 460-332739-E-8 | HHMW-09S1 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 6 SU | < 2 SU | > 12 SU | |
| 460-332739-E-9 | FB-20250812 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 6 SU | < 2 SU | > 12 SU | |
| 460-332739-E-11 | DUP-01 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 7 SU | < 2 SU | > 12 SU | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | OP_BNA SPIK 00055 | OP_BNASurroga 00031 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1055555/1 | | 3510C, 8270E | | | | 200 uL | | | | |
| LCS 460-1055555/2 | | 3510C, 8270E | | | 200 uL | 200 uL | | | | |
| LCSD 460-1055555/3 | | 3510C, 8270E | | | 200 uL | 200 uL | | | | |
| 460-332739-E-1 | HHMW-14 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-2 | HHMW-19S1 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-3 | HHMW-13 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-4 | HHMW-16S1 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-6 | MW-03 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-7 | HHMW-18S1 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-8 | HHMW-09S1 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-9 | FB-20250812 | 3510C, 8270E | Water | T | | 200 uL | | | | |
| 460-332739-E-11 | DUP-01 | 3510C, 8270E | Water | T | | 200 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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-332739-1

SDG No.:

Batch Number: 1055555  Batch Start Date: 08/14/25 11:08  Batch Analyst: Patel, Nehaben M

Batch Method: 3510C  Batch End Date:

| Batch Notes | |
|---|---|
| Method/Fraction | 3510C_LVI / 8270E |
| Balance is Level? (Y/N) | yes |
| pH Indicator ID | VWR: HC457151 |
| Analyst ID - Extraction | NP |
| Analyst ID - Spike Analyst | NP |
| Analyst ID - Spike Witness Analyst | SS |
| Sufficient Volume for Batch QC | Yes |
| Acid Used for pH Adjustment ID | FISHER |
| Base Used to Adjust pH ID | VWR: 24H1456377 |
| Prep Solvent ID | FISHER r Dichloromethane: 251820 |
| Prep Solvent Volume Used | 40ml mL |
| Na2SO4 ID | Fisher: 232415 |
| Analyst ID - Concentration | NP |
| Equipment ID - Concentration 1 | N-EVAP: 36337 |
| Thermometer ID - Concentration 1 | N-EVAP: 36337 |
| Concentration 1 Uncorrected Temperature | 35 Degrees C |
| Concentration 1 Corrected Temperature | 35 Degrees C |
| Vial Lot Number | Agilent Technologies: 21046158 |
| Batch Comment | BNA WATER |

| 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

**TestAmerica New York City**
47-32 32nd Place
Suite 1141
Long Island City NY 11101-2425
phone 347.507.0579 fax

# Chain of Custody Record

TestAmerica
THE LEADER N ENVIRONMENTAL TESTING

**Regulatory Program** ☐ DW ☐ NPDES ☐ RCRA ☐ Other

**TestAmerica Laboratories, Inc.**

| Client Contact | Project Manager: Chris Morris | Site Contact: Thomas Johansen | Date: 8/12/2025 | COC No: |
|---|---|---|---|---|
| GEI Consultants Inc. P.C. | Tel/Fax: (631) 759-2967 | Lab Contact: Katelyn Connelly | Carrier: Test America | 1 of 1 COCs |
| 1000 New York Ave | Analysis Turnaround Time | | | D Iannotta, P Recchia |
| Huntington Station, NY 11746 | ☐ CALENDAR DAYS ☐ WORKING DAYS | | | For Lab Use Only: |
| (631) 760 - 9300 Phone | TAT if different from Below standard | | | Walk-in Client: |
| (631) 760 9301 FAX | ☐ 2 weeks | | | Lab Sampling: |
| Project Name: National Grid GW Monitoring | ☐ 1 week | | | |
| Site: Halesite | ☐ 2 days | | | Job / SDG No. |
| PO #: 2503970-1.3.4 | ☐ 1 day | | | |

460-332739 Chain of Custody

332739

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix | # of Cont. | Filtered Sample (Y/N) | Perform MS/MSD (Y/N) | BTEX 8260C | PAH +2 Methylnapthalene 8270D | Sample Specific Notes: |
|---|---|---|---|---|---|---|---|---|---|---|
| HHMW-14 | 8/12/25 | 0900 | G | GW | 5 | | | X | X | 1 |
| HHMW-19S1 | | 0900 | | | 5 | | | X | X | 2 |
| HHMW-13 | | 1000 | | | 5 | | | X | X | 3 |
| HHMW-16S1 | | 1055 | | | 5 | | | X | X | 4 |
| HHMW-0552-R | | 1115 | | | 15 | | Y | X | X | MS/MSD 5 |
| MW-03 | | 1205 | | | 5 | | | X | X | 6 |
| HHMW-18S1 | | 1205 | | | 5 | | | X | X | 7 |
| HHMW-09S1 | | 1335 | | | 5 | | | X | X | 8 |
| FB-20250812 | | 1340 | | | 5 | | | X | X | 9 |
| TB-20250812 | | — | | | 2 | | | X | | 10 |
| DUP-01 | | — | | | 5 | | | X | X | 11 |

NO 222

**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:** CAT B REPORT

| Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | | Cooler Temp. (°C) Obs'd. | Corr'd: | Therm ID No.: |
|---|---|---|---|---|---|
| Relinquished by: | Company: GEI Consultants Inc. P.C | Date/Time: 8/13/25 1145 | Received by: | Company: FEDEX | Date/Time: 8/14/25 11:48 |
| Relinquished by: | Company: FedEx | Date/Time: 8/14/25 1700 | Received by: | Company: ECT | Date/Time: 8/13/25 1720 |
| Relinquished by: | Company: ECT | Date/Time: 8/13/25 1915 | Received in Laboratory by: Emily Wolfe | Company: TA | Date/Time: 8/13/25 1915 |

NO OS IR#9 2.4-21



08/18/2025

# Eurofins TestAmerica Edison
## Receipt Temperature and pH Log

Job Number: 332739

Number of Coolers: 1 IR Gun # 9

### Cooler Temperatures

| | RAW | CORRECTED | | RAW | CORRECTED | | RAW | CORRECTED |
|---|---|---|---|---|---|---|---|---|
| Cooler #1: | 2.4 °C | 2.1 °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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

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.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials MM Date: 8/13/25

# Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-332739-1

**Login Number: 332739**
**List Number: 1**
**Creator: Nelson, Rose E**

**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. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |