

2023 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility
Artesia, New Mexico
507 East Richey Avenue

REVIEWED

By Mike Buchanan at 11:15 am, Mar 04, 2025

Artesia, Eddy County, New Mexico

Review of the 2023 Annual Groundwater Monitoring Report for Former Dowell Schlumberger Facility: content satisfactory

1. Continue quarterly visits and operation of groundwater extraction, treatment, and reinjection. Continue O&M as scheduled and needed
2. Collect groundwater sampling as prescribed and approved on a semi-annual schedule for GAC inlet, mid-GAC vessels, and GAC outlet, as well as ground-water monitoring wells.
3. As calendar year 2024 has passed, please update the OCD in the next annual groundwater report on any necessary changes to the system or if it will be in operation.
4. Submit the 2024 annual groundwater report to the OCD by April 1, 2025.

March 2024

Prepared for:

Schlumberger

and



Prepared by:

CH2M HILL Engineers Inc.



Dawn Greening
Remediation Manager

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March 29, 2024

Mr. Michael Bratcher
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: 2023 Annual Groundwater Monitoring Report, Former Dowell Schlumberger Facility,
507 East Richey Avenue, Artesia, Eddy County, New Mexico

Dear Mr. Bratcher,

The 2023 Annual Groundwater Monitoring Report for the Former Dowell Schlumberger Facility in Artesia, Eddy County, New Mexico, incident number NAUTOFSC00114, has been uploaded to the New Mexico Oil Conservation Division's document submittal website.

In addition, effective immediately, Meredith Harris is the Dow Remediation Manager and is replacing the former Dow Remediation Manager, Jim Strunk, for this site. Meredith can be reached by phone at (936) 548-9341 or by email at Mharris8@dow.com.

Should you have any questions regarding the submittal, please contact me at (318) 393-6480. I can also be reached by email at DGreening@slb.com. I look forward to working together with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Dawn Greening", with a long, horizontal, wavy line extending from the end of the signature.

Dawn Greening
Remediation Manager

c:
Meredith Harris/Dow Inc.
Monica Schneider/CH2M HILL Engineers, Inc.
Anne Nea/CH2M HILL Engineers, Inc.
Aleeca Forsberg/CH2M HILL Engineers, Inc.

2023 Annual Groundwater Monitoring Report Former Dowell Schlumberger Facility Artesia, New Mexico

507 East Richey Avenue
Artesia, Eddy County, New Mexico

Prepared for

Schlumberger Technology Corporation and
Dow Inc.

March 2024

Prepared by

CH2M HILL Engineers, Inc.

New Mexico Oil Conservation Division

Approval Signature Page

Name

Title

Agency

Signature

Date

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Acronyms and Abbreviations

bgs	below ground surface
CH2M	CH2M HILL Engineers, Inc.
COC	contaminant of concern
CVOC	chlorinated volatile organic compound
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
Dowell	Dowell Schlumberger Incorporated; a defunct joint venture between Schlumberger Technology Corporation and The Dow Chemical Company
EW	extraction well
GAC	granular activated carbon
gpm	gallon(s) per minute
IJ	injection well
IP	injection point
ISCO	in situ chemical oxidation
mg/L	milligram(s) per liter
MW	monitoring well
NMOCD	New Mexico Oil Conservation Division
NMWQCC	New Mexico Water Quality Control Commission
PCE	tetrachloroethene
site	Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico
STC	Schlumberger Technology Corporation
SVE	soil vapor extraction
TOC	total organic carbon
USEPA	U.S. Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound
ZVI	zero-valent iron

SECTION 1

Introduction

CH2M HILL Engineers, Inc. (CH2M) conducted semiannual groundwater monitoring and ongoing remediation activities at the Former Dowell Schlumberger Facility at 507 East Richey Avenue, Artesia, Eddy County, New Mexico (site) throughout 2023. Dowell Schlumberger Incorporated (Dowell) is a defunct joint venture between Schlumberger Technology Corporation (STC) and Dow Inc. The site was regulated by the New Mexico Oil Conservation Division (NMOCD) under Discharge Permit GW-114 until August 2019, when the *Stage I and Stage II Abatement Plan* (CH2M 2017a) was approved by NMOCD. Figure 1-1 shows the site location, and Figure 1-2 shows the site plan.

The following site activities were completed in 2023 in accordance with the *Stage II Abatement Plan* (CH2M 2017a) and the *Abatement Plan* addendum (CH2M 2019):

- Semiannual groundwater monitoring to assess contaminant of concern (COC) concentrations in the onsite portion of the downgradient plume, 1,1-dichloroethene (1,1-DCE) and tetrachloroethene (PCE) in the offsite portion of the downgradient plume, and the performance of the groundwater extraction, treatment, and reinjection system.
- Maintenance of the groundwater extraction, treatment, and reinjection system, including replacing the granular activated carbon (GAC) in the groundwater treatment system, replacing the extraction well pumps, redeveloping extraction wells EW-03 and EW-04 to maximize groundwater treatment system performance, and repairing telemetry equipment associated with the groundwater treatment system.

This report documents the groundwater monitoring, ongoing remediation, maintenance activities, and sampling results, and presents recommendations for future activities.

SECTION 2

Site Background

This section describes the site and provides an overview of its history, geology, and hydrogeology.

2.1 Site Description and History

The site was used as an oilfield services facility that Dowell operated between 1969 and 1990 and in the early 2000s. Underground storage tanks (USTs) and the acid plant have been decommissioned and removed, but the office, maintenance, and storage buildings remain at the site (Figure 1-2). Operations at the site restarted in October 2018, and the site is currently in use for concrete-blending activities. The remaining property outside the former oilfield services facility fence line is undeveloped except for limited environmental-related infrastructure and an electrical transmission line owned by others.

During the early 1990s, NMOCD assumed responsibility for regulatory oversight of the site. In 1995, a chlorinated volatile organic compound (CVOC) groundwater plume was identified near the Former Wash Bay.

Key activities related to remedial responses were as follows:

- Fuel-related volatile organic compounds (VOCs) and CVOCs were removed from site groundwater and soil surrounding the former USTs, Former Wash Bay, and Former Acid Plant (Figure 1-2) via excavation and installation and operation of soil vapor extraction (SVE) systems in the early 1990s. The SVE systems effectively removed fuel-related VOCs within the vadose zone in the former USTs and the Former Wash Bay. The SVE system at the former USTs was decommissioned in the early 2000s (Western Water Consultants, Inc. 2004). The Former Wash Bay SVE system was decommissioned in 2014 after a soil investigation found no fuel-related VOCs or CVOCs in site soils greater than New Mexico Environment Department regional soil screening levels (CH2M 2014).
- Zero-valent iron (ZVI) was injected in the downgradient portions of the CVOC groundwater plume between 2001 and 2002. The ZVI was difficult to inject, had inconsistent distribution, and resulted in minimal CVOC concentration reduction.
- A groundwater extraction and treatment system was installed and operated adjacent to MW-30 that extracts groundwater, provides treatment via GAC, and then discharges into the ground by gravity at the subsurface infiltration gallery, which is approximately 230 yards upgradient and adjacent to MW-31. The groundwater extraction and treatment system has been operational since December 2008 (Duell 2009) and was upgraded in 2015 to add extraction well EW-03 (CH2M 2016) and in 2017 to add EW-04 (CH2M 2018) near the downgradient end of the plume (defined by MW-28, MW-29, and MW-30). System optimization was initiated in 2019 to increase extraction rates at EW-03 and EW-04 and terminate extraction from wells EW-01 and EW-02 (CH2M 2020). The system continues to operate with optimized extraction rates.
- Sodium permanganate was injected into eight injection wells (IJ-1 through IJ-8; Figure 1-2) 20 feet upgradient of MW-25 (CH2M 2015) in 2014 to accelerate CVOC destruction.
- Sodium and potassium persulfate were injected in 2017 (Phase I) and 2019 (Phase II) to reduce residual CVOC and petroleum hydrocarbon concentrations that were identified in 2016 (CH2M 2017b) near the former SVE systems area to less than the respective New Mexico Water Quality Control Commission (NMWQCC) standards. Figure 1-2 presents the 2017 Phase I injection points (IP-1 through IP-6) and the 2019 Phase II injection wells (IJ-9 through IJ-20).

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- On July 9, 2019, STC, CH2M, and NMOCD met for a site status update, at which time the *Stage I and Stage II Abatement Plan* (CH2M 2017a) was revisited and the 2019 addendum was presented (as summarized in the meeting notes [CH2M 2019]). NMOCD subsequently approved the Stage I and Stage II Abatement Plan, 2019 addendum, which included a proposed update to the source area remedy and revisions to the monitoring network on August 14, 2019. In accordance with New Mexico Administrative Code 19-15-30-10 (2002), *Modification of Abatement Standards*, the abatement standards presented in the *Stage I and II Abatement Plan* (CH2M 2017a) will continue to be used.
- The downgradient plume was delineated as detailed in the *2020 Annual Groundwater Monitoring Report* (CH2M 2021) followed by the installation of two downgradient monitoring wells (MW-39 and MW-40) detailed in the *2021 Annual Groundwater Monitoring Report* (CH2M 2022).
- As detailed in the *2022 Annual Groundwater Monitoring Report* (CH2M 2023), carbon substrate (LactOil) was injected into injection wells IJ-09 through IJ-20 (Figure 1-2) in the in situ chemical oxidation (ISCO) injection area in July 2022 to facilitate biodegradation of 1,1-dichloroethane (1,1-DCA), which was not treated by ISCO. Injections were completed as recommended in the *2021 Annual Groundwater Monitoring Report* (CH2M 2022) and approved by NMOCD in an email dated May 13, 2022.

2.2 Geology and Hydrogeology

Sitewide lithology consists of fine-grained silts and lean to fat clays with intermittent stringers of caliche from 15 to 30 feet below ground surface (bgs) (CH2M 2017b). Groundwater at the site is partially confined and has been observed in the caliche stringers at depths from 20 to 30 feet bgs. Static water levels range between 14 and 24 feet bgs at the site, and groundwater flow direction is generally to the north–northeast. Regional geology and hydrogeology are detailed in the *Stage I Abatement Plan* (CH2M 2017a).

SECTION 3

2023 Site Activities

The section reviews the groundwater monitoring activities, groundwater extraction and treatment system operations, and waste management.

3.1 Groundwater Monitoring Activities

Semiannual groundwater monitoring was conducted in April and October 2023. The monitoring wells included in the semiannual groundwater monitoring are presented in Table 3-1. A subset of the semiannual groundwater sampling locations (MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38) were also used to monitor the ISCO/carbon substrate injection performance parameters. This section discusses the groundwater gauging and sampling.

3.1.1 Groundwater Gauging

As summarized in Table 3-1, depth-to-water and total well depth were measured at 23 monitoring wells in April 2023 and 22 monitoring wells in October 2023. Access was not granted by the property owner to measure depth-to-water at MW-32 in October 2023. Depth-to-water was measured prior to groundwater sample collection; total well depth was measured following sample collection to minimize suspension of solids that may have accumulated at the bottom of the well.

3.1.2 Semiannual ISCO (and Carbon Substrate) Injection Area Performance Monitoring Groundwater Sampling

As summarized in Table 3-1, groundwater samples were collected from the six monitoring wells in the ISCO (and carbon substrate) injection area in April and October 2023 using low-flow sampling methods in accordance with U.S. Environmental Protection Agency (USEPA) low-flow sampling guidance (2002). A peristaltic pump equipped with tubing dedicated to each well was used for purging and sampling the monitoring wells.

Field parameters (temperature, pH, conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential) were measured during purging activities, with the measurements recorded onto groundwater sampling field data sheets (Appendix A). Purging continued until the field parameters stabilized. After the parameters stabilized, aliquots of groundwater were transferred directly from the pump discharge into the appropriate laboratory-supplied, preserved sample containers.

The sample containers were then properly labeled, placed into an ice-cooled chest, and shipped to the laboratory under chain-of-custody documentation for analysis: the project-specific list of VOCs (1,1-DCE, 1,1-DCA, naphthalene, benzene, and PCE) by USEPA Method 8260D, *Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry*; the sulfate by USEPA Method 300.0, *Determination of Inorganic Anions by Ion Chromatography*; and the total organic carbon (TOC) by Standard Method 5310C, *Persulfate-Ultraviolet or Heated-Persulfate Oxidation Method*.

3.1.3 Semiannual Downgradient Area Groundwater Sampling

As summarized in Table 3-1, groundwater samples were collected from 7 downgradient monitoring wells in April 2023 and 10 downgradient monitoring wells in October 2023 using HydraSleeves. HydraSleeves were installed in the monitoring wells immediately prior to sample collection in accordance with NMOCD guidance. Upon recovery of the HydraSleeve from each monitoring well, aliquots of groundwater were transferred directly from the HydraSleeve into the appropriate laboratory-supplied, preserved sample containers.

The sample containers were then properly labeled, placed into an ice-cooled chest, and shipped to the laboratory under chain-of-custody documentation for analysis of a project-specific list of VOCs by USEPA Method 8260D, *Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry*. Apart from offsite monitoring wells MW-35, MW-39, and MW-40, the project-specific list of VOCs includes 1,1-DCE, 1,1-DCA, naphthalene, benzene, and PCE. Groundwater samples from MW-35, MW-39, and MW-40 were submitted for analysis for 1,1-DCE and PCE only, per the access agreement with the property owner.

Annual samples were not collected at MW-32 in 2023. Although verbal approval was received from the new property owner to measure depth-to-water during the April 2023 sampling event, access was declined for sample collection in October 2023. During telephone conversations with the owners on May 31, June 2, September 20, and October 2, 2023, the owner told the project manager that they would sign the access agreement but then refused to sign on October 2, 2023.

3.2 Groundwater Extraction and Treatment Operations

Groundwater extraction, treatment, and reinjection system operations included the following components during 2023:

- Operations and maintenance
- GAC performance monitoring
- Documentation of system flow rates
- Quarterly system inspections and maintenance
- Extraction well rehabilitation

3.2.1 Operations and Maintenance

The groundwater extraction, treatment, and reinjection system operated when not shut down because of maintenance, unexpected power outages, and unintentional shutdowns, which were predominantly caused by system electrical issues. Various electrical components (such as modems and electrical relays) were replaced at times throughout the year, with some components requiring shipment back to the manufacturer for repair. The system runtime was 50 percent in 2023 primarily because it did not operate between April and October. The system resumed operation after an electrical relay and both extraction well pumps were replaced in October.

When operational, a daily email report was generated and sent to the project team. The receipt of the daily email, including alarms or upset conditions, confirms the connectivity and functionality of the system.

3.2.2 Granular Activated Carbon Performance Monitoring

Water samples were collected from the GAC inlet, mid-GAC, and GAC outlet in April and submitted for laboratory analysis of 1,1-DCE, 1,1-DCA, naphthalene, benzene, and PCE by USEPA Method 8260D. Water samples were not collected from the GAC inlet, mid-GAC, and GAC outlet in October because the groundwater extraction, treatment, and reinjection system was not operational. In October, the GAC vessels were drained, and the GAC in the lead vessel was replaced. System valving was then adjusted so that the lag vessel became the lead vessel and the vessel containing the new GAC became the lag vessel. GAC changeout services were provided by TetraSOLV Filtration.

3.2.3 Documentation of System Flow Rates

The system was operated to optimize groundwater extraction based on the capture-zone analysis recommendations presented in the *2019 Annual Groundwater Monitoring Report, Former Dowell*

Schlumberger Facility, Artesia, New Mexico (CH2M 2020). Optimized operations included extraction wells EW-03 and EW-04 at target flow rates between 8 to 10 gallons per minute (gpm) and 11 to 13 gpm, respectively. Based on the flow totalizer, approximately 5.13 million gallons of groundwater were extracted, treated, and reinfiltrated in 2023. The average extraction rates at the extraction wells in 2023 were 9.1 gpm at EW-03 and 11.2 gpm at EW-04, meeting the target flow rate criteria.

3.2.4 Quarterly System Inspections and Maintenance

During the periodic maintenance site visits throughout 2023, extraction well flow rates and the combined outflow were measured, and the system was inspected to identify potential leaks and/or upset conditions. The system cartridge filters were replaced in April but not in October because the groundwater extraction, treatment, and reinjection system was not operational between April and October.

3.2.5 Extraction Well Rehabilitation

Extraction wells EW-03 and EW-04 were rehabilitated by chemical treatment in April and October 2023 to reduce the growth of iron-reducing bacteria. Rehabilitation included brushing and swabbing the extraction well casing and screen to physically remove the bacterial deposits, removing debris using a bailer, and placing NuWell chemical solution into the screened interval of the extraction well via tremie pipe. After the NuWell chemical solution was placed, the extraction well screen and sand pack were swabbed and surged. The NuWell chemical solution was then left in the extraction well screen and sand pack overnight. The following day, the extraction well screen and sand pack were swabbed again, surged, and bailed to remove debris that had accumulated overnight. Groundwater and NuWell chemical solutions bailed from EW-03 and EW-04 during rehabilitation activities were temporarily contained in 55-gallon steel drums then transferred to the groundwater extraction and treatment system for treatment and re-infiltration. Extraction well rehabilitation activities were conducted by Talon/LPE.

3.3 Waste Management

Waste generated from groundwater sampling and system maintenance activities, including consumable materials (such as used personal protective equipment), was containerized in 55-gallon drums temporarily stored within the fenced site. Used GAC was transported offsite by the GAC contractor (TetraSOLV Filtration) for regeneration.

Groundwater and decontamination water generated during sampling activities were containerized and transferred to the groundwater extraction and treatment system for treatment and re-infiltration.

SECTION 4

Results and Discussion

This section presents the 2023 groundwater elevations and hydraulic gradient, semiannual groundwater sampling results, and groundwater treatment system sampling results.

4.1 Groundwater Elevations and Hydraulic Gradient

Figures 4-1 and 4-2 show the April and October 2023 potentiometric maps. Table 4-1 presents 2023 groundwater elevation data. As shown on Figure 4-1, operation of the groundwater extraction, treatment, and reinjection system caused mound near the gravity infiltration trench. A similar mound is not shown on Figure 4-2 because the groundwater extraction, treatment, and reinjection system was not operational for several months prior to and during the October 2023 sampling event. Because the April depth-to-water measurement for monitoring well MW-8 and the October depth-to-water measurements for monitoring wells MW-28 and MW-29 were inconsistent with historical data, the data were not used to develop the potentiometric surface maps (Figures 4-1 and 4-2). Aside from monitoring wells MW-28 and MW-29, the groundwater elevations measured in April and October were consistent with historical results.

The groundwater gradients for the April and October events were 0.0051 foot per foot and 0.0042 foot per foot, respectively. Overall, groundwater in April and October flowed north-northeast in the downgradient portion of the plume. In the ISCO (and carbon substrate) injection area, groundwater flow was to the northeast in April and to the north in October, consistent with historical results.

4.2 Semiannual Groundwater Sampling Results

Table 4-2 summarizes the 2023 groundwater monitoring analytical results, which are compared with the NMWQCC standards, as defined in the approved Abatement Plan (CH2M 2017a). Figures 4-3, 4-4, and 4-5 present concentrations in groundwater for 1,1-DCA, benzene, and 1,1-DCE, respectively. As applicable, the extent of the NMWQCC standard exceedance is shown as an isopleth line on each figure. Appendix A includes copies of the performance monitoring field data sheets, which document field parameters measured during low-flow purging of the monitoring wells in the ISCO (and carbon substrate) injection area (MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38). Figures are not prepared for sulfate and TOC concentrations in the ISCO injection area because those constituents are not COCs, and samples are collected to monitor the effectiveness of the remedial action (ISCO and carbon substrate injections). Appendix B includes laboratory analytical reports and data validation checklists.

4.2.1 ISCO (and Carbon Substrate) Injection Area

1,1-DCA and benzene were the only COCs detected at concentrations that exceeded their respective NMWQCC standards in the ISCO (and carbon substrate) injection area. Though not a COC, sulfate concentrations exceeded its NMWQCC standard in the ISCO (and carbon substrate) injection area. TOC concentrations increased between the April and October sampling events. Key sampling results are discussed below and summarized in Table 4-2:

- Only the 1,1-DCA concentrations at monitoring well MW-38 exceeded the NMWQCC standard of 0.025 milligram per liter (mg/L) in April and October (Figure 4-3). Although still greater than its NMWQCC standard in October (0.0552 mg/L), the 1,1-DCA concentration decreased from 0.102 mg/L in April.

- The benzene concentration at monitoring well MW-37 exceeded the NMWQCC standard of 0.01 mg/L in April (0.0154 mg/L), but decreased to less than the NMWQCC standard in October (0.0113 mg/L) (Figure 4-4).
- Sulfate concentrations exceeded the NMWQCC standard of 600 mg/L at monitoring wells MW-11, MW-12, MW-17C, MW-36, and MW-38 in April and October. Sulfate concentrations, which naturally exceed the NMWQCC standard, with an average baseline concentration of 2,302 mg/L (CH2M 2018), have fluctuated since the pilot-scale (Phase I) ISCO application because of the slow release of persulfate from the potassium persulfate. However, likely because of sulfate reduction from the carbon substrate injection, especially around monitoring wells MW-37 and MW-38, the average 2023 sulfate concentration was 1,728 mg/L, approximately 30 percent less than in 2022 (2,407 mg/L).
- TOC concentrations at monitoring wells MW-11 (0.795 J to 1.09 mg/L), MW-36 (0.745 J to 16.5 mg/L), MW-37 (11.4 to 27.2 mg/L), and MW-38 (4.1 to 11.3 mg/L) increased between April and October 2023, suggesting that carbon substrate from the summer 2022 injections remains in the aquifer and is still facilitating treatment.

4.2.2 Downgradient Area

1,1-DCE was the only COC detected at concentrations that exceeded its NMWQCC standards in the downgradient area. 1,1-DCE concentrations for the downgradient plume monitoring wells are summarized in Table 4-2 and shown in Figure 4-5.

1,1-DCE concentrations exceeded the NMWQCC standard of 0.005 mg/L at monitoring well MW-35 in April (0.0128 mg/L) and October (0.0134 mg/L). The 1,1-DCE concentrations at monitoring wells MW-28 (less than the sample quantitative limit of 0.000738 to 0.00134 mg/L) and MW-30 (0.000931 J to 0.000952 J mg/L) increased slightly from April to October 2023. 1,1-DCE concentrations at the two farthest downgradient monitoring wells, MW-39 and MW-40, remain less than the NMWQCC standard and less than the sample quantitative limit, respectively. Although the pump-and-treat system did not operate between April and October 2023, the 1,1-DCE concentration at MW-39 decreased from April to October (0.00455 to 0.00263 mg/L).

4.3 Groundwater Treatment System Sampling Results

Table 4-3 presents the groundwater extraction and treatment system performance monitoring analytical results. In April 2023, COC concentrations were less than the respective NMWQCC standards at the three treatment system sampling points.

SECTION 5

Recommendations

5.1 Performance Monitoring at the ISCO (and Carbon Substrate) Injection Area

Performance monitoring in the ISCO (and carbon substrate) injection area will continue semiannually in April and October 2024, concurrent with the semiannual groundwater monitoring events described in Section 5.2. Performance monitoring will be performed at monitoring wells MW-11, MW-12, MW-17C, MW-36, MW-37, and MW-38. Samples will be analyzed for COCs, sulfate, and TOC to monitor groundwater geochemistry and COC concentrations in response to the LactOil injections and to assess whether the sulfate concentrations return to baseline conditions.

5.2 Semiannual Groundwater Monitoring

The groundwater monitoring program will continue semiannually in April and October 2024 at monitoring wells MW-28, MW-29, MW-30, MW-31, MW-35, MW-39, and MW-40 and annually (in October 2024) at monitoring wells MW-22, MW-25, and MW-34 per NMOCD approval of the 2020 *Annual Groundwater Monitoring Report* (CH2M 2021). Samples will be analyzed for the site COCs except for monitoring wells MW-35, MW-39, and MW-40, which will be analyzed for 1,1-DCE and PCE only. The 2024 depth-to-water measurements at monitoring wells MW-28 and MW-29 will be used to evaluate whether the October 2023 results were anomalous as discussed in Section 4.1.

Given access has not been provided by the property owner, removal of monitoring well MW-32 from the sampling program is recommended because COC concentrations have been less than their respective NMWQCC data since 2013 and nearby monitoring wells MW-26 and MW-30 (Figure 1-2) are used to develop the potentiometric surface maps.

5.3 Operation and Maintenance of the Groundwater Extraction and Treatment System

The groundwater extraction, treatment, and reinjection system will continue to operate. Operations will include automated daily system monitoring and notifications by email. During system operations, quarterly site visits will continue to maintain the groundwater extraction and treatment system; additional site visits will be conducted as necessary to evaluate and repair upset conditions. Semiannually, water samples will be collected from the GAC inlet, mid-GAC vessels, and GAC outlet to assess treatment system performance. These data will be used to assess when GAC replacement is needed.

Analytical data collected in April 2024 will be used to assess whether the groundwater extraction and treatment system should continue to operate. If 1,1-DCE concentrations at MW-35, MW-39, and MW-40 are less than the NMWQCC standard in April 2024, the groundwater extraction and treatment system will be shut off. If 1,1-DCE concentrations at MW-35, MW-39, and MW-40 remain less than the NMWQCC standard in October 2024, the groundwater extraction and treatment system will remain off, and 2 years of quarterly monitoring will begin in January 2024.

However, the groundwater extraction and treatment system will remain operational if 1,1-DCE concentrations at MW-35, MW-39, or MW-40 exceed the NMWQCC standard in April 2024. Additionally,

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if the groundwater extraction and treatment system is off and concentrations of 1,1-DCE in downgradient area wells exceed the NMWQCC standard in October 2024, the system will be returned to operation.

SECTION 6

References

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Tables

Table 3-1. Groundwater Gauging and Sampling Summary

2023 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

Well Number	Groundwater Elevation and Total Monitoring Well Depth Measurements		Semiannual Groundwater Sampling ^a (USEPA Method 8260D)		Semiannual ISCO (and Carbon Substrate) Injection Area Performance Monitoring Groundwater Sampling ^b (USEPA Methods 8260D and 300.0 and SM 5310C)	
	April	October	April	October	April	October
MW-8	X	X				
MW-11	X	X			X	X
MW-12	X	X			X	X
MW-15	X	X				
MW-17C	X	X			X	X
MW-18	X	X				
MW-20	X	X				
MW-21	X	X				
MW-22	X	X		X		
MW-25	X	X		X		
MW-26	X	X				
MW-28	X	X	X	X		
MW-29	X	X	X	X		
MW-30	X	X	X	X		
MW-31	X	X	X	X		
MW-32	X	*				
MW-34	X	X		X		
MW-35	X	X	X	X		
MW-36	X	X			X	X
MW-37	X	X			X	X
MW-38	X	X			X	X
MW-39	X	X	X	X		
MW-40	X	X	X	X		

Notes:

^a Samples included in the semiannual groundwater monitoring were collected via HydraSleeves.^b Samples included in the ISCO performance monitoring were collected using low-flow sampling methods.

* Depth-to-water and total well depth not measured in October because access was not granted by the property owner.

ISCO = in situ chemical oxidation

SM = Standard Method

X = indicates that well was sampled and/or measured for groundwater elevation and total depth

USEPA = U.S. Environmental Protection Agency

Table 4-1. Groundwater Elevation Data–2023

2023 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

Well Number	Date	Total Depth (ft btoc)	Top of Casing Elevation (ft amsl)	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)
MW-8	4/18/2023	35.35	3359.53	17.23	3342.30*
	10/3/2023	33.60		23.60	3335.93
MW-11	4/19/2023	30.35	3356.27	17.55	3338.72
	10/3/2023	30.65		20.00	3336.27
MW-12	4/18/2023	25.80	3356.51	17.40	3339.11
	10/3/2023	26.66		20.00	3336.51
MW-15	4/19/2023	32.60	3357.69	17.40	3340.29
	10/3/2023	32.65		20.05	3337.64
MW-17C	4/18/2023	62.30	3356.55	17.55	3339.00
	10/3/2023	63.24		19.90	3336.65
MW-18	4/18/2023	30.10	3356.71	18.54	3338.17
	10/3/2023	30.60		21.10	3335.61
MW-20	4/18/2023	25.00	3359.12	21.96	3337.16
	10/3/2023	24.90		24.70	3334.42
MW-21	4/18/2023	25.70	3356.89	18.89	3338.00
	10/3/2023	25.50		22.50	3334.39
MW-22	4/18/2023	25.69	3355.18	18.09	3337.09
	10/3/2023	25.50		19.90	3335.28
MW-25	4/18/2023	26.95	3355.67	19.13	3336.54
	10/3/2023	27.20		20.50	3335.17
MW-26	4/18/2023	27.40	3354.20	16.88	3337.32
	10/3/2023	27.50		18.30	3335.90
MW-28	4/18/2023	27.98	3355.93	21.57	3334.36
	10/3/2023	28.00		20.80	3335.13*
MW-29	4/18/2023	27.25	3355.06	21.25	3333.81
	10/3/2023	27.00		20.00	3335.06*
MW-30	4/18/2023	27.84	3354.61	18.85	3335.76
	10/3/2023	27.70		20.10	3334.51
MW-31	4/18/2023	30.40	3356.38	18.67	3337.71
	10/3/2023	28.80		21.30	3335.08
MW-32	4/18/2023	38.87	3354.54	17.90	3336.64
	NM	NM		NM	NM
MW-34	4/18/2023	34.62	3356.28	20.59	3335.69
	10/3/2023	34.40		22.20	3334.08
MW-35	4/18/2023	28.20	3352.91	20.20	3332.71
	10/3/2023	28.00		21.05	3331.86
MW-36	4/18/2023	25.40	3356.60	17.30	3339.30
	10/3/2023	25.80		19.85	3336.75
MW-37	4/18/2023	25.25	3356.89	17.00	3339.89
	10/3/2023	25.25		19.45	3337.44
MW-38	4/19/2023	25.10	3356.78	17.30	3339.48
	10/3/2023	25.00		19.70	3337.08
MW-39	4/18/2023	26.73	3352.98	21.85	3331.13
	10/3/2023	26.60		22.60	3330.38
MW-40	4/18/2023	29.00	3352.89	22.61	3330.28
	10/3/2023	28.90		23.40	3329.49

Notes:

* Due to inconsistencies with historical data, the water levels from April (MW-8) and October (MW-28 and MW-29) were not considered when developing the potentiometric surface.

ft amsl = feet above mean sea level

ft btoc = feet below top of casing

ID = identification

NM = not measured (access not granted by the property owner)

Table 4-2. Summary of Groundwater Analytical Results--2023

2023 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

Former Dow Chemical Facility, Artesia, El Dorado County, New Mexico								
	COMPOUND	1,1-DCA	1,1-DCE	Benzene	Naphthalene	Sulfate	PCE	TOC
	UNITS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NMWQCC STANDARDS	0.025	0.005	0.01	0.03	600	0.02	NE
WELL NUMBER	SAMPLE DATE							
ISCO (and Carbon Substrate) Injection Area								
MW-11	4/19/2023	< 0.000635	< 0.000738	< 0.000533	< 0.00135	2750	< 0.000801	0.795 J
	10/4/2023	0.00208	< 0.000738	< 0.00046	< 0.00135	2490	< 0.000655	1.09
MW-12	4/18/2023	0.0227	< 0.000738	0.00167	0.00166 J	2490	< 0.000801	1.33
	10/4/2023	0.0159	< 0.000738	< 0.00046	< 0.00135	2380	< 0.000655	1.22
MW-17C	4/18/2023	< 0.000635	< 0.000738	< 0.000533	< 0.00135	2340	< 0.000801	7.01
	10/3/2023	< 0.000635	< 0.000738	< 0.00046	< 0.00135	2370	< 0.000655 J	0.611 J
MW-36	4/18/2023	0.0165	< 0.000738	0.00642	< 0.00135	2140	0.0058	0.745 J
	10/3/2023	0.0172	< 0.000738	0.00753	< 0.00135	1760	0.00229	16.5
MW-37	4/19/2023	0.00496	0.00117	0.0154	0.00314 J	58.9	0.00202	11.4
	10/3/2023	0.000683 J	< 0.000738	0.0113	0.00471 J	78.6	0.00101	27.2
MW-38	4/19/2023	0.102	0.00167	0.00481	0.00153 J	1550	0.00191	4.1
	10/4/2023	0.0552	< 0.000738	0.00258	0.00167 J	971	0.000921 J	11.3
Downgradient Area								
MW-22	10/4/2023	< 0.000635	< 0.000738	< 0.00046	< 0.00135	--	0.000703 J	--
MW-25	10/4/2023	< 0.000635	< 0.000738	< 0.00046	< 0.00135	--	0.000703 J	--
MW-28	4/18/2023	< 0.000635	< 0.000738	< 0.000533	< 0.00135	--	0.00388	--
	10/4/2023	0.000959 J	0.00134	< 0.00046	< 0.00135	--	0.00177	--
MW-29	4/18/2023	0.00256	0.0054	< 0.000533	< 0.00135	--	0.0114	--
	10/4/2023	0.00225	0.00435	< 0.00046	< 0.00135	--	0.00851	--
	4/18/2023	< 0.000635	0.000931 J	< 0.000533	< 0.00135	--	0.0012	--
MW-30	10/3/2023	< 0.000635	0.000952 J	< 0.00046	< 0.00135	--	0.00129	--
	4/18/2023	0.0025	< 0.000738	< 0.000533	< 0.00135	--	< 0.000801	--
MW-31	10/4/2023	0.00207	< 0.000738	< 0.00046	< 0.00135	--	< 0.000655	--
	10/3/2023	< 0.000635	< 0.000738	< 0.00046	< 0.00135	--	< 0.000655	--
MW-34	4/18/2023	--	0.0128	--	--	--	0.0168	--
MW-35	10/3/2023	--	0.0134	--	--	--	0.0146	--
	4/18/2023	--	0.00455	--	--	--	0.00875	--
MW-39	10/3/2023	--	0.00263	--	--	--	0.00687	--
	4/18/2023	--	< 0.000738	--	--	--	< 0.000801	--
MW-40	10/3/2023	--	< 0.000738	--	--	--	< 0.000655	--

Notes:

Analytical methods used include USEPA Method 8260D (VOCs), USEPA Method 300.0 (anions), and Standard Method SM5310C (TOC).

Detected results are shown in bold font.

Results exceeding NMWQCC Standards are shown in bold font and shaded. Results that do not exceed the NMWQCC Standards at the same number of significant figures as the screening level are not shaded.

< = chemical not detected at a concentration above the instrument detection limit

-- = Sample not collected for listed analyte.

1,1-DCA = 1,1-dichloroethane

1,1-DCE = 1,1-dichloroethene

ISCO = in situ chemical oxidation

J = chemical detected at concentration above instrument detection limit but below method detection limit

mg/L = milligram(s) per liter

NE = NMWQCC standard not established for this chemical

NMWQCC = New Mexico Water Quality Control Commission

PCE = tetrachloroethene

TOC = total organic carbon

USEPA = U.S. Environmental Protection Agency

VOC = volatile organic compound

Table 4-3. GAC Analytical Results–2023

2023 Annual Groundwater Monitoring Report

Former Dowell Schlumberger Facility, Artesia, Eddy County, New Mexico

COMPOUND		1,1-DCA	1,1-DCE	Benzene	Naphthalene	PCE
UNITS		mg/L	mg/L	mg/L	mg/L	mg/L
NMWQCC STANDARDS		0.025	0.005	0.01	0.03	0.02
SAMPLE LOCATION	SAMPLE DATE					
GAC INLET	4/18/2023	0.00148	0.00481	< 0.000533	< 0.00135	0.00565
MID-GAC	4/18/2023	0.00208	0.00305	< 0.000533	< 0.00135	< 0.000801
GAC OUTLET	4/18/2023	0.00274	< 0.000738	< 0.000533	< 0.00135	< 0.000801

Notes:

Analytical method used is USEPA Method 8260D (VOCs).

Detected results are shown in bold font.

< = chemical not detected at a concentration above the instrument detection limit

1,1-DCA = 1,1-dichloroethane

1,1-DCE = 1,1-dichloroethene

GAC = granular activated carbon

mg/L = milligram(s) per liter

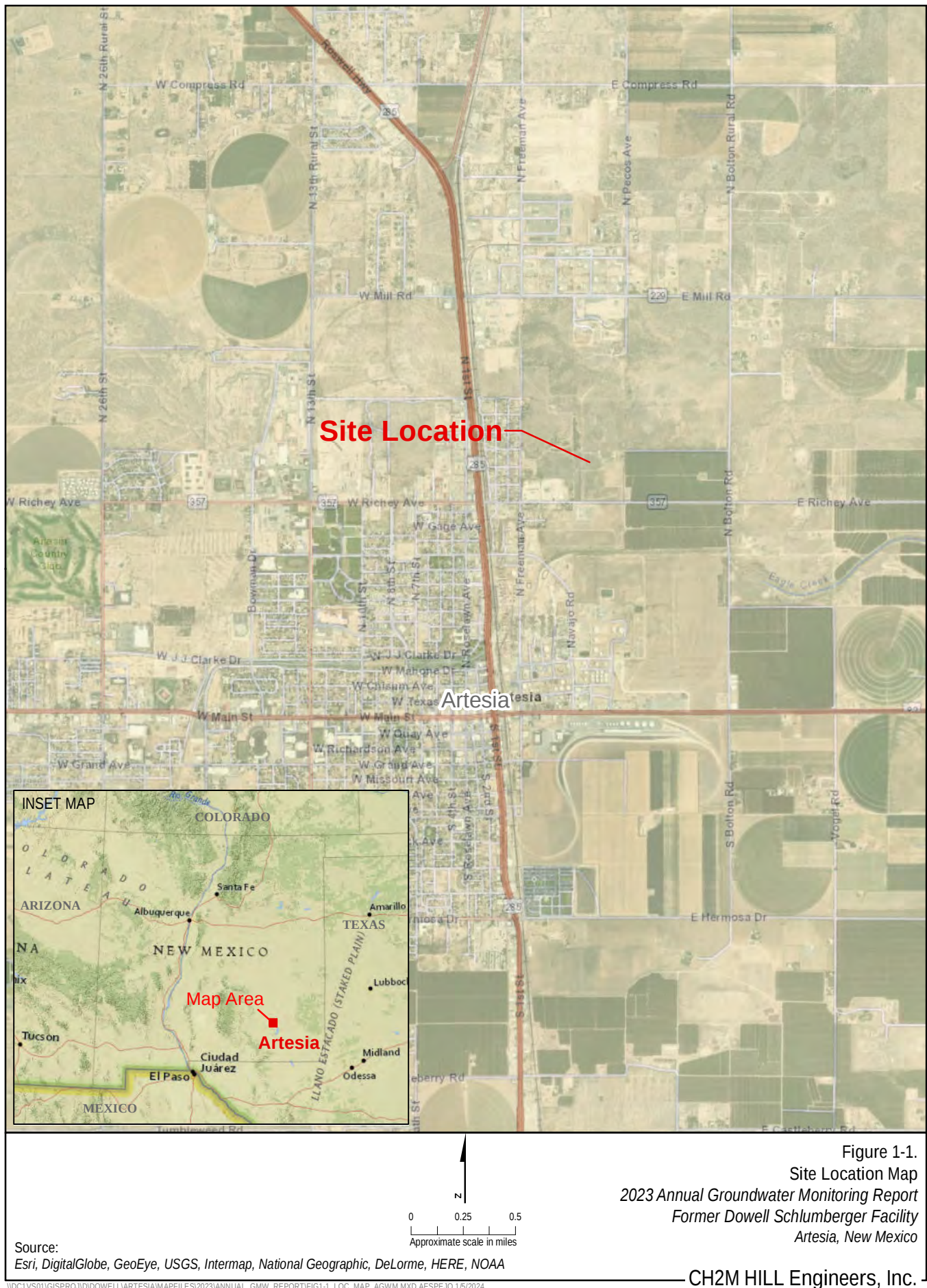
NMWQCC = New Mexico Water Quality Control Commission

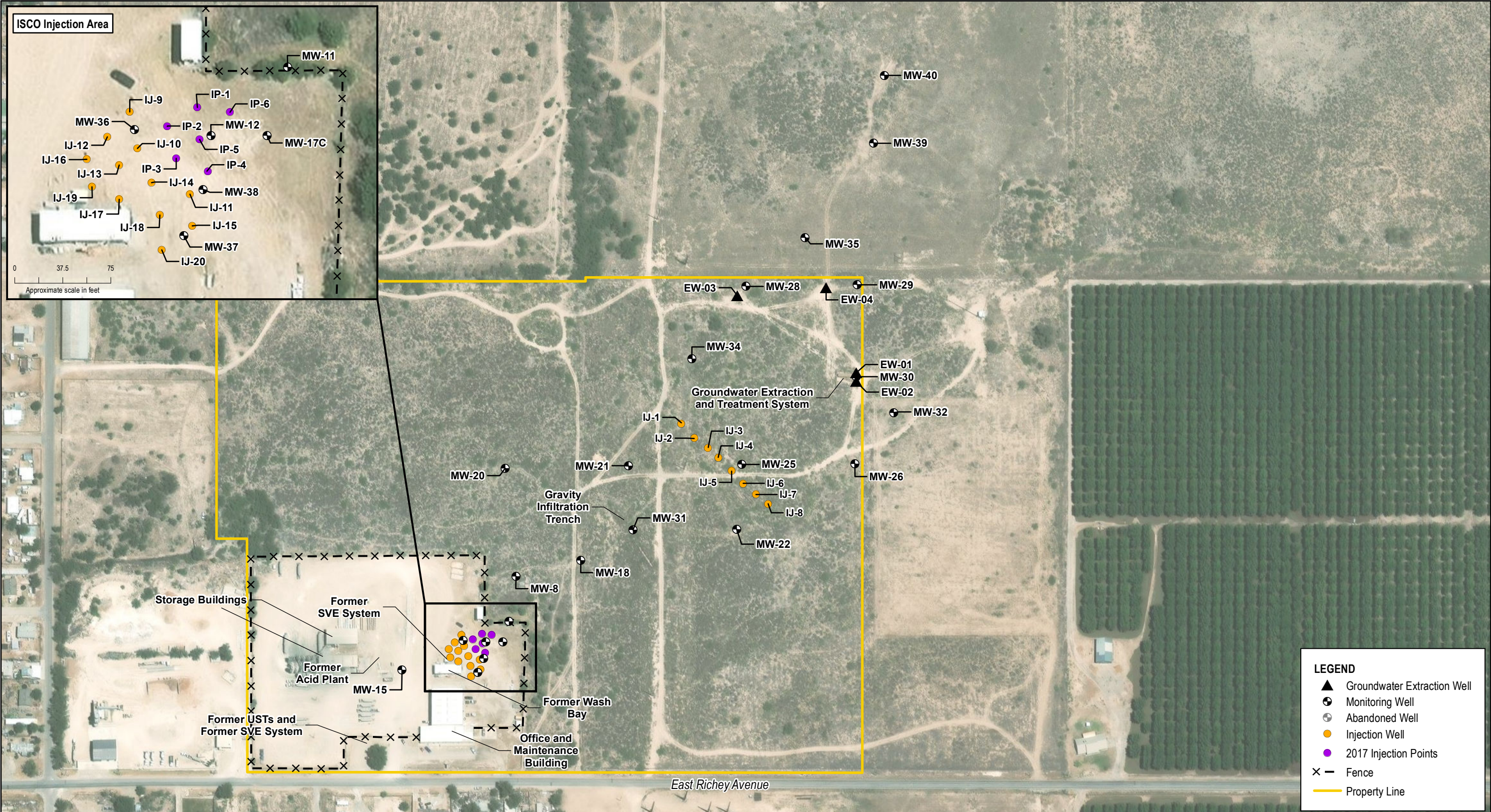
PCE = tetrachloroethene

USEPA = U.S. Environmental Protection Agency

VOC = volatile organic compound

Figures

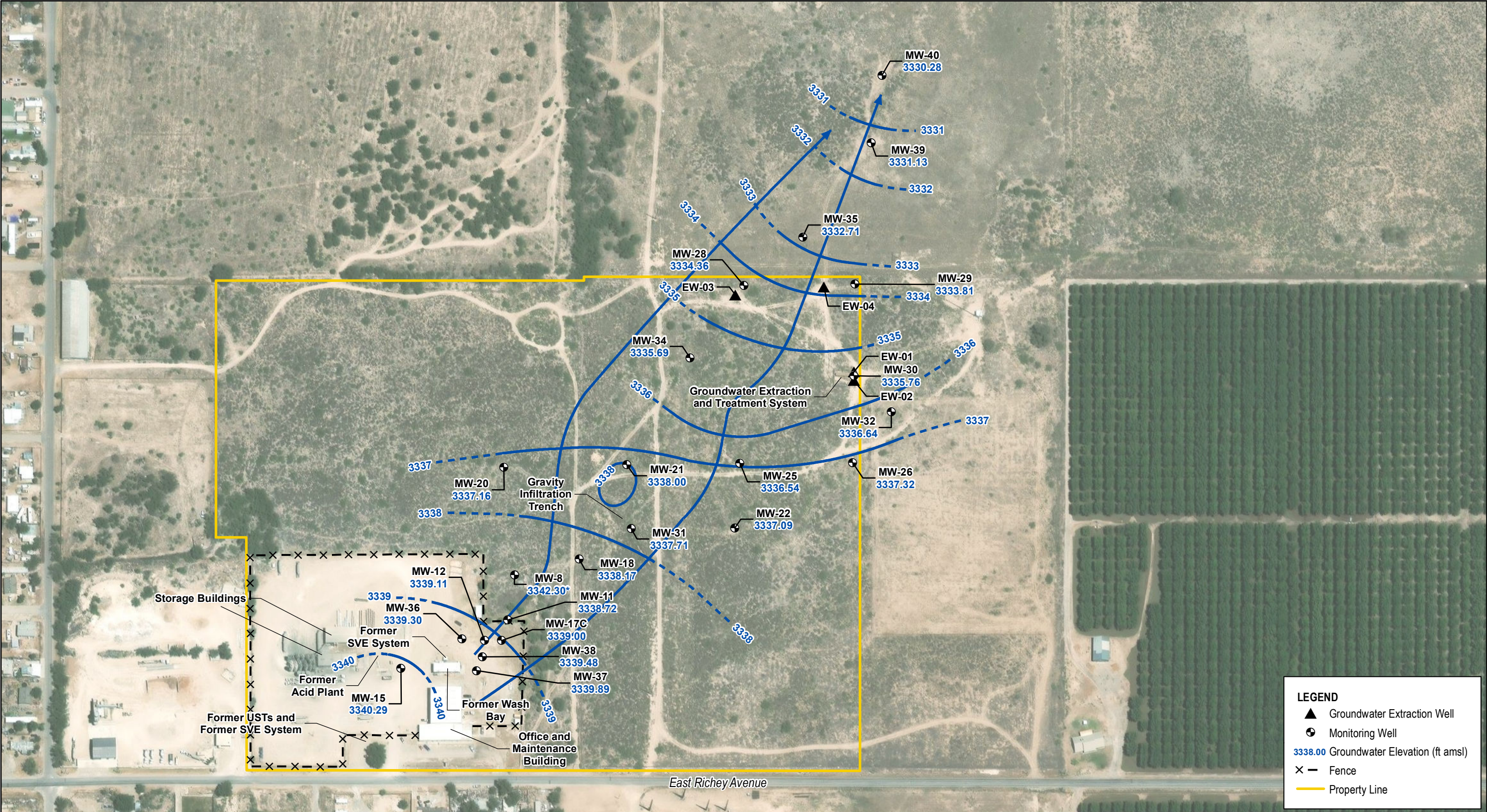




Acronyms:
ISCO = in situ chemical oxidation
SVE = soil vapor extraction
UST = underground storage tank

Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Aorbis DS, USGS, AeroGRID, IGN, and the GIS User Community

Figure 1-2.
Site Plan
2023 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico
CH2M HILL Engineers, Inc.



Note:
* = Due to inconsistencies with historical data, the water level was not considered when developing the potentiometric surface.

Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USGS, AeroGRID, IGN, and the GIS User Community

Acronyms:
ft amsl = feet above mean sea level
SVE = soil vapor extraction
UST = underground storage tank

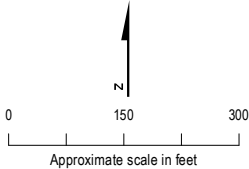
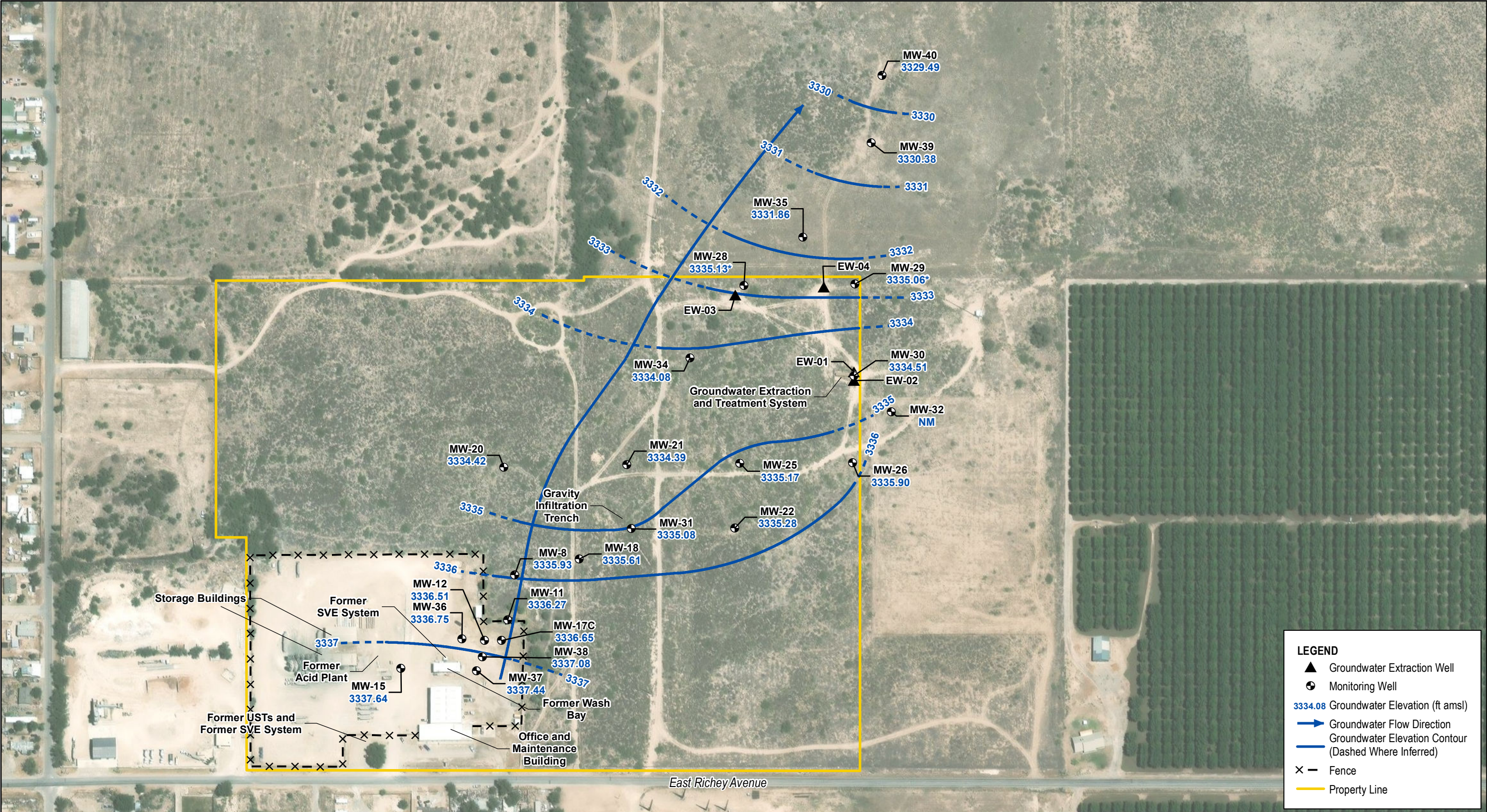


Figure 4-1.
Potentiometric Surface Map - April 2023
2023 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico
CH2M HILL Engineers, Inc.

\\DC1VS01\GIS\PROJECTS\ARTESIA\MAPFILES\2023\ANNUAL_GMW_REPORT\FIG4-1_POTSURF_APR2023_AGWM.MXD AESPEJO 3/19/2024



Note:
* = Due to inconsistencies with historical data, the water level was not considered when developing the potentiometric surface.

Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, AeroGRID, IGN, and the GIS User Community

Acronyms:
ft amsl = feet above mean sea level
NM = not measured
SVE = soil vapor extraction
UST = underground storage tank

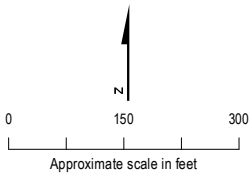
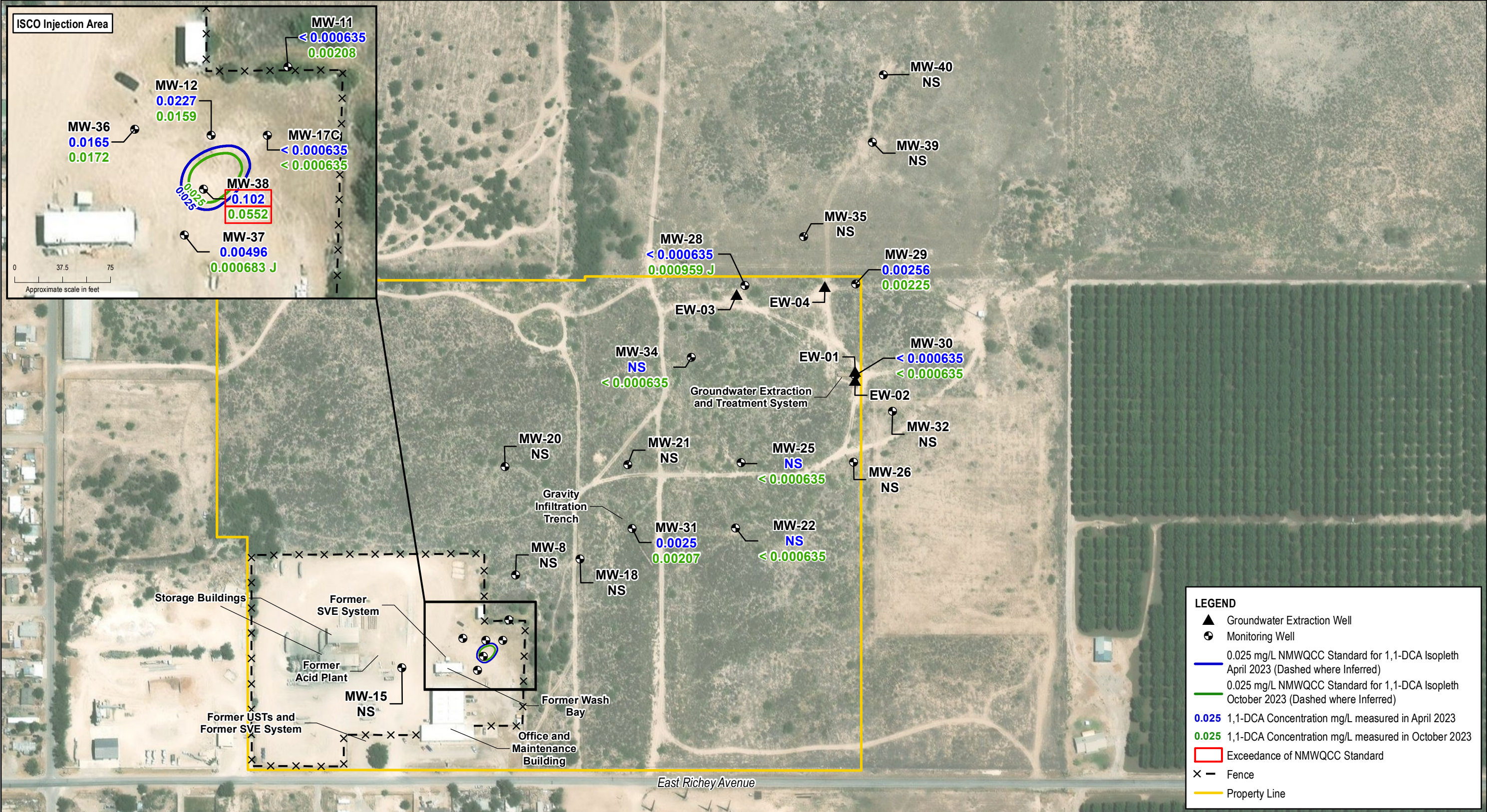


Figure 4-2.
Potentiometric Surface Map - October 2023
2023 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico
CH2M HILL Engineers, Inc.

\\DC1VS01\GIS\PROJECTS\DOVELL\ARTESIA\MAPFILES\2023\ANNUAL_GMW_REPORT\FIG4-2_POTSURF_OCT2023_AGWM.MXD AESPEJO 3/19/2024



Notes:
< = analyte not detected at concentration above detection limit shown
J = Result is less than the reporting limit but greater or equal to the method detection limit and the concentration is an approximate value.
NMWQCC standard for 1,1-DCA is 0.025 mg/L. Results not exceeding the NMWQCC Standard at two significant figures are not considered exceedances.

Acronyms:
1,1-DCA = 1,1-dichloroethane
ISCO = in situ chemical oxidation
mg/L = milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
NS = not sampled

SVE = soil vapor extraction
UST = underground storage tank

Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USGS, AeroGRID, IGN, and the GIS User Community

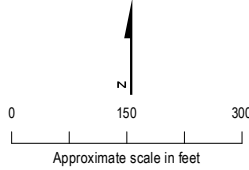
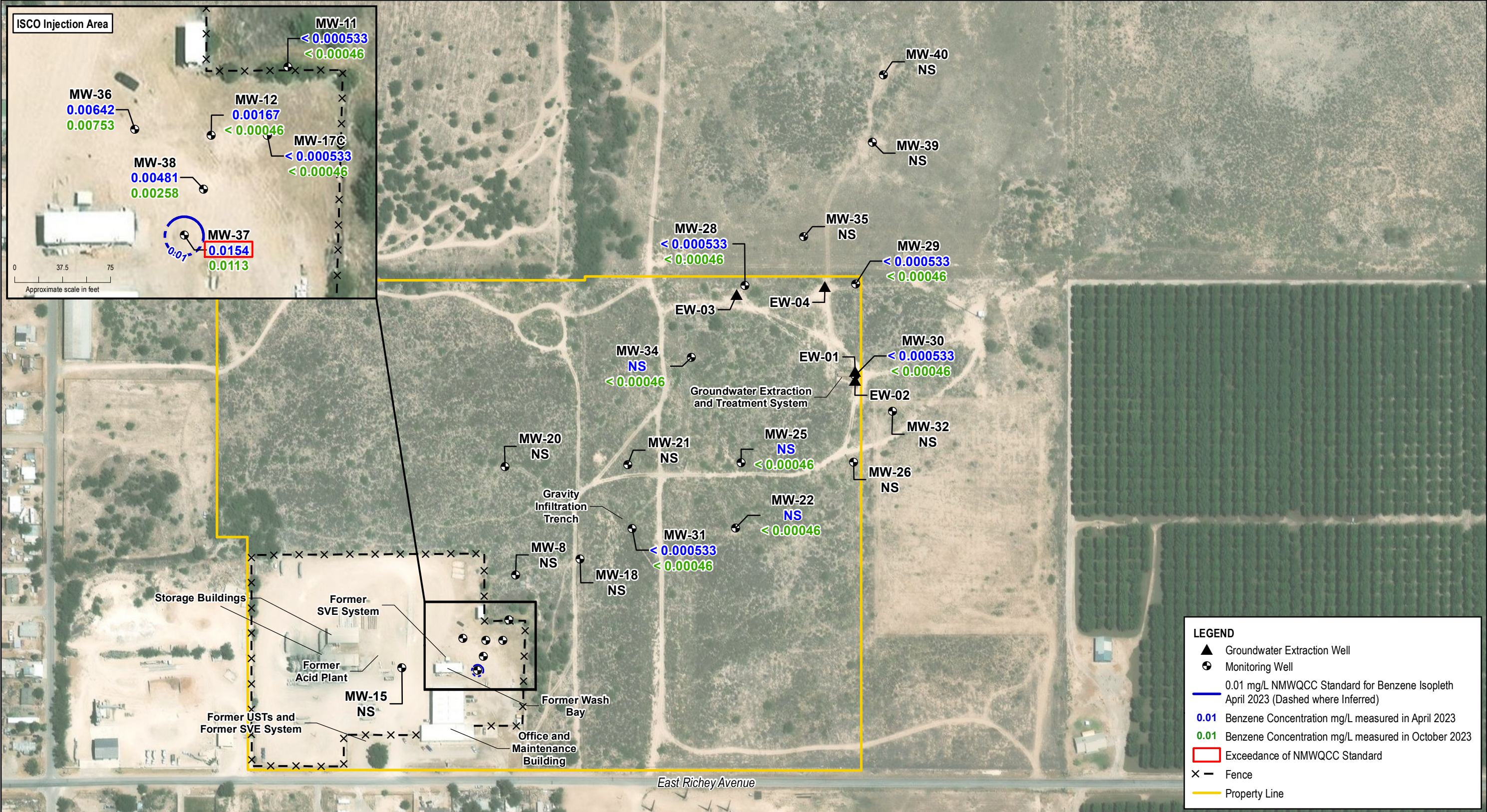
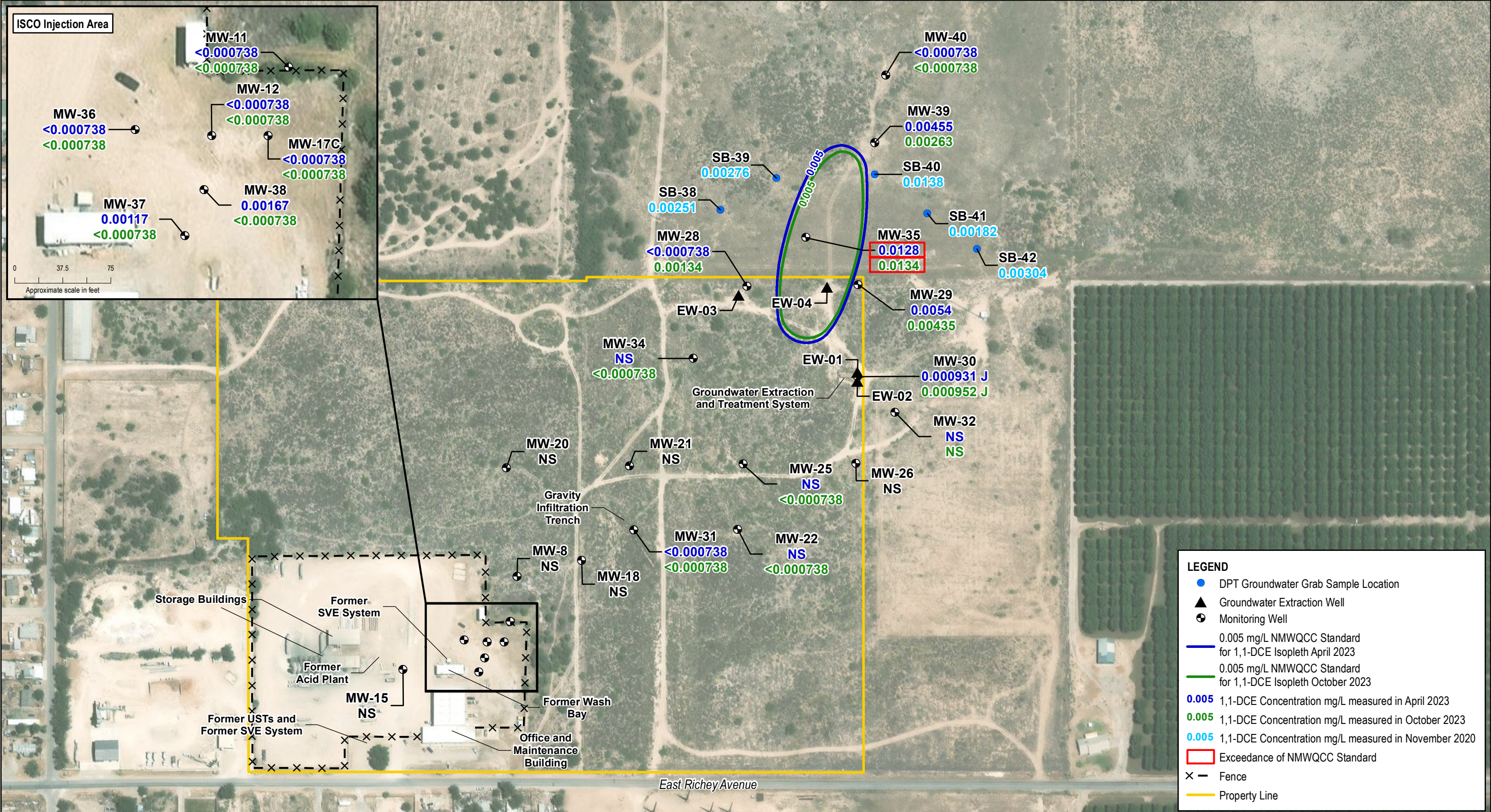


Figure 4-3.
Concentration Map for 1,1-DCA – 2023
2023 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico
CH2M HILL Engineers, Inc.

\\DC1VS01\GIS\PROJECTS\DOVELL\ARTESIA\MAPFILES\2023\ANNUAL_GMW_REPORT\FIG4-3_ISOCN_DCA_2023_AGWM.MXD AESPEJO 3/20/2024



\\DC1VS01\GIS\PROJECTS\DOVELL\ARTESIA\MAPFILES\2023\ANNUAL_GMW_REPORT\FIG4-4_ISOCN_BZ_2023_AGWM.MXD AESPEJO 3/20/2024



Notes:
Figure presents select November 2020 groundwater grab sample results to provide the basis for the closed isopleths for 1,1-DCE. November 2020 groundwater grab sampling and downgradient delineation is described in the approved 2020 Annual Groundwater Monitoring Report, Former Dowell Schlumberger Facility, Artesia, New Mexico (CH2M, 2021).
<= analyte not detected at concentration above detection limit shown
J = Result is less than the reporting limit but greater or equal to the

method detection limit and the concentration is an approximate value.
NMWQCC standard for 1,1-DCE is 0.005 mg/L.
Results not exceeding the NMWQCC Standard at one significant figure are not considered exceedances.
Source:
Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USGS, AeroGRID, IGN, and the GIS User Community

Acronyms:
1,1-DCE = 1,1-dichloroethene
DPT = direct push technology
ISCO = in situ chemical oxidation
mg/L = milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
NS = not sampled
SVE = soil vapor extraction
UST = underground storage tank

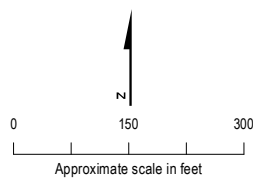


Figure 4-5.
Concentration Map for 1,1-DCE – 2023
2023 Annual Groundwater Monitoring Report
Former Dowell Schlumberger Facility
Artesia, New Mexico
CH2M HILL Engineers, Inc.

Appendix A

Performance Monitoring Field Data Sheets

[illegible]

WATER
LEVEL
17.65
17.60
17.61
17.70
17.70
17.70
17.70

 CH2MHILL	PROJECT NUMBER	WELL ID A MW-17C	DATE 4/18/23					
	GROUNDWATER SAMPLING FIELD DATA SHEET							
PROJECT: Former Dowell Schlumberger Facility, Artesia, NM		LOCATION: Artesia, New Mexico						
WEATHER (wind/temp/ppt): NO WIND, 80°F, NO PPT		OTHER NOTABLE FIELD CONDITIONS: NONE						
INITIAL ORGANIC VAPOR METER READINGS: 0 ppm								
INITIAL DEPTH TO WATER: 17.55'		TOTAL DEPTH OF WELL: 62.3'						
PURGE VOLUME CALCULATION: X								
METHOD OF PURGING: Peristaltic Pump								
DISPOSITION OF DISCHARGE WATER: into onsite P&T system								
MONITORING EQUIPMENT USED: HONDA U-52								
Well Purging Information								
Time	Total volume (gals)	Temp (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	% DO	mV ORP	Remarks (color, odor, sheen, sediment, etc.)
11:27	0.33	22.34	6.69	2.86	34.1	25.4	135	CLEAR, NO SED
11:32	0.5	22.77	6.73	2.81	9.5	6.9	135	"
11:37	0.66	22.48	6.69	2.80	8.2	3.1	138	"
11:42	1	22.28	6.65	2.81	5.0	1.1	141	"
11:47	1.20	22.57	6.64	2.79	3.7	0.5	144	"
11:50	1.40	22.48	6.61	2.79	3.6	0.6	146	"
11:57	1.60	22.50	6.61	2.82	3.8	0.0	145	"
12:03		22.00	6.60	2.82	2.7	0.0	146	"
STABLE								
Sample Information								
SAMPLE DATE: 4/18/23		SAMPLE TYPE: grab			SAMPLE MATRIX: GW			
SAMPLING PERSONNEL: mjf		SPLIT SAMPLES OBTAINED BY:						
SAMPLING METHOD: LOW FLOW		SAMPLE TEMP/pH/EC/TURB/DO:			See measurements above			
SAMPLE ID(s): ARTESIA-S6E BELOW ARTESIA-MW17C-DH28		DUPLICATE/BLANK SAMPLE ID(s): N/A						
NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):								
Sample ID	Sample Time	Sample Containers No./Volume/Type	Preservatives (ice, acids, etc.)	Analytical Method	Laboratory			
ARTESIA-MW17C-DH28	12:05	3 40 mL VOA	HCl	VOL	EuroFINS			
"	"	2 40 mL AMOGL	H ₂ PO ₄	TOC	"			
"	"	1 250 mL POLY	ICE	SULFATE	"			

Initials of sampling personnel

MJE

WATER
LEVEL
17.9
18.4
18.55
18.55
18.60
18.60
18.65
18.70
18.70

[illegible]

[illegible]

GWSample-PurgeForms_template.xlsx

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GWSample-PurgeForms_template.xlsx

	PROJECT NUMBER D3662204 A.CS.EV.AR-23-05-02	WELL ID 17c	Purge Date: 10-03-2023
GROUNDWATER SAMPLING FIELD DATA SHEET			
PROJECT: Former Dowell Schlumberger Facility, Artesia, NM		LOCATION: Artesia, NM	
WEATHER (wind/temp/ppt): 73° sunny		OTHER NOTABLE FIELD CONDITIONS:	
INITIAL ORGANIC VAPOR METER READINGS:			
INITIAL DEPTH TO WATER: 19.9		TOTAL DEPTH OF WELL: 63.23	
PURGE VOLUME CALCULATION:			
METHOD OF PURGING (circle): <u>peristaltic pump</u> submersible pump			
DISPOSITION OF DISCHARGE WATER: into onsite tank and run through GAC treatment			
MONITORING EQUIPMENT USED: Horiba U-52			

Well Purging Information

Date	Total volume (gals)	Water Level (ft btoe)	Temp (°C)	pH	Turbidity (NTU)	Conductivity (mS/cm)	DO (mg/L)	ORP (millivolts)	Remarks (color, odor, sheen, sediment, etc.)
Time		<= 0.33 ft	+/- 1	+/- 10%	10% or <10 NTU	+/-3%	10% or <0.5 mg/L	+/- 10%	Stabilization parameters
1145	0.1	19.92	22.86	4.81	0.0	3.88	0.77	105	clear
1150	0.3	20.00	22.58	4.83	0.0	3.87	0.56	100	"
1155	0.5	20.01	22.69	4.84	0.0	3.89	0.60	102	"
1200	0.75	20.10	20.92	4.85	0.0	3.95	0.60	107	"
1205	1.00	20.99	20.80	4.87	0.0	3.91	0.50	108	"
1210	1.30	20.10	20.09	6.31	0.0	3.98	0.58	110	"
1215	1.35	20.11	19.16	6.30	0.0	3.98	0.56	111	"
1220	1.40	20.13	18.96	6.29	0.0	3.95	0.44	112	"
1225	1.50	20.12	18.94	6.29	0.0	3.94	0.40	109	"
1230	sampled								
4/10/03/2023									

Sample Information

SAMPLE DATE: 10/03/2023	SAMPLE TYPE: grab	SAMPLE MATRIX: groundwater
SAMPLING PERSONNEL: Sydney C		
SAMPLING METHOD:	SAMPLE TEMP/pH/EC/TURB/DO: see last entry, above	
SAMPLE ID(s): Artesia-MW17c-100323	DUPLICATE/BLANK SAMPLE ID(s): Artesia-MW17c-100323RD	
NOTABLE OBSERVATIONS (color, odor, sand, headspace, etc.):		

Sample ID	Sample Time	Sample Containers No.	Preservatives (ice, acids, bases, others)	Analytical Method	Laboratory
Subsorb	1230	1 40ml VOA	HCl	VOC	Eurofins
		2 40ml VOA	H ₂ PO ₄	TOC	" "
		1 250ml Poly	Ice	Sulfate	" "

Initials of sampling personnel

SC

Released to Imaging: 3/4/2025 11:33:45 AM

SC

GWSample-PurgeForms_template.xlsx

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SC

GWSample-PurgeForms_template.xlsx

Appendix B

Laboratory Analytical Reports and Data Validation Checklists

Data Usability Review: Data Package				
Client Name:	Dowell Artesia	Project Number:	D3662204 A.CS.EV.AR.23-05-03	
Project / Affected Property:	1H2023 Groundwater	Project Manager:	Aleeca Forsberg/ABQ	
Laboratory:	Eurofins Houston	Lab SDG # / Job #:	860-47477-1	
Reviewer:	John Ynfante/HOU			
Level of Review / Validation:	Level 3			
ITEM	YES	NO	N/A	COMMENTS
Laboratory Data Package Signature Page included?	☒	☐	☐	
Date of sample collection included?	☒	☐	☐	
Sample receipt temperature $\leq 6^{\circ}$ C?	☒	☐	☐	2.2°C and 3.6°C
Signed COCs included?	☒	☐	☐	
Field ID included?	☒	☐	☐	
Laboratory ID included?	☒	☐	☐	
Date of analysis included?	☒	☐	☐	
Date of sample preparation included?	☒	☐	☐	
Detection levels included?	☒	☐	☐	
Method reference included?	☒	☐	☐	
Sample matrix included?	☒	☐	☐	
Sample results included?	☒	☐	☐	
Case narrative included, where required?	☒	☐	☐	
Definitions: AA - Atomic Absorption; %D - Percent Difference; ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative Percent Difference; RRT - Relative Retention Time; RSD - Relative Standard Deviation.				
COMMENTS				
VOCs: No DV flags applied				
Sulfate and TOC: No DV flags applied				

Data Usability Review: VOCs (GC/MS), SW-846 8260C					
Client Name:		Dowell Artesia		Project Number: D3662204 A.CS.EV.AR.23-05-03	
Project / Affected Property:		1H2023 Groundwater		Project Manager: Aleeca Forsberg/ABQ	
Laboratory:		Eurofins Houston		Lab SDG # / Job #: 860-47477-1	
Reviewer:		John Ynfante/HOU			
Level of Review / Validation: Level 3					
ITEM	YES	NO	N/A	COMMENTS	
Preparatory/analytical holding time met?	☒	☐	☐		
Surrogate data included in lab package?	☒	☐	☐		
%R criteria met? (use limits listed below or specify lab limits). Reject %R <10%.	☒	☐	☐		
R5 Method blank data included in Lab Package?	☒	☐	☐		
Criteria met?	☒	☐	☐	Artesia-TB-01-0423 and MBs all ND	
QC check samples/LCS data included in lab package?	☒	☐	☐	LCS/LCSD	
%R criteria met? (specified limits)	☒	☐	☐		
Matrix spike data included in lab package?	☒	☐	☐	860-47477-25MS/MSD	
%R criteria met? (laboratory specified limits)	☐	☒	☐		
RPD criteria met? (< 20% water, <50% soil)	☒	☐	☐		
Initial calibration documentation included in lab package?	☒	☐	☐		
RF criteria met for SPCC? RRF <0.05 rejected.	☒	☐	☐		
%RSD criteria met for CCC? (<30% RSD for CCC, >15% RSD must have fit)	☒	☐	☐		
Calibration verification data included in lab package?	☒	☐	☐		
RF criteria met for SPCC? RRF <0.05 rejected.	☒	☐	☐		
%D criteria met for CCC? (20% Max, Qualify >25%D)	☒	☐	☐		
Instrument Tune documentation included in lab package?	☒	☐	☐		
Instrument Tune Criteria met?	☒	☐	☐		
Internal standard data included in lab package?	☒	☐	☐		
Area within limits? (within -50% to +100% of last calibration check?)	☒	☐	☐		
RRT within limits? (<30 sec. Difference from last calibration check?)	☒	☐	☐		
Surrogates	Control Limits		Lab Limits?		
1,2-Dichloroethane-d4	water 80-120%, soil 80-120%				
Dibromofluoromethane	water 86-118%, soil 80-120%				
Toluene-d8	water 88-110%, soil 81-117%				
4-Bromofluorobenzene	water 86-115%, soil 74-121%				
Notes:					
* SPCC: chloromethane (0.1); 1,1-dichloroethane (0.1); bromoform (0.1); chlorobenzene (0.3); and 1,1,2,2-tetrachloroethane (0.3).					
Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P					
COMMENTS					
MS: 860-47477-25MS recoveries for analytical batch 860-100341 recovered high for naphthalene but it passed in the MSD, LCS, and MS/MSD RPD so no flags were applied.					
FD: RPDs acceptable between samples Artesia-MW-31-0423 & Artesia-MW-11-0423 and their field duplicates Artesia-MD-31-0423 & Artesia-MW-11-0423-FD.					
CC: The continuing calibration verification (CCV) associated with batch 860-100341 recovered above the upper control limit for Naphthalene. Naphthalene was not detected in the associated samples so no flags were applied					

Data Usability Review: Sulfate (EPA 300) and TOC (5310C)					
Client Name:	Dowell Artesia	Project Number:	D3662204 A.CS.EV.AR.23-05-03		
Project / Affected Property:	1H2023 Groundwater	Project Manager:	Aleeca Forsberg/ABQ		
Laboratory:	Eurofins Houston	Lab SDG # / Job #:	860-47477-1		
Reviewer:	John Ynfante/HOU				
Level of Review / Validation:	Level 3				
ITEM	YES	NO	N/A	COMMENTS	
Preparatory/analytical holding time met?	☒	☐	☐		
Method blank data included in Lab Package?	☒	☐	☐		
Criteria met? (<MQL)	☒	☐	☐		
QC check samples/LCS data included in lab package?	☒	☐	☐	LCS/LCSD	
%R criteria met?	☒	☐	☐		
Matrix spike data included in lab package?	☒	☐	☐		
%R criteria met? (AA/ICP 75-125%, Hg 85-115%)	☒	☐	☐		
Sample duplicate data included in lab package?	☒	☐	☐		
RPD criteria met? (RPD < 20%)	☒	☐	☐		
Initial calibration documentation included in lab package?	☒	☐	☐		
Calibration verification data included in lab package?	☒	☐	☐		
%R criteria met? (Initial 90-110%)	☒	☐	☐		
Notes:					
Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P					
COMMENTS					
DL: HPLC/IC Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: Artesia-MW-38-0423 (860-47477-13), Artesia-MW-11-0423 (860-47477-18), Artesia-MW-12-0423 (860-47477-23), Artesia-MW-36-0423 (860-47477-26), and Artesia-MW-17C-0423 (860-47477-29). Elevated reporting limits (RLs) are provided.					

Data Usability Review: Data Package				
Client Name:	Dowell Artesia	Project Number:	D3662204 A.CS.EV.AR.23-05-03	
Project / Affected Property:	2H2023 Groundwater	Project Manager:	Aleeca Forsberg/ABQ	
Laboratory:	Eurofins Houston	Lab SDG # / Job #:	860-58730-1	
Reviewer:	John Ynfante/HOU			
Level of Review / Validation:	Level 3			
ITEM	YES	NO	N/A	COMMENTS
Laboratory Data Package Signature Page included?	☒	☐	☐	
Date of sample collection included?	☒	☐	☐	
Sample receipt temperature $\leq 6^{\circ}$ C?	☒	☐	☐	1.7 deg C
Signed COCs included?	☒	☐	☐	
Field ID included?	☒	☐	☐	
Laboratory ID included?	☒	☐	☐	
Date of analysis included?	☒	☐	☐	
Date of sample preparation included?	☒	☐	☐	
Detection levels included?	☒	☐	☐	
Method reference included?	☒	☐	☐	
Sample matrix included?	☒	☐	☐	
Sample results included?	☒	☐	☐	
Case narrative included, where required?	☒	☐	☐	
Definitions: AA - Atomic Absorption; %D - Percent Difference; ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative Percent Difference; RRT - Relative Retention Time; RSD - Relative Standard Deviation.				
COMMENTS				
VOCs: UJ (MS)				
Sulfate and TOC: No DV flags applied				

Data Usability Review: VOCs (GC/MS), SW-846 8260D					
Client Name:		Dowell Artesia		Project Number: D3662204 A.CS.EV.AR.23-05-03	
Project / Affected Property:		2H2023 Groundwater		Project Manager: Aleeca Forsberg/ABQ	
Laboratory:		Eurofins Houston		Lab SDG # / Job #: 860-58730-1	
Reviewer:		John Ynfante/HOU			
Level of Review / Validation: Level 3					
ITEM	YES	NO	N/A	COMMENTS	
Preparatory/analytical holding time met?	☒	☐	☐		
Surrogate data included in lab package?	☒	☐	☐		
%R criteria met? (use limits listed below or specify lab limits). Reject %R <10%.	☒	☐	☐		
R5 Method blank data included in Lab Package?	☒	☐	☐		
Criteria met?	☒	☐	☐		
QC check samples/LCS data included in lab package?	☒	☐	☐	LCS/LCSD	
%R criteria met? (specified limits)	☒	☐	☐		
Matrix spike data included in lab package?	☒	☐	☐		
%R criteria met? (laboratory specified limits)	☐	☒	☐		
RPD criteria met? (< 20% water, <50% soil)	☒	☐	☐		
Initial calibration documentation included in lab package?	☒	☐	☐		
RF criteria met for SPCC? RRF <0.05 rejected.	☒	☐	☐		
%RSD criteria met for CCC? (<30% RSD for CCC, >15% RSD must have fit)	☒	☐	☐		
Calibration verification data included in lab package?	☒	☐	☐		
RF criteria met for SPCC? RRF <0.05 rejected.	☒	☐	☐		
%D criteria met for CCC? (20% Max, Qualify >25%D)	☒	☐	☐		
Instrument Tune documentation included in lab package?	☒	☐	☐		
Instrument Tune Criteria met?	☒	☐	☐		
Internal standard data included in lab package?	☒	☐	☐		
Area within limits? (within -50% to +100% of last calibration check?)	☒	☐	☐		
RRT within limits? (<30 sec. Difference from last calibration check?)	☒	☐	☐		
Surrogates	Control Limits		Lab Limits?		
1,2-Dichloroethane-d4	water 80-120%, soil 80-120%				
Dibromofluoromethane	water 86-118%, soil 80-120%				
Toluene-d8	water 88-110%, soil 81-117%				
4-Bromofluorobenzene	water 86-115%, soil 74-121%				
Notes:					
* SPCC: chloromethane (0.1); 1,1-dichloroethane (0.1); bromoform (0.1); chlorobenzene (0.3); and 1,1,2,2-tetrachloroethane (0.3).					
Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P					
COMMENTS					
TB: No target VOCs detected in trip blank ARTESIA-TB01-051023.					
FD: Precision values between ARTESIA-MW17C-100323 and field duplicate ARTESIA-MW17C-100323-FD were within acceptance criteria.					
FD: Precision values between ARTESIA-MW35-100323 and field duplicate ARTESIA-MD35-100323 were within acceptance criteria.					
MS: Tetrachloroethene recovered slightly low in 860-58730-19 MS in analytical batch 860-125417 at 70% (71-125), with no MSD performed. A second MS/MSD for the project recovered all analytes within control limits. The ND result for PCE in the parent sample ARTESIA-MW17C-100323-FD and ARTESIA-MW17C-100323 were flagged as UJ.					

Data Usability Review: Sulfate (EPA 300.0) and TOC (5310C)					
Client Name:		Dowell Artesia		Project Number: D3662204 A.CS.EV.AR.23-05-03	
Project / Affected Property:		2H2023 Groundwater		Project Manager: Aleeca Forsberg/ABQ	
Laboratory:		Eurofins Houston		Lab SDG # / Job #: 860-58730-1	
Reviewer:		John Ynfante/HOU			
Level of Review / Validation:		Level 3			
ITEM		YES	NO	N/A	COMMENTS
	Preparatory/analytical holding time met?	☒	☐	☐	
	Method blank data included in Lab Package?	☒	☐	☐	
	Criteria met? (<MQL)	☒	☐	☐	
	QC check samples/LCS data included in lab package?	☒	☐	☐	LCS/LCSD
	%R criteria met?	☒	☐	☐	
	Matrix spike data included in lab package?	☒	☐	☐	
	%R criteria met? (AA/ICP 75-125%, Hg 85-115%)	☒	☐	☐	
	Sample duplicate data included in lab package?	☒	☐	☐	
	RPD criteria met? (RPD < 20%)	☒	☐	☐	
	Initial calibration documentation included in lab package?	☒	☐	☐	
	Calibration verification data included in lab package?	☒	☐	☐	
	%R criteria met? (Initial 90-110%)	☒	☐	☐	
Notes:					
Definitions: AA - Atomic Absorption; %D - Percent Difference, ICP - Inductively Coupled Plasma; IDL - Instrument Detection Limit; MDL - Method Detection Limit; MQL - Method Quantitation Limit; %R - Percent Recovery; RF - Response Factor; RPD - Relative P					
COMMENTS					
No DV flags applied					



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Aleeca Forsberg
Jacobs Engineering Group, Inc.
3721 Rutledge Rd NE
Suite B-1
Albuquerque NM 87109

Generated 5/9/2023 3:20 PM

JOB DESCRIPTION

Dowell - Artesia

JOB NUMBER

860-47477-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

Eurofins Houston

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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5/9/2023 3:20 PM

Authorized for release by
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Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Qualifiers

GC/MS VOA

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

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Job Narrative
860-47477-1**Receipt**

The samples were received on 4/21/2023 10:16 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.2°C and 3.6°C

GC/MS VOA

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-100341 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-100341 recovered above the upper control limit for Naphthalene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-100341/2).

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

HPLC/IC

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: Artesia-MW-38-0423 (860-47477-13), Artesia-MW-11-0423 (860-47477-18), Artesia-MW-12-0423 (860-47477-23) and Artesia-MW-36-0423 (860-47477-26). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: Artesia-MW-17C-0423 (860-47477-29). Elevated reporting limits (RLs) are provided.

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

General Chemistry

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

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-29-0423

Lab Sample ID: 860-47477-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00256		0.00100	0.000635	mg/L	1			8260D	Total/NA
1,1-Dichloroethene	0.00540		0.00100	0.000738	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.0114		0.00100	0.000801	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-INLET-0423

Lab Sample ID: 860-47477-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00148		0.00100	0.000635	mg/L	1			8260D	Total/NA
1,1-Dichloroethene	0.00481		0.00100	0.000738	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.00565		0.00100	0.000801	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MW-39-0423

Lab Sample ID: 860-47477-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00455		0.00100	0.000738	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.00875		0.00100	0.000801	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MD-31-0423

Lab Sample ID: 860-47477-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00265		0.00100	0.000635	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MW-31-0423

Lab Sample ID: 860-47477-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00250		0.00100	0.000635	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-OUTLET-0423

Lab Sample ID: 860-47477-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00274		0.00100	0.000635	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MW-28-0423

Lab Sample ID: 860-47477-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	0.00388		0.00100	0.000801	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MW-30-0423

Lab Sample ID: 860-47477-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000931	J	0.00100	0.000738	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.00120		0.00100	0.000801	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MID-0423

Lab Sample ID: 860-47477-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00208		0.00100	0.000635	mg/L	1			8260D	Total/NA
1,1-Dichloroethene	0.00305		0.00100	0.000738	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MW-40-0423

Lab Sample ID: 860-47477-10

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-35-0423

Lab Sample ID: 860-47477-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0128		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0168		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.102		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00167		0.00100	0.000738	mg/L	1		8260D	Total/NA
Benzene	0.00481		0.00100	0.000533	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00191		0.00100	0.000801	mg/L	1		8260D	Total/NA
Naphthalene - RA	0.00153	J	0.0100	0.00135	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate - DL	1550		5.00	2.00	mg/L	10		300.0	Total/NA

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	4.10		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	58.9		0.500	0.200	mg/L	1		300.0	Total/NA

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00496		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00117		0.00100	0.000738	mg/L	1		8260D	Total/NA
Benzene	0.0154		0.00100	0.000533	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00202		0.00100	0.000801	mg/L	1		8260D	Total/NA
Naphthalene - RA	0.00314	J	0.0100	0.00135	mg/L	1		8260D	Total/NA

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	11.4		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate - DL	2750		5.00	2.00	mg/L	10		300.0	Total/NA

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-19

No Detections.									
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Client Sample ID: Artesia-MW-11-0423-FD

Lab Sample ID: 860-47477-20

No Detections.									
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This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Total Organic Carbon	0.795	J	1.00	0.500	mg/L	1			SM 5310C	Total/NA

Client Sample ID: Artesia-TB-01-0423

Lab Sample ID: 860-47477-22

No Detections.

Client Sample ID: Artesia-MW-12-0423

Lab Sample ID: 860-47477-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sulfate - DL	2490		5.00	2.00	mg/L	10			300.0	Total/NA

Client Sample ID: Artesia-MW-12-0423

Lab Sample ID: 860-47477-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Total Organic Carbon	1.33		1.00	0.500	mg/L	1			SM 5310C	Total/NA

Client Sample ID: Artesia-MW-12-0423

Lab Sample ID: 860-47477-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0227		0.00100	0.000635	mg/L	1			8260D	Total/NA
Benzene	0.00167		0.00100	0.000533	mg/L	1			8260D	Total/NA
Naphthalene - RA	0.00166	J	0.0100	0.00135	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MW-36-0423

Lab Sample ID: 860-47477-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sulfate - DL	2140		5.00	2.00	mg/L	10			300.0	Total/NA

Client Sample ID: Artesia-MW-36-0423

Lab Sample ID: 860-47477-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0165		0.00100	0.000635	mg/L	1			8260D	Total/NA
Benzene	0.00642		0.00100	0.000533	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.00580		0.00100	0.000801	mg/L	1			8260D	Total/NA

Client Sample ID: Artesia-MW-36-0423

Lab Sample ID: 860-47477-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Total Organic Carbon	0.745	J	1.00	0.500	mg/L	1			SM 5310C	Total/NA

Client Sample ID: Artesia-MW-17C-0423

Lab Sample ID: 860-47477-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sulfate - DL	2340		5.00	2.00	mg/L	10			300.0	Total/NA

Client Sample ID: Artesia-MW-17C-0423

Lab Sample ID: 860-47477-30

No Detections.

Client Sample ID: Artesia-MW-17C-0423

Lab Sample ID: 860-47477-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Total Organic Carbon	7.01		1.00	0.500	mg/L	1			SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-29-0423

Lab Sample ID: 860-47477-1

Date Collected: 04/18/23 10:45

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00256		0.00100	0.000635	mg/L			04/26/23 01:07	1
1,1-Dichloroethene	0.00540		0.00100	0.000738	mg/L			04/26/23 01:07	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 01:07	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 01:07	1
Tetrachloroethene	0.0114		0.00100	0.000801	mg/L			04/26/23 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 144					04/26/23 01:07	1
4-Bromofluorobenzene (Surr)	95		74 - 124					04/26/23 01:07	1
Dibromofluoromethane (Surr)	92		75 - 131					04/26/23 01:07	1
Toluene-d8 (Surr)	101		80 - 117					04/26/23 01:07	1

Client Sample ID: Artesia-INLET-0423

Lab Sample ID: 860-47477-2

Date Collected: 04/18/23 09:15

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00148		0.00100	0.000635	mg/L			04/26/23 01:26	1
1,1-Dichloroethene	0.00481		0.00100	0.000738	mg/L			04/26/23 01:26	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 01:26	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 01:26	1
Tetrachloroethene	0.00565		0.00100	0.000801	mg/L			04/26/23 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 144					04/26/23 01:26	1
4-Bromofluorobenzene (Surr)	96		74 - 124					04/26/23 01:26	1
Dibromofluoromethane (Surr)	91		75 - 131					04/26/23 01:26	1
Toluene-d8 (Surr)	100		80 - 117					04/26/23 01:26	1

Client Sample ID: Artesia-MW-39-0423

Lab Sample ID: 860-47477-3

Date Collected: 04/18/23 13:30

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00455		0.00100	0.000738	mg/L			04/26/23 01:45	1
Tetrachloroethene	0.00875		0.00100	0.000801	mg/L			04/26/23 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 144					04/26/23 01:45	1
4-Bromofluorobenzene (Surr)	98		74 - 124					04/26/23 01:45	1
Dibromofluoromethane (Surr)	97		75 - 131					04/26/23 01:45	1
Toluene-d8 (Surr)	101		80 - 117					04/26/23 01:45	1

Client Sample ID: Artesia-MD-31-0423

Lab Sample ID: 860-47477-4

Date Collected: 04/18/23 15:30

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00265		0.00100	0.000635	mg/L			04/26/23 02:04	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MD-31-0423

Lab Sample ID: 860-47477-4

Date Collected: 04/18/23 15:30

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 02:04	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 02:04	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 02:04	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 02:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 144					04/26/23 02:04	1
4-Bromofluorobenzene (Surr)	95		74 - 124					04/26/23 02:04	1
Dibromofluoromethane (Surr)	91		75 - 131					04/26/23 02:04	1
Toluene-d8 (Surr)	97		80 - 117					04/26/23 02:04	1

Client Sample ID: Artesia-MW-31-0423

Lab Sample ID: 860-47477-5

Date Collected: 04/18/23 15:30

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00250		0.00100	0.000635	mg/L			04/26/23 02:23	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 02:23	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 02:23	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 02:23	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 144					04/26/23 02:23	1
4-Bromofluorobenzene (Surr)	94		74 - 124					04/26/23 02:23	1
Dibromofluoromethane (Surr)	90		75 - 131					04/26/23 02:23	1
Toluene-d8 (Surr)	101		80 - 117					04/26/23 02:23	1

Client Sample ID: Artesia-OUTLET-0423

Lab Sample ID: 860-47477-6

Date Collected: 04/18/23 09:15

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00274		0.00100	0.000635	mg/L			04/26/23 02:42	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 02:42	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 02:42	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 02:42	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 144					04/26/23 02:42	1
4-Bromofluorobenzene (Surr)	96		74 - 124					04/26/23 02:42	1
Dibromofluoromethane (Surr)	96		75 - 131					04/26/23 02:42	1
Toluene-d8 (Surr)	99		80 - 117					04/26/23 02:42	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-28-0423

Lab Sample ID: 860-47477-7

Date Collected: 04/18/23 11:45

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			04/26/23 03:01	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 03:01	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 03:01	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 03:01	1
Tetrachloroethene	0.00388		0.00100	0.000801	mg/L			04/26/23 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 144		04/26/23 03:01	1
4-Bromofluorobenzene (Surr)	96		74 - 124		04/26/23 03:01	1
Dibromofluoromethane (Surr)	93		75 - 131		04/26/23 03:01	1
Toluene-d8 (Surr)	101		80 - 117		04/26/23 03:01	1

Client Sample ID: Artesia-MW-30-0423

Lab Sample ID: 860-47477-8

Date Collected: 04/18/23 12:30

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			04/26/23 03:20	1
1,1-Dichloroethene	0.000931	J	0.00100	0.000738	mg/L			04/26/23 03:20	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 03:20	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 03:20	1
Tetrachloroethene	0.00120		0.00100	0.000801	mg/L			04/26/23 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 144		04/26/23 03:20	1
4-Bromofluorobenzene (Surr)	94		74 - 124		04/26/23 03:20	1
Dibromofluoromethane (Surr)	91		75 - 131		04/26/23 03:20	1
Toluene-d8 (Surr)	100		80 - 117		04/26/23 03:20	1

Client Sample ID: Artesia-MID-0423

Lab Sample ID: 860-47477-9

Date Collected: 04/18/23 09:15

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00208		0.00100	0.000635	mg/L			04/26/23 03:39	1
1,1-Dichloroethene	0.00305		0.00100	0.000738	mg/L			04/26/23 03:39	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 03:39	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 03:39	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 144		04/26/23 03:39	1
4-Bromofluorobenzene (Surr)	100		74 - 124		04/26/23 03:39	1
Dibromofluoromethane (Surr)	92		75 - 131		04/26/23 03:39	1
Toluene-d8 (Surr)	101		80 - 117		04/26/23 03:39	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-40-0423

Lab Sample ID: 860-47477-10

Date Collected: 04/18/23 14:00

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 03:58	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 144					04/26/23 03:58	1
4-Bromofluorobenzene (Surr)	99		74 - 124					04/26/23 03:58	1
Dibromofluoromethane (Surr)	90		75 - 131					04/26/23 03:58	1
Toluene-d8 (Surr)	100		80 - 117					04/26/23 03:58	1

Client Sample ID: Artesia-MW-35-0423

Lab Sample ID: 860-47477-11

Date Collected: 04/18/23 14:40

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0128		0.00100	0.000738	mg/L			04/26/23 04:17	1
Tetrachloroethene	0.0168		0.00100	0.000801	mg/L			04/26/23 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 144					04/26/23 04:17	1
4-Bromofluorobenzene (Surr)	93		74 - 124					04/26/23 04:17	1
Dibromofluoromethane (Surr)	92		75 - 131					04/26/23 04:17	1
Toluene-d8 (Surr)	98		80 - 117					04/26/23 04:17	1

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-12

Date Collected: 04/19/23 12:05

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.102		0.00100	0.000635	mg/L			04/26/23 04:36	1
1,1-Dichloroethene	0.00167		0.00100	0.000738	mg/L			04/26/23 04:36	1
Benzene	0.00481		0.00100	0.000533	mg/L			04/26/23 04:36	1
Tetrachloroethene	0.00191		0.00100	0.000801	mg/L			04/26/23 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 144					04/26/23 04:36	1
4-Bromofluorobenzene (Surr)	97		74 - 124					04/26/23 04:36	1
Dibromofluoromethane (Surr)	95		75 - 131					04/26/23 04:36	1
Toluene-d8 (Surr)	101		80 - 117					04/26/23 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.00153	J	0.0100	0.00135	mg/L			04/27/23 23:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 144					04/27/23 23:36	1
4-Bromofluorobenzene (Surr)	100		74 - 124					04/27/23 23:36	1
Dibromofluoromethane (Surr)	109		75 - 131					04/27/23 23:36	1
Toluene-d8 (Surr)	103		80 - 117					04/27/23 23:36	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-13

Date Collected: 04/19/23 12:05

Matrix: Water

Date Received: 04/21/23 10:16

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1550		5.00	2.00	mg/L			05/09/23 02:11	10

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-14

Date Collected: 04/19/23 12:05

Matrix: Water

Date Received: 04/21/23 10:16

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	4.10		1.00	0.500	mg/L			05/08/23 16:33	1

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-15

Date Collected: 04/19/23 09:25

Matrix: Water

Date Received: 04/21/23 10:16

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	58.9		0.500	0.200	mg/L			05/09/23 02:25	1

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-16

Date Collected: 04/19/23 09:25

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00496		0.00100	0.000635	mg/L			04/26/23 04:55	1
1,1-Dichloroethene	0.00117		0.00100	0.000738	mg/L			04/26/23 04:55	1
Benzene	0.0154		0.00100	0.000533	mg/L			04/26/23 04:55	1
Tetrachloroethene	0.00202		0.00100	0.000801	mg/L			04/26/23 04:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 144		04/26/23 04:55	1
4-Bromofluorobenzene (Surr)	94		74 - 124		04/26/23 04:55	1
Dibromofluoromethane (Surr)	93		75 - 131		04/26/23 04:55	1
Toluene-d8 (Surr)	101		80 - 117		04/26/23 04:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.00314	J	0.0100	0.00135	mg/L			04/27/23 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 144		04/27/23 23:56	1
4-Bromofluorobenzene (Surr)	96		74 - 124		04/27/23 23:56	1
Dibromofluoromethane (Surr)	99		75 - 131		04/27/23 23:56	1
Toluene-d8 (Surr)	102		80 - 117		04/27/23 23:56	1

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-17

Date Collected: 04/19/23 09:25

Matrix: Water

Date Received: 04/21/23 10:16

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	11.4		1.00	0.500	mg/L			05/03/23 20:36	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-18

Date Collected: 04/19/23 13:25

Matrix: Water

Date Received: 04/21/23 10:16

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2750		5.00	2.00	mg/L			05/09/23 03:05	10

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-19

Date Collected: 04/19/23 13:23

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			04/26/23 05:14	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 05:14	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 05:14	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 05:14	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 05:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		04/26/23 05:14	1
4-Bromofluorobenzene (Surr)	92		74 - 124		04/26/23 05:14	1
Dibromofluoromethane (Surr)	94		75 - 131		04/26/23 05:14	1
Toluene-d8 (Surr)	98		80 - 117		04/26/23 05:14	1

Client Sample ID: Artesia-MW-11-0423-FD

Lab Sample ID: 860-47477-20

Date Collected: 04/19/23 13:23

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			04/26/23 05:33	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 05:33	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 05:33	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 05:33	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 05:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		04/26/23 05:33	1
4-Bromofluorobenzene (Surr)	98		74 - 124		04/26/23 05:33	1
Dibromofluoromethane (Surr)	92		75 - 131		04/26/23 05:33	1
Toluene-d8 (Surr)	98		80 - 117		04/26/23 05:33	1

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-21

Date Collected: 04/19/23 13:23

Matrix: Water

Date Received: 04/21/23 10:16

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	0.795	J	1.00	0.500	mg/L			05/03/23 20:21	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-TB-01-0423

Lab Sample ID: 860-47477-22

Date Collected: 04/19/23 08:00

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			04/26/23 00:10	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 00:10	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 00:10	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 00:10	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 144		04/26/23 00:10	1
4-Bromofluorobenzene (Surr)	96		74 - 124		04/26/23 00:10	1
Dibromofluoromethane (Surr)	93		75 - 131		04/26/23 00:10	1
Toluene-d8 (Surr)	99		80 - 117		04/26/23 00:10	1

Client Sample ID: Artesia-MW-12-0423

Lab Sample ID: 860-47477-23

Date Collected: 04/18/23 14:45

Matrix: Water

Date Received: 04/21/23 10:16

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2490		5.00	2.00	mg/L			05/09/23 03:31	10

Client Sample ID: Artesia-MW-12-0423

Lab Sample ID: 860-47477-24

Date Collected: 04/18/23 14:45

Matrix: Water

Date Received: 04/21/23 10:16

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	1.33		1.00	0.500	mg/L			05/03/23 20:06	1

Client Sample ID: Artesia-MW-12-0423

Lab Sample ID: 860-47477-25

Date Collected: 04/18/23 14:45

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0227		0.00100	0.000635	mg/L			04/26/23 00:29	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 00:29	1
Benzene	0.00167		0.00100	0.000533	mg/L			04/26/23 00:29	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 144		04/26/23 00:29	1
4-Bromofluorobenzene (Surr)	97		74 - 124		04/26/23 00:29	1
Dibromofluoromethane (Surr)	94		75 - 131		04/26/23 00:29	1
Toluene-d8 (Surr)	99		80 - 117		04/26/23 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.00166	J	0.0100	0.00135	mg/L			04/28/23 00:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 144		04/28/23 00:17	1
4-Bromofluorobenzene (Surr)	102		74 - 124		04/28/23 00:17	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-12-0423

Lab Sample ID: 860-47477-25

Date Collected: 04/18/23 14:45

Matrix: Water

Date Received: 04/21/23 10:16

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		75 - 131		04/28/23 00:17	1
Toluene-d8 (Surr)	103		80 - 117		04/28/23 00:17	1

Client Sample ID: Artesia-MW-36-0423

Lab Sample ID: 860-47477-26

Date Collected: 04/18/23 16:45

Matrix: Water

Date Received: 04/21/23 10:16

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2140		5.00	2.00	mg/L			05/09/23 03:58	10

Client Sample ID: Artesia-MW-36-0423

Lab Sample ID: 860-47477-27

Date Collected: 04/18/23 16:45

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0165		0.00100	0.000635	mg/L			04/26/23 05:52	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 05:52	1
Benzene	0.00642		0.00100	0.000533	mg/L			04/26/23 05:52	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 05:52	1
Tetrachloroethene	0.00580		0.00100	0.000801	mg/L			04/26/23 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 144					04/26/23 05:52	1
4-Bromofluorobenzene (Surr)	95		74 - 124					04/26/23 05:52	1
Dibromofluoromethane (Surr)	93		75 - 131					04/26/23 05:52	1
Toluene-d8 (Surr)	100		80 - 117					04/26/23 05:52	1

Client Sample ID: Artesia-MW-36-0423

Lab Sample ID: 860-47477-28

Date Collected: 04/18/23 16:45

Matrix: Water

Date Received: 04/21/23 10:16

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	0.745	J	1.00	0.500	mg/L			05/03/23 21:06	1

Client Sample ID: Artesia-MW-17C-0423

Lab Sample ID: 860-47477-29

Date Collected: 04/18/23 12:00

Matrix: Water

Date Received: 04/21/23 10:16

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2340		5.00	2.00	mg/L			05/09/23 04:52	10

Client Sample ID: Artesia-MW-17C-0423

Lab Sample ID: 860-47477-30

Date Collected: 04/18/23 12:00

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			04/26/23 06:11	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-17C-0423

Lab Sample ID: 860-47477-30

Date Collected: 04/18/23 12:00

Matrix: Water

Date Received: 04/21/23 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/26/23 06:11	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/26/23 06:11	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/26/23 06:11	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/26/23 06:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 144					04/26/23 06:11	1
4-Bromofluorobenzene (Surr)	96		74 - 124					04/26/23 06:11	1
Dibromofluoromethane (Surr)	93		75 - 131					04/26/23 06:11	1
Toluene-d8 (Surr)	100		80 - 117					04/26/23 06:11	1

Client Sample ID: Artesia-MW-17C-0423

Lab Sample ID: 860-47477-31

Date Collected: 04/18/23 12:00

Matrix: Water

Date Received: 04/21/23 10:16

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	7.01		1.00	0.500	mg/L			05/03/23 20:51	1

Default Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

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

Analyte	RL	MDL	Units
1,1-Dichloroethane	0.00100	0.000635	mg/L
1,1-Dichloroethene	0.00100	0.000738	mg/L
Benzene	0.00100	0.000533	mg/L
Naphthalene	0.0100	0.00135	mg/L
Tetrachloroethene	0.00100	0.000801	mg/L

Method: 300.0 - Anions, Ion Chromatography

Analyte	RL	MDL	Units
Sulfate	0.500	0.200	mg/L

General Chemistry

Analyte	RL	MDL	Units
Total Organic Carbon	1.00	0.500	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-117)
860-47477-1	Artesia-MW-29-0423	107	95	92	101
860-47477-2	Artesia-INLET-0423	99	96	91	100
860-47477-3	Artesia-MW-39-0423	102	98	97	101
860-47477-4	Artesia-MD-31-0423	99	95	91	97
860-47477-5	Artesia-MW-31-0423	102	94	90	101
860-47477-6	Artesia-OUTLET-0423	103	96	96	99
860-47477-7	Artesia-MW-28-0423	105	96	93	101
860-47477-8	Artesia-MW-30-0423	102	94	91	100
860-47477-9	Artesia-MID-0423	102	100	92	101
860-47477-10	Artesia-MW-40-0423	102	99	90	100
860-47477-11	Artesia-MW-35-0423	100	93	92	98
860-47477-12	Artesia-MW-38-0423	101	97	95	101
860-47477-12 - RA	Artesia-MW-38-0423	105	100	109	103
860-47477-16	Artesia-MW-37-0423	102	94	93	101
860-47477-16 - RA	Artesia-MW-37-0423	103	96	99	102
860-47477-19	Artesia-MW-11-0423	101	92	94	98
860-47477-20	Artesia-MW-11-0423-FD	101	98	92	98
860-47477-22	Artesia-TB-01-0423	100	96	93	99
860-47477-25	Artesia-MW-12-0423	104	97	94	99
860-47477-25 - RA	Artesia-MW-12-0423	104	102	100	103
860-47477-25 MS	Artesia-MW-12-0423	100	95	94	97
860-47477-25 MSD	Artesia-MW-12-0423	97	96	92	97
860-47477-27	Artesia-MW-36-0423	99	95	93	100
860-47477-30	Artesia-MW-17C-0423	101	96	93	100
LCS 860-100341/3	Lab Control Sample	101	94	100	96
LCS 860-100772/3	Lab Control Sample	99	101	104	99
LCSD 860-100341/4	Lab Control Sample Dup	98	96	97	97
LCSD 860-100772/4	Lab Control Sample Dup	99	103	102	101
MB 860-100341/10	Method Blank	99	95	95	100
MB 860-100772/9	Method Blank	98	104	97	104

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

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

Lab Sample ID: MB 860-100341/10

Matrix: Water

Analysis Batch: 100341

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			04/25/23 23:51	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/25/23 23:51	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/25/23 23:51	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/25/23 23:51	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/25/23 23:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 144		04/25/23 23:51	1
4-Bromofluorobenzene (Surr)	95		74 - 124		04/25/23 23:51	1
Dibromofluoromethane (Surr)	95		75 - 131		04/25/23 23:51	1
Toluene-d8 (Surr)	100		80 - 117		04/25/23 23:51	1

Lab Sample ID: LCS 860-100341/3

Matrix: Water

Analysis Batch: 100341

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0500	0.04735		mg/L		95	70 - 130
1,1-Dichloroethene	0.0500	0.04930		mg/L		99	50 - 150
Benzene	0.0500	0.05227		mg/L		105	75 - 125
Naphthalene	0.0500	0.05745		mg/L		115	70 - 130
Tetrachloroethene	0.0500	0.05121		mg/L		102	71 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		63 - 144
4-Bromofluorobenzene (Surr)	94		74 - 124
Dibromofluoromethane (Surr)	100		75 - 131
Toluene-d8 (Surr)	96		80 - 117

Lab Sample ID: LCSD 860-100341/4

Matrix: Water

Analysis Batch: 100341

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0500	0.05016		mg/L		100	70 - 130	6	25
1,1-Dichloroethene	0.0500	0.04677		mg/L		94	50 - 150	5	25
Benzene	0.0500	0.05168		mg/L		103	75 - 125	1	25
Naphthalene	0.0500	0.06157		mg/L		123	70 - 130	7	25
Tetrachloroethene	0.0500	0.05390		mg/L		108	71 - 125	5	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		63 - 144
4-Bromofluorobenzene (Surr)	96		74 - 124
Dibromofluoromethane (Surr)	97		75 - 131
Toluene-d8 (Surr)	97		80 - 117

Eurofins Houston

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

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

Lab Sample ID: 860-47477-25 MS

Matrix: Water

Analysis Batch: 100341

Client Sample ID: Artesia-MW-12-0423

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0227		0.0500	0.07276		mg/L		100	72 - 125
1,1-Dichloroethene	0.000738	U	0.0500	0.04553		mg/L		91	59 - 172
Benzene	0.00167		0.0500	0.05300		mg/L		103	66 - 142
Naphthalene	0.00191	J F1	0.0500	0.07229	F1	mg/L		141	70 - 130
Tetrachloroethene	0.000801	U	0.0500	0.05673		mg/L		113	71 - 125
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
1,2-Dichloroethane-d4 (Surr)	100		63 - 144						
4-Bromofluorobenzene (Surr)	95		74 - 124						
Dibromofluoromethane (Surr)	94		75 - 131						
Toluene-d8 (Surr)	97		80 - 117						

Lab Sample ID: 860-47477-25 MSD

Matrix: Water

Analysis Batch: 100341

Client Sample ID: Artesia-MW-12-0423

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0227		0.0500	0.07117		mg/L		97	72 - 125	2	25
1,1-Dichloroethene	0.000738	U	0.0500	0.04308		mg/L		86	59 - 172	6	25
Benzene	0.00167		0.0500	0.05248		mg/L		102	66 - 142	1	25
Naphthalene	0.00191	J F1	0.0500	0.06458		mg/L		125	70 - 130	11	25
Tetrachloroethene	0.000801	U	0.0500	0.05379		mg/L		108	71 - 125	5	25
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
1,2-Dichloroethane-d4 (Surr)	97		63 - 144								
4-Bromofluorobenzene (Surr)	96		74 - 124								
Dibromofluoromethane (Surr)	92		75 - 131								
Toluene-d8 (Surr)	97		80 - 117								

Lab Sample ID: MB 860-100772/9

Matrix: Water

Analysis Batch: 100772

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			04/27/23 21:12	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			04/27/23 21:12	1
Benzene	0.000533	U	0.00100	0.000533	mg/L			04/27/23 21:12	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			04/27/23 21:12	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			04/27/23 21:12	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 144					04/27/23 21:12	1
4-Bromofluorobenzene (Surr)	104		74 - 124					04/27/23 21:12	1
Dibromofluoromethane (Surr)	97		75 - 131					04/27/23 21:12	1
Toluene-d8 (Surr)	104		80 - 117					04/27/23 21:12	1

Eurofins Houston

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

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

Lab Sample ID: LCS 860-100772/3

Matrix: Water

Analysis Batch: 100772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0500	0.04910		mg/L		98	70 - 130
1,1-Dichloroethene	0.0500	0.04573		mg/L		91	50 - 150
Benzene	0.0500	0.04944		mg/L		99	75 - 125
Naphthalene	0.0500	0.05730		mg/L		115	70 - 130
Tetrachloroethene	0.0500	0.04781		mg/L		96	71 - 125

Surrogate	%Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		63 - 144
4-Bromofluorobenzene (Surr)	101		74 - 124
Dibromofluoromethane (Surr)	104		75 - 131
Toluene-d8 (Surr)	99		80 - 117

Lab Sample ID: LCSD 860-100772/4

Matrix: Water

Analysis Batch: 100772

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0500	0.04861		mg/L		97	70 - 130	1	25
1,1-Dichloroethene	0.0500	0.04782		mg/L		96	50 - 150	4	25
Benzene	0.0500	0.04823		mg/L		96	75 - 125	2	25
Naphthalene	0.0500	0.05207		mg/L		104	70 - 130	10	25
Tetrachloroethene	0.0500	0.04919		mg/L		98	71 - 125	3	25

Surrogate	%Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		63 - 144
4-Bromofluorobenzene (Surr)	103		74 - 124
Dibromofluoromethane (Surr)	102		75 - 131
Toluene-d8 (Surr)	101		80 - 117

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-102220/183

Matrix: Water

Analysis Batch: 102220

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.200	U	0.500	0.200	mg/L			05/08/23 23:17	1

Lab Sample ID: MB 860-102220/3

Matrix: Water

Analysis Batch: 102220

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.200	U	0.500	0.200	mg/L			05/08/23 14:22	1

Eurofins Houston

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-102220/184

Matrix: Water

Analysis Batch: 102220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	9.272		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-102220/185

Matrix: Water

Analysis Batch: 102220

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
Sulfate	10.0	9.242		mg/L		92	90 - 110	0	20

Lab Sample ID: LLCS 860-102220/7

Matrix: Water

Analysis Batch: 102220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	0.500	0.2571	J	mg/L		51	50 - 150

Method: SM 5310C - TOC

Lab Sample ID: MB 860-101797/3

Matrix: Water

Analysis Batch: 101797

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.500	U	1.00	0.500	mg/L			05/03/23 19:21	1

Lab Sample ID: LCS 860-101797/4

Matrix: Water

Analysis Batch: 101797

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	5.00	4.610		mg/L		92	90 - 110

Lab Sample ID: LCSD 860-101797/5

Matrix: Water

Analysis Batch: 101797

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
Total Organic Carbon	5.00	4.501		mg/L		90	90 - 110	2	20

Lab Sample ID: MB 860-102302/3

Matrix: Water

Analysis Batch: 102302

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.500	U	1.00	0.500	mg/L			05/08/23 14:18	1

Eurofins Houston

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Method: SM 5310C - TOC (Continued)

Lab Sample ID: LCS 860-102302/4
Matrix: Water
Analysis Batch: 102302

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	5.00	5.126		mg/L		103	90 - 110

Lab Sample ID: LCSD 860-102302/5
Matrix: Water
Analysis Batch: 102302

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	RPD Limit
Total Organic Carbon	5.00	5.146		mg/L		103	90 - 110	0	20

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

GC/MS VOA

Analysis Batch: 100341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-47477-1	Artesia-MW-29-0423	Total/NA	Water	8260D	
860-47477-2	Artesia-INLET-0423	Total/NA	Water	8260D	
860-47477-3	Artesia-MW-39-0423	Total/NA	Water	8260D	
860-47477-4	Artesia-MD-31-0423	Total/NA	Water	8260D	
860-47477-5	Artesia-MW-31-0423	Total/NA	Water	8260D	
860-47477-6	Artesia-OUTLET-0423	Total/NA	Water	8260D	
860-47477-7	Artesia-MW-28-0423	Total/NA	Water	8260D	
860-47477-8	Artesia-MW-30-0423	Total/NA	Water	8260D	
860-47477-9	Artesia-MID-0423	Total/NA	Water	8260D	
860-47477-10	Artesia-MW-40-0423	Total/NA	Water	8260D	
860-47477-11	Artesia-MW-35-0423	Total/NA	Water	8260D	
860-47477-12	Artesia-MW-38-0423	Total/NA	Water	8260D	
860-47477-16	Artesia-MW-37-0423	Total/NA	Water	8260D	
860-47477-19	Artesia-MW-11-0423	Total/NA	Water	8260D	
860-47477-20	Artesia-MW-11-0423-FD	Total/NA	Water	8260D	
860-47477-22	Artesia-TB-01-0423	Total/NA	Water	8260D	
860-47477-25	Artesia-MW-12-0423	Total/NA	Water	8260D	
860-47477-27	Artesia-MW-36-0423	Total/NA	Water	8260D	
860-47477-30	Artesia-MW-17C-0423	Total/NA	Water	8260D	
MB 860-100341/10	Method Blank	Total/NA	Water	8260D	
LCS 860-100341/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-100341/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-47477-25 MS	Artesia-MW-12-0423	Total/NA	Water	8260D	
860-47477-25 MSD	Artesia-MW-12-0423	Total/NA	Water	8260D	

Analysis Batch: 100772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-47477-12 - RA	Artesia-MW-38-0423	Total/NA	Water	8260D	
860-47477-16 - RA	Artesia-MW-37-0423	Total/NA	Water	8260D	
860-47477-25 - RA	Artesia-MW-12-0423	Total/NA	Water	8260D	
MB 860-100772/9	Method Blank	Total/NA	Water	8260D	
LCS 860-100772/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-100772/4	Lab Control Sample Dup	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 102220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-47477-13 - DL	Artesia-MW-38-0423	Total/NA	Water	300.0	
860-47477-15	Artesia-MW-37-0423	Total/NA	Water	300.0	
860-47477-18 - DL	Artesia-MW-11-0423	Total/NA	Water	300.0	
860-47477-23 - DL	Artesia-MW-12-0423	Total/NA	Water	300.0	
860-47477-26 - DL	Artesia-MW-36-0423	Total/NA	Water	300.0	
860-47477-29 - DL	Artesia-MW-17C-0423	Total/NA	Water	300.0	
MB 860-102220/183	Method Blank	Total/NA	Water	300.0	
MB 860-102220/3	Method Blank	Total/NA	Water	300.0	
LCS 860-102220/184	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-102220/185	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-102220/7	Lab Control Sample	Total/NA	Water	300.0	

Eurofins Houston

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

General Chemistry

Analysis Batch: 101797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-47477-17	Artesia-MW-37-0423	Total/NA	Water	SM 5310C	
860-47477-21	Artesia-MW-11-0423	Total/NA	Water	SM 5310C	
860-47477-24	Artesia-MW-12-0423	Total/NA	Water	SM 5310C	
860-47477-28	Artesia-MW-36-0423	Total/NA	Water	SM 5310C	
860-47477-31	Artesia-MW-17C-0423	Total/NA	Water	SM 5310C	
MB 860-101797/3	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-101797/4	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-101797/5	Lab Control Sample Dup	Total/NA	Water	SM 5310C	

Analysis Batch: 102302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-47477-14	Artesia-MW-38-0423	Total/NA	Water	SM 5310C	
MB 860-102302/3	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-102302/4	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-102302/5	Lab Control Sample Dup	Total/NA	Water	SM 5310C	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-29-0423

Lab Sample ID: 860-47477-1

Date Collected: 04/18/23 10:45

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 01:07

Client Sample ID: Artesia-INLET-0423

Lab Sample ID: 860-47477-2

Date Collected: 04/18/23 09:15

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 01:26

Client Sample ID: Artesia-MW-39-0423

Lab Sample ID: 860-47477-3

Date Collected: 04/18/23 13:30

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 01:45

Client Sample ID: Artesia-MD-31-0423

Lab Sample ID: 860-47477-4

Date Collected: 04/18/23 15:30

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 02:04

Client Sample ID: Artesia-MW-31-0423

Lab Sample ID: 860-47477-5

Date Collected: 04/18/23 15:30

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 02:23

Client Sample ID: Artesia-OUTLET-0423

Lab Sample ID: 860-47477-6

Date Collected: 04/18/23 09:15

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 02:42

Client Sample ID: Artesia-MW-28-0423

Lab Sample ID: 860-47477-7

Date Collected: 04/18/23 11:45

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 03:01

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Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-30-0423

Lab Sample ID: 860-47477-8

Date Collected: 04/18/23 12:30

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 03:20

Client Sample ID: Artesia-MID-0423

Lab Sample ID: 860-47477-9

Date Collected: 04/18/23 09:15

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 03:39

Client Sample ID: Artesia-MW-40-0423

Lab Sample ID: 860-47477-10

Date Collected: 04/18/23 14:00

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 03:58

Client Sample ID: Artesia-MW-35-0423

Lab Sample ID: 860-47477-11

Date Collected: 04/18/23 14:40

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 04:17

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-12

Date Collected: 04/19/23 12:05

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	RA	1	100772	NA	EET HOU	04/27/23 23:36
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 04:36

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-13

Date Collected: 04/19/23 12:05

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0	DL	10	102220	WP	EET HOU	05/09/23 02:11

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-14

Date Collected: 04/19/23 12:05

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310C		1	102302	YGG	EET HOU	05/08/23 16:33

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Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-15

Date Collected: 04/19/23 09:25

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	102220	WP	EET HOU	05/09/23 02:25

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-16

Date Collected: 04/19/23 09:25

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	RA	1	100772	NA	EET HOU	04/27/23 23:56
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 04:55

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-17

Date Collected: 04/19/23 09:25

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310C		1	101797	YGG	EET HOU	05/03/23 20:36

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-18

Date Collected: 04/19/23 13:25

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0	DL	10	102220	WP	EET HOU	05/09/23 03:05

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-19

Date Collected: 04/19/23 13:23

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 05:14

Client Sample ID: Artesia-MW-11-0423-FD

Lab Sample ID: 860-47477-20

Date Collected: 04/19/23 13:23

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 05:33

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-21

Date Collected: 04/19/23 13:23

Matrix: Water

Date Received: 04/21/23 10:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310C		1	101797	YGG	EET HOU	05/03/23 20:21

Eurofins Houston

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-TB-01-0423**Lab Sample ID: 860-47477-22****Date Collected: 04/19/23 08:00****Matrix: Water****Date Received: 04/21/23 10:16**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 00:10

Client Sample ID: Artesia-MW-12-0423**Lab Sample ID: 860-47477-23****Date Collected: 04/18/23 14:45****Matrix: Water****Date Received: 04/21/23 10:16**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0	DL	10	102220	WP	EET HOU	05/09/23 03:31

Client Sample ID: Artesia-MW-12-0423**Lab Sample ID: 860-47477-24****Date Collected: 04/18/23 14:45****Matrix: Water****Date Received: 04/21/23 10:16**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310C		1	101797	YGG	EET HOU	05/03/23 20:06

Client Sample ID: Artesia-MW-12-0423**Lab Sample ID: 860-47477-25****Date Collected: 04/18/23 14:45****Matrix: Water****Date Received: 04/21/23 10:16**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	RA	1	100772	NA	EET HOU	04/28/23 00:17
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 00:29

Client Sample ID: Artesia-MW-36-0423**Lab Sample ID: 860-47477-26****Date Collected: 04/18/23 16:45****Matrix: Water****Date Received: 04/21/23 10:16**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0	DL	10	102220	WP	EET HOU	05/09/23 03:58

Client Sample ID: Artesia-MW-36-0423**Lab Sample ID: 860-47477-27****Date Collected: 04/18/23 16:45****Matrix: Water****Date Received: 04/21/23 10:16**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 05:52

Client Sample ID: Artesia-MW-36-0423**Lab Sample ID: 860-47477-28****Date Collected: 04/18/23 16:45****Matrix: Water****Date Received: 04/21/23 10:16**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310C		1	101797	YGG	EET HOU	05/03/23 21:06

Eurofins Houston

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Client Sample ID: Artesia-MW-17C-0423
Date Collected: 04/18/23 12:00
Date Received: 04/21/23 10:16

Lab Sample ID: 860-47477-29
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0	DL	10	102220	WP	EET HOU	05/09/23 04:52

Client Sample ID: Artesia-MW-17C-0423
Date Collected: 04/18/23 12:00
Date Received: 04/21/23 10:16

Lab Sample ID: 860-47477-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	100341	AN	EET HOU	04/26/23 06:11

Client Sample ID: Artesia-MW-17C-0423
Date Collected: 04/18/23 12:00
Date Received: 04/21/23 10:16

Lab Sample ID: 860-47477-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310C		1	101797	YGG	EET HOU	05/03/23 20:51

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-23-50	06-30-23
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
SM 5310C	TOC	SM	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

- EPA = US Environmental Protection Agency
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

- EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell - Artesia

Job ID: 860-47477-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-47477-1	Artesia-MW-29-0423	Water	04/18/23 10:45	04/21/23 10:16
860-47477-2	Artesia-INLET-0423	Water	04/18/23 09:15	04/21/23 10:16
860-47477-3	Artesia-MW-39-0423	Water	04/18/23 13:30	04/21/23 10:16
860-47477-4	Artesia-MD-31-0423	Water	04/18/23 15:30	04/21/23 10:16
860-47477-5	Artesia-MW-31-0423	Water	04/18/23 15:30	04/21/23 10:16
860-47477-6	Artesia-OUTLET-0423	Water	04/18/23 09:15	04/21/23 10:16
860-47477-7	Artesia-MW-28-0423	Water	04/18/23 11:45	04/21/23 10:16
860-47477-8	Artesia-MW-30-0423	Water	04/18/23 12:30	04/21/23 10:16
860-47477-9	Artesia-MID-0423	Water	04/18/23 09:15	04/21/23 10:16
860-47477-10	Artesia-MW-40-0423	Water	04/18/23 14:00	04/21/23 10:16
860-47477-11	Artesia-MW-35-0423	Water	04/18/23 14:40	04/21/23 10:16
860-47477-12	Artesia-MW-38-0423	Water	04/19/23 12:05	04/21/23 10:16
860-47477-13	Artesia-MW-38-0423	Water	04/19/23 12:05	04/21/23 10:16
860-47477-14	Artesia-MW-38-0423	Water	04/19/23 12:05	04/21/23 10:16
860-47477-15	Artesia-MW-37-0423	Water	04/19/23 09:25	04/21/23 10:16
860-47477-16	Artesia-MW-37-0423	Water	04/19/23 09:25	04/21/23 10:16
860-47477-17	Artesia-MW-37-0423	Water	04/19/23 09:25	04/21/23 10:16
860-47477-18	Artesia-MW-11-0423	Water	04/19/23 13:25	04/21/23 10:16
860-47477-19	Artesia-MW-11-0423	Water	04/19/23 13:23	04/21/23 10:16
860-47477-20	Artesia-MW-11-0423-FD	Water	04/19/23 13:23	04/21/23 10:16
860-47477-21	Artesia-MW-11-0423	Water	04/19/23 13:23	04/21/23 10:16
860-47477-22	Artesia-TB-01-0423	Water	04/19/23 08:00	04/21/23 10:16
860-47477-23	Artesia-MW-12-0423	Water	04/18/23 14:45	04/21/23 10:16
860-47477-24	Artesia-MW-12-0423	Water	04/18/23 14:45	04/21/23 10:16
860-47477-25	Artesia-MW-12-0423	Water	04/18/23 14:45	04/21/23 10:16
860-47477-26	Artesia-MW-36-0423	Water	04/18/23 16:45	04/21/23 10:16
860-47477-27	Artesia-MW-36-0423	Water	04/18/23 16:45	04/21/23 10:16
860-47477-28	Artesia-MW-36-0423	Water	04/18/23 16:45	04/21/23 10:16
860-47477-29	Artesia-MW-17C-0423	Water	04/18/23 12:00	04/21/23 10:16
860-47477-30	Artesia-MW-17C-0423	Water	04/18/23 12:00	04/21/23 10:16
860-47477-31	Artesia-MW-17C-0423	Water	04/18/23 12:00	04/21/23 10:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A292 Analysis Batch Number: 100412

Lab Sample ID: IC 860-100412/2 Client Sample ID: _____

Date Analyzed: 04/26/23 07:20 Lab File ID: E04262303.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.02	Baseline	V6TD	04/26/23 07:37
Bromomethane	1.41	Baseline	V6TD	04/26/23 11:25
Chloroethane	1.48	Baseline	V6TD	04/26/23 07:37
Acrolein	1.96	Baseline	V6TD	04/26/23 09:03
1,1,2-Trichloro-1,2,2-trifluoroethane	2.04	Baseline	V6TD	04/26/23 09:02
Iodomethane (Methyl Iodide)	2.15	Baseline	V6TD	04/26/23 07:37
Carbon disulfide	2.19	Baseline	V6TD	04/26/23 07:37
Isopropyl alcohol	2.21	Baseline	V6TD	04/26/23 07:37
Acetonitrile	2.30	Baseline	V6TD	04/26/23 07:37
Vinyl acetate	2.99	Baseline	V6TD	04/26/23 09:04
Bromochloromethane	3.53	Baseline	V6TD	04/26/23 07:37
1,1,1-Trichloroethane	3.72	Baseline	V6TD	04/26/23 07:37
Isobutanol	3.95	Baseline	V6TD	04/26/23 08:23
n-Butanol	4.41	Baseline	V6TD	04/26/23 09:09
1,4-Dioxane (P-Dioxane)	4.69	Baseline	V6TD	04/26/23 07:38
2-Nitropropane	4.94	Baseline	V6TD	04/26/23 07:38
Dibromochloromethane	5.88	Baseline	V6TD	04/26/23 07:38
1,2-Dibromoethane	5.96	Baseline	V6TD	04/26/23 07:38
1-Chlorohexane	6.30	Baseline	V6TD	04/26/23 07:38
1,1,1,2-Tetrachloroethane	6.38	Baseline	V6TD	04/26/23 07:38
o-Xylene	6.77	Baseline	V6TD	04/26/23 07:38
1,1,2,2-Tetrachloroethane	7.25	Baseline	V6TD	04/26/23 07:38
1,2,3-Trichloropropane	7.28	Baseline	V6TD	04/26/23 07:38
trans-1,4-Dichloro-2-butene	7.30	Baseline	V6TD	04/26/23 07:39
2-Chlorotoluene	7.40	Baseline	V6TD	04/26/23 07:39
Benzyl chloride	8.12	Baseline	V6TD	04/26/23 07:39
1,2-Dibromo-3-Chloropropane	8.87	Baseline	V6TD	04/26/23 07:39
1,2,4-Trichlorobenzene	9.49	Baseline	V6TD	04/26/23 07:40
Naphthalene	9.68	Baseline	V6TD	04/26/23 07:40

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 100412

Lab Sample ID: IC 860-100412/2 Client Sample ID:

Date Analyzed: 04/26/23 07:20 Lab File ID: E04262303.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2,3-Trichlorobenzene	9.86	Baseline	V6TD	04/26/23 07:40
2-Methylnaphthalene	10.54	Baseline	V6TD	04/26/23 07:40
1-Methylnaphthalene	10.68	Baseline	V6TD	04/26/23 07:40

Lab Sample ID: IC 860-100412/3 Client Sample ID:

Date Analyzed: 04/26/23 07:41 Lab File ID: E04262304.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.21	Baseline	V6TD	04/26/23 08:21
Acetonitrile	2.30	Baseline	V6TD	04/26/23 08:21
Vinyl acetate	2.99	Baseline	V6TD	04/26/23 09:11
Bromochloromethane	3.53	Baseline	V6TD	04/26/23 08:22
1,1,1-Trichloroethane	3.72	Baseline	V6TD	04/26/23 08:22
Cyclohexane	3.76	Baseline	V6TD	04/26/23 08:22
2-Nitropropane	4.94	Baseline	V6TD	04/26/23 08:22
trans-1,4-Dichloro-2-butene	7.30	Baseline	V6TD	04/26/23 08:22

Lab Sample ID: IC 860-100412/4 Client Sample ID:

Date Analyzed: 04/26/23 08:02 Lab File ID: E04262305.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.30	Baseline	V6TD	04/26/23 08:23
Vinyl acetate	2.99	Baseline	V6TD	04/26/23 09:12
1,1,1-Trichloroethane	3.72	Baseline	V6TD	04/26/23 08:23
2-Nitropropane	4.94	Baseline	V6TD	04/26/23 08:23

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A292 Analysis Batch Number: 100412Lab Sample ID: IC 860-100412/5 Client Sample ID: _____Date Analyzed: 04/26/23 08:22 Lab File ID: E04262306.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.30	Baseline	V6TD	04/26/23 09:13
Vinyl acetate	2.98	Baseline	V6TD	04/26/23 09:13
1,1,1-Trichloroethane	3.72	Baseline	V6TD	04/26/23 09:13
2-Nitropropane	4.94	Baseline	V6TD	04/26/23 09:14

Lab Sample ID: ICIS 860-100412/6 Client Sample ID: _____Date Analyzed: 04/26/23 08:43 Lab File ID: E04262307.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.30	Baseline	V6TD	04/26/23 09:00
Vinyl acetate	2.99	Baseline	V6TD	04/26/23 09:04
2-Nitropropane	4.94	Baseline	V6TD	04/26/23 09:00

Lab Sample ID: IC 860-100412/7 Client Sample ID: _____Date Analyzed: 04/26/23 09:03 Lab File ID: E04262308.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.40	Baseline	V6TD	04/26/23 09:50
Acetonitrile	2.30	Baseline	V6TD	04/26/23 09:53
Pentafluorobenzene	3.74	Baseline	V6TD	04/26/23 09:50
2-Nitropropane	4.94	Baseline	V6TD	04/26/23 09:53

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Instrument ID: A292 Analysis Batch Number: 100412

Lab Sample ID: IC 860-100412/8 Client Sample ID:

Date Analyzed: 04/26/23 09:24 Lab File ID: E04262309.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.40	Baseline	V6TD	04/26/23 09:51
Pentafluorobenzene	3.74	Baseline	V6TD	04/26/23 09:51
2-Nitropropane	4.94	Baseline	V6TD	04/26/23 09:55

Lab Sample ID: ICV 860-100412/11 Client Sample ID:

Date Analyzed: 04/26/23 10:25 Lab File ID: E04262312.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.40	Baseline	V6TD	04/26/23 10:42
Acetonitrile	2.30	Baseline	V6TD	04/26/23 10:43
2-Nitropropane	4.94	Baseline	V6TD	04/26/23 10:43
o-Xylene	6.76	Baseline	V6TD	04/26/23 10:43

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A292 Analysis Batch Number: 100772Lab Sample ID: CCVIS 860-100772/2 Client Sample ID: _____Date Analyzed: 04/27/23 18:48 Lab File ID: E04272336.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloro-1,2,2-trifluoroethane	2.04	Peak assignment corrected	suporna	04/28/23 09:08
Acetonitrile	2.30	Peak assignment corrected	suporna	04/28/23 09:08
1,1,1-Trichloroethane	3.72	Peak assignment corrected	suporna	04/28/23 09:25
2-Nitropropane	4.94	Peak assignment corrected	suporna	04/28/23 09:25

Lab Sample ID: 860-47477-12 RA Client Sample ID: Artesia-MW-38-0423 RADate Analyzed: 04/27/23 23:36 Lab File ID: E04272350.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Naphthalene	9.68	Peak assignment corrected	suporna	04/28/23 12:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A294 Analysis Batch Number: 98266

Lab Sample ID: IC 860-98266/2 Client Sample ID: _____

Date Analyzed: 04/12/23 11:47 Lab File ID: T04122308.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.08	Incomplete Integration	V6ZK	04/12/23 14:02
Bromomethane	1.52	Incomplete Integration	V6ZK	04/12/23 16:03
Diethyl ether	1.98	Incomplete Integration	V6ZK	04/12/23 14:15
1,1,2-Trichloro-1,2,2-trifluoroethane	2.14	Incomplete Integration	V6ZK	04/12/23 14:15
Acrolein	2.14	Incomplete Integration	V6ZK	04/12/23 14:15
1,1-Dichloroethene	2.17	Incomplete Integration	V6ZK	04/12/23 14:16
Carbon disulfide	2.33	Incomplete Integration	V6ZK	04/12/23 14:16
Isopropyl alcohol	2.36	Incomplete Integration	V6ZK	04/12/23 14:16
Methyl acetate	2.50	Incomplete Integration	V6ZK	04/12/23 14:16
Acetonitrile	2.55	Incomplete Integration	V6ZK	04/12/23 14:17
MTBE	2.76	Incomplete Integration	V6ZK	04/12/23 14:17
Isopropyl ether	3.11	Incomplete Integration	V6ZK	04/12/23 14:17
Vinyl acetate	3.16	Incomplete Integration	V6ZK	04/12/23 14:18
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	04/12/23 14:22
cis-1,2-Dichloroethene	3.56	Incomplete Integration	V6ZK	04/13/23 09:49
2-Butanone	3.59	Incomplete Integration	V6ZK	04/12/23 14:22
Ethyl acetate	3.59	Incomplete Integration	V6ZK	04/12/23 14:22
Tetrahydrofuran	3.73	Incomplete Integration	V6ZK	04/12/23 14:23
Carbon tetrachloride	3.96	Incomplete Integration	V6ZK	04/12/23 14:24
Isobutanol	4.11	Incomplete Integration	V6ZK	04/12/23 14:25
Tert-amyl methyl ether	4.19	Incomplete Integration	V6ZK	04/12/23 14:39
1,2-Dichloroethane	4.21	Incomplete Integration	V6ZK	04/12/23 15:10
n-Butanol	4.26	Incomplete Integration	V6ZK	04/12/23 14:26
1,2-Dichloropropane	4.79	Incomplete Integration	V6ZK	04/12/23 14:26
1,4-Dioxane (P-Dioxane)	4.86	Incomplete Integration	V6ZK	04/12/23 14:26
2-Nitropropane	5.19	Incomplete Integration	V6ZK	04/12/23 14:26
Epichlorohydrin	5.25	Incomplete Integration	V6ZK	04/12/23 14:26
trans-1,3-Dichloropropene	5.69	Incomplete Integration	V6ZK	04/12/23 14:27
1,2-Dibromoethane	6.17	Incomplete Integration	V6ZK	04/12/23 14:27

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A294 Analysis Batch Number: 98266

Lab Sample ID: IC 860-98266/2 Client Sample ID: _____

Date Analyzed: 04/12/23 11:47 Lab File ID: T04122308.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1-Chlorohexane	6.47	Incomplete Integration	V6ZK	04/12/23 15:12
Chlorobenzene	6.50	Incomplete Integration	V6ZK	04/12/23 14:30
Styrene	6.95	Incomplete Integration	V6ZK	04/12/23 14:31
1,1,2,2-Tetrachloroethane	7.46	Incomplete Integration	V6ZK	04/12/23 14:31
1,2,3-Trichloropropane	7.51	Incomplete Integration	V6ZK	04/12/23 14:31
trans-1,4-Dichloro-2-butene	7.52	Incomplete Integration	V6ZK	04/12/23 14:31
2-Chlorotoluene	7.57	Incomplete Integration	V6ZK	04/12/23 14:31
1,2-Dibromo-3-Chloropropane	9.09	Incomplete Integration	V6ZK	04/12/23 14:32
Hexachlorobutadiene	9.77	Incomplete Integration	V6ZK	04/12/23 14:32
1,2,3-Trichlorobenzene	10.06	Incomplete Integration	V6ZK	04/12/23 14:32
2-Methylnaphthalene	10.73	Incomplete Integration	V6ZK	04/12/23 14:32

Lab Sample ID: IC 860-98266/3 Client Sample ID: _____

Date Analyzed: 04/12/23 12:06 Lab File ID: T04122309.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.52	Incomplete Integration	V6ZK	04/12/23 16:04
Isopropyl alcohol	2.36	Incomplete Integration	V6ZK	04/12/23 14:00
Vinyl acetate	3.15	Incomplete Integration	V6ZK	04/12/23 14:54
cis-1,2-Dichloroethene	3.56	Incomplete Integration	V6ZK	04/13/23 09:49
Carbon tetrachloride	3.96	Incomplete Integration	V6ZK	04/12/23 14:33
2,2,4-Trimethylpentane	4.12	Incomplete Integration	V6ZK	04/12/23 14:01
Tert-amyl methyl ether	4.19	Incomplete Integration	V6ZK	04/12/23 14:33
1,2-Dichloroethane	4.21	Incomplete Integration	V6ZK	04/12/23 15:09
Methylcyclohexane	4.67	Incomplete Integration	V6ZK	04/12/23 14:01
1,4-Dioxane (P-Dioxane)	4.86	Incomplete Integration	V6ZK	04/12/23 14:01
2-Chloroethyl vinyl ether	5.19	Incomplete Integration	V6ZK	04/12/23 14:01
trans-1,4-Dichloro-2-butene	7.52	Incomplete Integration	V6ZK	04/13/23 09:51

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A294 Analysis Batch Number: 98266

Lab Sample ID: IC 860-98266/4 Client Sample ID: _____

Date Analyzed: 04/12/23 12:25 Lab File ID: T04122310.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.51	Incomplete Integration	V6ZK	04/12/23 16:04
Vinyl acetate	3.15	Incomplete Integration	V6ZK	04/12/23 14:53
2,2-Dichloropropane	3.53	Incomplete Integration	V6ZK	04/12/23 13:59
Ethyl acetate	3.58	Incomplete Integration	V6ZK	04/12/23 13:59
Carbon tetrachloride	3.97	Incomplete Integration	V6ZK	04/12/23 14:34
2,2,4-Trimethylpentane	4.12	Incomplete Integration	V6ZK	04/12/23 13:59
Tert-amyl methyl ether	4.19	Incomplete Integration	V6ZK	04/12/23 14:34
1,2-Dichloroethane	4.21	Incomplete Integration	V6ZK	04/12/23 15:09
Methylcyclohexane	4.67	Incomplete Integration	V6ZK	04/12/23 13:59
trans-1,4-Dichloro-2-butene	7.52	Incomplete Integration	V6ZK	04/13/23 09:51

Lab Sample ID: IC 860-98266/5 Client Sample ID: _____

Date Analyzed: 04/12/23 12:44 Lab File ID: T04122311.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.51	Incomplete Integration	V6ZK	04/12/23 16:06
Vinyl acetate	3.15	Incomplete Integration	V6ZK	04/12/23 14:57
2,2-Dichloropropane	3.53	Incomplete Integration	V6ZK	04/12/23 14:57
2-Butanone	3.58	Incomplete Integration	V6ZK	04/12/23 14:57
Ethyl acetate	3.59	Incomplete Integration	V6ZK	04/12/23 14:57
Carbon tetrachloride	3.97	Incomplete Integration	V6ZK	04/12/23 14:57
Tert-amyl methyl ether	4.19	Incomplete Integration	V6ZK	04/12/23 14:58
1,2-Dichloroethane	4.21	Incomplete Integration	V6ZK	04/12/23 15:08
Methylcyclohexane	4.67	Incomplete Integration	V6ZK	04/12/23 14:58
trans-1,4-Dichloro-2-butene	7.52	Incomplete Integration	V6ZK	04/13/23 09:52

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 98266

Lab Sample ID: ICIS 860-98266/6 Client Sample ID:

Date Analyzed: 04/12/23 13:03 Lab File ID: T04122312.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.50	Incomplete Integration	V6ZK	04/12/23 16:56
Bromomethane	1.51	Incomplete Integration	V6ZK	04/12/23 16:07
Vinyl acetate	3.15	Incomplete Integration	V6ZK	04/12/23 14:19
2,2-Dichloropropane	3.53	Incomplete Integration	V6ZK	04/12/23 14:19
2-Butanone	3.58	Incomplete Integration	V6ZK	04/12/23 13:56
Ethyl acetate	3.58	Incomplete Integration	V6ZK	04/12/23 14:19
Carbon tetrachloride	3.96	Incomplete Integration	V6ZK	04/12/23 14:35
2,2,4-Trimethylpentane	4.12	Incomplete Integration	V6ZK	04/12/23 13:51
Tert-amyl methyl ether	4.19	Incomplete Integration	V6ZK	04/12/23 14:20
1,2-Dichloroethane	4.21	Incomplete Integration	V6ZK	04/12/23 15:08
Methylcyclohexane	4.67	Incomplete Integration	V6ZK	04/12/23 13:51

Lab Sample ID: IC 860-98266/7 Client Sample ID:

Date Analyzed: 04/12/23 13:22 Lab File ID: T04122313.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.50	Incomplete Integration	V6ZK	04/12/23 16:56
Bromomethane	1.51	Incomplete Integration	V6ZK	04/12/23 16:08
2,2-Dichloropropane	3.53	Incomplete Integration	V6ZK	04/12/23 13:54
Ethyl acetate	3.59	Incomplete Integration	V6ZK	04/12/23 13:54
Carbon tetrachloride	3.97	Incomplete Integration	V6ZK	04/12/23 14:36
Tert-amyl methyl ether	4.19	Incomplete Integration	V6ZK	04/12/23 13:53
1,2-Dichloroethane	4.21	Incomplete Integration	V6ZK	04/12/23 15:07
Methylcyclohexane	4.67	Incomplete Integration	V6ZK	04/12/23 15:10
trans-1,4-Dichloro-2-butene	7.52	Incomplete Integration	V6ZK	04/13/23 09:52

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Instrument ID: A294 Analysis Batch Number: 98266

Lab Sample ID: IC 860-98266/8 Client Sample ID:

Date Analyzed: 04/12/23 13:41 Lab File ID: T04122314.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.50	Incomplete Integration	V6ZK	04/12/23 16:56
Bromomethane	1.51	Incomplete Integration	V6ZK	04/12/23 16:05
Vinyl acetate	3.15	Incomplete Integration	V6ZK	04/12/23 14:52
2,2-Dichloropropane	3.53	Incomplete Integration	V6ZK	04/12/23 14:03
Carbon tetrachloride	3.96	Incomplete Integration	V6ZK	04/12/23 14:37
Tert-amyl methyl ether	4.19	Incomplete Integration	V6ZK	04/12/23 14:39
1,2-Dichloroethane	4.21	Incomplete Integration	V6ZK	04/12/23 15:07
Methylcyclohexane	4.67	Incomplete Integration	V6ZK	04/12/23 14:04
2-Chloroethyl vinyl ether	5.19	Incomplete Integration	V6ZK	04/12/23 14:04
trans-1,4-Dichloro-2-butene	7.52	Incomplete Integration	V6ZK	04/13/23 09:53

Lab Sample ID: ICV 860-98266/10 Client Sample ID:

Date Analyzed: 04/12/23 14:56 Lab File ID: T04122318.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2-Dichloropropane	3.53	Incomplete Integration	V6ZK	04/13/23 10:03
2-Butanone	3.58	Incomplete Integration	V6ZK	04/13/23 10:03
Ethyl acetate	3.58	Incomplete Integration	V6ZK	04/13/23 10:03
Carbon tetrachloride	3.96	Incomplete Integration	V6ZK	04/13/23 10:04
Methylcyclohexane	4.67	Incomplete Integration	V6ZK	04/13/23 10:04

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Instrument ID: A294 Analysis Batch Number: 100341
Lab Sample ID: CCVIS 860-100341/2 Client Sample ID: _____
Date Analyzed: 04/25/23 21:20 Lab File ID: T04252337.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2-Dichloropropane	3.53	Peak assignment corrected	V6ZK	04/26/23 08:59
Ethyl acetate	3.58	Peak assignment corrected	V6ZK	04/26/23 08:59
Carbon tetrachloride	3.96	Incomplete Integration	V6ZK	04/26/23 09:00
Methylcyclohexane	4.67	Incomplete Integration	V6ZK	04/26/23 09:00

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Instrument ID: A166 Analysis Batch Number: 80208

Lab Sample ID: ICB 860-80208/9 Client Sample ID:

Date Analyzed: 12/03/22 21:56 Lab File ID: 03_Dec_2022 21_56.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	prommekw	12/05/22 15:57

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A166 Analysis Batch Number: 101063Lab Sample ID: IC 860-101063/1 Client Sample ID: _____Date Analyzed: 04/28/23 21:51 Lab File ID: 28_Apr_2023 21_51.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.02	Baseline Smoothing	prommekw	05/01/23 09:13

Lab Sample ID: IC 860-101063/2 Client Sample ID: _____Date Analyzed: 04/28/23 22:03 Lab File ID: 28_Apr_2023 22_03.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.01	Baseline Smoothing	prommekw	05/01/23 09:14

Lab Sample ID: IC 860-101063/3 Client Sample ID: _____Date Analyzed: 04/28/23 22:15 Lab File ID: 28_Apr_2023 22_15.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.00	Baseline Smoothing	prommekw	05/01/23 09:14

Lab Sample ID: IC 860-101063/4 Client Sample ID: _____Date Analyzed: 04/28/23 22:28 Lab File ID: 28_Apr_2023 22_28.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.01	Baseline Smoothing	prommekw	05/01/23 09:14

Lab Sample ID: IC 860-101063/5 Client Sample ID: _____Date Analyzed: 04/28/23 22:40 Lab File ID: 28_Apr_2023 22_40.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.01	Baseline Smoothing	prommekw	05/01/23 09:11

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A166 Analysis Batch Number: 101063Lab Sample ID: IC 860-101063/6 Client Sample ID: _____Date Analyzed: 04/28/23 22:52 Lab File ID: 28_Apr_2023 22_52.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.99	Baseline Smoothing	prommekw	05/01/23 09:11

Lab Sample ID: IC 860-101063/7 Client Sample ID: _____Date Analyzed: 04/28/23 23:05 Lab File ID: 28_Apr_2023 23_05.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.99	Baseline Smoothing	prommekw	05/01/23 09:10

Lab Sample ID: IC 860-101063/8 Client Sample ID: _____Date Analyzed: 04/28/23 23:17 Lab File ID: 28_Apr_2023 23_17.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromide	6.81	Baseline Smoothing	prommekw	05/01/23 09:06

Lab Sample ID: IC 860-101063/9 Client Sample ID: _____Date Analyzed: 04/28/23 23:30 Lab File ID: 28_Apr_2023 23_30.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.81	Baseline Smoothing	prommekw	05/01/23 09:15
Bromide	6.60	Baseline Smoothing	prommekw	05/01/23 09:15

Lab Sample ID: IC 860-101063/10 Client Sample ID: _____Date Analyzed: 04/28/23 23:42 Lab File ID: 28_Apr_2023 23_42.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.67	Baseline Smoothing	prommekw	05/01/23 09:15
Bromide	6.32	Baseline Smoothing	prommekw	05/01/23 09:15

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A166 Analysis Batch Number: 102220Lab Sample ID: CCVRT 860-102220/1 Client Sample ID: _____Date Analyzed: 05/08/23 13:56 Lab File ID: 08_May_2023 13_56.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromide	7.08	Baseline Smoothing	EN6W	05/08/23 15:48

Lab Sample ID: 860-47477-18 DL Client Sample ID: Artesia-MW-11-0423 DLDate Analyzed: 05/09/23 03:05 Lab File ID: 09_May_2023 03_05.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.19	Baseline Smoothing	prommekw	05/09/23 17:00

Lab Sample ID: CCB 860-102220/206 Client Sample ID: _____Date Analyzed: 05/09/23 04:25 Lab File ID: 09_May_2023 04_25.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	prommekw	05/09/23 17:01

Lab Sample ID: CCV 860-102220/217 Client Sample ID: _____Date Analyzed: 05/09/23 06:52 Lab File ID: 09_May_2023 06_52.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	6.42	Split Peak	EN6W	05/09/23 15:21
Bromide	7.07	Split Peak	EN6W	05/09/23 15:21

300.0

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM8260GASSTD_00074	09/06/23	04/10/23	Methanol, Lot 62272	10 mL	VMGasX_00004	200 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
.VMGasX_00004	08/31/25		Restek, Lot A0188946		(Purchased Reagent)		Vinyl chloride	50 ug/mL
							Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
VM8260ISS50_00019							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							1,4-Dichloro-2-butene, Total	
							Tentatively Identified Compound	
					VMISX_00002	250 uL	Trihalomethanes, Total	
							Xylenes, Total	
							1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Pentafluorobenzene	50 ug/mL
					VMSSX_00003	250 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VMISX_00002	05/31/23		Agilent, Lot 0006605448		(Purchased Reagent)		1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL
							Pentafluorobenzene	20000 ug/mL
.VMSSX_00003	05/31/23		Agilent, Lot 0006605447		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
							Toluene-d8 (Surr)	20000 ug/mL
VM8260ISS50_00020							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							1,4-Dichloro-2-butene, Total	
							Tentatively Identified Compound	
							Trihalomethanes, Total	

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VMISX_00004	250 uL	Xylenes, Total	
							1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
					VMSSX_00004	250 uL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
							1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL
							Pentafluorobenzene	20000 ug/mL
							1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
							Toluene-d8 (Surr)	20000 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							1-Methylnaphthalene	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Acrolein	250 ug/mL
							cis-1,4-Dichloro-2-butene	50 ug/mL
							Cyclohexanone	2500 ug/mL
							Dicyclopentadiene	50 ug/mL

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VMEpiHyWL_00002	200 uL	Epichlorohydrin	500.409 ug/mL
					VMEthyOxideX_00001	100 uL	Ethylene oxide	500 ug/mL
					VMKetonesX_00002	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					VML2/S6X_00005	200 uL	1-Chlorohexane	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	1240 ug/mL
					VML2/S7X_00004	200 uL	Ethyl acetate	100 ug/mL
							Methyl methacrylate	100 ug/mL
					VMMegMix_00003	200 uL	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-trifluor oethane	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-Trichloropropene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropene	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropene	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

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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-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
					VMPolarAddX_00003	200 uL	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
					VMPropeneX_00003	500 uL	Propene	50 ug/mL
					VMVinylAX_00003	500 uL	Vinyl acetate	250 ug/mL
.VM12MNapX_00007	07/09/30	AccuStandard, Lot 220071053			(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VM2CEVE_X_00002	09/30/24		Restek, Lot A0176827		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.VM4EthylTX_00006	10/08/24		Absolute Standards, Lot 100819		(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL
.VMAcroleinX_00003	08/31/23		Restek, Lot A0182162		(Purchased Reagent)		Acrolein	20000 ug/mL
.VMcis14D2B_00003	06/08/23		Absolute, Lot 060820		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	1000 ug/mL
.VMCycchexone_00002	12/31/23		Restek, Lot A0167351		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.VMDicycloX_00007	09/28/26		Absolute Standards, Lot 092821		(Purchased Reagent)		Dicyclopentadiene	1000 ug/mL
.VMEpiHyWL_00002	06/30/23	01/24/23	Methanol, Lot 60049	10 mL	VMEpichydL_00001	211.5 uL	Epichlorohydrin	25020.5 mg/L
.VMEpichydL_00001	03/31/28		ChemService, Lot 12570600		(Purchased Reagent)		Epichlorohydrin	1.183 g/mL
.VMEthyOxideX_00001	11/30/23		Sigma-Aldrich, Lot LRAC8595		(Purchased Reagent)		Ethylene oxide	50 mg/mL
.VMKetonesX_00002	01/31/24		Restek, Lot A0174287		(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
.VML2/S6X_00005	11/30/23		Restek, Lot A0184916		(Purchased Reagent)		1-Chlorohexane	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	62000 ug/mL
.VML2/S7X_00004	07/31/23		Restek, Lot A0180509		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
.VMMegMix_00003	09/30/24		Restek, Lot A0183568		(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-trifluor oethane	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-Trichloropropene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropene	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropene	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropene	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							n-Butylbenzene	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
.VMPolarAddX_00003	06/30/23	Restek, Lot A0172903			(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.VMPropeneX_00003	01/09/25		SPEX, Lot SM221221015		(Purchased Reagent)		Propene	1000 ug/mL
.VMVinylAX_00003	06/30/23		Restek, Lot A0179890		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
WC-IC-P2_00007	10/31/23		CPI, Lot 10068635-3		(Purchased Reagent)		Bromide	1000 ug/mL
							Chloride	1000 ug/mL
							Fluoride	1000 ug/mL
							Sulfate	1000 ug/mL
WC-TOC-ICV_00110	05/11/23	03/10/23	DI Water, Lot NA	250 mL	WC-TOC-P_00012	2.5 mL	Total Organic Carbon	10 ug/mL
.WC-TOC-P_00012	06/13/25		Inorganic Ventures, Lot sc-c706040		(Purchased Reagent)		Total Organic Carbon	1000 ug/mL
WC-TOC-LCS_00125	05/11/23	03/10/23	DI Water, Lot N/A	250 mL	WC-TOC-P_00012	1.25 mL	Total Organic Carbon	5 ug/mL
.WC-TOC-P_00012	06/13/25		Inorganic Ventures, Lot sc-c706040		(Purchased Reagent)		Total Organic Carbon	1000 ug/mL

Method 8260D

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-47477-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Artesia-MW-29-0423	860-47477-1	92	107	101	95
Artesia-INLET-0423	860-47477-2	91	99	100	96
Artesia-MW-39-0423	860-47477-3	97	102	101	98
Artesia-MD-31-0423	860-47477-4	91	99	97	95
Artesia-MW-31-0423	860-47477-5	90	102	101	94
Artesia-OUTLET-0423	860-47477-6	96	103	99	96
Artesia-MW-28-0423	860-47477-7	93	105	101	96
Artesia-MW-30-0423	860-47477-8	91	102	100	94
Artesia-MID-0423	860-47477-9	92	102	101	100
Artesia-MW-40-0423	860-47477-10	90	102	100	99
Artesia-MW-35-0423	860-47477-11	92	100	98	93
Artesia-MW-38-0423	860-47477-12	95	101	101	97
Artesia-MW-38-0423 RA	860-47477-12 RA	109	105	103	100
Artesia-MW-37-0423	860-47477-16	93	102	101	94
Artesia-MW-37-0423 RA	860-47477-16 RA	99	103	102	96
Artesia-MW-11-0423	860-47477-19	94	101	98	92
Artesia-MW-11-0423 -FD	860-47477-20	92	101	98	98
Artesia-TB-01-0423	860-47477-22	93	100	99	96
Artesia-MW-12-0423	860-47477-25	94	104	99	97
Artesia-MW-12-0423 RA	860-47477-25 RA	100	104	103	102
Artesia-MW-36-0423	860-47477-27	93	99	100	95
Artesia-MW-17C-0423	860-47477-30	93	101	100	96
	MB 860-100341/10	95	99	100	95
	MB 860-100772/9	97	98	104	104
	LCS 860-100341/3	100	101	96	94
	LCS 860-100772/3	104	99	99	101
	LCSD 860-100341/4	97	98	97	96
	LCSD 860-100772/4	102	99	101	103
Artesia-MW-12-0423 MS	860-47477-25 MS	94	100	97	95
Artesia-MW-12-0423 MSD	860-47477-25 MSD	92	97	97	96

QC LIMITS

DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-117
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260D

FORM III

GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Matrix: WaterLevel: LowLab File ID: E04272337.D

Lab ID: LCS 860-100772/3Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.04910	98	70-130	
1,1-Dichloroethene	0.0500	0.04573	91	50-150	
Benzene	0.0500	0.04944	99	75-125	
Naphthalene	0.0500	0.05730	115	70-130	
Tetrachloroethene	0.0500	0.04781	96	71-125	

FORM III

GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Matrix: WaterLevel: LowLab File ID: T04252339.D

Lab ID: LCSD 860-100341/4Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	0.0500	0.05016	100	6	25	70-130	
1,1-Dichloroethene	0.0500	0.04677	94	5	25	50-150	
Benzene	0.0500	0.05168	103	1	25	75-125	
Naphthalene	0.0500	0.06157	123	7	25	70-130	
Tetrachloroethene	0.0500	0.05390	108	5	25	71-125	

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 Houston Job No.: 860-47477-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: E04272338.D

Lab ID: LCSD 860-100772/4 Client ID: _____

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	0.0500	0.04861	97	1	25	70-130	
1,1-Dichloroethene	0.0500	0.04782	96	4	25	50-150	
Benzene	0.0500	0.04823	96	2	25	75-125	
Naphthalene	0.0500	0.05207	104	10	25	70-130	
Tetrachloroethene	0.0500	0.04919	98	3	25	71-125	

05/09/2023

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.:
Matrix: Water Level: Low Lab File ID: T04252340.D
Lab ID: 860-47477-25 MS Client ID: Artesia-MW-12-0423 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.0227	0.07276	100	72-125	
1,1-Dichloroethene	0.0500	0.000738 U	0.04553	91	59-172	
Benzene	0.0500	0.00167	0.05300	103	66-142	
Naphthalene	0.0500	0.00191 J	0.07229	141	70-130	F1
Tetrachloroethene	0.0500	0.000801 U	0.05673	113	71-125	

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 Houston Job No.: 860-47477-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: T04252341.D
Lab ID: 860-47477-25 MSD Client ID: Artesia-MW-12-0423 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	0.0500	0.07117	97	2	25	72-125	
1,1-Dichloroethene	0.0500	0.04308	86	6	25	59-172	
Benzene	0.0500	0.05248	102	1	25	66-142	
Naphthalene	0.0500	0.06458	125	11	25	70-130	
Tetrachloroethene	0.0500	0.05379	108	5	25	71-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1
 SDG No.: _____
 Lab File ID: T04252345.D Lab Sample ID: MB 860-100341/10
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A294 Date Analyzed: 04/25/2023 23:51
 GC Column: DB-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 860-100341/3	T04252338.D	04/25/2023 21:39
	LCSD 860-100341/4	T04252339.D	04/25/2023 21:58
Artesia-MW-12-0423 MS	860-47477-25 MS	T04252340.D	04/25/2023 22:17
Artesia-MW-12-0423 MSD	860-47477-25 MSD	T04252341.D	04/25/2023 22:36
Artesia-TB-01-0423	860-47477-22	T04252346.D	04/26/2023 00:10
Artesia-MW-12-0423	860-47477-25	T04252347.D	04/26/2023 00:29
Artesia-MW-29-0423	860-47477-1	T04252349.D	04/26/2023 01:07
Artesia-INLET-0423	860-47477-2	T04252350.D	04/26/2023 01:26
Artesia-MW-39-0423	860-47477-3	T04252351.D	04/26/2023 01:45
Artesia-MD-31-0423	860-47477-4	T04252352.D	04/26/2023 02:04
Artesia-MW-31-0423	860-47477-5	T04252353.D	04/26/2023 02:23
Artesia-OUTLET-0423	860-47477-6	T04252354.D	04/26/2023 02:42
Artesia-MW-28-0423	860-47477-7	T04252355.D	04/26/2023 03:01
Artesia-MW-30-0423	860-47477-8	T04252356.D	04/26/2023 03:20
Artesia-MID-0423	860-47477-9	T04252357.D	04/26/2023 03:39
Artesia-MW-40-0423	860-47477-10	T04252358.D	04/26/2023 03:58
Artesia-MW-35-0423	860-47477-11	T04252359.D	04/26/2023 04:17
Artesia-MW-38-0423	860-47477-12	T04252360.D	04/26/2023 04:36
Artesia-MW-37-0423	860-47477-16	T04252361.D	04/26/2023 04:55
Artesia-MW-11-0423	860-47477-19	T04252362.D	04/26/2023 05:14
Artesia-MW-11-0423-FD	860-47477-20	T04252363.D	04/26/2023 05:33
Artesia-MW-36-0423	860-47477-27	T04252364.D	04/26/2023 05:52
Artesia-MW-17C-0423	860-47477-30	T04252365.D	04/26/2023 06:11

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Lab File ID: E04272343.D Lab Sample ID: MB 860-100772/9
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: A292 Date Analyzed: 04/27/2023 21:12
GC Column: DB-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 860-100772/3	E04272337.D	04/27/2023 19:09
	LCSD 860-100772/4	E04272338.D	04/27/2023 19:29
Artesia-MW-38-0423 RA	860-47477-12 RA	E04272350.D	04/27/2023 23:36
Artesia-MW-37-0423 RA	860-47477-16 RA	E04272351.D	04/27/2023 23:56
Artesia-MW-12-0423 RA	860-47477-25 RA	E04272352.D	04/28/2023 00:17

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

Lab Name: Eurofins Houston Job No.: 860-47477-1
 SDG No.: _____
 Lab File ID: E04262302.D BFB Injection Date: 04/26/2023
 Instrument ID: A292 BFB Injection Time: 07:00
 Analysis Batch No.: 100412

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.4
75	30.0 - 60.0 % of mass 95	49.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	87.4
175	5.0 - 9.0 % of mass 174	7.3 (8.3) 1
176	95.0 - 101.0 % of mass 174	83.6 (95.7) 1
177	5.0 - 9.0 % of mass 176	5.6 (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
	IC 860-100412/2	E04262303.D	04/26/2023	7:20
	IC 860-100412/3	E04262304.D	04/26/2023	7:41
	IC 860-100412/4	E04262305.D	04/26/2023	8:02
	IC 860-100412/5	E04262306.D	04/26/2023	8:22
	ICIS 860-100412/6	E04262307.D	04/26/2023	8:43
	IC 860-100412/7	E04262308.D	04/26/2023	9:03
	IC 860-100412/8	E04262309.D	04/26/2023	9:24
	ICV 860-100412/11	E04262312.D	04/26/2023	10:25

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

Lab Name: Eurofins Houston Job No.: 860-47477-1
 SDG No.: _____
 Lab File ID: E04272334.D BFB Injection Date: 04/27/2023
 Instrument ID: A292 BFB Injection Time: 18:07
 Analysis Batch No.: 100772

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.6
75	30.0 - 60.0 % of mass 95	49.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	85.2
175	5.0 - 9.0 % of mass 174	6.9 (8.1) 1
176	95.0 - 101.0 % of mass 174	81.9 (96.1) 1
177	5.0 - 9.0 % of mass 176	5.7 (7.0) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-100772/2	E04272336.D	04/27/2023	18:48
	LCS 860-100772/3	E04272337.D	04/27/2023	19:09
	LCSD 860-100772/4	E04272338.D	04/27/2023	19:29
	MB 860-100772/9	E04272343.D	04/27/2023	21:12
Artesia-MW-38-0423 RA	860-47477-12 RA	E04272350.D	04/27/2023	23:36
Artesia-MW-37-0423 RA	860-47477-16 RA	E04272351.D	04/27/2023	23:56
Artesia-MW-12-0423 RA	860-47477-25 RA	E04272352.D	04/28/2023	0:17

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

Lab Name: Eurofins Houston Job No.: 860-47477-1
 SDG No.: _____
 Lab File ID: T04122307.D BFB Injection Date: 04/12/2023
 Instrument ID: A294 BFB Injection Time: 11:28
 Analysis Batch No.: 98266

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.9
75	30.0 - 60.0 % of mass 95	54.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.5 (0.6) 1
174	Greater than 50% of mass 95	79.3
175	5.0 - 9.0 % of mass 174	6.0 (7.6) 1
176	95.0 - 101.0 % of mass 174	76.0 (95.8) 1
177	5.0 - 9.0 % of mass 176	5.1 (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
	IC 860-98266/2	T04122308.D	04/12/2023	11:47
	IC 860-98266/3	T04122309.D	04/12/2023	12:06
	IC 860-98266/4	T04122310.D	04/12/2023	12:25
	IC 860-98266/5	T04122311.D	04/12/2023	12:44
	ICIS 860-98266/6	T04122312.D	04/12/2023	13:03
	IC 860-98266/7	T04122313.D	04/12/2023	13:22
	IC 860-98266/8	T04122314.D	04/12/2023	13:41
	ICV 860-98266/10	T04122318.D	04/12/2023	14:56

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

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Lab File ID: T04252335.D

BFB Injection Date: 04/25/2023

Instrument ID: A294

BFB Injection Time: 20:42

Analysis Batch No.: 100341

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.0
75	30.0 - 60.0 % of mass 95	56.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.4 (0.5) 1
174	Greater than 50% of mass 95	85.6
175	5.0 - 9.0 % of mass 174	5.7 (6.7) 1
176	95.0 - 101.0 % of mass 174	84.7 (98.9) 1
177	5.0 - 9.0 % of mass 176	5.5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-100341/2	T04252337.D	04/25/2023	21:20
	LCS 860-100341/3	T04252338.D	04/25/2023	21:39
	LCSD 860-100341/4	T04252339.D	04/25/2023	21:58
Artesia-MW-12-0423 MS	860-47477-25 MS	T04252340.D	04/25/2023	22:17
Artesia-MW-12-0423 MSD	860-47477-25 MSD	T04252341.D	04/25/2023	22:36
	MB 860-100341/10	T04252345.D	04/25/2023	23:51
Artesia-TB-01-0423	860-47477-22	T04252346.D	04/26/2023	0:10
Artesia-MW-12-0423	860-47477-25	T04252347.D	04/26/2023	0:29
Artesia-MW-29-0423	860-47477-1	T04252349.D	04/26/2023	1:07
Artesia-INLET-0423	860-47477-2	T04252350.D	04/26/2023	1:26
Artesia-MW-39-0423	860-47477-3	T04252351.D	04/26/2023	1:45
Artesia-MD-31-0423	860-47477-4	T04252352.D	04/26/2023	2:04
Artesia-MW-31-0423	860-47477-5	T04252353.D	04/26/2023	2:23
Artesia-OUTLET-0423	860-47477-6	T04252354.D	04/26/2023	2:42
Artesia-MW-28-0423	860-47477-7	T04252355.D	04/26/2023	3:01
Artesia-MW-30-0423	860-47477-8	T04252356.D	04/26/2023	3:20
Artesia-MID-0423	860-47477-9	T04252357.D	04/26/2023	3:39
Artesia-MW-40-0423	860-47477-10	T04252358.D	04/26/2023	3:58
Artesia-MW-35-0423	860-47477-11	T04252359.D	04/26/2023	4:17
Artesia-MW-38-0423	860-47477-12	T04252360.D	04/26/2023	4:36
Artesia-MW-37-0423	860-47477-16	T04252361.D	04/26/2023	4:55
Artesia-MW-11-0423	860-47477-19	T04252362.D	04/26/2023	5:14
Artesia-MW-11-0423-FD	860-47477-20	T04252363.D	04/26/2023	5:33
Artesia-MW-36-0423	860-47477-27	T04252364.D	04/26/2023	5:52
Artesia-MW-17C-0423	860-47477-30	T04252365.D	04/26/2023	6:11

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Sample No.: ICIS 860-100412/6 Date Analyzed: 04/26/2023 08:43

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): E04262307.D Heated Purge: (Y/N) N

Calibration ID: 5064

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		378342	3.74	608868	4.25	524718	6.29
UPPER LIMIT		756684	4.24	1217736	4.75	1049436	6.79
LOWER LIMIT		189171	3.24	304434	3.75	262359	5.79
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 860-100412/11		405763	3.74	600750	4.25	532235	6.29
CCVIS 860-100772/2		408835	3.74	629776	4.25	536503	6.29

PFB = Pentafluorobenzene

DFBZ = 1,4-Difluorobenzene

CBNZd5 = Chlorobenzene-d5

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Sample No.: ICIS 860-100412/6 Date Analyzed: 04/26/2023 08:43
Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm)
Lab File ID (Standard): E04262307.D Heated Purge: (Y/N) N
Calibration ID: 5064

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		263217	7.99				
UPPER LIMIT		526434	8.49				
LOWER LIMIT		131609	7.49				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-100412/11		264839	7.99				
CCVIS 860-100772/2		263944	8.00				

DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Sample No.: CCVIS 860-100772/2 Date Analyzed: 04/27/2023 18:48

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): E04272336.D Heated Purge: (Y/N) N

Calibration ID: 5064

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		408835	3.74	629776	4.25	536503	6.29
UPPER LIMIT		817670	4.24	1259552	4.75	1073006	6.79
LOWER LIMIT		204418	3.24	314888	3.75	268252	5.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-100772/3		406066	3.74	599868	4.25	528377	6.29
LCSD 860-100772/4		400167	3.74	627105	4.25	539117	6.29
MB 860-100772/9		463220	3.74	679266	4.25	549736	6.30
860-47477-12 RA	Artesia-MW-38-0423 RA	397987	3.74	632725	4.25	532632	6.29
860-47477-16 RA	Artesia-MW-37-0423 RA	392234	3.74	579837	4.25	484575	6.29
860-47477-25 RA	Artesia-MW-12-0423 RA	426371	3.75	629244	4.25	519455	6.29

PFB = Pentafluorobenzene

DFBZ = 1,4-Difluorobenzene

CBNZd5 = Chlorobenzene-d5

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Sample No.: CCVIS 860-100772/2 Date Analyzed: 04/27/2023 18:48

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): E04272336.D Heated Purge: (Y/N) N

Calibration ID: 5064

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		263944	8.00				
UPPER LIMIT		527888	8.50				
LOWER LIMIT		131972	7.50				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-100772/3		257588	7.99				
LCSD 860-100772/4		259464	7.99				
MB 860-100772/9		245592	8.00				
860-47477-12 RA	Artesia-MW-38-0423 RA	250413	7.99				
860-47477-16 RA	Artesia-MW-37-0423 RA	240181	7.99				
860-47477-25 RA	Artesia-MW-12-0423 RA	239422	8.00				

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Sample No.: ICIS 860-98266/6 Date Analyzed: 04/12/2023 13:03
Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm)
Lab File ID (Standard): T04122312.D Heated Purge: (Y/N) N
Calibration ID: 4951

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		439486	3.93	773596	4.44	741758	6.47
UPPER LIMIT		878972	4.43	1547192	4.94	1483516	6.97
LOWER LIMIT		219743	3.43	386798	3.94	370879	5.97
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 860-98266/10		447072	3.93	792136	4.44	729725	6.47
CCVIS 860-100341/2		352927	3.93	575116	4.43	543246	6.47

PFB = Pentafluorobenzene

DFBZ = 1,4-Difluorobenzene

CBNZd5 = Chlorobenzene-d5

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Sample No.: ICIS 860-98266/6 Date Analyzed: 04/12/2023 13:03
Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm)
Lab File ID (Standard): T04122312.D Heated Purge: (Y/N) N
Calibration ID: 4951

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		389422	8.19				
UPPER LIMIT		778844	8.69				
LOWER LIMIT		194711	7.69				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-98266/10		365685	8.19				
CCVIS 860-100341/2		289833	8.19				

DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Sample No.: CCVIS 860-100341/2 Date Analyzed: 04/25/2023 21:20

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): T04252337.D Heated Purge: (Y/N) N

Calibration ID: 4951

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		352927	3.93	575116	4.43	543246	6.47
UPPER LIMIT		705854	4.43	1150232	4.93	1086492	6.97
LOWER LIMIT		176464	3.43	287558	3.93	271623	5.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-100341/3		379813	3.93	611656	4.43	612431	6.47
LCSD 860-100341/4		375024	3.93	620593	4.43	588703	6.47
860-47477-25 MS	Artesia-MW-12-0423 MS	382329	3.93	614034	4.43	571102	6.47
860-47477-25 MSD	Artesia-MW-12-0423 MSD	405939	3.93	652059	4.43	615803	6.47
MB 860-100341/10		404768	3.93	653432	4.43	597543	6.47
860-47477-22	Artesia-TB-01-0423	418652	3.93	664281	4.43	602199	6.47
860-47477-25	Artesia-MW-12-0423	390134	3.93	638151	4.43	583694	6.47
860-47477-1	Artesia-MW-29-0423	401134	3.93	602108	4.43	571276	6.47
860-47477-2	Artesia-INLET-0423	398790	3.93	629537	4.43	573741	6.47
860-47477-3	Artesia-MW-39-0423	373451	3.93	606279	4.43	541827	6.47
860-47477-4	Artesia-MD-31-0423	360812	3.93	611652	4.43	563871	6.47
860-47477-5	Artesia-MW-31-0423	373976	3.93	589773	4.43	533983	6.47
860-47477-6	Artesia-OUTLET-0423	361574	3.93	597702	4.43	533925	6.47
860-47477-7	Artesia-MW-28-0423	367826	3.93	593144	4.43	541269	6.47
860-47477-8	Artesia-MW-30-0423	359138	3.93	560601	4.43	511168	6.47
860-47477-9	Artesia-MID-0423	351444	3.93	561692	4.43	492931	6.47
860-47477-10	Artesia-MW-40-0423	340721	3.93	561868	4.43	503769	6.47
860-47477-11	Artesia-MW-35-0423	341178	3.93	540585	4.43	510831	6.47
860-47477-12	Artesia-MW-38-0423	335271	3.93	515248	4.43	470371	6.47
860-47477-16	Artesia-MW-37-0423	358362	3.93	553380	4.44	511522	6.47
860-47477-19	Artesia-MW-11-0423	402033	3.93	638124	4.43	595795	6.47
860-47477-20	Artesia-MW-11-0423- FD	359983	3.93	548449	4.43	527780	6.47
860-47477-27	Artesia-MW-36-0423	350638	3.93	549936	4.43	502180	6.47
860-47477-30	Artesia-MW-17C-0423	352261	3.93	564791	4.43	511704	6.47

PFB = Pentafluorobenzene

DFBZ = 1,4-Difluorobenzene

CBNZd5 = Chlorobenzene-d5

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Sample No.: CCVIS 860-100341/2 Date Analyzed: 04/25/2023 21:20

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): T04252337.D Heated Purge: (Y/N) N

Calibration ID: 4951

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		289833	8.19				
UPPER LIMIT		579666	8.69				
LOWER LIMIT		144917	7.69				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-100341/3		338645	8.19				
LCSD 860-100341/4		322637	8.19				
860-47477-25 MS	Artesia-MW-12-0423 MS	303853	8.19				
860-47477-25 MSD	Artesia-MW-12-0423 MSD	334835	8.19				
MB 860-100341/10		311802	8.19				
860-47477-22	Artesia-TB-01-0423	313069	8.19				
860-47477-25	Artesia-MW-12-0423	304126	8.19				
860-47477-1	Artesia-MW-29-0423	298269	8.19				
860-47477-2	Artesia-INLET-0423	297675	8.19				
860-47477-3	Artesia-MW-39-0423	271604	8.19				
860-47477-4	Artesia-MD-31-0423	304125	8.19				
860-47477-5	Artesia-MW-31-0423	275119	8.19				
860-47477-6	Artesia-OUTLET-0423	276623	8.19				
860-47477-7	Artesia-MW-28-0423	280950	8.19				
860-47477-8	Artesia-MW-30-0423	267783	8.19				
860-47477-9	Artesia-MID-0423	247931	8.18				
860-47477-10	Artesia-MW-40-0423	253938	8.19				
860-47477-11	Artesia-MW-35-0423	276920	8.19				
860-47477-12	Artesia-MW-38-0423	243471	8.19				
860-47477-16	Artesia-MW-37-0423	276775	8.19				
860-47477-19	Artesia-MW-11-0423	320636	8.19				
860-47477-20	Artesia-MW-11-0423- FD	270434	8.19				
860-47477-27	Artesia-MW-36-0423	266944	8.19				
860-47477-30	Artesia-MW-17C-0423	264332	8.18				

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-29-0423 Lab Sample ID: 860-47477-1
Matrix: Water Lab File ID: T04252349.D
Analysis Method: 8260D Date Collected: 04/18/2023 10:45
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 01:07
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00256		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00540		0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.0114		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	92		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-INLET-0423 Lab Sample ID: 860-47477-2
Matrix: Water Lab File ID: T04252350.D
Analysis Method: 8260D Date Collected: 04/18/2023 09:15
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 01:26
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00148		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00481		0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00565		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	91		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-39-0423 Lab Sample ID: 860-47477-3
Matrix: Water Lab File ID: T04252351.D
Analysis Method: 8260D Date Collected: 04/18/2023 13:30
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 01:45
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00455		0.00100	0.000738
127-18-4	Tetrachloroethene	0.00875		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Client Sample ID: Artesia-MD-31-0423 Lab Sample ID: 860-47477-4

Matrix: Water Lab File ID: T04252352.D

Analysis Method: 8260D Date Collected: 04/18/2023 15:30

Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 02:04

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00265		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	91		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-31-0423 Lab Sample ID: 860-47477-5
Matrix: Water Lab File ID: T04252353.D
Analysis Method: 8260D Date Collected: 04/18/2023 15:30
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 02:23
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00250		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	90		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Client Sample ID: Artesia-OUTLET-0423 Lab Sample ID: 860-47477-6

Matrix: Water Lab File ID: T04252354.D

Analysis Method: 8260D Date Collected: 04/18/2023 09:15

Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 02:42

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00274		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	96		75-131
2037-26-5	Toluene-d8 (Surr)	99		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-28-0423 Lab Sample ID: 860-47477-7
Matrix: Water Lab File ID: T04252355.D
Analysis Method: 8260D Date Collected: 04/18/2023 11:45
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 03:01
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00388		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	93		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Client Sample ID: Artesia-MW-30-0423 Lab Sample ID: 860-47477-8

Matrix: Water Lab File ID: T04252356.D

Analysis Method: 8260D Date Collected: 04/18/2023 12:30

Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 03:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000931	J	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00120		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	91		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MID-0423 Lab Sample ID: 860-47477-9
Matrix: Water Lab File ID: T04252357.D
Analysis Method: 8260D Date Collected: 04/18/2023 09:15
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 03:39
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00208		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00305		0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	92		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-40-0423 Lab Sample ID: 860-47477-10
Matrix: Water Lab File ID: T04252358.D
Analysis Method: 8260D Date Collected: 04/18/2023 14:00
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 03:58
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
460-00-4	4-Bromofluorobenzene (Surr)	99		74-124
1868-53-7	Dibromofluoromethane (Surr)	90		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-35-0423 Lab Sample ID: 860-47477-11
Matrix: Water Lab File ID: T04252359.D
Analysis Method: 8260D Date Collected: 04/18/2023 14:40
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 04:17
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0128		0.00100	0.000738
127-18-4	Tetrachloroethene	0.0168		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
460-00-4	4-Bromofluorobenzene (Surr)	93		74-124
1868-53-7	Dibromofluoromethane (Surr)	92		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-38-0423 Lab Sample ID: 860-47477-12
Matrix: Water Lab File ID: T04252360.D
Analysis Method: 8260D Date Collected: 04/19/2023 12:05
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 04:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.102		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00167		0.00100	0.000738
71-43-2	Benzene	0.00481		0.00100	0.000533
127-18-4	Tetrachloroethene	0.00191		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	95		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-38-0423 RA Lab Sample ID: 860-47477-12 RA
Matrix: Water Lab File ID: E04272350.D
Analysis Method: 8260D Date Collected: 04/19/2023 12:05
Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2023 23:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100772 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00153	J	0.0100	0.00135

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		63-144
460-00-4	4-Bromofluorobenzene (Surr)	100		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-37-0423 Lab Sample ID: 860-47477-16
Matrix: Water Lab File ID: T04252361.D
Analysis Method: 8260D Date Collected: 04/19/2023 09:25
Sample wt/vol: 5(mL) Date Analyzed: 04/26/2023 04:55
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00496		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00117		0.00100	0.000738
71-43-2	Benzene	0.0154		0.00100	0.000533
127-18-4	Tetrachloroethene	0.00202		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		63-144
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	93		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-37-0423 RA Lab Sample ID: 860-47477-16 RA
Matrix: Water Lab File ID: E04272351.D
Analysis Method: 8260D Date Collected: 04/19/2023 09:25
Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2023 23:56
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100772 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00314	J	0.0100	0.00135

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	102		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-11-0423 Lab Sample ID: 860-47477-19
Matrix: Water Lab File ID: T04252362.D
Analysis Method: 8260D Date Collected: 04/19/2023 13:23
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 05:14
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	92		74-124
1868-53-7	Dibromofluoromethane (Surr)	94		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Client Sample ID: Artesia-MW-11-0423-FD Lab Sample ID: 860-47477-20

Matrix: Water Lab File ID: T04252363.D

Analysis Method: 8260D Date Collected: 04/19/2023 13:23

Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 05:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	98		74-124
1868-53-7	Dibromofluoromethane (Surr)	92		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-TB-01-0423 Lab Sample ID: 860-47477-22
Matrix: Water Lab File ID: T04252346.D
Analysis Method: 8260D Date Collected: 04/19/2023 08:00
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 00:10
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	93		75-131
2037-26-5	Toluene-d8 (Surr)	99		80-117

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-12-0423 Lab Sample ID: 860-47477-25
Matrix: Water Lab File ID: T04252347.D
Analysis Method: 8260D Date Collected: 04/18/2023 14:45
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 00:29
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0227		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.00167		0.00100	0.000533
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
460-00-4	4-Bromofluorobenzene (Surr)	97		74-124
1868-53-7	Dibromofluoromethane (Surr)	94		75-131
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-12-0423 RA Lab Sample ID: 860-47477-25 RA
Matrix: Water Lab File ID: E04272352.D
Analysis Method: 8260D Date Collected: 04/18/2023 14:45
Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2023 00:17
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100772 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	0.00166	J	0.0100	0.00135

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		63-144
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-36-0423 Lab Sample ID: 860-47477-27
Matrix: Water Lab File ID: T04252364.D
Analysis Method: 8260D Date Collected: 04/18/2023 16:45
Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 05:52
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0165		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.00642		0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00580		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	93		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Client Sample ID: Artesia-MW-17C-0423 Lab Sample ID: 860-47477-30

Matrix: Water Lab File ID: T04252365.D

Analysis Method: 8260D Date Collected: 04/18/2023 12:00

Sample wt/vol: 5 (mL) Date Analyzed: 04/26/2023 06:11

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	93		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-100412/2	E04262303.D
Level 2	IC 860-100412/3	E04262304.D
Level 3	IC 860-100412/4	E04262305.D
Level 4	IC 860-100412/5	E04262306.D
Level 5	ICIS 860-100412/6	E04262307.D
Level 6	IC 860-100412/7	E04262308.D
Level 7	IC 860-100412/8	E04262309.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								
Propene	+++++ 0.1354	0.2870 0.1192	0.1920	0.1560	0.1535	Qua	0.433 0	0.157 0	-0.000269			17.6			0.9990		0.9900
Dichlorodifluoromethane	0.2740 0.2587	0.3198 0.2436	0.2790	0.2512	0.2570	Ave		0.269 1				9.5		20.0			
Chloromethane	0.3916 0.3304	0.3735 0.3197	0.3429	0.3482	0.3224	Ave		0.346 9				7.8		20.0			
Vinyl chloride	0.3513 0.3612	0.3956 0.3274	0.3768	0.3405	0.3287	Ave		0.354 5				7.1		20.0			
1,3-Butadiene	0.3475 0.2959	0.3433 0.2848	0.2905	0.2775	0.2993	Ave		0.305 5				9.2		20.0			
Bromomethane	+++++ 0.1766	0.3328 0.1717	0.2832	0.2451	0.2090	Qua	1.070 3	0.188 5	-0.000169			22.6			0.9980		0.9900
Chloroethane	0.2006 0.1874	0.2460 0.1586	0.2062	0.2095	0.1933	Ave		0.200 2				13.2		20.0			
Dichlorofluoromethane	0.6327 0.5964	0.6764 0.5581	0.6262	0.6120	0.5930	Ave		0.613 5				6.1		20.0			
Trichlorofluoromethane	0.4931 0.5013	0.5520 0.4739	0.5245	0.5012	0.4971	Ave		0.506 1				5.0		20.0			
Diethyl ether	0.3601 0.2962	0.3430 0.2823	0.3137	0.3020	0.3144	Ave		0.316 0				8.6		20.0			
Acrolein	0.0481 0.0451	0.0517 0.0435	0.0463	0.0497	0.0496	Ave		0.047 7				6.0		20.0			
1,1-Dichloroethene	0.3106 0.2672	0.3057 0.2524	0.2744	0.2650	0.2808	Ave		0.279 4				7.7		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2462 0.2379	0.2833 0.2275	0.2404	0.2365	0.2596	Ave		0.247 3				7.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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								
Acetone	+++++ 0.0373	0.0453 0.0359	0.0404	0.0401	0.0412	Ave		0.040 n				8.2		20.0			
Iodomethane (Methyl Iodide)	0.1654 0.4453	0.2430 0.4216	0.2993	0.3702	0.4542	Lin1	-0.45 3	0.431 q				24.4			0.9950		0.9950
Carbon disulfide	0.6748 0.6915	0.6829 0.6613	0.6288	0.6330	0.7063	Ave		0.668 4				4.4		20.0			
Isopropyl alcohol	0.0316 0.0234	0.0275 0.0227	0.0259	0.0253	0.0262	Ave		0.026 1				11.3		20.0			
Acetonitrile	0.0353 0.0305	0.0332 0.0296	0.0328	0.0333	0.0322	Ave		0.032 4				5.9		20.0			
Allyl Chloride (3-Chloropropene)	0.1767 0.1657	0.1749 0.1622	0.1452	0.1421	0.1773	Ave		0.163 4				9.0		20.0			
Methyl acetate	0.5337 0.4171	0.4919 0.4048	0.4567	0.4405	0.4591	Ave		0.457 7				9.6		20.0			
Methylene Chloride	0.5314 0.3429	0.4497 0.3439	0.3876	0.3667	0.3959	Ave		0.402 6				16.8		20.0			
tert-Butyl alcohol	0.0450 0.0373	0.0453 0.0356	0.0426	0.0422	0.0419	Ave		0.041 4				8.9		20.0			
Acrylonitrile	0.1648 0.1403	0.1735 0.1374	0.1580	0.1562	0.1608	Ave		0.155 q				8.3		20.0			
trans-1,2-Dichloroethene	0.3423 0.3058	0.3769 0.2705	0.3159	0.3120	0.3334	Ave		0.322 4				10.3		20.0			
MTBE	1.2312 1.0280	1.2444 0.9923	1.0466	1.0778	1.1362	Ave		1.108 1				9.0		20.0			
n-Hexane	0.4160 0.3433	0.4421 0.3214	0.3545	0.3307	0.3693	Ave		0.368 2				12.2		20.0			
1,1-Dichloroethane	0.6220 0.5696	0.6992 0.5230	0.6015	0.5868	0.6154	Ave		0.602 5				9.0		20.0			
Vinyl acetate	0.7033 0.6382	0.7976 0.5976	0.6994	0.7094	0.7373	Ave		0.697 5				9.3		20.0			
Chloroprene	0.4798 0.4385	0.5638 0.4181	0.4545	0.4386	0.4804	Ave		0.467 7				10.3		20.0			
Isopropyl ether	1.1368 1.0992	1.3819 0.9482	1.1779	1.1333	1.1239	Ave		1.143 n				11.2		20.0			
Ethyl tert-butyl ether	1.3080 1.0618	1.3463 1.1123	1.2275	1.1413	1.2849	Ave		1.211 7				8.9		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 Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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								
2,2-Dichloropropane	0.3990 0.4073	0.4434 0.3938	0.4067	0.3601	0.4125	Ave		0.403 2				6.2		20.0			
cis-1,2-Dichloroethene	0.6607 0.5589	0.6984 0.5639	0.5892	0.5619	0.5871	Ave		0.602 9				9.1		20.0			
2-Butanone	0.0658 0.0501	0.0617 0.0492	0.0560	0.0559	0.0562	Ave		0.056 4				10.4		20.0			
Propane Nitrile (Propionitrile)	0.0722 0.0610	0.0752 0.0617	0.0706	0.0708	0.0657	Ave		0.068 2				8.0		20.0			
Ethyl acetate	0.4600 0.3952	0.5171 0.4060	0.4495	0.4349	0.4273	Ave		0.441 4				9.1		20.0			
Bromochloromethane	0.2974 0.2675	0.3211 0.2512	0.2900	0.2735	0.2907	Ave		0.284 5				8.0		20.0			
Methacrylonitrile	0.1890 0.1920	0.2131 0.1733	0.2053	0.1940	0.1940	Ave		0.194 4				6.5		20.0			
Tetrahydrofuran	0.1630 0.1238	0.1458 0.1240	0.1485	0.1320	0.1278	Ave		0.137 8				10.8		20.0			
Chloroform	0.7455 0.6418	0.8029 0.6544	0.7125	0.6635	0.6728	Ave		0.699 1				8.3		20.0			
1,1,1-Trichloroethane	0.5350 0.4867	0.5392 0.5008	0.4988	0.4391	0.4973	Ave		0.499 6				6.7		20.0			
Cyclohexane	1.6530 0.4093	0.7275 0.3899	0.5619	0.4316	0.4483	Lin1	1.358 6	0.393 0				14.4			0.9980		0.9950
1,1-Dichloropropene	0.5207 0.4611	0.5241 0.4427	0.4844	0.4360	0.5035	Ave		0.481 8				7.5		20.0			
Carbon tetrachloride	0.3598 0.4018	0.4014 0.4061	0.3944	0.3685	0.4383	Ave		0.395 8				6.5		20.0			
Isobutanol	0.0140 0.0120	0.0129 0.0124	0.0129	0.0127	0.0122	Ave		0.012 7				5.4		20.0			
Benzene	1.0646 0.9581	1.0772 0.9615	1.0296	0.9454	1.0069	Ave		1.006 2				5.3		20.0			
1,2-Dichloroethane	0.4827 0.3680	0.4065 0.3794	0.4073	0.3776	0.3944	Ave		0.402 3				9.6		20.0			
2,2,4-Trimethylpentane	0.7191 0.5786	0.6949 0.5983	0.6695	0.6055	0.6084	Ave		0.639 2				8.5		20.0			
Tert-amyl methyl ether	0.8109 0.7092	0.7374 0.7251	0.7310	0.7121	0.7388	Ave		0.737 8				4.6		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 Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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								
n-Butanol	0.0183 0.0168	0.0165 0.0171	0.0175	0.0164	0.0172	Ave		0.017 1				3.7		20.0			
Trichloroethene	0.2799 0.2505	0.2742 0.2485	0.2536	0.2404	0.2518	Ave		0.257 n				5.6		20.0			
Methylcyclohexane	0.3823 0.3403	0.3873 0.3410	0.3610	0.3313	0.3480	Ave		0.355 q				6.1		20.0			
1,2-Dichloropropane	0.3205 0.2839	0.3139 0.2826	0.2966	0.2811	0.2950	Ave		0.296 2				5.3		20.0			
Dibromomethane	0.1868 0.1819	0.1951 0.1855	0.1804	0.1809	0.1883	Ave		0.185 6				2.8		20.0			
Methyl methacrylate	0.2107 0.2106	0.2234 0.2091	0.2224	0.2173	0.2176	Ave		0.215 q				2.7		20.0			
1,4-Dioxane (P-Dioxane)	0.0036 0.0031	0.0030 0.0033	0.0031	0.0030	0.0031	Ave		0.003 2				6.2		20.0			
Bromodichloromethane	0.2918 0.3195	0.3069 0.3251	0.2888	0.2957	0.3161	Ave		0.306 3				4.7		20.0			
2-Nitropropane	0.0818 0.0740	0.0668 0.0776	0.0682	0.0693	0.0730	Ave		0.073 n				7.4		20.0			
2-Chloroethyl vinyl ether	0.2067 0.1860	0.1874 0.1885	0.1919	0.1812	0.1862	Ave		0.189 7				4.3		20.0			
Epichlorohydrin	0.0212 0.0267	0.0240 0.0279	0.0251	0.0278	0.0275	Ave		0.025 7				9.6		20.0			
cis-1,3-Dichloropropene	0.3123 0.3798	0.3291 0.3929	0.3239	0.3386	0.3788	Ave		0.350 8				9.2		20.0			
4-Methyl-2-pentanone	0.2919 0.2671	0.2862 0.2653	0.2975	0.2890	0.2879	Ave		0.283 6				4.4		20.0			
Toluene	0.7643 0.6840	0.7857 0.6738	0.7382	0.6630	0.7115	Ave		0.717 2				6.6		20.0			
trans-1,3-Dichloropropene	0.2921 0.3521	0.2989 0.3808	0.3214	0.2992	0.3483	Ave		0.327 5				10.3		20.0			
Ethyl methacrylate	0.4065 0.4197	0.4141 0.4081	0.4349	0.4046	0.4289	Ave		0.416 7				2.8		20.0			
1,1,2-Trichloroethane	0.2876 0.2531	0.2933 0.2499	0.2724	0.2517	0.2650	Ave		0.267 6				6.6		20.0			
Tetrachloroethene	0.2610 0.2281	0.2539 0.2272	0.2406	0.2153	0.2345	Ave		0.237 2				6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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								
1,3-Dichloropropane	0.5217 0.4731	0.5313 0.4557	0.5131	0.4752	0.4882	Ave		0.494 n				5.7		20.0			
2-Hexanone	0.2265 0.2209	0.2288 0.2142	0.2423	0.2320	0.2325	Ave		0.228 2				3.9		20.0			
Dibromochloromethane	0.2708 0.2813	0.2452 0.2908	0.2570	0.2420	0.2754	Ave		0.266 1				6.9		20.0			
1,2-Dibromoethane	0.2930 0.2970	0.3020 0.2987	0.3101	0.2886	0.3056	Ave		0.299 3				2.5		20.0			
1-Chlorohexane	0.7282 0.2487	0.3624 0.2499	0.3037	0.2488	0.2633	Lin1	0.496 8	0.245 9				5.5			0.9990		0.9950
Chlorobenzene	0.8965 0.7740	0.8854 0.7785	0.8394	0.7787	0.8191	Ave		0.824 5				6.2		20.0			
1,1,1,2-Tetrachloroethane	0.2322 0.2636	0.2390 0.2628	0.2446	0.2386	0.2567	Ave		0.248 2				5.1		20.0			
Ethylbenzene	1.4204 1.3246	1.4353 1.2954	1.4070	1.2771	1.3637	Ave		1.360 5				4.6		20.0			
m,p-Xylenes	1.1130 1.0427	1.0848 1.0004	1.0624	0.9919	1.0371	Ave		1.047 5				4.2		20.0			
o-Xylene	1.1437 1.1079	1.1997 1.0941	1.1428	1.0629	1.1303	Ave		1.125 9				3.9		20.0			
Styrene	0.8077 0.8070	0.8201 0.8002	0.8235	0.7633	0.8236	Ave		0.806 5				2.6		20.0			
Bromoform	0.1597 0.1810	0.1626 0.1874	0.1603	0.1594	0.1741	Ave		0.169 2				6.8		20.0			
Isopropylbenzene	1.2157 1.2245	1.3198 1.2146	1.2551	1.1712	1.2518	Ave		1.236 1				3.7		20.0			
cis-1,4-Dichloro-2-butene	0.0627 0.0703	0.0627 0.0754	0.0642	0.0587	0.0709	Ave		0.066 4				8.9		20.0			
Cyclohexanone	0.0120 0.0123	0.0115 0.0124	0.0132	0.0124	0.0125	Ave		0.012 3				4.1		20.0			
1,1,2,2-Tetrachloroethane	0.7665 0.6899	0.7606 0.6763	0.7900	0.7427	0.7202	Ave		0.735 1				5.7		20.0			
Bromobenzene	0.8296 0.7043	0.7733 0.6975	0.7683	0.7002	0.7248	Ave		0.742 6				6.7		20.0			
1,2,3-Trichloropropane	0.7839 0.7056	0.7797 0.7078	0.7480	0.7063	0.7304	Ave		0.737 4				4.6		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 Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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								
trans-1,4-Dichloro-2-butene	0.1870 0.1605	0.1672 0.1643	0.1821	0.1661	0.1658	Ave		0.170 5				5.9		20.0			
N-Propylbenzene	3.0681 2.8632	3.2902 2.7795	3.1949	2.8627	2.9557	Ave		3.002 n				6.3		20.0			
2-Chlorotoluene	2.3268 2.0523	2.2982 2.0069	2.3381	2.0937	2.1154	Ave		2.175 q				6.5		20.0			
4-Ethyltoluene	2.5340 2.3892	2.6555 2.3300	2.6068	2.3723	2.4666	Ave		2.479 2				5.0		20.0			
1,3,5-Trimethylbenzene	2.2275 2.1017	2.3360 2.0532	2.3713	2.1373	2.1735	Ave		2.200 1				5.4		20.0			
4-Chlorotoluene	2.2242 2.0590	2.1896 2.0326	2.3111	2.1104	2.1340	Ave		2.151 5				4.5		20.0			
tert-Butylbenzene	1.9207 1.7188	1.9104 1.6886	1.8866	1.6899	1.7654	Ave		1.797 2				5.9		20.0			
1,2,4-Trimethylbenzene	2.3432 2.1791	2.4048 2.1197	2.3349	2.1772	2.2551	Ave		2.259 1				4.7		20.0			
sec-Butylbenzene	2.7081 2.4603	2.7151 2.4029	2.7195	2.4222	2.5296	Ave		2.565 4				5.6		20.0			
1,3-Dichlorobenzene	1.3656 1.2055	1.3430 1.2043	1.3488	1.2077	1.2420	Ave		1.273 8				5.9		20.0			
p-Cymene (p-Isopropyltoluene)	2.2998 2.1013	2.3083 2.0680	2.2814	2.0654	2.1582	Ave		2.183 2				5.1		20.0			
1,4-Dichlorobenzene	1.4432 1.2295	1.4205 1.1935	1.3887	1.2256	1.2518	Ave		1.307 5				8.1		20.0			
Dicyclopentadiene	3.2884 2.5171	3.0179 2.4537	2.9353	2.5912	2.6332	Ave		2.776 7				11.1		20.0			
Benzyl chloride	0.0673 0.1110	0.0988 0.1200	0.1005	0.0941	0.1059	Ave		0.099 7				16.7		20.0			
n-Butylbenzene	1.9454 1.9238	2.1200 1.6763	2.0848	1.6354	1.8390	Ave		1.889 3				9.9		20.0			
1,2-Dichlorobenzene	1.2047 1.1558	1.3015 0.9880	1.2964	0.9281	1.0836	Ave		1.136 q				12.8		20.0			
1,2-Dibromo-3-Chloropropane	0.0515 0.0751	0.0555 0.0816	0.0728	0.0695	0.0751	Ave		0.068 7				16.1		20.0			
1,2,4-Trichlorobenzene	0.5825 0.6147	0.5840 0.6354	0.6306	0.5871	0.6188	Ave		0.607 6				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 VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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								
Hexachlorobutadiene	0.3384 0.3291	0.3251 0.3307	0.3398	0.3060	0.3267	Ave		0.328 n				3.4		20.0			
Naphthalene	1.0345 0.9990	0.9113 1.0514	1.0327	0.9636	1.0158	Ave		1.001 2				4.9		20.0			
1,2,3-Trichlorobenzene	0.4656 0.4384	0.4197 0.4526	0.4562	0.4253	0.4491	Ave		0.443 q				3.8		20.0			
2-Methylnaphthalene	++++ 0.2079	0.1235 0.2448	0.1652	0.1862	0.2003	Qua	0.127 8	0.156 7	0.0005706			22.8			0.9990		0.9900
1-Methylnaphthalene	++++ 0.1530	0.1058 0.1798	0.1438	0.1418	0.1542	Ave		0.146 4				16.4		20.0			
Dibromofluoromethane (Surr)	0.4514 0.4993	0.5139 0.4858	0.4952	0.4891	0.5016	Ave		0.490 q				4.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3944 0.3943	0.3989 0.3864	0.4092	0.4023	0.4030	Ave		0.398 3				1.9		20.0			
Toluene-d8 (Surr)	1.4998 1.3906	1.4420 1.4009	1.4874	1.4278	1.4162	Ave		1.437 8				2.9		20.0			
4-Bromofluorobenzene (Surr)	1.0749 1.0471	1.0697 1.0302	1.0863	1.0572	1.0525	Ave		1.059 7				1.8		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-100412/2	E04262303.D
Level 2	IC 860-100412/3	E04262304.D
Level 3	IC 860-100412/4	E04262305.D
Level 4	IC 860-100412/5	E04262306.D
Level 5	ICIS 860-100412/6	E04262307.D
Level 6	IC 860-100412/7	E04262308.D
Level 7	IC 860-100412/8	E04262309.D

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
Propene	PFB	Qua	++++ 103361	10824 144465	15554	30695	58069	++++ 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	2188 197557	12058 295225	22604	49435	97249	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	3127 252261	14083 387434	27776	68525	121971	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	2805 275807	14916 396873	30520	66998	124369	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	2775 225970	12946 345212	23528	54602	113239	1.00 100	5.00 150	10.0	25.0	50.0
Bromomethane	PFB	Qua	++++ 134818	12548 208074	22939	48229	79068	++++ 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	1602 143102	9278 192208	16704	41222	73147	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorofluoromethane	PFB	Ave	5052 455379	25507 676438	50724	120433	224370	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	3937 382819	20815 574342	42486	98630	188055	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	2875 226185	12936 342201	25414	59419	118934	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	1921 172220	9744 263445	18765	48881	93787	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	2480 204025	11529 305906	22227	52152	106222	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	1966 181623	10683 275717	19474	46541	98223	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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
Acetone	PFB	Ave	+++++ 142252	8543 217817	16378	39482	77887	+++++ 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Lin1	1321 340036	9164 510981	24247	72856	171830	1.00 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	5388 528031	25753 801497	50934	124554	267206	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	2524 178407	10368 274773	21014	49747	99245	10.0 1000	50.0 1500	100	250	500
Acetonitrile	PFB	Ave	2821 232837	12532 359040	26530	65611	121877	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	1411 126500	6597 196626	11761	27954	67088	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	8523 636926	37096 981204	73990	173379	347362	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	4243 261834	16959 416838	31398	72151	149797	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	3591 284461	17085 431358	34501	83075	158520	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	13161 1071094	65423 1665401	127987	307440	608516	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	2733 233471	14213 327888	25588	61393	126129	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	9831 784947	46926 1202719	84779	212080	429888	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	3322 262133	16670 389519	28715	65074	139739	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	4967 434933	26366 633886	48723	115466	232824	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	28079 2436698	150387 3621318	283254	697984	1394666	5.00 500	25.0 750	50.0	125	250
Chloroprene	PFB	Ave	3831 334837	21259 506814	36819	86305	181758	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl ether	PFB	Ave	9077 839337	52111 1149219	95415	223000	425232	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	10444 810742	50770 1348160	99432	224573	486143	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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
2,2-Dichloropropane	PFB	Ave	3186 310975	16721 477267	32946	70853	156064	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	5276 426767	26337 683475	47725	110569	222126	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	2627 191128	11628 298340	22696	54958	106284	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	5762 465999	28360 747967	57152	139300	248645	10.0 1000	50.0 1500	100	250	500
Ethyl acetate	PFB	Ave	7346 603509	38996 984294	72815	171137	323345	2.00 200	10.0 300	20.0	50.0	100
Bromochloromethane	PFB	Ave	2375 204265	12107 304413	23492	53828	110002	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	15094 1466337	80350 2100263	166284	381674	734101	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Ave	2603 189115	10994 300555	24054	51934	96739	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	5953 490057	30276 793135	57719	130555	254542	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	4272 371624	20333 607046	40408	86395	188162	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Lin1	13199 312507	27433 472562	45515	84927	169601	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	4158 352104	19763 536594	39237	85797	190509	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	2873 306827	15137 492214	31946	72514	165826	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	4338 352516	19741 552550	39462	97346	185231	25.0 2500	125 3750	250	625	1250
Benzene	DFBZ	Ave	13150 1130109	65968 1709487	125853	290529	613053	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	5963 434025	24897 674509	49786	116024	240114	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	8882 682507	42555 1063756	81842	186063	370433	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	10017 836550	45160 1289142	89356	218813	449831	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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
n-Butanol	DCBd 4	Ave	2184 216013	10070 339852	21062	52776	112238	24.8 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	3458 295498	16795 441887	31003	73868	153337	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	4722 401344	23717 606344	44123	101802	211877	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	3959 334883	19222 502419	36258	86368	179611	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	2308 214609	11949 329816	22047	55587	114645	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	5205 496930	27364 743636	54380	133569	265003	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	882 72519	3674 117873	7662	18740	38225	20.0 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	3605 376819	18797 577967	35305	90857	192488	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane	DFBZ	Ave	2022 174500	8179 276108	16663	42610	88901	2.00 200	10.0 300	20.0	50.0	100
2-Chloroethyl vinyl ether	DFBZ	Ave	2553 219364	11478 335221	23457	55685	113378	1.00 100	5.00 150	10.0	25.0	50.0
Epichlorohydrin	DFBZ	Ave	2621 315178	14706 497215	30750	85450	167423	10.0 1001	50.0 1501	100	250	500
cis-1,3-Dichloropropene	DFBZ	Ave	3857 448038	20154 698583	39587	104060	230640	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	18026 1575232	87630 2358255	181853	444055	876558	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	7839 696720	40372 1054391	74989	177033	373362	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	2996 358638	15359 595913	32655	79888	182741	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	4169 427525	21278 638591	44176	108030	225043	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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
1,1,2-Trichloroethane	CBNZ d5	Ave	2950 257793	15070 391119	27674	67195	139060	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	2677 232324	13046 355546	24437	57488	123069	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	5351 481910	27300 713099	52124	126867	256156	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	11616 1124869	58788 1676106	123075	309659	609880	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	2777 286528	12599 454979	26106	64619	144500	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	3005 302528	15518 467355	31500	77046	160376	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Lin1	7469 253380	18623 391090	30852	66420	138153	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	9195 788399	45498 1218205	85275	207909	429791	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2382 268563	12279 411161	24851	63702	134688	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	14568 1349328	73755 2027118	142931	340986	715541	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	11415 1062146	55745 1565370	107929	264828	544204	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZ d5	Ave	11730 1128559	61645 1711998	116094	283803	593092	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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
Styrene	CBNZ d5	Ave	8284	42140	83655	203810	432153	1.00	5.00	10.0	25.0	50.0
			822035	1252207				100	150			
Bromoform	CBNZ d5	Ave	1638	8354	16285	42571	91346	1.00	5.00	10.0	25.0	50.0
			184331	293308				100	150			
Isopropylbenzene	CBNZ d5	Ave	12469	67816	127500	312701	656866	1.00	5.00	10.0	25.0	50.0
			1247291	1900593				100	150			
cis-1,4-Dichloro-2-butene	CBNZ d5	Ave	643	3221	6527	15665	37197	1.00	5.00	10.0	25.0	50.0
			71569	117957				100	150			
Cyclohexanone	CBNZ d5	Ave	6140	29658	66949	164889	329138	50.0	250	500	1250	2500
			623952	972291				5000	7500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	3692	18679	38428	96420	189556	1.00	5.00	10.0	25.0	50.0
			357784	542350				100	150			
Bromobenzene	DCBd 4	Ave	3996	18991	37372	90903	190790	1.00	5.00	10.0	25.0	50.0
			365270	559380				100	150			
1,2,3-Trichloropropane	DCBd 4	Ave	3776	19147	36386	91699	192247	1.00	5.00	10.0	25.0	50.0
			365942	567578				100	150			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	901	4107	8860	21570	43648	1.00	5.00	10.0	25.0	50.0
			83251	131789				100	150			
N-Propylbenzene	DCBd 4	Ave	14779	80801	155414	371663	777980	1.00	5.00	10.0	25.0	50.0
			1484932	2229001				100	150			
2-Chlorotoluene	DCBd 4	Ave	11208	56439	113737	271815	556822	1.00	5.00	10.0	25.0	50.0
			1064384	1609423				100	150			
4-Ethyltoluene	DCBd 4	Ave	12206	65214	126807	307989	649260	1.00	5.00	10.0	25.0	50.0
			1239102	1868523				100	150			

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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
1,3,5-Trimethylbenzene	DCBd 4	Ave	10730	57368	115351	277480	572104	1.00	5.00	10.0	25.0	50.0
			1090018	1646544				100	150			
4-Chlorotoluene	DCBd 4	Ave	10714	53773	112421	273988	561700	1.00	5.00	10.0	25.0	50.0
			1067855	1630018				100	150			
tert-Butylbenzene	DCBd 4	Ave	9252	46916	91774	219395	464677	1.00	5.00	10.0	25.0	50.0
			891449	1354192				100	150			
1,2,4-Trimethylbenzene	DCBd 4	Ave	11287	59059	113579	282656	593579	1.00	5.00	10.0	25.0	50.0
			1130175	1699887				100	150			
sec-Butylbenzene	DCBd 4	Ave	13045	66678	132288	314473	665840	1.00	5.00	10.0	25.0	50.0
			1275965	1926990				100	150			
1,3-Dichlorobenzene	DCBd 4	Ave	6578	32981	65611	156789	326922	1.00	5.00	10.0	25.0	50.0
			625234	965807				100	150			
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	11078	56689	110980	268146	568072	1.00	5.00	10.0	25.0	50.0
			1089823	1658424				100	150			
1,4-Dichlorobenzene	DCBd 4	Ave	6952	34884	67551	159123	329505	1.00	5.00	10.0	25.0	50.0
			637649	957137				100	150			
Dicyclopentadiene	DCBd 4	Ave	15840	74114	142785	336411	693093	1.00	5.00	10.0	25.0	50.0
			1305456	1967760				100	150			
Benzyl chloride	DCBd 4	Ave	324	2426	4891	12221	27873	1.00	5.00	10.0	25.0	50.0
			57586	96224				100	150			
n-Butylbenzene	DCBd 4	Ave	9371	52064	101413	212325	484058	1.00	5.00	10.0	25.0	50.0
			997759	1344314				100	150			
1,2-Dichlorobenzene	DCBd 4	Ave	5803	31963	63064	120491	285209	1.00	5.00	10.0	25.0	50.0
			599430	792288				100	150			

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 100412

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2023 07:20 Calibration End Date: 04/26/2023 09:24 Calibration ID: 5064

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
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	248	1362	3543	9028	19769	1.00	5.00	10.0	25.0	50.0
			38931	65425				100	150			
1,2,4-Trichlorobenzene	DCBd 4	Ave	2806	14341	30677	76224	162886	1.00	5.00	10.0	25.0	50.0
			318812	509535				100	150			
Hexachlorobutadiene	DCBd 4	Ave	1630	7985	16531	39733	86005	1.00	5.00	10.0	25.0	50.0
			170656	265238				100	150			
Naphthalene	DCBd 4	Ave	4983	22380	50237	125098	267376	1.00	5.00	10.0	25.0	50.0
			518132	843126				100	150			
1,2,3-Trichlorobenzene	DCBd 4	Ave	2243	10308	22194	55216	118213	1.00	5.00	10.0	25.0	50.0
			227364	362937				100	150			
2-Methylnaphthalene	DCBd 4	Qua	+++++	3034	8037	24178	52724	+++++	5.00	10.0	25.0	50.0
			107848	196283				100	150			
1-Methylnaphthalene	DCBd 4	Ave	+++++	2598	6996	18412	40596	+++++	5.00	10.0	25.0	50.0
			79365	144193				100	150			
Dibromofluoromethane (Surr)	PFB	Ave	180204	193796	200572	192471	189773	50.0	50.0	50.0	50.0	50.0
			190646	196281				50.0	50.0			
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	243559	244304	250063	247256	245394	50.0	50.0	50.0	50.0	50.0
			232528	228987				50.0	50.0			
Toluene-d8 (Surr)	CBNZ d5	Ave	769114	740971	755491	762434	743130	50.0	50.0	50.0	50.0	50.0
			708288	730708				50.0	50.0			
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	258878	262695	264225	274508	277040	50.0	50.0	50.0	50.0	50.0
			271528	275394				50.0	50.0			

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

Calibration

/ Propene

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

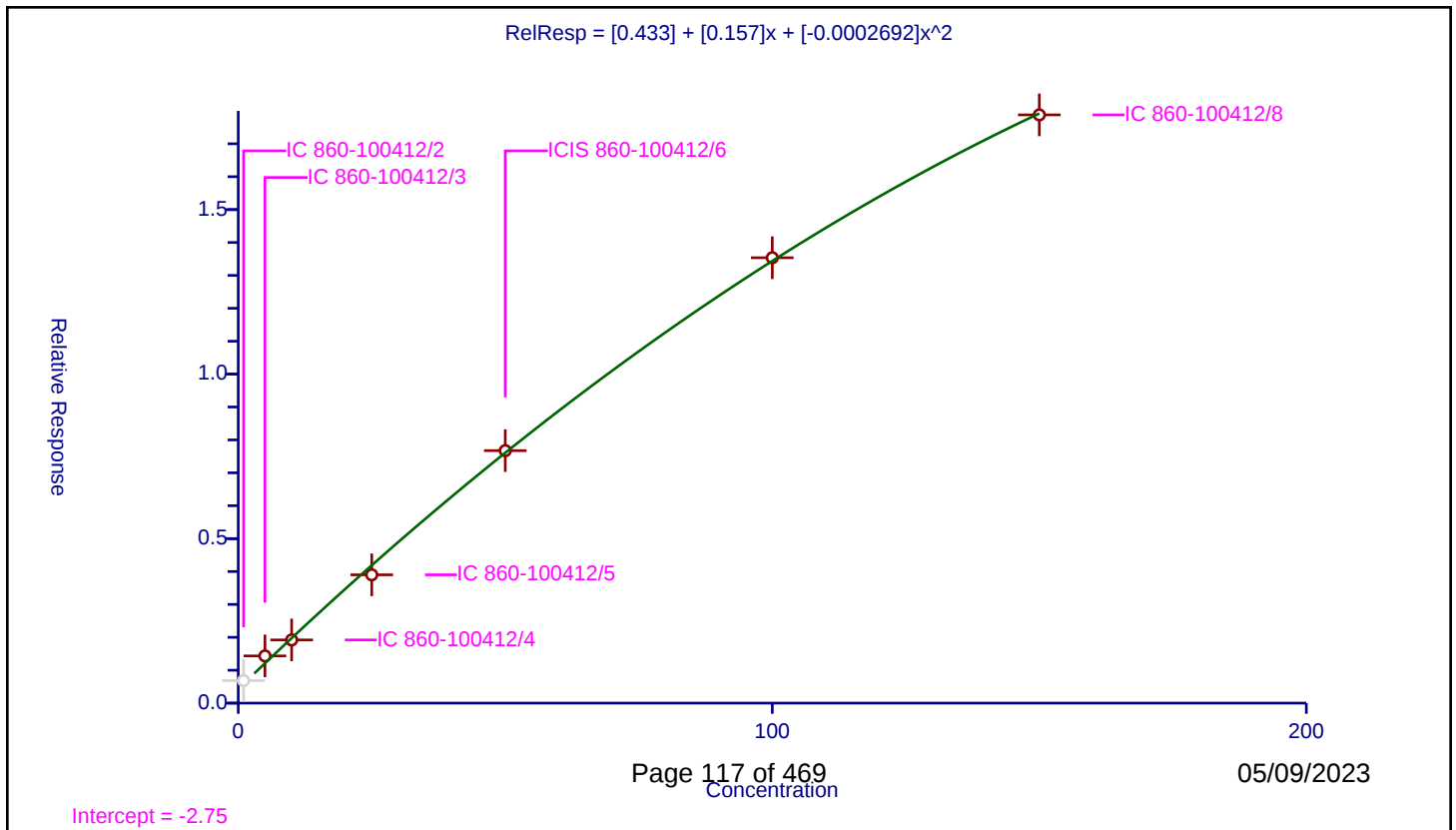
Curve Coefficients

Intercept: 0.433
Slope: 0.157
Second Order: -0.0002692

Error Coefficients

Standard Error: 110000
Relative Standard Error: 17.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.684038	50.0	399247.0	0.684038	N
2	IC 860-100412/3	5.0	1.435182	50.0	377095.0	0.287036	Y
3	IC 860-100412/4	10.0	1.920162	50.0	405018.0	0.192016	Y
4	IC 860-100412/5	25.0	3.899719	50.0	393554.0	0.155989	Y
5	ICIS 860-100412/6	50.0	7.674141	50.0	378342.0	0.153483	Y
6	IC 860-100412/7	100.0	13.536404	50.0	381789.0	0.135364	Y
7	IC 860-100412/8	150.0	17.878579	50.0	404017.0	0.119191	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

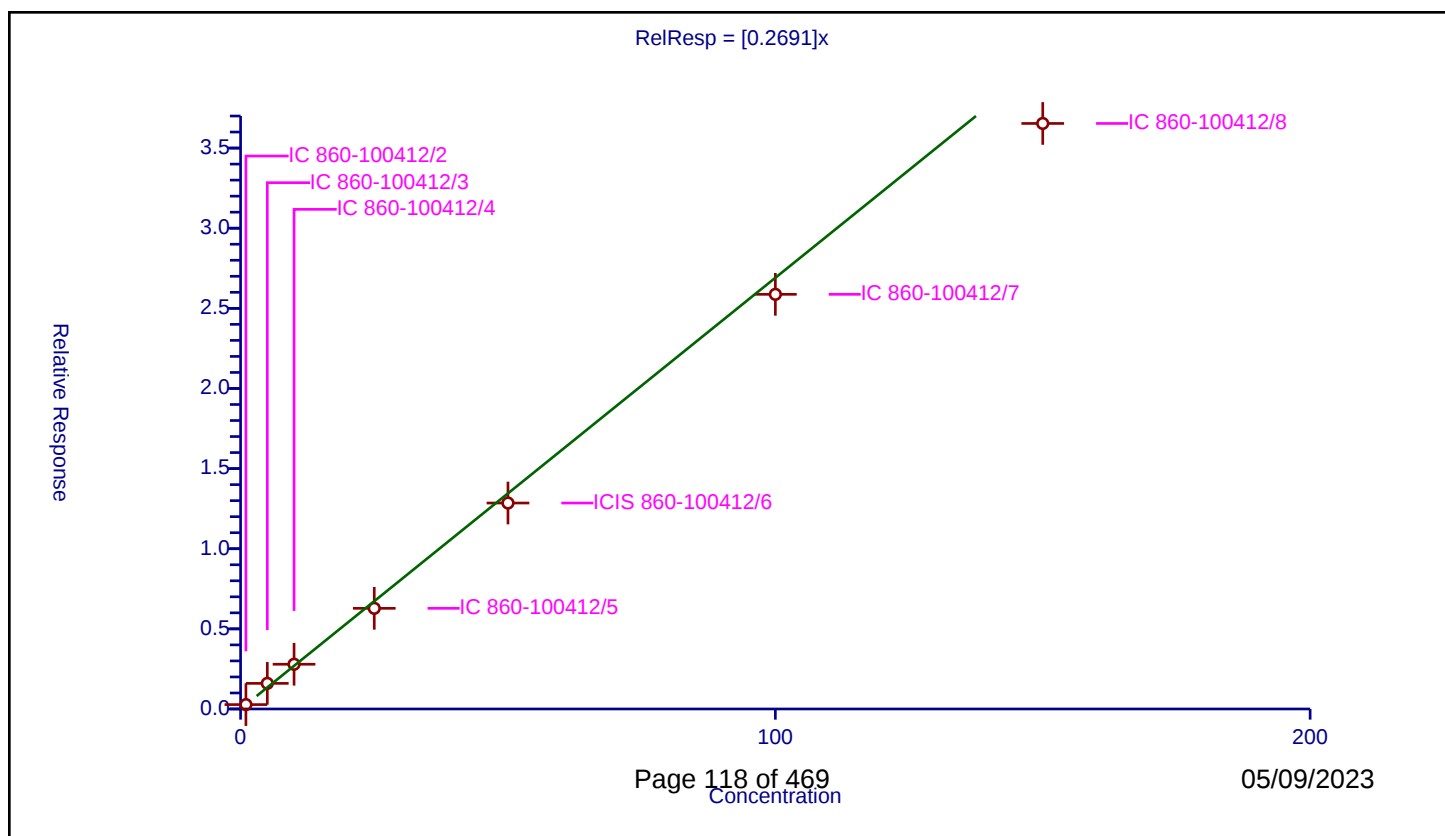
Curve Coefficients

Intercept: 0
Slope: 0.2691

Error Coefficients

Standard Error: 152000
Relative Standard Error: 9.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.274016	50.0	399247.0	0.274016	Y
2	IC 860-100412/3	5.0	1.598801	50.0	377095.0	0.31976	Y
3	IC 860-100412/4	10.0	2.790493	50.0	405018.0	0.279049	Y
4	IC 860-100412/5	25.0	6.280587	50.0	393554.0	0.251223	Y
5	ICIS 860-100412/6	50.0	12.851996	50.0	378342.0	0.25704	Y
6	IC 860-100412/7	100.0	25.872537	50.0	381789.0	0.258725	Y
7	IC 860-100412/8	150.0	36.53621	50.0	404017.0	0.243575	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

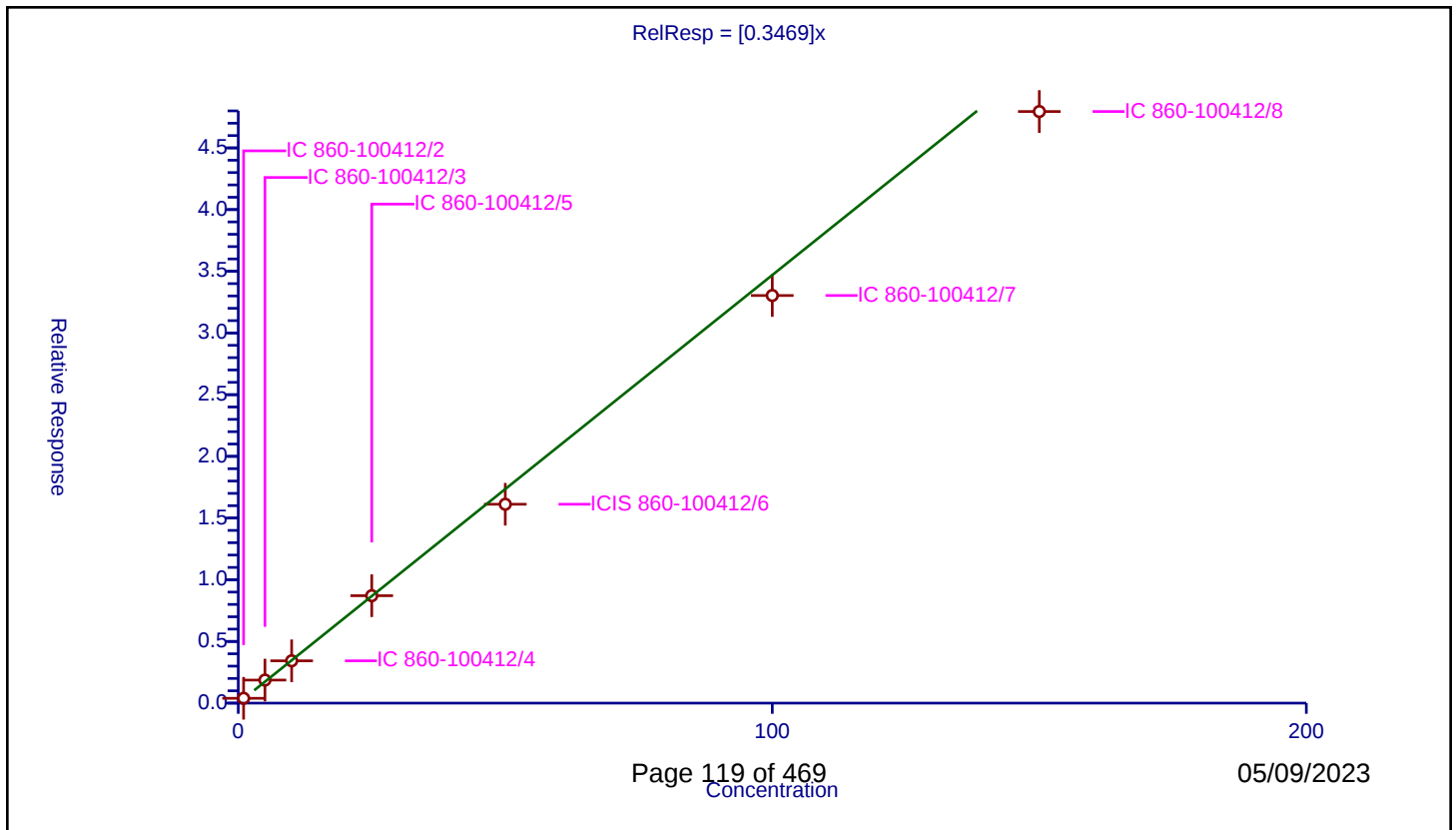
Curve Coefficients

Intercept: 0
Slope: 0.3469

Error Coefficients

Standard Error: 198000
Relative Standard Error: 7.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.391612	50.0	399247.0	0.391612	Y
2	IC 860-100412/3	5.0	1.867301	50.0	377095.0	0.37346	Y
3	IC 860-100412/4	10.0	3.428983	50.0	405018.0	0.342898	Y
4	IC 860-100412/5	25.0	8.705921	50.0	393554.0	0.348237	Y
5	ICIS 860-100412/6	50.0	16.119146	50.0	378342.0	0.322383	Y
6	IC 860-100412/7	100.0	33.036704	50.0	381789.0	0.330367	Y
7	IC 860-100412/8	150.0	47.947735	50.0	404017.0	0.319652	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

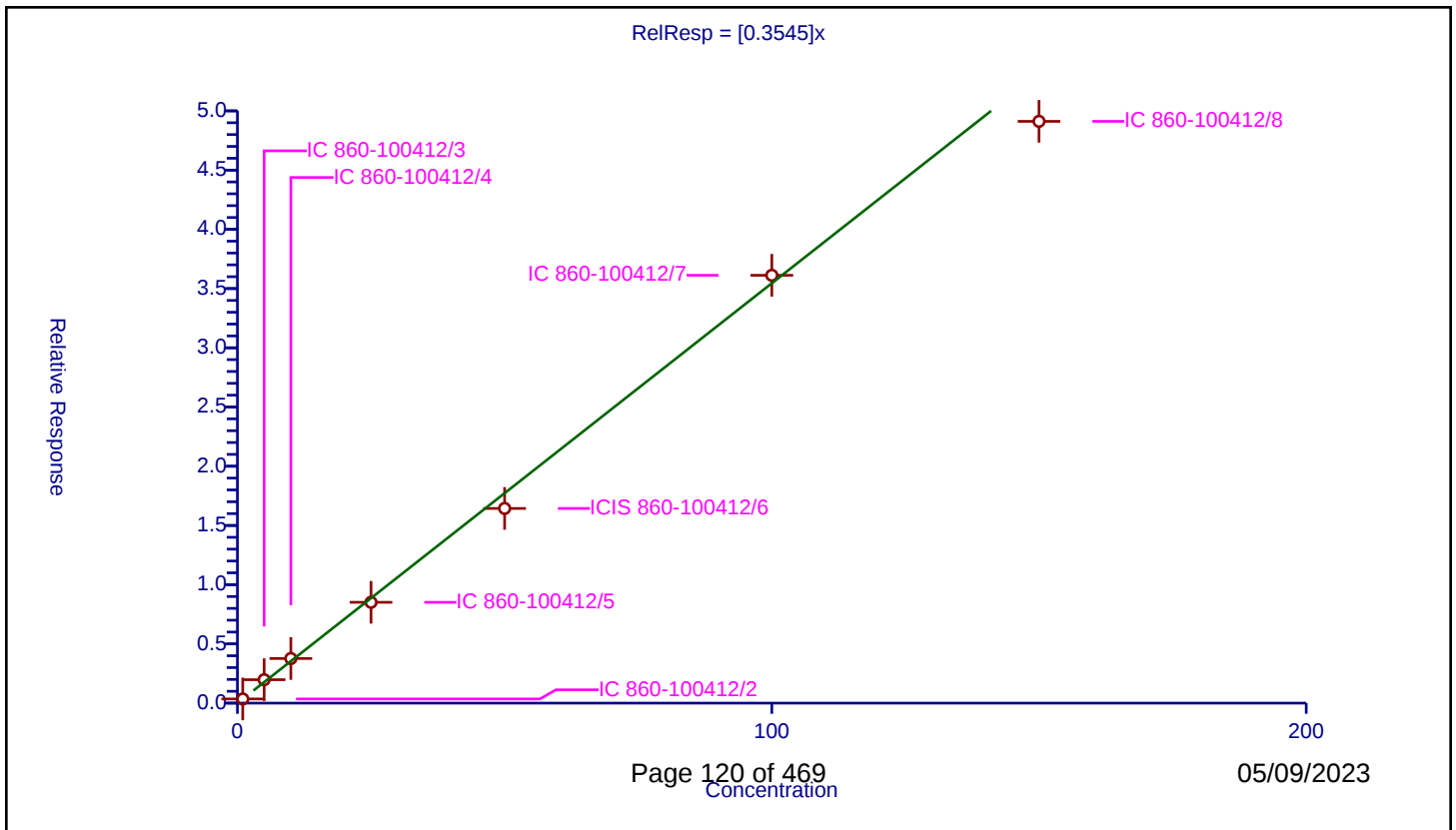
Curve Coefficients

Intercept: 0
Slope: 0.3545

Error Coefficients

Standard Error: 206000
Relative Standard Error: 7.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.351286	50.0	399247.0	0.351286	Y
2	IC 860-100412/3	5.0	1.977751	50.0	377095.0	0.39555	Y
3	IC 860-100412/4	10.0	3.767734	50.0	405018.0	0.376773	Y
4	IC 860-100412/5	25.0	8.51192	50.0	393554.0	0.340477	Y
5	ICIS 860-100412/6	50.0	16.436055	50.0	378342.0	0.328721	Y
6	IC 860-100412/7	100.0	36.120344	50.0	381789.0	0.361203	Y
7	IC 860-100412/8	150.0	49.115879	50.0	404017.0	0.327439	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

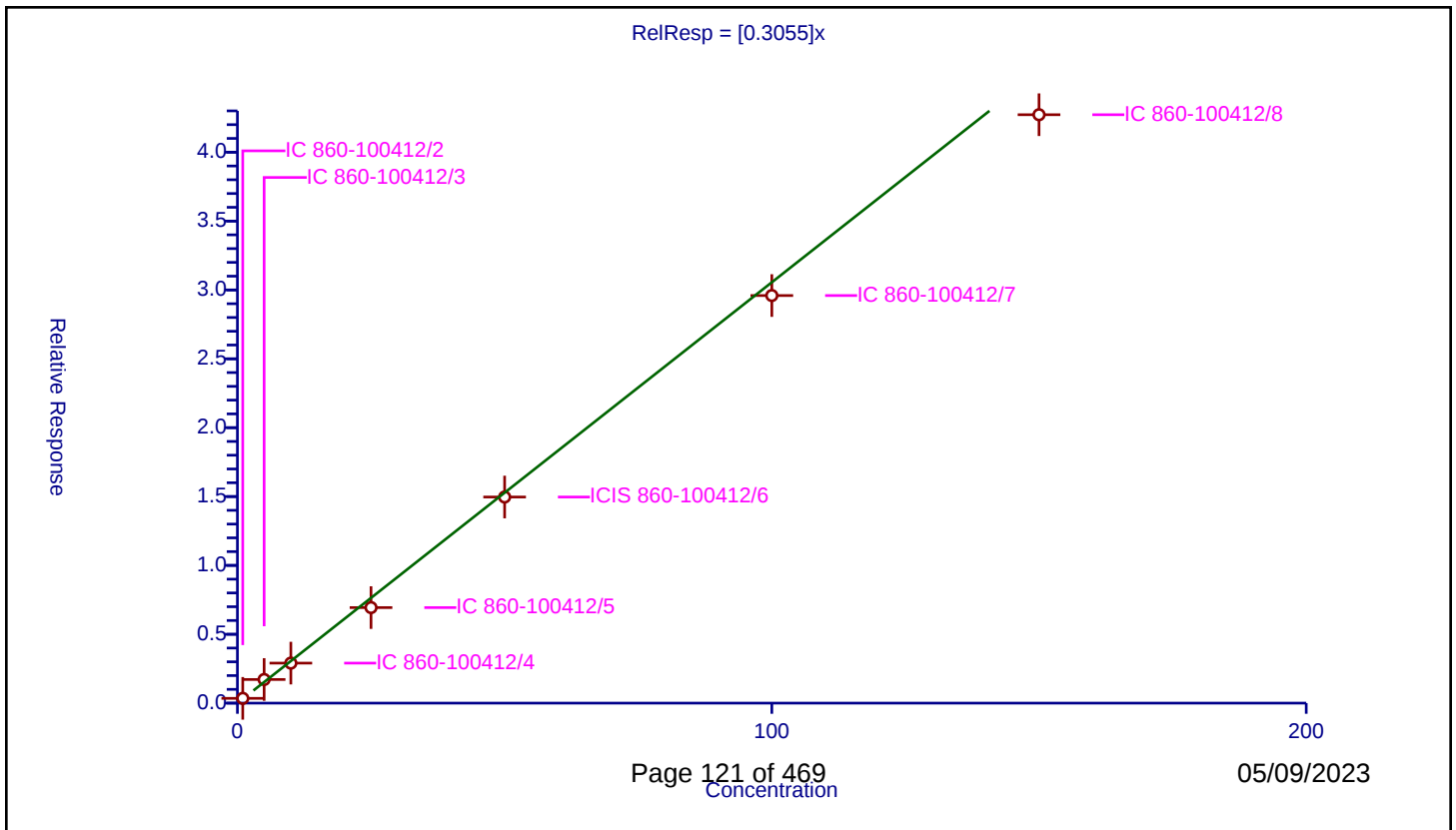
Curve Coefficients

Intercept: 0
Slope: 0.3055

Error Coefficients

Standard Error: 176000
Relative Standard Error: 9.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.347529	50.0	399247.0	0.347529	Y
2	IC 860-100412/3	5.0	1.716544	50.0	377095.0	0.343309	Y
3	IC 860-100412/4	10.0	2.904562	50.0	405018.0	0.290456	Y
4	IC 860-100412/5	25.0	6.93704	50.0	393554.0	0.277482	Y
5	ICIS 860-100412/6	50.0	14.965164	50.0	378342.0	0.299303	Y
6	IC 860-100412/7	100.0	29.593571	50.0	381789.0	0.295936	Y
7	IC 860-100412/8	150.0	42.72246	50.0	404017.0	0.284816	Y



Calibration

/ Bromomethane

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

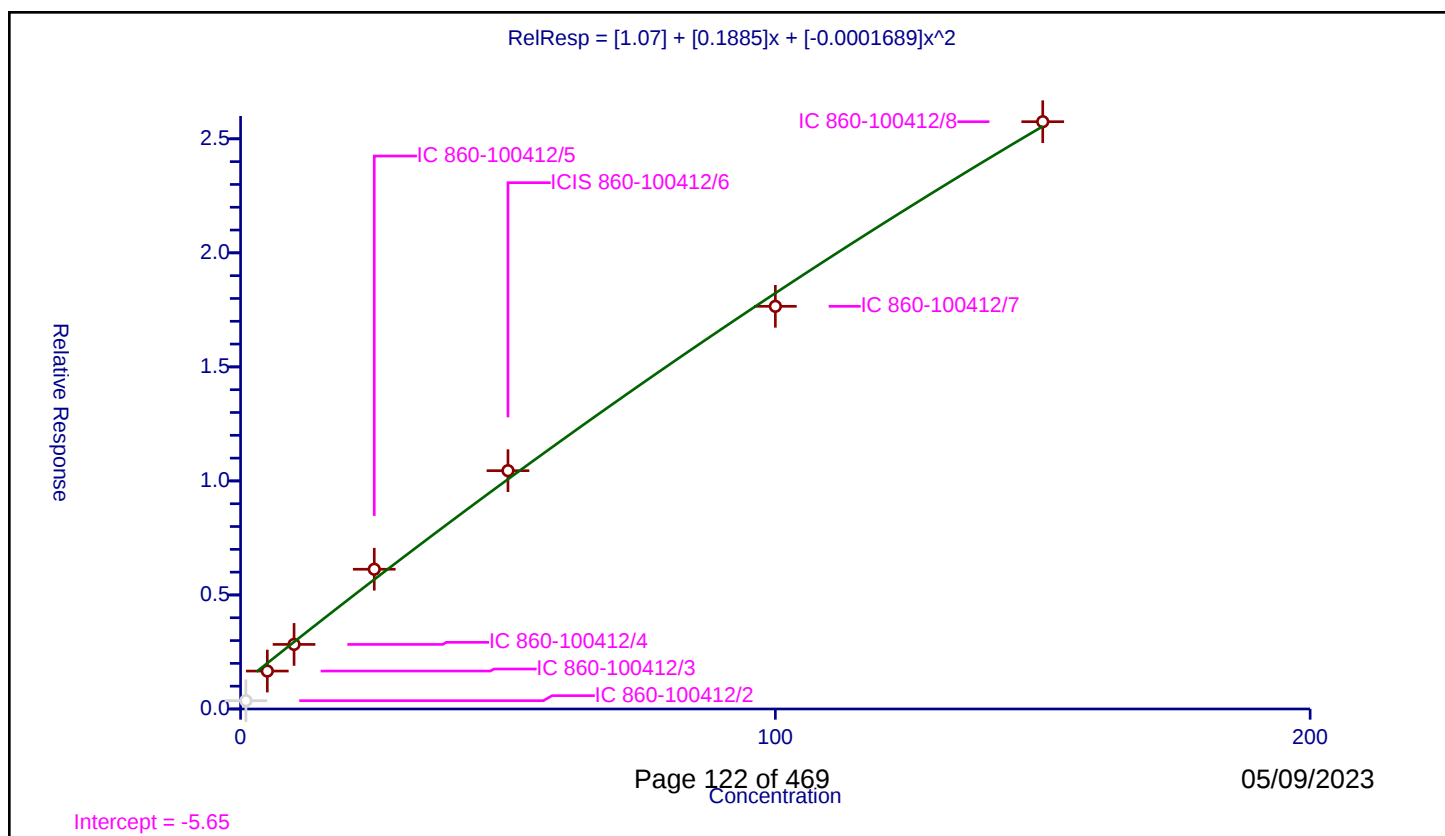
Curve Coefficients

Intercept: 1.07
Slope: 0.1885
Second Order: -0.0001689

Error Coefficients

Standard Error: 154000
Relative Standard Error: 22.6
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.363685	50.0	399247.0	0.363685	N
2	IC 860-100412/3	5.0	1.663772	50.0	377095.0	0.332754	Y
3	IC 860-100412/4	10.0	2.831849	50.0	405018.0	0.283185	Y
4	IC 860-100412/5	25.0	6.127368	50.0	393554.0	0.245095	Y
5	ICIS 860-100412/6	50.0	10.449276	50.0	378342.0	0.208986	Y
6	IC 860-100412/7	100.0	17.656088	50.0	381789.0	0.176561	Y
7	IC 860-100412/8	150.0	25.750649	50.0	404017.0	0.171671	Y



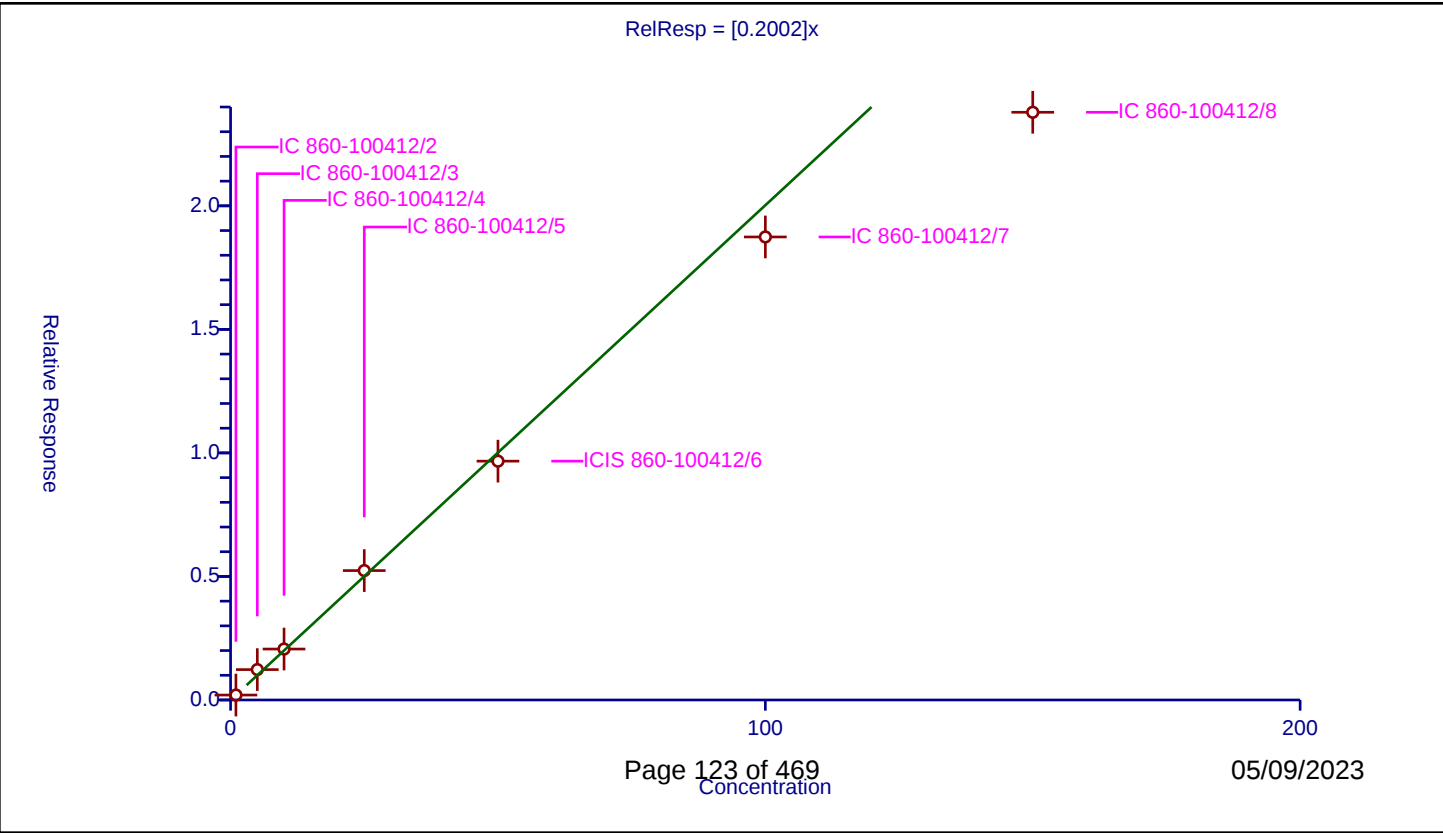
Calibration

/ 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:	0.2002
Error Coefficients	
Standard Error:	104000
Relative Standard Error:	13.2
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.200628	50.0	399247.0	0.200628	Y
2	IC 860-100412/3	5.0	1.230194	50.0	377095.0	0.246039	Y
3	IC 860-100412/4	10.0	2.062131	50.0	405018.0	0.206213	Y
4	IC 860-100412/5	25.0	5.237147	50.0	393554.0	0.209486	Y
5	ICIS 860-100412/6	50.0	9.666783	50.0	378342.0	0.193336	Y
6	IC 860-100412/7	100.0	18.74098	50.0	381789.0	0.18741	Y
7	IC 860-100412/8	150.0	23.787118	50.0	404017.0	0.158581	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

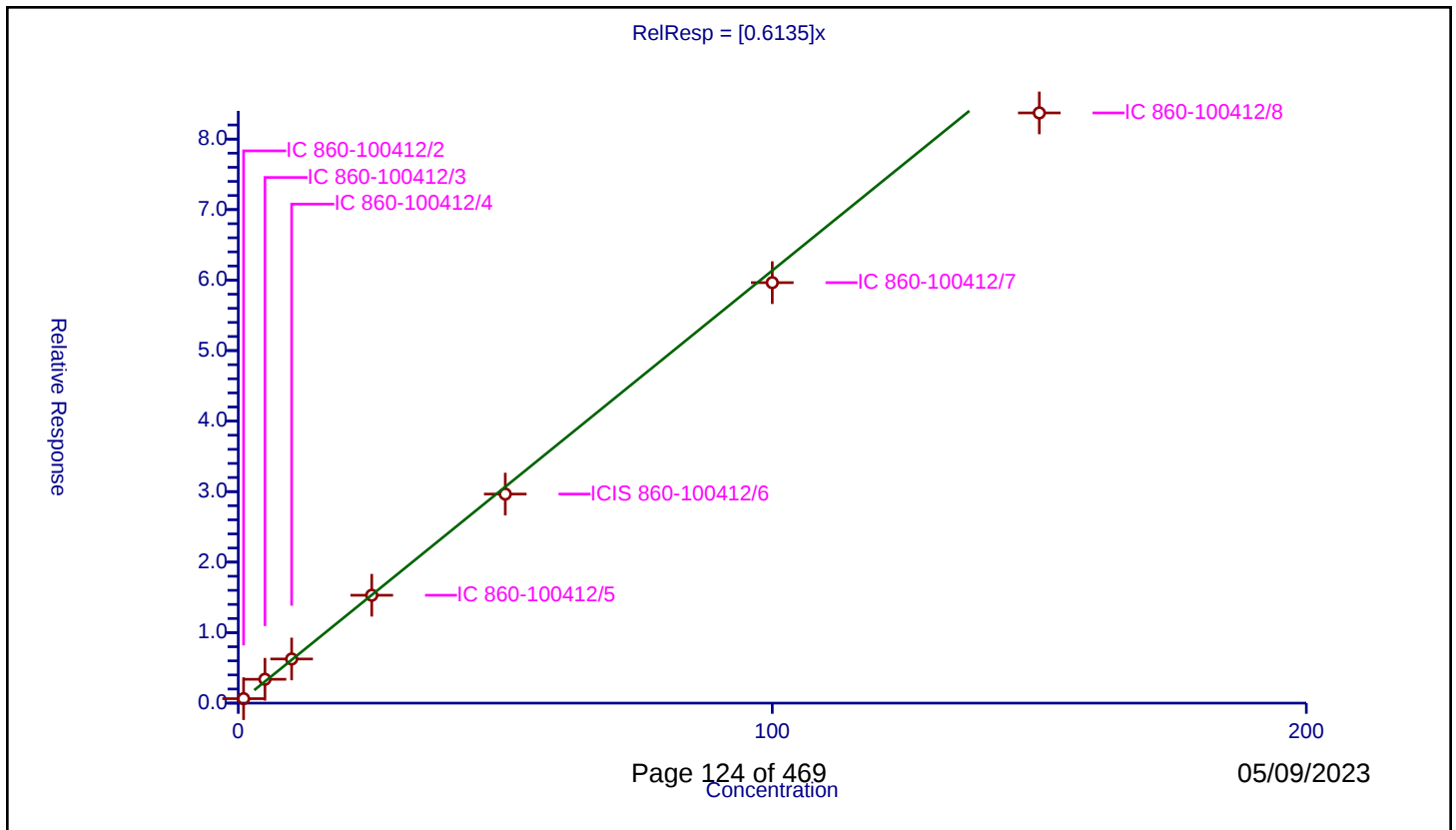
Curve Coefficients

Intercept: 0
Slope: 0.6135

Error Coefficients

Standard Error: 349000
Relative Standard Error: 6.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.632691	50.0	399247.0	0.632691	Y
2	IC 860-100412/3	5.0	3.382039	50.0	377095.0	0.676408	Y
3	IC 860-100412/4	10.0	6.261944	50.0	405018.0	0.626194	Y
4	IC 860-100412/5	25.0	15.300696	50.0	393554.0	0.612028	Y
5	ICIS 860-100412/6	50.0	29.651744	50.0	378342.0	0.593035	Y
6	IC 860-100412/7	100.0	59.637522	50.0	381789.0	0.596375	Y
7	IC 860-100412/8	150.0	83.714052	50.0	404017.0	0.558094	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

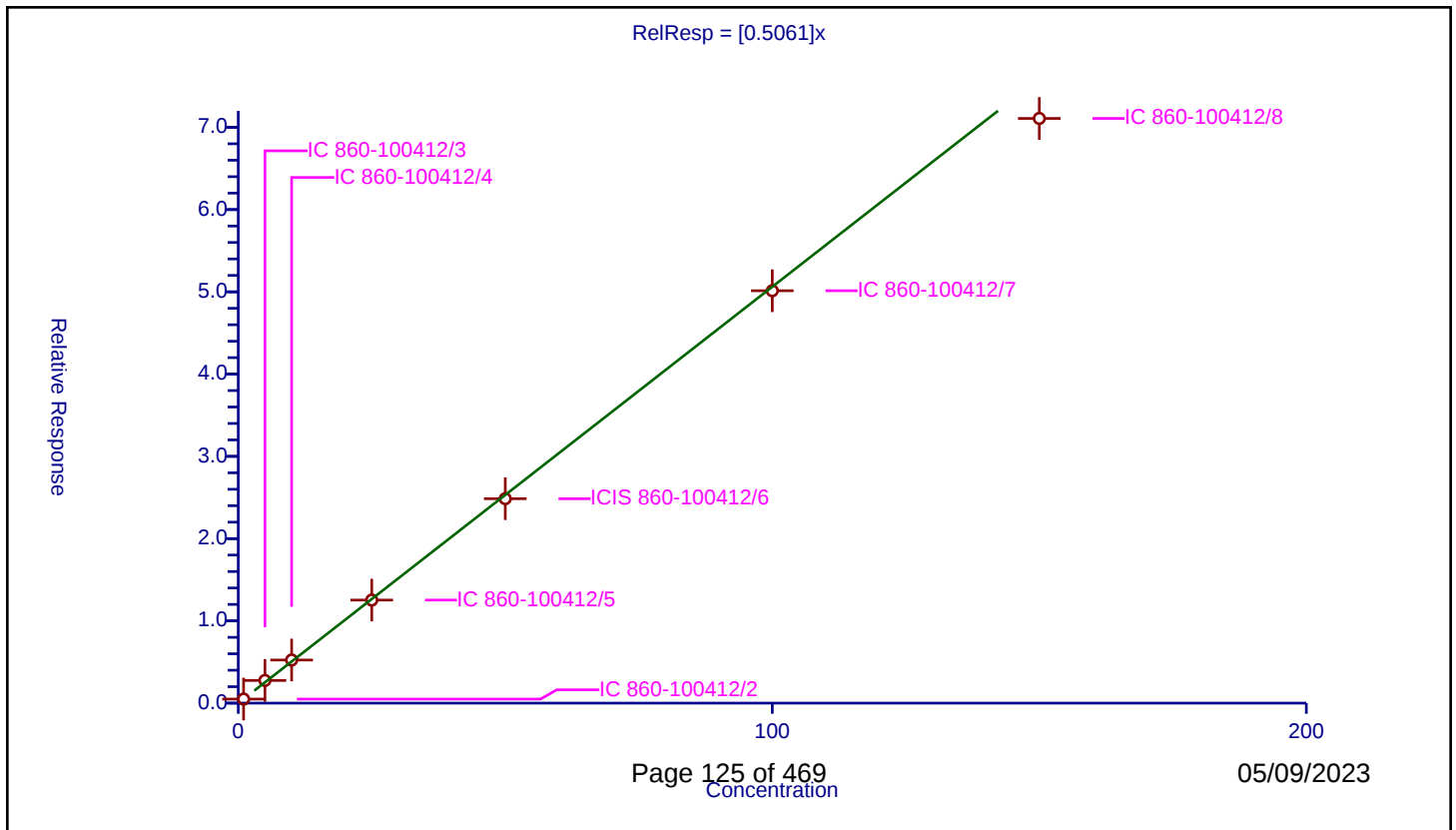
Curve Coefficients

Intercept: 0
Slope: 0.5061

Error Coefficients

Standard Error: 295000
Relative Standard Error: 5.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.493053	50.0	399247.0	0.493053	Y
2	IC 860-100412/3	5.0	2.759915	50.0	377095.0	0.551983	Y
3	IC 860-100412/4	10.0	5.244952	50.0	405018.0	0.524495	Y
4	IC 860-100412/5	25.0	12.530682	50.0	393554.0	0.501227	Y
5	ICIS 860-100412/6	50.0	24.852514	50.0	378342.0	0.49705	Y
6	IC 860-100412/7	100.0	50.134891	50.0	381789.0	0.501349	Y
7	IC 860-100412/8	150.0	71.07894	50.0	404017.0	0.47386	Y



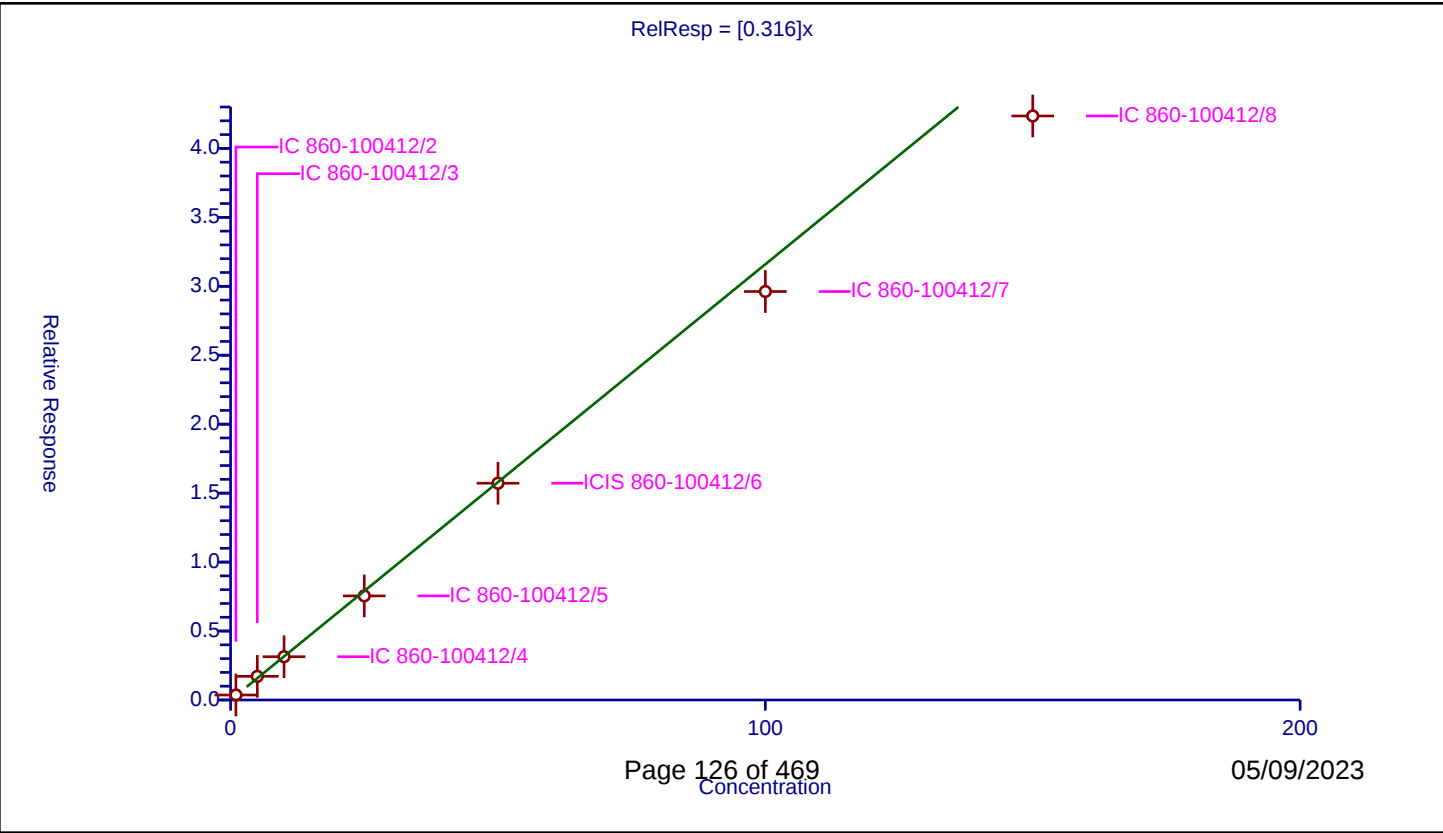
Calibration

/ 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:	0.316
Error Coefficients	
Standard Error:	176000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.360053	50.0	399247.0	0.360053	Y
2	IC 860-100412/3	5.0	1.715218	50.0	377095.0	0.343044	Y
3	IC 860-100412/4	10.0	3.137391	50.0	405018.0	0.313739	Y
4	IC 860-100412/5	25.0	7.549028	50.0	393554.0	0.301961	Y
5	ICIS 860-100412/6	50.0	15.71779	50.0	378342.0	0.314356	Y
6	IC 860-100412/7	100.0	29.621728	50.0	381789.0	0.296217	Y
7	IC 860-100412/8	150.0	42.349827	50.0	404017.0	0.282332	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

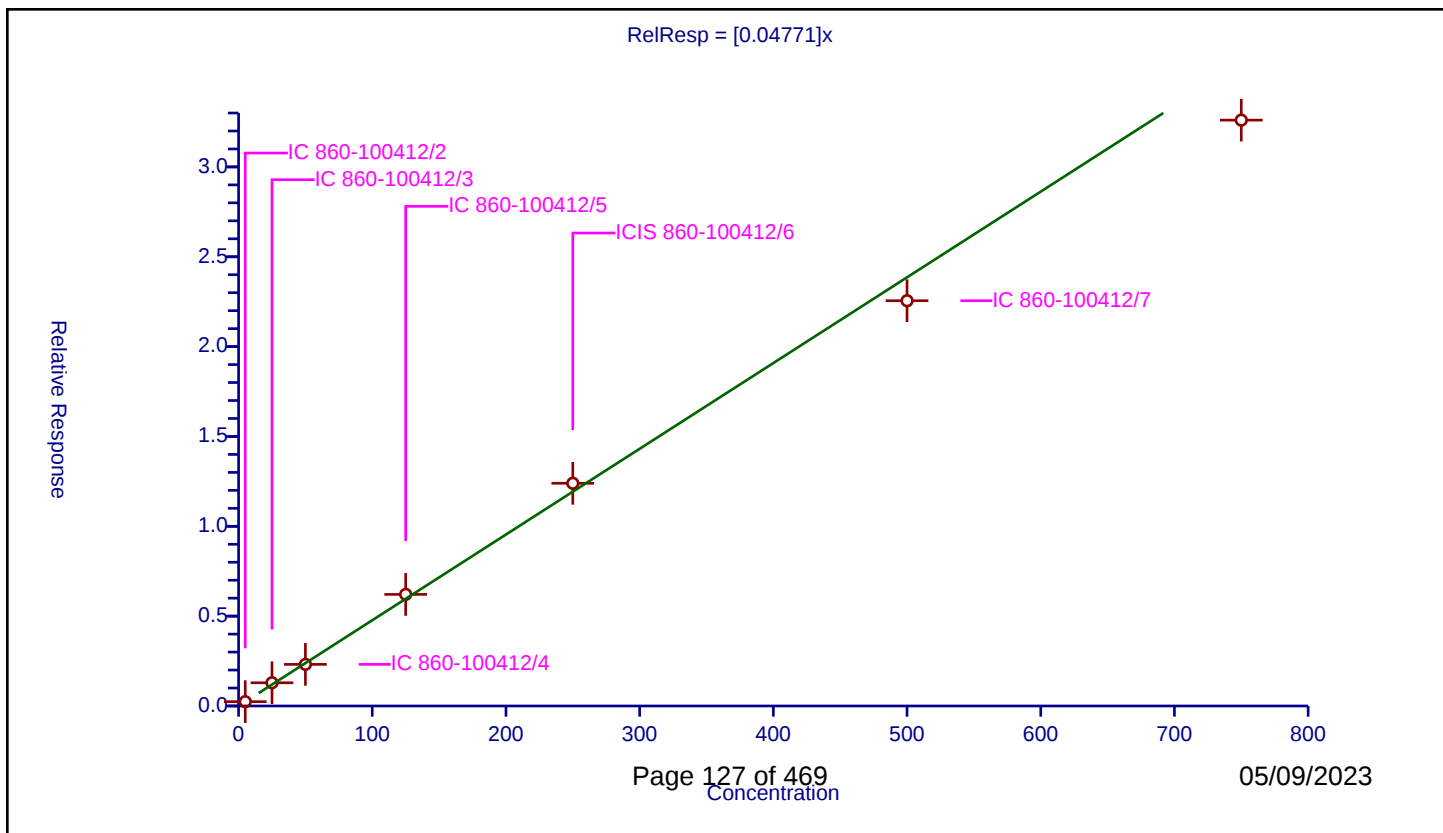
Curve Coefficients

Intercept: 0
Slope: 0.04771

Error Coefficients

Standard Error: 136000
Relative Standard Error: 6.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	5.0	0.240578	50.0	399247.0	0.048116	Y
2	IC 860-100412/3	25.0	1.291982	50.0	377095.0	0.051679	Y
3	IC 860-100412/4	50.0	2.316564	50.0	405018.0	0.046331	Y
4	IC 860-100412/5	125.0	6.210202	50.0	393554.0	0.049682	Y
5	ICIS 860-100412/6	250.0	12.394474	50.0	378342.0	0.049578	Y
6	IC 860-100412/7	500.0	22.554343	50.0	381789.0	0.045109	Y
7	IC 860-100412/8	750.0	32.603207	50.0	404017.0	0.043471	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

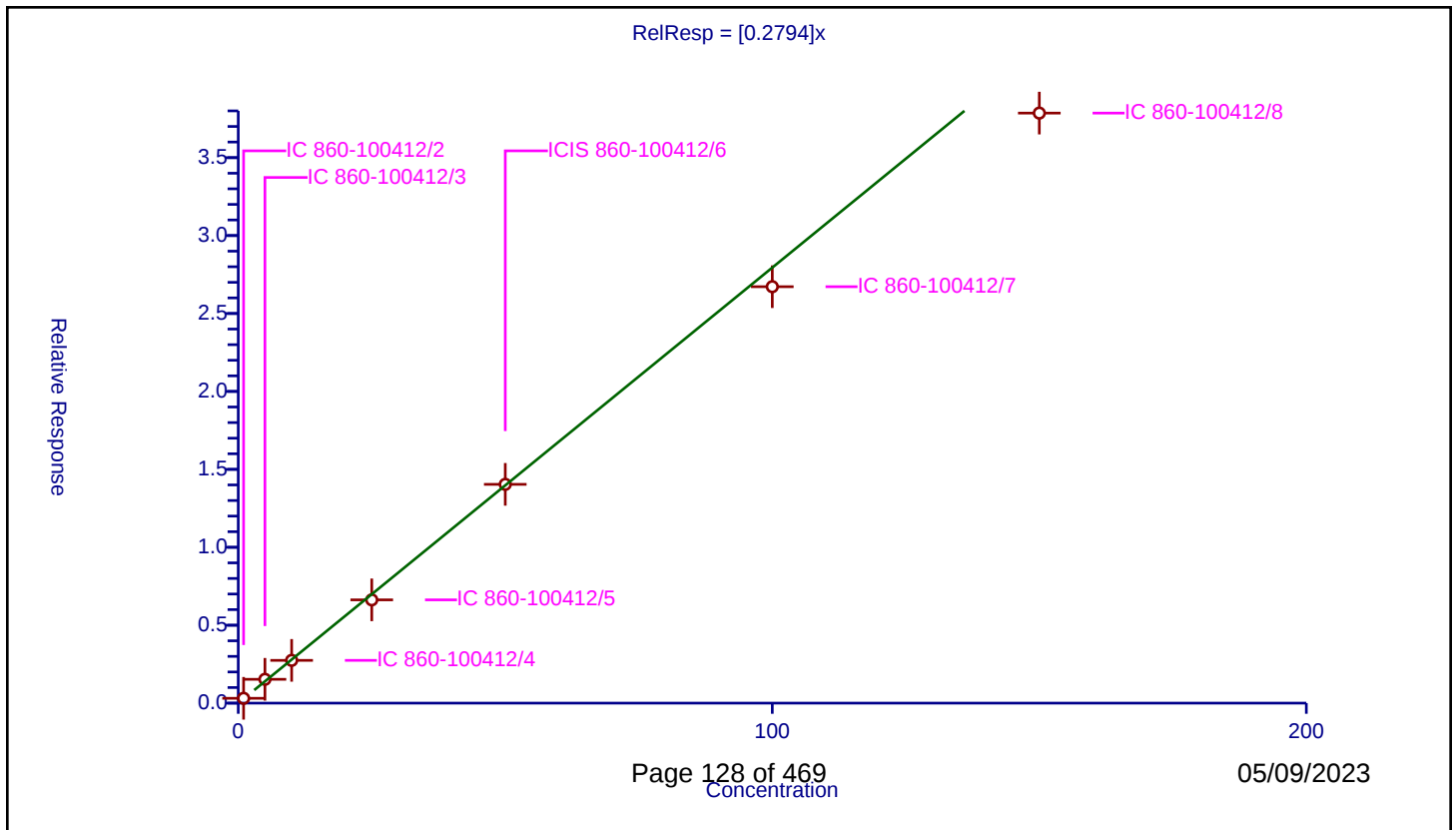
Curve Coefficients

Intercept: 0
Slope: 0.2794

Error Coefficients

Standard Error: 158000
Relative Standard Error: 7.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.310585	50.0	399247.0	0.310585	Y
2	IC 860-100412/3	5.0	1.52866	50.0	377095.0	0.305732	Y
3	IC 860-100412/4	10.0	2.743952	50.0	405018.0	0.274395	Y
4	IC 860-100412/5	25.0	6.625774	50.0	393554.0	0.265031	Y
5	ICIS 860-100412/6	50.0	14.037828	50.0	378342.0	0.280757	Y
6	IC 860-100412/7	100.0	26.719602	50.0	381789.0	0.267196	Y
7	IC 860-100412/8	150.0	37.85806	50.0	404017.0	0.252387	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

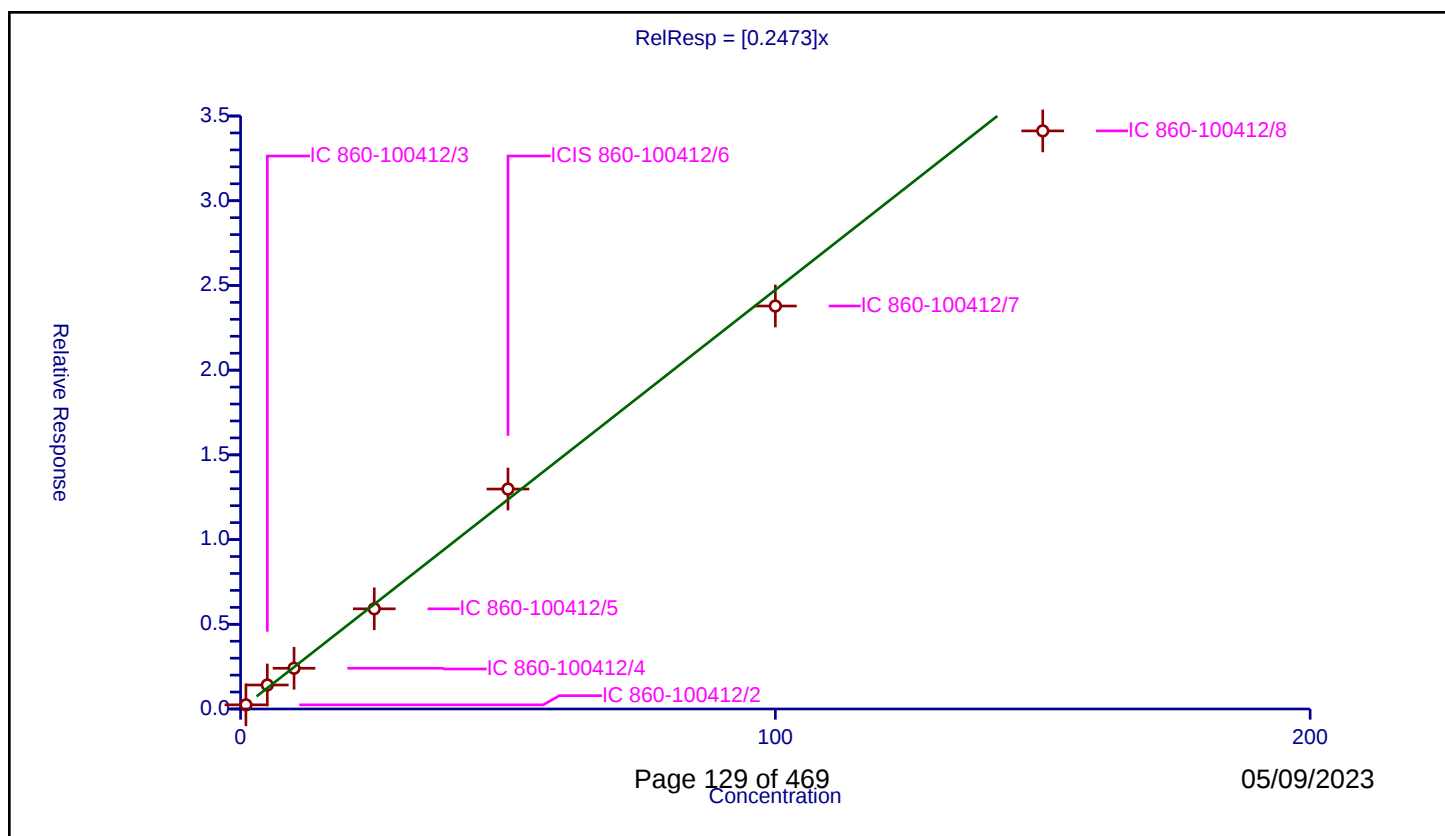
Curve Coefficients

Intercept: 0
Slope: 0.2473

Error Coefficients

Standard Error: 142000
Relative Standard Error: 7.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.246213	50.0	399247.0	0.246213	Y
2	IC 860-100412/3	5.0	1.416487	50.0	377095.0	0.283297	Y
3	IC 860-100412/4	10.0	2.404091	50.0	405018.0	0.240409	Y
4	IC 860-100412/5	25.0	5.912912	50.0	393554.0	0.236516	Y
5	ICIS 860-100412/6	50.0	12.980716	50.0	378342.0	0.259614	Y
6	IC 860-100412/7	100.0	23.785782	50.0	381789.0	0.237858	Y
7	IC 860-100412/8	150.0	34.121955	50.0	404017.0	0.22748	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

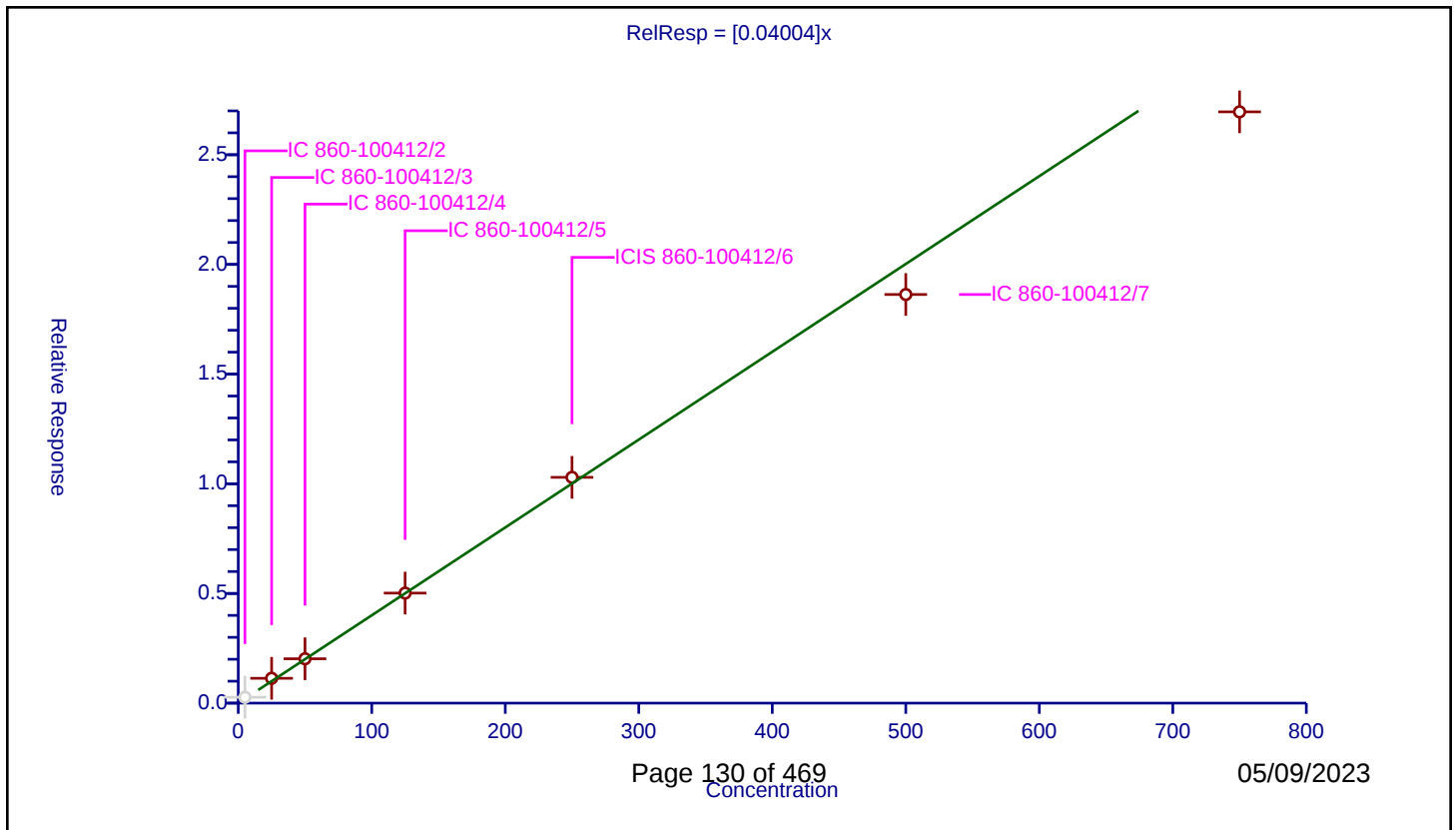
Curve Coefficients

Intercept: 0
Slope: 0.04004

Error Coefficients

Standard Error: 123000
Relative Standard Error: 8.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	5.0	0.267629	50.0	399247.0	0.053526	N
2	IC 860-100412/3	25.0	1.132738	50.0	377095.0	0.04531	Y
3	IC 860-100412/4	50.0	2.021885	50.0	405018.0	0.040438	Y
4	IC 860-100412/5	125.0	5.016084	50.0	393554.0	0.040129	Y
5	ICIS 860-100412/6	250.0	10.2932	50.0	378342.0	0.041173	Y
6	IC 860-100412/7	500.0	18.629662	50.0	381789.0	0.037259	Y
7	IC 860-100412/8	750.0	26.956415	50.0	404017.0	0.035942	Y



Calibration

/ Iodomethane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

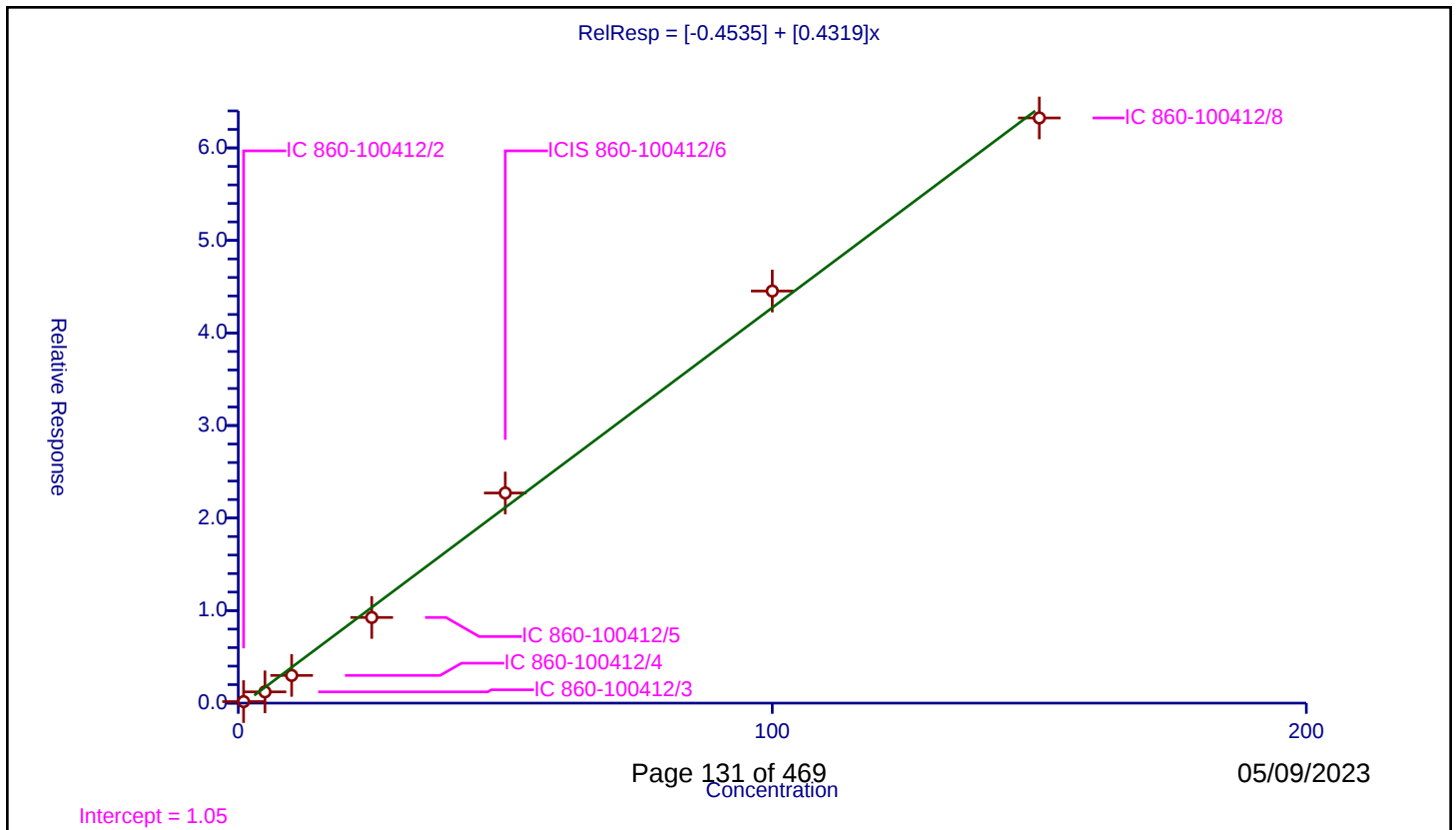
Curve Coefficients

Intercept: -0.4535
Slope: 0.4319

Error Coefficients

Standard Error: 287000
Relative Standard Error: 24.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.165436	50.0	399247.0	0.165436	Y
2	IC 860-100412/3	5.0	1.215078	50.0	377095.0	0.243016	Y
3	IC 860-100412/4	10.0	2.993324	50.0	405018.0	0.299332	Y
4	IC 860-100412/5	25.0	9.256163	50.0	393554.0	0.370247	Y
5	ICIS 860-100412/6	50.0	22.70829	50.0	378342.0	0.454166	Y
6	IC 860-100412/7	100.0	44.531927	50.0	381789.0	0.445319	Y
7	IC 860-100412/8	150.0	63.237562	50.0	404017.0	0.421584	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

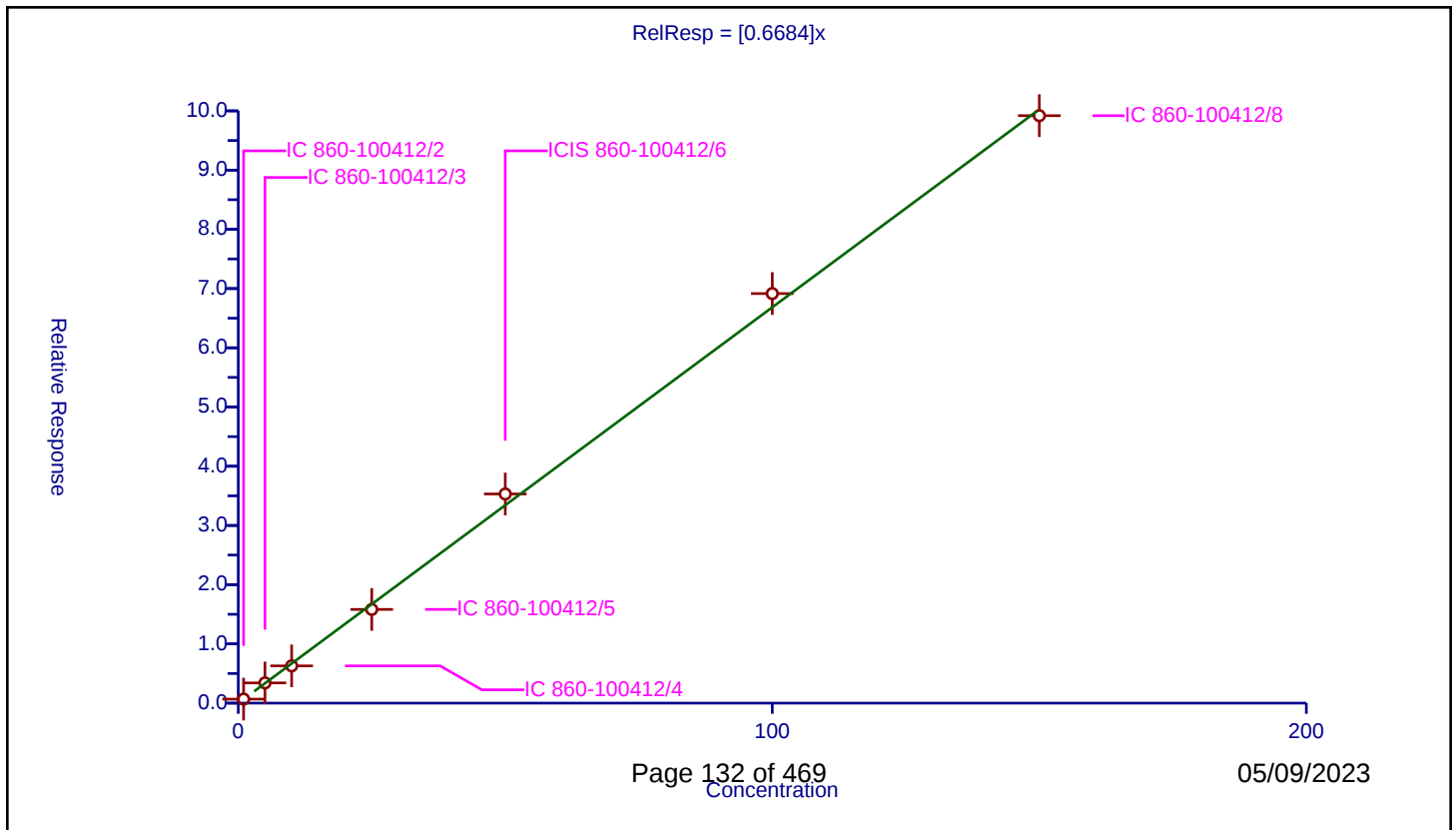
Curve Coefficients

Intercept: 0
Slope: 0.6684

Error Coefficients

Standard Error: 411000
Relative Standard Error: 4.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.67477	50.0	399247.0	0.67477	Y
2	IC 860-100412/3	5.0	3.414657	50.0	377095.0	0.682931	Y
3	IC 860-100412/4	10.0	6.287869	50.0	405018.0	0.628787	Y
4	IC 860-100412/5	25.0	15.824258	50.0	393554.0	0.63297	Y
5	ICIS 860-100412/6	50.0	35.312759	50.0	378342.0	0.706255	Y
6	IC 860-100412/7	100.0	69.152202	50.0	381789.0	0.691522	Y
7	IC 860-100412/8	150.0	99.190999	50.0	404017.0	0.661273	Y



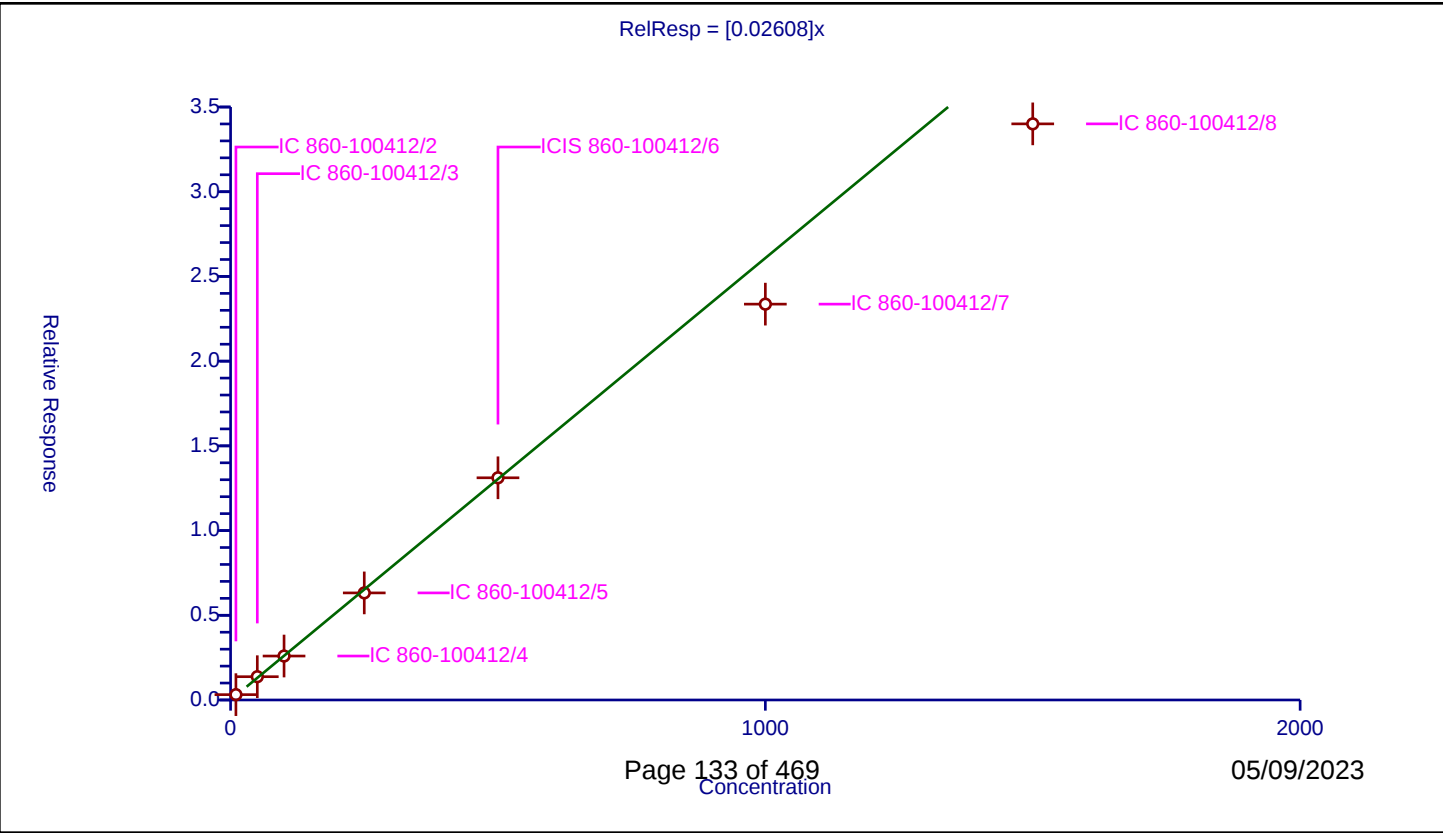
Calibration

/ 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:	0.02608
Error Coefficients	
Standard Error:	142000
Relative Standard Error:	11.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	10.0	0.316095	50.0	399247.0	0.03161	Y
2	IC 860-100412/3	50.0	1.37472	50.0	377095.0	0.027494	Y
3	IC 860-100412/4	100.0	2.594206	50.0	405018.0	0.025942	Y
4	IC 860-100412/5	250.0	6.320225	50.0	393554.0	0.025281	Y
5	ICIS 860-100412/6	500.0	13.115779	50.0	378342.0	0.026232	Y
6	IC 860-100412/7	1000.0	23.364607	50.0	381789.0	0.023365	Y
7	IC 860-100412/8	1500.0	34.005128	50.0	404017.0	0.02267	Y



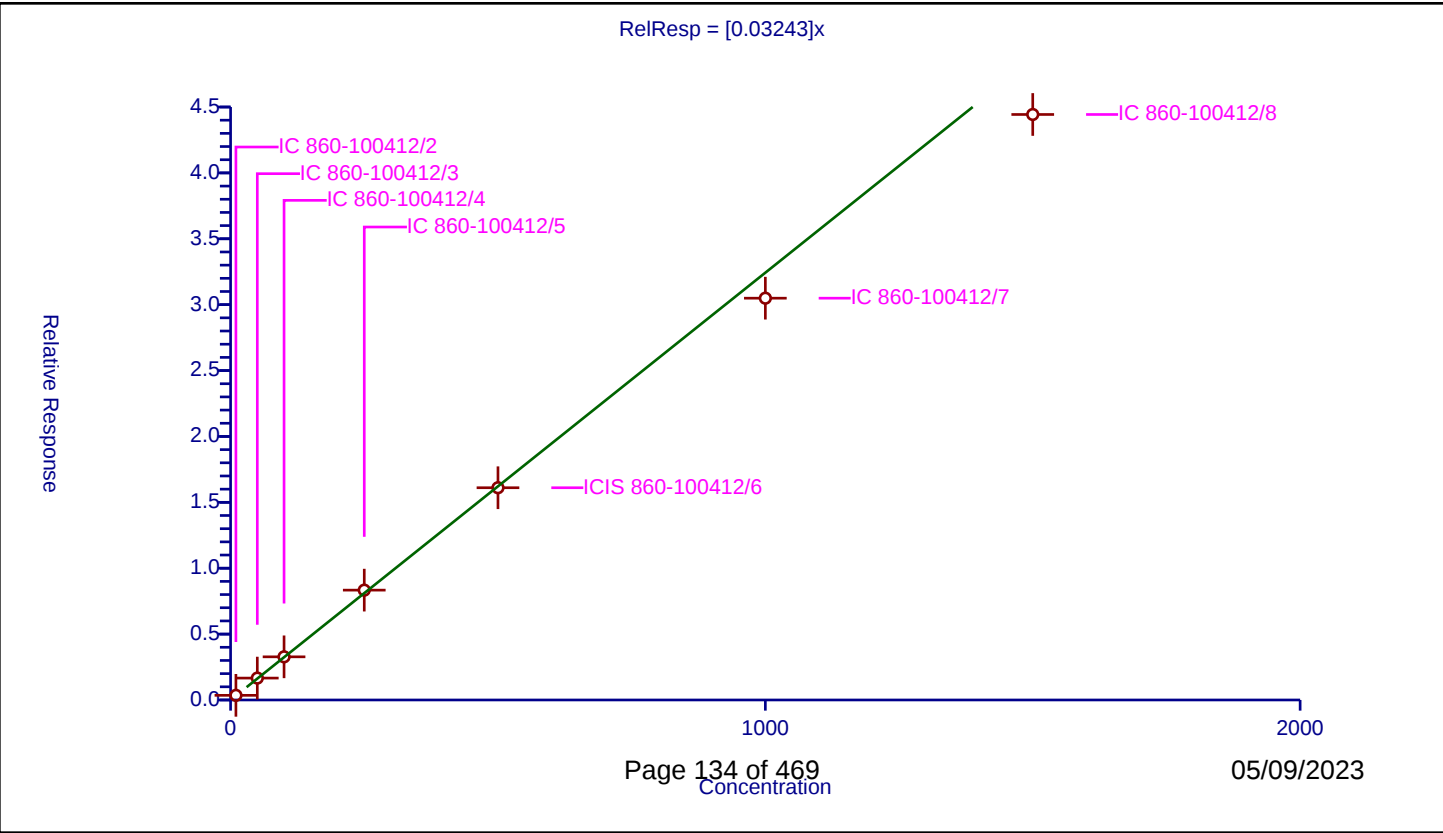
Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.03243
Error Coefficients	
Standard Error:	184000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	10.0	0.35329	50.0	399247.0	0.035329	Y
2	IC 860-100412/3	50.0	1.66165	50.0	377095.0	0.033233	Y
3	IC 860-100412/4	100.0	3.275163	50.0	405018.0	0.032752	Y
4	IC 860-100412/5	250.0	8.335705	50.0	393554.0	0.033343	Y
5	ICIS 860-100412/6	500.0	16.106724	50.0	378342.0	0.032213	Y
6	IC 860-100412/7	1000.0	30.49289	50.0	381789.0	0.030493	Y
7	IC 860-100412/8	1500.0	44.433774	50.0	404017.0	0.029623	Y



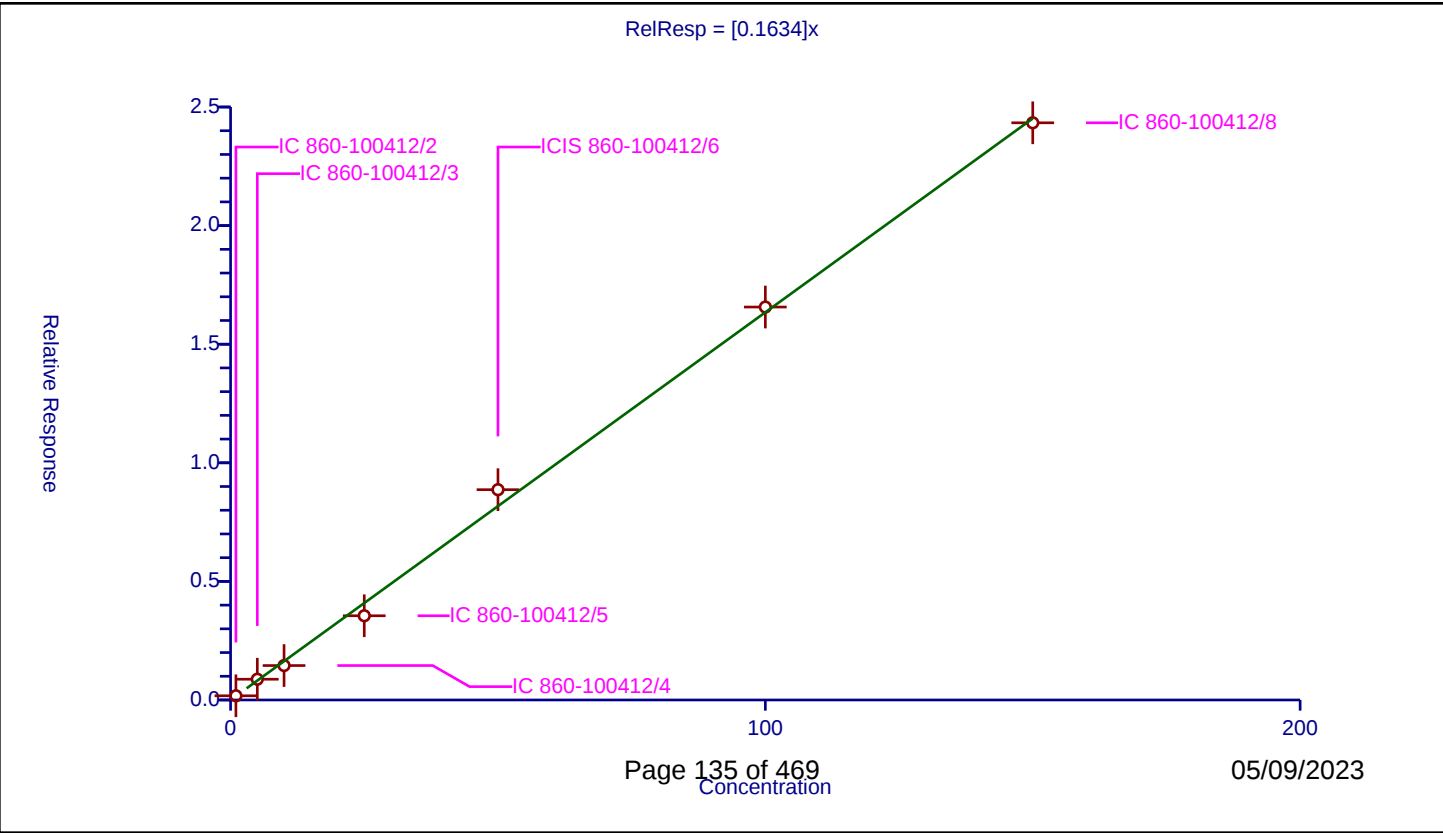
Calibration

/ 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:	0.1634
Error Coefficients	
Standard Error:	100000
Relative Standard Error:	9.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.176708	50.0	399247.0	0.176708	Y
2	IC 860-100412/3	5.0	0.874713	50.0	377095.0	0.174943	Y
3	IC 860-100412/4	10.0	1.451911	50.0	405018.0	0.145191	Y
4	IC 860-100412/5	25.0	3.551482	50.0	393554.0	0.142059	Y
5	ICIS 860-100412/6	50.0	8.866052	50.0	378342.0	0.177321	Y
6	IC 860-100412/7	100.0	16.566742	50.0	381789.0	0.165667	Y
7	IC 860-100412/8	150.0	24.333877	50.0	404017.0	0.162226	Y



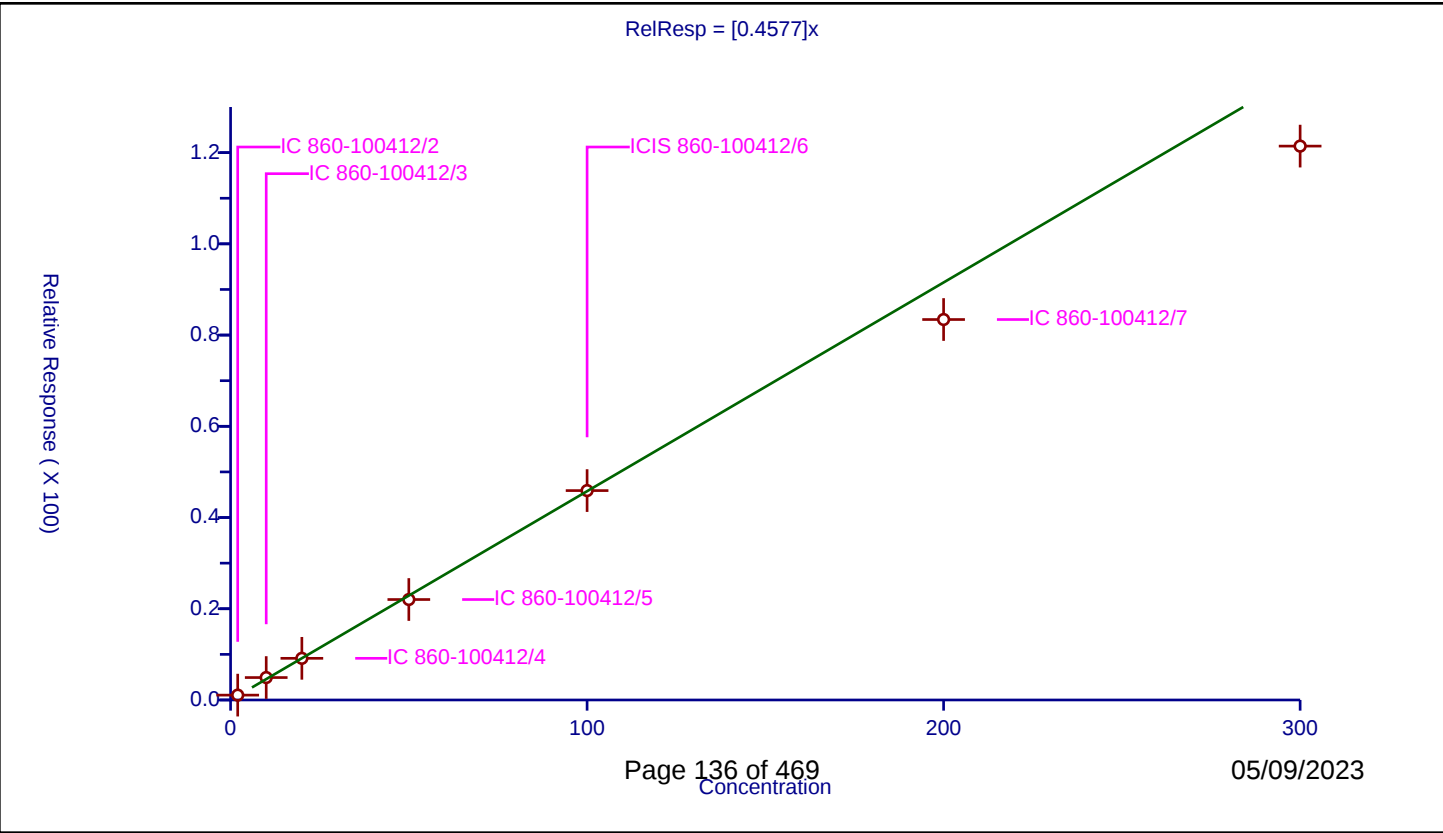
Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4577
Error Coefficients	
Standard Error:	504000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	2.0	1.067384	50.0	399247.0	0.533692	Y
2	IC 860-100412/3	10.0	4.918654	50.0	377095.0	0.491865	Y
3	IC 860-100412/4	20.0	9.134162	50.0	405018.0	0.456708	Y
4	IC 860-100412/5	50.0	22.027346	50.0	393554.0	0.440547	Y
5	ICIS 860-100412/6	100.0	45.905821	50.0	378342.0	0.459058	Y
6	IC 860-100412/7	200.0	83.413351	50.0	381789.0	0.417067	Y
7	IC 860-100412/8	300.0	121.431029	50.0	404017.0	0.40477	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

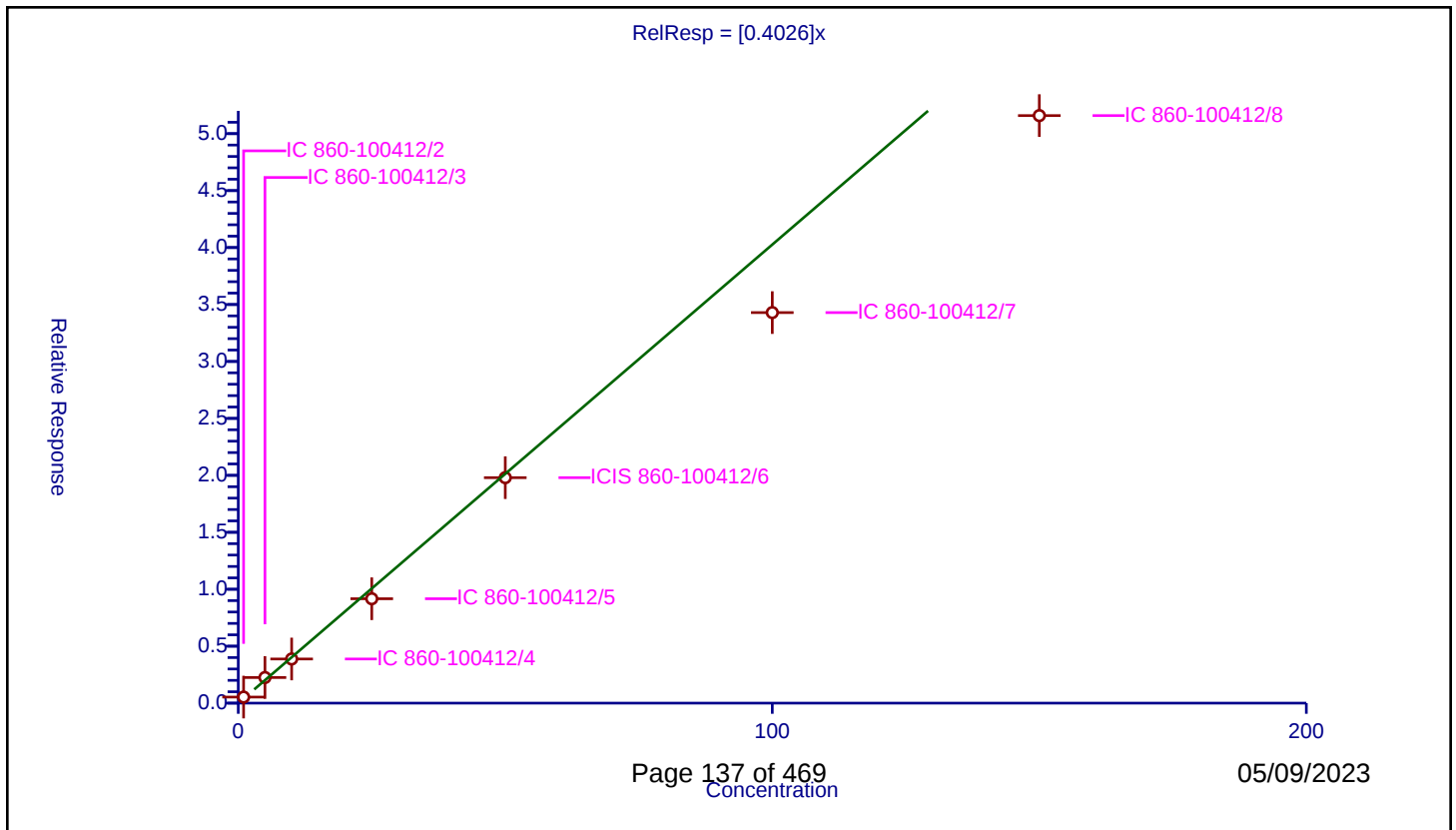
Curve Coefficients

Intercept: 0
Slope: 0.4026

Error Coefficients

Standard Error: 213000
Relative Standard Error: 16.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.531375	50.0	399247.0	0.531375	Y
2	IC 860-100412/3	5.0	2.248638	50.0	377095.0	0.449728	Y
3	IC 860-100412/4	10.0	3.876124	50.0	405018.0	0.387612	Y
4	IC 860-100412/5	25.0	9.166595	50.0	393554.0	0.366664	Y
5	ICIS 860-100412/6	50.0	19.796507	50.0	378342.0	0.39593	Y
6	IC 860-100412/7	100.0	34.290406	50.0	381789.0	0.342904	Y
7	IC 860-100412/8	150.0	51.586691	50.0	404017.0	0.343911	Y



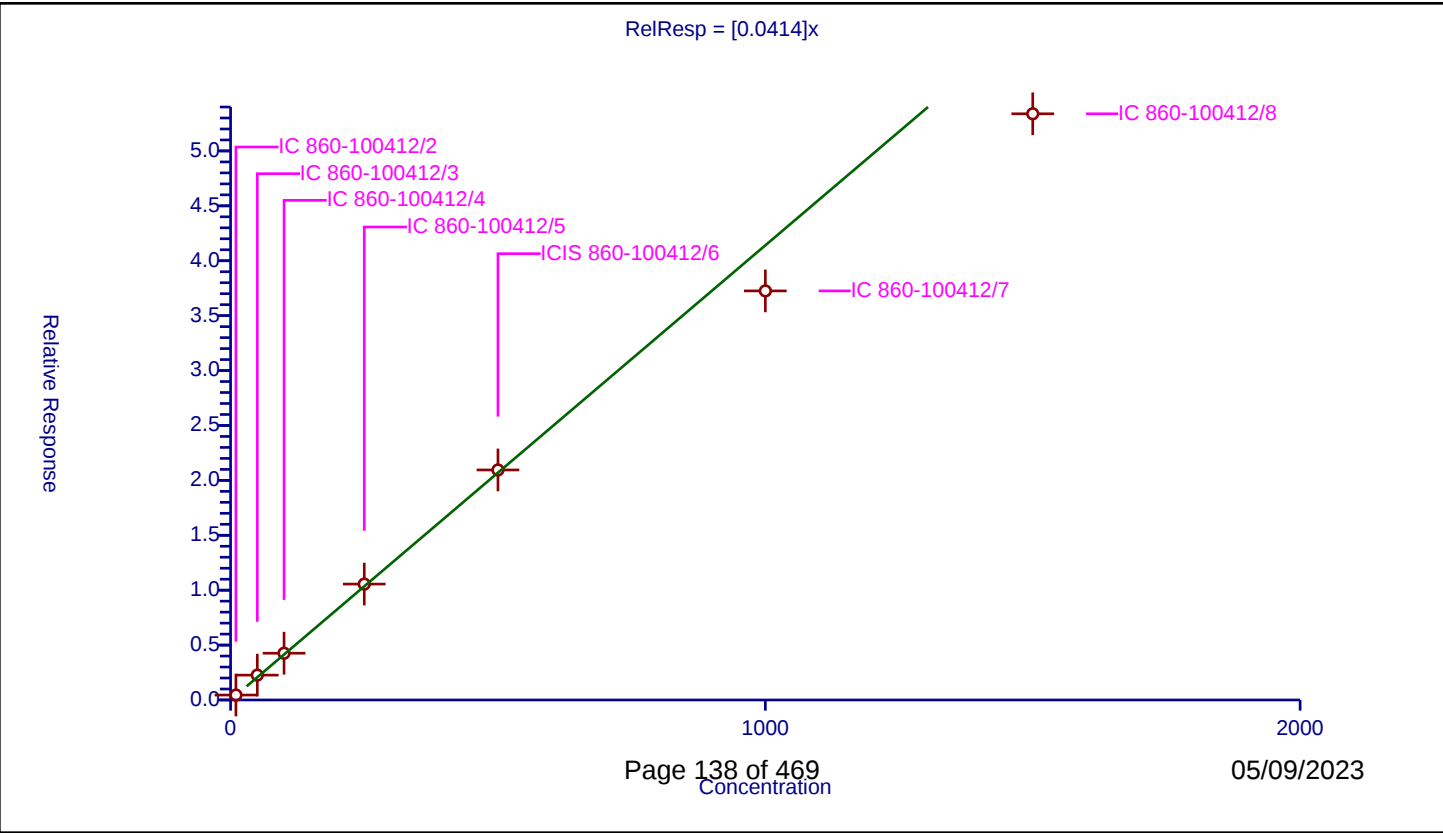
Calibration

/ 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:	0.0414
Error Coefficients	
Standard Error:	224000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	10.0	0.449722	50.0	399247.0	0.044972	Y
2	IC 860-100412/3	50.0	2.265344	50.0	377095.0	0.045307	Y
3	IC 860-100412/4	100.0	4.259193	50.0	405018.0	0.042592	Y
4	IC 860-100412/5	250.0	10.55446	50.0	393554.0	0.042218	Y
5	ICIS 860-100412/6	500.0	20.9493	50.0	378342.0	0.041899	Y
6	IC 860-100412/7	1000.0	37.253692	50.0	381789.0	0.037254	Y
7	IC 860-100412/8	1500.0	53.383645	50.0	404017.0	0.035589	Y



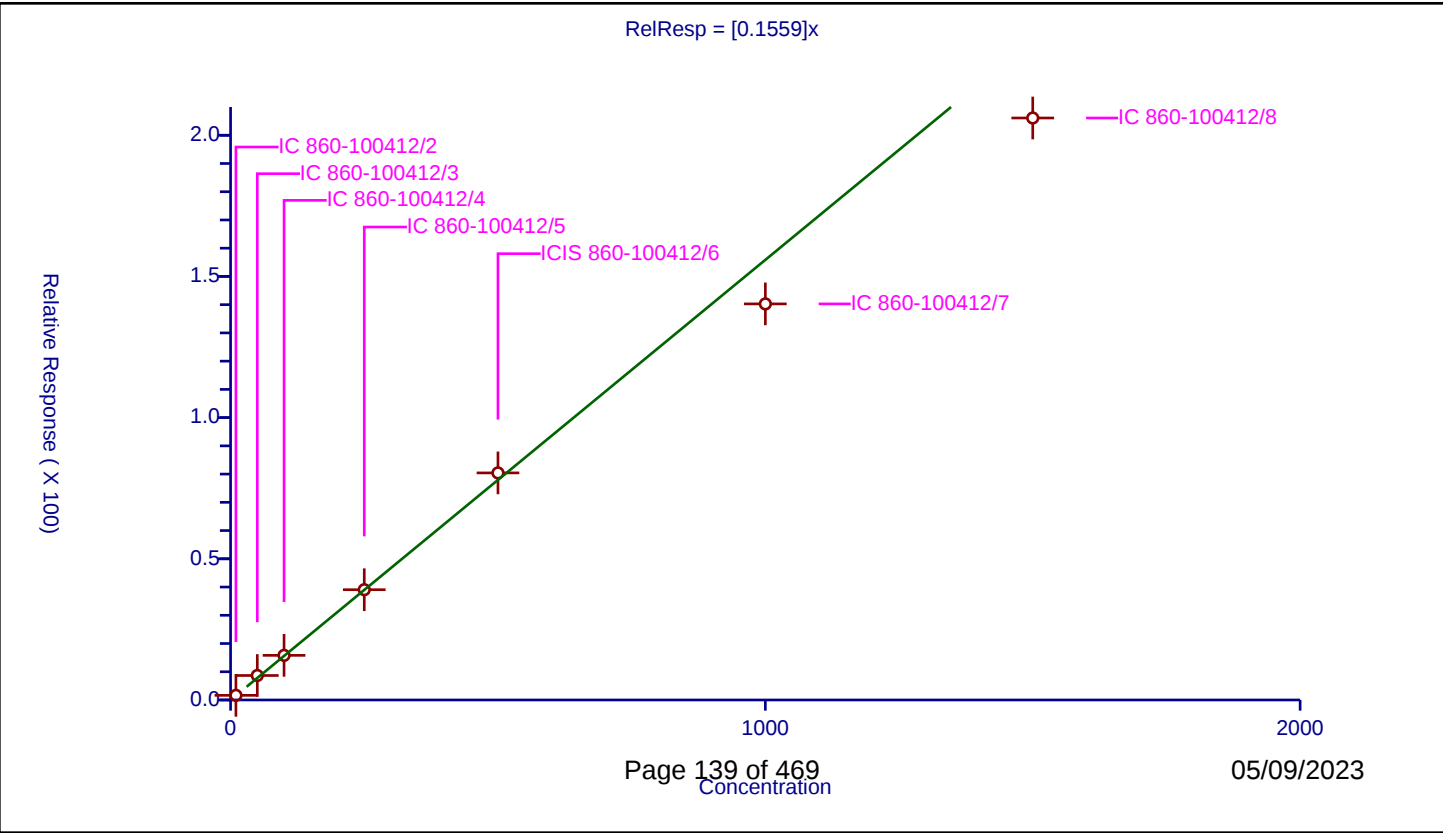
Calibration

/ 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:	0.1559
Error Coefficients	
Standard Error:	857000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	10.0	1.648228	50.0	399247.0	0.164823	Y
2	IC 860-100412/3	50.0	8.674605	50.0	377095.0	0.173492	Y
3	IC 860-100412/4	100.0	15.800162	50.0	405018.0	0.158002	Y
4	IC 860-100412/5	250.0	39.059443	50.0	393554.0	0.156238	Y
5	ICIS 860-100412/6	500.0	80.418775	50.0	378342.0	0.160838	Y
6	IC 860-100412/7	1000.0	140.27303	50.0	381789.0	0.140273	Y
7	IC 860-100412/8	1500.0	206.105312	50.0	404017.0	0.137404	Y



Calibration

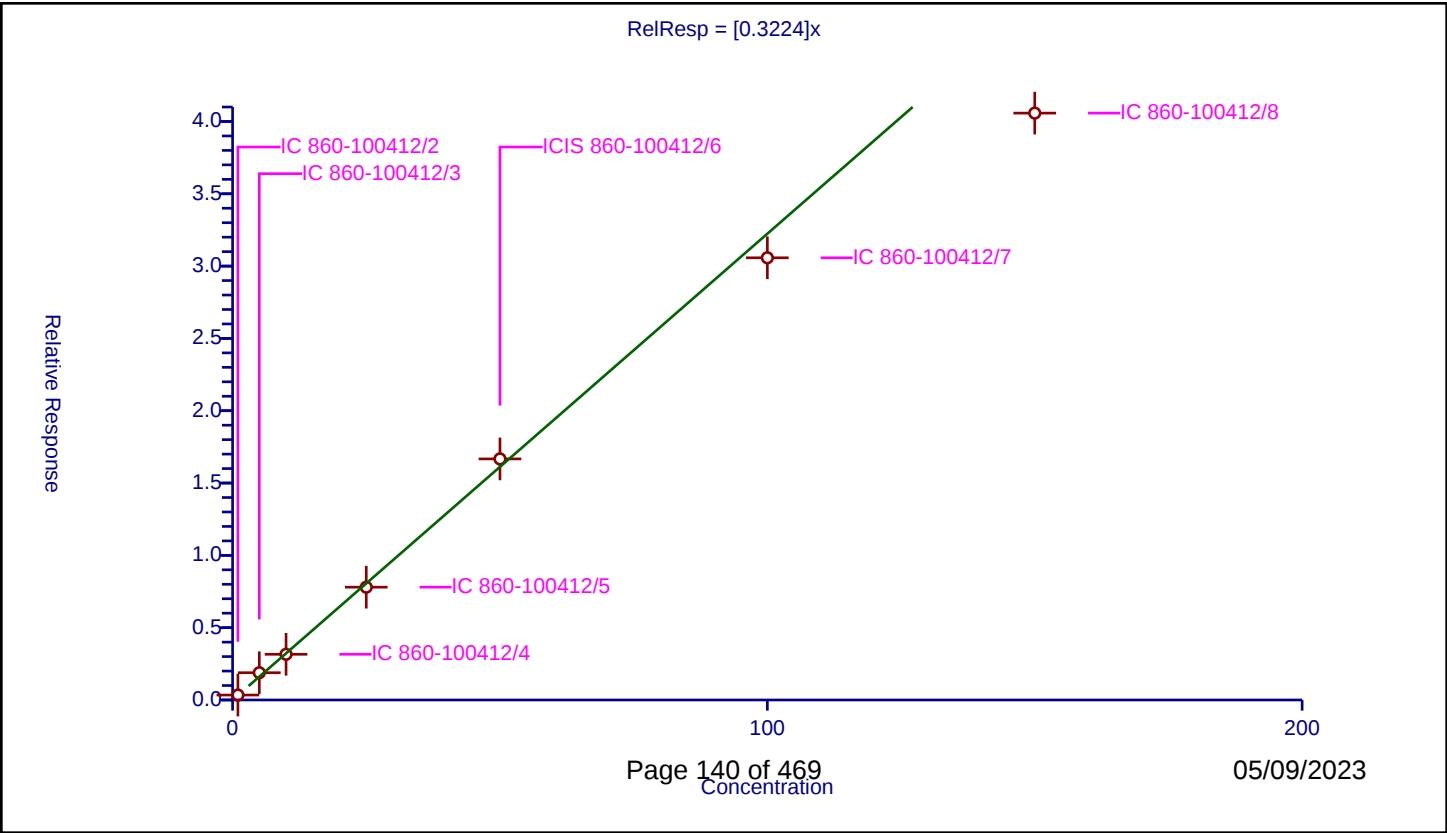
/ trans-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3224

Error Coefficients	
Standard Error:	174000
Relative Standard Error:	10.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.342269	50.0	399247.0	0.342269	Y
2	IC 860-100412/3	5.0	1.884538	50.0	377095.0	0.376908	Y
3	IC 860-100412/4	10.0	3.158872	50.0	405018.0	0.315887	Y
4	IC 860-100412/5	25.0	7.799819	50.0	393554.0	0.311993	Y
5	ICIS 860-100412/6	50.0	16.668649	50.0	378342.0	0.333373	Y
6	IC 860-100412/7	100.0	30.57592	50.0	381789.0	0.305759	Y
7	IC 860-100412/8	150.0	40.578491	50.0	404017.0	0.270523	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

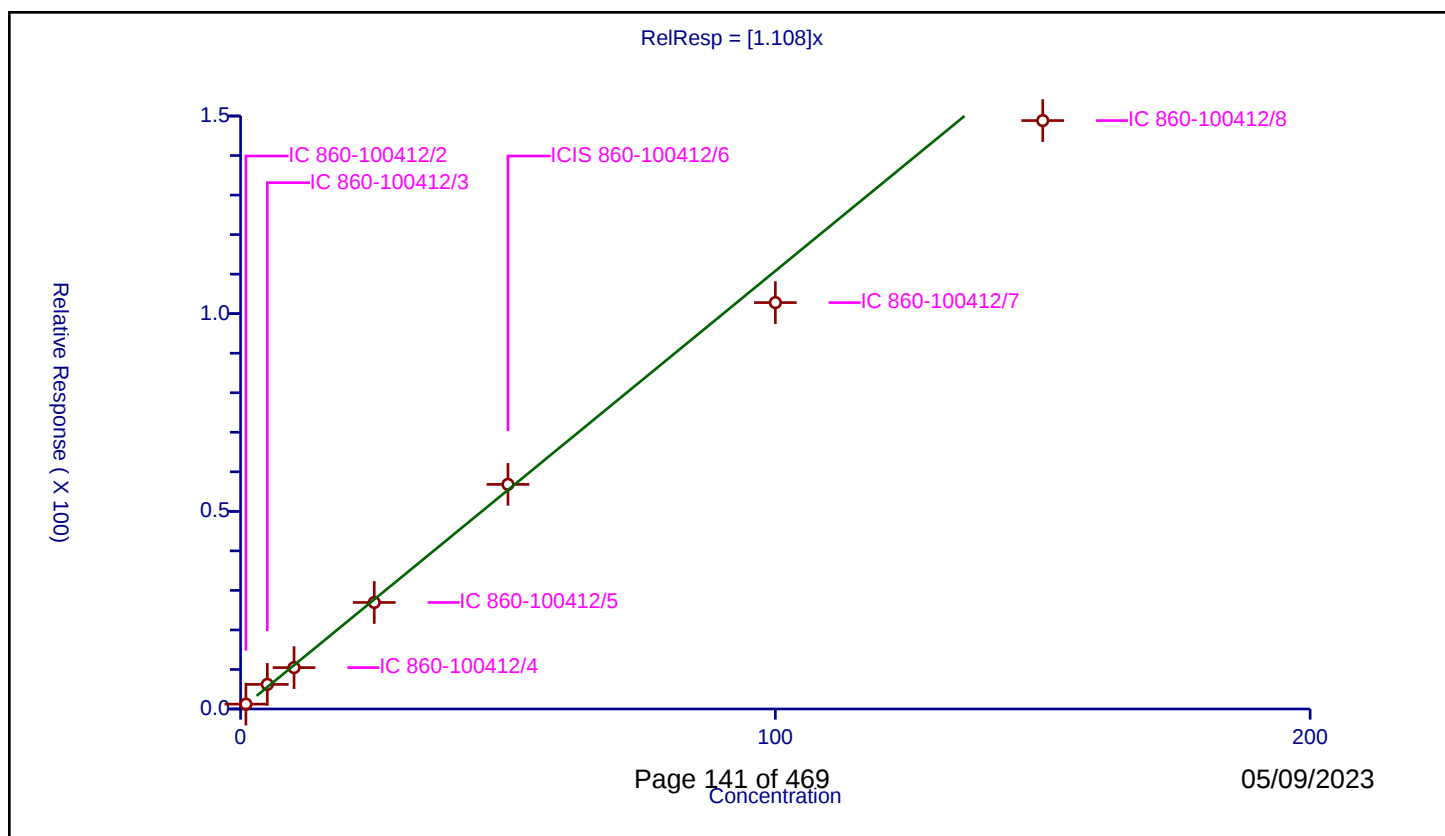
Curve Coefficients

Intercept: 0
Slope: 1.108

Error Coefficients

Standard Error: 619000
Relative Standard Error: 9.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.231193	50.0	399247.0	1.231193	Y
2	IC 860-100412/3	5.0	6.22204	50.0	377095.0	1.244408	Y
3	IC 860-100412/4	10.0	10.466078	50.0	405018.0	1.046608	Y
4	IC 860-100412/5	25.0	26.944206	50.0	393554.0	1.077768	Y
5	ICIS 860-100412/6	50.0	56.812091	50.0	378342.0	1.136242	Y
6	IC 860-100412/7	100.0	102.798535	50.0	381789.0	1.027985	Y
7	IC 860-100412/8	150.0	148.845098	50.0	404017.0	0.992301	Y



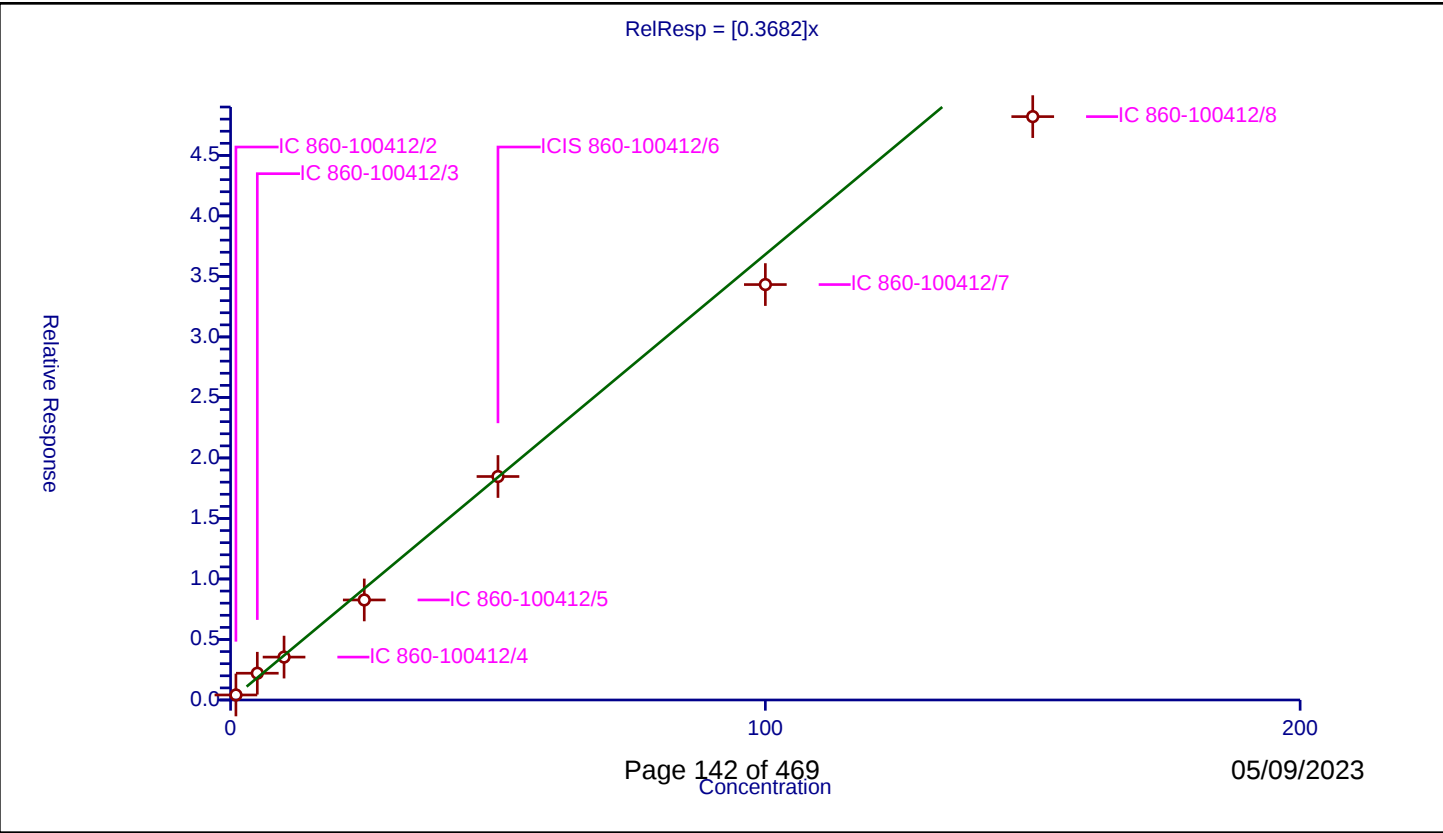
Calibration

/ 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:	0.3682
Error Coefficients	
Standard Error:	202000
Relative Standard Error:	12.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.416033	50.0	399247.0	0.416033	Y
2	IC 860-100412/3	5.0	2.210318	50.0	377095.0	0.442064	Y
3	IC 860-100412/4	10.0	3.544904	50.0	405018.0	0.35449	Y
4	IC 860-100412/5	25.0	8.26748	50.0	393554.0	0.330699	Y
5	ICIS 860-100412/6	50.0	18.467286	50.0	378342.0	0.369346	Y
6	IC 860-100412/7	100.0	34.329564	50.0	381789.0	0.343296	Y
7	IC 860-100412/8	150.0	48.205769	50.0	404017.0	0.321372	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

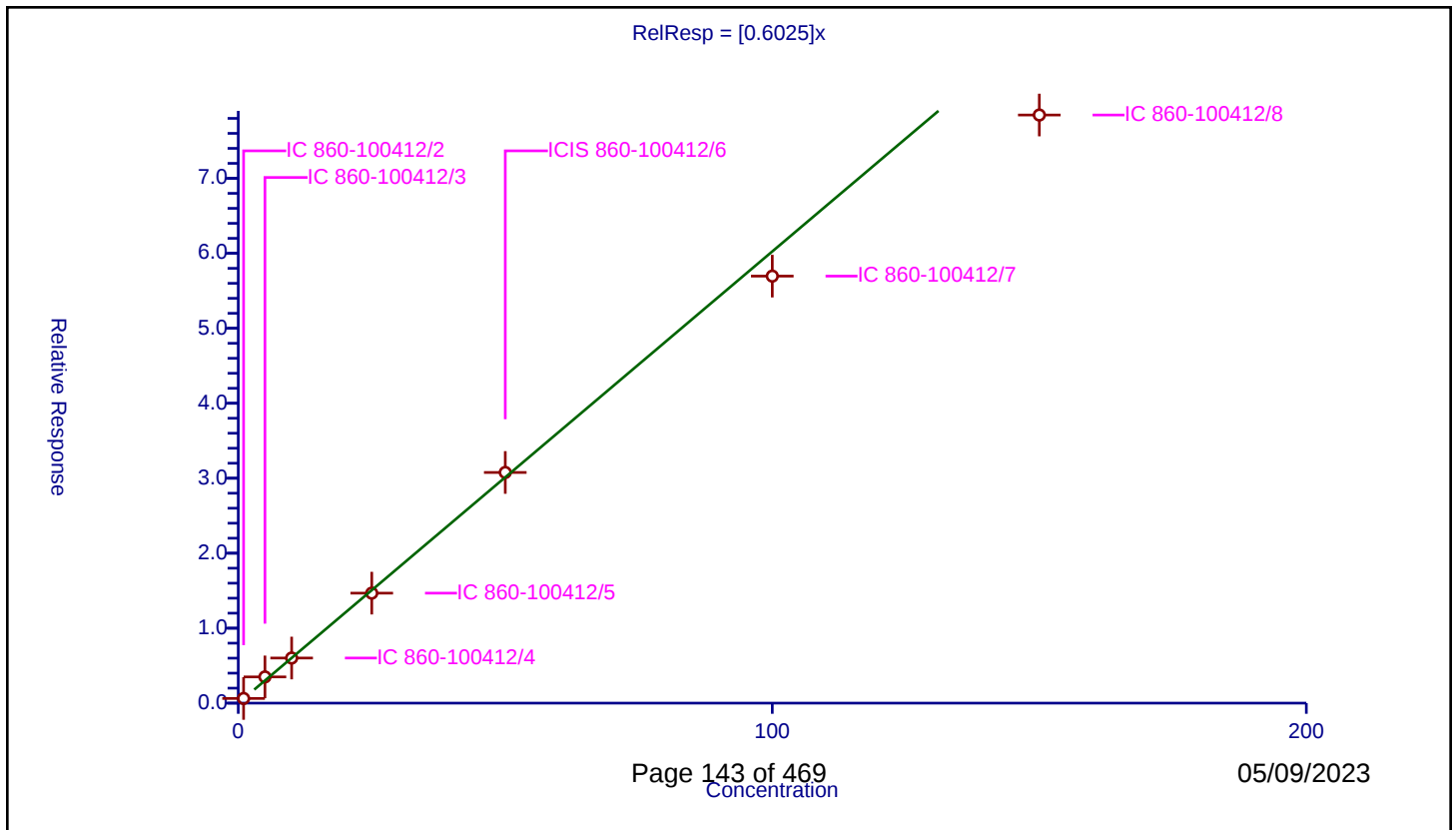
Curve Coefficients

Intercept: 0
Slope: 0.6025

Error Coefficients

Standard Error: 332000
Relative Standard Error: 9.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.622046	50.0	399247.0	0.622046	Y
2	IC 860-100412/3	5.0	3.495936	50.0	377095.0	0.699187	Y
3	IC 860-100412/4	10.0	6.014918	50.0	405018.0	0.601492	Y
4	IC 860-100412/5	25.0	14.669651	50.0	393554.0	0.586786	Y
5	ICIS 860-100412/6	50.0	30.768987	50.0	378342.0	0.61538	Y
6	IC 860-100412/7	100.0	56.959865	50.0	381789.0	0.569599	Y
7	IC 860-100412/8	150.0	78.447937	50.0	404017.0	0.522986	Y



Calibration

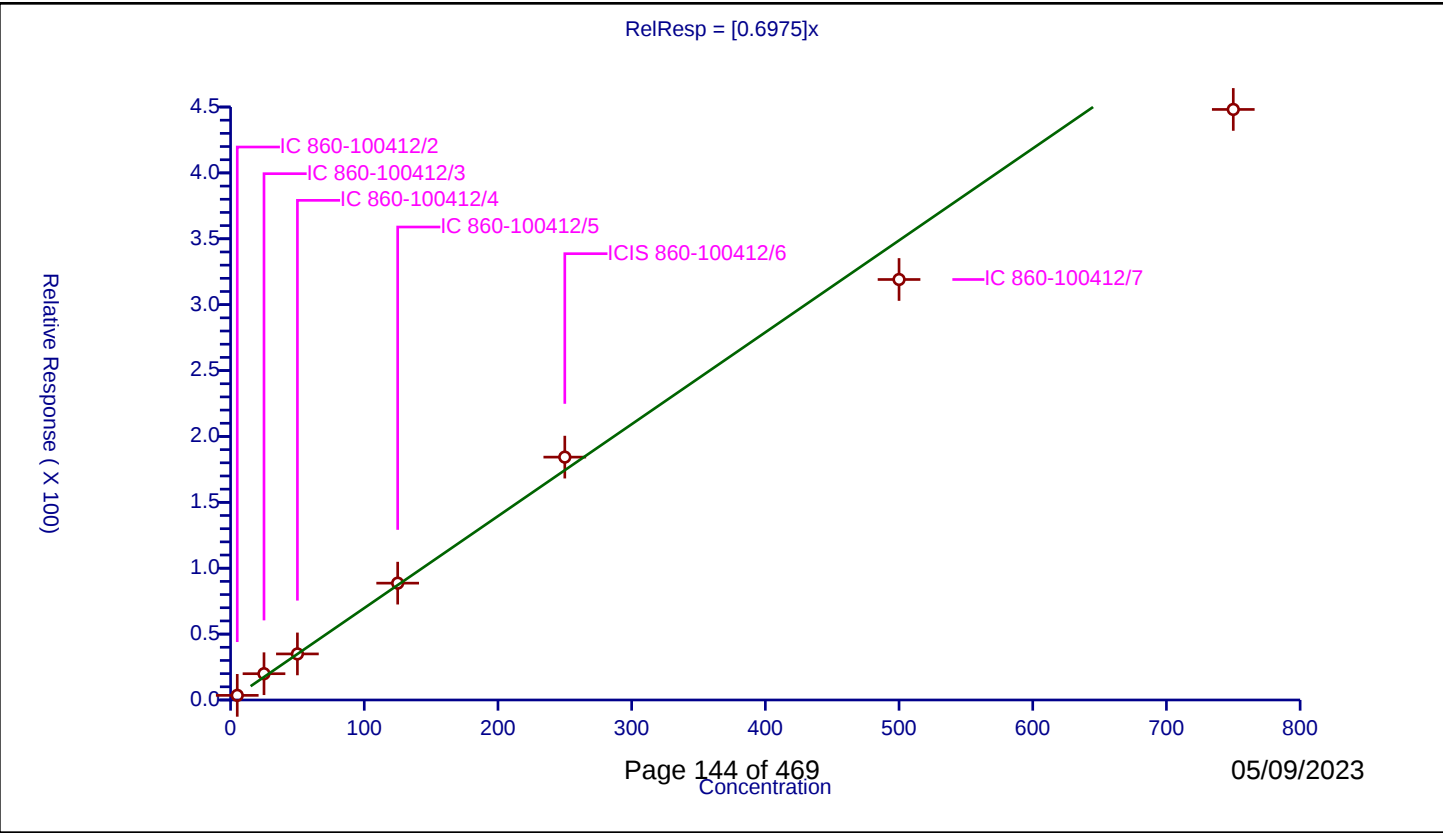
/ Vinyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6975

Error Coefficients	
Standard Error:	1900000
Relative Standard Error:	9.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	5.0	3.516495	50.0	399247.0	0.703299	Y
2	IC 860-100412/3	25.0	19.940201	50.0	377095.0	0.797608	Y
3	IC 860-100412/4	50.0	34.968075	50.0	405018.0	0.699362	Y
4	IC 860-100412/5	125.0	88.67703	50.0	393554.0	0.709416	Y
5	ICIS 860-100412/6	250.0	184.31287	50.0	378342.0	0.737251	Y
6	IC 860-100412/7	500.0	319.115794	50.0	381789.0	0.638232	Y
7	IC 860-100412/8	750.0	448.164062	50.0	404017.0	0.597552	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

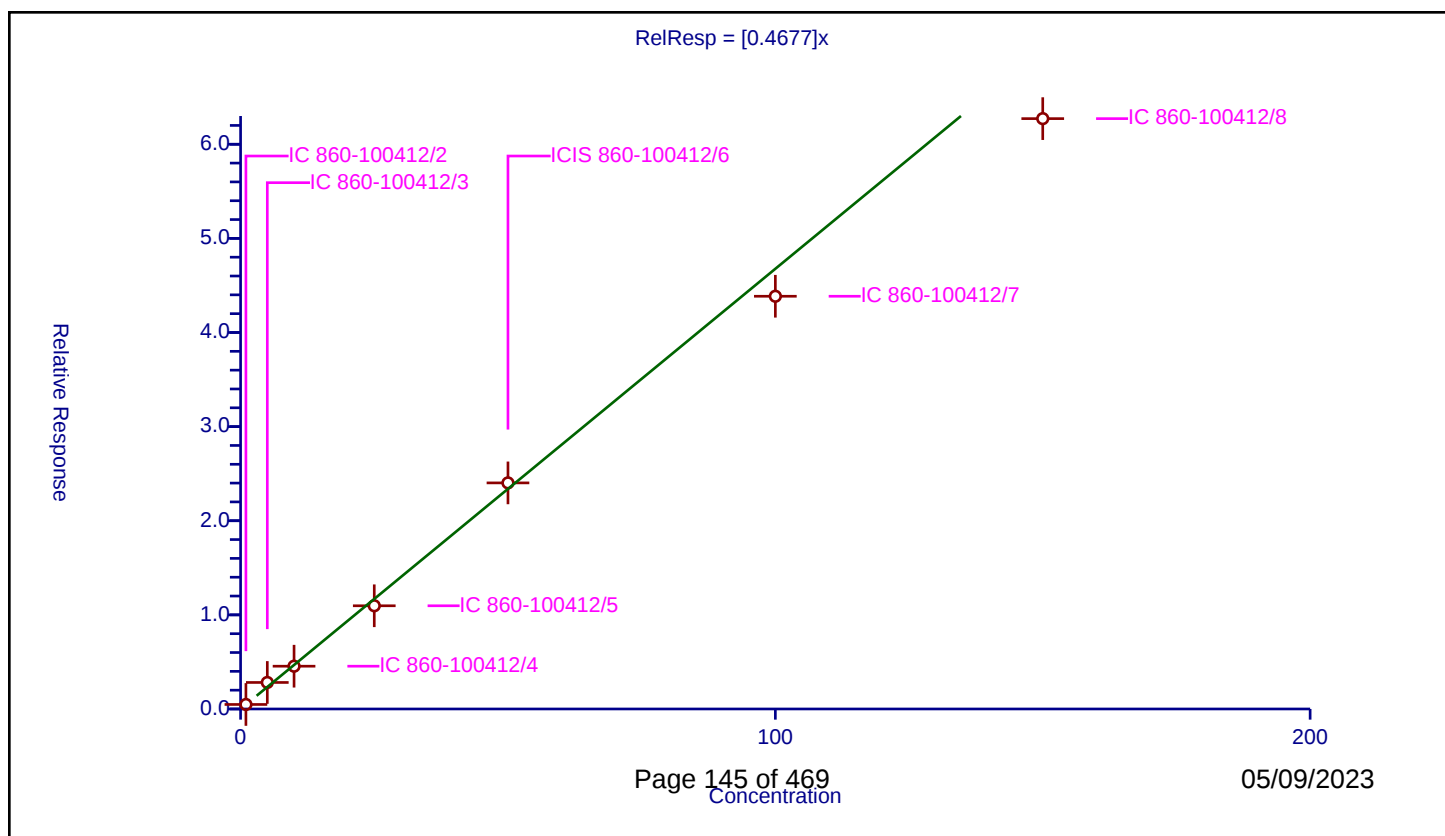
Curve Coefficients

Intercept: 0
Slope: 0.4677

Error Coefficients

Standard Error: 262000
Relative Standard Error: 10.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.479778	50.0	399247.0	0.479778	Y
2	IC 860-100412/3	5.0	2.818786	50.0	377095.0	0.563757	Y
3	IC 860-100412/4	10.0	4.545354	50.0	405018.0	0.454535	Y
4	IC 860-100412/5	25.0	10.964823	50.0	393554.0	0.438593	Y
5	ICIS 860-100412/6	50.0	24.020331	50.0	378342.0	0.480407	Y
6	IC 860-100412/7	100.0	43.851054	50.0	381789.0	0.438511	Y
7	IC 860-100412/8	150.0	62.721866	50.0	404017.0	0.418146	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

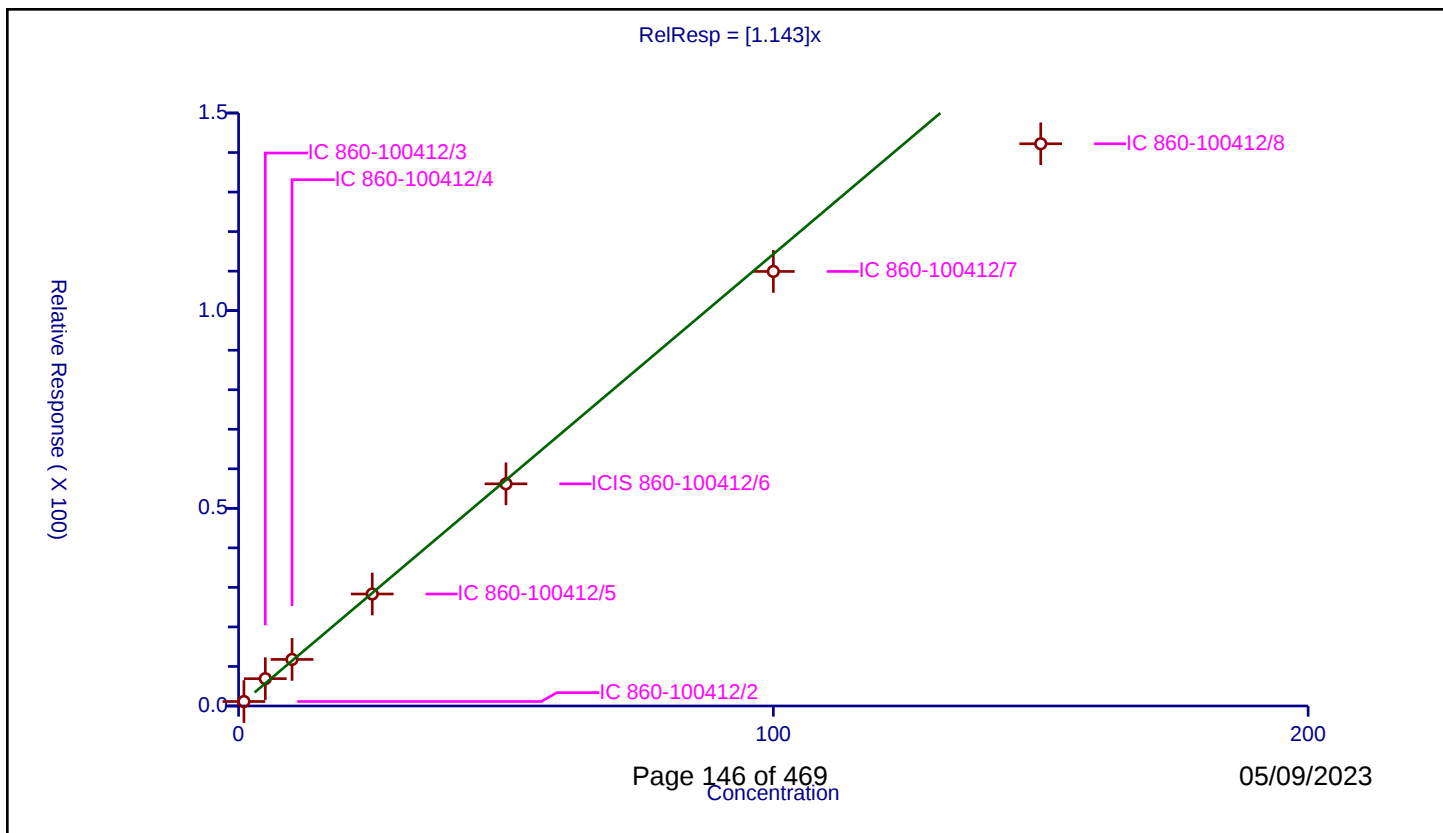
Curve Coefficients

Intercept: 0
Slope: 1.143

Error Coefficients

Standard Error: 615000
Relative Standard Error: 11.2
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.136765	50.0	399247.0	1.136765	Y
2	IC 860-100412/3	5.0	6.909532	50.0	377095.0	1.381906	Y
3	IC 860-100412/4	10.0	11.779106	50.0	405018.0	1.177911	Y
4	IC 860-100412/5	25.0	28.331563	50.0	393554.0	1.133263	Y
5	ICIS 860-100412/6	50.0	56.196774	50.0	378342.0	1.123935	Y
6	IC 860-100412/7	100.0	109.92158	50.0	381789.0	1.099216	Y
7	IC 860-100412/8	150.0	142.22409	50.0	404017.0	0.948161	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

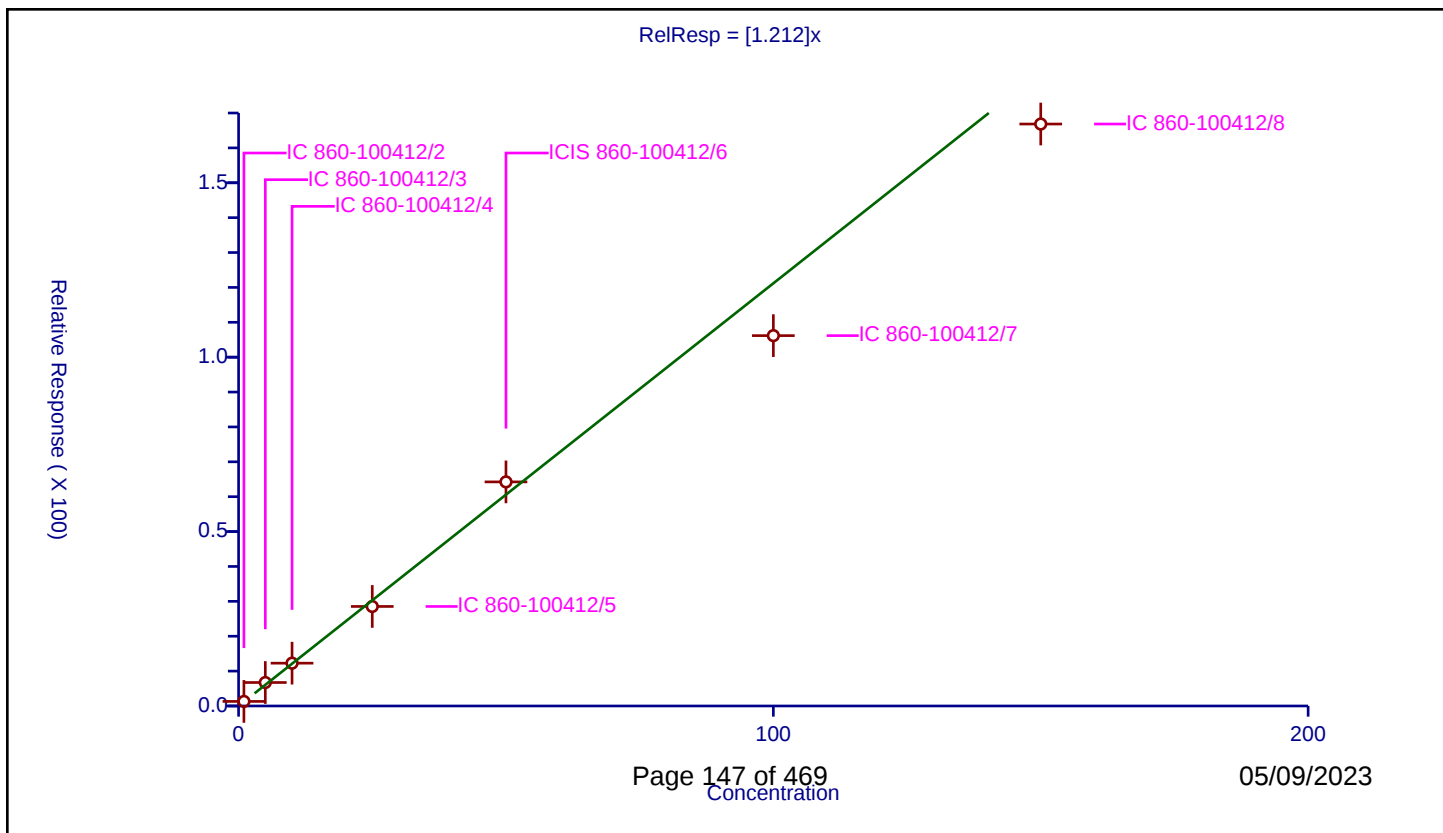
Curve Coefficients

Intercept: 0
Slope: 1.212

Error Coefficients

Standard Error: 680000
Relative Standard Error: 8.9
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.307962	50.0	399247.0	1.307962	Y
2	IC 860-100412/3	5.0	6.731725	50.0	377095.0	1.346345	Y
3	IC 860-100412/4	10.0	12.27501	50.0	405018.0	1.227501	Y
4	IC 860-100412/5	25.0	28.531409	50.0	393554.0	1.141256	Y
5	ICIS 860-100412/6	50.0	64.246502	50.0	378342.0	1.28493	Y
6	IC 860-100412/7	100.0	106.17671	50.0	381789.0	1.061767	Y
7	IC 860-100412/8	150.0	166.844464	50.0	404017.0	1.112296	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

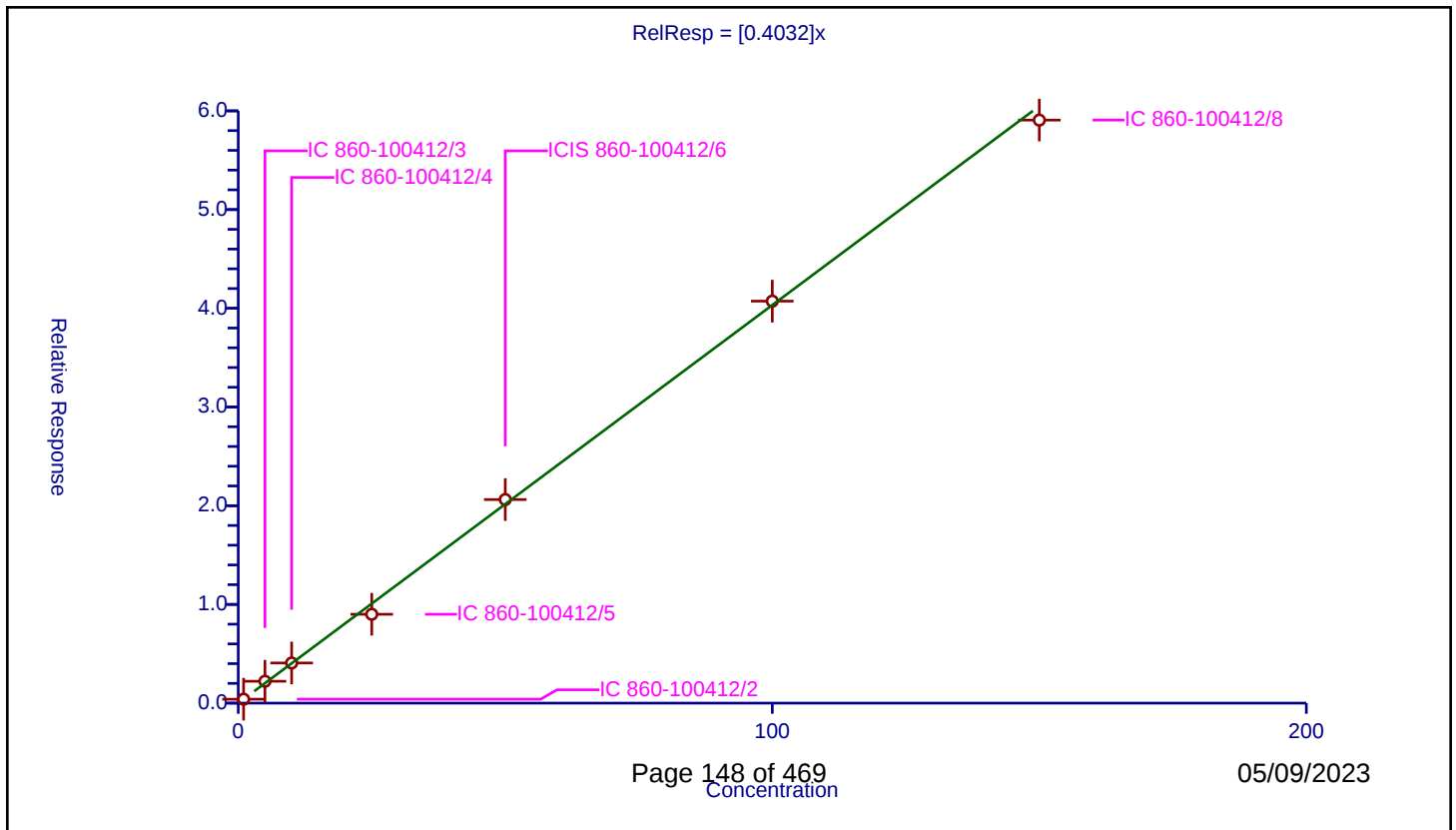
Curve Coefficients

Intercept: 0
Slope: 0.4032

Error Coefficients

Standard Error: 243000
Relative Standard Error: 6.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.399001	50.0	399247.0	0.399001	Y
2	IC 860-100412/3	5.0	2.217081	50.0	377095.0	0.443416	Y
3	IC 860-100412/4	10.0	4.067227	50.0	405018.0	0.406723	Y
4	IC 860-100412/5	25.0	9.001687	50.0	393554.0	0.360067	Y
5	ICIS 860-100412/6	50.0	20.624726	50.0	378342.0	0.412495	Y
6	IC 860-100412/7	100.0	40.726029	50.0	381789.0	0.40726	Y
7	IC 860-100412/8	150.0	59.065213	50.0	404017.0	0.393768	Y



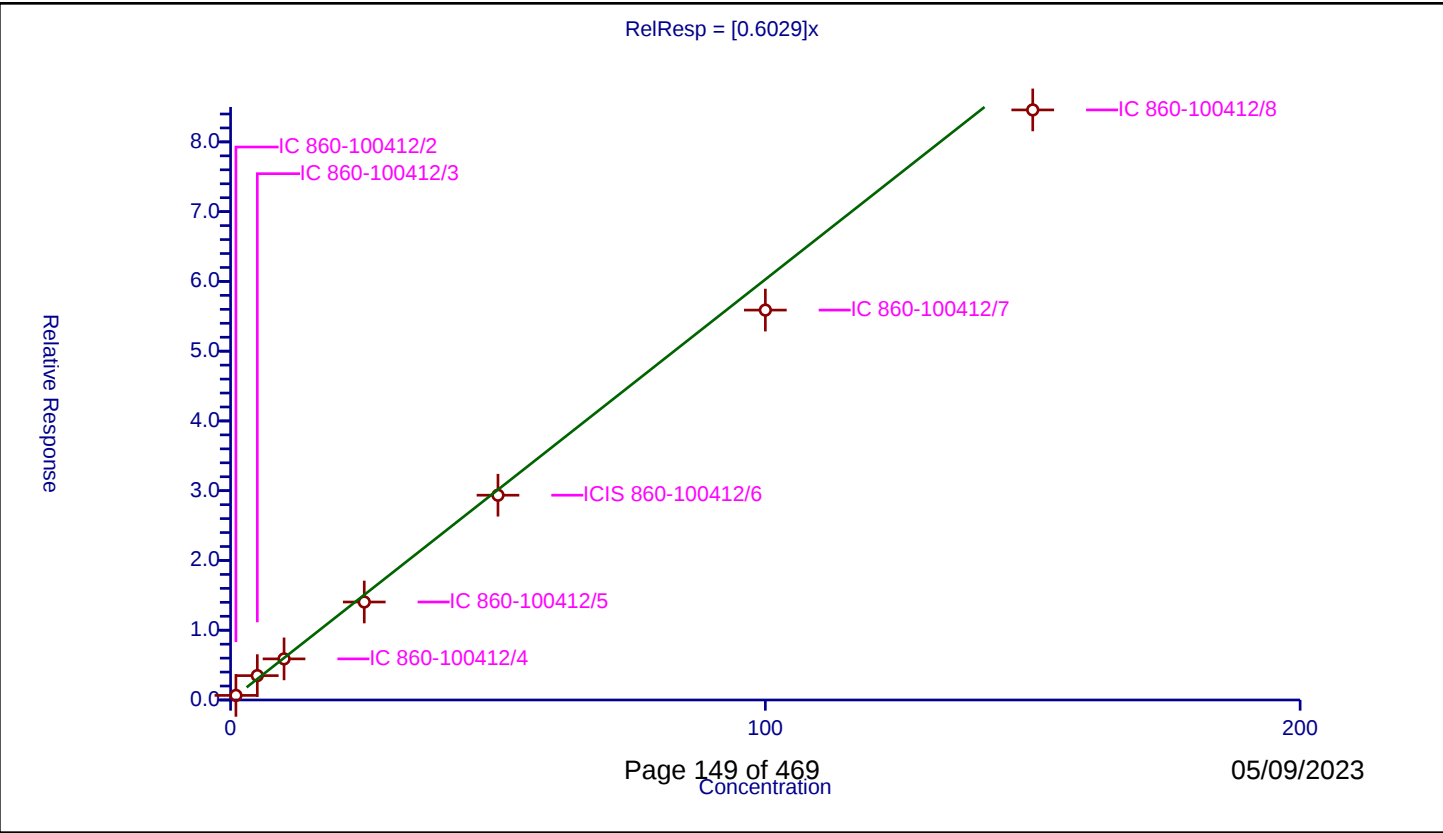
Calibration

/ 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:	0.6029
Error Coefficients	
Standard Error:	345000
Relative Standard Error:	9.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.660744	50.0	399247.0	0.660744	Y
2	IC 860-100412/3	5.0	3.492091	50.0	377095.0	0.698418	Y
3	IC 860-100412/4	10.0	5.891713	50.0	405018.0	0.589171	Y
4	IC 860-100412/5	25.0	14.0475	50.0	393554.0	0.5619	Y
5	ICIS 860-100412/6	50.0	29.355187	50.0	378342.0	0.587104	Y
6	IC 860-100412/7	100.0	55.890426	50.0	381789.0	0.558904	Y
7	IC 860-100412/8	150.0	84.584931	50.0	404017.0	0.5639	Y



Calibration

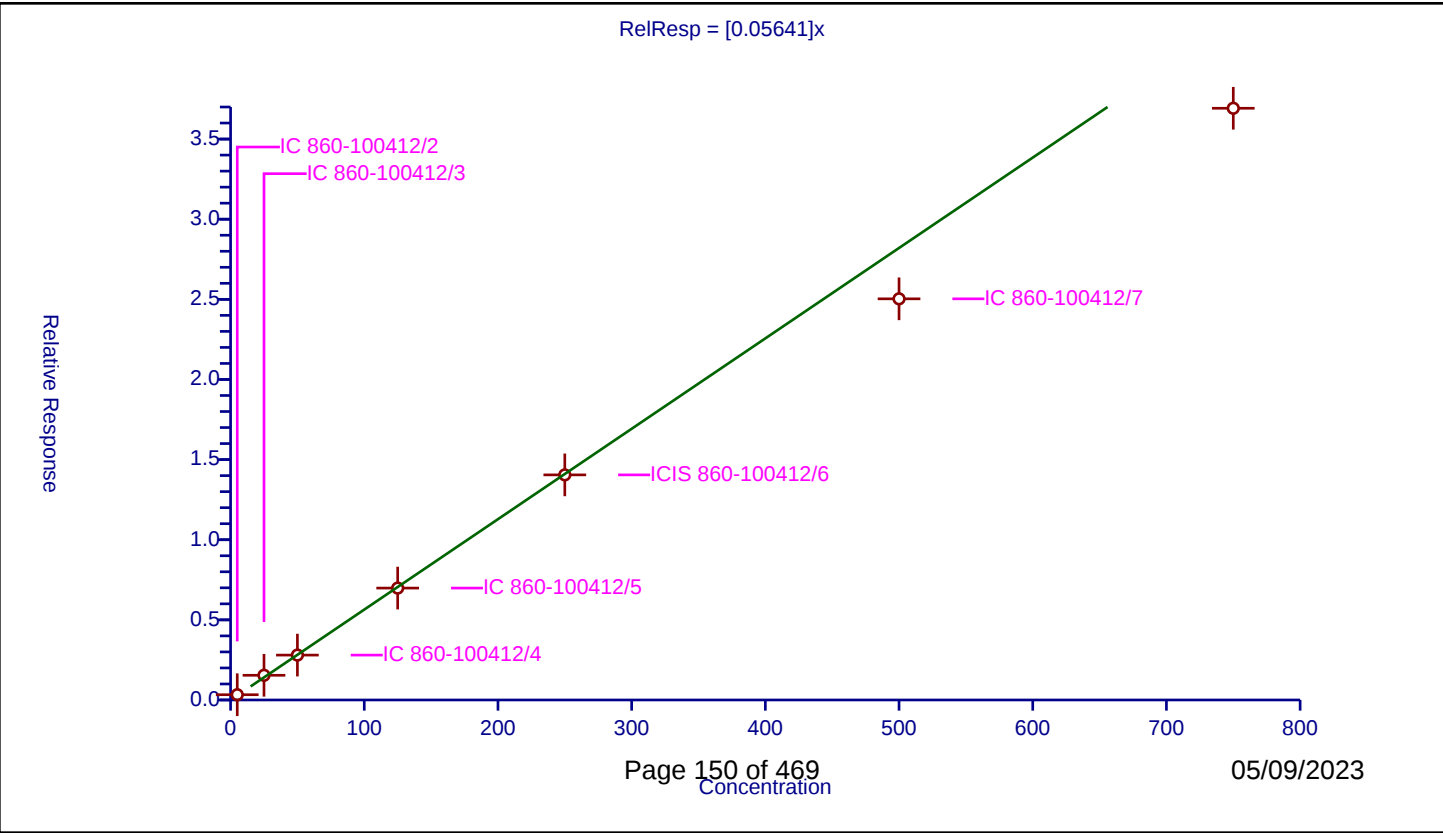
/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.05641

Error Coefficients	
Standard Error:	153000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	5.0	0.328994	50.0	399247.0	0.065799	Y
2	IC 860-100412/3	25.0	1.541787	50.0	377095.0	0.061671	Y
3	IC 860-100412/4	50.0	2.801851	50.0	405018.0	0.056037	Y
4	IC 860-100412/5	125.0	6.982269	50.0	393554.0	0.055858	Y
5	ICIS 860-100412/6	250.0	14.046022	50.0	378342.0	0.056184	Y
6	IC 860-100412/7	500.0	25.03058	50.0	381789.0	0.050061	Y
7	IC 860-100412/8	750.0	36.921714	50.0	404017.0	0.049229	Y



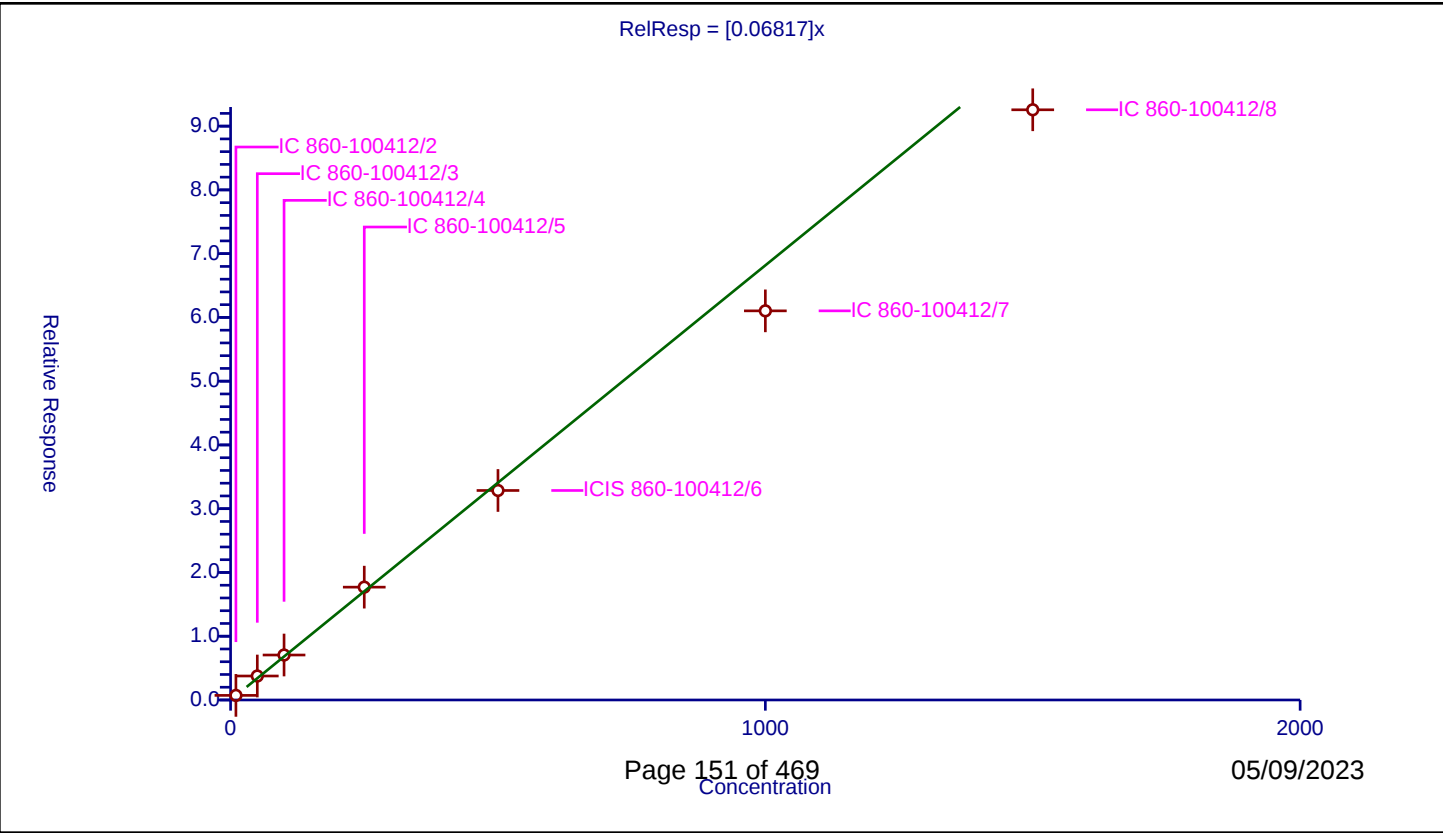
Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06817
Error Coefficients	
Standard Error:	379000
Relative Standard Error:	8.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	10.0	0.721608	50.0	399247.0	0.072161	Y
2	IC 860-100412/3	50.0	3.760326	50.0	377095.0	0.075207	Y
3	IC 860-100412/4	100.0	7.055489	50.0	405018.0	0.070555	Y
4	IC 860-100412/5	250.0	17.697698	50.0	393554.0	0.070791	Y
5	ICIS 860-100412/6	500.0	32.85982	50.0	378342.0	0.06572	Y
6	IC 860-100412/7	1000.0	61.028343	50.0	381789.0	0.061028	Y
7	IC 860-100412/8	1500.0	92.566278	50.0	404017.0	0.061711	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

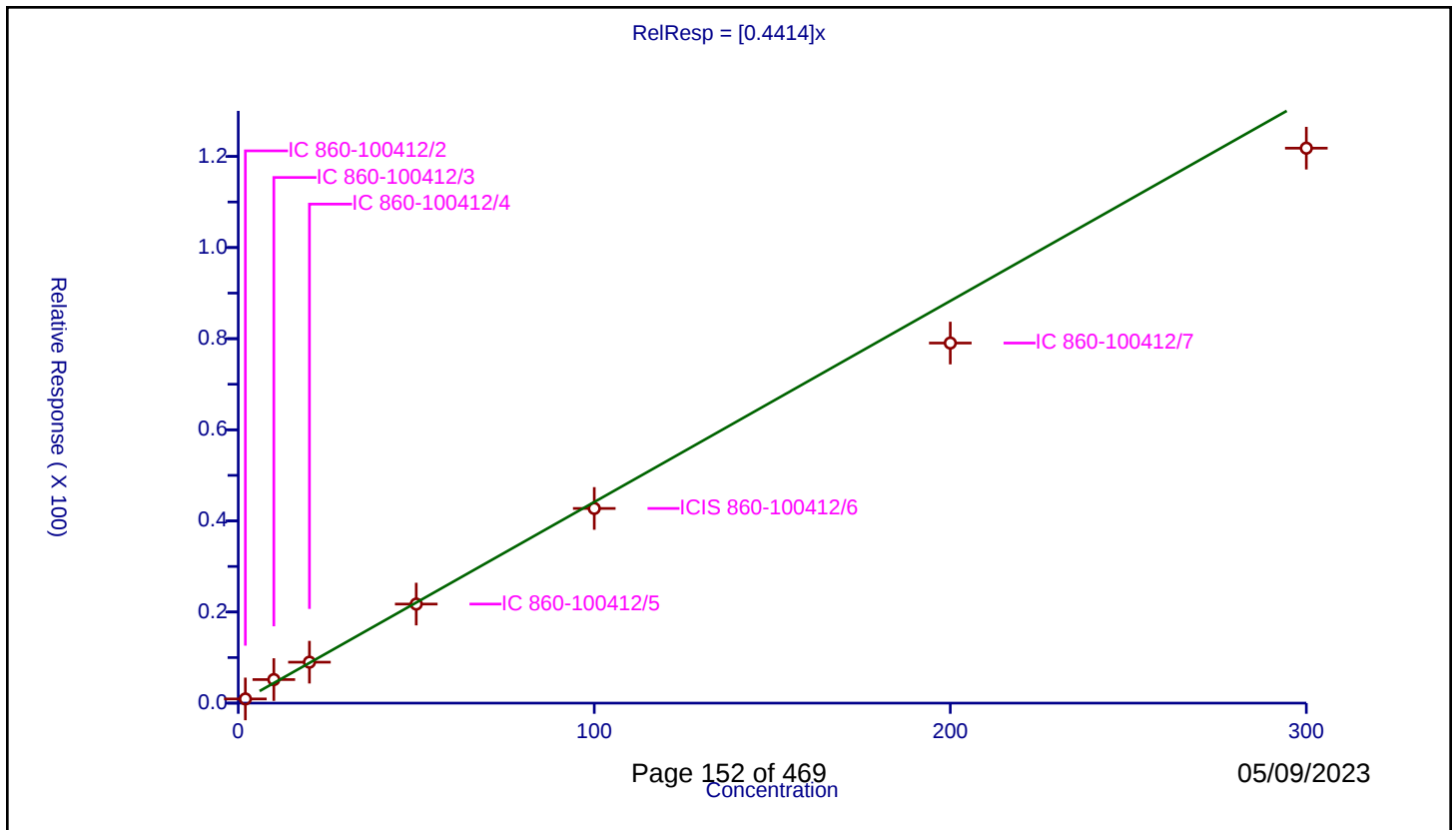
Curve Coefficients

Intercept: 0
Slope: 0.4414

Error Coefficients

Standard Error: 496000
Relative Standard Error: 9.1
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	2.0	0.919982	50.0	399247.0	0.459991	Y
2	IC 860-100412/3	10.0	5.17058	50.0	377095.0	0.517058	Y
3	IC 860-100412/4	20.0	8.989107	50.0	405018.0	0.449455	Y
4	IC 860-100412/5	50.0	21.742505	50.0	393554.0	0.43485	Y
5	ICIS 860-100412/6	100.0	42.731841	50.0	378342.0	0.427318	Y
6	IC 860-100412/7	200.0	79.036981	50.0	381789.0	0.395185	Y
7	IC 860-100412/8	300.0	121.813439	50.0	404017.0	0.406045	Y



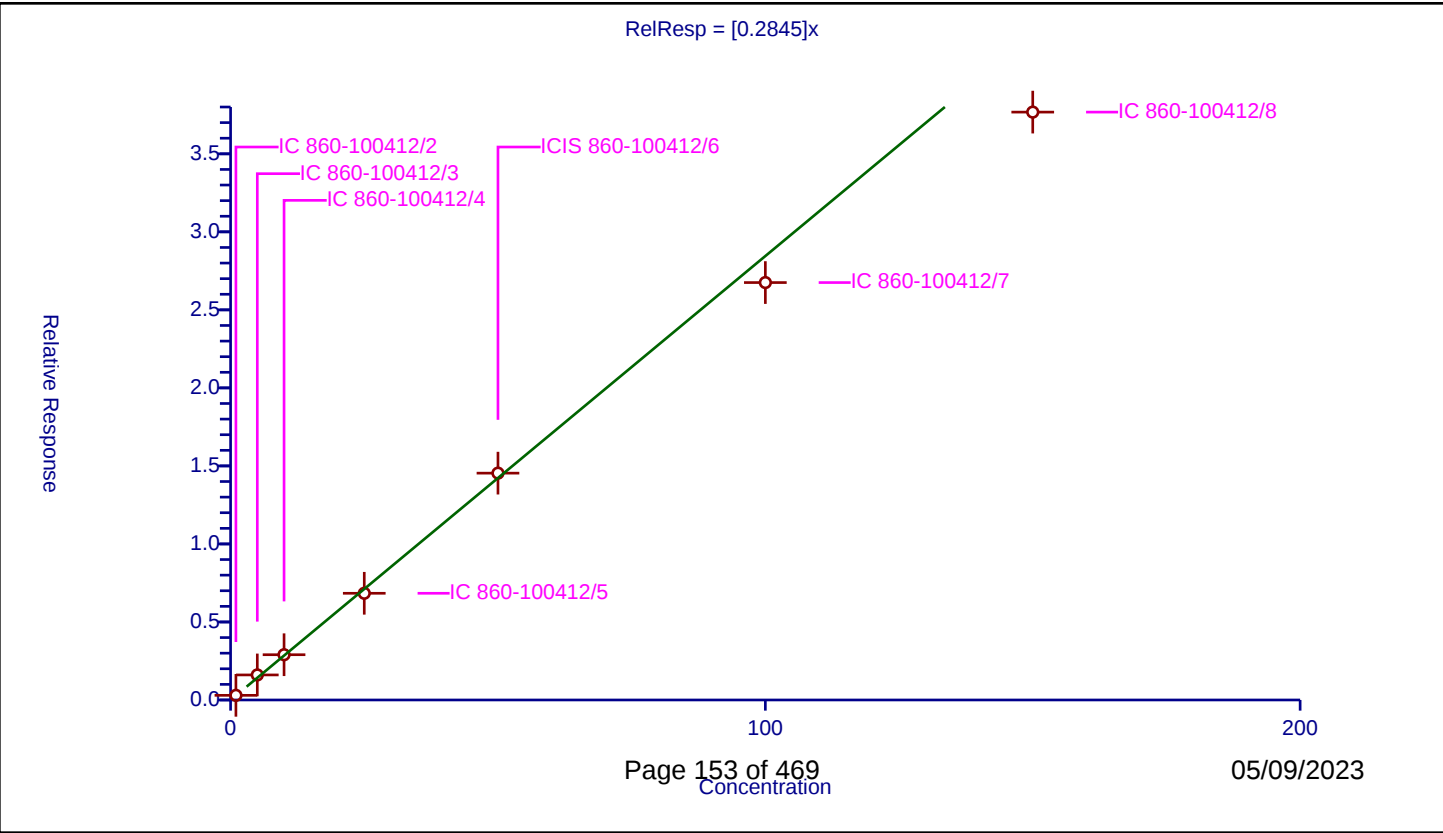
Calibration

/ 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:	0.2845
Error Coefficients	
Standard Error:	158000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.297435	50.0	399247.0	0.297435	Y
2	IC 860-100412/3	5.0	1.605298	50.0	377095.0	0.32106	Y
3	IC 860-100412/4	10.0	2.900118	50.0	405018.0	0.290012	Y
4	IC 860-100412/5	25.0	6.838706	50.0	393554.0	0.273548	Y
5	ICIS 860-100412/6	50.0	14.537376	50.0	378342.0	0.290748	Y
6	IC 860-100412/7	100.0	26.751033	50.0	381789.0	0.26751	Y
7	IC 860-100412/8	150.0	37.673291	50.0	404017.0	0.251155	Y



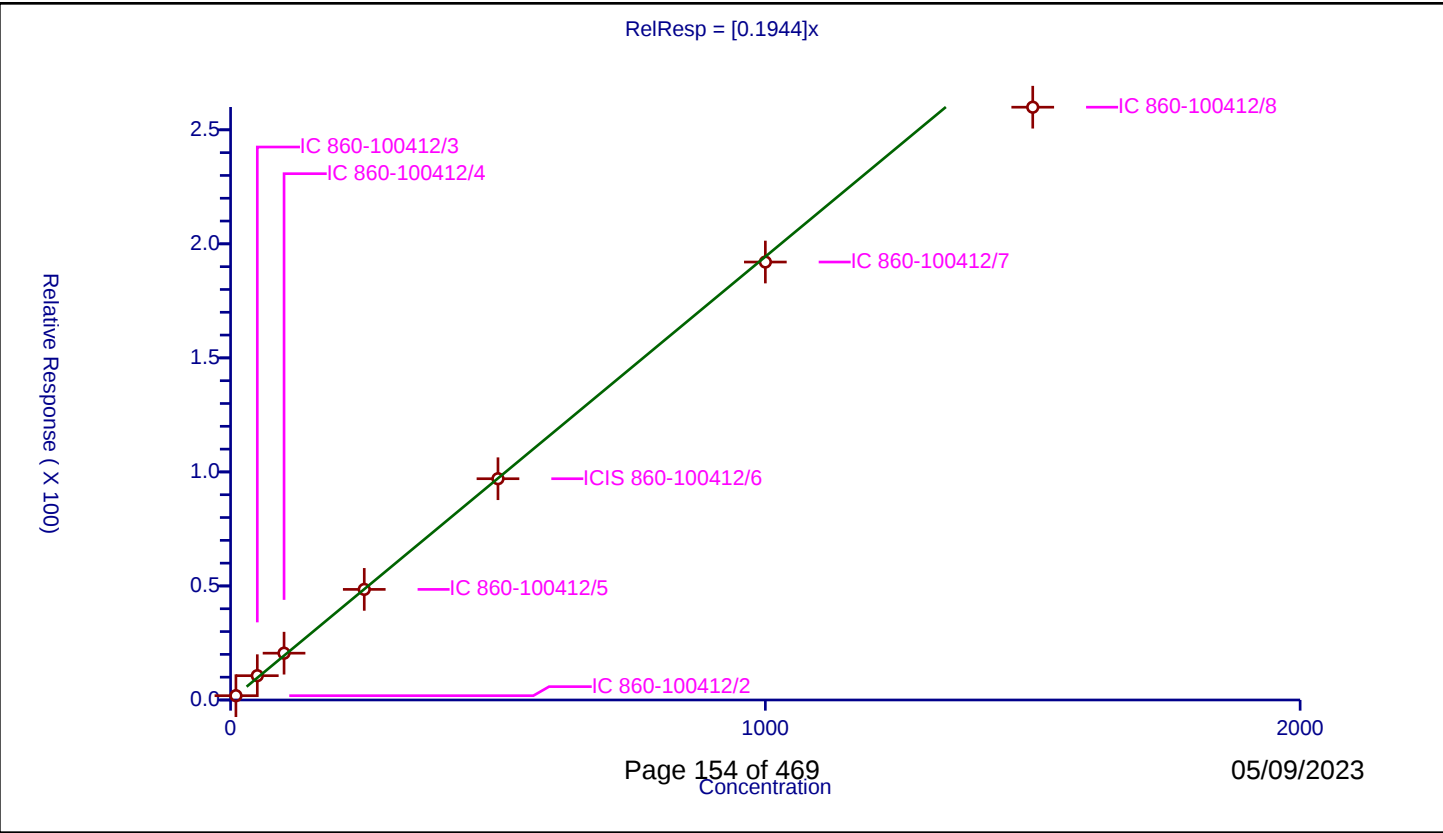
Calibration

/ 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:	0.1944
Error Coefficients	
Standard Error:	1100000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	10.0	1.890309	50.0	399247.0	0.189031	Y
2	IC 860-100412/3	50.0	10.653814	50.0	377095.0	0.213076	Y
3	IC 860-100412/4	100.0	20.527977	50.0	405018.0	0.20528	Y
4	IC 860-100412/5	250.0	48.490677	50.0	393554.0	0.193963	Y
5	ICIS 860-100412/6	500.0	97.015531	50.0	378342.0	0.194031	Y
6	IC 860-100412/7	1000.0	192.034998	50.0	381789.0	0.192035	Y
7	IC 860-100412/8	1500.0	259.922602	50.0	404017.0	0.173282	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

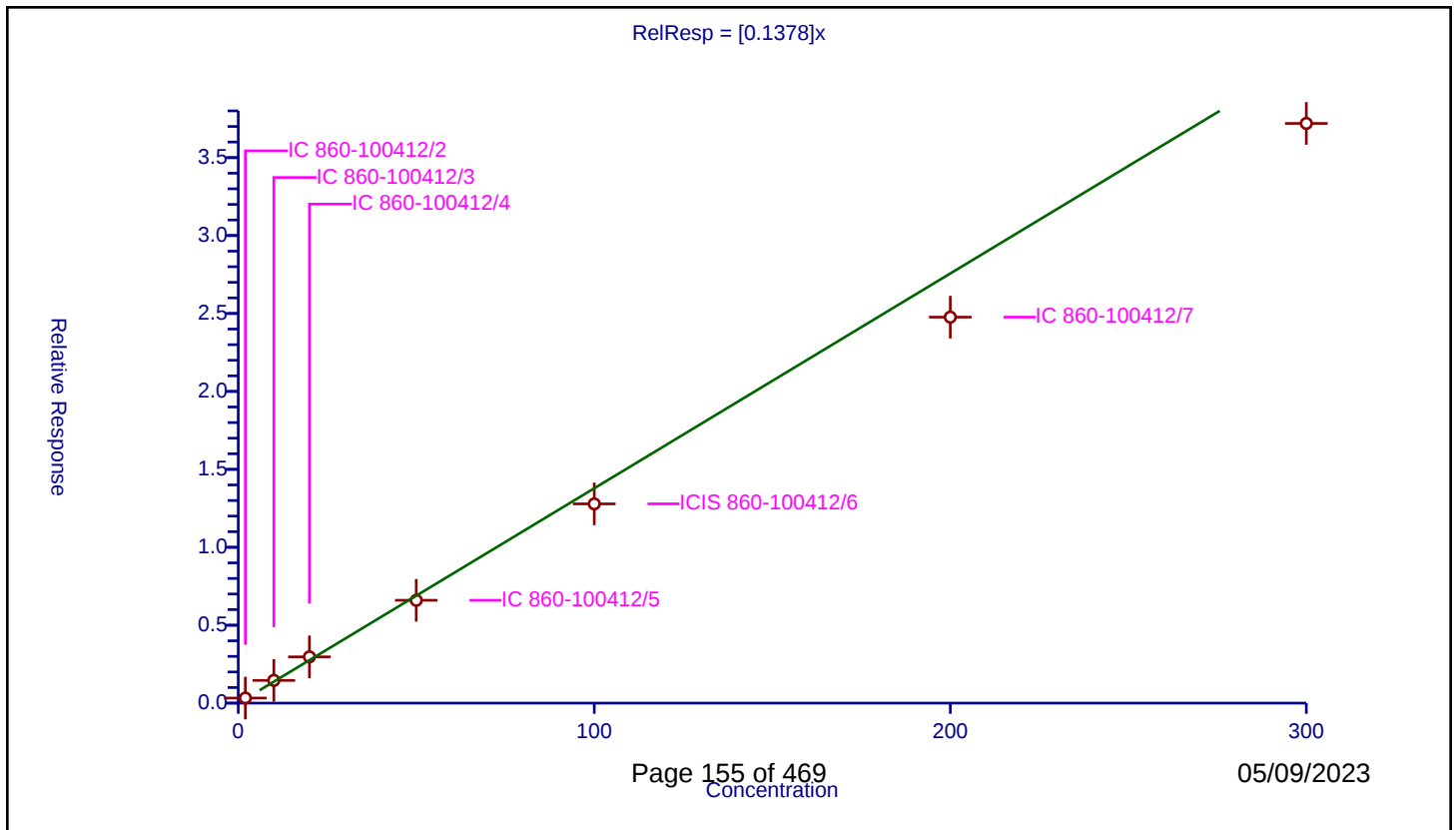
Curve Coefficients

Intercept: 0
Slope: 0.1378

Error Coefficients

Standard Error: 152000
Relative Standard Error: 10.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	2.0	0.325989	50.0	399247.0	0.162994	Y
2	IC 860-100412/3	10.0	1.457723	50.0	377095.0	0.145772	Y
3	IC 860-100412/4	20.0	2.969498	50.0	405018.0	0.148475	Y
4	IC 860-100412/5	50.0	6.598078	50.0	393554.0	0.131962	Y
5	ICIS 860-100412/6	100.0	12.784597	50.0	378342.0	0.127846	Y
6	IC 860-100412/7	200.0	24.766952	50.0	381789.0	0.123835	Y
7	IC 860-100412/8	300.0	37.195836	50.0	404017.0	0.123986	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

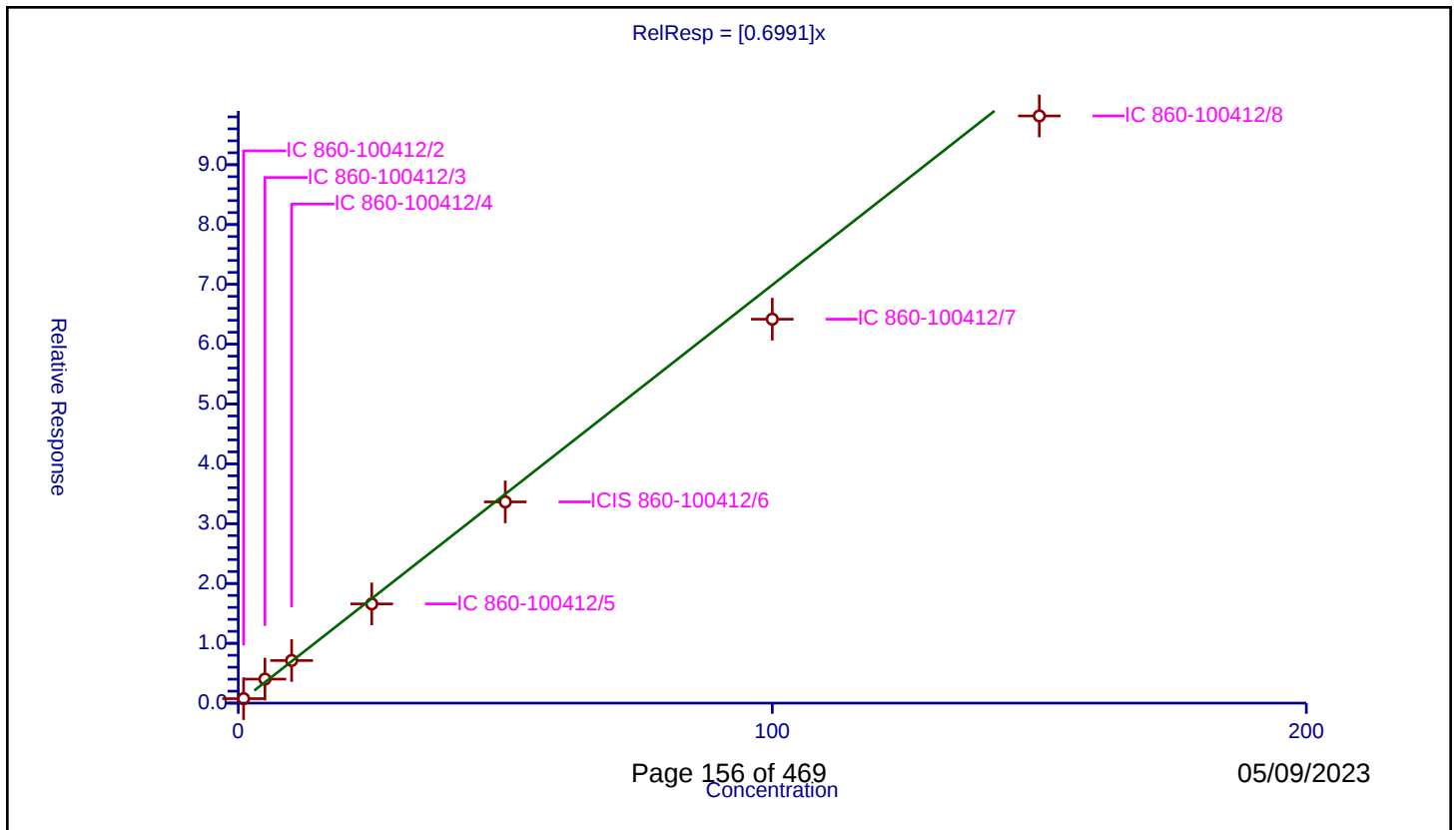
Curve Coefficients

Intercept: 0
Slope: 0.6991

Error Coefficients

Standard Error: 399000
Relative Standard Error: 8.3
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.745528	50.0	399247.0	0.745528	Y
2	IC 860-100412/3	5.0	4.014373	50.0	377095.0	0.802875	Y
3	IC 860-100412/4	10.0	7.125486	50.0	405018.0	0.712549	Y
4	IC 860-100412/5	25.0	16.586669	50.0	393554.0	0.663467	Y
5	ICIS 860-100412/6	50.0	33.639141	50.0	378342.0	0.672783	Y
6	IC 860-100412/7	100.0	64.179036	50.0	381789.0	0.64179	Y
7	IC 860-100412/8	150.0	98.156142	50.0	404017.0	0.654374	Y



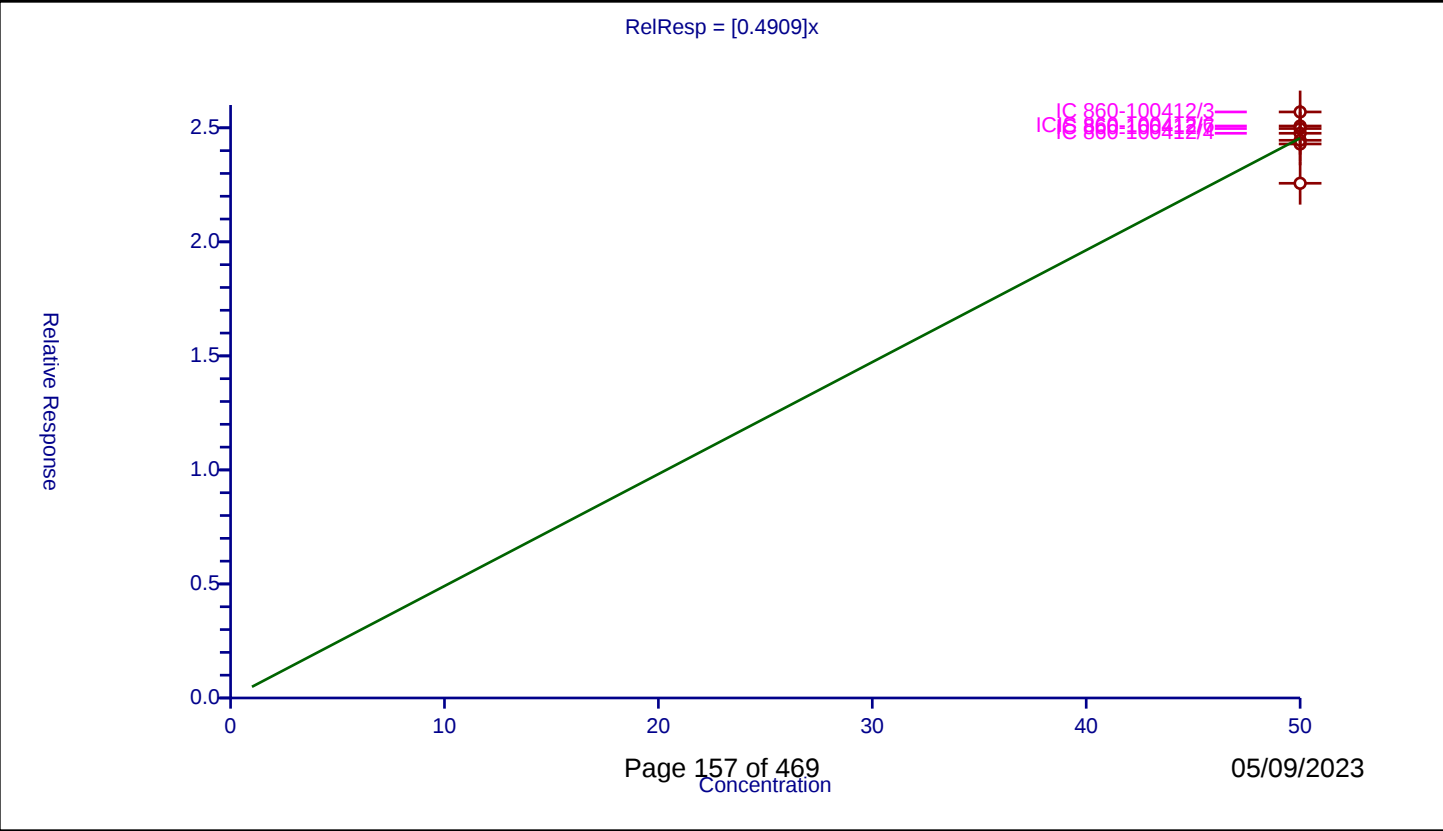
Calibration

/ 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:	0.4909
Error Coefficients	
Standard Error:	207000
Relative Standard Error:	4.0
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0.0000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	50.0	22.567984	50.0	399247.0	0.45136	Y
2	IC 860-100412/3	50.0	25.695912	50.0	377095.0	0.513918	Y
3	IC 860-100412/4	50.0	24.760875	50.0	405018.0	0.495217	Y
4	IC 860-100412/5	50.0	24.452934	50.0	393554.0	0.489059	Y
5	ICIS 860-100412/6	50.0	25.079558	50.0	378342.0	0.501591	Y
6	IC 860-100412/7	50.0	24.967456	50.0	381789.0	0.499349	Y
7	IC 860-100412/8	50.0	24.291181	50.0	404017.0	0.485824	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

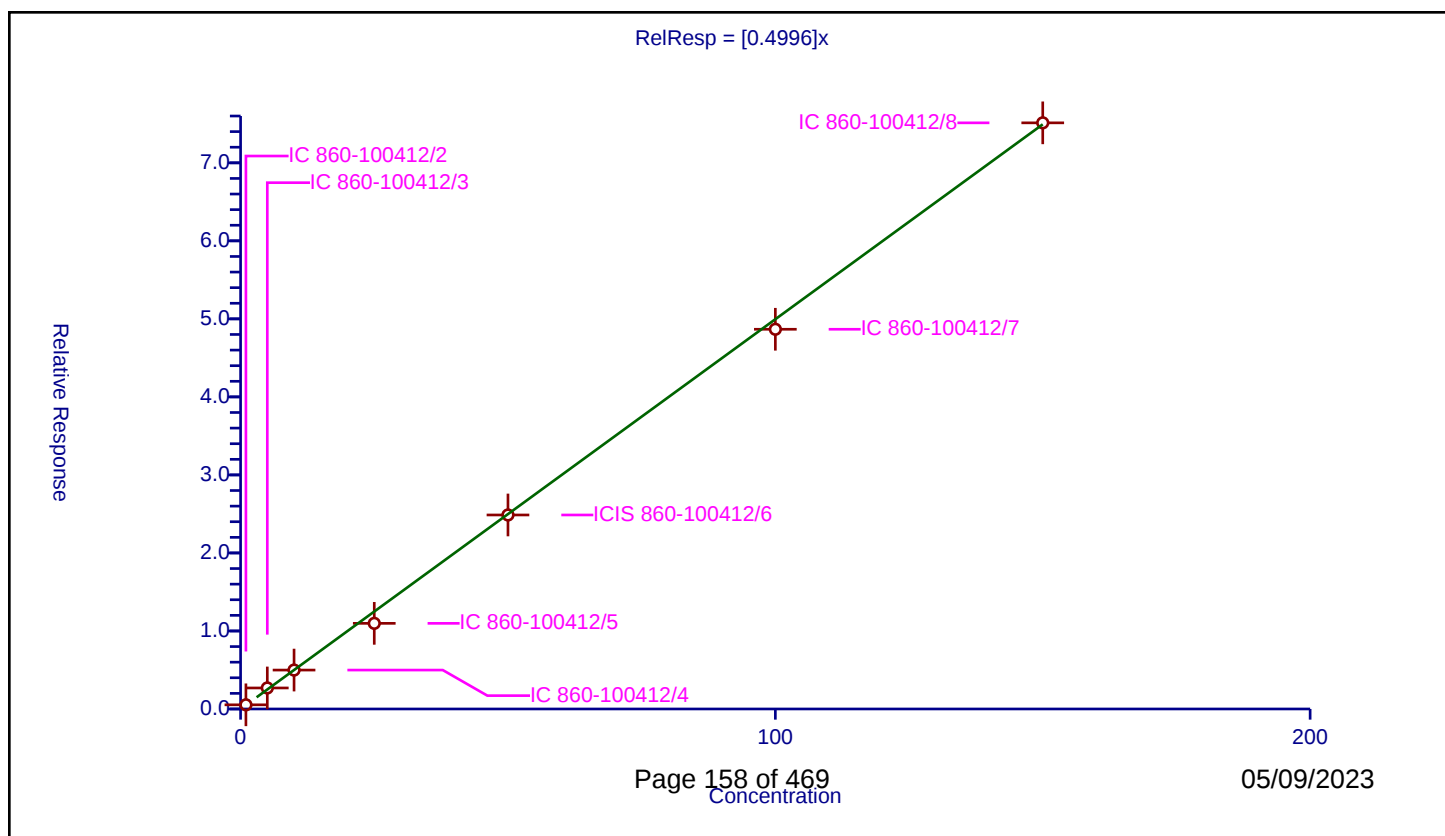
Curve Coefficients

Intercept: 0
Slope: 0.4996

Error Coefficients

Standard Error: 303000
Relative Standard Error: 6.7
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.535007	50.0	399247.0	0.535007	Y
2	IC 860-100412/3	5.0	2.696005	50.0	377095.0	0.539201	Y
3	IC 860-100412/4	10.0	4.98842	50.0	405018.0	0.498842	Y
4	IC 860-100412/5	25.0	10.976257	50.0	393554.0	0.43905	Y
5	ICIS 860-100412/6	50.0	24.866655	50.0	378342.0	0.497333	Y
6	IC 860-100412/7	100.0	48.668767	50.0	381789.0	0.486688	Y
7	IC 860-100412/8	150.0	75.126294	50.0	404017.0	0.500842	Y



Calibration

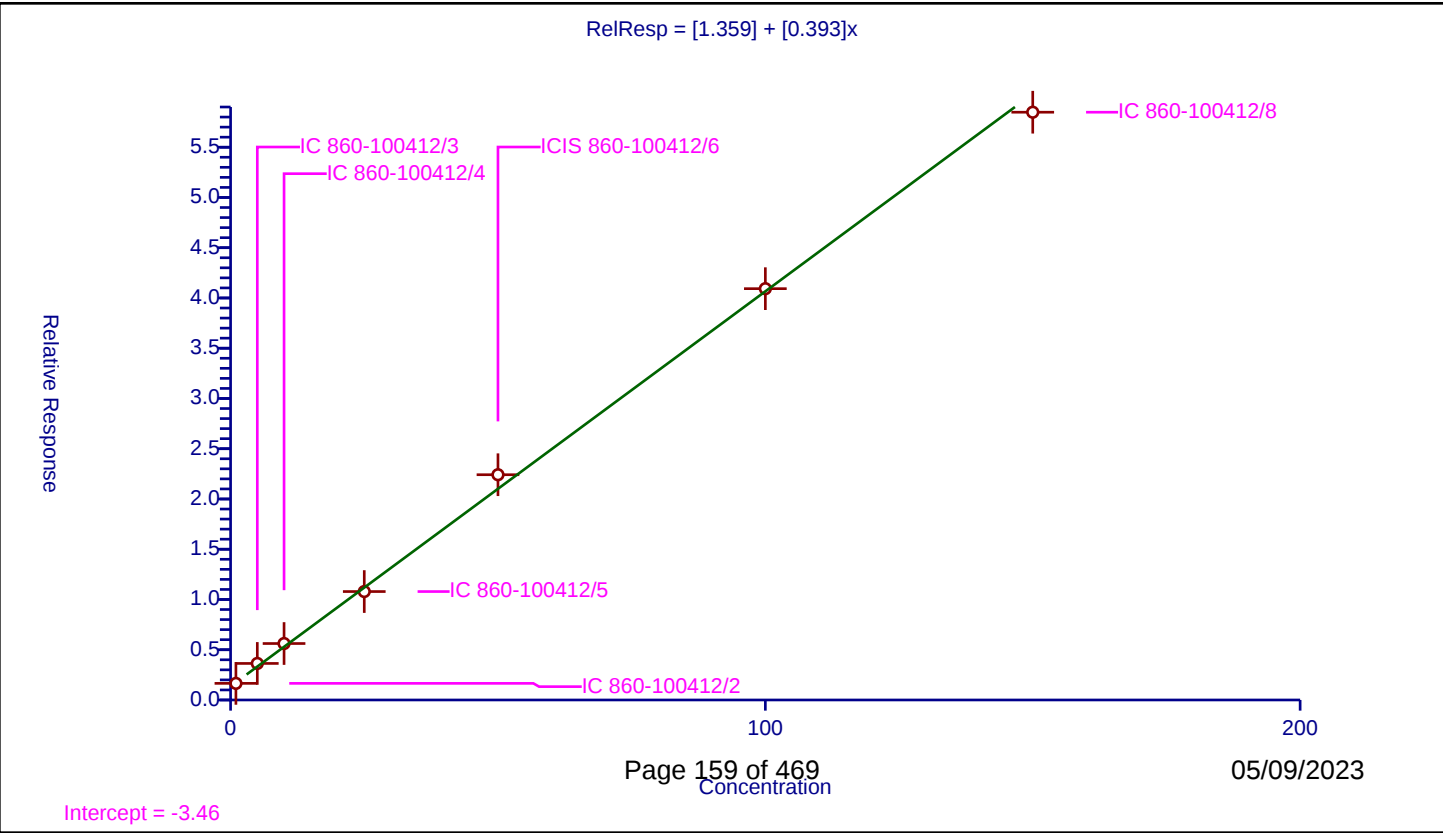
/ Cyclohexane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	1.359
Slope:	0.393

Error Coefficients	
Standard Error:	268000
Relative Standard Error:	14.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.652987	50.0	399247.0	1.652987	Y
2	IC 860-100412/3	5.0	3.637412	50.0	377095.0	0.727482	Y
3	IC 860-100412/4	10.0	5.618886	50.0	405018.0	0.561889	Y
4	IC 860-100412/5	25.0	10.789752	50.0	393554.0	0.43159	Y
5	ICIS 860-100412/6	50.0	22.413716	50.0	378342.0	0.448274	Y
6	IC 860-100412/7	100.0	40.926664	50.0	381789.0	0.409267	Y
7	IC 860-100412/8	150.0	58.482935	50.0	404017.0	0.389886	Y



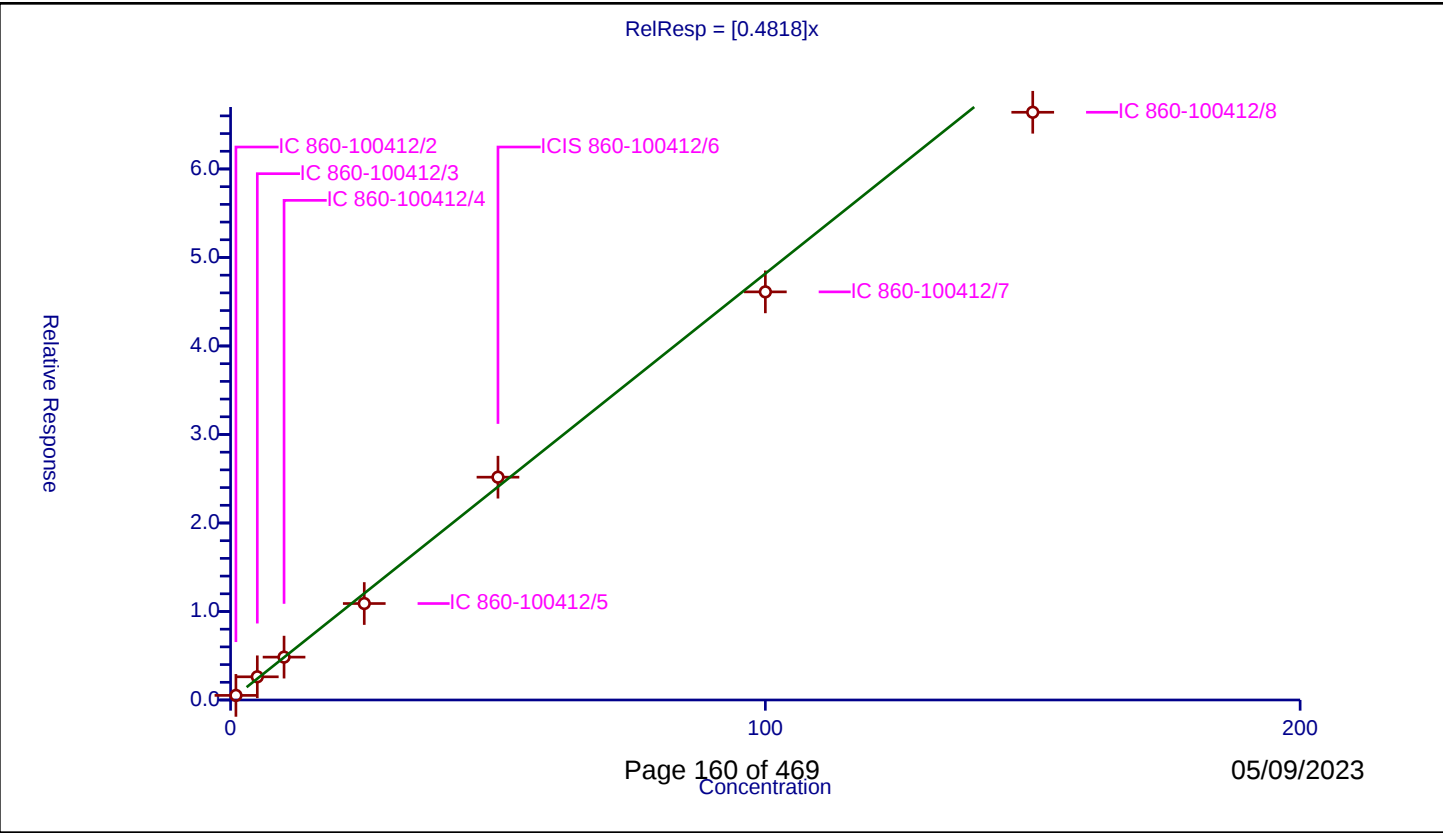
Calibration

/ 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:	0.4818
Error Coefficients	
Standard Error:	276000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.52073	50.0	399247.0	0.52073	Y
2	IC 860-100412/3	5.0	2.620427	50.0	377095.0	0.524085	Y
3	IC 860-100412/4	10.0	4.843859	50.0	405018.0	0.484386	Y
4	IC 860-100412/5	25.0	10.900283	50.0	393554.0	0.436011	Y
5	ICIS 860-100412/6	50.0	25.176824	50.0	378342.0	0.503536	Y
6	IC 860-100412/7	100.0	46.112381	50.0	381789.0	0.461124	Y
7	IC 860-100412/8	150.0	66.407354	50.0	404017.0	0.442716	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

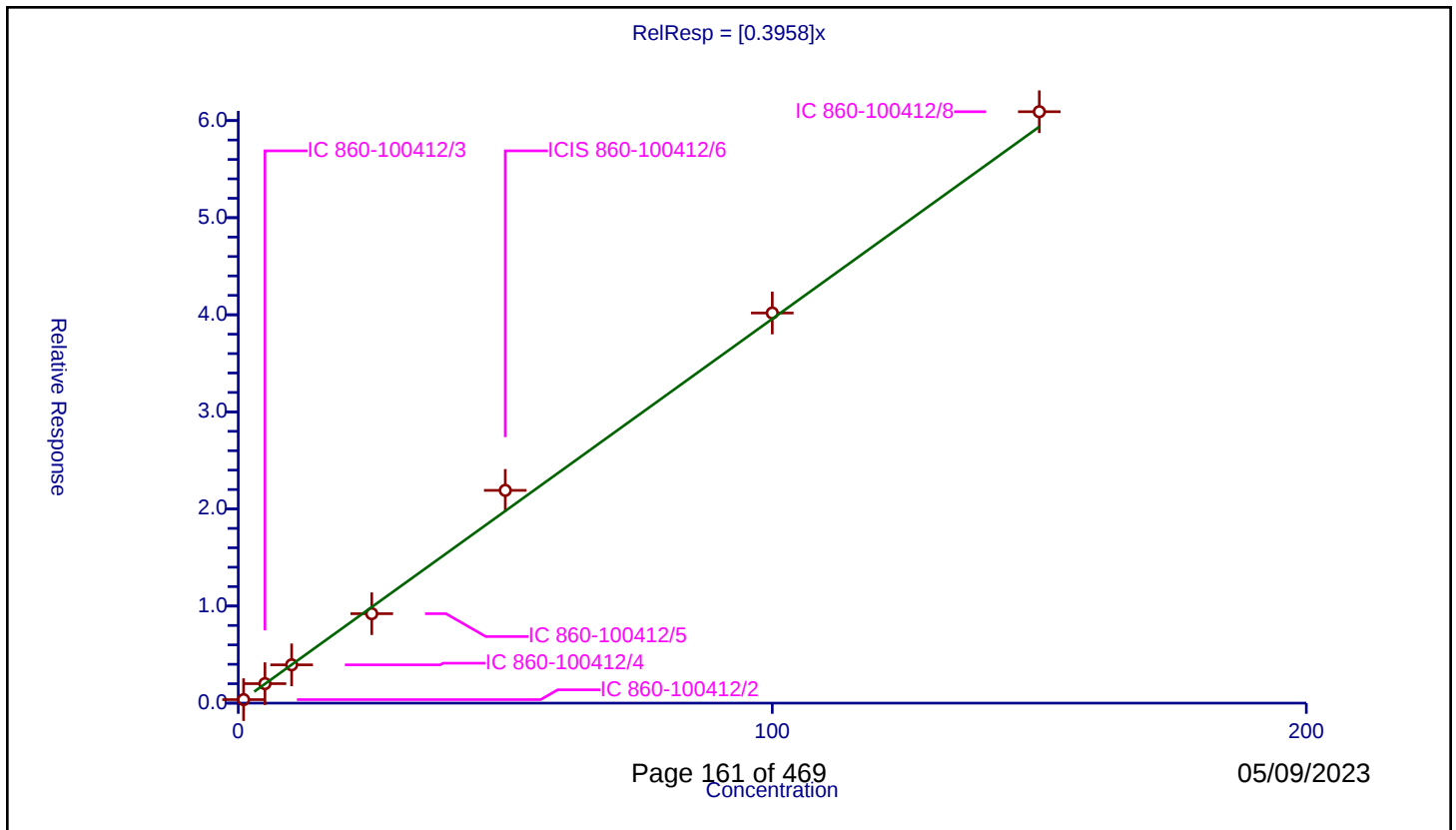
Curve Coefficients

Intercept: 0
Slope: 0.3958

Error Coefficients

Standard Error: 248000
Relative Standard Error: 6.5
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.359802	50.0	399247.0	0.359802	Y
2	IC 860-100412/3	5.0	2.007054	50.0	377095.0	0.401411	Y
3	IC 860-100412/4	10.0	3.943775	50.0	405018.0	0.394378	Y
4	IC 860-100412/5	25.0	9.212713	50.0	393554.0	0.368509	Y
5	ICIS 860-100412/6	50.0	21.914828	50.0	378342.0	0.438297	Y
6	IC 860-100412/7	100.0	40.182797	50.0	381789.0	0.401828	Y
7	IC 860-100412/8	150.0	60.915011	50.0	404017.0	0.4061	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

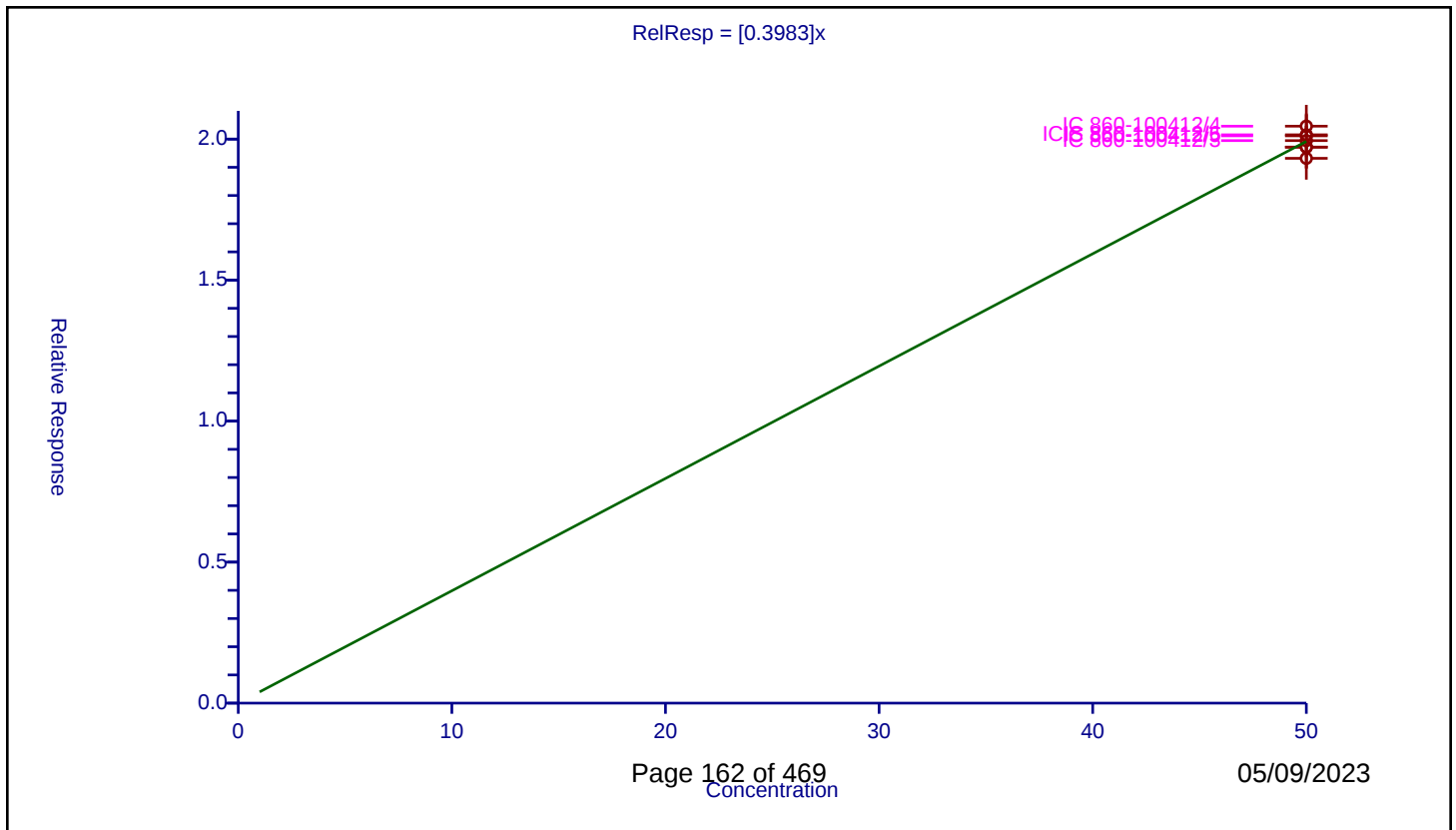
Curve Coefficients

Intercept: 0
Slope: 0.3983

Error Coefficients

Standard Error: 261000
Relative Standard Error: 1.9
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	50.0	19.7178	50.0	617612.0	0.394356	Y
2	IC 860-100412/3	50.0	19.945756	50.0	612421.0	0.398915	Y
3	IC 860-100412/4	50.0	20.457528	50.0	611176.0	0.409151	Y
4	IC 860-100412/5	50.0	20.115295	50.0	614597.0	0.402306	Y
5	ICIS 860-100412/6	50.0	20.151658	50.0	608868.0	0.403033	Y
6	IC 860-100412/7	50.0	19.713347	50.0	589773.0	0.394267	Y
7	IC 860-100412/8	50.0	19.318385	50.0	592666.0	0.386368	Y



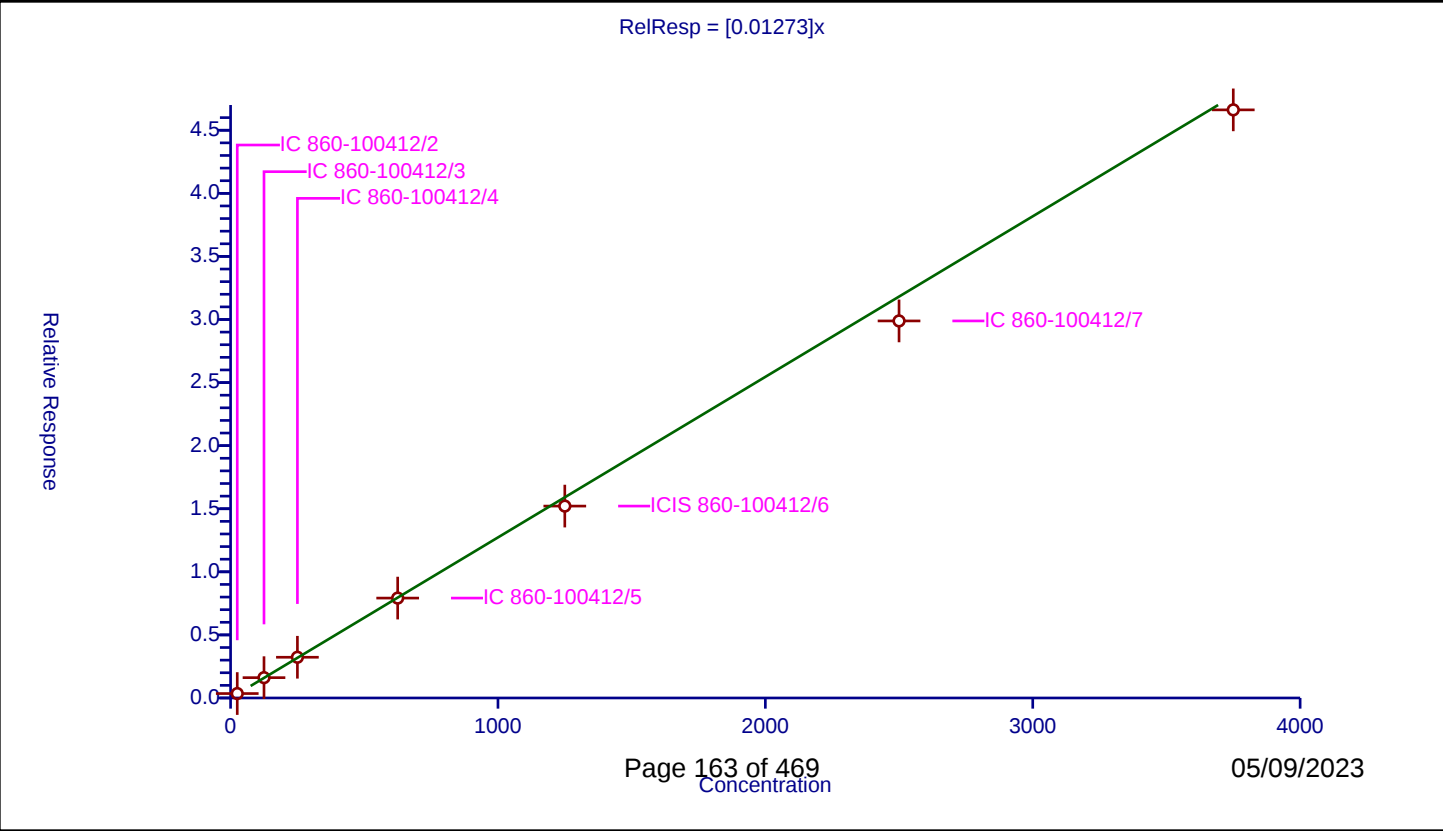
Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01273
Error Coefficients	
Standard Error:	281000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	25.0	0.351191	50.0	617612.0	0.014048	Y
2	IC 860-100412/3	125.0	1.611718	50.0	612421.0	0.012894	Y
3	IC 860-100412/4	250.0	3.228366	50.0	611176.0	0.012913	Y
4	IC 860-100412/5	625.0	7.919498	50.0	614597.0	0.012671	Y
5	ICIS 860-100412/6	1250.0	15.211097	50.0	608868.0	0.012169	Y
6	IC 860-100412/7	2500.0	29.885736	50.0	589773.0	0.011954	Y
7	IC 860-100412/8	3750.0	46.615632	50.0	592666.0	0.012431	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

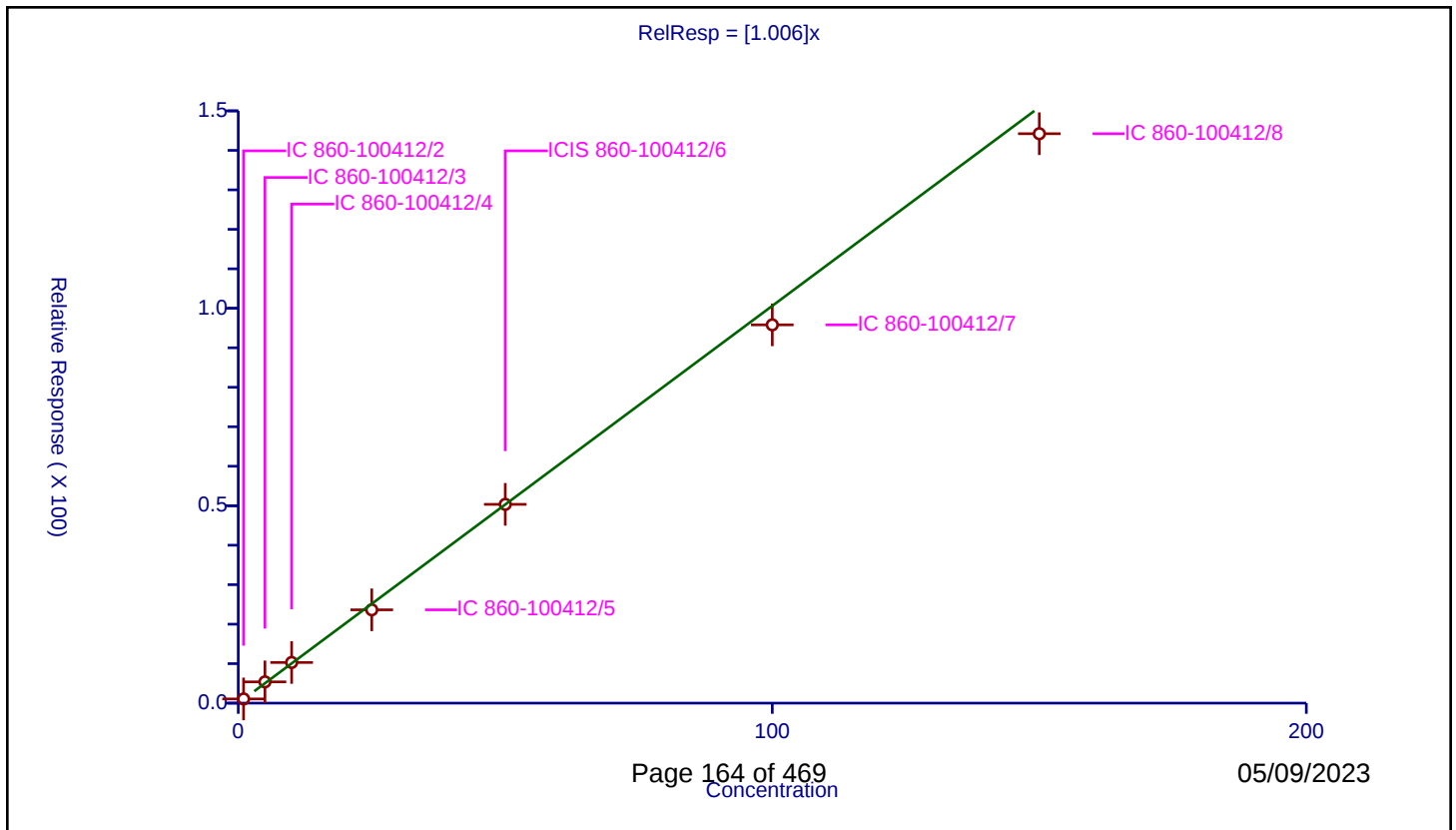
Curve Coefficients

Intercept: 0
Slope: 1.006

Error Coefficients

Standard Error: 883000
Relative Standard Error: 5.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.064584	50.0	617612.0	1.064584	Y
2	IC 860-100412/3	5.0	5.385838	50.0	612421.0	1.077168	Y
3	IC 860-100412/4	10.0	10.29597	50.0	611176.0	1.029597	Y
4	IC 860-100412/5	25.0	23.635732	50.0	614597.0	0.945429	Y
5	ICIS 860-100412/6	50.0	50.343671	50.0	608868.0	1.006873	Y
6	IC 860-100412/7	100.0	95.808811	50.0	589773.0	0.958088	Y
7	IC 860-100412/8	150.0	144.2201	50.0	592666.0	0.961467	Y



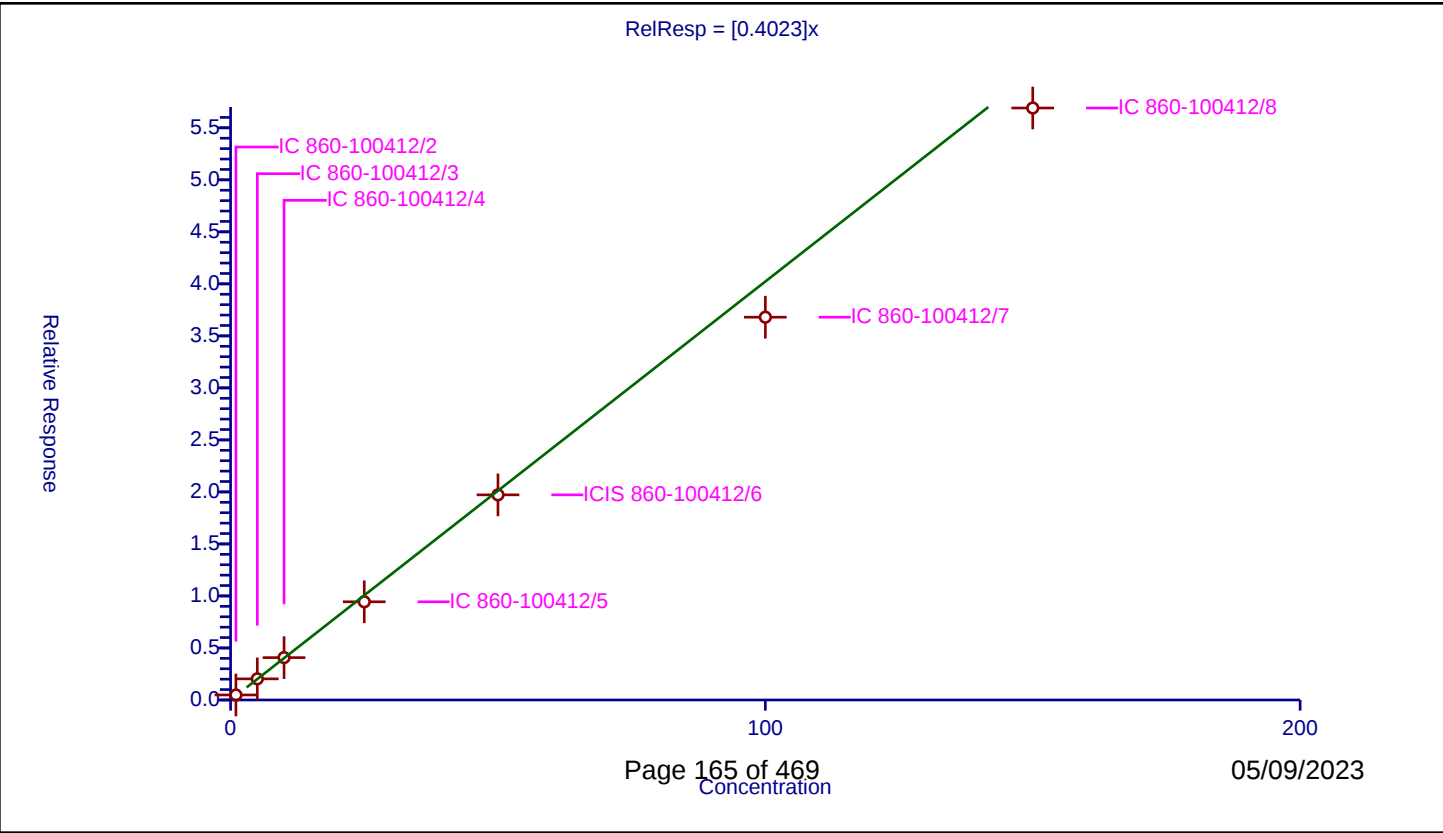
Calibration

/ 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:	0.4023
Error Coefficients	
Standard Error:	346000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.482746	50.0	617612.0	0.482746	Y
2	IC 860-100412/3	5.0	2.03267	50.0	612421.0	0.406534	Y
3	IC 860-100412/4	10.0	4.072968	50.0	611176.0	0.407297	Y
4	IC 860-100412/5	25.0	9.439031	50.0	614597.0	0.377561	Y
5	ICIS 860-100412/6	50.0	19.718067	50.0	608868.0	0.394361	Y
6	IC 860-100412/7	100.0	36.795937	50.0	589773.0	0.367959	Y
7	IC 860-100412/8	150.0	56.904648	50.0	592666.0	0.379364	Y



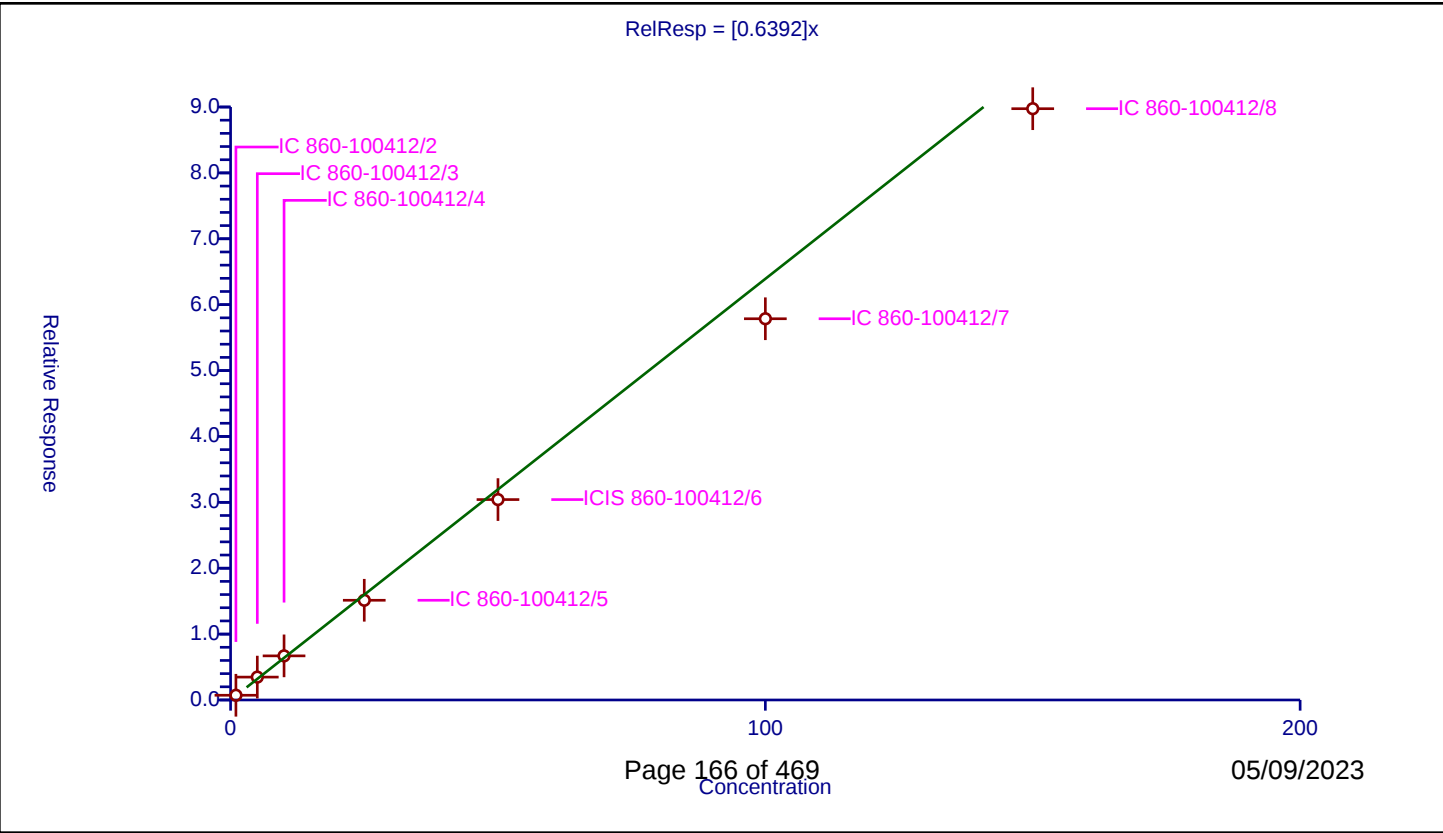
Calibration

/ 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:	0.6392
Error Coefficients	
Standard Error:	544000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.71906	50.0	617612.0	0.71906	Y
2	IC 860-100412/3	5.0	3.474326	50.0	612421.0	0.694865	Y
3	IC 860-100412/4	10.0	6.695453	50.0	611176.0	0.669545	Y
4	IC 860-100412/5	25.0	15.136992	50.0	614597.0	0.60548	Y
5	ICIS 860-100412/6	50.0	30.419812	50.0	608868.0	0.608396	Y
6	IC 860-100412/7	100.0	57.861838	50.0	589773.0	0.578618	Y
7	IC 860-100412/8	150.0	89.743296	50.0	592666.0	0.598289	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

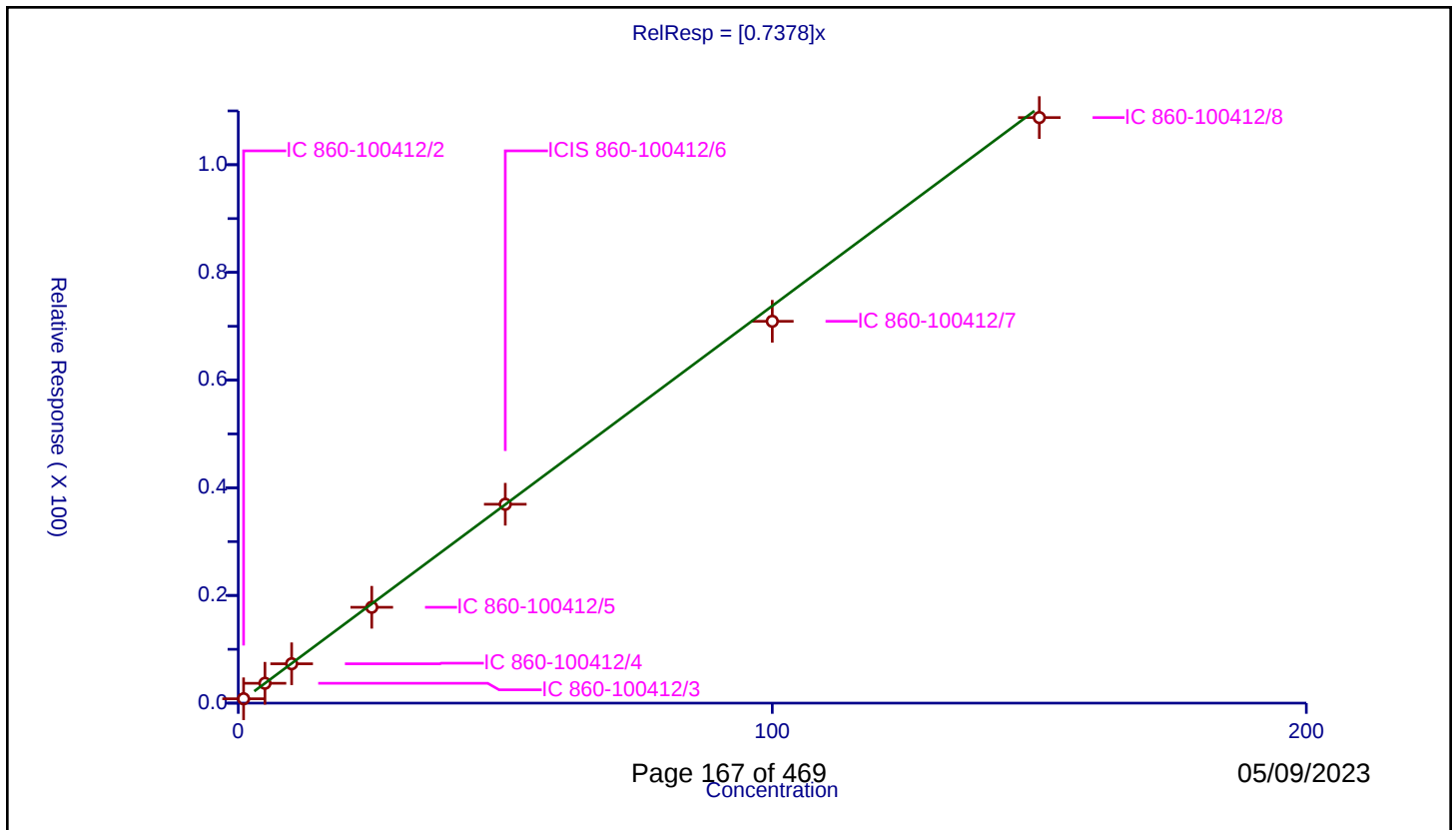
Curve Coefficients

Intercept: 0
Slope: 0.7378

Error Coefficients

Standard Error: 661000
Relative Standard Error: 4.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.810946	50.0	617612.0	0.810946	Y
2	IC 860-100412/3	5.0	3.687006	50.0	612421.0	0.737401	Y
3	IC 860-100412/4	10.0	7.310169	50.0	611176.0	0.731017	Y
4	IC 860-100412/5	25.0	17.80134	50.0	614597.0	0.712054	Y
5	ICIS 860-100412/6	50.0	36.939944	50.0	608868.0	0.738799	Y
6	IC 860-100412/7	100.0	70.921354	50.0	589773.0	0.709214	Y
7	IC 860-100412/8	150.0	108.757884	50.0	592666.0	0.725053	Y



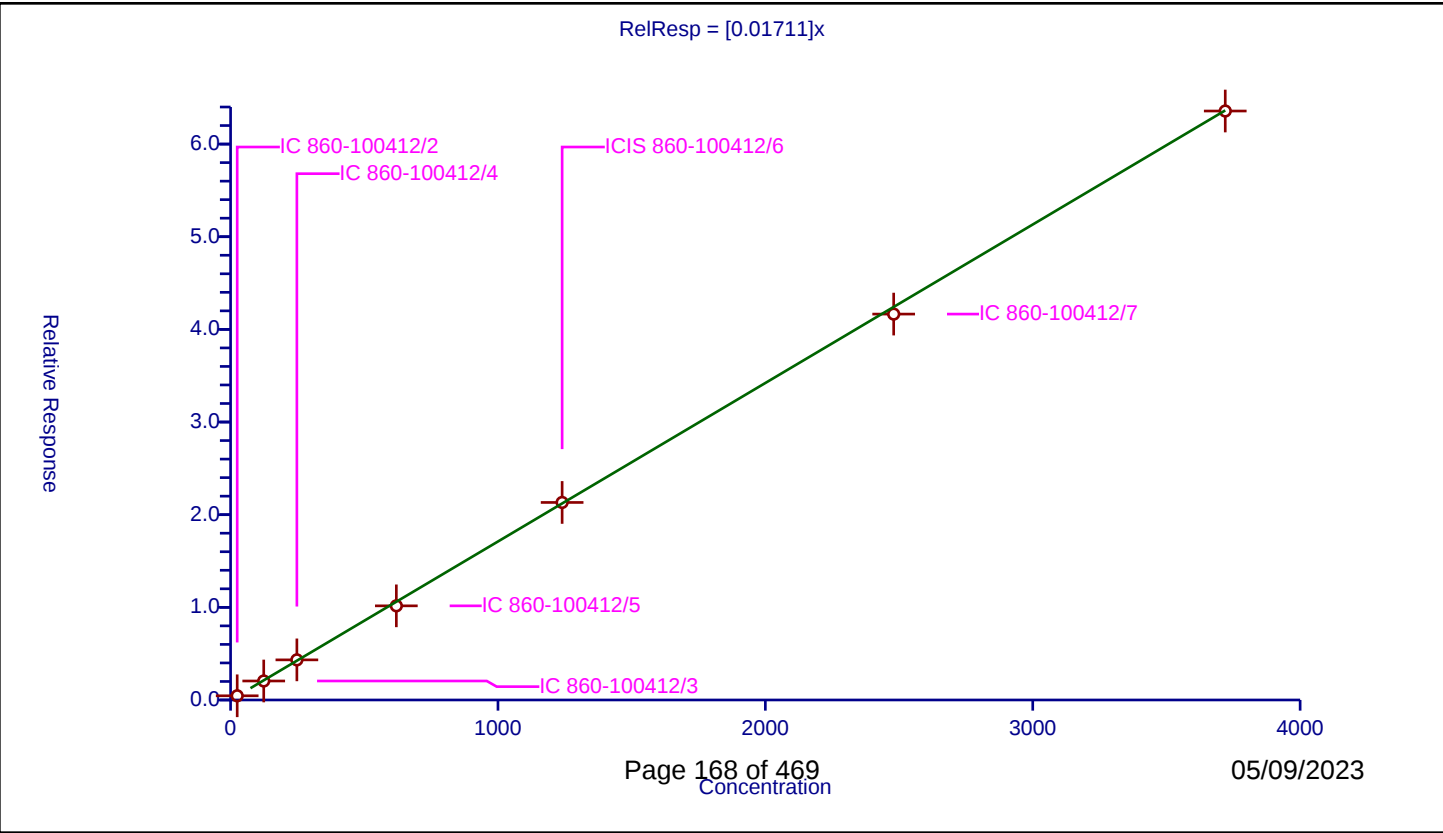
Calibration

/ 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:	0.01711
Error Coefficients	
Standard Error:	172000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	24.8	0.453398	50.0	240848.0	0.018282	Y
2	IC 860-100412/3	124.0	2.050223	50.0	245583.0	0.016534	Y
3	IC 860-100412/4	248.0	4.329754	50.0	243224.0	0.017459	Y
4	IC 860-100412/5	620.0	10.162677	50.0	259656.0	0.016391	Y
5	ICIS 860-100412/6	1240.0	21.320431	50.0	263217.0	0.017194	Y
6	IC 860-100412/7	2480.0	41.650534	50.0	259316.0	0.016795	Y
7	IC 860-100412/8	3720.0	63.567701	50.0	267315.0	0.017088	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

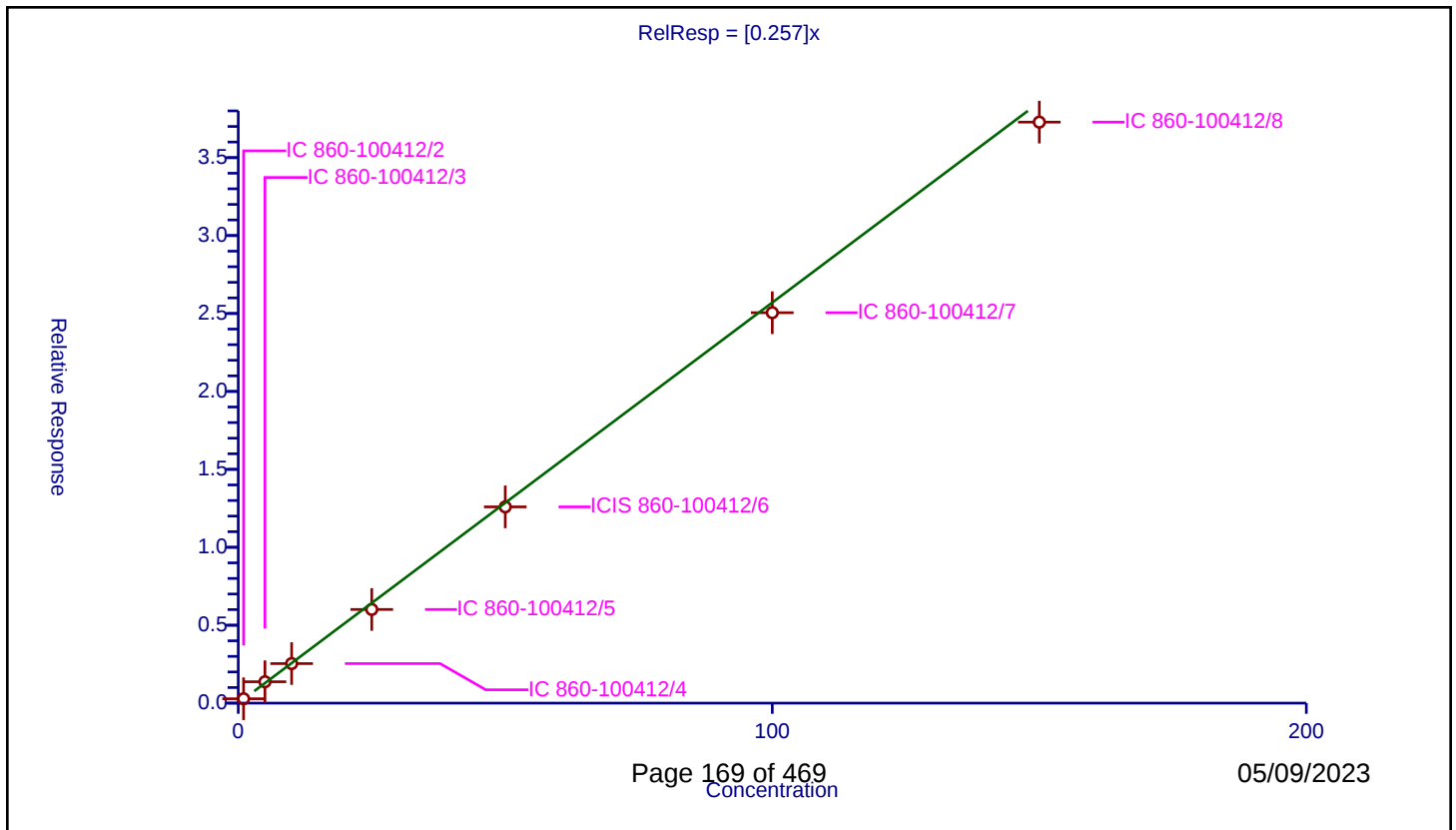
Curve Coefficients

Intercept: 0
Slope: 0.257

Error Coefficients

Standard Error: 228000
Relative Standard Error: 5.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.279949	50.0	617612.0	0.279949	Y
2	IC 860-100412/3	5.0	1.371197	50.0	612421.0	0.274239	Y
3	IC 860-100412/4	10.0	2.53634	50.0	611176.0	0.253634	Y
4	IC 860-100412/5	25.0	6.009466	50.0	614597.0	0.240379	Y
5	ICIS 860-100412/6	50.0	12.591974	50.0	608868.0	0.251839	Y
6	IC 860-100412/7	100.0	25.051842	50.0	589773.0	0.250518	Y
7	IC 860-100412/8	150.0	37.279598	50.0	592666.0	0.248531	Y



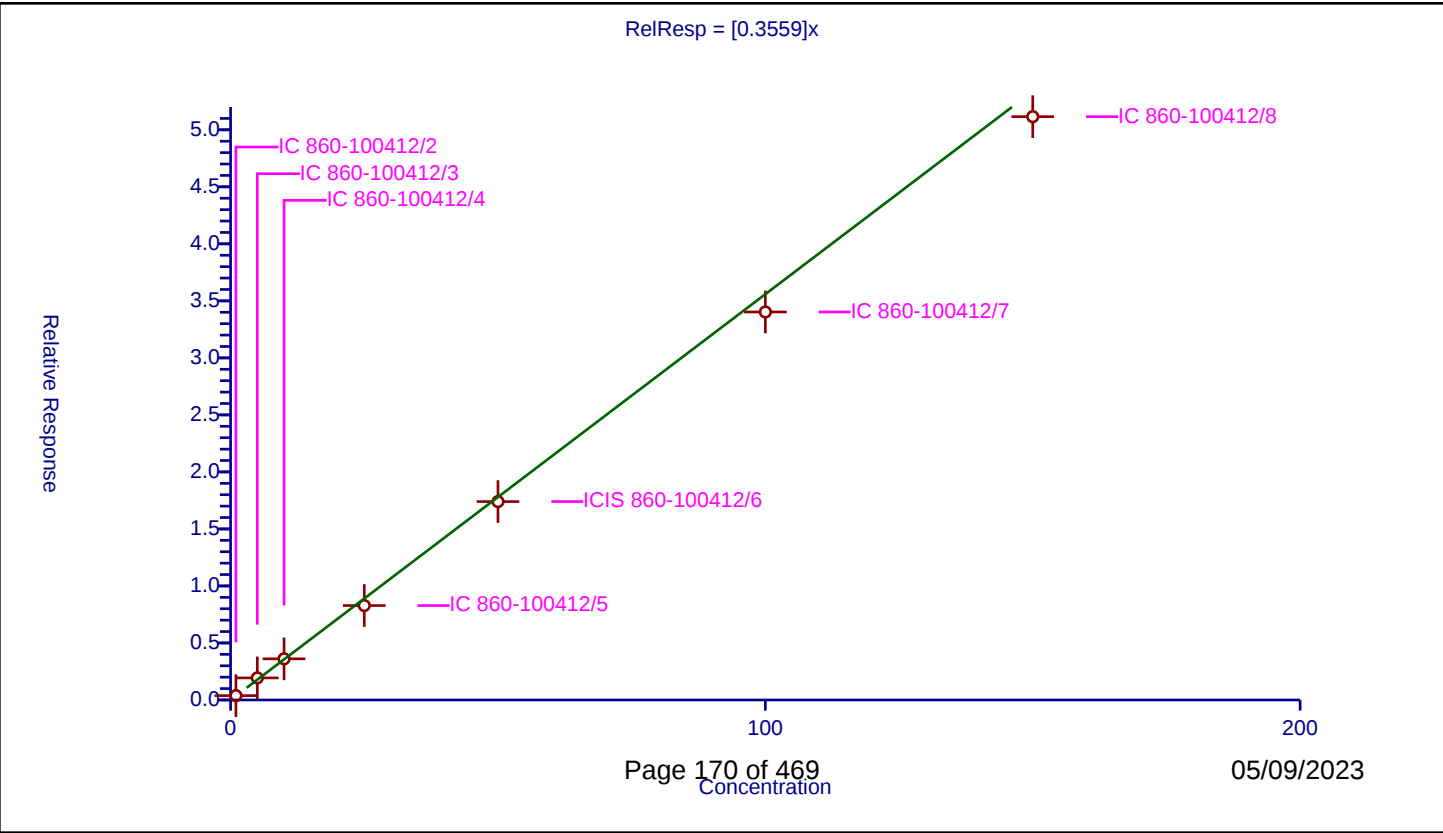
Calibration

/ 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:	0.3559
Error Coefficients	
Standard Error:	313000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.382279	50.0	617612.0	0.382279	Y
2	IC 860-100412/3	5.0	1.936331	50.0	612421.0	0.387266	Y
3	IC 860-100412/4	10.0	3.60968	50.0	611176.0	0.360968	Y
4	IC 860-100412/5	25.0	8.282012	50.0	614597.0	0.33128	Y
5	ICIS 860-100412/6	50.0	17.399256	50.0	608868.0	0.347985	Y
6	IC 860-100412/7	100.0	34.025294	50.0	589773.0	0.340253	Y
7	IC 860-100412/8	150.0	51.153938	50.0	592666.0	0.341026	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

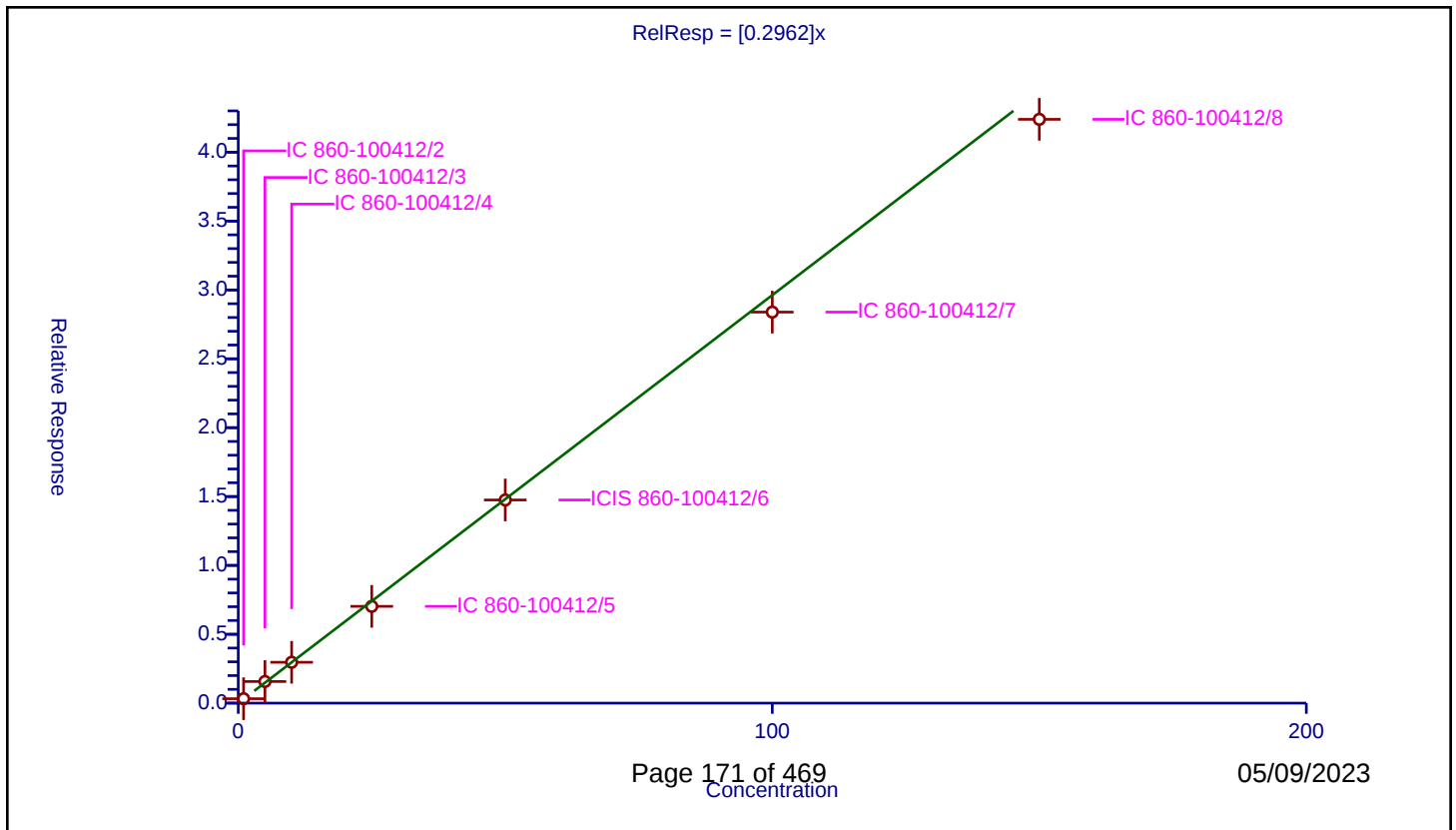
Curve Coefficients

Intercept: 0
Slope: 0.2962

Error Coefficients

Standard Error: 260000
Relative Standard Error: 5.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.320509	50.0	617612.0	0.320509	Y
2	IC 860-100412/3	5.0	1.569345	50.0	612421.0	0.313869	Y
3	IC 860-100412/4	10.0	2.966249	50.0	611176.0	0.296625	Y
4	IC 860-100412/5	25.0	7.026393	50.0	614597.0	0.281056	Y
5	ICIS 860-100412/6	50.0	14.749584	50.0	608868.0	0.294992	Y
6	IC 860-100412/7	100.0	28.390839	50.0	589773.0	0.283908	Y
7	IC 860-100412/8	150.0	42.386353	50.0	592666.0	0.282576	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

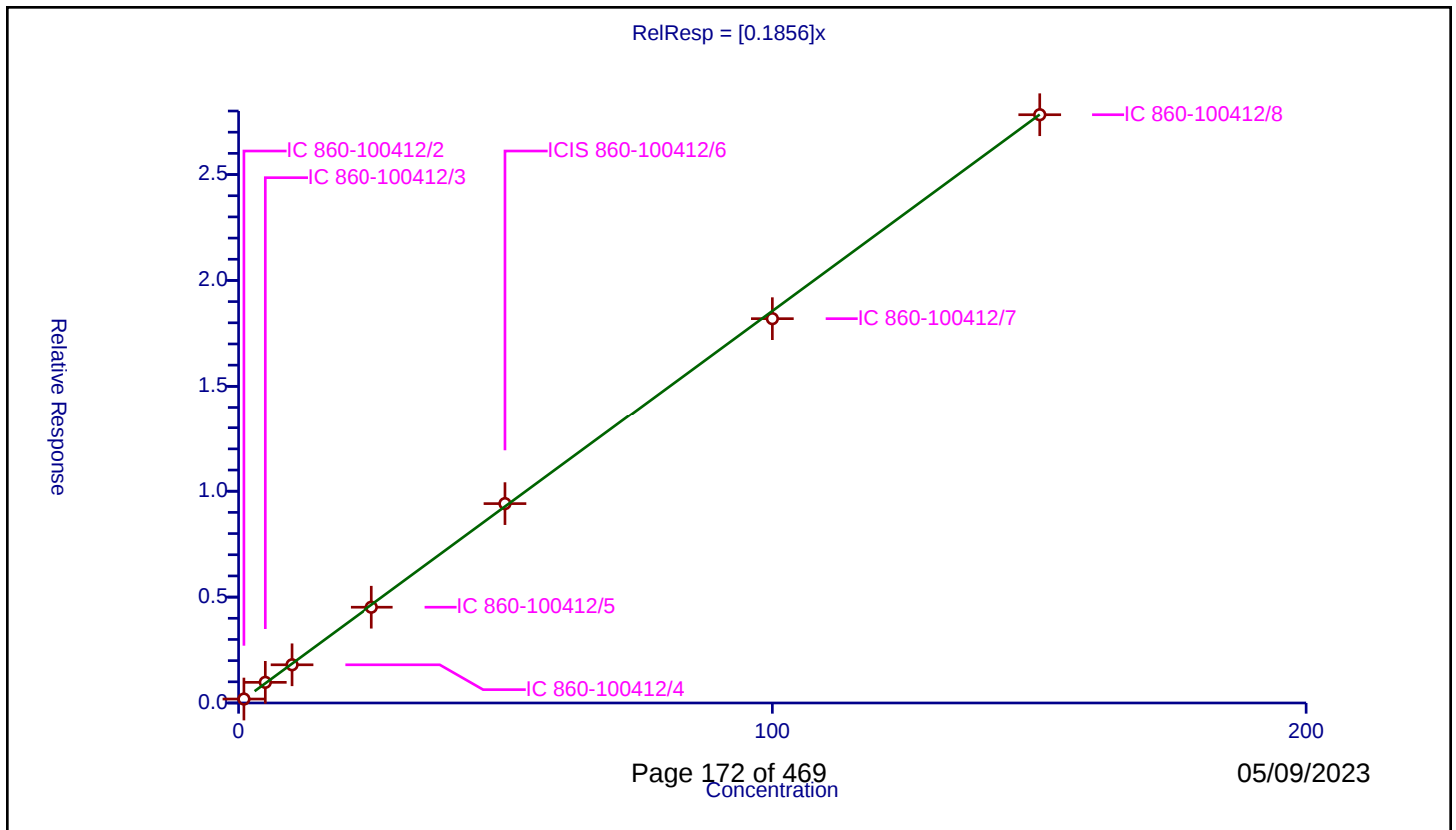
Curve Coefficients

Intercept: 0
Slope: 0.1856

Error Coefficients

Standard Error: 169000
Relative Standard Error: 2.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.186849	50.0	617612.0	0.186849	Y
2	IC 860-100412/3	5.0	0.975554	50.0	612421.0	0.195111	Y
3	IC 860-100412/4	10.0	1.803654	50.0	611176.0	0.180365	Y
4	IC 860-100412/5	25.0	4.522232	50.0	614597.0	0.180889	Y
5	ICIS 860-100412/6	50.0	9.414602	50.0	608868.0	0.188292	Y
6	IC 860-100412/7	100.0	18.194204	50.0	589773.0	0.181942	Y
7	IC 860-100412/8	150.0	27.824778	50.0	592666.0	0.185499	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

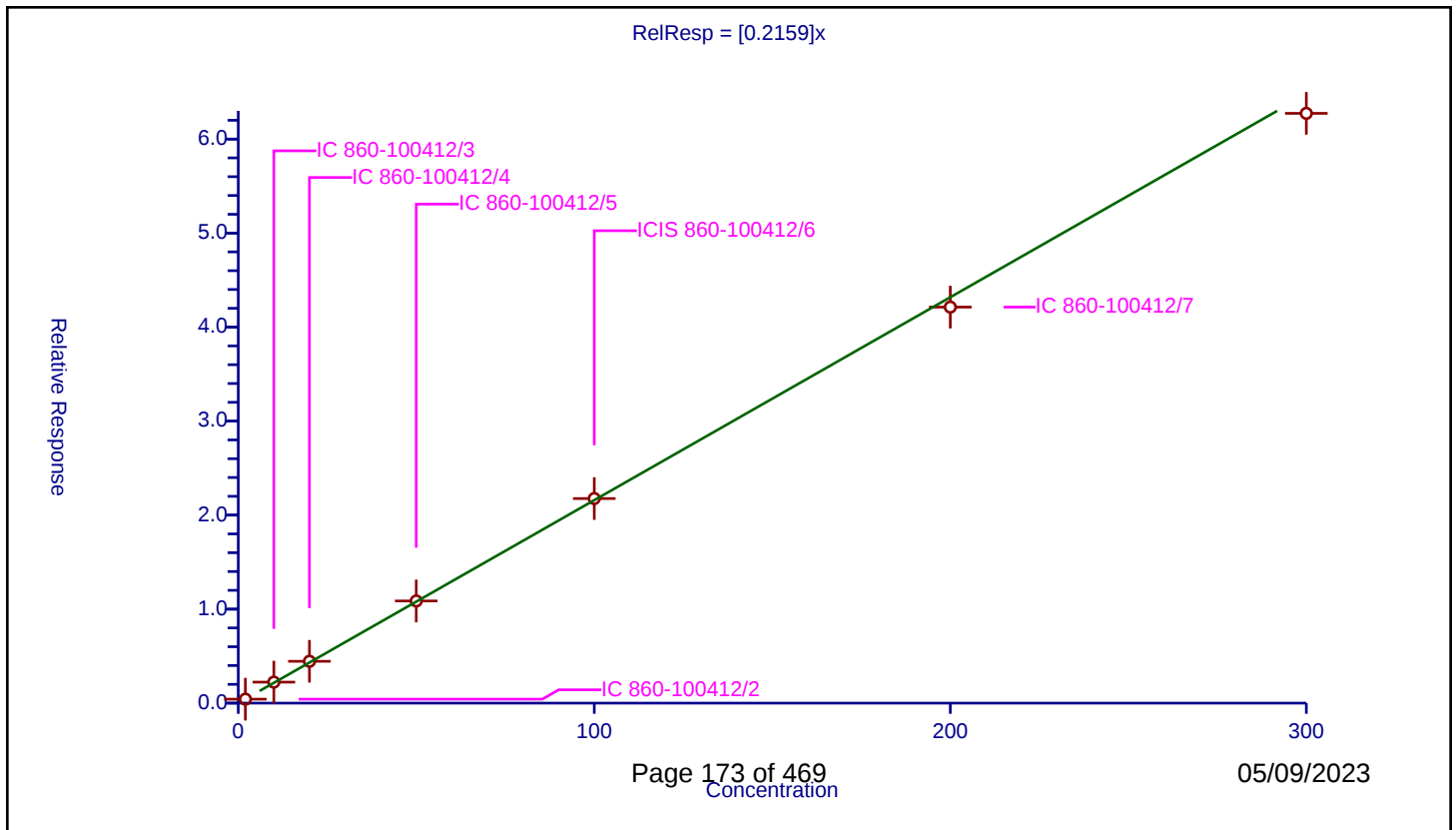
Curve Coefficients

Intercept: 0
Slope: 0.2159

Error Coefficients

Standard Error: 385000
Relative Standard Error: 2.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	2.0	0.421381	50.0	617612.0	0.210691	Y
2	IC 860-100412/3	10.0	2.234084	50.0	612421.0	0.223408	Y
3	IC 860-100412/4	20.0	4.4488	50.0	611176.0	0.22244	Y
4	IC 860-100412/5	50.0	10.866389	50.0	614597.0	0.217328	Y
5	ICIS 860-100412/6	100.0	21.761942	50.0	608868.0	0.217619	Y
6	IC 860-100412/7	200.0	42.128921	50.0	589773.0	0.210645	Y
7	IC 860-100412/8	300.0	62.736516	50.0	592666.0	0.209122	Y



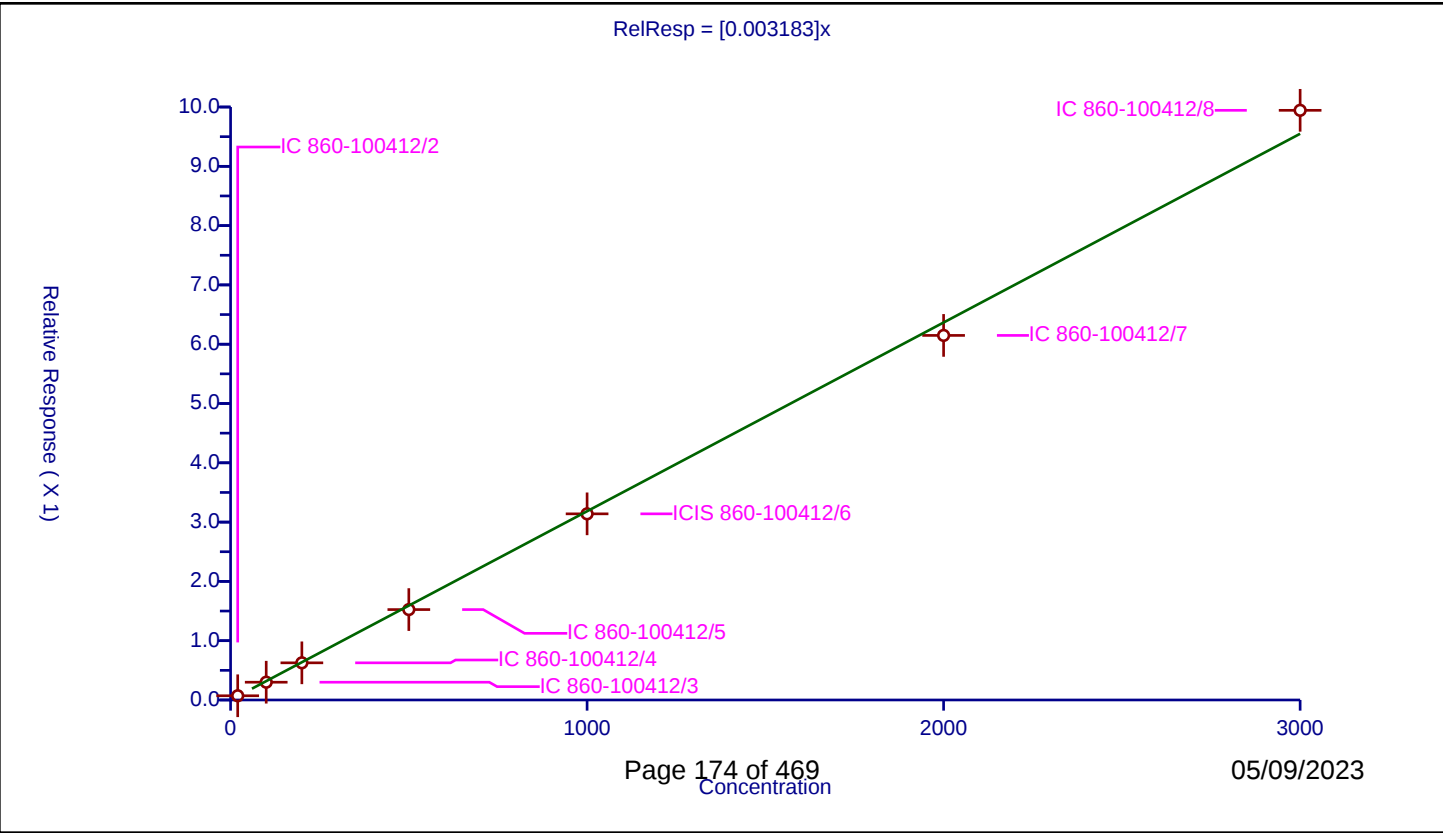
Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.003183
Error Coefficients	
Standard Error:	59200
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	20.0	0.071404	50.0	617612.0	0.00357	Y
2	IC 860-100412/3	100.0	0.299957	50.0	612421.0	0.003	Y
3	IC 860-100412/4	200.0	0.626824	50.0	611176.0	0.003134	Y
4	IC 860-100412/5	500.0	1.524576	50.0	614597.0	0.003049	Y
5	ICIS 860-100412/6	1000.0	3.139022	50.0	608868.0	0.003139	Y
6	IC 860-100412/7	2000.0	6.148043	50.0	589773.0	0.003074	Y
7	IC 860-100412/8	3000.0	9.944303	50.0	592666.0	0.003315	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

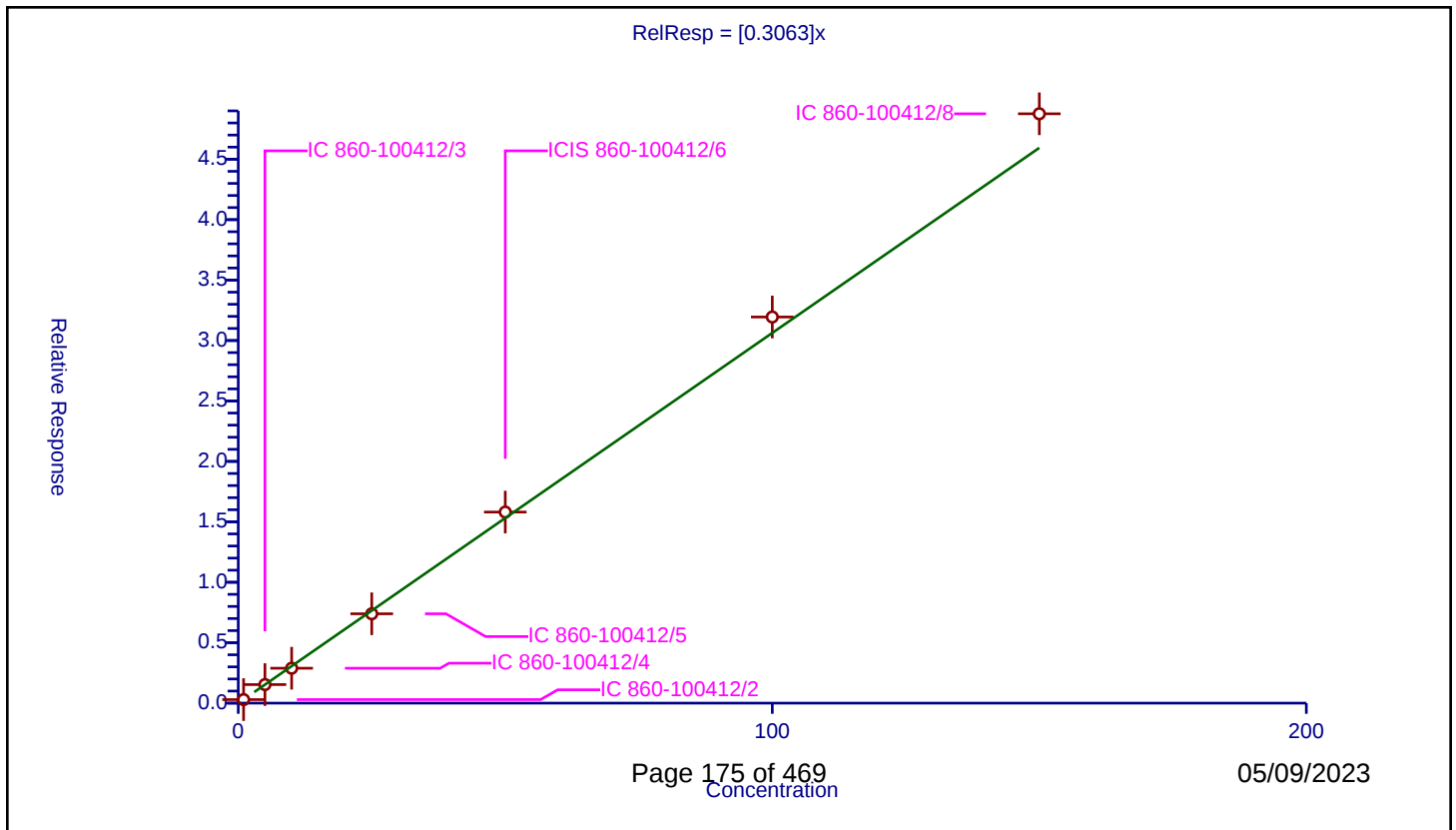
Curve Coefficients

Intercept: 0
Slope: 0.3063

Error Coefficients

Standard Error: 295000
Relative Standard Error: 4.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.29185	50.0	617612.0	0.29185	Y
2	IC 860-100412/3	5.0	1.534647	50.0	612421.0	0.306929	Y
3	IC 860-100412/4	10.0	2.888284	50.0	611176.0	0.288828	Y
4	IC 860-100412/5	25.0	7.391592	50.0	614597.0	0.295664	Y
5	ICIS 860-100412/6	50.0	15.807039	50.0	608868.0	0.316141	Y
6	IC 860-100412/7	100.0	31.946105	50.0	589773.0	0.319461	Y
7	IC 860-100412/8	150.0	48.759925	50.0	592666.0	0.325066	Y



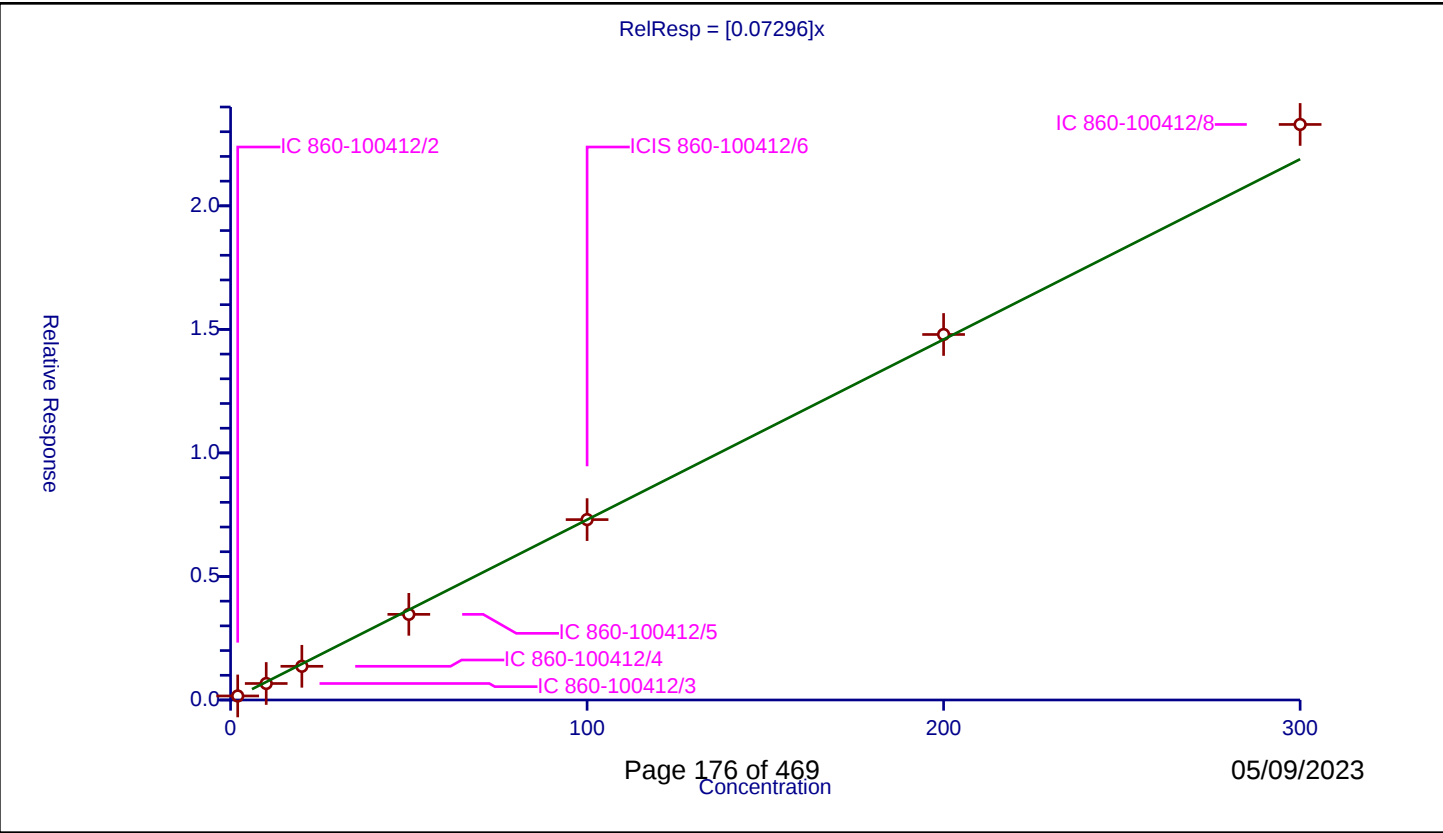
Calibration

/ 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:	0.07296
Error Coefficients	
Standard Error:	139000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	2.0	0.163695	50.0	617612.0	0.081848	Y
2	IC 860-100412/3	10.0	0.66776	50.0	612421.0	0.066776	Y
3	IC 860-100412/4	20.0	1.363192	50.0	611176.0	0.06816	Y
4	IC 860-100412/5	50.0	3.466499	50.0	614597.0	0.06933	Y
5	ICIS 860-100412/6	100.0	7.300515	50.0	608868.0	0.073005	Y
6	IC 860-100412/7	200.0	14.793827	50.0	589773.0	0.073969	Y
7	IC 860-100412/8	300.0	23.293727	50.0	592666.0	0.077646	Y



Calibration

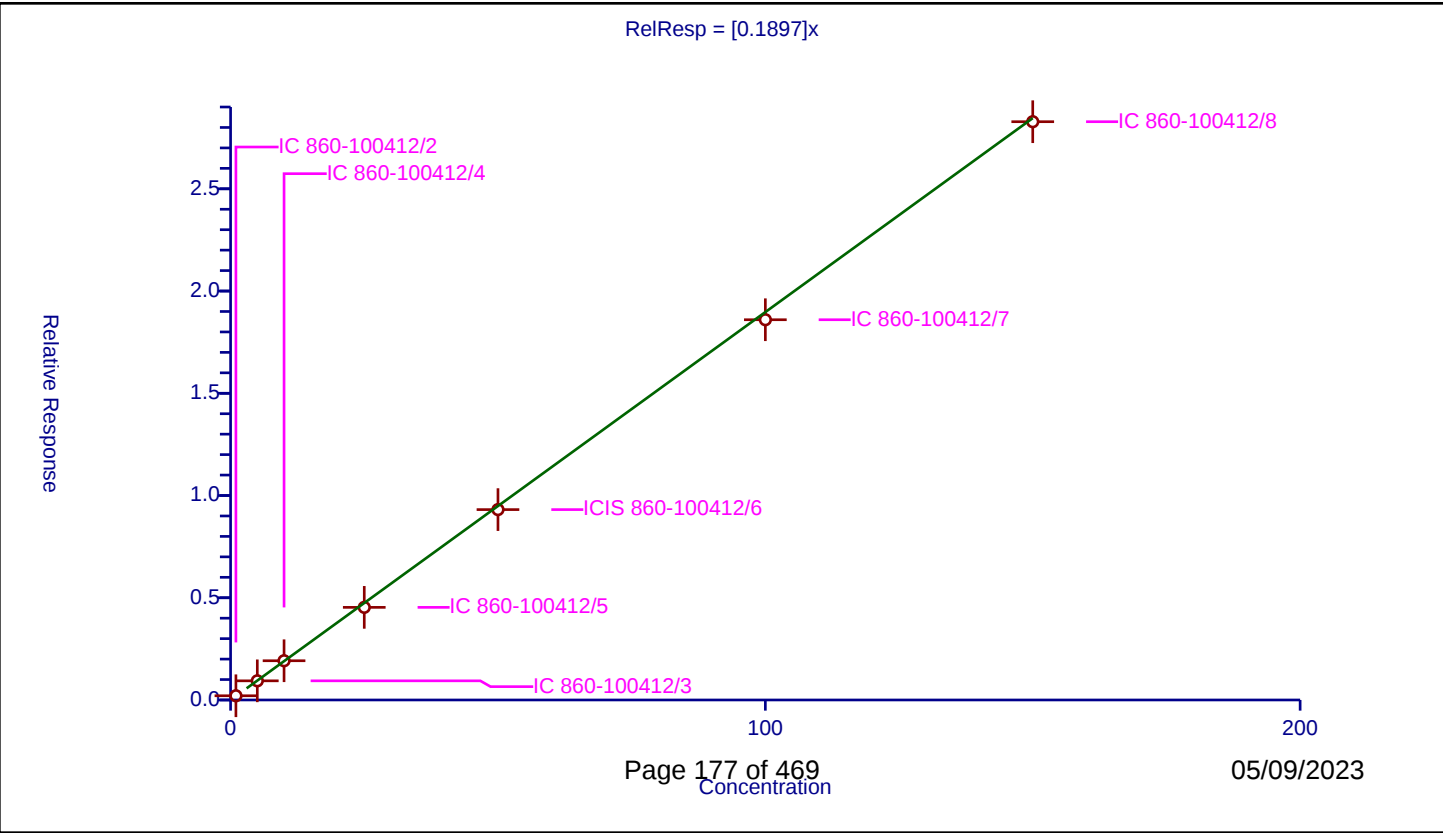
/ 2-Chloroethyl vinyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1897

Error Coefficients	
Standard Error:	172000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.206683	50.0	617612.0	0.206683	Y
2	IC 860-100412/3	5.0	0.9371	50.0	612421.0	0.18742	Y
3	IC 860-100412/4	10.0	1.919005	50.0	611176.0	0.191901	Y
4	IC 860-100412/5	25.0	4.530204	50.0	614597.0	0.181208	Y
5	ICIS 860-100412/6	50.0	9.310557	50.0	608868.0	0.186211	Y
6	IC 860-100412/7	100.0	18.597325	50.0	589773.0	0.185973	Y
7	IC 860-100412/8	150.0	28.280769	50.0	592666.0	0.188538	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

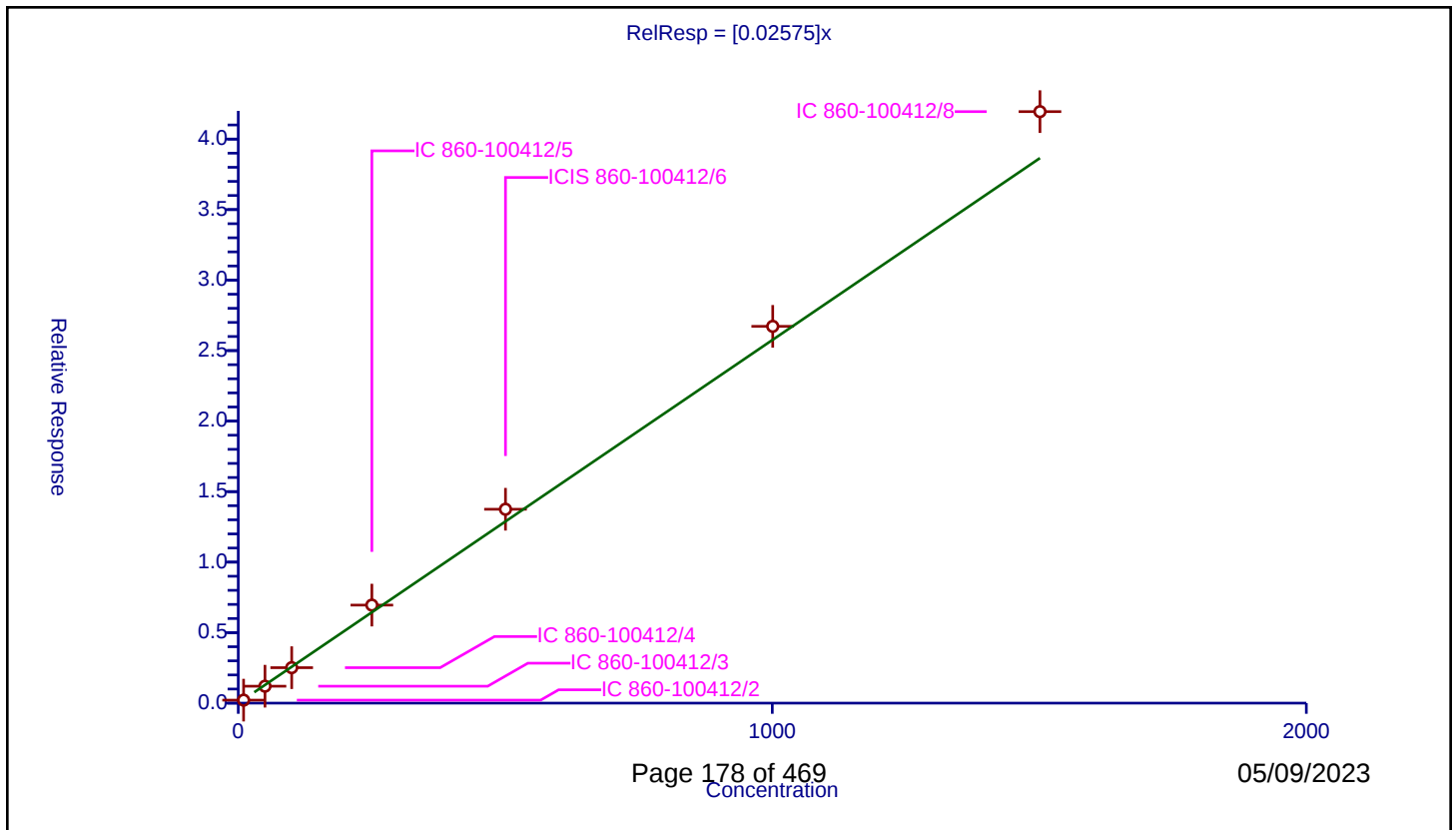
Curve Coefficients

Intercept: 0
Slope: 0.02575

Error Coefficients

Standard Error: 253000
Relative Standard Error: 9.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	10.00818	0.212188	50.0	617612.0	0.021201	Y
2	IC 860-100412/3	50.0409	1.200645	50.0	612421.0	0.023993	Y
3	IC 860-100412/4	100.0818	2.515642	50.0	611176.0	0.025136	Y
4	IC 860-100412/5	250.2045	6.95171	50.0	614597.0	0.027784	Y
5	ICIS 860-100412/6	500.409	13.748711	50.0	608868.0	0.027475	Y
6	IC 860-100412/7	1000.818	26.720281	50.0	589773.0	0.026698	Y
7	IC 860-100412/8	1501.227	41.947319	50.0	592666.0	0.027942	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

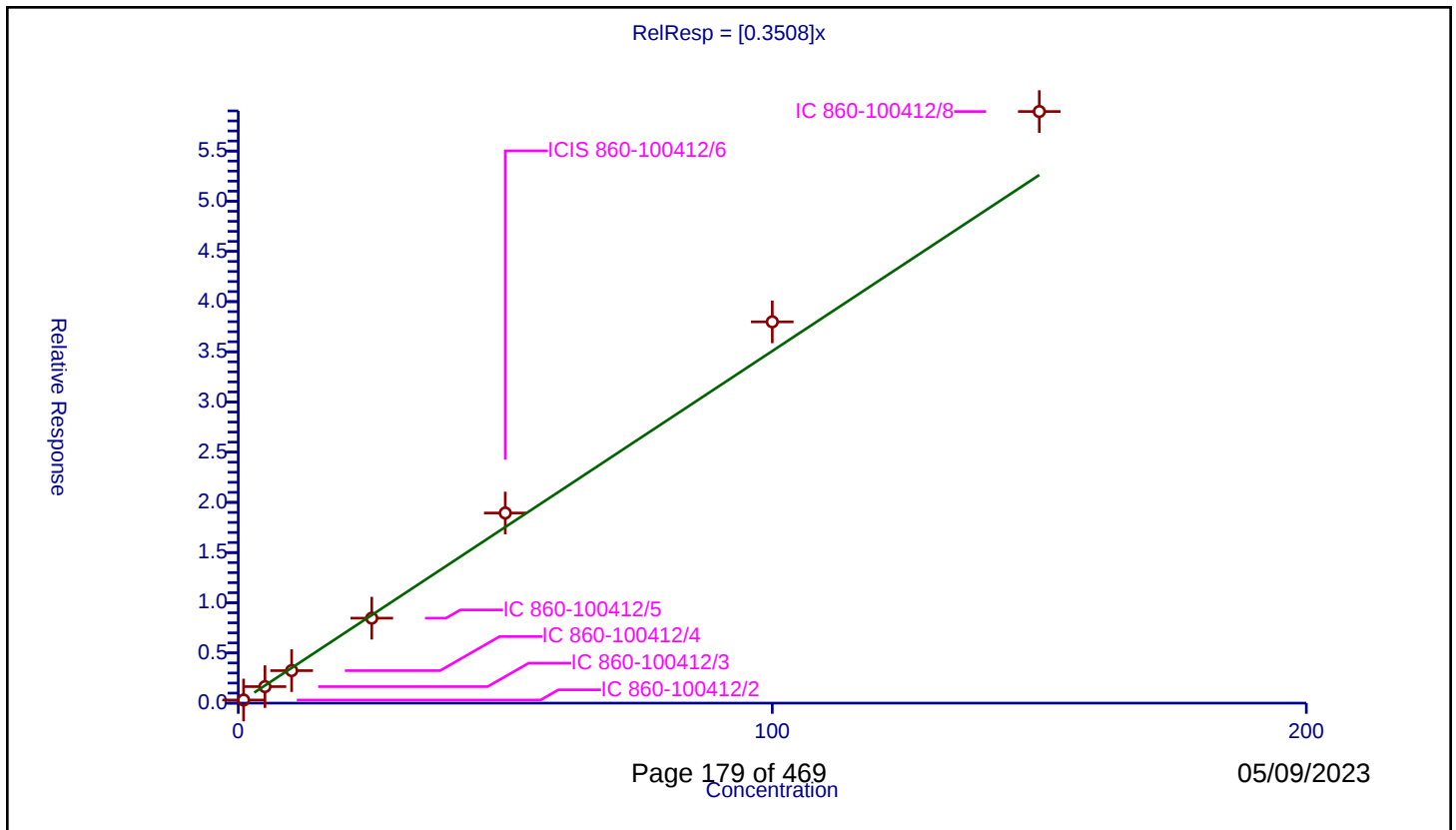
Curve Coefficients

Intercept: 0
Slope: 0.3508

Error Coefficients

Standard Error: 355000
Relative Standard Error: 9.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.312251	50.0	617612.0	0.312251	Y
2	IC 860-100412/3	5.0	1.645437	50.0	612421.0	0.329087	Y
3	IC 860-100412/4	10.0	3.238592	50.0	611176.0	0.323859	Y
4	IC 860-100412/5	25.0	8.46571	50.0	614597.0	0.338628	Y
5	ICIS 860-100412/6	50.0	18.940066	50.0	608868.0	0.378801	Y
6	IC 860-100412/7	100.0	37.983936	50.0	589773.0	0.379839	Y
7	IC 860-100412/8	150.0	58.93564	50.0	592666.0	0.392904	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

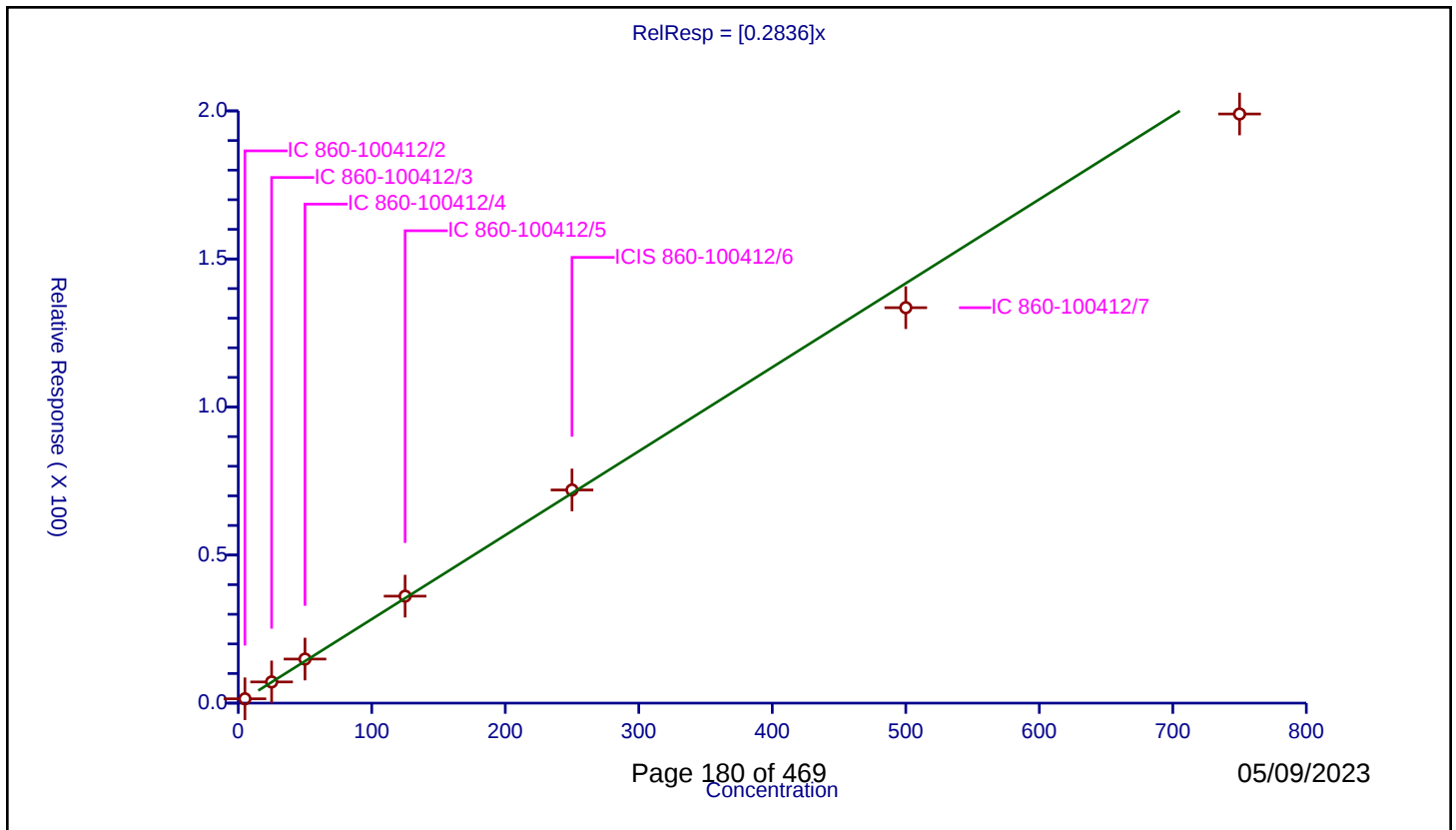
Curve Coefficients

Intercept: 0
Slope: 0.2836

Error Coefficients

Standard Error: 1230000
Relative Standard Error: 4.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	5.0	1.45933	50.0	617612.0	0.291866	Y
2	IC 860-100412/3	25.0	7.154392	50.0	612421.0	0.286176	Y
3	IC 860-100412/4	50.0	14.877302	50.0	611176.0	0.297546	Y
4	IC 860-100412/5	125.0	36.125705	50.0	614597.0	0.289006	Y
5	ICIS 860-100412/6	250.0	71.982597	50.0	608868.0	0.28793	Y
6	IC 860-100412/7	500.0	133.545618	50.0	589773.0	0.267091	Y
7	IC 860-100412/8	750.0	198.95312	50.0	592666.0	0.265271	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

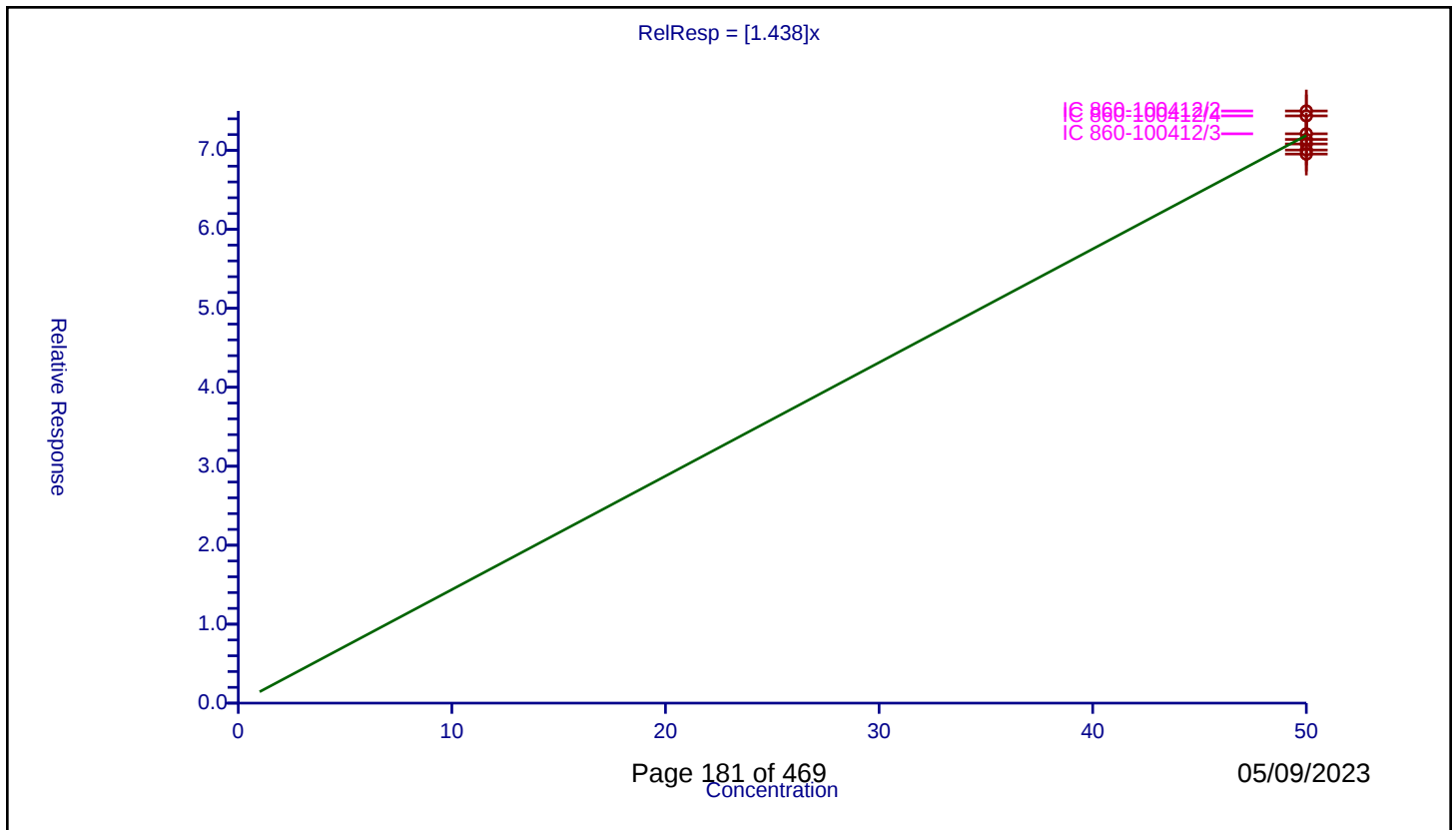
Curve Coefficients

Intercept: 0
Slope: 1.438

Error Coefficients

Standard Error: 804000
Relative Standard Error: 2.9
Correlation Coefficient: 0.00000000000000000000
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	50.0	74.988982	50.0	512818.0	1.49978	Y
2	IC 860-100412/3	50.0	72.099511	50.0	513853.0	1.44199	Y
3	IC 860-100412/4	50.0	74.368134	50.0	507940.0	1.487363	Y
4	IC 860-100412/5	50.0	71.388684	50.0	534002.0	1.427774	Y
5	ICIS 860-100412/6	50.0	70.812322	50.0	524718.0	1.416246	Y
6	IC 860-100412/7	50.0	69.531755	50.0	509327.0	1.390635	Y
7	IC 860-100412/8	50.0	70.044325	50.0	521604.0	1.400886	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

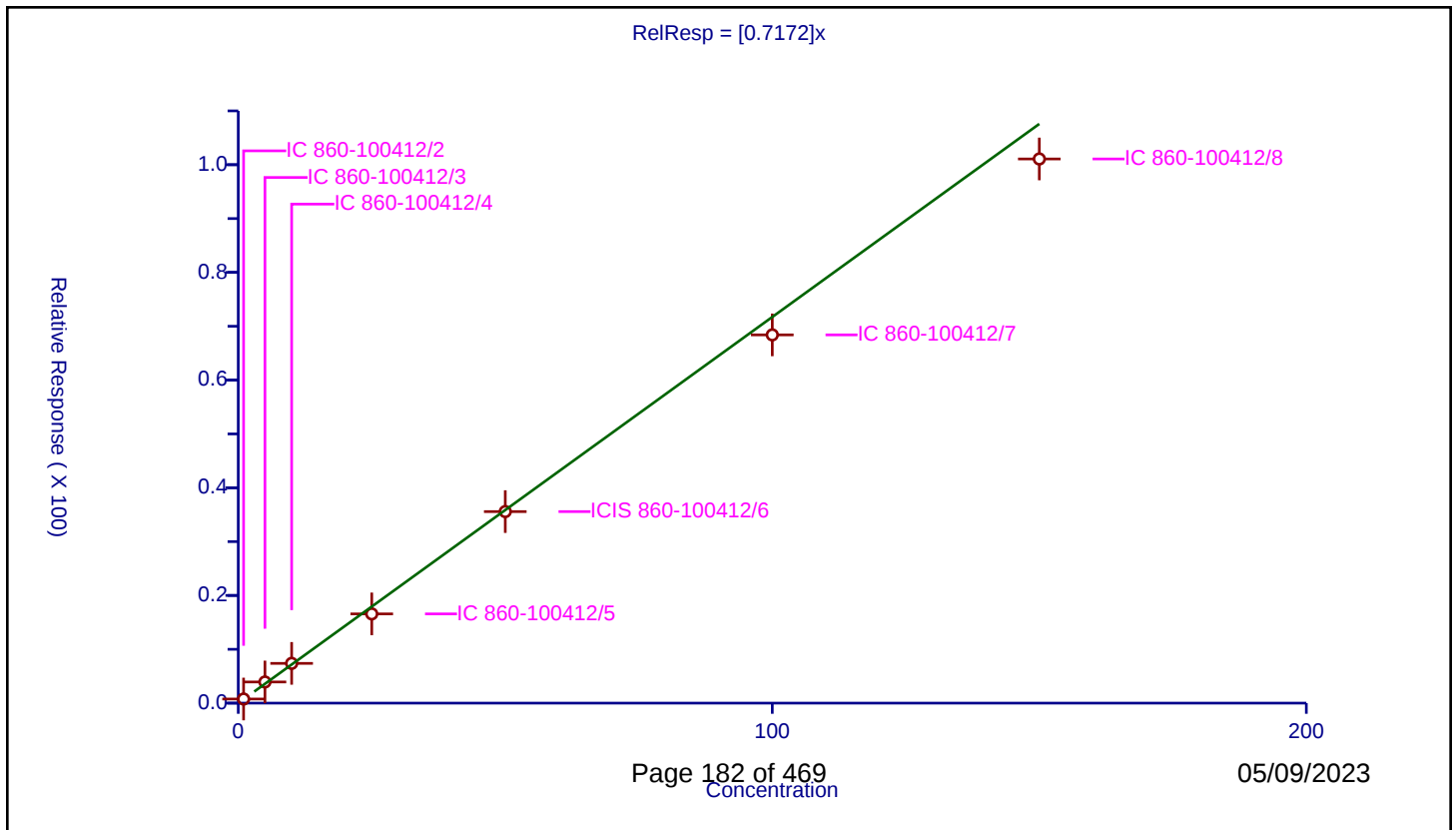
Curve Coefficients

Intercept: 0
Slope: 0.7172

Error Coefficients

Standard Error: 544000
Relative Standard Error: 6.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.764306	50.0	512818.0	0.764306	Y
2	IC 860-100412/3	5.0	3.928361	50.0	513853.0	0.785672	Y
3	IC 860-100412/4	10.0	7.381679	50.0	507940.0	0.738168	Y
4	IC 860-100412/5	25.0	16.576062	50.0	534002.0	0.663042	Y
5	ICIS 860-100412/6	50.0	35.577396	50.0	524718.0	0.711548	Y
6	IC 860-100412/7	100.0	68.396138	50.0	509327.0	0.683961	Y
7	IC 860-100412/8	150.0	101.071982	50.0	521604.0	0.673813	Y



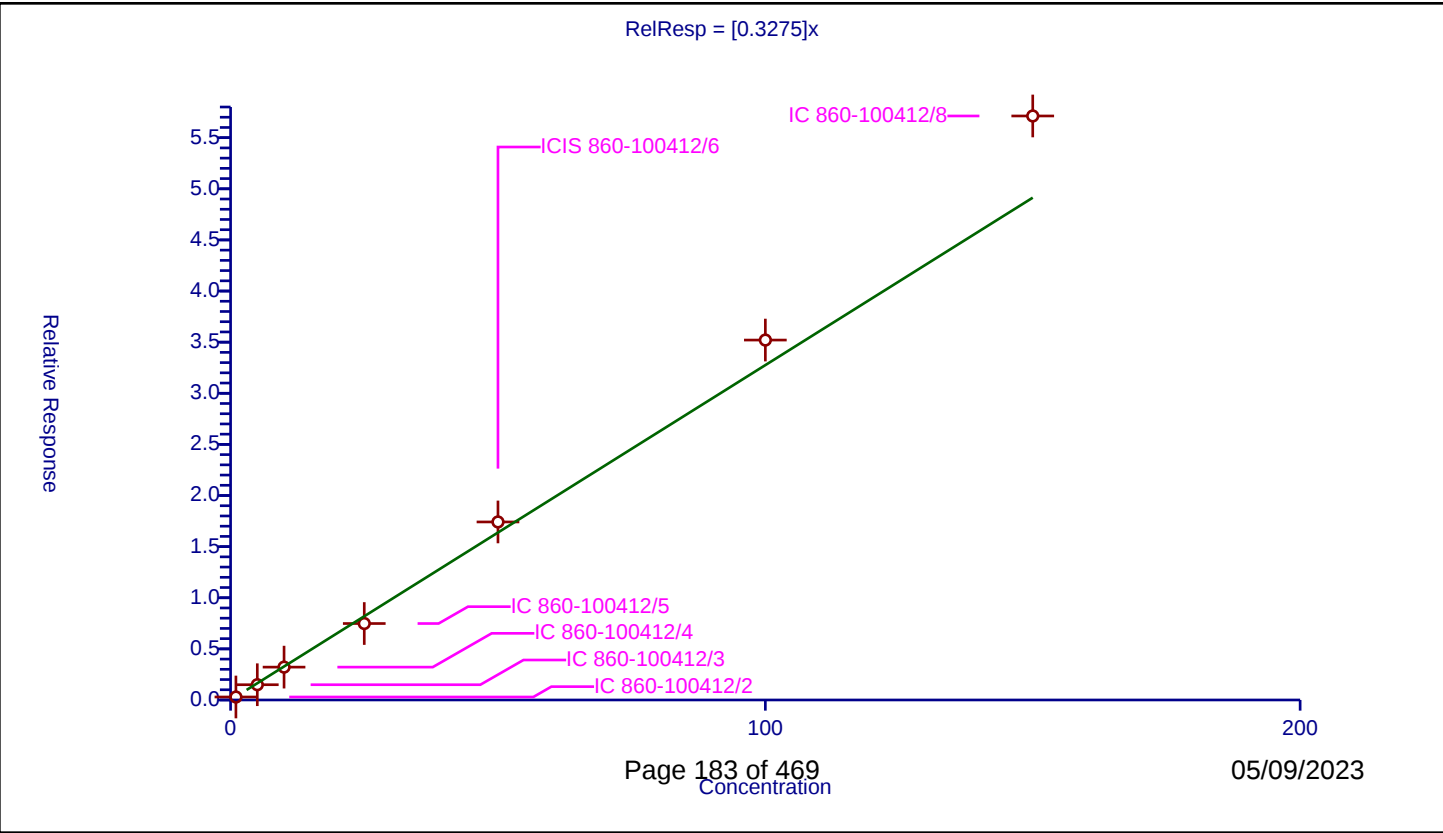
Calibration

/ 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:	0.3275
Error Coefficients	
Standard Error:	296000
Relative Standard Error:	10.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.292111	50.0	512818.0	0.292111	Y
2	IC 860-100412/3	5.0	1.494494	50.0	513853.0	0.298899	Y
3	IC 860-100412/4	10.0	3.214454	50.0	507940.0	0.321445	Y
4	IC 860-100412/5	25.0	7.480122	50.0	534002.0	0.299205	Y
5	ICIS 860-100412/6	50.0	17.413258	50.0	524718.0	0.348265	Y
6	IC 860-100412/7	100.0	35.207048	50.0	509327.0	0.35207	Y
7	IC 860-100412/8	150.0	57.123124	50.0	521604.0	0.380821	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

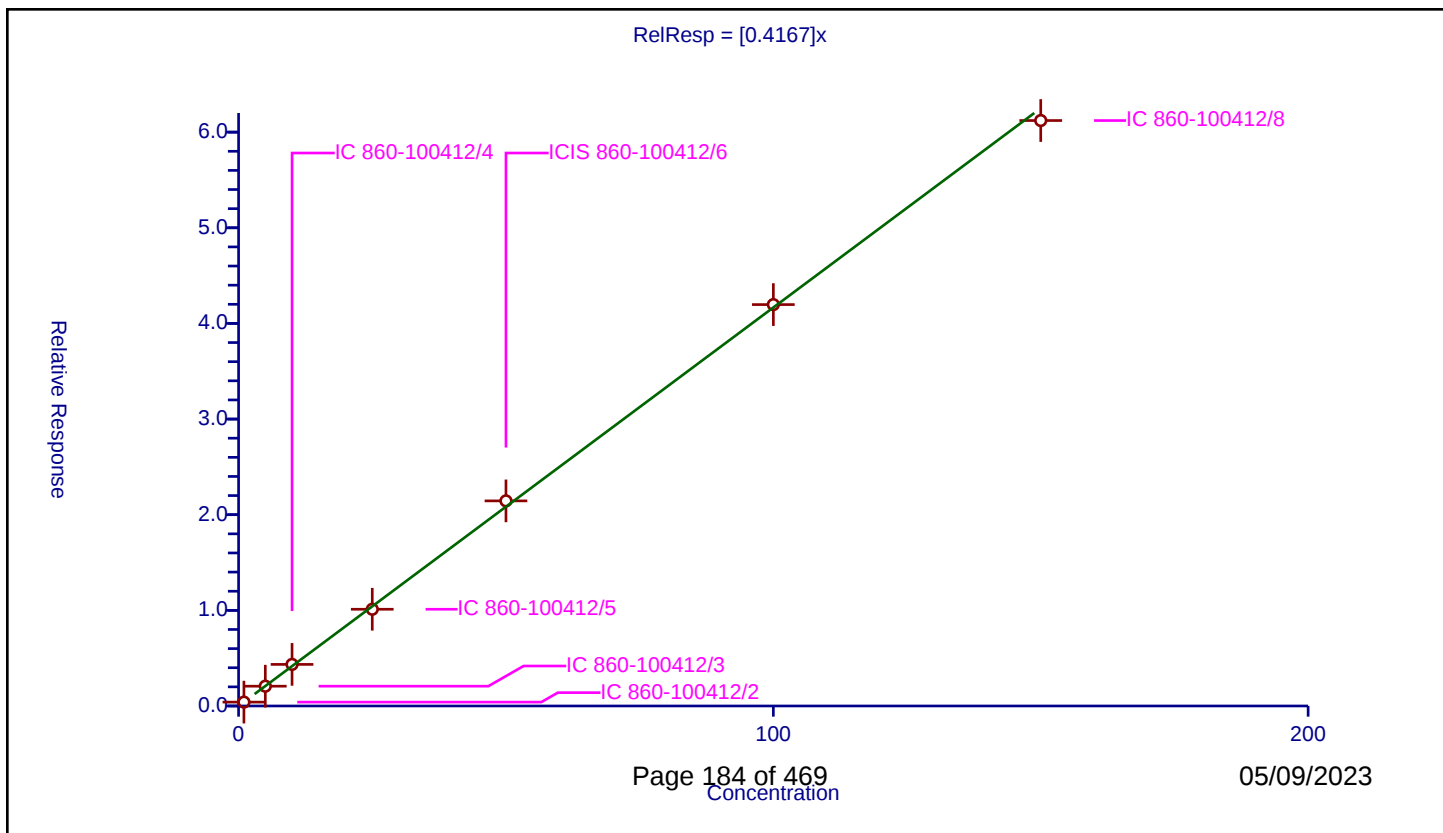
Curve Coefficients

Intercept: 0
Slope: 0.4167

Error Coefficients

Standard Error: 330000
Relative Standard Error: 2.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.406479	50.0	512818.0	0.406479	Y
2	IC 860-100412/3	5.0	2.070436	50.0	513853.0	0.414087	Y
3	IC 860-100412/4	10.0	4.348545	50.0	507940.0	0.434855	Y
4	IC 860-100412/5	25.0	10.115131	50.0	534002.0	0.404605	Y
5	ICIS 860-100412/6	50.0	21.444185	50.0	524718.0	0.428884	Y
6	IC 860-100412/7	100.0	41.969599	50.0	509327.0	0.419696	Y
7	IC 860-100412/8	150.0	61.214159	50.0	521604.0	0.408094	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

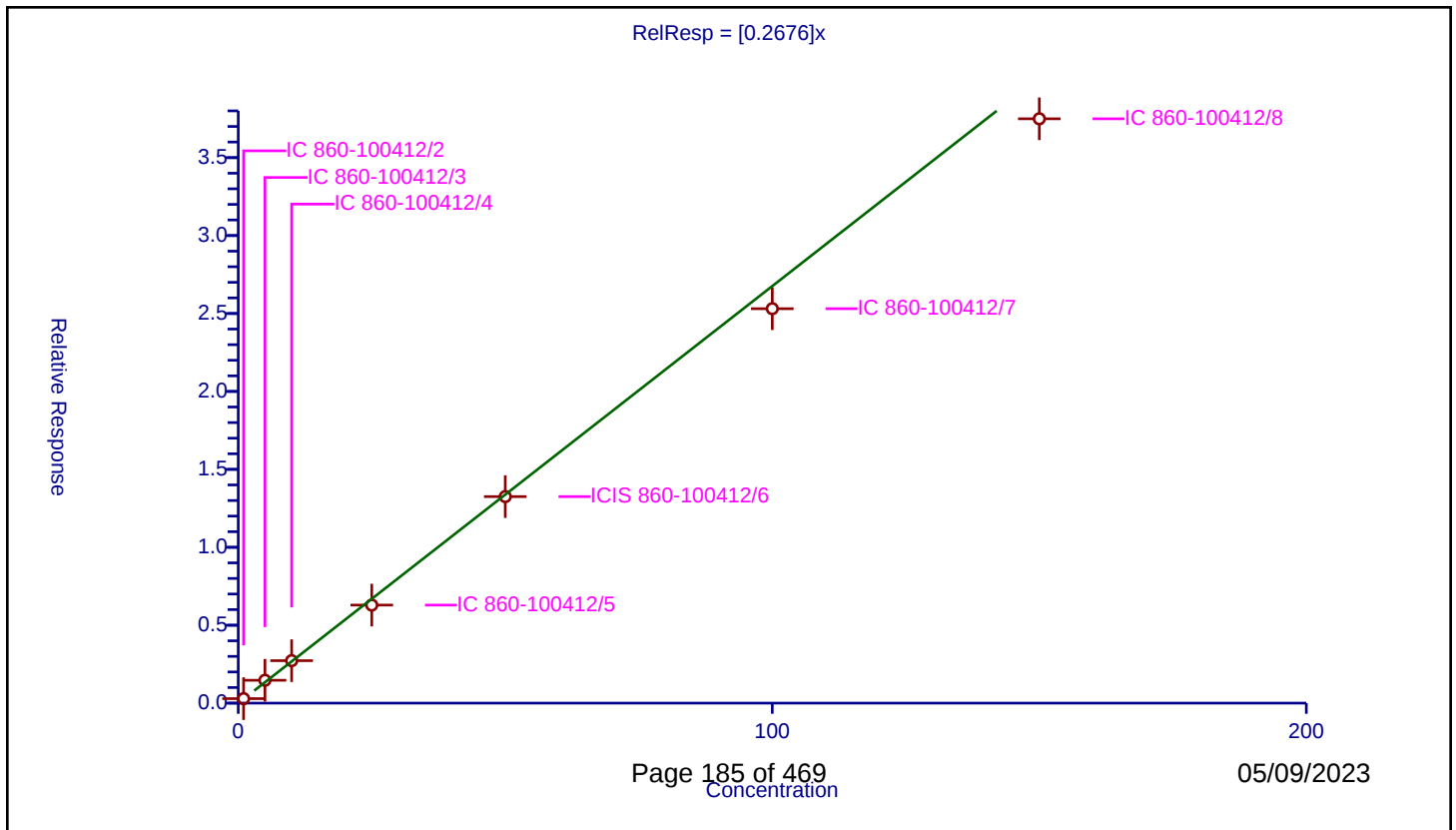
Curve Coefficients

Intercept: 0
Slope: 0.2676

Error Coefficients

Standard Error: 202000
Relative Standard Error: 6.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.287626	50.0	512818.0	0.287626	Y
2	IC 860-100412/3	5.0	1.466373	50.0	513853.0	0.293275	Y
3	IC 860-100412/4	10.0	2.724141	50.0	507940.0	0.272414	Y
4	IC 860-100412/5	25.0	6.291643	50.0	534002.0	0.251666	Y
5	ICIS 860-100412/6	50.0	13.250927	50.0	524718.0	0.265019	Y
6	IC 860-100412/7	100.0	25.307219	50.0	509327.0	0.253072	Y
7	IC 860-100412/8	150.0	37.491948	50.0	521604.0	0.249946	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

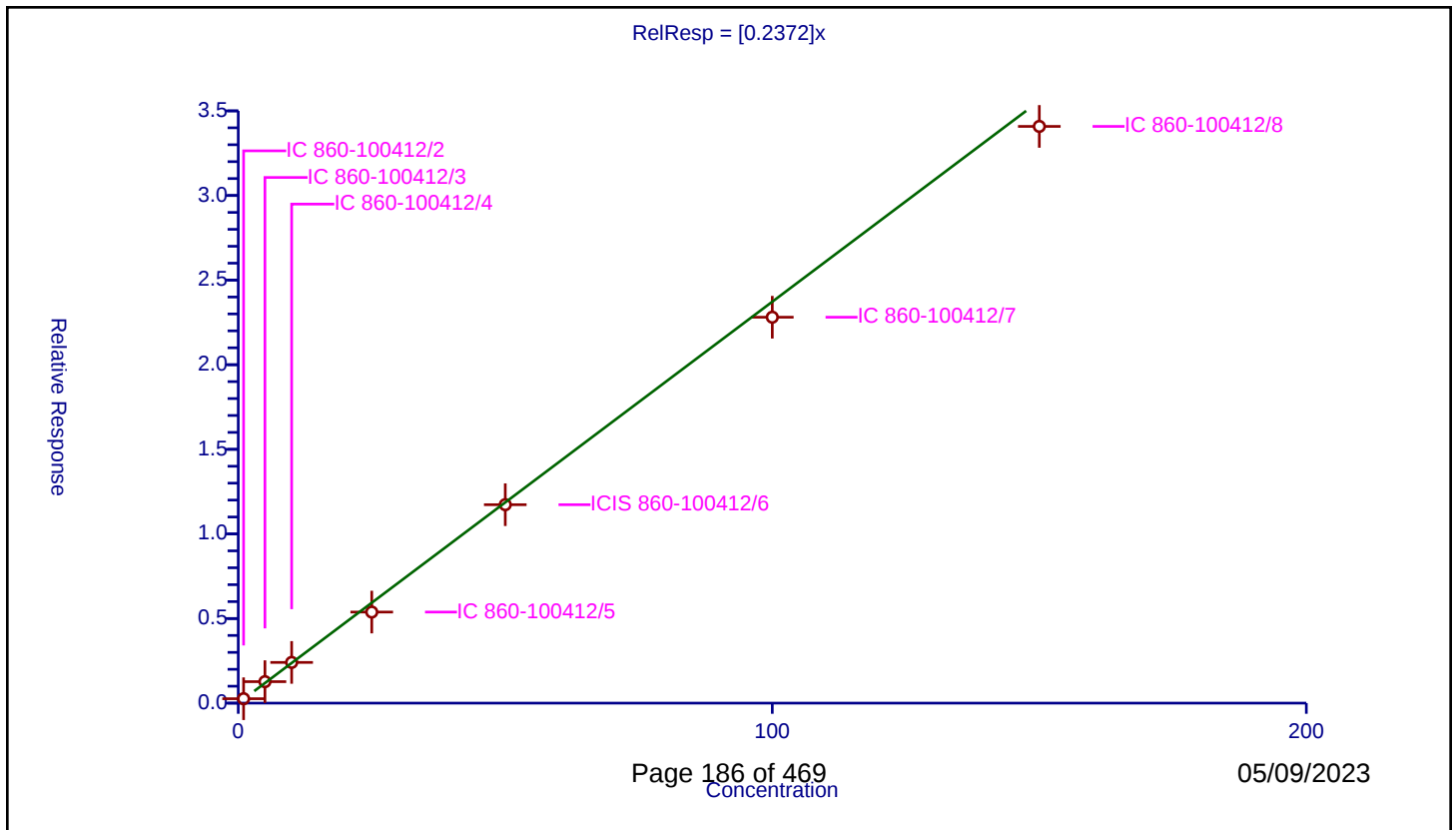
Curve Coefficients

Intercept: 0
Slope: 0.2372

Error Coefficients

Standard Error: 182000
Relative Standard Error: 6.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.261009	50.0	512818.0	0.261009	Y
2	IC 860-100412/3	5.0	1.269429	50.0	513853.0	0.253886	Y
3	IC 860-100412/4	10.0	2.405501	50.0	507940.0	0.24055	Y
4	IC 860-100412/5	25.0	5.382751	50.0	534002.0	0.21531	Y
5	ICIS 860-100412/6	50.0	11.727156	50.0	524718.0	0.234543	Y
6	IC 860-100412/7	100.0	22.806959	50.0	509327.0	0.22807	Y
7	IC 860-100412/8	150.0	34.081986	50.0	521604.0	0.227213	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

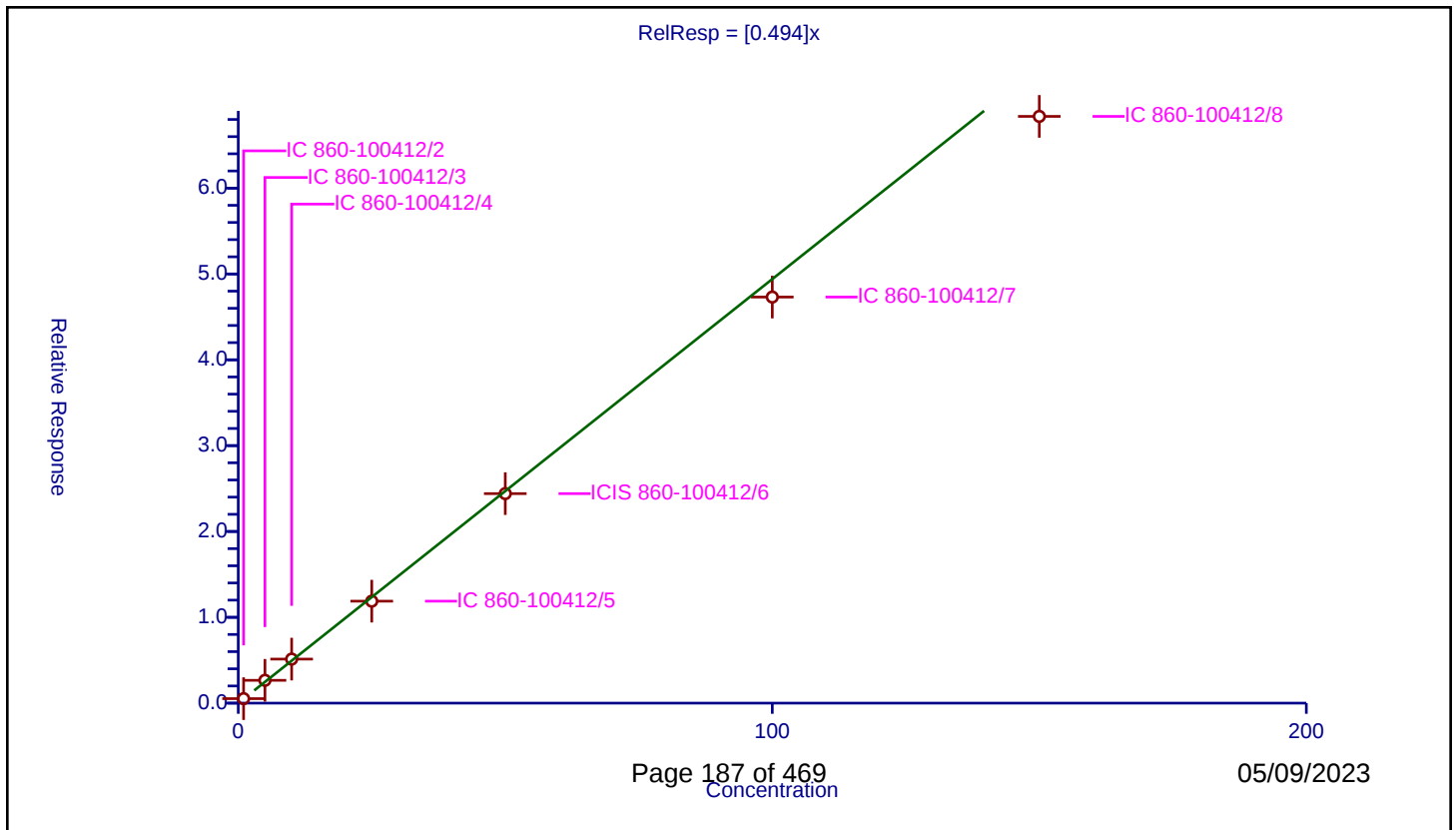
Curve Coefficients

Intercept: 0
Slope: 0.494

Error Coefficients

Standard Error: 371000
Relative Standard Error: 5.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.521725	50.0	512818.0	0.521725	Y
2	IC 860-100412/3	5.0	2.656402	50.0	513853.0	0.53128	Y
3	IC 860-100412/4	10.0	5.130921	50.0	507940.0	0.513092	Y
4	IC 860-100412/5	25.0	11.878888	50.0	534002.0	0.475156	Y
5	ICIS 860-100412/6	50.0	24.408921	50.0	524718.0	0.488178	Y
6	IC 860-100412/7	100.0	47.308507	50.0	509327.0	0.473085	Y
7	IC 860-100412/8	150.0	68.356358	50.0	521604.0	0.455709	Y



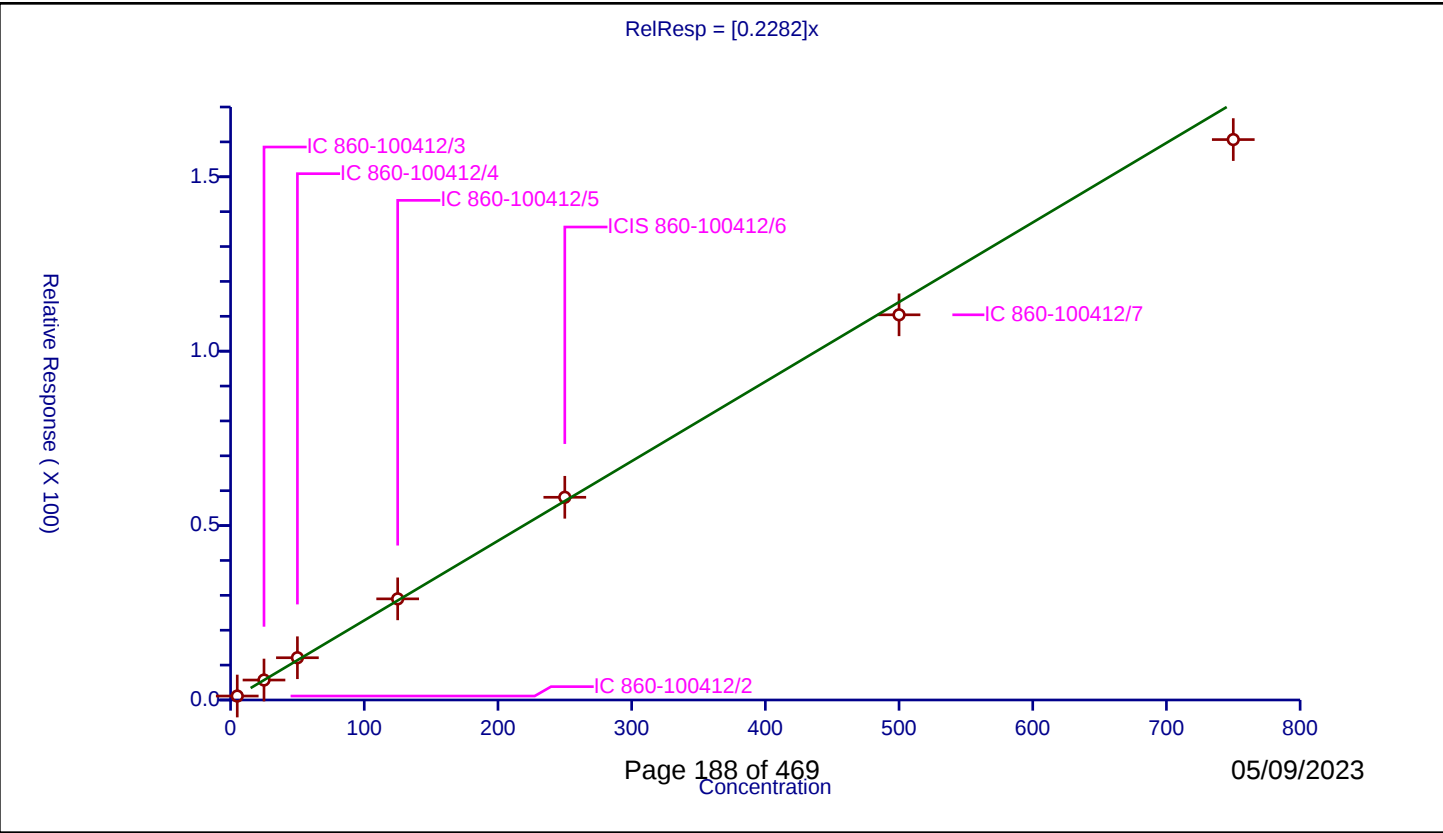
Calibration

/ 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:	0.2282
Error Coefficients	
Standard Error:	872000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	5.0	1.132566	50.0	512818.0	0.226513	Y
2	IC 860-100412/3	25.0	5.720313	50.0	513853.0	0.228813	Y
3	IC 860-100412/4	50.0	12.115112	50.0	507940.0	0.242302	Y
4	IC 860-100412/5	125.0	28.99418	50.0	534002.0	0.231953	Y
5	ICIS 860-100412/6	250.0	58.115026	50.0	524718.0	0.23246	Y
6	IC 860-100412/7	500.0	110.426995	50.0	509327.0	0.220854	Y
7	IC 860-100412/8	750.0	160.668438	50.0	521604.0	0.214225	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

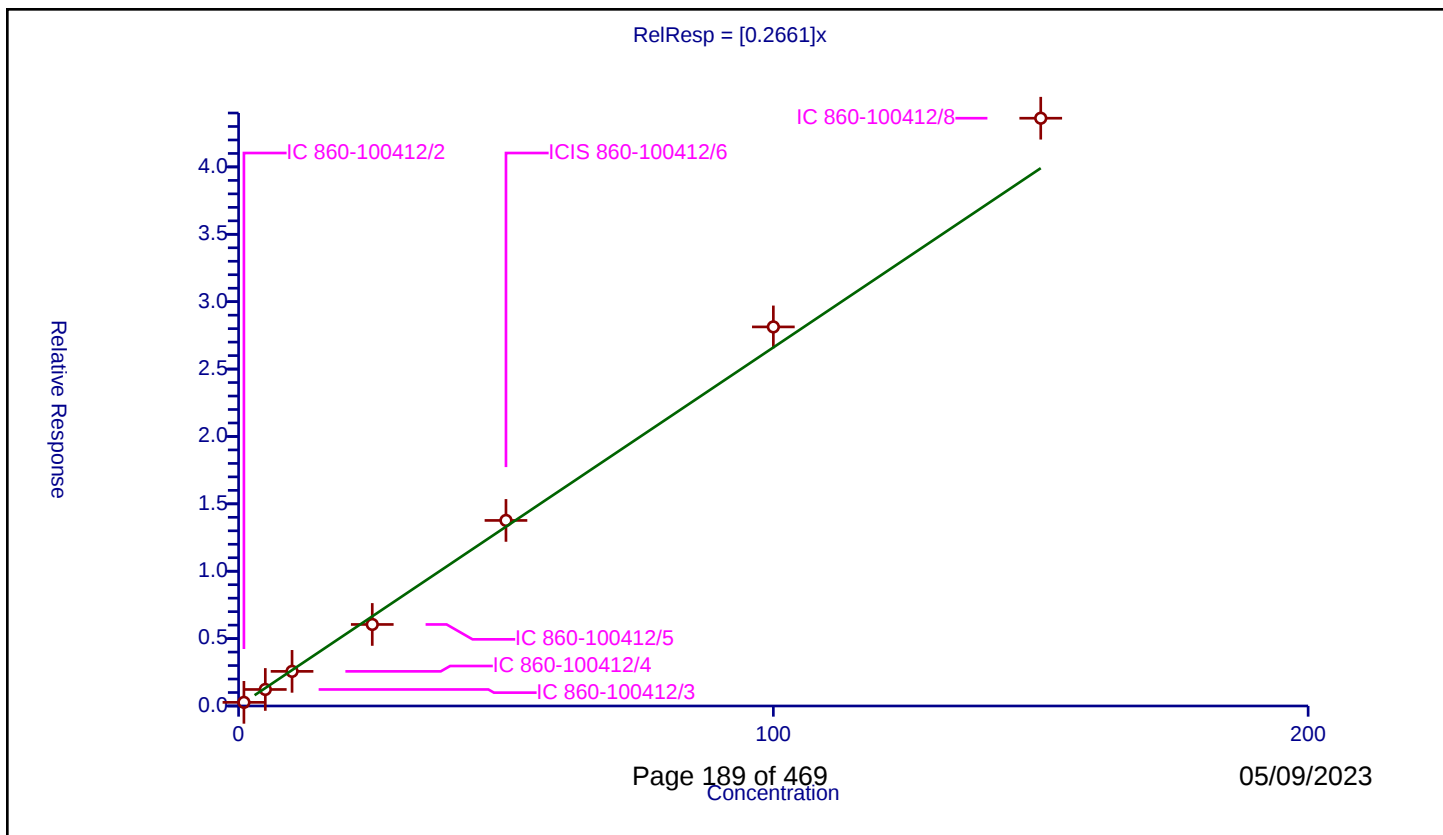
Curve Coefficients

Intercept: 0
Slope: 0.2661

Error Coefficients

Standard Error: 229000
Relative Standard Error: 6.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.270759	50.0	512818.0	0.270759	Y
2	IC 860-100412/3	5.0	1.225934	50.0	513853.0	0.245187	Y
3	IC 860-100412/4	10.0	2.569792	50.0	507940.0	0.256979	Y
4	IC 860-100412/5	25.0	6.050446	50.0	534002.0	0.242018	Y
5	ICIS 860-100412/6	50.0	13.769301	50.0	524718.0	0.275386	Y
6	IC 860-100412/7	100.0	28.128098	50.0	509327.0	0.281281	Y
7	IC 860-100412/8	150.0	43.61345	50.0	521604.0	0.290756	Y



Calibration

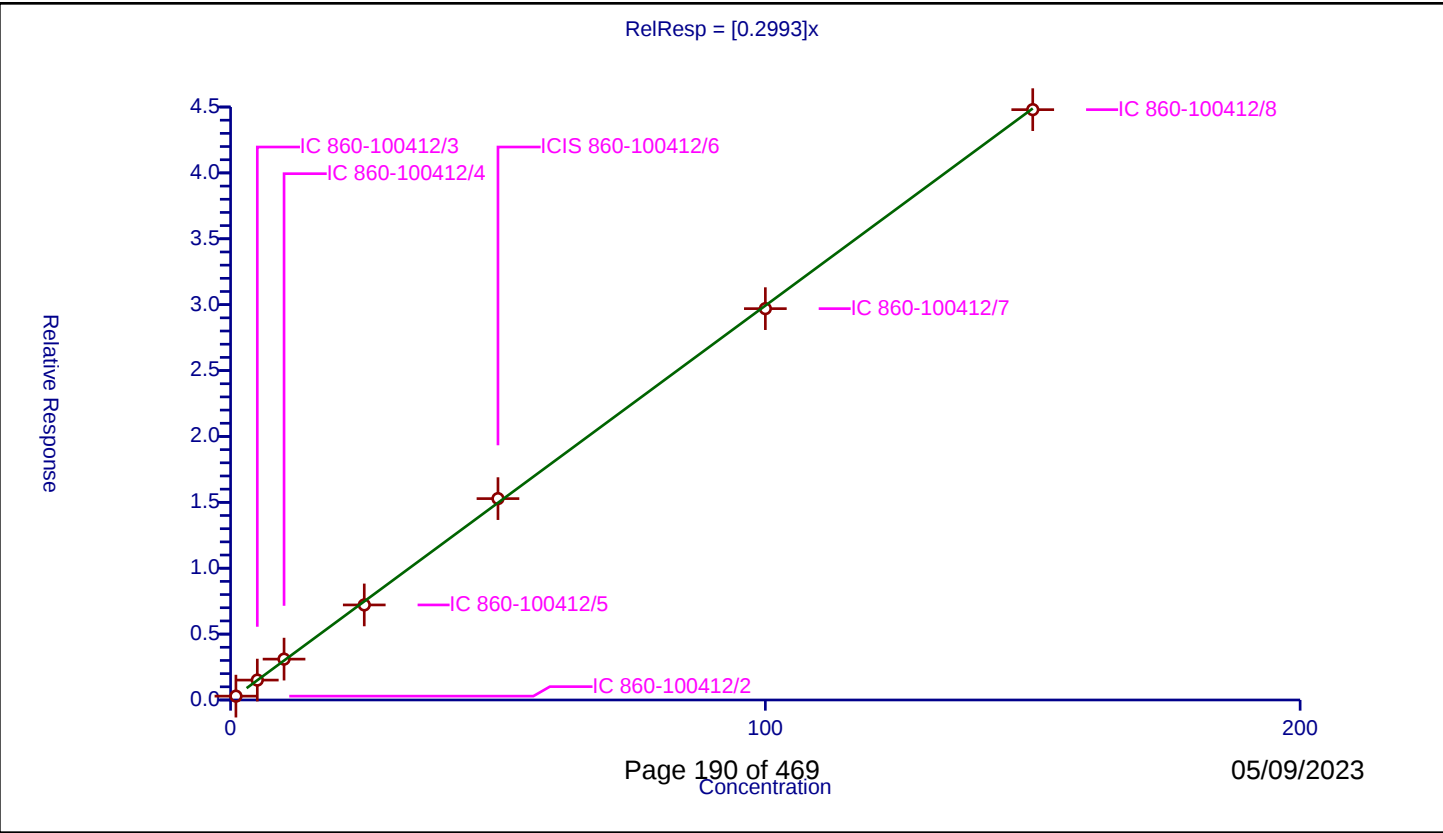
/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2993

Error Coefficients	
Standard Error:	239000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.292989	50.0	512818.0	0.292989	Y
2	IC 860-100412/3	5.0	1.509965	50.0	513853.0	0.301993	Y
3	IC 860-100412/4	10.0	3.10076	50.0	507940.0	0.310076	Y
4	IC 860-100412/5	25.0	7.214018	50.0	534002.0	0.288561	Y
5	ICIS 860-100412/6	50.0	15.282113	50.0	524718.0	0.305642	Y
6	IC 860-100412/7	100.0	29.698799	50.0	509327.0	0.296988	Y
7	IC 860-100412/8	150.0	44.799791	50.0	521604.0	0.298665	Y



Calibration

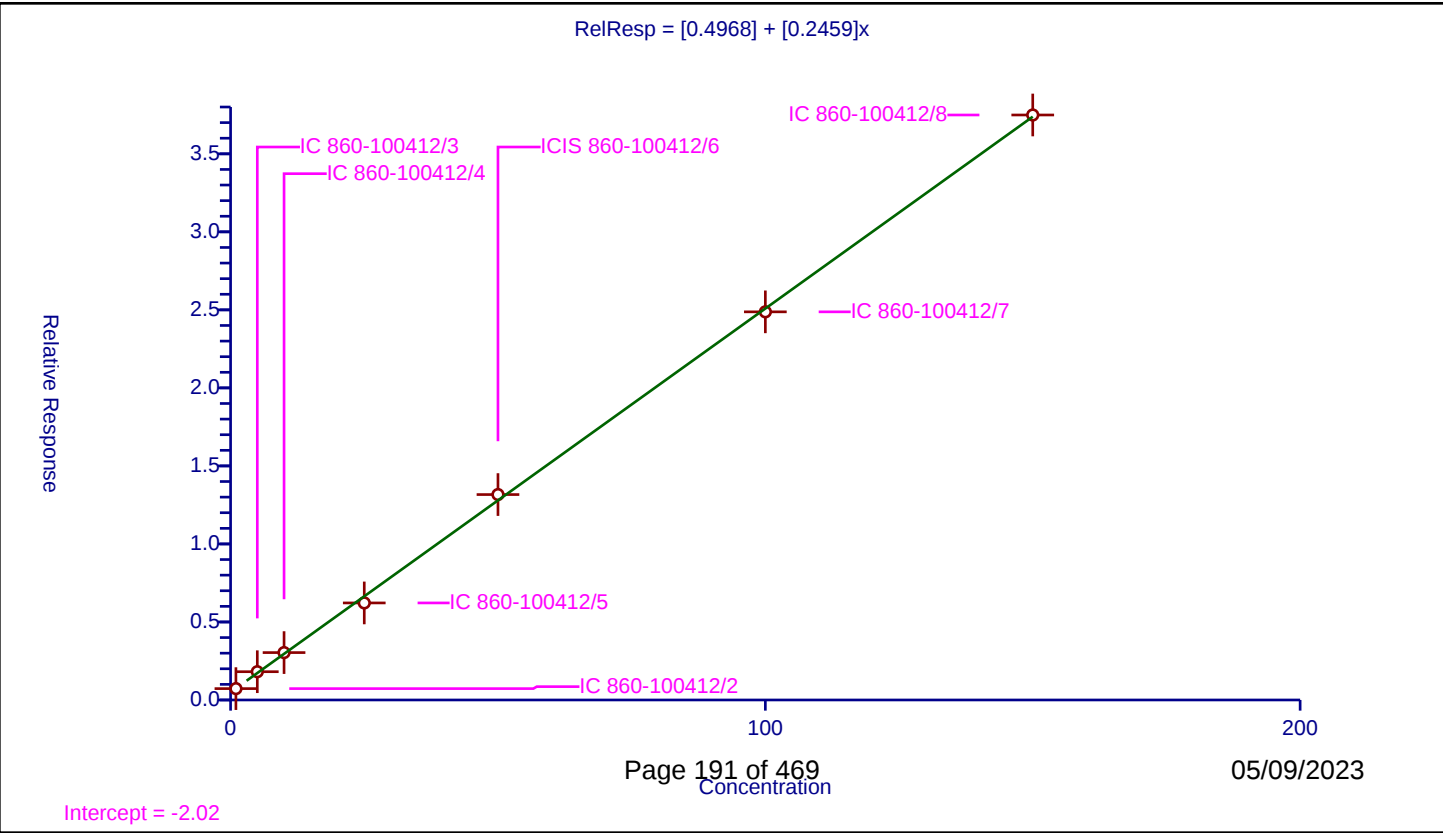
/ 1-Chlorohexane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0.4968
Slope:	0.2459

Error Coefficients	
Standard Error:	220000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.728231	50.0	512818.0	0.728231	Y
2	IC 860-100412/3	5.0	1.812094	50.0	513853.0	0.362419	Y
3	IC 860-100412/4	10.0	3.036973	50.0	507940.0	0.303697	Y
4	IC 860-100412/5	25.0	6.219078	50.0	534002.0	0.248763	Y
5	ICIS 860-100412/6	50.0	13.1645	50.0	524718.0	0.26329	Y
6	IC 860-100412/7	100.0	24.874	50.0	509327.0	0.24874	Y
7	IC 860-100412/8	150.0	37.489168	50.0	521604.0	0.249928	Y



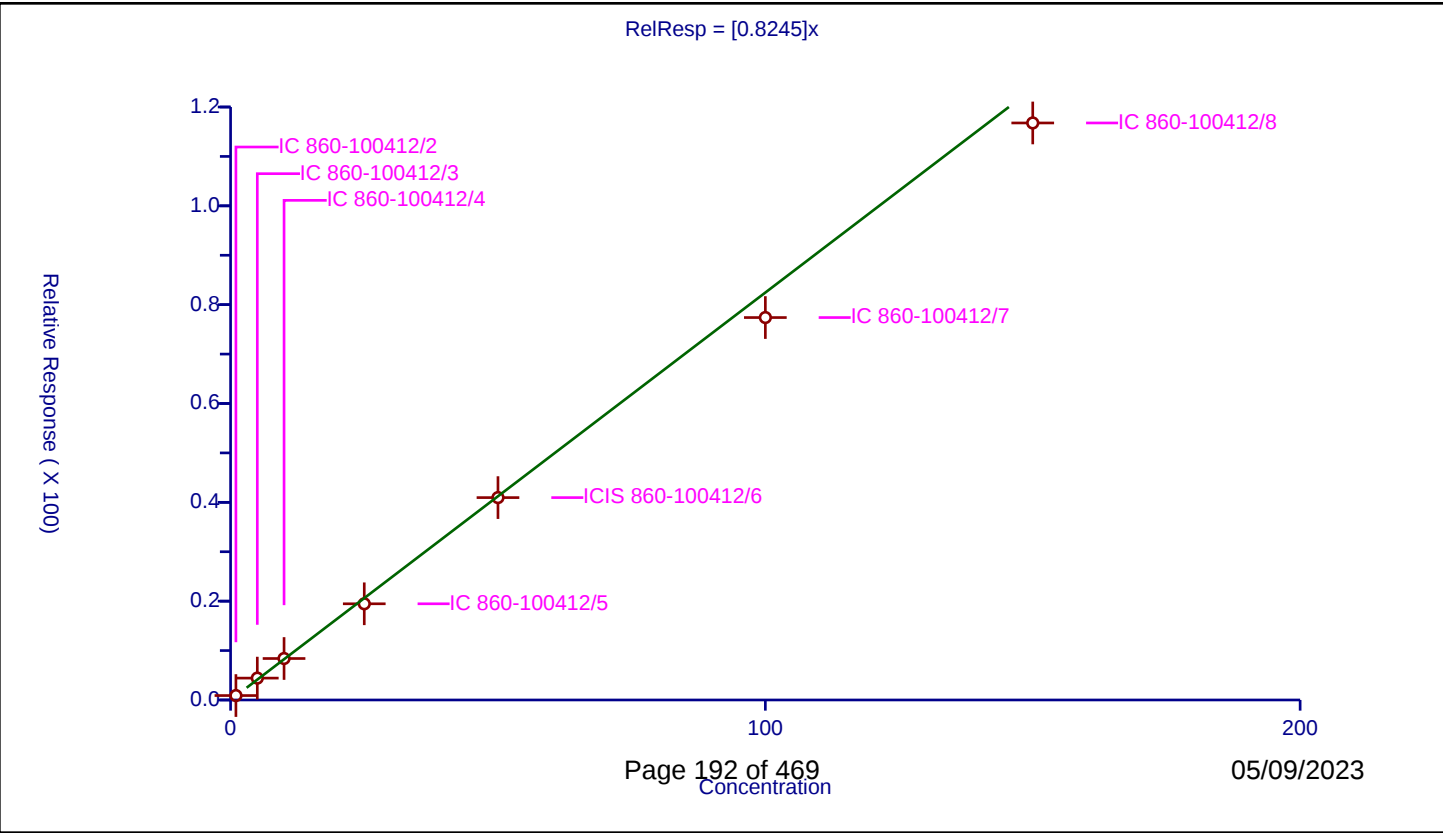
Calibration

/ 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:	0.8245
Error Coefficients	
Standard Error:	625000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.896517	50.0	512818.0	0.896517	Y
2	IC 860-100412/3	5.0	4.427142	50.0	513853.0	0.885428	Y
3	IC 860-100412/4	10.0	8.3942	50.0	507940.0	0.83942	Y
4	IC 860-100412/5	25.0	19.467062	50.0	534002.0	0.778682	Y
5	ICIS 860-100412/6	50.0	40.954475	50.0	524718.0	0.819089	Y
6	IC 860-100412/7	100.0	77.396152	50.0	509327.0	0.773962	Y
7	IC 860-100412/8	150.0	116.774891	50.0	521604.0	0.778499	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

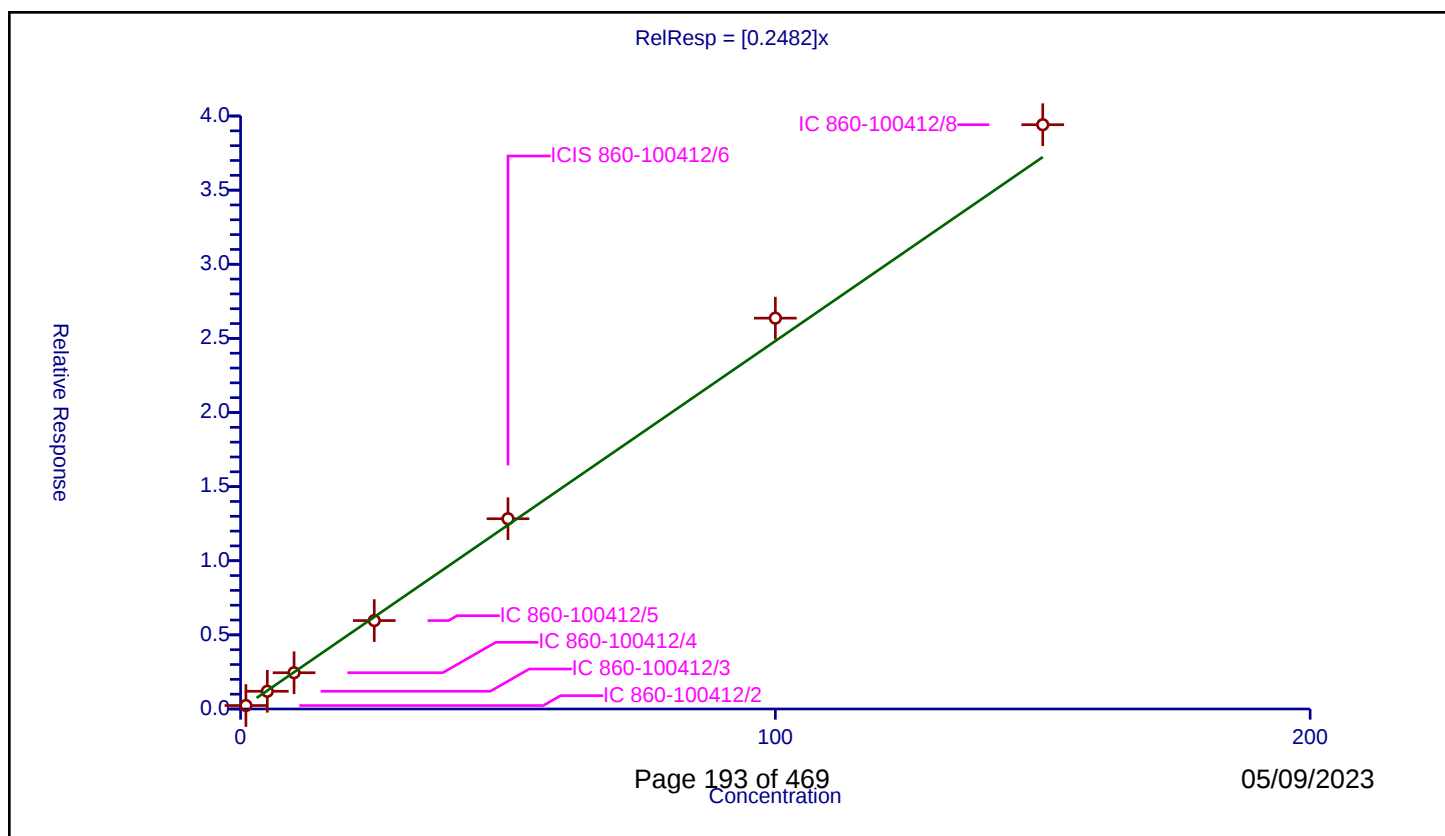
Curve Coefficients

Intercept: 0
Slope: 0.2482

Error Coefficients

Standard Error: 210000
Relative Standard Error: 5.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.232246	50.0	512818.0	0.232246	Y
2	IC 860-100412/3	5.0	1.194797	50.0	513853.0	0.238959	Y
3	IC 860-100412/4	10.0	2.446253	50.0	507940.0	0.244625	Y
4	IC 860-100412/5	25.0	5.964584	50.0	534002.0	0.238583	Y
5	ICIS 860-100412/6	50.0	12.834322	50.0	524718.0	0.256686	Y
6	IC 860-100412/7	100.0	26.364497	50.0	509327.0	0.263645	Y
7	IC 860-100412/8	150.0	39.413137	50.0	521604.0	0.262754	Y



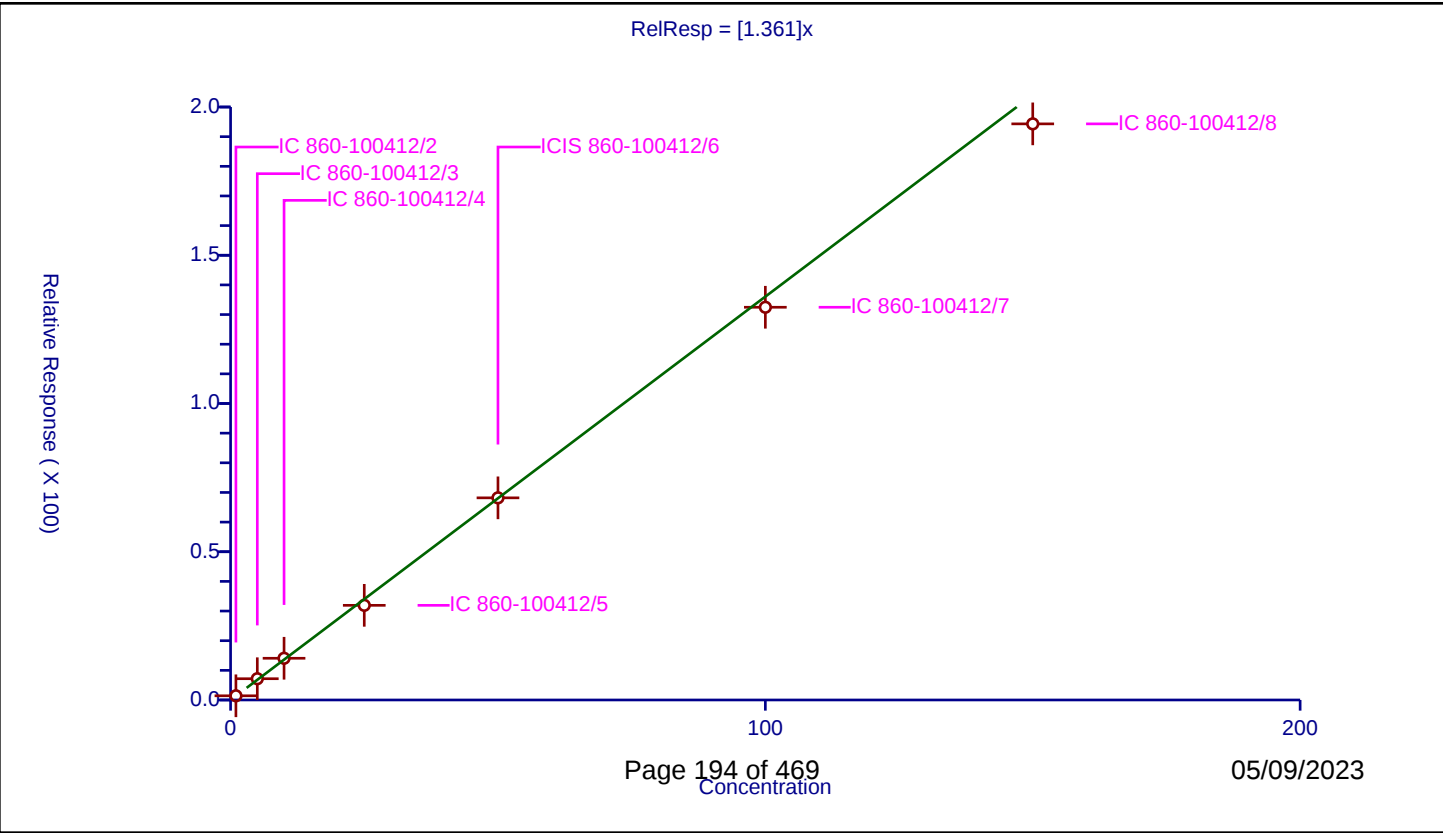
Calibration

/ 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:	1.361
Error Coefficients	
Standard Error:	1050000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.420387	50.0	512818.0	1.420387	Y
2	IC 860-100412/3	5.0	7.176663	50.0	513853.0	1.435333	Y
3	IC 860-100412/4	10.0	14.069674	50.0	507940.0	1.406967	Y
4	IC 860-100412/5	25.0	31.927409	50.0	534002.0	1.277096	Y
5	ICIS 860-100412/6	50.0	68.183386	50.0	524718.0	1.363668	Y
6	IC 860-100412/7	100.0	132.461857	50.0	509327.0	1.324619	Y
7	IC 860-100412/8	150.0	194.315803	50.0	521604.0	1.295439	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

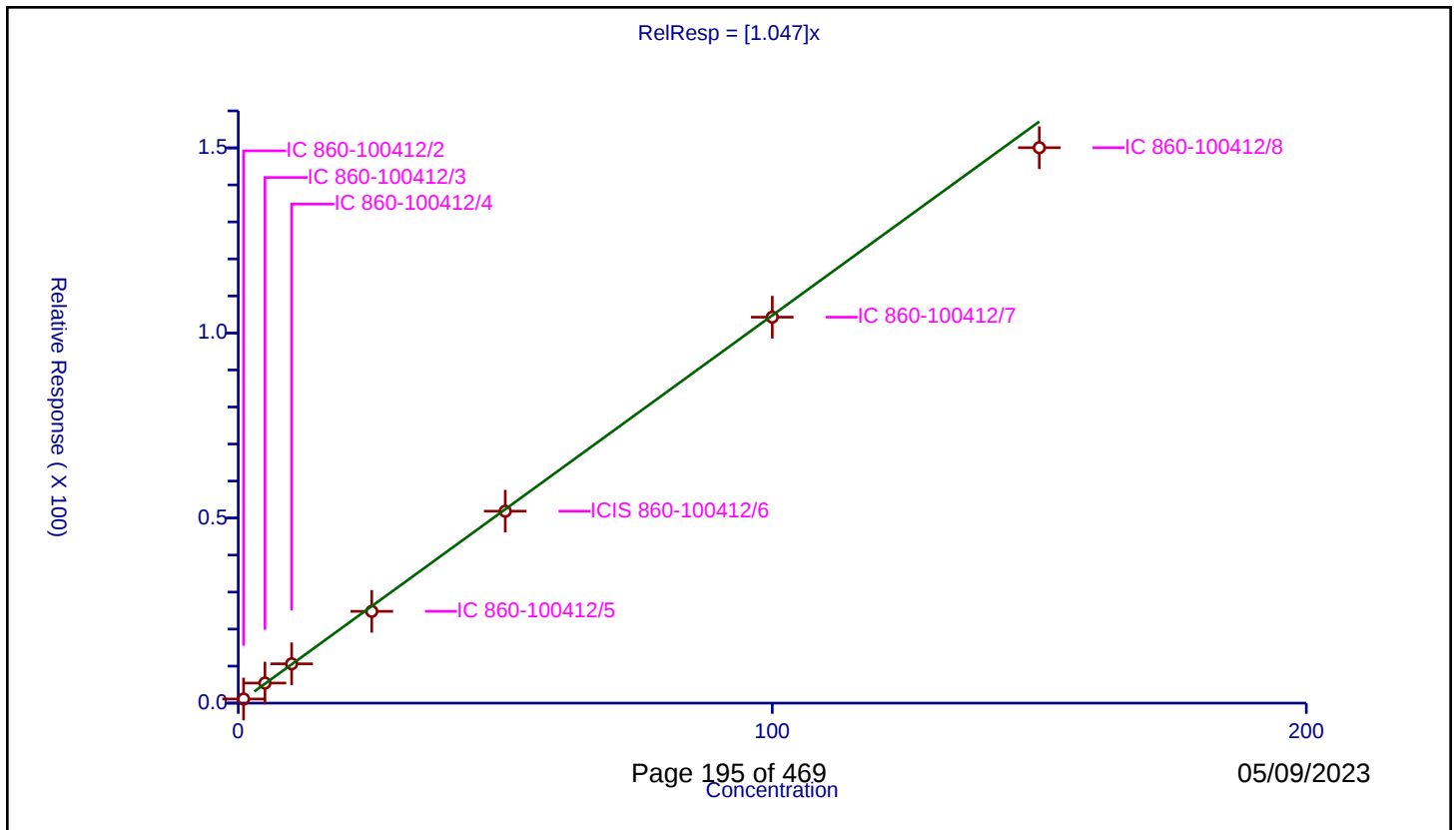
Curve Coefficients

Intercept: 0
Slope: 1.047

Error Coefficients

Standard Error: 812000
Relative Standard Error: 4.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.112968	50.0	512818.0	1.112968	Y
2	IC 860-100412/3	5.0	5.424217	50.0	513853.0	1.084843	Y
3	IC 860-100412/4	10.0	10.624188	50.0	507940.0	1.062419	Y
4	IC 860-100412/5	25.0	24.796536	50.0	534002.0	0.991861	Y
5	ICIS 860-100412/6	50.0	51.856807	50.0	524718.0	1.037136	Y
6	IC 860-100412/7	100.0	104.269556	50.0	509327.0	1.042696	Y
7	IC 860-100412/8	150.0	150.053489	50.0	521604.0	1.000357	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

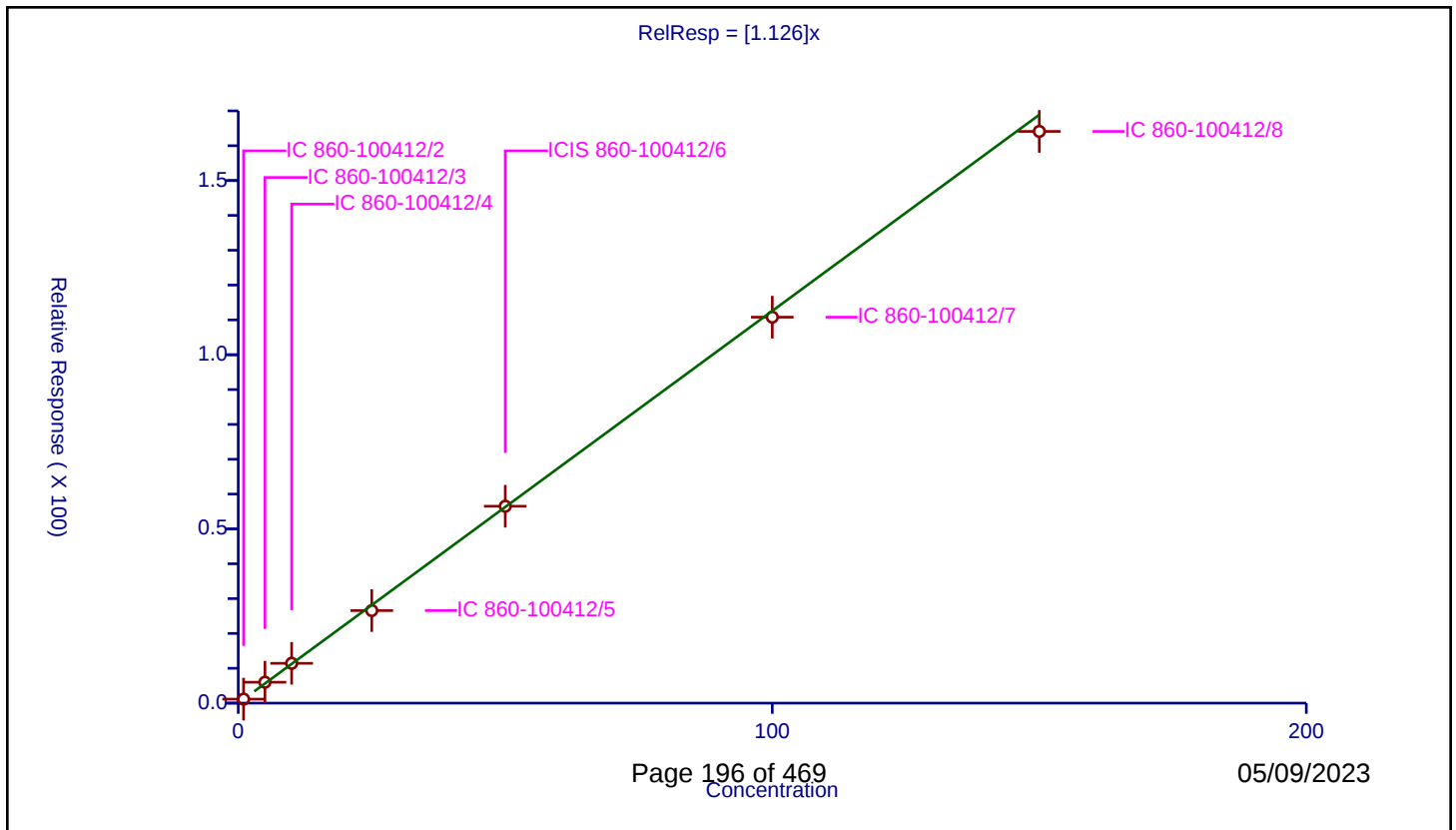
Curve Coefficients

Intercept: 0
Slope: 1.126

Error Coefficients

Standard Error: 881000
Relative Standard Error: 3.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.143681	50.0	512818.0	1.143681	Y
2	IC 860-100412/3	5.0	5.998311	50.0	513853.0	1.199662	Y
3	IC 860-100412/4	10.0	11.427925	50.0	507940.0	1.142792	Y
4	IC 860-100412/5	25.0	26.573215	50.0	534002.0	1.062929	Y
5	ICIS 860-100412/6	50.0	56.515309	50.0	524718.0	1.130306	Y
6	IC 860-100412/7	100.0	110.789238	50.0	509327.0	1.107892	Y
7	IC 860-100412/8	150.0	164.108979	50.0	521604.0	1.09406	Y



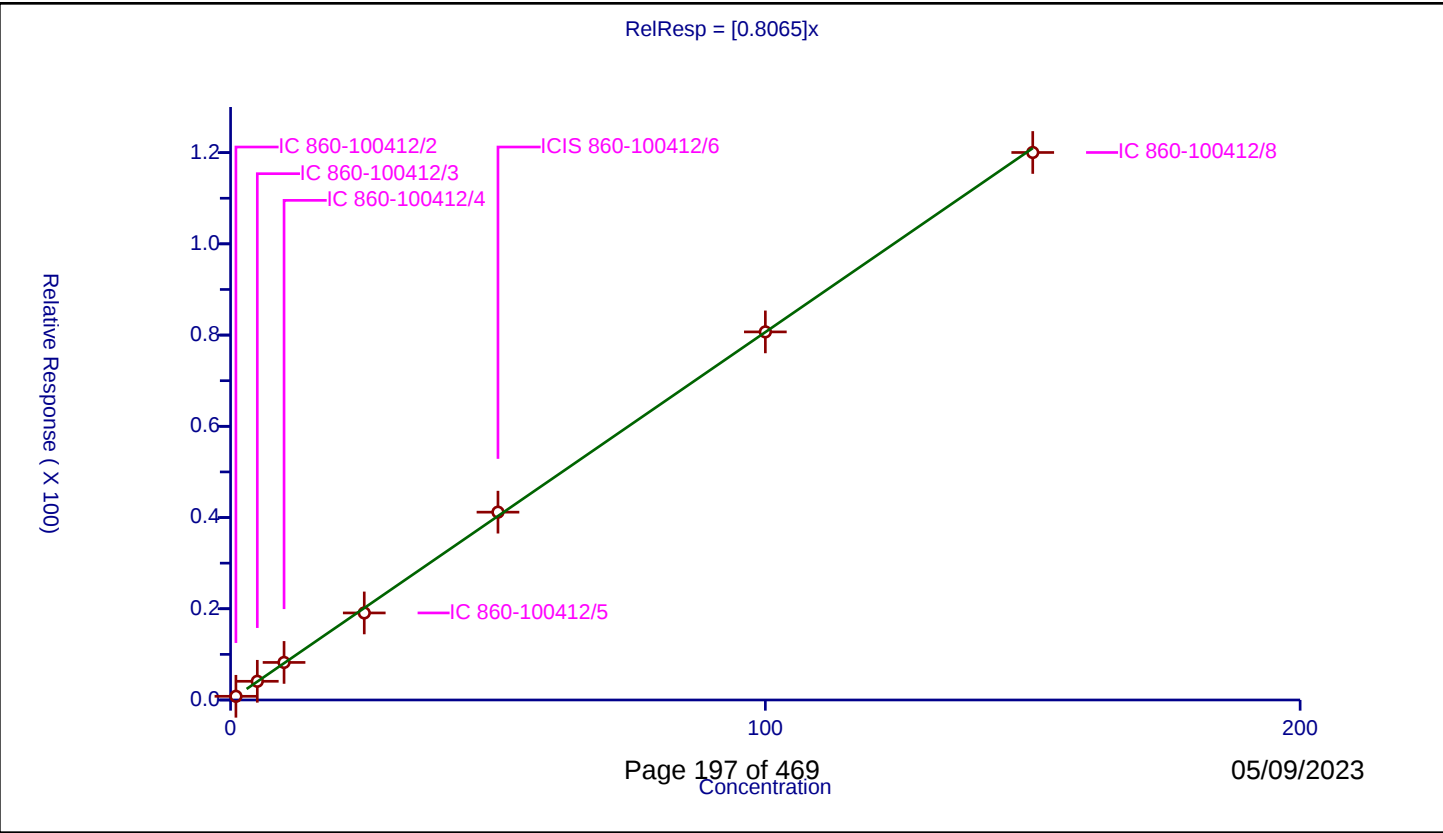
Calibration

/ 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:	0.8065
Error Coefficients	
Standard Error:	643000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.807694	50.0	512818.0	0.807694	Y
2	IC 860-100412/3	5.0	4.100394	50.0	513853.0	0.820079	Y
3	IC 860-100412/4	10.0	8.234732	50.0	507940.0	0.823473	Y
4	IC 860-100412/5	25.0	19.083262	50.0	534002.0	0.76333	Y
5	ICIS 860-100412/6	50.0	41.179548	50.0	524718.0	0.823591	Y
6	IC 860-100412/7	100.0	80.698157	50.0	509327.0	0.806982	Y
7	IC 860-100412/8	150.0	120.03426	50.0	521604.0	0.800228	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

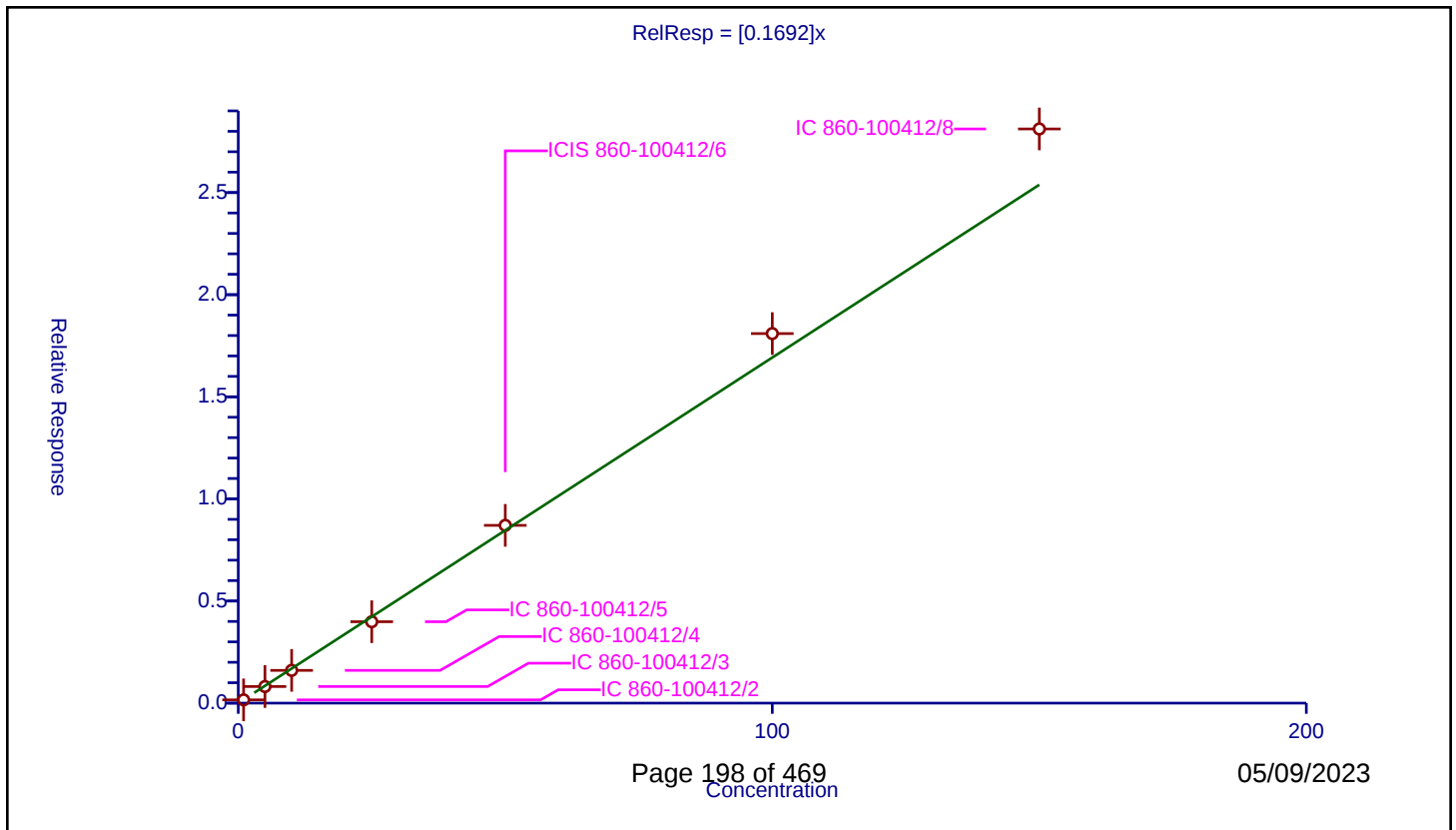
Curve Coefficients

Intercept: 0
Slope: 0.1692

Error Coefficients

Standard Error: 147000
Relative Standard Error: 6.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.159706	50.0	512818.0	0.159706	Y
2	IC 860-100412/3	5.0	0.812878	50.0	513853.0	0.162576	Y
3	IC 860-100412/4	10.0	1.603044	50.0	507940.0	0.160304	Y
4	IC 860-100412/5	25.0	3.986034	50.0	534002.0	0.159441	Y
5	ICIS 860-100412/6	50.0	8.704294	50.0	524718.0	0.174086	Y
6	IC 860-100412/7	100.0	18.095546	50.0	509327.0	0.180955	Y
7	IC 860-100412/8	150.0	28.115965	50.0	521604.0	0.18744	Y



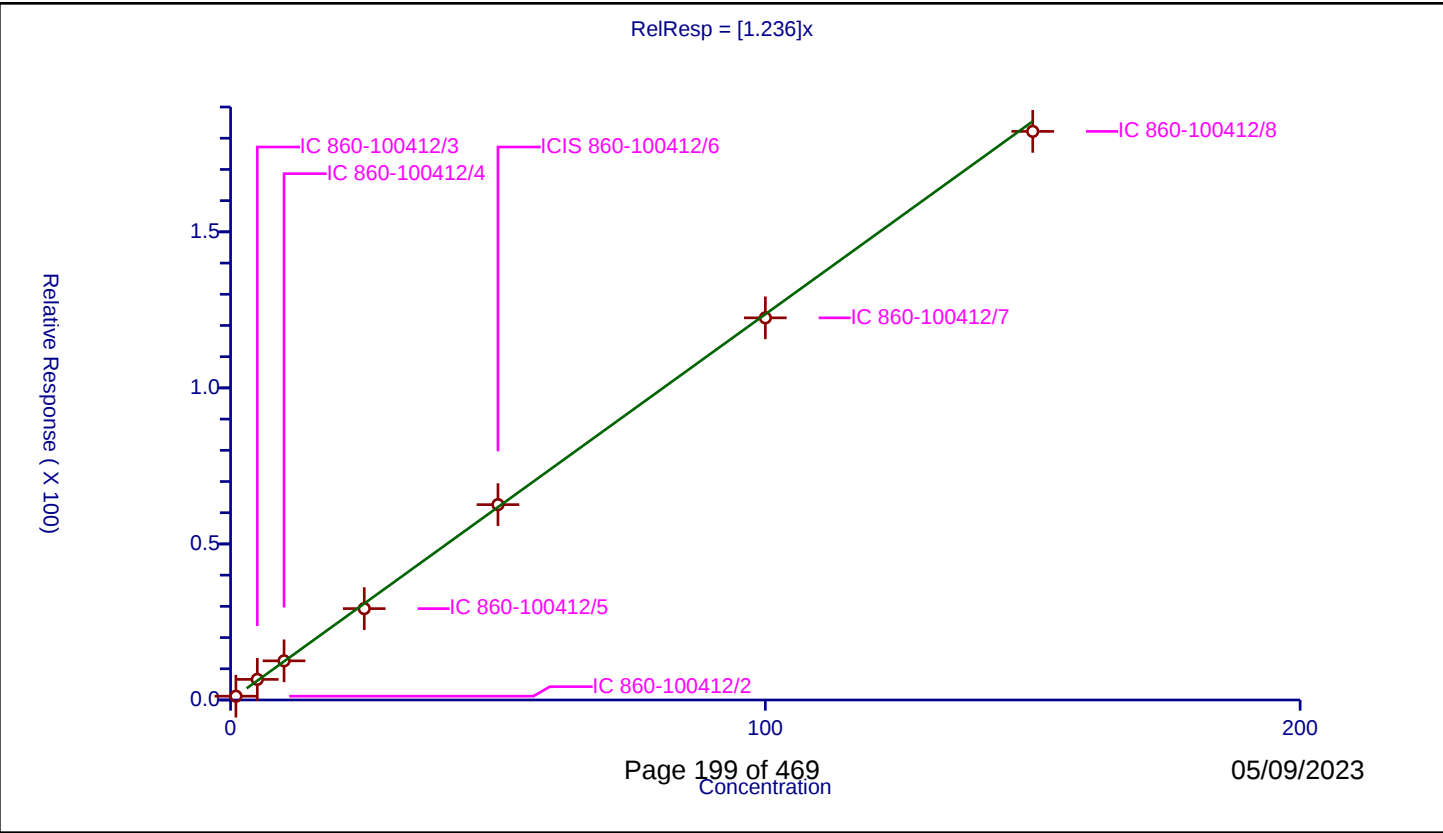
Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.236
Error Coefficients	
Standard Error:	976000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.215733	50.0	512818.0	1.215733	Y
2	IC 860-100412/3	5.0	6.598774	50.0	513853.0	1.319755	Y
3	IC 860-100412/4	10.0	12.550695	50.0	507940.0	1.255069	Y
4	IC 860-100412/5	25.0	29.27901	50.0	534002.0	1.17116	Y
5	ICIS 860-100412/6	50.0	62.592288	50.0	524718.0	1.251846	Y
6	IC 860-100412/7	100.0	122.445011	50.0	509327.0	1.22445	Y
7	IC 860-100412/8	150.0	182.187349	50.0	521604.0	1.214582	Y



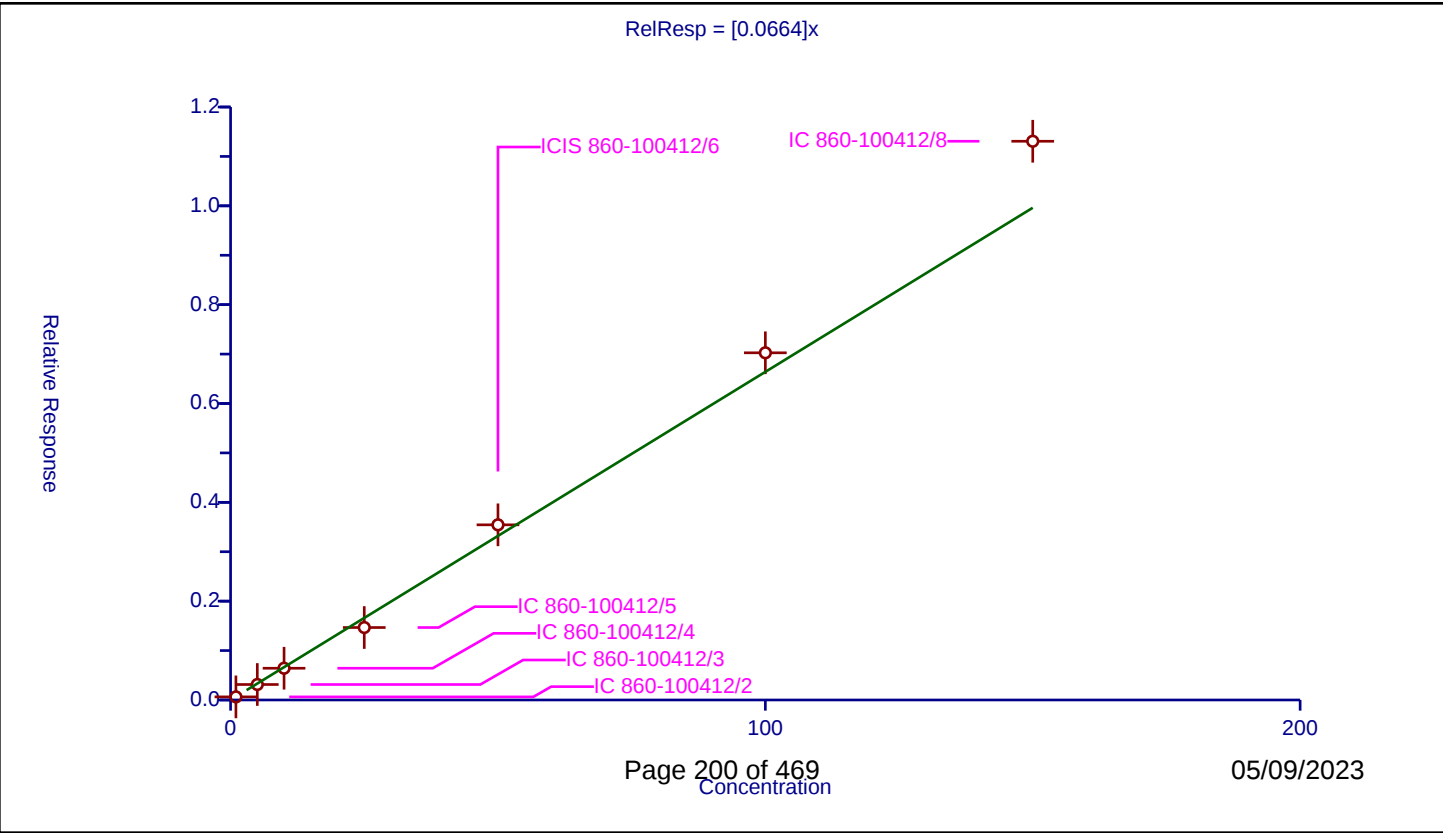
Calibration

/ cis-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:	0.0664
Error Coefficients	
Standard Error:	58800
Relative Standard Error:	8.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.062693	50.0	512818.0	0.062693	Y
2	IC 860-100412/3	5.0	0.313416	50.0	513853.0	0.062683	Y
3	IC 860-100412/4	10.0	0.642497	50.0	507940.0	0.06425	Y
4	IC 860-100412/5	25.0	1.466755	50.0	534002.0	0.05867	Y
5	ICIS 860-100412/6	50.0	3.544475	50.0	524718.0	0.07089	Y
6	IC 860-100412/7	100.0	7.02584	50.0	509327.0	0.070258	Y
7	IC 860-100412/8	150.0	11.307141	50.0	521604.0	0.075381	Y



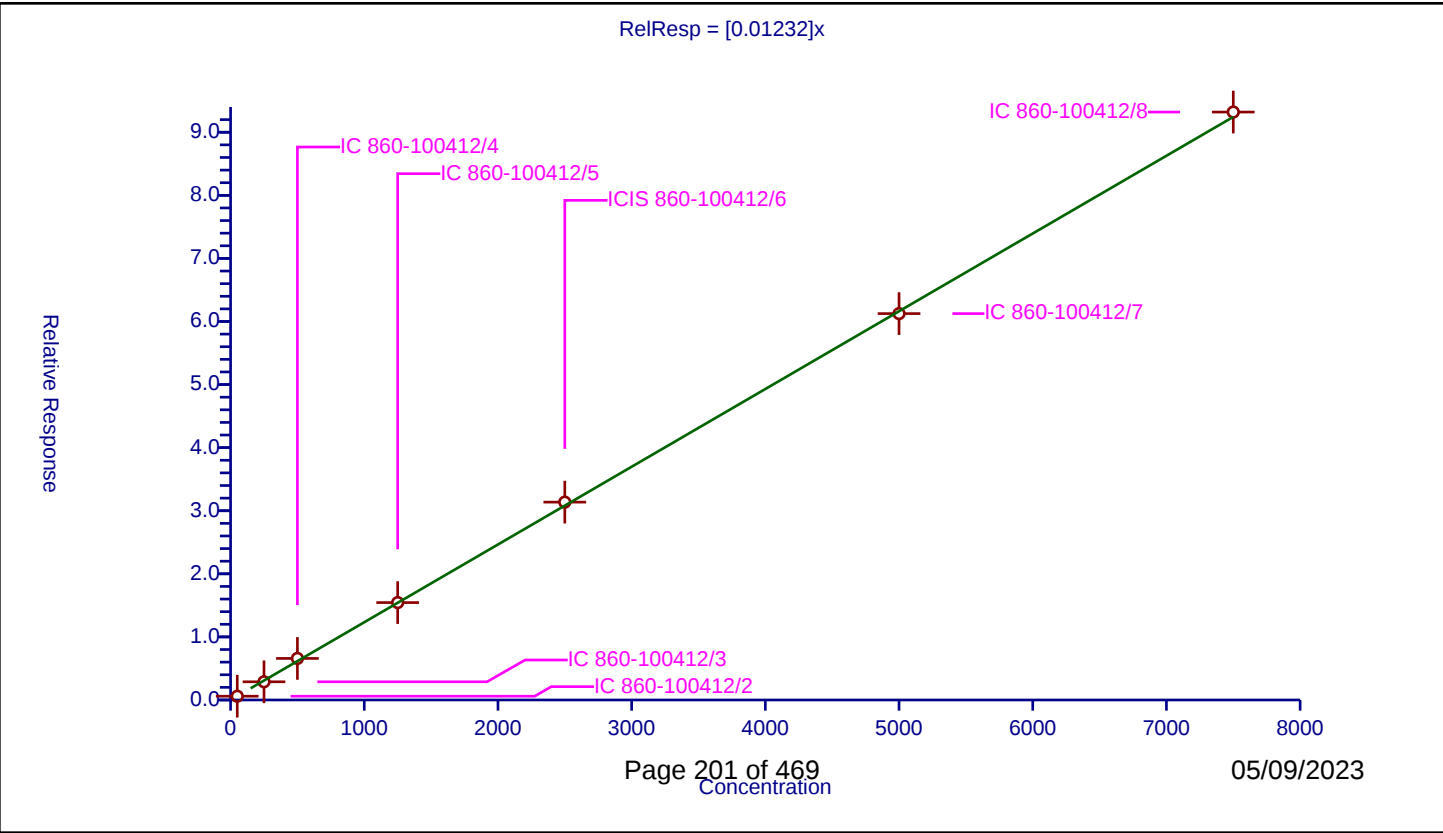
Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01232
Error Coefficients	
Standard Error:	496000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	50.0	0.598653	50.0	512818.0	0.011973	Y
2	IC 860-100412/3	250.0	2.885845	50.0	513853.0	0.011543	Y
3	IC 860-100412/4	500.0	6.590247	50.0	507940.0	0.01318	Y
4	IC 860-100412/5	1250.0	15.438987	50.0	534002.0	0.012351	Y
5	ICIS 860-100412/6	2500.0	31.363323	50.0	524718.0	0.012545	Y
6	IC 860-100412/7	5000.0	61.252594	50.0	509327.0	0.012251	Y
7	IC 860-100412/8	7500.0	93.202027	50.0	521604.0	0.012427	Y



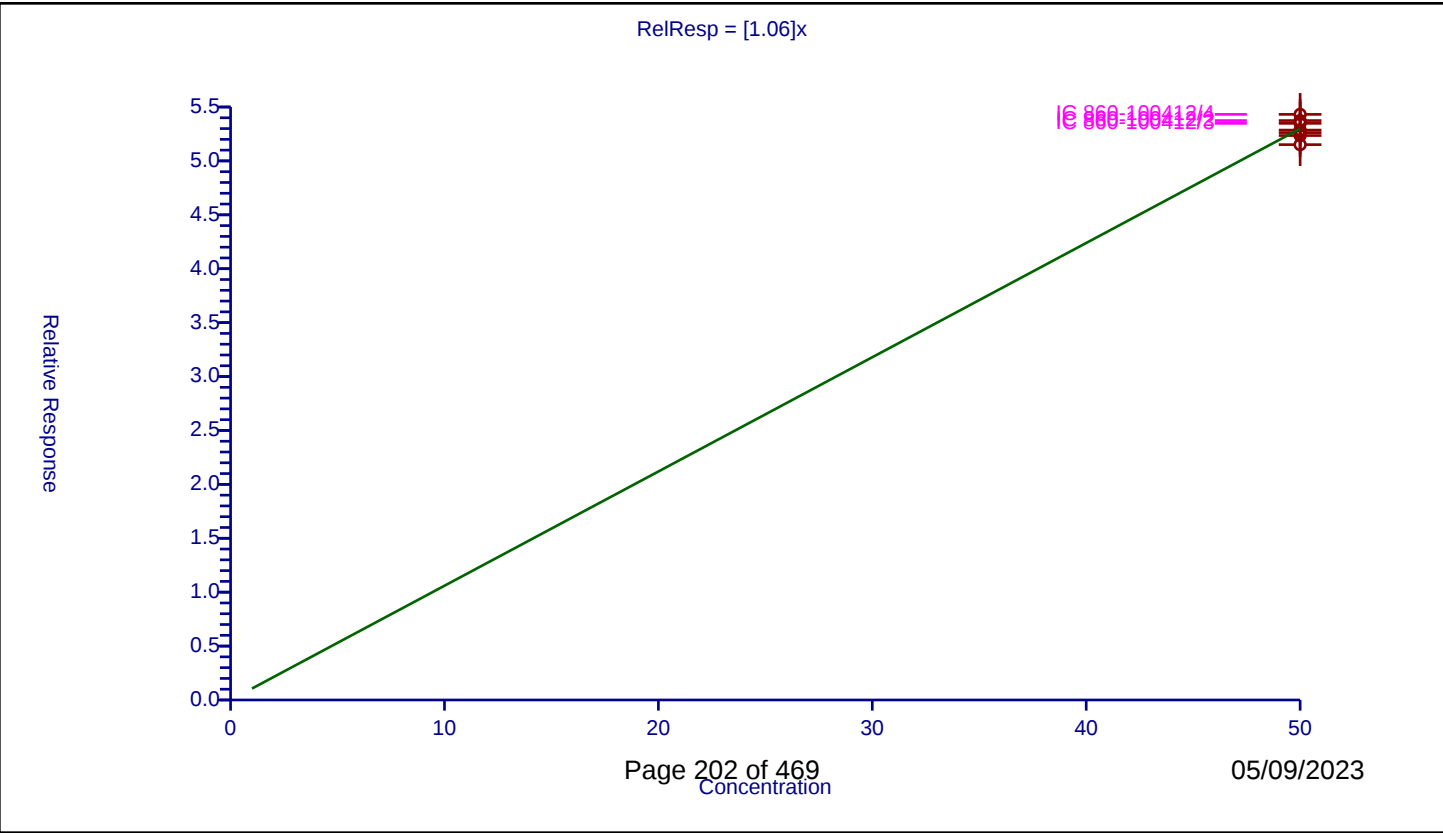
Calibration

/ 4-Bromofluorobenzene (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:	1.06
Error Coefficients	
Standard Error:	291000
Relative Standard Error:	1.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	50.0	53.743025	50.0	240848.0	1.07486	Y
2	IC 860-100412/3	50.0	53.483955	50.0	245583.0	1.069679	Y
3	IC 860-100412/4	50.0	54.317214	50.0	243224.0	1.086344	Y
4	IC 860-100412/5	50.0	52.859938	50.0	259656.0	1.057199	Y
5	ICIS 860-100412/6	50.0	52.62578	50.0	263217.0	1.052516	Y
6	IC 860-100412/7	50.0	52.354656	50.0	259316.0	1.047093	Y
7	IC 860-100412/8	50.0	51.511139	50.0	267315.0	1.030223	Y



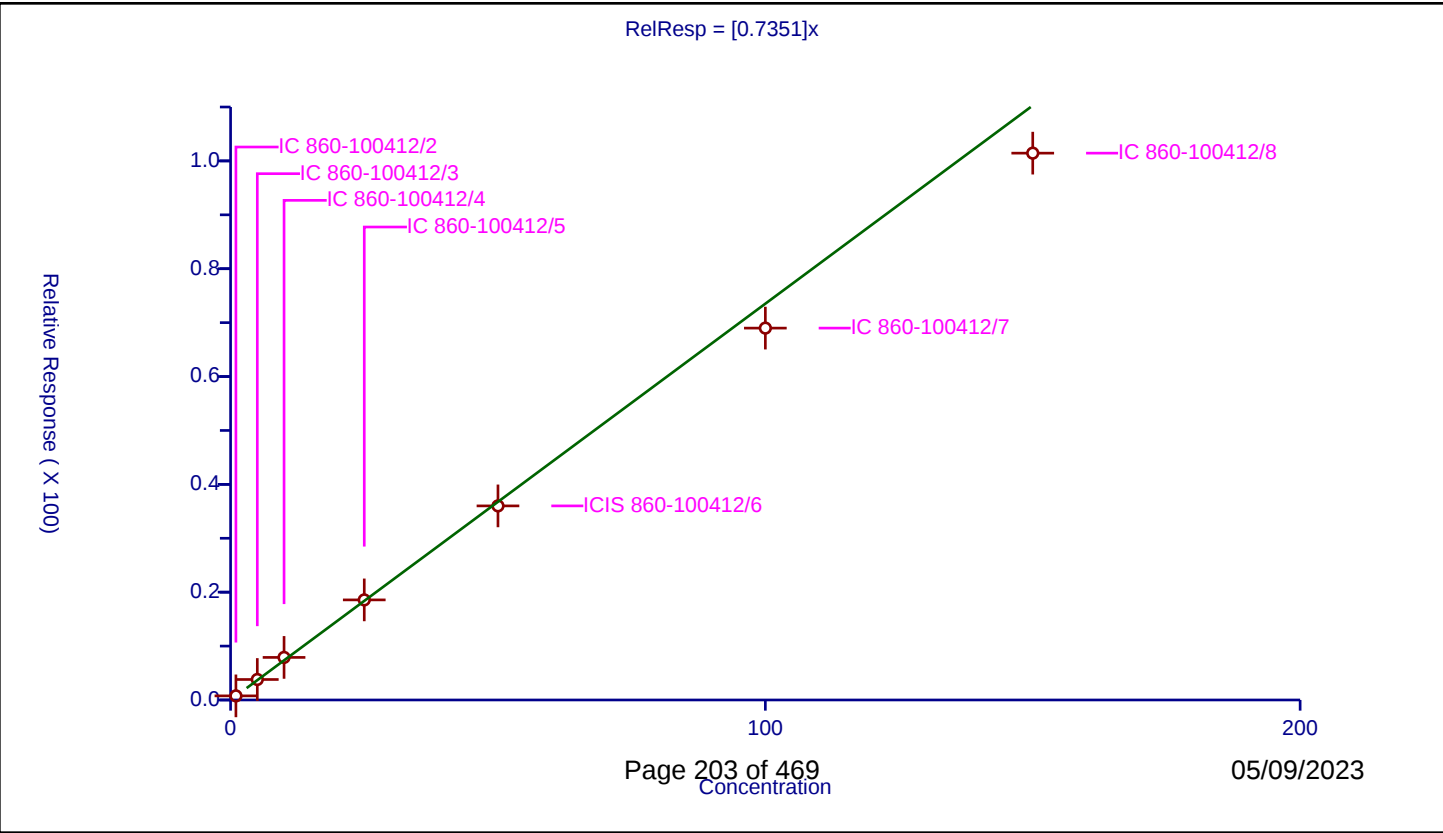
Calibration

/ 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:	0.7351
Error Coefficients	
Standard Error:	280000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.766459	50.0	240848.0	0.766459	Y
2	IC 860-100412/3	5.0	3.802991	50.0	245583.0	0.760598	Y
3	IC 860-100412/4	10.0	7.899714	50.0	243224.0	0.789971	Y
4	IC 860-100412/5	25.0	18.566873	50.0	259656.0	0.742675	Y
5	ICIS 860-100412/6	50.0	36.007553	50.0	263217.0	0.720151	Y
6	IC 860-100412/7	100.0	68.986102	50.0	259316.0	0.689861	Y
7	IC 860-100412/8	150.0	101.443989	50.0	267315.0	0.676293	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

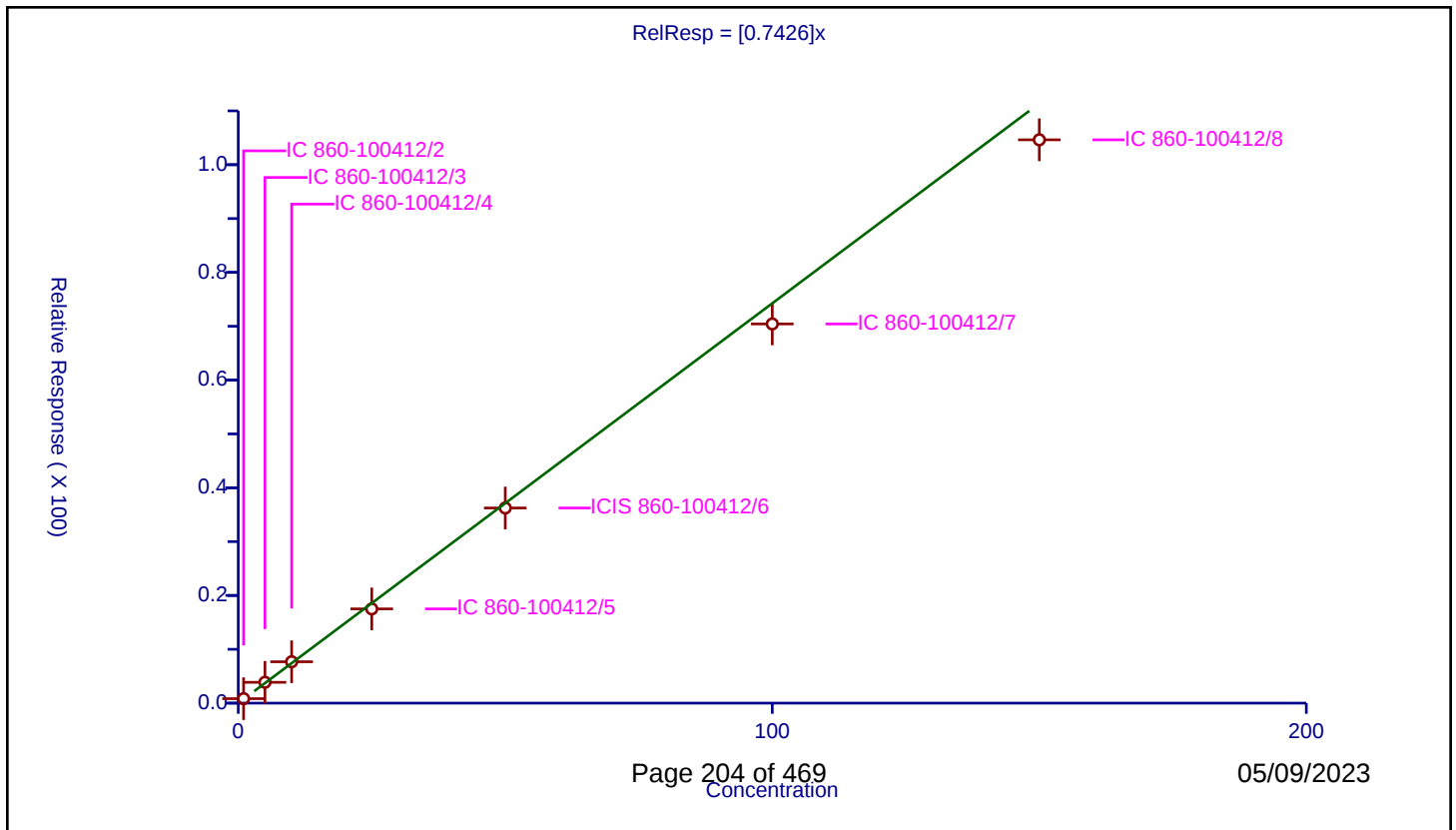
Curve Coefficients

Intercept: 0
Slope: 0.7426

Error Coefficients

Standard Error: 287000
Relative Standard Error: 6.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.829569	50.0	240848.0	0.829569	Y
2	IC 860-100412/3	5.0	3.866514	50.0	245583.0	0.773303	Y
3	IC 860-100412/4	10.0	7.68263	50.0	243224.0	0.768263	Y
4	IC 860-100412/5	25.0	17.504506	50.0	259656.0	0.70018	Y
5	ICIS 860-100412/6	50.0	36.24196	50.0	263217.0	0.724839	Y
6	IC 860-100412/7	100.0	70.429515	50.0	259316.0	0.704295	Y
7	IC 860-100412/8	150.0	104.62937	50.0	267315.0	0.697529	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

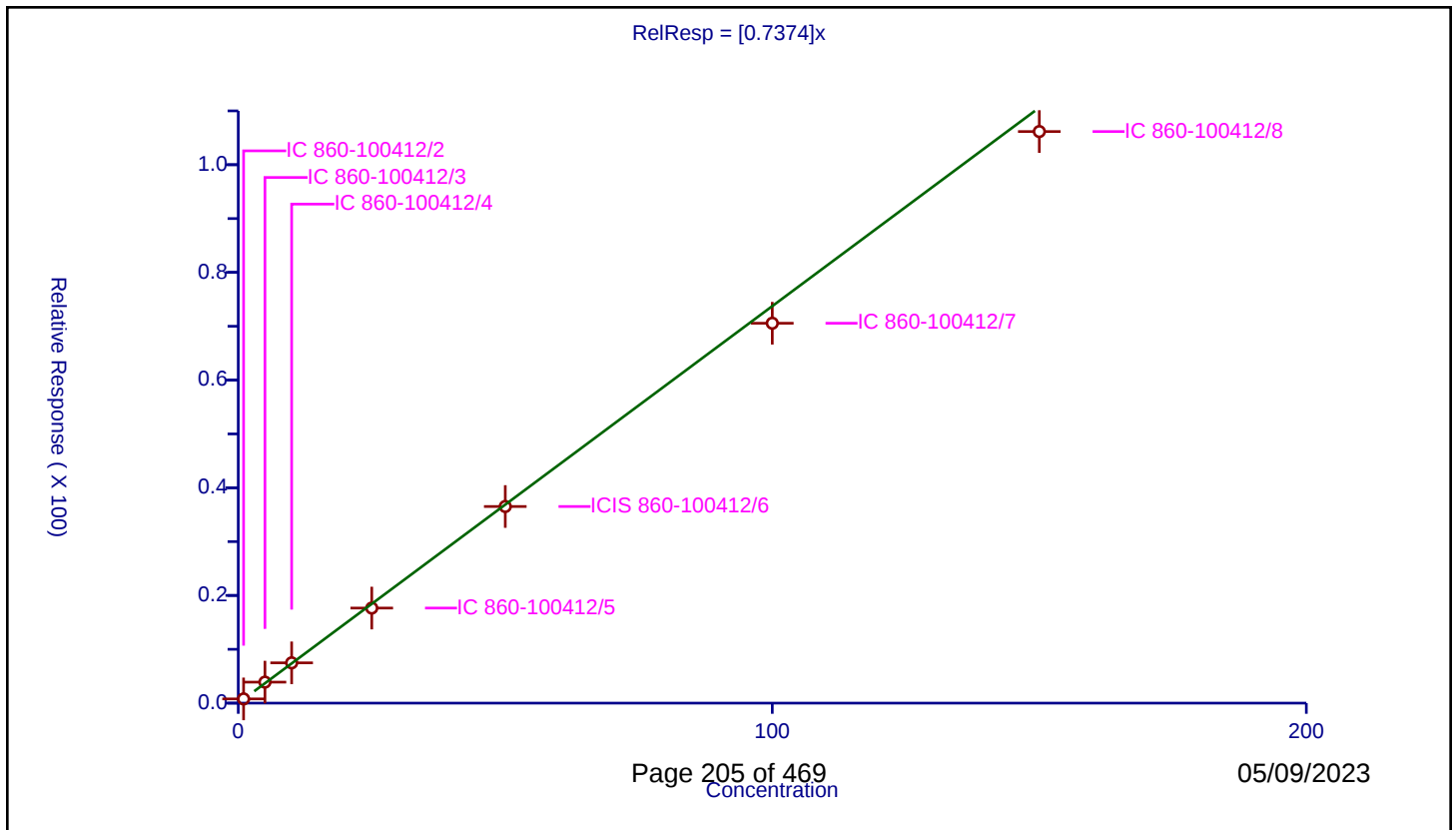
Curve Coefficients

Intercept: 0
Slope: 0.7374

Error Coefficients

Standard Error: 290000
Relative Standard Error: 4.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.783897	50.0	240848.0	0.783897	Y
2	IC 860-100412/3	5.0	3.898275	50.0	245583.0	0.779655	Y
3	IC 860-100412/4	10.0	7.479936	50.0	243224.0	0.747994	Y
4	IC 860-100412/5	25.0	17.657786	50.0	259656.0	0.706311	Y
5	ICIS 860-100412/6	50.0	36.518728	50.0	263217.0	0.730375	Y
6	IC 860-100412/7	100.0	70.559086	50.0	259316.0	0.705591	Y
7	IC 860-100412/8	150.0	106.162767	50.0	267315.0	0.707752	Y



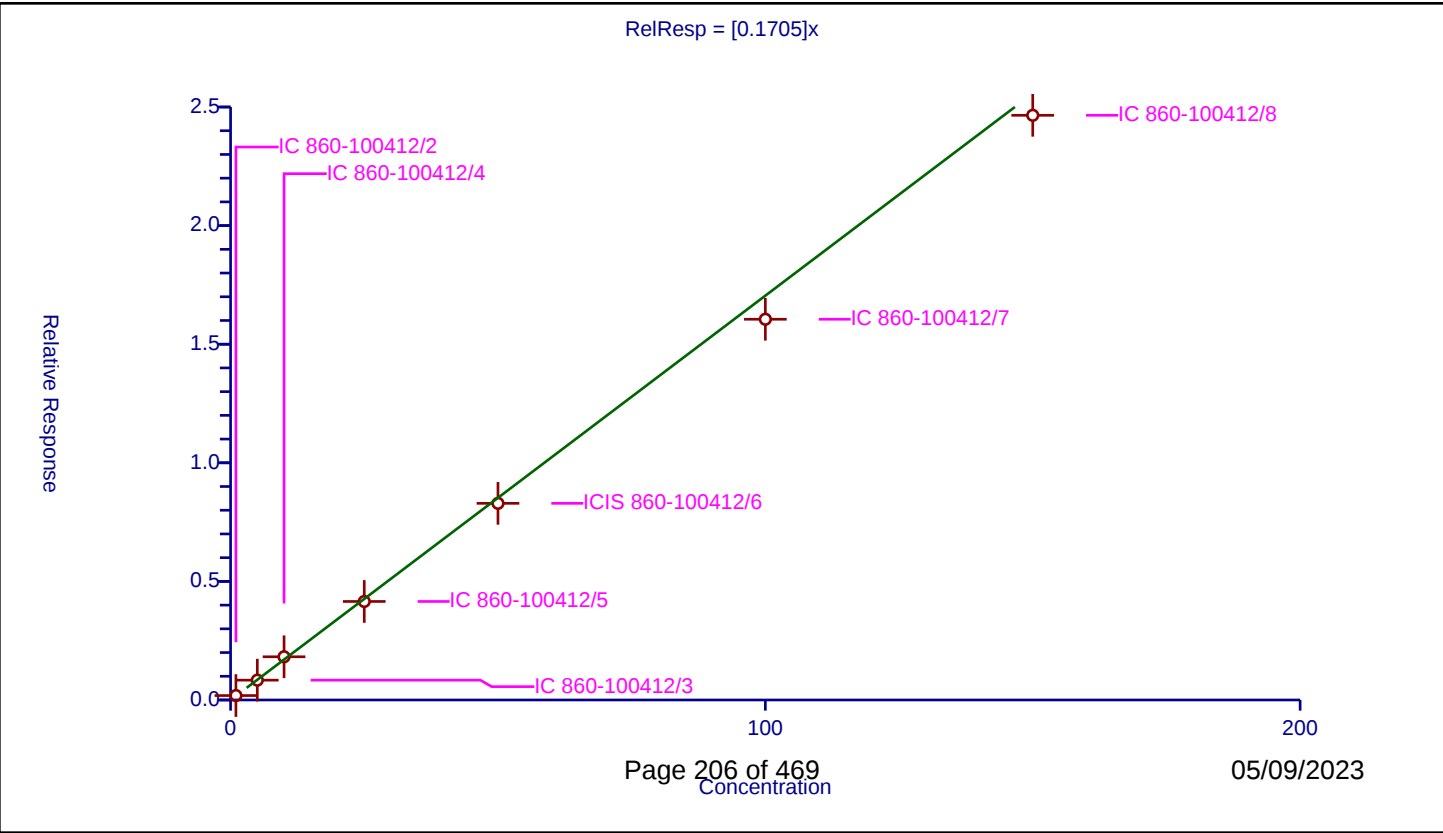
Calibration

/ 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:	0.1705
Error Coefficients	
Standard Error:	66800
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.187047	50.0	240848.0	0.187047	Y
2	IC 860-100412/3	5.0	0.836174	50.0	245583.0	0.167235	Y
3	IC 860-100412/4	10.0	1.821366	50.0	243224.0	0.182137	Y
4	IC 860-100412/5	25.0	4.153572	50.0	259656.0	0.166143	Y
5	ICIS 860-100412/6	50.0	8.291258	50.0	263217.0	0.165825	Y
6	IC 860-100412/7	100.0	16.052037	50.0	259316.0	0.16052	Y
7	IC 860-100412/8	150.0	24.650506	50.0	267315.0	0.164337	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

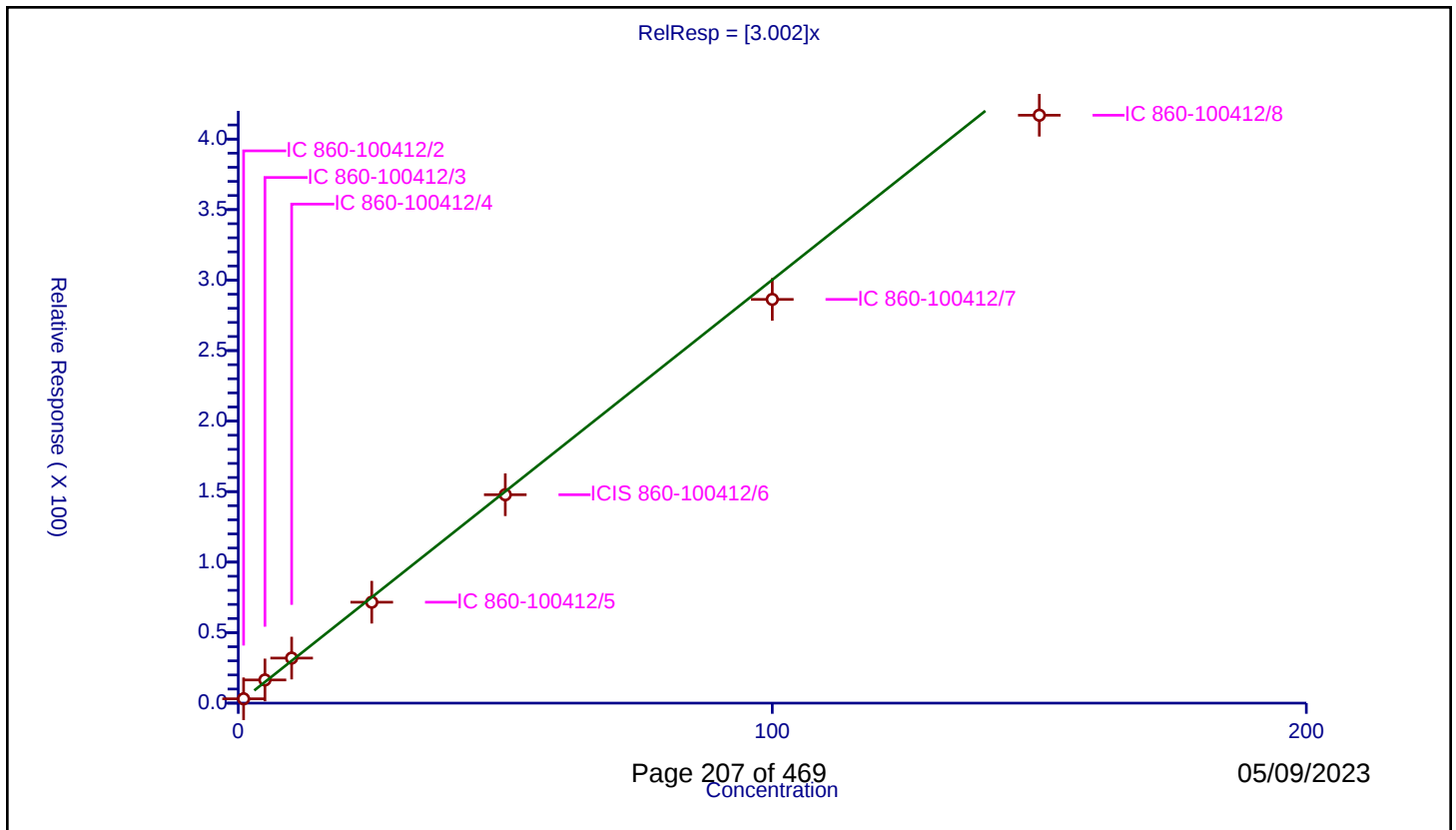
Curve Coefficients

Intercept: 0
Slope: 3.002

Error Coefficients

Standard Error: 1150000
Relative Standard Error: 6.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	3.068118	50.0	240848.0	3.068118	Y
2	IC 860-100412/3	5.0	16.450854	50.0	245583.0	3.290171	Y
3	IC 860-100412/4	10.0	31.948739	50.0	243224.0	3.194874	Y
4	IC 860-100412/5	25.0	71.568344	50.0	259656.0	2.862734	Y
5	ICIS 860-100412/6	50.0	147.783008	50.0	263217.0	2.95566	Y
6	IC 860-100412/7	100.0	286.31708	50.0	259316.0	2.863171	Y
7	IC 860-100412/8	150.0	416.924041	50.0	267315.0	2.779494	Y



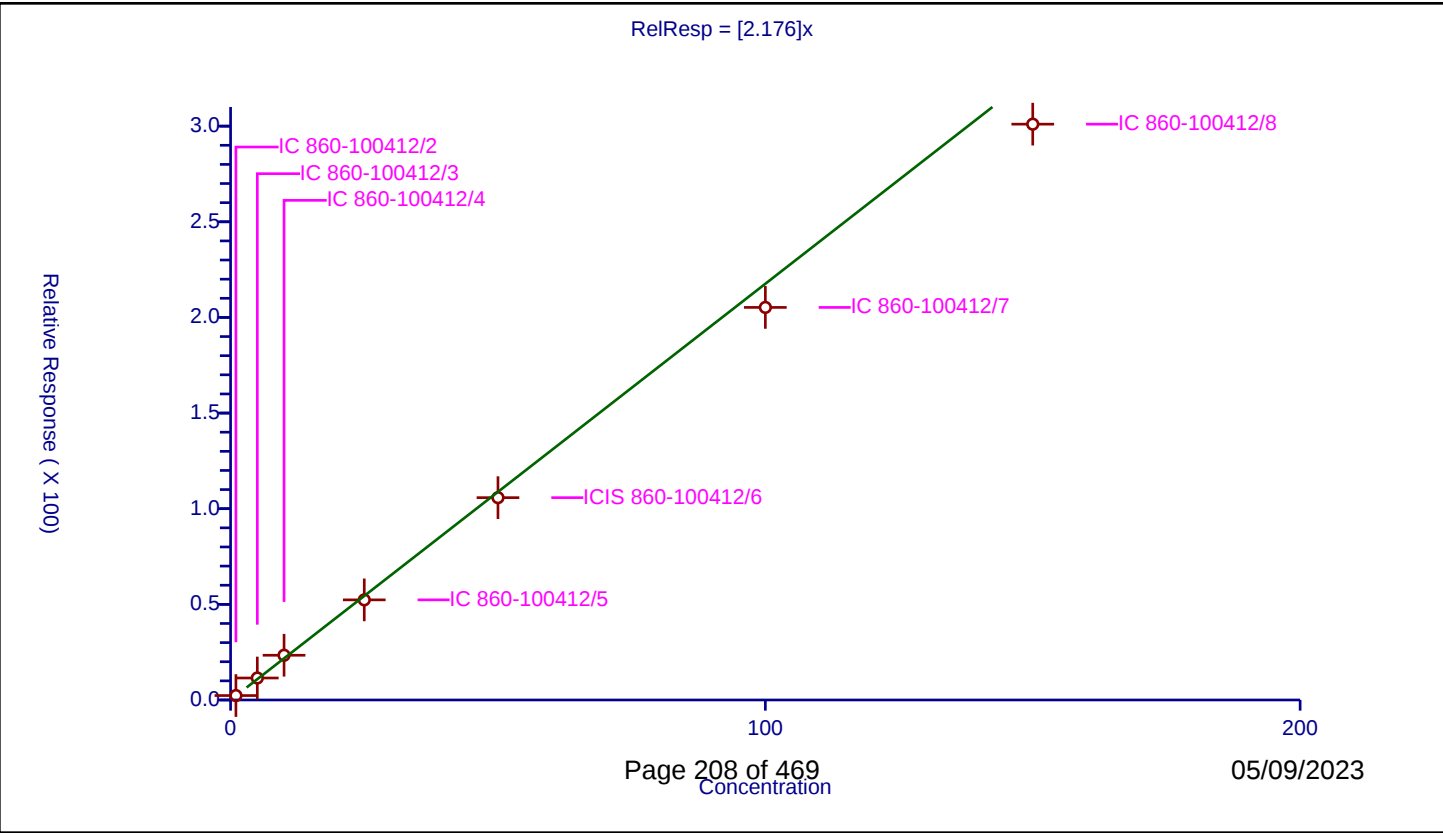
Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.176
Error Coefficients	
Standard Error:	829000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	2.326779	50.0	240848.0	2.326779	Y
2	IC 860-100412/3	5.0	11.49082	50.0	245583.0	2.298164	Y
3	IC 860-100412/4	10.0	23.381122	50.0	243224.0	2.338112	Y
4	IC 860-100412/5	25.0	52.341367	50.0	259656.0	2.093655	Y
5	ICIS 860-100412/6	50.0	105.772424	50.0	263217.0	2.115448	Y
6	IC 860-100412/7	100.0	205.229141	50.0	259316.0	2.052291	Y
7	IC 860-100412/8	150.0	301.034921	50.0	267315.0	2.006899	Y



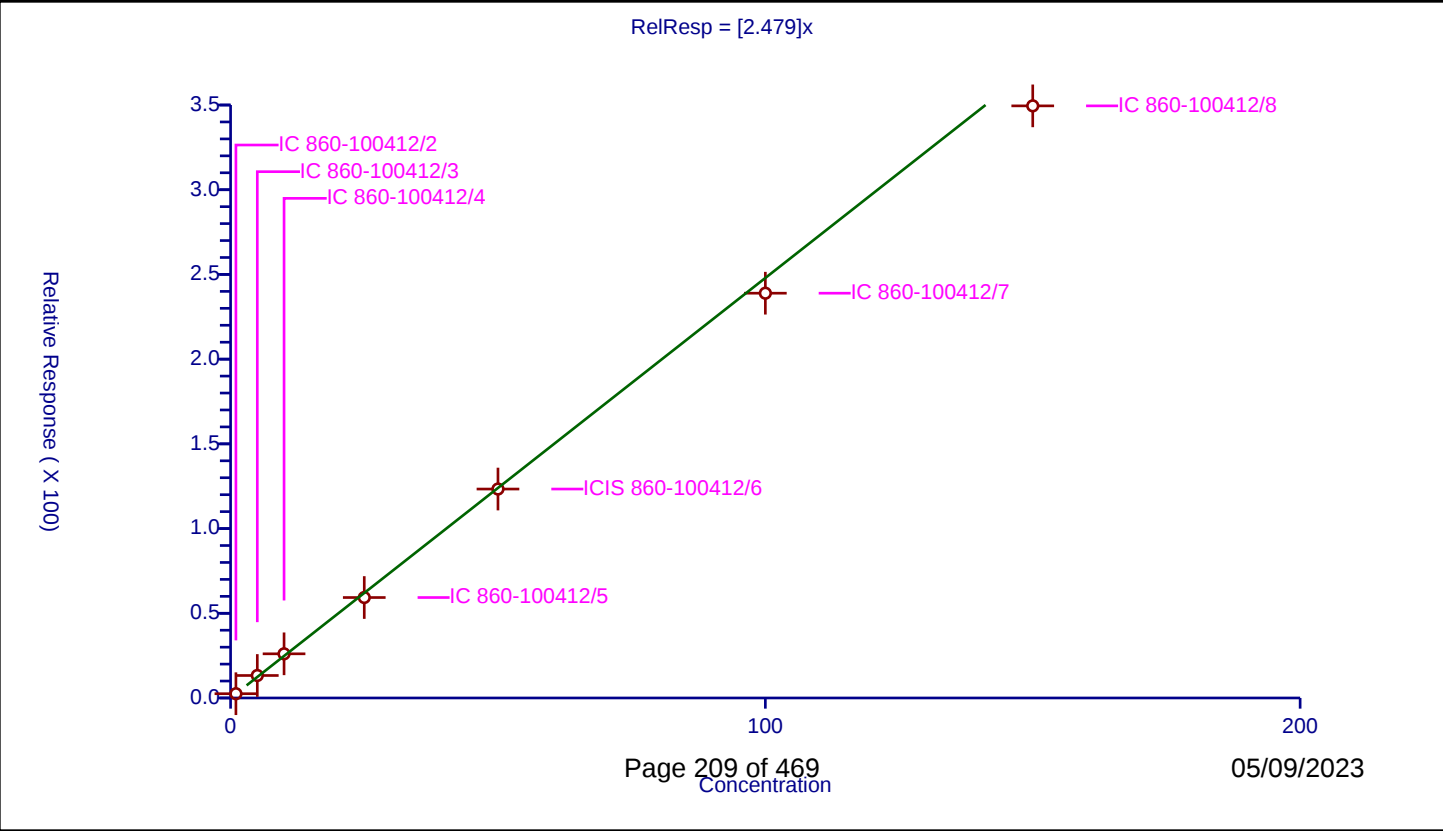
Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.479
Error Coefficients	
Standard Error:	963000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	2.533963	50.0	240848.0	2.533963	Y
2	IC 860-100412/3	5.0	13.277385	50.0	245583.0	2.655477	Y
3	IC 860-100412/4	10.0	26.067946	50.0	243224.0	2.606795	Y
4	IC 860-100412/5	25.0	59.307122	50.0	259656.0	2.372285	Y
5	ICIS 860-100412/6	50.0	123.3317	50.0	263217.0	2.466634	Y
6	IC 860-100412/7	100.0	238.917383	50.0	259316.0	2.389174	Y
7	IC 860-100412/8	150.0	349.498345	50.0	267315.0	2.329989	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

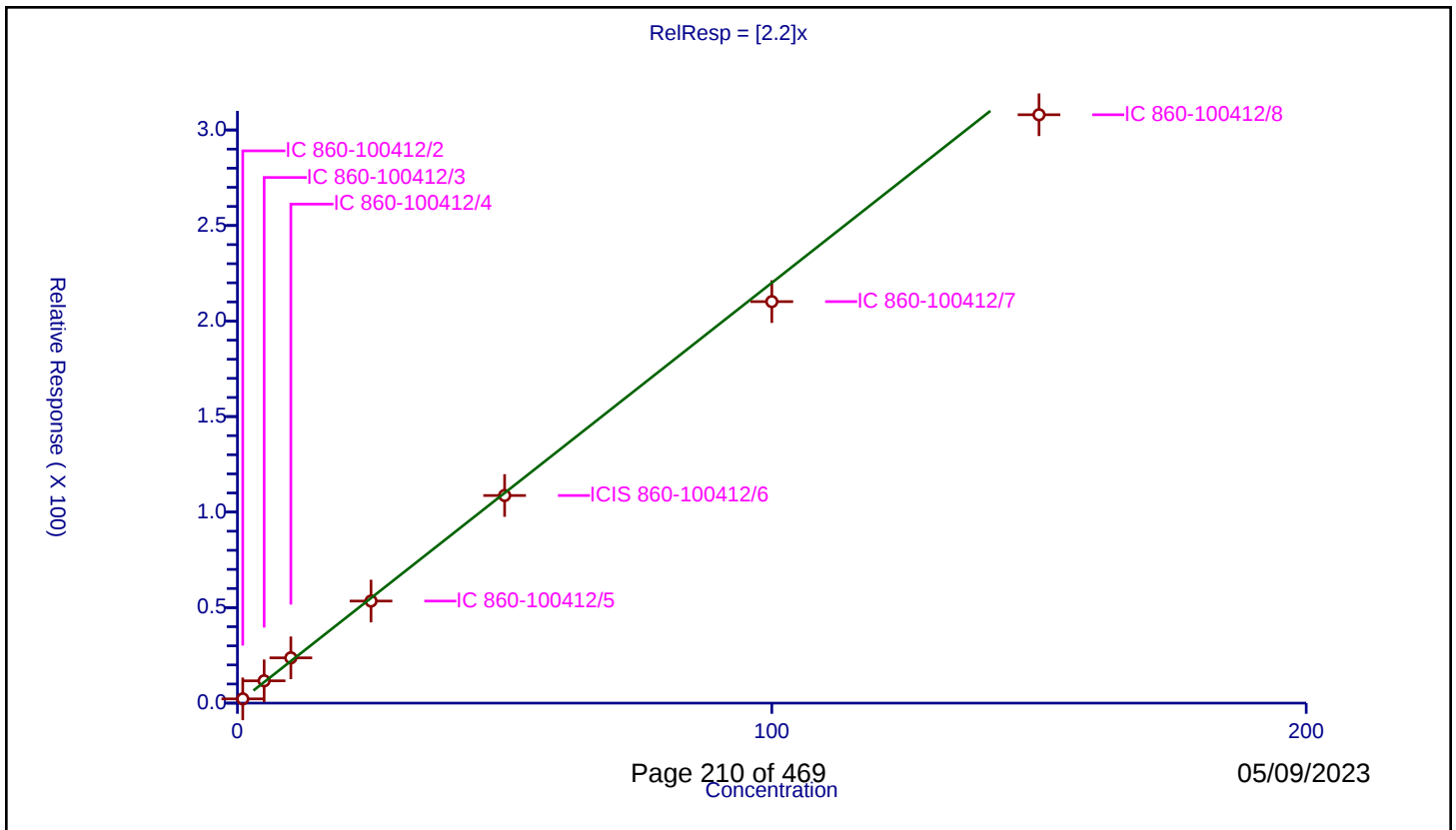
Curve Coefficients

Intercept: 0
Slope: 2.2

Error Coefficients

Standard Error: 848000
Relative Standard Error: 5.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	2.227546	50.0	240848.0	2.227546	Y
2	IC 860-100412/3	5.0	11.679962	50.0	245583.0	2.335992	Y
3	IC 860-100412/4	10.0	23.712915	50.0	243224.0	2.371291	Y
4	IC 860-100412/5	25.0	53.432233	50.0	259656.0	2.137289	Y
5	ICIS 860-100412/6	50.0	108.675352	50.0	263217.0	2.173507	Y
6	IC 860-100412/7	100.0	210.17176	50.0	259316.0	2.101718	Y
7	IC 860-100412/8	150.0	307.978228	50.0	267315.0	2.053188	Y



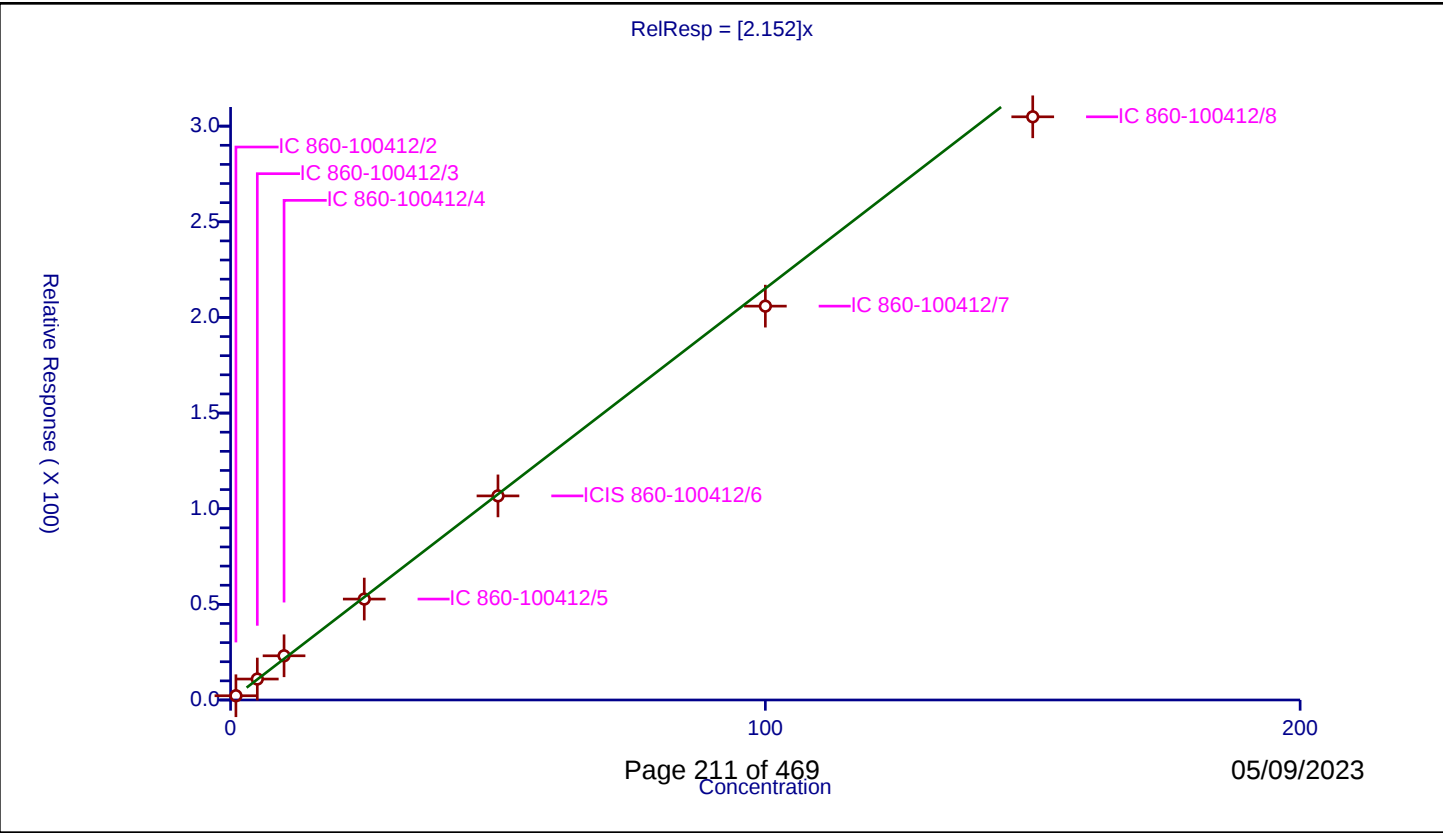
Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.152
Error Coefficients	
Standard Error:	837000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	2.224224	50.0	240848.0	2.224224	Y
2	IC 860-100412/3	5.0	10.94803	50.0	245583.0	2.189606	Y
3	IC 860-100412/4	10.0	23.110589	50.0	243224.0	2.311059	Y
4	IC 860-100412/5	25.0	52.759805	50.0	259656.0	2.110392	Y
5	ICIS 860-100412/6	50.0	106.699035	50.0	263217.0	2.133981	Y
6	IC 860-100412/7	100.0	205.898402	50.0	259316.0	2.058984	Y
7	IC 860-100412/8	150.0	304.887118	50.0	267315.0	2.032581	Y



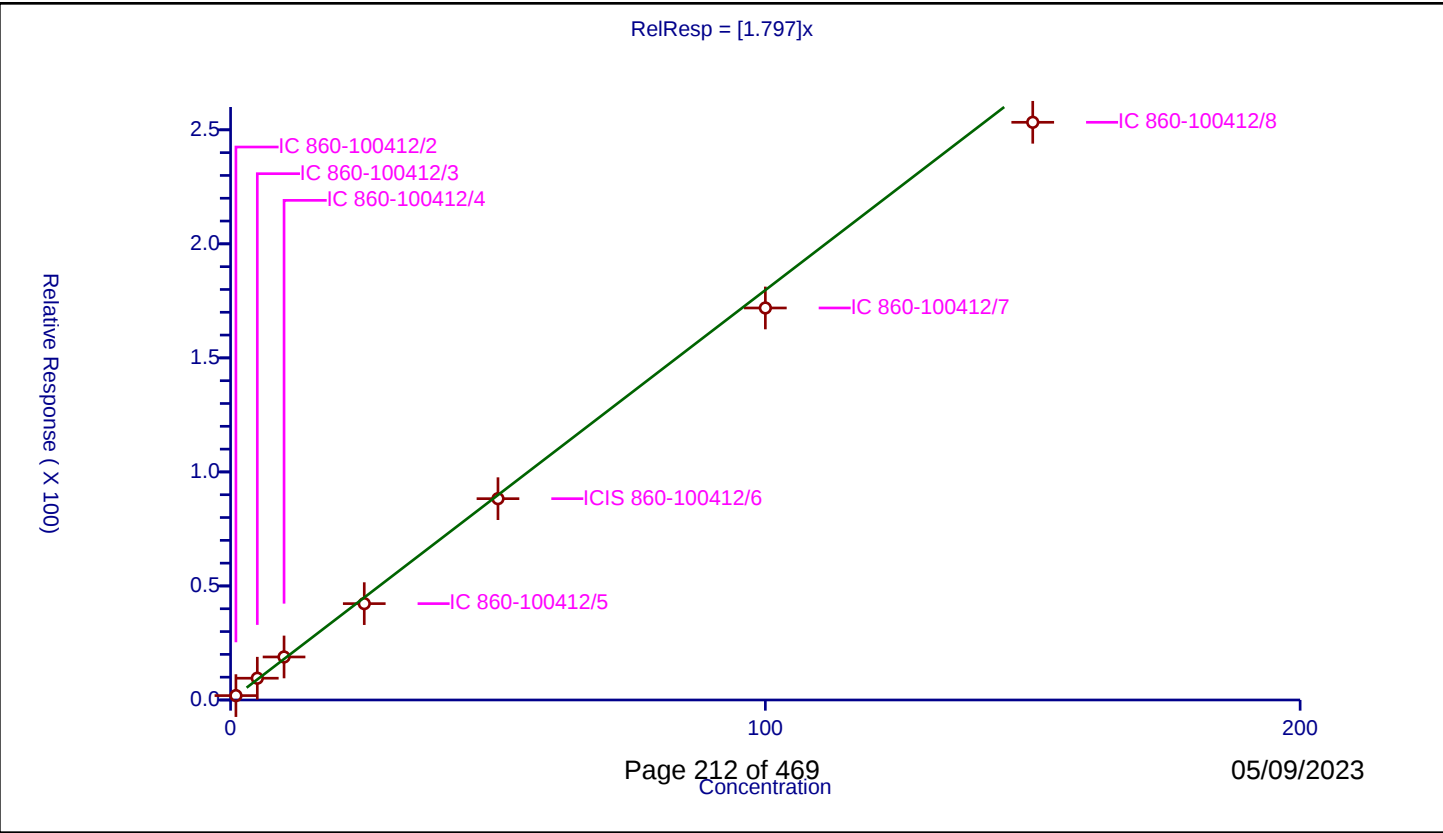
Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.797
Error Coefficients	
Standard Error:	695000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.920713	50.0	240848.0	1.920713	Y
2	IC 860-100412/3	5.0	9.551964	50.0	245583.0	1.910393	Y
3	IC 860-100412/4	10.0	18.866148	50.0	243224.0	1.886615	Y
4	IC 860-100412/5	25.0	42.247243	50.0	259656.0	1.68989	Y
5	ICIS 860-100412/6	50.0	88.268805	50.0	263217.0	1.765376	Y
6	IC 860-100412/7	100.0	171.884689	50.0	259316.0	1.718847	Y
7	IC 860-100412/8	150.0	253.295176	50.0	267315.0	1.688635	Y



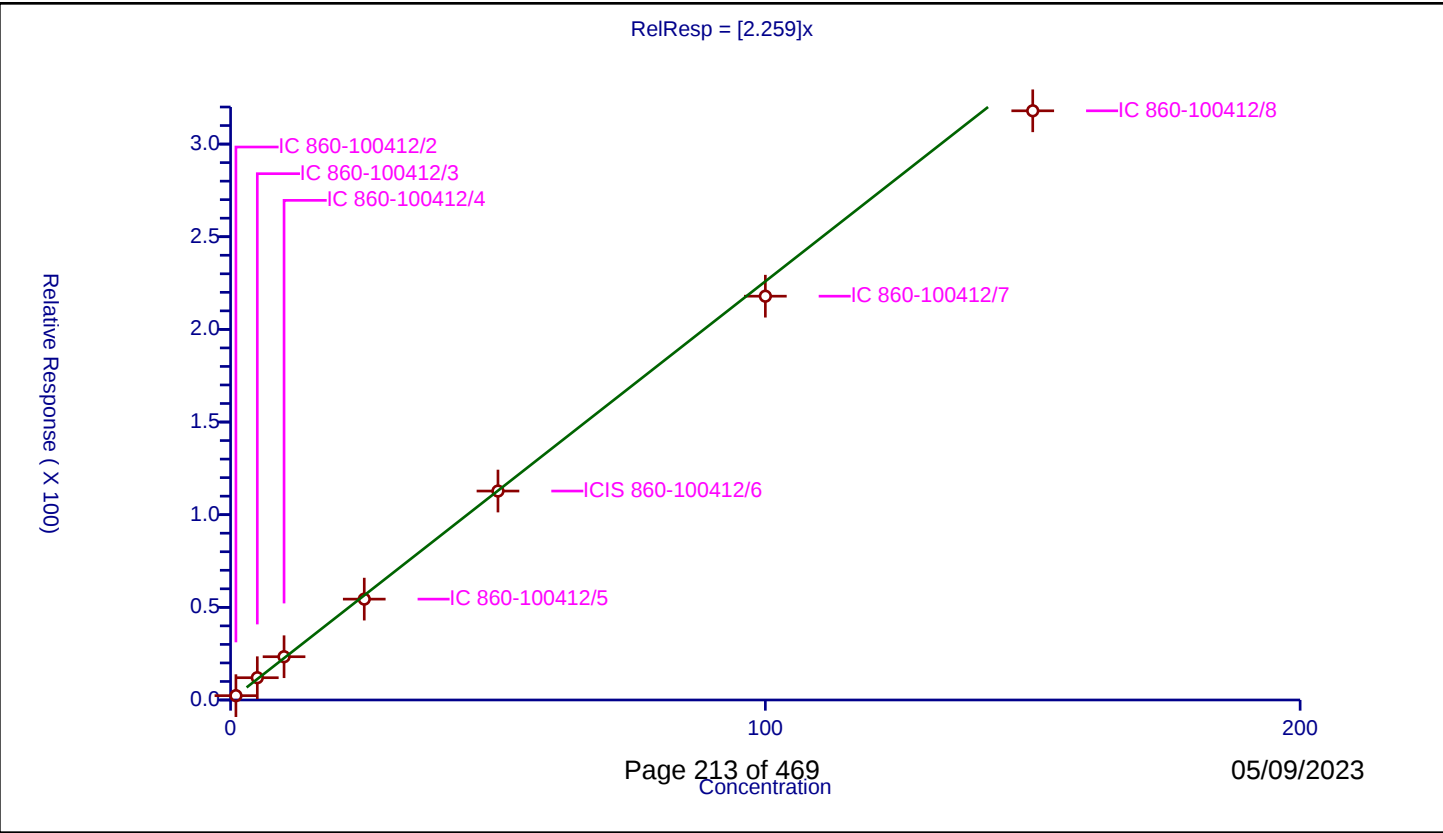
Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.259
Error Coefficients	
Standard Error:	877000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	2.343179	50.0	240848.0	2.343179	Y
2	IC 860-100412/3	5.0	12.024244	50.0	245583.0	2.404849	Y
3	IC 860-100412/4	10.0	23.348642	50.0	243224.0	2.334864	Y
4	IC 860-100412/5	25.0	54.428937	50.0	259656.0	2.177157	Y
5	ICIS 860-100412/6	50.0	112.754685	50.0	263217.0	2.255094	Y
6	IC 860-100412/7	100.0	217.914629	50.0	259316.0	2.179146	Y
7	IC 860-100412/8	150.0	317.955783	50.0	267315.0	2.119705	Y



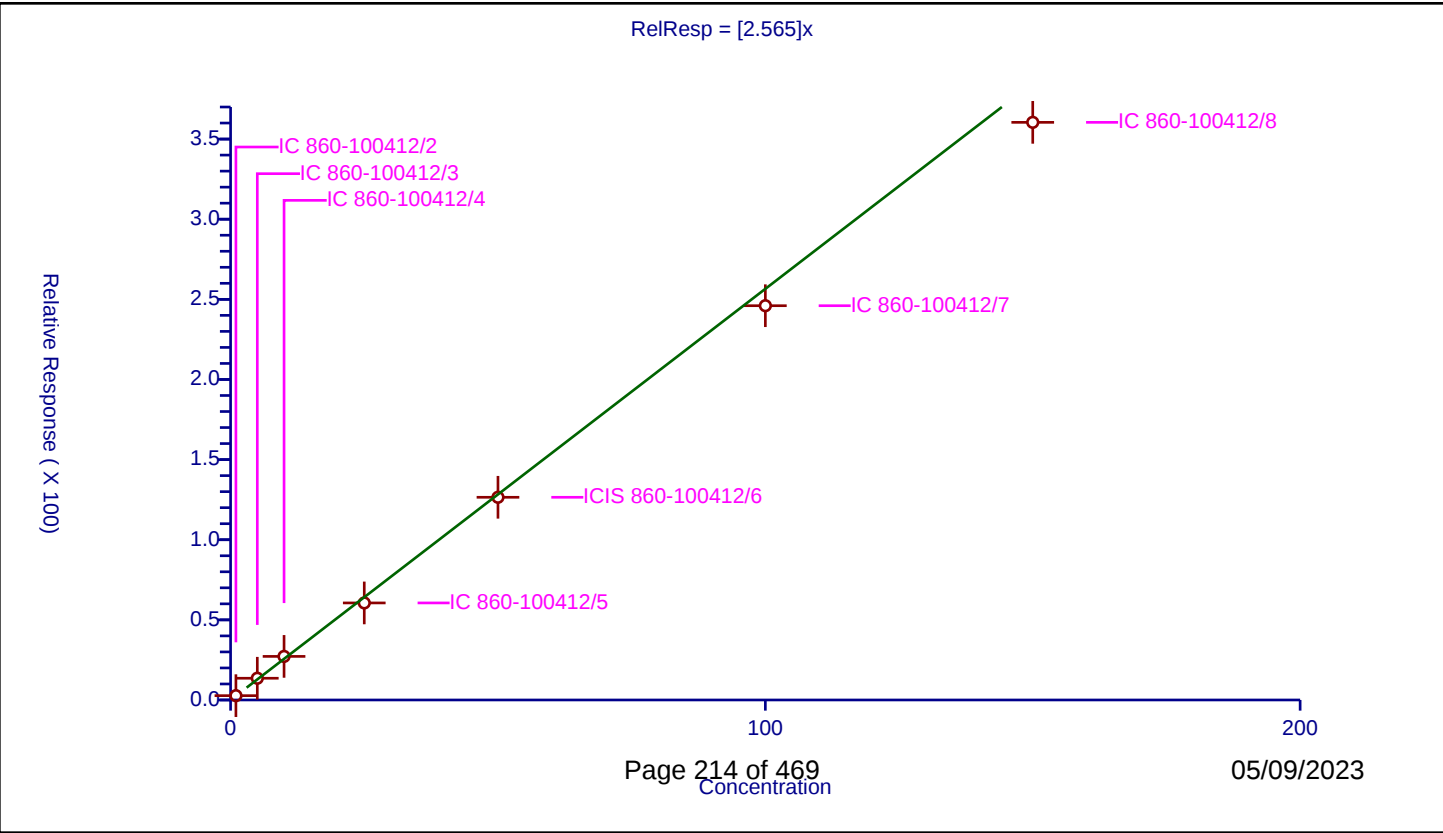
Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.565
Error Coefficients	
Standard Error:	992000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	2.70814	50.0	240848.0	2.70814	Y
2	IC 860-100412/3	5.0	13.575451	50.0	245583.0	2.71509	Y
3	IC 860-100412/4	10.0	27.194685	50.0	243224.0	2.719468	Y
4	IC 860-100412/5	25.0	60.555697	50.0	259656.0	2.422228	Y
5	ICIS 860-100412/6	50.0	126.481192	50.0	263217.0	2.529624	Y
6	IC 860-100412/7	100.0	246.02512	50.0	259316.0	2.460251	Y
7	IC 860-100412/8	150.0	360.434319	50.0	267315.0	2.402895	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

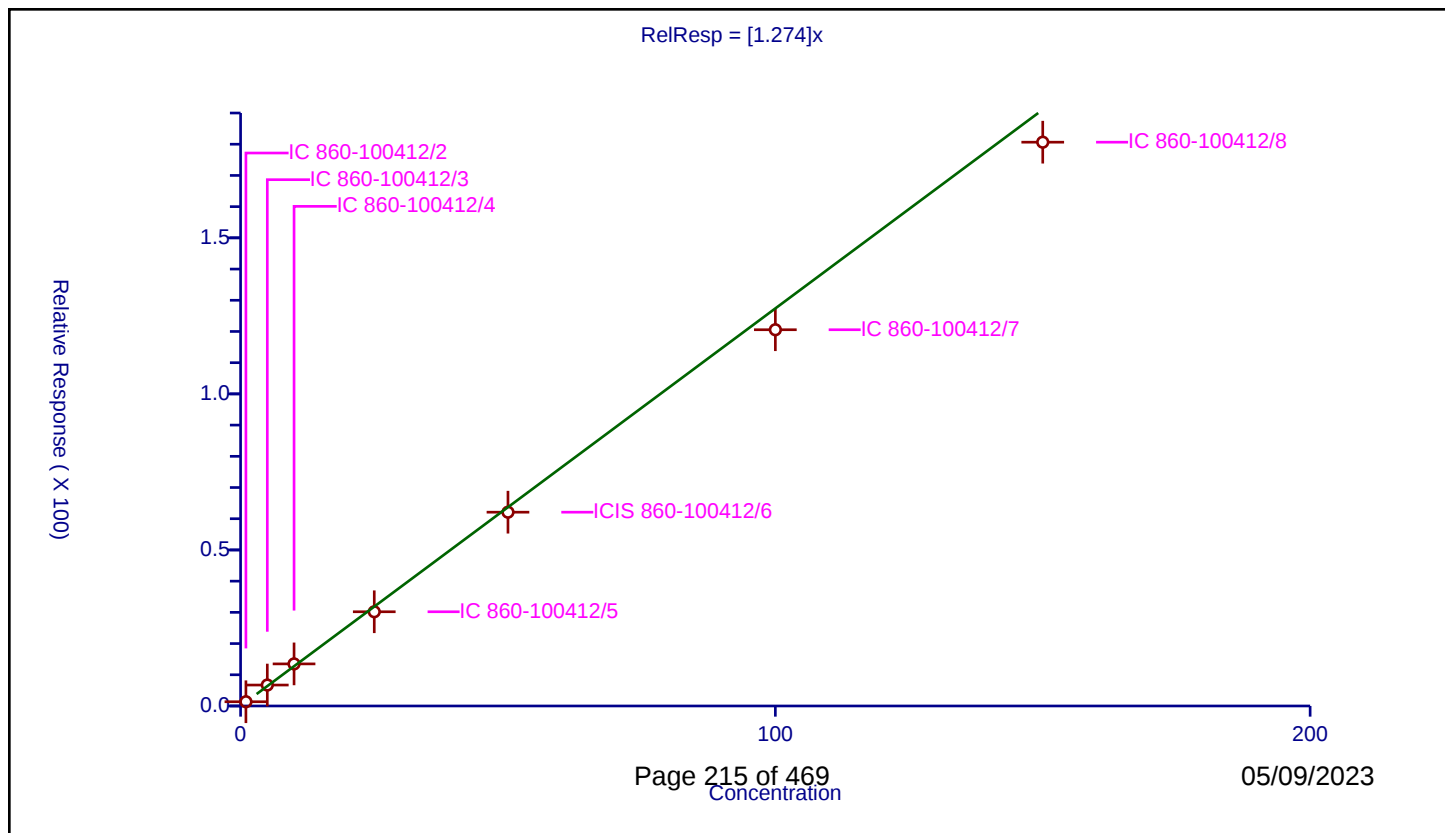
Curve Coefficients

Intercept: 0
Slope: 1.274

Error Coefficients

Standard Error: 493000
Relative Standard Error: 5.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.365592	50.0	240848.0	1.365592	Y
2	IC 860-100412/3	5.0	6.714838	50.0	245583.0	1.342968	Y
3	IC 860-100412/4	10.0	13.487773	50.0	243224.0	1.348777	Y
4	IC 860-100412/5	25.0	30.191677	50.0	259656.0	1.207667	Y
5	ICIS 860-100412/6	50.0	62.101232	50.0	263217.0	1.242025	Y
6	IC 860-100412/7	100.0	120.554459	50.0	259316.0	1.205545	Y
7	IC 860-100412/8	150.0	180.649608	50.0	267315.0	1.204331	Y



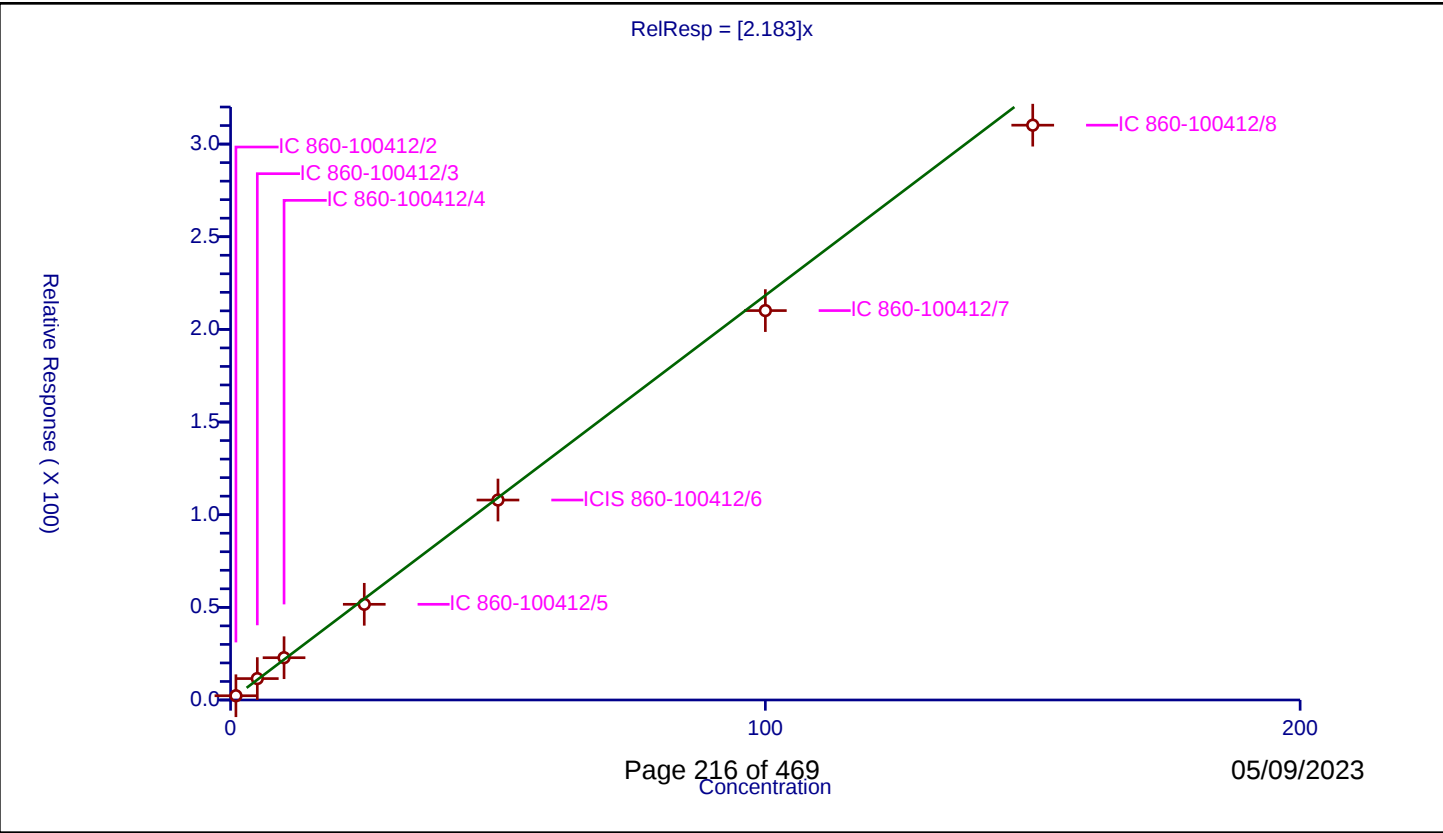
Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.183
Error Coefficients	
Standard Error:	851000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	2.299791	50.0	240848.0	2.299791	Y
2	IC 860-100412/3	5.0	11.541719	50.0	245583.0	2.308344	Y
3	IC 860-100412/4	10.0	22.81436	50.0	243224.0	2.281436	Y
4	IC 860-100412/5	25.0	51.634855	50.0	259656.0	2.065394	Y
5	ICIS 860-100412/6	50.0	107.909444	50.0	263217.0	2.158189	Y
6	IC 860-100412/7	100.0	210.134161	50.0	259316.0	2.101342	Y
7	IC 860-100412/8	150.0	310.200325	50.0	267315.0	2.068002	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

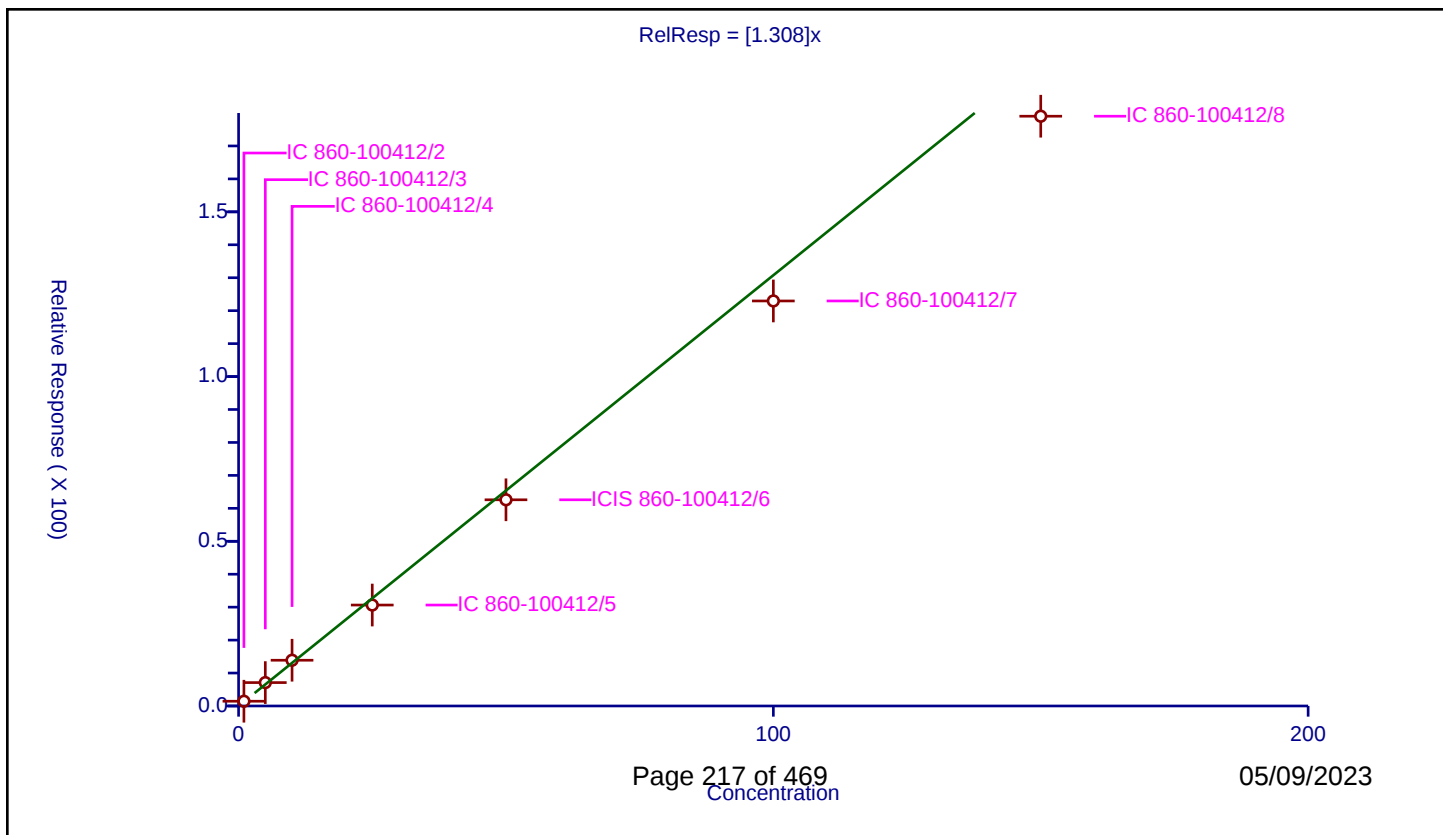
Curve Coefficients

Intercept: 0
Slope: 1.308

Error Coefficients

Standard Error: 494000
Relative Standard Error: 8.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.443234	50.0	240848.0	1.443234	Y
2	IC 860-100412/3	5.0	7.102283	50.0	245583.0	1.420457	Y
3	IC 860-100412/4	10.0	13.886582	50.0	243224.0	1.388658	Y
4	IC 860-100412/5	25.0	30.641117	50.0	259656.0	1.225645	Y
5	ICIS 860-100412/6	50.0	62.591892	50.0	263217.0	1.251838	Y
6	IC 860-100412/7	100.0	122.948256	50.0	259316.0	1.229483	Y
7	IC 860-100412/8	150.0	179.027926	50.0	267315.0	1.19352	Y



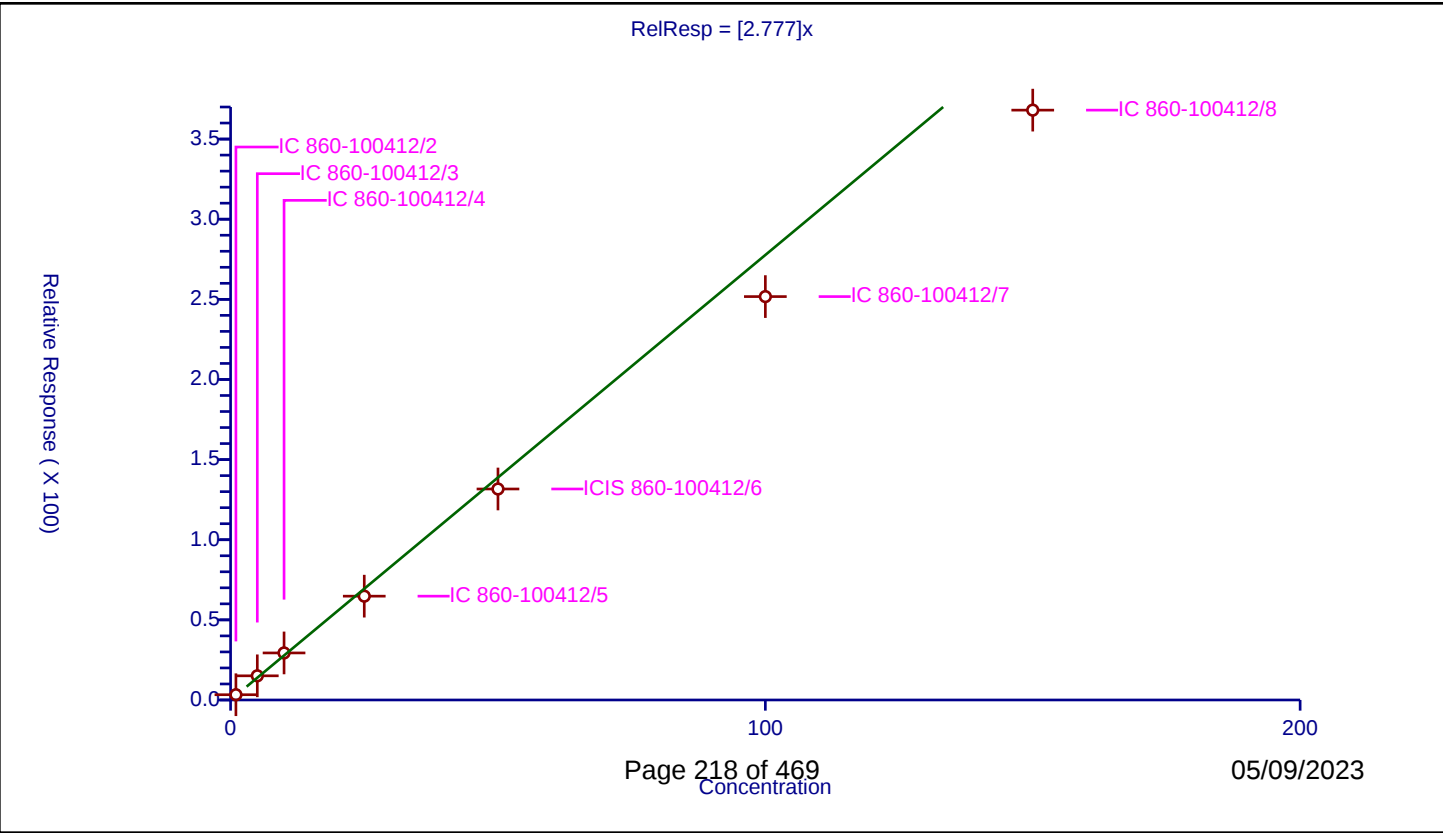
Calibration

/ Dicyclopentadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.777
Error Coefficients	
Standard Error:	1020000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	3.288381	50.0	240848.0	3.288381	Y
2	IC 860-100412/3	5.0	15.0894	50.0	245583.0	3.01788	Y
3	IC 860-100412/4	10.0	29.352572	50.0	243224.0	2.935257	Y
4	IC 860-100412/5	25.0	64.780132	50.0	259656.0	2.591205	Y
5	ICIS 860-100412/6	50.0	131.6581	50.0	263217.0	2.633162	Y
6	IC 860-100412/7	100.0	251.711425	50.0	259316.0	2.517114	Y
7	IC 860-100412/8	150.0	368.060154	50.0	267315.0	2.453734	Y



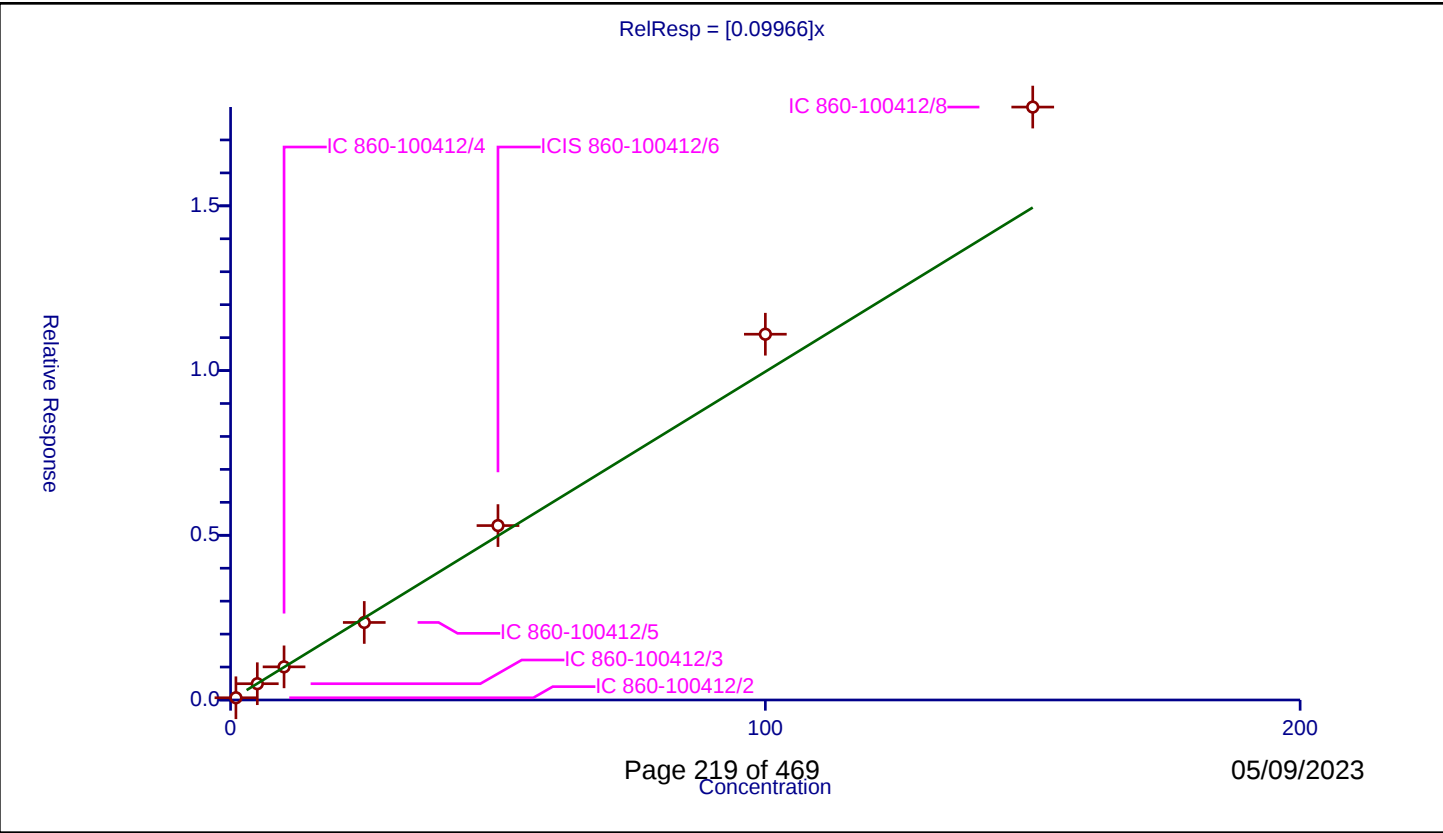
Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09966
Error Coefficients	
Standard Error:	47500
Relative Standard Error:	16.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.067262	50.0	240848.0	0.067262	Y
2	IC 860-100412/3	5.0	0.493927	50.0	245583.0	0.098785	Y
3	IC 860-100412/4	10.0	1.005452	50.0	243224.0	0.100545	Y
4	IC 860-100412/5	25.0	2.353306	50.0	259656.0	0.094132	Y
5	ICIS 860-100412/6	50.0	5.294681	50.0	263217.0	0.105894	Y
6	IC 860-100412/7	100.0	11.103441	50.0	259316.0	0.111034	Y
7	IC 860-100412/8	150.0	17.998242	50.0	267315.0	0.119988	Y



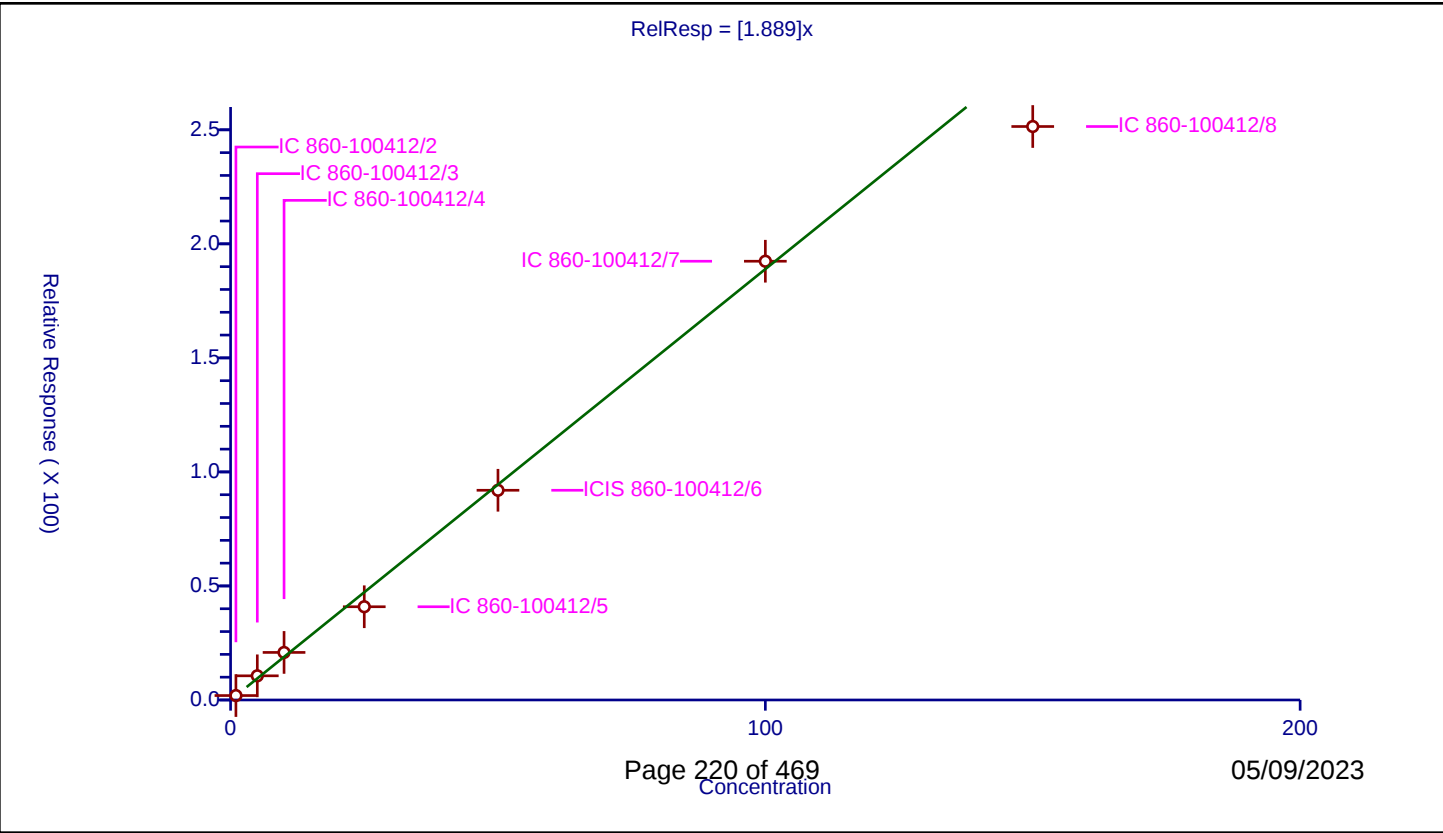
Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.889
Error Coefficients	
Standard Error:	718000
Relative Standard Error:	9.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.945418	50.0	240848.0	1.945418	Y
2	IC 860-100412/3	5.0	10.600082	50.0	245583.0	2.120016	Y
3	IC 860-100412/4	10.0	20.847655	50.0	243224.0	2.084765	Y
4	IC 860-100412/5	25.0	40.885826	50.0	259656.0	1.635433	Y
5	ICIS 860-100412/6	50.0	91.950368	50.0	263217.0	1.839007	Y
6	IC 860-100412/7	100.0	192.382846	50.0	259316.0	1.923828	Y
7	IC 860-100412/8	150.0	251.447543	50.0	267315.0	1.676317	Y



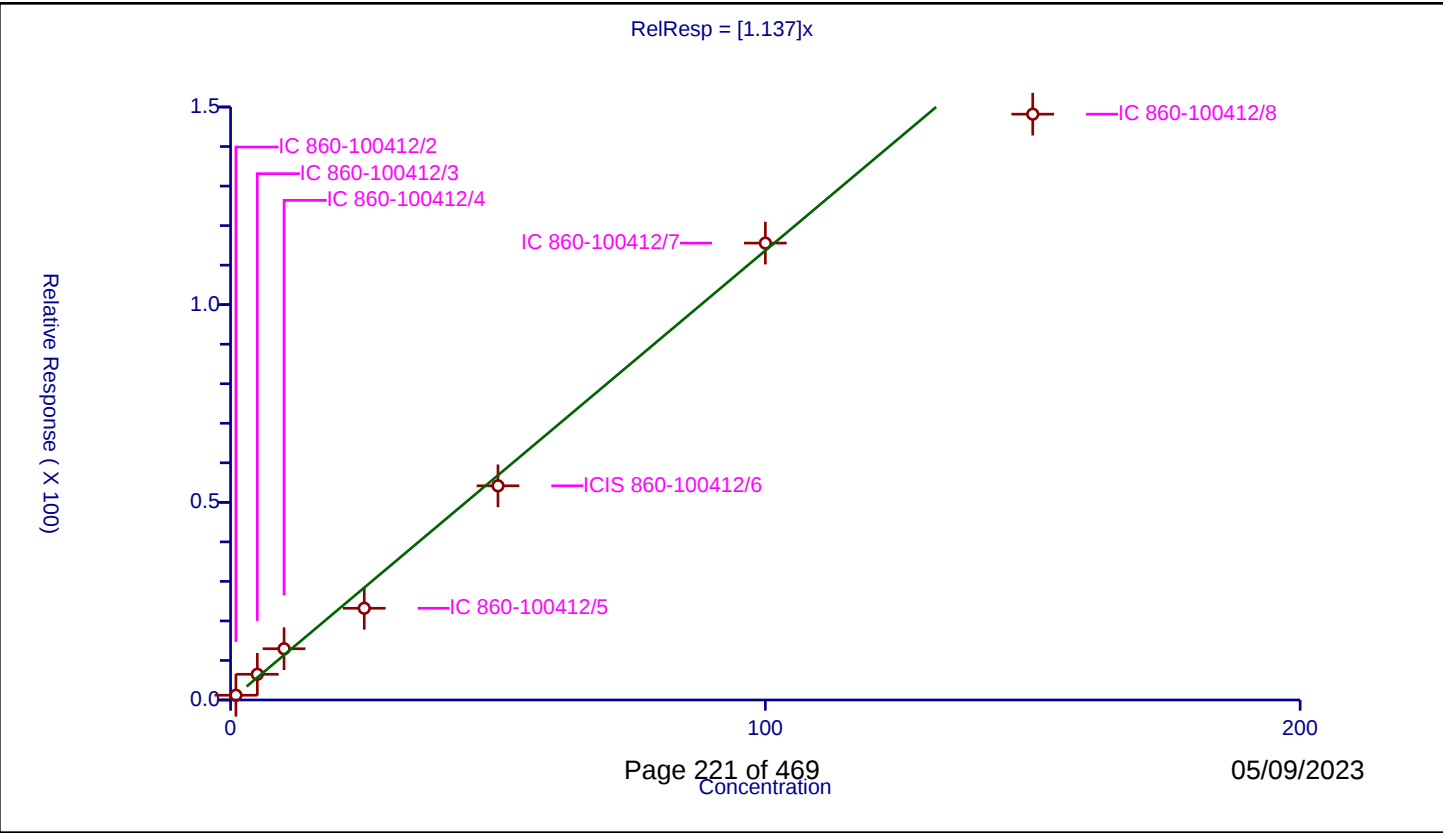
Calibration

/ 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:	1.137
Error Coefficients	
Standard Error:	426000
Relative Standard Error:	12.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.204702	50.0	240848.0	1.204702	Y
2	IC 860-100412/3	5.0	6.507576	50.0	245583.0	1.301515	Y
3	IC 860-100412/4	10.0	12.964181	50.0	243224.0	1.296418	Y
4	IC 860-100412/5	25.0	23.202044	50.0	259656.0	0.928082	Y
5	ICIS 860-100412/6	50.0	54.177542	50.0	263217.0	1.083551	Y
6	IC 860-100412/7	100.0	115.579062	50.0	259316.0	1.155791	Y
7	IC 860-100412/8	150.0	148.193704	50.0	267315.0	0.987958	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

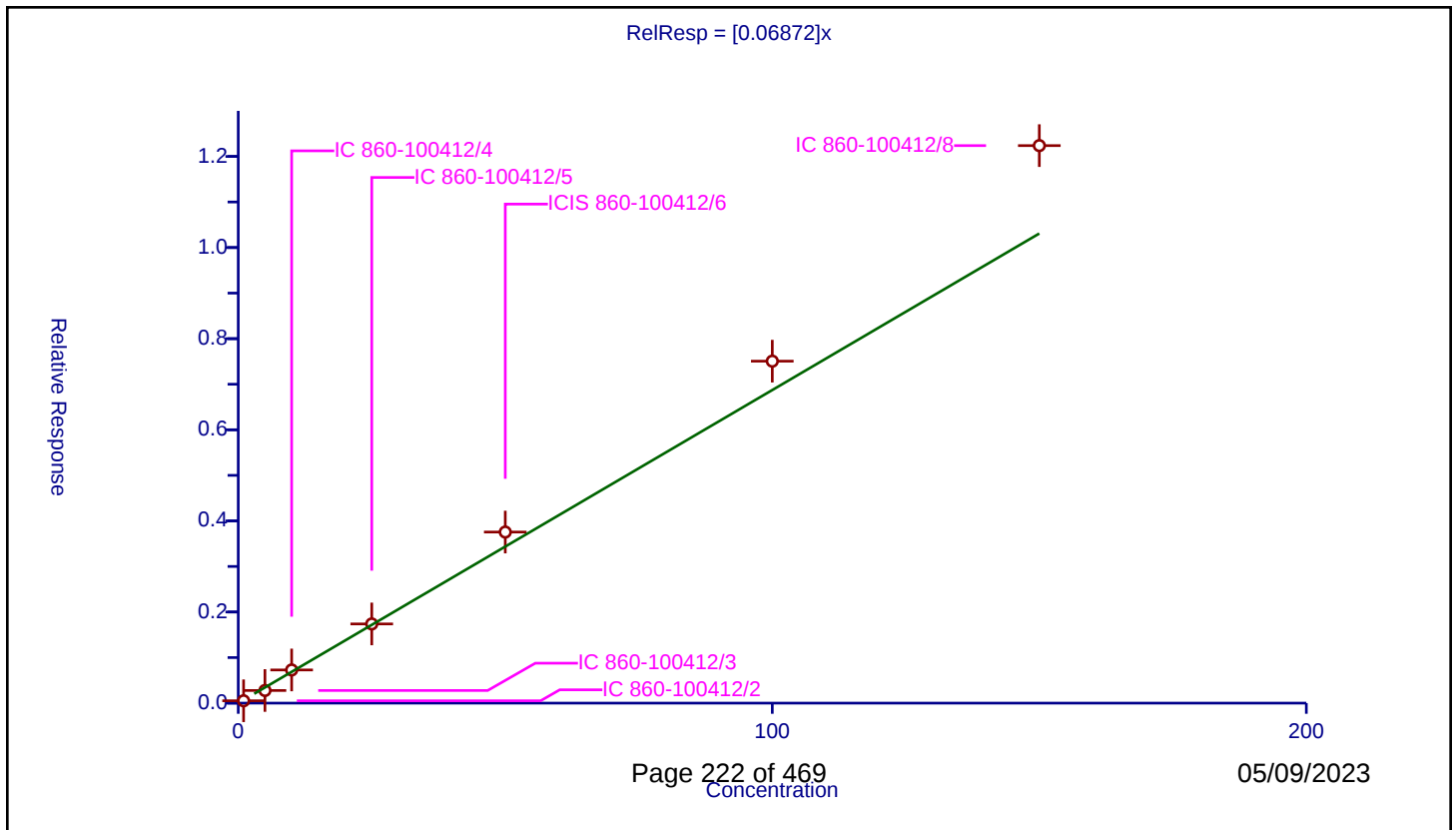
Curve Coefficients

Intercept: 0
Slope: 0.06872

Error Coefficients

Standard Error: 32400
Relative Standard Error: 16.1
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.051485	50.0	240848.0	0.051485	Y
2	IC 860-100412/3	5.0	0.277299	50.0	245583.0	0.05546	Y
3	IC 860-100412/4	10.0	0.728341	50.0	243224.0	0.072834	Y
4	IC 860-100412/5	25.0	1.738454	50.0	259656.0	0.069538	Y
5	ICIS 860-100412/6	50.0	3.755267	50.0	263217.0	0.075105	Y
6	IC 860-100412/7	100.0	7.506479	50.0	259316.0	0.075065	Y
7	IC 860-100412/8	150.0	12.237435	50.0	267315.0	0.081583	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

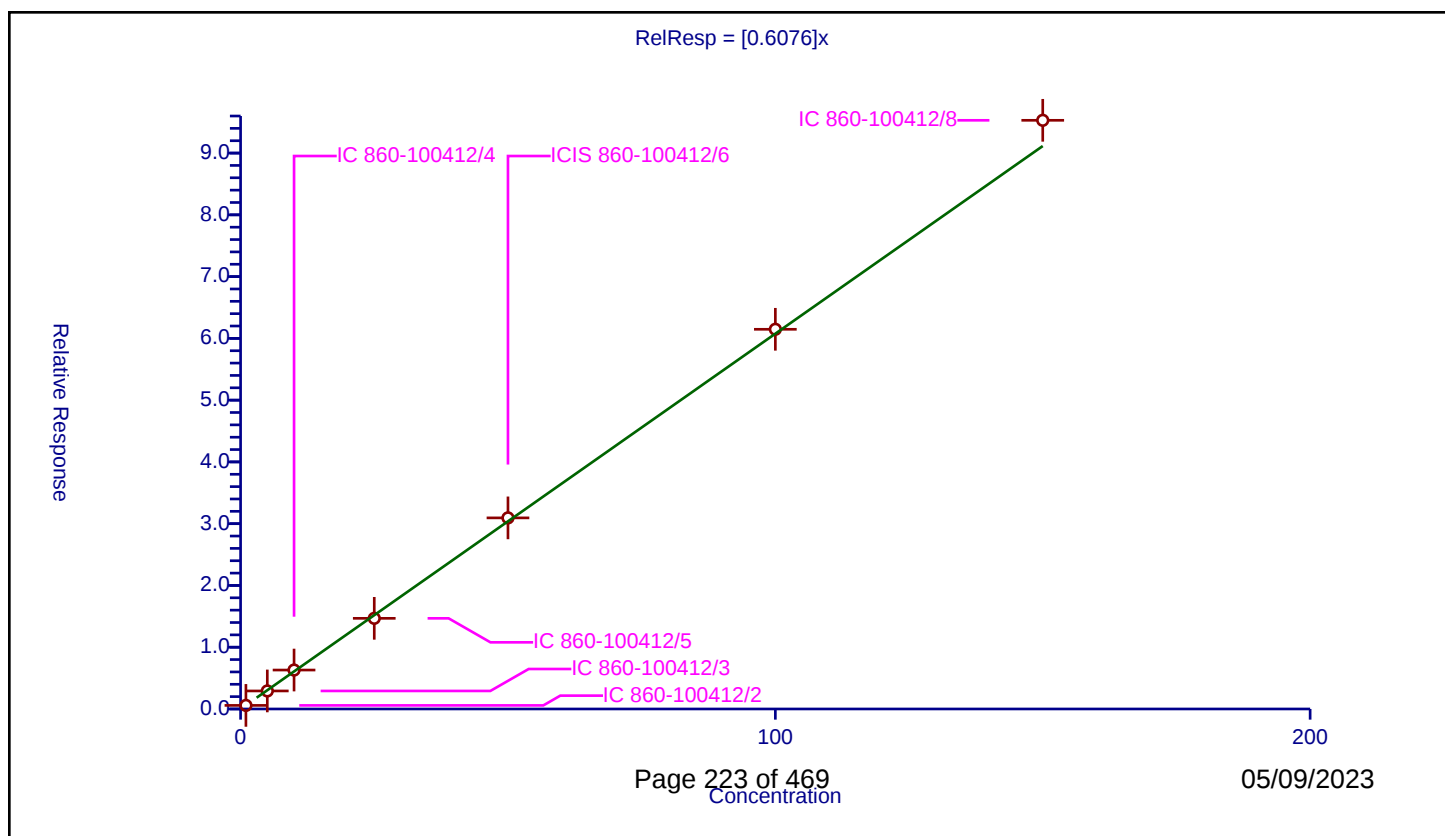
Curve Coefficients

Intercept: 0
Slope: 0.6076

Error Coefficients

Standard Error: 256000
Relative Standard Error: 3.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.582525	50.0	240848.0	0.582525	Y
2	IC 860-100412/3	5.0	2.919787	50.0	245583.0	0.583957	Y
3	IC 860-100412/4	10.0	6.306327	50.0	243224.0	0.630633	Y
4	IC 860-100412/5	25.0	14.677882	50.0	259656.0	0.587115	Y
5	ICIS 860-100412/6	50.0	30.941391	50.0	263217.0	0.618828	Y
6	IC 860-100412/7	100.0	61.471718	50.0	259316.0	0.614717	Y
7	IC 860-100412/8	150.0	95.3061	50.0	267315.0	0.635374	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

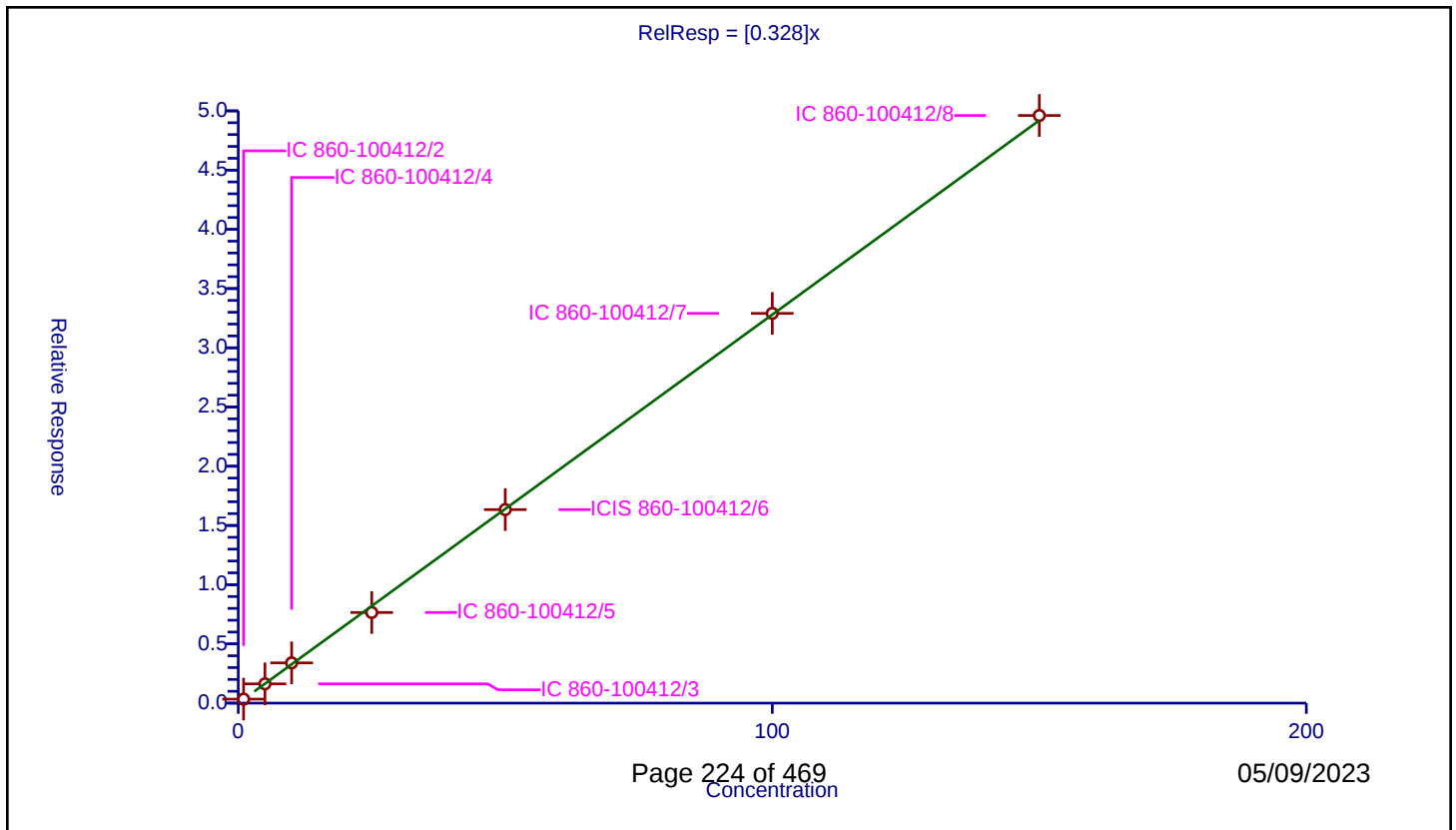
Curve Coefficients

Intercept: 0
Slope: 0.328

Error Coefficients

Standard Error: 135000
Relative Standard Error: 3.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.338388	50.0	240848.0	0.338388	Y
2	IC 860-100412/3	5.0	1.625723	50.0	245583.0	0.325145	Y
3	IC 860-100412/4	10.0	3.398308	50.0	243224.0	0.339831	Y
4	IC 860-100412/5	25.0	7.651085	50.0	259656.0	0.306043	Y
5	ICIS 860-100412/6	50.0	16.337281	50.0	263217.0	0.326746	Y
6	IC 860-100412/7	100.0	32.905027	50.0	259316.0	0.32905	Y
7	IC 860-100412/8	150.0	49.611507	50.0	267315.0	0.330743	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

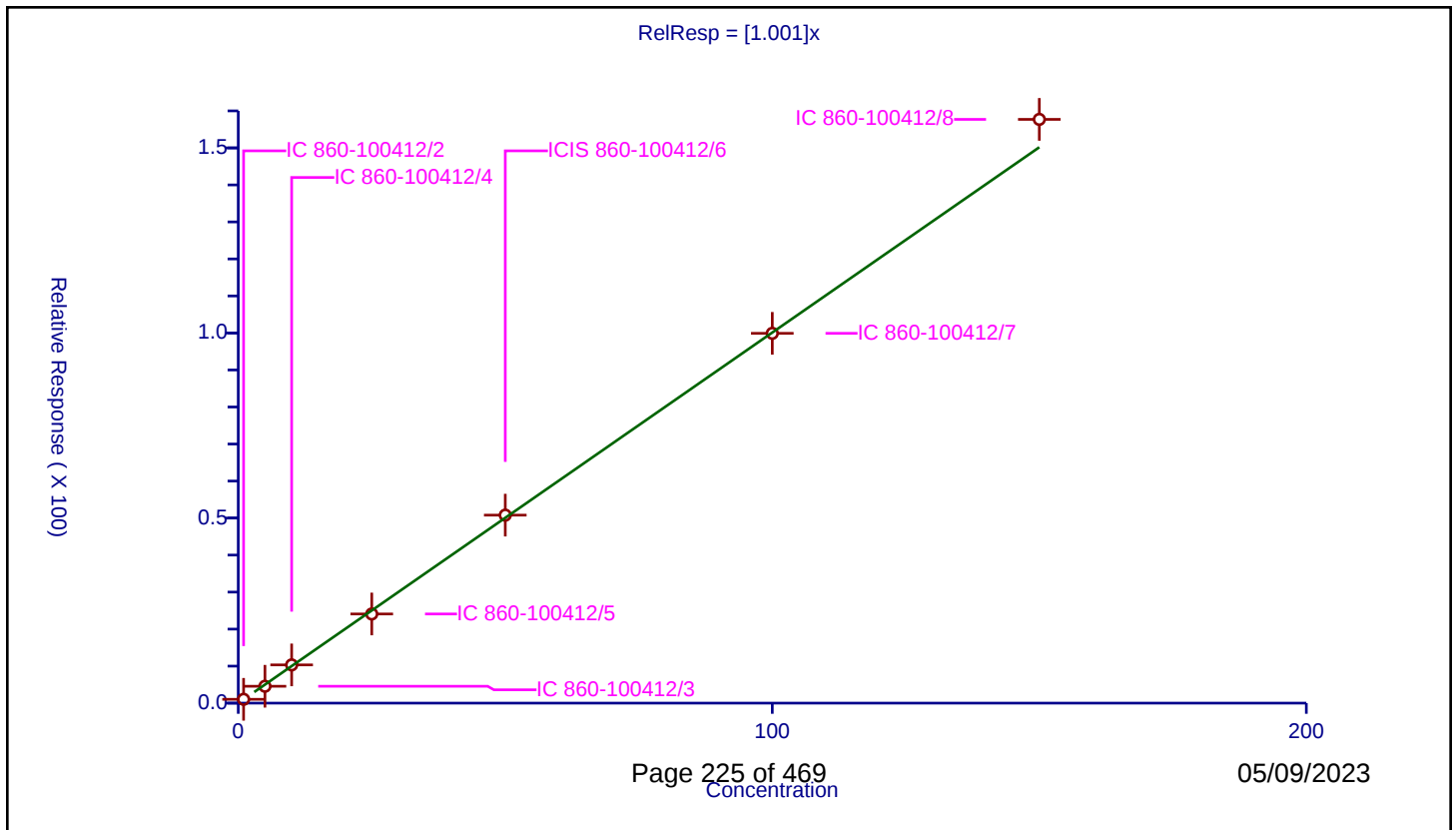
Curve Coefficients

Intercept: 0
Slope: 1.001

Error Coefficients

Standard Error: 422000
Relative Standard Error: 4.9
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	1.03447	50.0	240848.0	1.03447	Y
2	IC 860-100412/3	5.0	4.556504	50.0	245583.0	0.911301	Y
3	IC 860-100412/4	10.0	10.327311	50.0	243224.0	1.032731	Y
4	IC 860-100412/5	25.0	24.08918	50.0	259656.0	0.963567	Y
5	ICIS 860-100412/6	50.0	50.790033	50.0	263217.0	1.015801	Y
6	IC 860-100412/7	100.0	99.903593	50.0	259316.0	0.999036	Y
7	IC 860-100412/8	150.0	157.70271	50.0	267315.0	1.051351	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

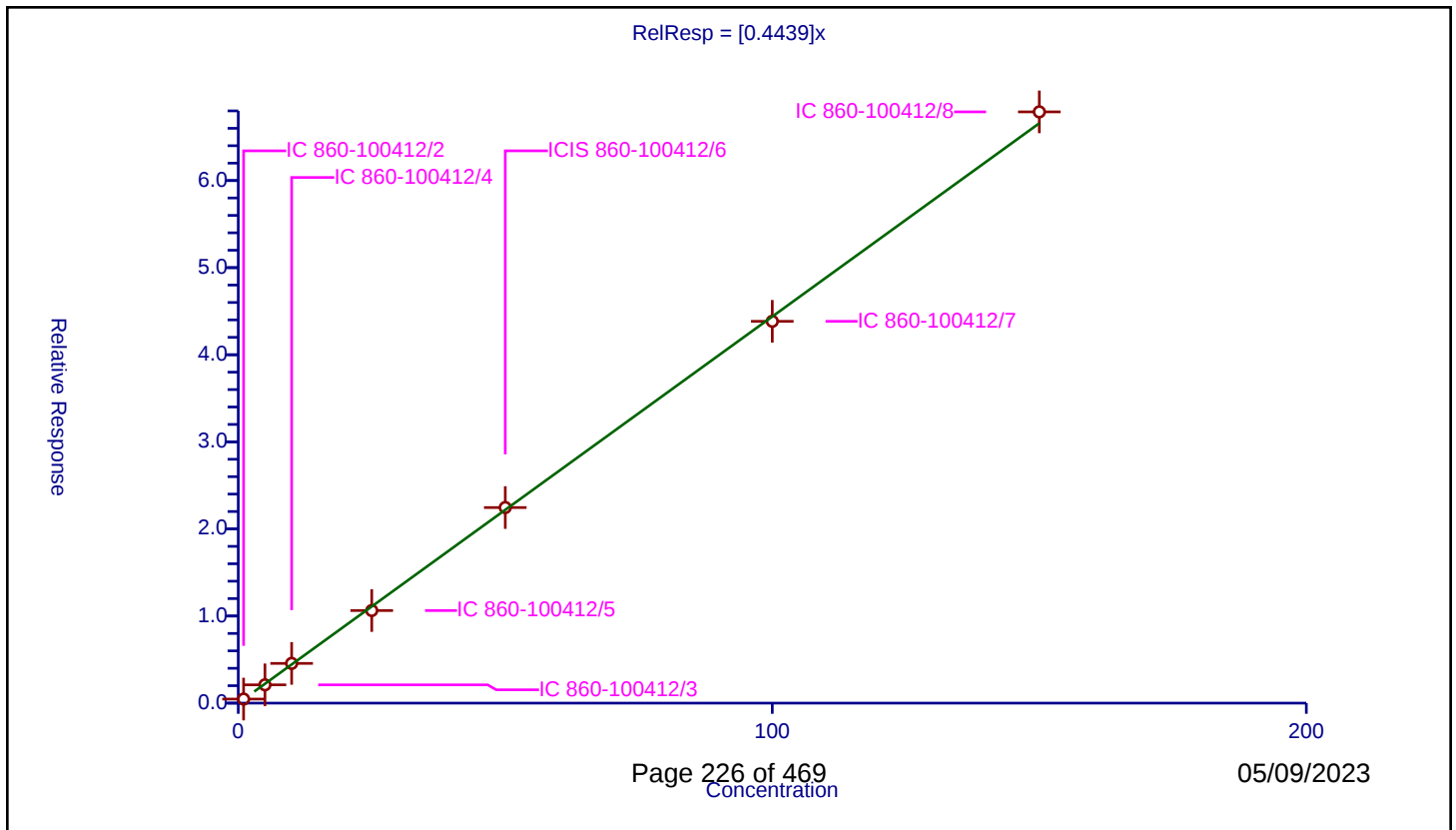
Curve Coefficients

Intercept: 0
Slope: 0.4439

Error Coefficients

Standard Error: 183000
Relative Standard Error: 3.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.465646	50.0	240848.0	0.465646	Y
2	IC 860-100412/3	5.0	2.098679	50.0	245583.0	0.419736	Y
3	IC 860-100412/4	10.0	4.562461	50.0	243224.0	0.456246	Y
4	IC 860-100412/5	25.0	10.632529	50.0	259656.0	0.425301	Y
5	ICIS 860-100412/6	50.0	22.455427	50.0	263217.0	0.449109	Y
6	IC 860-100412/7	100.0	43.839177	50.0	259316.0	0.438392	Y
7	IC 860-100412/8	150.0	67.885641	50.0	267315.0	0.452571	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

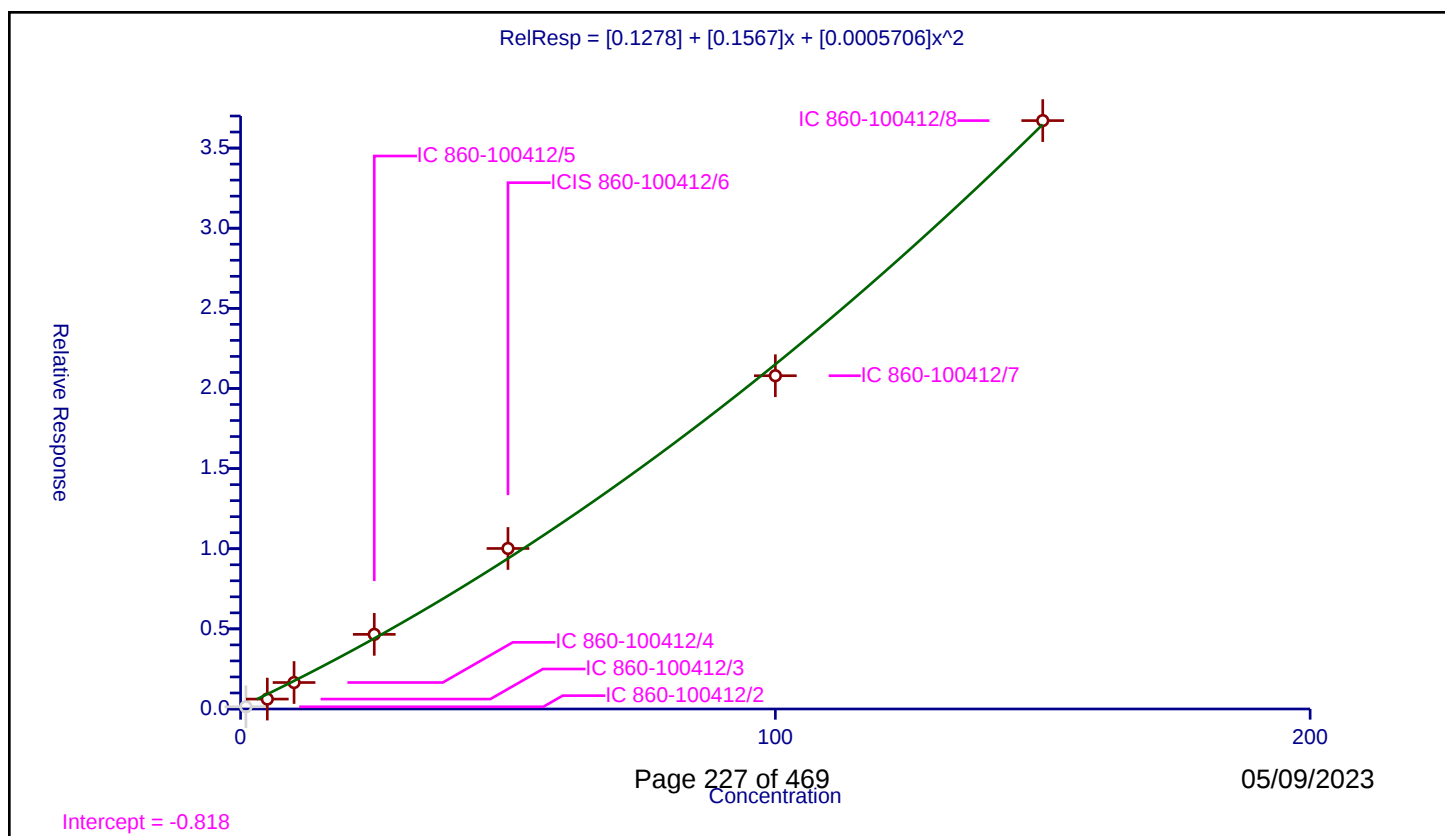
Curve Coefficients

Intercept: 0.1278
Slope: 0.1567
Second Order: 0.0005706

Error Coefficients

Standard Error: 134000
Relative Standard Error: 22.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.139507	50.0	240848.0	0.139507	N
2	IC 860-100412/3	5.0	0.617714	50.0	245583.0	0.123543	Y
3	IC 860-100412/4	10.0	1.652181	50.0	243224.0	0.165218	Y
4	IC 860-100412/5	25.0	4.655775	50.0	259656.0	0.186231	Y
5	ICIS 860-100412/6	50.0	10.015311	50.0	263217.0	0.200306	Y
6	IC 860-100412/7	100.0	20.794706	50.0	259316.0	0.207947	Y
7	IC 860-100412/8	150.0	36.713802	50.0	267315.0	0.244759	Y



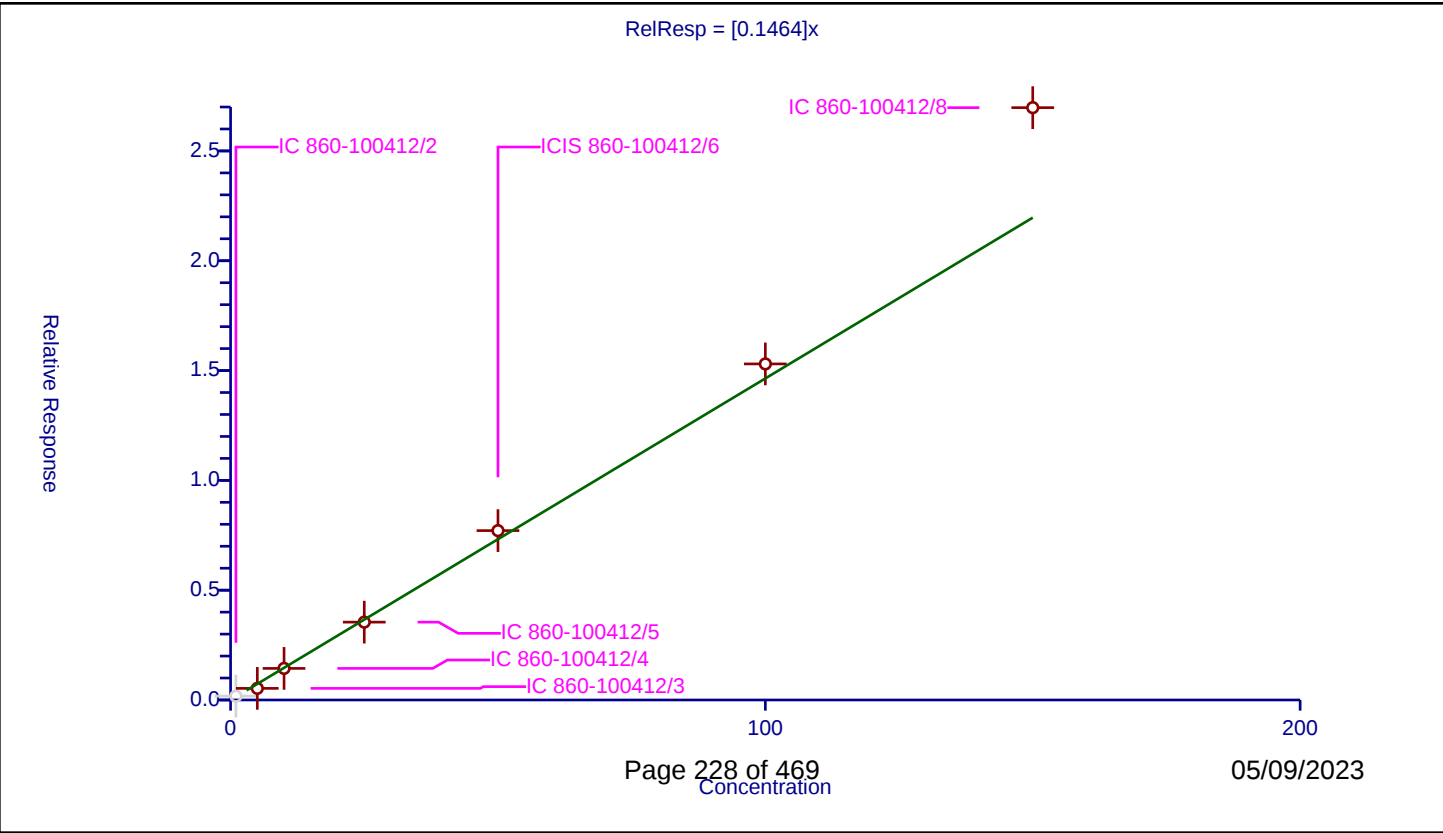
Calibration

/ 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:	0.1464
Error Coefficients	
Standard Error:	76300
Relative Standard Error:	16.4
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-100412/2	1.0	0.176667	50.0	240848.0	0.176667	N
2	IC 860-100412/3	5.0	0.528945	50.0	245583.0	0.105789	Y
3	IC 860-100412/4	10.0	1.43818	50.0	243224.0	0.143818	Y
4	IC 860-100412/5	25.0	3.54546	50.0	259656.0	0.141818	Y
5	ICIS 860-100412/6	50.0	7.711508	50.0	263217.0	0.15423	Y
6	IC 860-100412/7	100.0	15.302758	50.0	259316.0	0.153028	Y
7	IC 860-100412/8	150.0	26.970615	50.0	267315.0	0.179804	Y



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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-98266/2	T04122308.D
Level 2	IC 860-98266/3	T04122309.D
Level 3	IC 860-98266/4	T04122310.D
Level 4	IC 860-98266/5	T04122311.D
Level 5	ICIS 860-98266/6	T04122312.D
Level 6	IC 860-98266/7	T04122313.D
Level 7	IC 860-98266/8	T04122314.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								
Propene	1.0266 0.6053	0.6935 0.6905	0.6558	0.6326	0.6322	Lin1	0.297 9	0.646 6				7.6			0.9960		0.9950
Dichlorodifluoromethane	0.4708 0.5996	0.5881 0.6692	0.5030	0.6064	0.6440	Ave		0.583 0				12.3		20.0			
Chloromethane	0.5967 0.5770	0.5897 0.6477	0.5529	0.5750	0.5848	Ave		0.589 1				5.0		20.0			
Vinyl chloride	0.9169 0.9208	0.8723 0.9830	0.8759	0.9849	1.0449	Ave		0.942 7				6.8		20.0			
1,3-Butadiene	0.6029 0.7014	0.6157 0.7857	0.6161	0.6556	0.7834	Ave		0.680 1				11.6		20.0			
Ethylene oxide	0.2349 0.0677	0.2371 0.0651	0.2357	0.1869	0.1048	Ave		0.161 7				49.6	*	20.0			
Bromomethane	0.7793 0.2737	0.8311 0.2942	0.8796	0.7786	0.4849	Ave		0.617 3				42.2	*	20.0			
Chloroethane	0.6205 0.8002	0.7234 ++++	0.7120	0.7579	0.8675	Ave		0.746 9				11.2		20.0			
Trichlorofluoromethane	0.8076 1.0821	0.8815 1.2232	0.7910	1.0057	1.1458	Ave		0.991 0				17.1		20.0			
Dichlorofluoromethane	0.9797 1.1939	1.0316 1.4050	1.0361	1.0860	1.2530	Ave		1.140 8				13.2		20.0			
Diethyl ether	0.3409 0.3340	0.2827 0.3888	0.2984	0.3282	0.3458	Ave		0.331 3				10.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2808 0.3637	0.3319 0.4165	0.3217	0.3654	0.3831	Ave		0.351 9				12.6		20.0			
Acrolein	0.0704 0.0724	0.0557 0.0873	0.0587	0.0698	0.0746	Ave		0.069 9				15.0		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 Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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-Dichloroethene	0.3331 0.4836	0.4084 0.5577	0.4432	0.4846	0.4976	Ave		0.458 3				15.7		20.0			
Acetone	0.0559 0.0483	0.0417 0.0590	0.0464	0.0459	0.0494	Ave		0.049 5				12.1		20.0			
Iodomethane (Methyl Iodide)	0.3050 0.7834	0.4753 0.9257	0.5211	0.6257	0.7432	Qua	-0.26 4	0.583 4	0.0022603			8.1			0.9990		0.9900
Carbon disulfide	1.2951 1.7349	1.4372 2.0232	1.4058	1.5660	1.7632	Ave		1.603 6				15.7		20.0			
Isopropyl alcohol	0.0283 0.0314	0.0270 0.0392	0.0251	0.0245	0.0296	Ave		0.029 3				17.1		20.0			
Allyl Chloride (3-Chloropropene)	0.2303 0.2842	0.2839 0.3371	0.2600	0.2599	0.3177	Ave		0.281 9				12.9		20.0			
Methyl acetate	0.4682 0.4241	0.3729 0.5022	0.3783	0.4178	0.4399	Ave		0.429 0				10.8		20.0			
Acetonitrile	0.0518 0.0400	0.0367 0.0467	0.0343	0.0368	0.0397	Ave		0.040 9				15.2		20.0			
Methylene Chloride	0.8080 0.6533	0.6167 0.7180	0.6165	0.6560	0.6980	Ave		0.681 0				9.9		20.0			
tert-Butyl alcohol	0.0479 0.0536	0.0396 0.0664	0.0422	0.0468	0.0520	Ave		0.049 8				17.8		20.0			
MTBE	1.4212 1.7239	1.4383 1.9577	1.5471	1.5796	1.7740	Ave		1.634 5				11.9		20.0			
trans-1,2-Dichloroethene	0.3690 0.5162	0.4679 0.6216	0.4773	0.5121	0.5795	Ave		0.506 2				16.1		20.0			
Acrylonitrile	0.1561 0.1924	0.1526 0.2345	0.1627	0.1745	0.1948	Ave		0.181 1				15.9		20.0			
n-Hexane	0.4404 0.5623	0.5321 0.6450	0.5112	0.5583	0.6055	Ave		0.550 7				12.0		20.0			
Isopropyl ether	1.2499 1.3780	1.2042 1.5936	1.1812	1.2983	1.4358	Ave		1.334 4				11.0		20.0			
1,1-Dichloroethane	0.6525 0.9710	0.8030 1.1504	0.8006	0.8660	0.9664	Ave		0.887 1				18.0		20.0			
Vinyl acetate	0.9998 1.2387	1.0378 1.5165	1.0219	1.1468	1.2748	Ave		1.176 6				15.7		20.0			
Chloroprene	++++ 0.7617	0.5819 0.9327	0.5871	0.6387	0.7303	Ave		0.705 4				18.9		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 Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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								
Ethyl tert-butyl ether	1.3167 1.6135	1.3297 1.8718	1.4019	1.5393	1.6791	Ave		1.536 n				13.2		20.0			
2,2-Dichloropropane	0.7410 0.9129	0.7777 1.0863	0.7662	0.9097	0.9810	Ave		0.882 1				14.4		20.0			
cis-1,2-Dichloroethene	0.6150 0.7387	0.6713 0.8921	0.6570	0.7171	0.7777	Ave		0.724 1				12.7		20.0			
2-Butanone	0.0731 0.0797	0.0709 0.1019	0.0732	0.0846	0.0840	Ave		0.081 1				13.2		20.0			
Ethyl acetate	1.2373 1.2431	1.0423 1.5028	1.0981	1.1273	1.2765	Ave		1.218 2				12.5		20.0			
Propane Nitrile (Propionitrile)	0.0670 0.0830	0.0690 0.0976	0.0702	0.0727	0.0837	Ave		0.077 6				14.2		20.0			
Tetrahydrofuran	++++ 0.1404	0.1514 0.1738	0.1383	0.1347	0.1399	Ave		0.146 4				9.9		20.0			
Bromochloromethane	0.3182 0.4526	0.3913 0.5370	0.3966	0.4098	0.4683	Ave		0.424 8				16.3		20.0			
Methacrylonitrile	0.2462 0.3355	0.2567 ++++	0.2738	0.2943	0.3257	Ave		0.288 7				12.6		20.0			
Chloroform	0.8224 1.1172	0.9540 1.4160	0.9061	1.0322	1.1171	Ave		1.052 1				18.4		20.0			
Cyclohexane	0.6270 0.8609	0.7558 0.9913	0.7936	0.8618	0.9463	Ave		0.833 8				14.6		20.0			
1,1,1-Trichloroethane	0.7588 0.9893	0.8029 1.1280	0.9037	0.9380	1.0404	Ave		0.937 3				13.8		20.0			
Carbon tetrachloride	1.3069 0.9384	0.9275 1.0628	0.8854	0.9750	1.0114	Ave		1.015 4				13.9		20.0			
1,1-Dichloropropene	0.7595 0.7935	0.6537 0.9267	0.6518	0.7649	0.8260	Ave		0.768 n				12.6		20.0			
Isobutanol	0.0167 0.0207	0.0163 0.0242	0.0160	0.0172	0.0192	Ave		0.018 6				16.1		20.0			
2,2,4-Trimethylpentane	0.7604 0.9354	0.8334 1.0015	0.8158	0.8789	0.9714	Ave		0.885 3				10.0		20.0			
Benzene	1.1019 1.5013	1.3250 1.6121	1.3176	1.4051	1.5041	Ave		1.395 3				12.0		20.0			
Tert-amyl methyl ether	1.0902 1.4197	1.2697 1.5358	1.2465	1.3550	1.4244	Ave		1.334 5				10.9		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 Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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-Dichloroethane	0.3628 0.4944	0.4338 0.5397	0.4314	0.4703	0.4955	Ave		0.461 1				12.5		20.0			
n-Butanol	0.0039 0.0042	0.0047 0.0044	0.0040	0.0042	0.0047	Ave		0.004 3				7.5		20.0			
Trichloroethene	0.2592 0.3908	0.3306 0.4167	0.3477	0.3782	0.3899	Ave		0.359 0				14.6		20.0			
Methylcyclohexane	0.4446 0.5964	0.5490 0.6432	0.5256	0.5616	0.6432	Ave		0.566 2				12.4		20.0			
1,2-Dichloropropane	0.2690 0.3400	0.3093 0.3571	0.2909	0.3225	0.3324	Ave		0.317 3				9.5		20.0			
Methyl methacrylate	0.2679 0.3181	0.2663 0.3429	0.2728	0.3013	0.3197	Ave		0.298 4				10.1		20.0			
1,4-Dioxane (P-Dioxane)	0.0039 0.0048	0.0040 0.0057	0.0040	0.0041	0.0043	Ave		0.004 4				14.4		20.0			
Dibromomethane	0.1713 0.2557	0.2170 0.2735	0.2196	0.2468	0.2491	Ave		0.233 3				14.5		20.0			
Bromodichloromethane	0.3545 0.5053	0.4343 0.5385	0.4423	0.4765	0.5148	Ave		0.466 6				13.4		20.0			
2-Nitropropane	0.1732 0.2016	0.1785 0.2233	0.1722	0.2003	0.2021	Ave		0.193 0				9.8		20.0			
2-Chloroethyl vinyl ether	0.1639 0.2438	0.2141 0.2644	0.2007	0.2238	0.2376	Ave		0.221 2				14.8		20.0			
Epichlorohydrin	0.0304 0.0346	0.0261 0.0378	0.0291	0.0298	0.0324	Ave		0.031 5				12.2		20.0			
cis-1,3-Dichloropropene	0.4833 0.6430	0.5243 0.6732	0.5411	0.5920	0.6380	Ave		0.585 0				12.1		20.0			
4-Methyl-2-pentanone	0.2747 0.3751	0.3072 0.4293	0.3003	0.3330	0.3577	Ave		0.339 6				15.4		20.0			
Toluene	0.9760 0.9558	0.9927 1.0030	0.9534	1.0453	1.0157	Ave		0.991 7				3.3		20.0			
trans-1,3-Dichloropropene	0.4911 0.6347	0.5955 0.6840	0.5837	0.6513	0.6537	Ave		0.613 4				10.5		20.0			
Ethyl methacrylate	0.4389 0.5389	0.5041 0.5710	0.5175	0.5663	0.5609	Ave		0.528 2				8.9		20.0			
1,1,2-Trichloroethane	0.2908 0.3116	0.2987 0.3254	0.2900	0.3357	0.3214	Ave		0.310 5				5.8		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 Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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								
Tetrachloroethene	0.2741 0.2984	0.2907 0.3059	0.2801	0.3140	0.3137	Ave		0.296 7				5.3		20.0			
1,3-Dichloropropane	0.5480 0.6177	0.6252 0.6536	0.6058	0.6551	0.6398	Ave		0.620 8				5.9		20.0			
2-Hexanone	0.2373 0.2685	0.2468 0.2985	0.2411	0.2677	0.2697	Ave		0.261 4				8.2		20.0			
Dibromochloromethane	0.3639 0.4234	0.3946 0.4431	0.3745	0.4330	0.4352	Ave		0.409 7				7.8		20.0			
1,2-Dibromoethane	0.3357 0.3714	0.3777 0.3891	0.3626	0.4000	0.3833	Ave		0.374 3				5.6		20.0			
1-Chlorohexane	++++ 0.3138	0.3764 0.3388	0.3177	0.3437	0.3361	Ave		0.337 7				6.6		20.0			
Chlorobenzene	1.0574 1.1377	1.1397 1.2003	1.0946	1.1977	1.1839	Ave		1.144 5				4.7		20.0			
Ethylbenzene	1.6072 1.9997	1.8930 2.1948	1.8101	2.0449	2.0311	Ave		1.940 1				9.8		20.0			
1,1,1,2-Tetrachloroethane	0.3603 0.4362	0.3864 0.4820	0.3776	0.4309	0.4327	Ave		0.415 1				10.2		20.0			
m,p-Xylenes	1.3277 1.5255	1.4504 1.6293	1.4369	1.5707	1.5705	Ave		1.501 6				6.8		20.0			
o-Xylene	1.4535 1.6239	1.4871 1.7559	1.4706	1.6485	1.6448	Ave		1.583 5				7.2		20.0			
Styrene	1.0479 1.3041	1.1583 1.4024	1.1489	1.2908	1.3006	Ave		1.236 1				9.8		20.0			
Bromoform	0.1684 0.2725	0.2332 0.2903	0.2307	0.2720	0.2690	Ave		0.248 0				16.7		20.0			
Isopropylbenzene	1.5851 2.0133	1.7875 2.1671	1.7902	2.0483	2.0388	Ave		1.918 6				10.6		20.0			
cis-1,4-Dichloro-2-butene	0.1562 0.1927	0.1509 0.2162	0.1576	0.1825	0.1883	Ave		0.177 8				13.5		20.0			
Cyclohexanone	0.0137 0.0133	0.0118 0.0155	0.0111	0.0122	0.0128	Ave		0.012 9				11.1		20.0			
Bromobenzene	0.8424 0.8553	0.9935 0.9086	0.8753	0.9941	0.9220	Ave		0.913 0				6.8		20.0			
1,1,2,2-Tetrachloroethane	0.9182 0.9116	1.0402 0.9817	0.9488	1.0773	1.0132	Ave		0.984 4				6.4		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 Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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								
N-Propylbenzene	4.1818 4.3370	4.6831 4.7130	4.3081	4.9700	4.7390	Ave		4.561 7				6.3		20.0			
1,2,3-Trichloropropane	1.0822 1.1847	1.2732 1.2895	1.1588	1.3142	1.2663	Ave		1.224 1				6.9		20.0			
trans-1,4-Dichloro-2-butene	0.2882 0.2744	0.2640 0.2993	0.2563	0.2915	0.2878	Ave		0.280 2				5.6		20.0			
2-Chlorotoluene	2.7088 2.9713	3.0001 3.3926	2.7512	3.2134	3.1205	Ave		3.022 6				8.1		20.0			
4-Ethyltoluene	2.7080 3.1044	3.2160 3.5407	2.8897	3.3543	3.2620	Ave		3.153 6				8.9		20.0			
1,3,5-Trimethylbenzene	2.7868 3.1619	3.4279 3.3713	3.1124	3.5572	3.4149	Ave		3.261 8				8.0		20.0			
4-Chlorotoluene	2.6119 2.5556	2.8039 2.7715	2.5237	2.8841	2.7771	Ave		2.704 0				5.1		20.0			
tert-Butylbenzene	2.4712 2.7322	2.8376 2.9553	2.6581	3.0965	2.9233	Ave		2.810 6				7.4		20.0			
1,2,4-Trimethylbenzene	2.9779 3.2591	3.5375 3.5794	3.1448	3.6616	3.4901	Ave		3.378 6				7.5		20.0			
sec-Butylbenzene	3.7202 3.9047	4.1768 4.2159	3.8153	4.5169	4.2458	Ave		4.085 1				6.9		20.0			
p-Cymene (p-Isopropyltoluene)	3.2266 3.9117	3.8022 4.4657	3.4356	4.1242	4.0351	Ave		3.857 3				10.9		20.0			
1,3-Dichlorobenzene	1.6071 1.8755	1.8700 2.2070	1.6812	1.9712	1.9344	Ave		1.878 1				10.5		20.0			
Dicyclopentadiene	4.4777 3.1755	3.7594 3.3497	3.3039	3.6588	3.4074	Ave		3.590 3				12.3		20.0			
1,4-Dichlorobenzene	1.7902 1.8448	1.9766 2.0331	1.7654	1.9778	1.9551	Ave		1.906 1				5.5		20.0			
Benzyl chloride	0.3673 0.4792	0.4847 0.5094	0.4273	0.5146	0.5282	Ave		0.473 0				12.1		20.0			
n-Butylbenzene	2.7974 3.1247	3.2671 3.3937	2.9286	3.5145	3.3851	Ave		3.201 6				8.2		20.0			
1,2-Dichlorobenzene	1.6491 1.6703	1.9142 1.7880	1.6359	1.9325	1.7935	Ave		1.769 1				6.9		20.0			
1,2-Dibromo-3-Chloropropane	0.1370 0.1910	0.2187 0.2011	0.1772	0.2209	0.2184	Ave		0.194 9				15.6		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 Houston Job No.: 860-47477-1 Analy Batch No.: 98266
SDG No.: _____
Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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-Trichlorobenzene	0.9160 1.0632	1.1810 1.1000	1.0652	1.2747	1.2140	Ave		1.116 3				10.6		20.0			
Hexachlorobutadiene	0.4021 0.4051	0.5047 0.4094	0.4275	0.4900	0.4854	Ave		0.446 3				10.1		20.0			
Naphthalene	2.7548 2.8475	3.0491 3.0183	2.9618	3.4536	3.2897	Ave		3.053 5				8.0		20.0			
1,2,3-Trichlorobenzene	0.8213 0.8794	1.0742 0.9168	0.9187	1.1127	1.0575	Ave		0.968 6				11.5		20.0			
2-Methylnaphthalene	0.7032 0.9822	0.9759 0.9815	0.9782	1.1990	1.2245	Ave		1.006 4				17.2		20.0			
1-Methylnaphthalene	0.6120 0.6824	0.7390 0.6734	0.7623	0.8951	0.8796	Ave		0.749 1				14.2		20.0			
Dibromofluoromethane (Surr)	0.5332 0.5184	0.5043 0.5966	0.5104	0.5233	0.5202	Ave		0.529 5				5.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3518 0.3686	0.3649 0.3784	0.3627	0.3544	0.3468	Ave		0.361 1				3.0		20.0			
Toluene-d8 (Surr)	1.4056 1.2717	1.3959 1.2699	1.3722	1.4010	1.3421	Ave		1.351 2				4.4		20.0			
4-Bromofluorobenzene (Surr)	0.9778 0.8901	1.0054 0.8824	0.9557	0.9643	0.9372	Ave		0.944 7				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-98266/2	T04122308.D
Level 2	IC 860-98266/3	T04122309.D
Level 3	IC 860-98266/4	T04122310.D
Level 4	IC 860-98266/5	T04122311.D
Level 5	ICIS 860-98266/6	T04122312.D
Level 6	IC 860-98266/7	T04122313.D
Level 7	IC 860-98266/8	T04122314.D

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
Propene	PFB	Lin1	9597 563689	33344 885643	62112	141375	277844	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorodifluoromethane	PFB	Ave	4401 558380	28279 858311	47637	135520	283009	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	5578 537354	28356 830768	52370	128501	257025	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	8572 857471	41944 1260823	82957	220095	459201	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	5636 653162	29606 1007700	58355	146512	344274	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	21956 630359	113987 835538	223224	417685	460513	10.0 1000	50.0 1500	100	250	500
Bromomethane	PFB	Ave	7285 254864	39961 377395	83305	173998	213124	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	5801 745180	34781 ++++	67435	169366	381259	1.00 100	5.00 ++++	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	7550 1007685	42383 1568923	74915	224752	503565	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorofluoromethane	PFB	Ave	9159 1111763	49603 1802104	98128	242699	550693	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	3187 311043	13594 498681	28260	73336	151962	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	2625 338702	15959 534178	30469	81662	168385	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	3289 337252	13400 559868	27806	78031	163923	5.00 500	25.0 750	50.0	125	250

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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
1,1-Dichloroethene	PFB	Ave	3114 450296	19639 715363	41972	108303	218686	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	2612 224803	10019 378641	21954	51324	108498	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Qua	2851 729508	22854 1187276	49359	139819	326617	1.00 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	12107 1615532	69105 2594961	133151	349944	774903	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	2644 292815	13003 502741	23749	54685	129924	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	2153 264645	13650 432432	24626	58072	139638	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	8754 789797	35858 1288316	71653	186713	386642	2.00 200	10.0 300	20.0	50.0	100
Acetonitrile	PFB	Ave	4844 372156	17659 598481	32521	82213	174304	10.0 1000	50.0 1500	100	250	500
Methylene Chloride	PFB	Ave	7554 608367	29654 920952	58391	146606	306776	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	4478 499255	19039 851509	39978	104670	228694	10.0 1000	50.0 1500	100	250	500
MTBE	PFB	Ave	13286 1605301	69157 2511009	146525	352987	779663	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,2-Dichloroethene	PFB	Ave	3450 480682	22499 797292	45209	114443	254679	1.00 100	5.00 150	10.0	25.0	50.0
Acrylonitrile	PFB	Ave	14590 1791304	73352 3007934	154072	389903	856166	10.0 1000	50.0 1500	100	250	500
n-Hexane	PFB	Ave	4117 523620	25584 827267	48415	124756	266120	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl ether	PFB	Ave	11685 1283267	57900 2043972	111878	290127	630996	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	6100 904223	38610 1475541	75824	193524	424733	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	46734 5767377	249498 9725461	483944	1281390	2801236	5.00 500	25.0 750	50.0	125	250
Chloroprene	PFB	Ave	+++++ 709327	27980 1196352	55603	142726	320945	+++++ 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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 tert-butyl ether	PFB	Ave	12309 1502557	63935 2400764	132779	343988	737922	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	6927 850142	37396 1393355	72571	203288	431153	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	5749 687867	32280 1144250	62226	160252	341783	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	3419 371136	17038 653579	34666	94476	184589	5.00 500	25.0 750	50.0	125	250
Ethyl acetate	PFB	Ave	23135 2315172	100232 3855068	208013	503834	1122037	2.00 200	10.0 300	20.0	50.0	100
Propane Nitrile (Propionitrile)	PFB	Ave	6262 772741	33158 1251589	66473	162362	367783	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Ave	++++ 261503	14557 445894	26203	60214	122958	++++ 200	10.0 300	20.0	50.0	100
Bromochloromethane	PFB	Ave	2975 421459	18815 688803	37562	91569	205810	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	23018 3124076	123412 ++++	259279	657712	1431367	10.0 1000	50.0 ++++	100	250	500
Chloroform	PFB	Ave	7688 1040353	45871 1816219	85820	230669	490948	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	5862 801669	36343 1271419	75161	192592	415893	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	7094 921248	38605 1446771	85589	209607	457263	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	12218 873851	44599 1363161	83860	217882	444503	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	7100 738909	31433 1188570	61738	170932	363028	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	6919 821032	32614 1451817	65007	164776	370689	25.0 2500	125 3750	250	625	1250
2,2,4-Trimethylpentane	DFBZ	Ave	12581 1483547	66720 2405869	132858	336700	751449	1.00 100	5.00 150	10.0	25.0	50.0
Benzene	DFBZ	Ave	18231 2380948	106076 3872919	214576	538266	1163588	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	18038 2251552	101649 3689611	202983	519063	1101873	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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
1,2-Dichloroethane	DFBZ	Ave	6003 784092	34728 1296618	70260	180152	383312	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DFBZ	Ave	1589 166628	9385 264583	16137	39922	89619	24.8 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	4289 619806	26465 1001156	56616	144869	301639	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	7356 945772	43951 1545301	85591	215130	497585	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	4450 539227	24760 857944	47366	123532	257111	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	8865 1008940	42646 1647376	88857	230808	494639	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	1301 151700	6418 272658	12918	31567	67204	20.0 2000	100 3000	200	500	1000
Dibromomethane	DFBZ	Ave	2834 405521	17371 657032	35761	94546	192725	1.00 100	5.00 150	10.0	25.0	50.0
Bromodichloromethane	DFBZ	Ave	5865 801318	34772 1293774	72033	182556	398258	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane	CBNZ d5	Ave	5143 642337	25782 1094927	51162	137400	299779	2.00 200	10.0 300	20.0	50.0	100
2-Chloroethyl vinyl ether	DFBZ	Ave	2711 386605	17144 635234	32677	85749	183785	1.00 100	5.00 150	10.0	25.0	50.0
Epichlorohydrin	DFBZ	Ave	5029 549925	20900 907799	47490	114405	250717	10.0 1001	50.0 1501	100	250	500
cis-1,3-Dichloropropene	DFBZ	Ave	7997 1019806	41977 1617304	88112	226776	493533	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	22723 2974459	122962 5156924	244538	637794	1383719	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZ d5	Ave	14495 1522403	71694 2458741	141604	358574	753404	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	7293 1010986	43009 1676818	86688	223409	484923	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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	CBNZ d5	Ave	6518 858315	36406 1399747	76856	194258	416019	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	4318 496373	21574 797581	43067	115159	238414	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZ d5	Ave	4070 475284	20995 749969	41601	107696	232659	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	8139 983844	45155 1602263	89974	224727	474611	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZ d5	Ave	17618 2138503	89113 3658217	179080	459108	1000271	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZ d5	Ave	5405 674436	28496 1086152	55622	148533	322805	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	4985 591508	27279 953840	53859	137225	284287	1.00 100	5.00 150	10.0	25.0	50.0
1-Chlorohexane	CBNZ d5	Ave	+++++ 499893	27185 830471	47181	117882	249301	+++++ 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZ d5	Ave	15704 1812205	82315 2942331	162567	410826	878188	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZ d5	Ave	23869 3185211	136721 5380413	268838	701457	1506606	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5351 694762	27908 1181533	56085	147803	320931	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZ d5	Ave	19718 2429928	104755 3994115	213418	538778	1164913	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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
o-Xylene	CBNZ d5	Ave	21586	107403	218414	565477	1220063	1.00	5.00	10.0	25.0	50.0
			2586683	4304554				100	150			
Styrene	CBNZ d5	Ave	15562	83657	170642	442773	964715	1.00	5.00	10.0	25.0	50.0
			2077277	3437809				100	150			
Bromoform	CBNZ d5	Ave	2501	16841	34258	93312	199509	1.00	5.00	10.0	25.0	50.0
			434087	711591				100	150			
Isopropylbenzene	CBNZ d5	Ave	23541	129097	265881	702607	1512318	1.00	5.00	10.0	25.0	50.0
			3206819	5312539				100	150			
cis-1,4-Dichloro-2-butene	CBNZ d5	Ave	2319	10895	23413	62615	139647	1.00	5.00	10.0	25.0	50.0
			306950	530050				100	150			
Cyclohexanone	CBNZ d5	Ave	10174	42597	82584	209037	472953	50.0	250	500	1250	2500
			1060875	1893970				5000	7500			
Bromobenzene	DCBd 4	Ave	6101	33742	65308	168039	359040	1.00	5.00	10.0	25.0	50.0
			777239	1265555				100	150			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	6650	35330	70799	182106	394579	1.00	5.00	10.0	25.0	50.0
			828424	1367277				100	150			
N-Propylbenzene	DCBd 4	Ave	30286	159058	321451	840115	1845478	1.00	5.00	10.0	25.0	50.0
			3941146	6564283				100	150			
1,2,3-Trichloropropane	DCBd 4	Ave	7838	43244	86463	222146	493108	1.00	5.00	10.0	25.0	50.0
			1076583	1796072				100	150			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	2087	8965	19125	49275	112090	1.00	5.00	10.0	25.0	50.0
			249344	416890				100	150			
2-Chlorotoluene	DCBd 4	Ave	19618	101896	205282	543194	1215205	1.00	5.00	10.0	25.0	50.0
			2700107	4725204				100	150			

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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
4-Ethyltoluene	DCBd 4	Ave	19612	109228	215620	567011	1270285	1.00	5.00	10.0	25.0	50.0
			2821063	4931599				100	150			
1,3,5-Trimethylbenzene	DCBd 4	Ave	20183	116424	232233	601301	1329839	1.00	5.00	10.0	25.0	50.0
			2873293	4695555				100	150			
4-Chlorotoluene	DCBd 4	Ave	18916	95231	188312	487528	1081452	1.00	5.00	10.0	25.0	50.0
			2322359	3860185				100	150			
tert-Butylbenzene	DCBd 4	Ave	17897	96377	198337	523435	1138404	1.00	5.00	10.0	25.0	50.0
			2482831	4116173				100	150			
1,2,4-Trimethylbenzene	DCBd 4	Ave	21567	120147	234655	618945	1359120	1.00	5.00	10.0	25.0	50.0
			2961601	4985432				100	150			
sec-Butylbenzene	DCBd 4	Ave	26943	141860	284680	763534	1653411	1.00	5.00	10.0	25.0	50.0
			3548306	5871983				100	150			
p-Cymene (p-Isopropyltoluene)	DCBd 4	Ave	23368	129136	256348	697157	1571340	1.00	5.00	10.0	25.0	50.0
			3554670	6219958				100	150			
1,3-Dichlorobenzene	DCBd 4	Ave	11639	63514	125447	333212	753315	1.00	5.00	10.0	25.0	50.0
			1704285	3073887				100	150			
Dicyclopentadiene	DCBd 4	Ave	32429	127684	246521	618477	1326927	1.00	5.00	10.0	25.0	50.0
			2885645	4665471				100	150			
1,4-Dichlorobenzene	DCBd 4	Ave	12965	67132	131726	334331	761357	1.00	5.00	10.0	25.0	50.0
			1676427	2831730				100	150			
Benzyl chloride	DCBd 4	Ave	2660	16462	31885	86994	205674	1.00	5.00	10.0	25.0	50.0
			435464	709506				100	150			
n-Butylbenzene	DCBd 4	Ave	20260	110964	218521	594083	1318241	1.00	5.00	10.0	25.0	50.0
			2839517	4726741				100	150			

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

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
1,2-Dichlorobenzene	DCBd 4	Ave	11943	65012	122062	326665	698434	1.00	5.00	10.0	25.0	50.0
			1517862	2490352				100	150			
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	992	7428	13225	37346	85057	1.00	5.00	10.0	25.0	50.0
			173594	280103				100	150			
1,2,4-Trichlorobenzene	DCBd 4	Ave	6634	40113	79483	215481	472748	1.00	5.00	10.0	25.0	50.0
			966178	1532129				100	150			
Hexachlorobutadiene	DCBd 4	Ave	2912	17141	31896	82823	189007	1.00	5.00	10.0	25.0	50.0
			368153	570150				100	150			
Naphthalene	DCBd 4	Ave	19951	103558	220999	583786	1281090	1.00	5.00	10.0	25.0	50.0
			2587635	4203925				100	150			
1,2,3-Trichlorobenzene	DCBd 4	Ave	5948	36484	68548	188094	411809	1.00	5.00	10.0	25.0	50.0
			799115	1276883				100	150			
2-Methylnaphthalene	DCBd 4	Ave	5093	33146	72988	202676	476837	1.00	5.00	10.0	25.0	50.0
			892587	1367013				100	150			
1-Methylnaphthalene	DCBd 4	Ave	4432	25101	56881	151302	342535	1.00	5.00	10.0	25.0	50.0
			620160	937929				100	150			
Dibromofluoromethane (Surr)	PFB	Ave	249255	242497	241696	233869	228633	50.0	50.0	50.0	50.0	50.0
			241386	255057				50.0	50.0			
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	291047	292121	295311	271547	268252	50.0	50.0	50.0	50.0	50.0
			292255	303052				50.0	50.0			
Toluene-d8 (Surr)	CBNZ d5	Ave	1043737	1008189	1019023	961141	995522	50.0	50.0	50.0	50.0	50.0
			1012773	1037709				50.0	50.0			
4-Bromofluorobenzene (Surr)	DCBd 4	Ave	354084	341483	356546	326013	364975	50.0	50.0	50.0	50.0	50.0
			404449	409666				50.0	50.0			

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

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 98266
SDG No.: _____
Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/12/2023 11:47 Calibration End Date: 04/12/2023 13:41 Calibration ID: 4951

Curve Type Legend

Ave = Average ISTD Lin1 = Linear 1/conc ISTD Qua = Quadratic ISTD

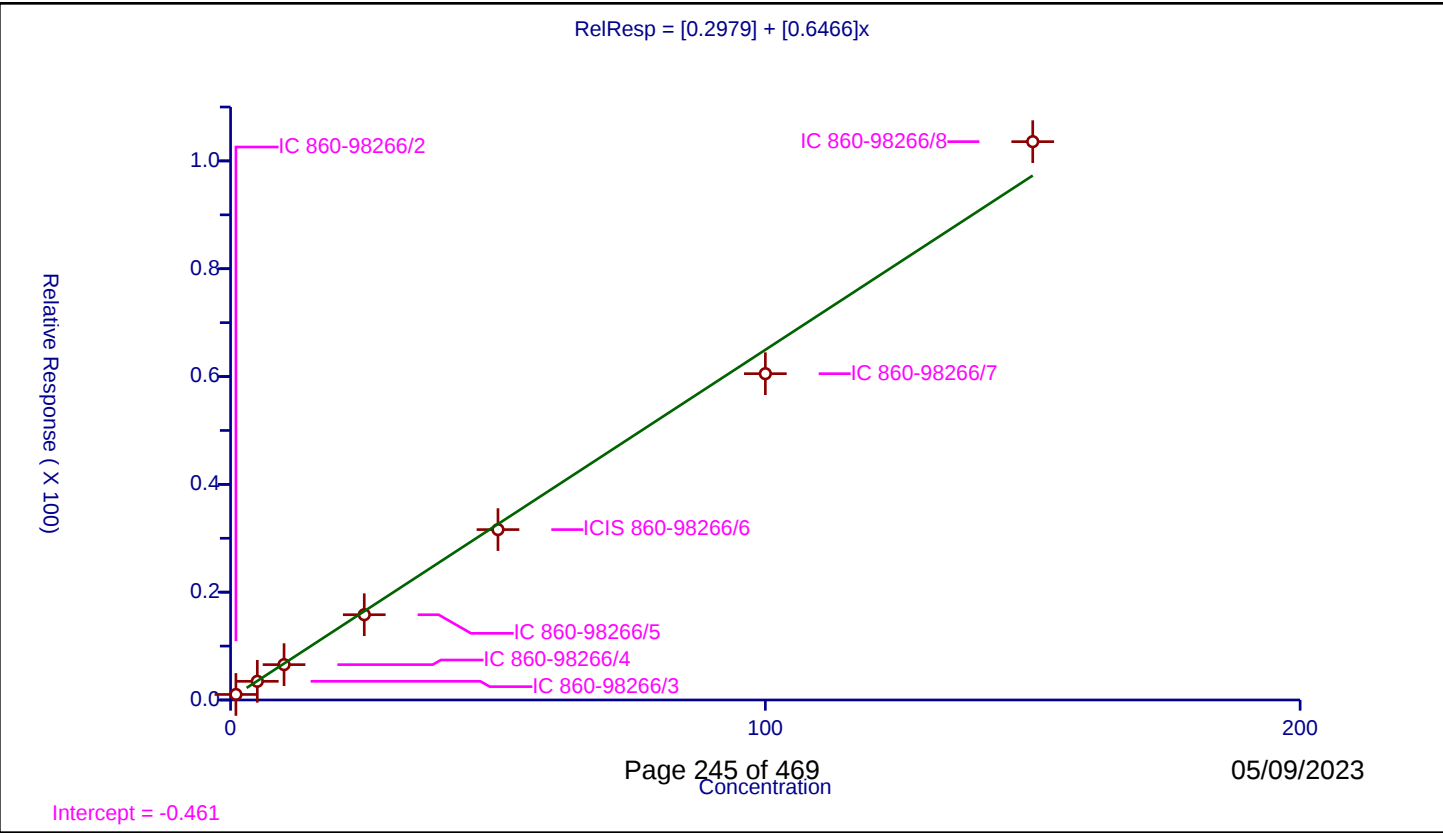
Calibration

/ Propene

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0.2979
Slope:	0.6466
Error Coefficients	
Standard Error:	491000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.026569	50.0	467431.0	1.026569	Y
2	IC 860-98266/3	5.0	3.467359	50.0	480827.0	0.693472	Y
3	IC 860-98266/4	10.0	6.557972	50.0	473561.0	0.655797	Y
4	IC 860-98266/5	25.0	15.815846	50.0	446941.0	0.632634	Y
5	ICIS 860-98266/6	50.0	31.610108	50.0	439486.0	0.632202	Y
6	IC 860-98266/7	100.0	60.532182	50.0	465611.0	0.605322	Y
7	IC 860-98266/8	150.0	103.57477	50.0	427538.0	0.690498	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

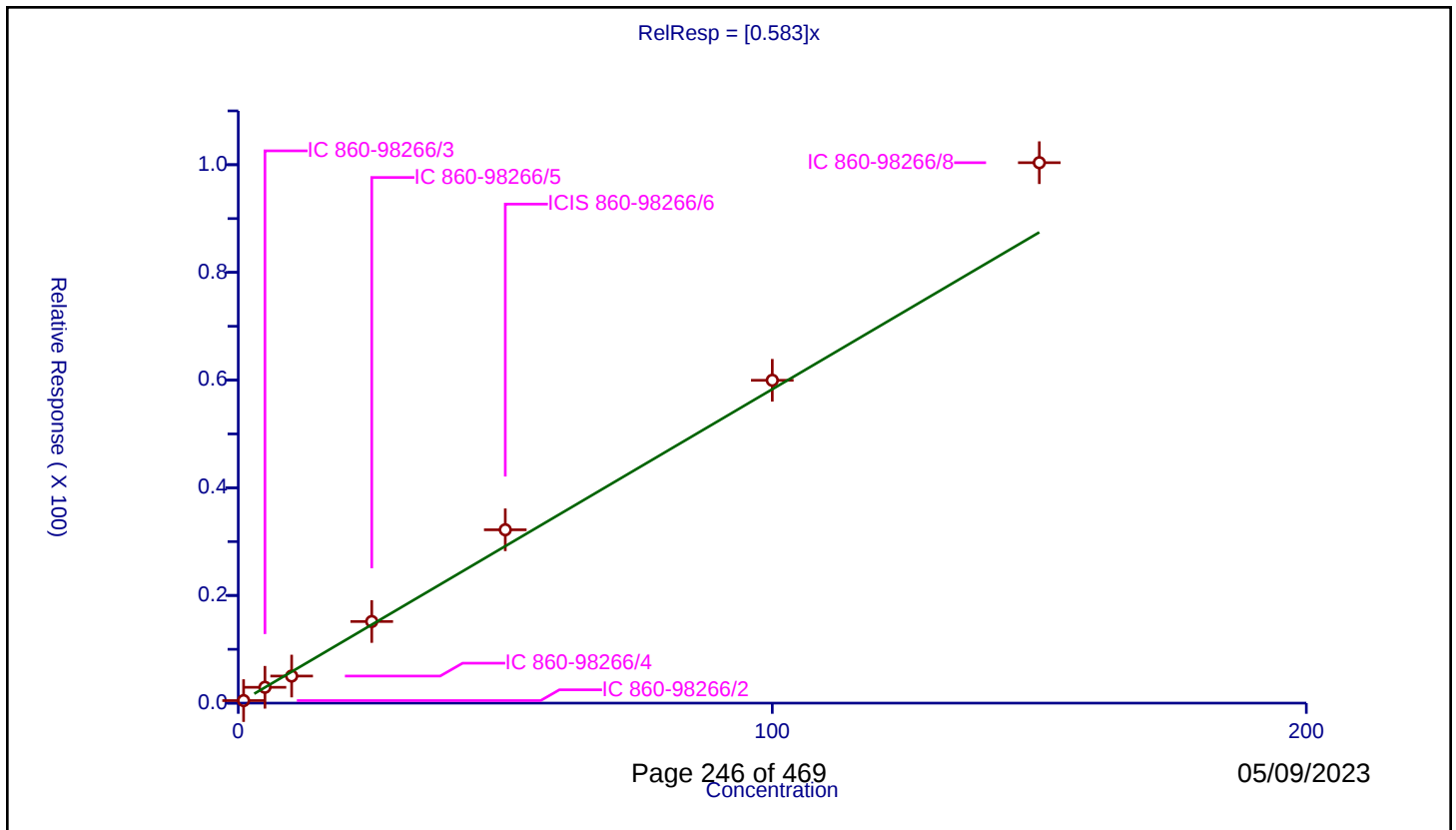
Curve Coefficients

Intercept: 0
Slope: 0.583

Error Coefficients

Standard Error: 438000
Relative Standard Error: 12.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.470765	50.0	467431.0	0.470765	Y
2	IC 860-98266/3	5.0	2.940663	50.0	480827.0	0.588133	Y
3	IC 860-98266/4	10.0	5.029658	50.0	473561.0	0.502966	Y
4	IC 860-98266/5	25.0	15.160838	50.0	446941.0	0.606434	Y
5	ICIS 860-98266/6	50.0	32.197726	50.0	439486.0	0.643955	Y
6	IC 860-98266/7	100.0	59.962071	50.0	465611.0	0.599621	Y
7	IC 860-98266/8	150.0	100.378329	50.0	427538.0	0.669189	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

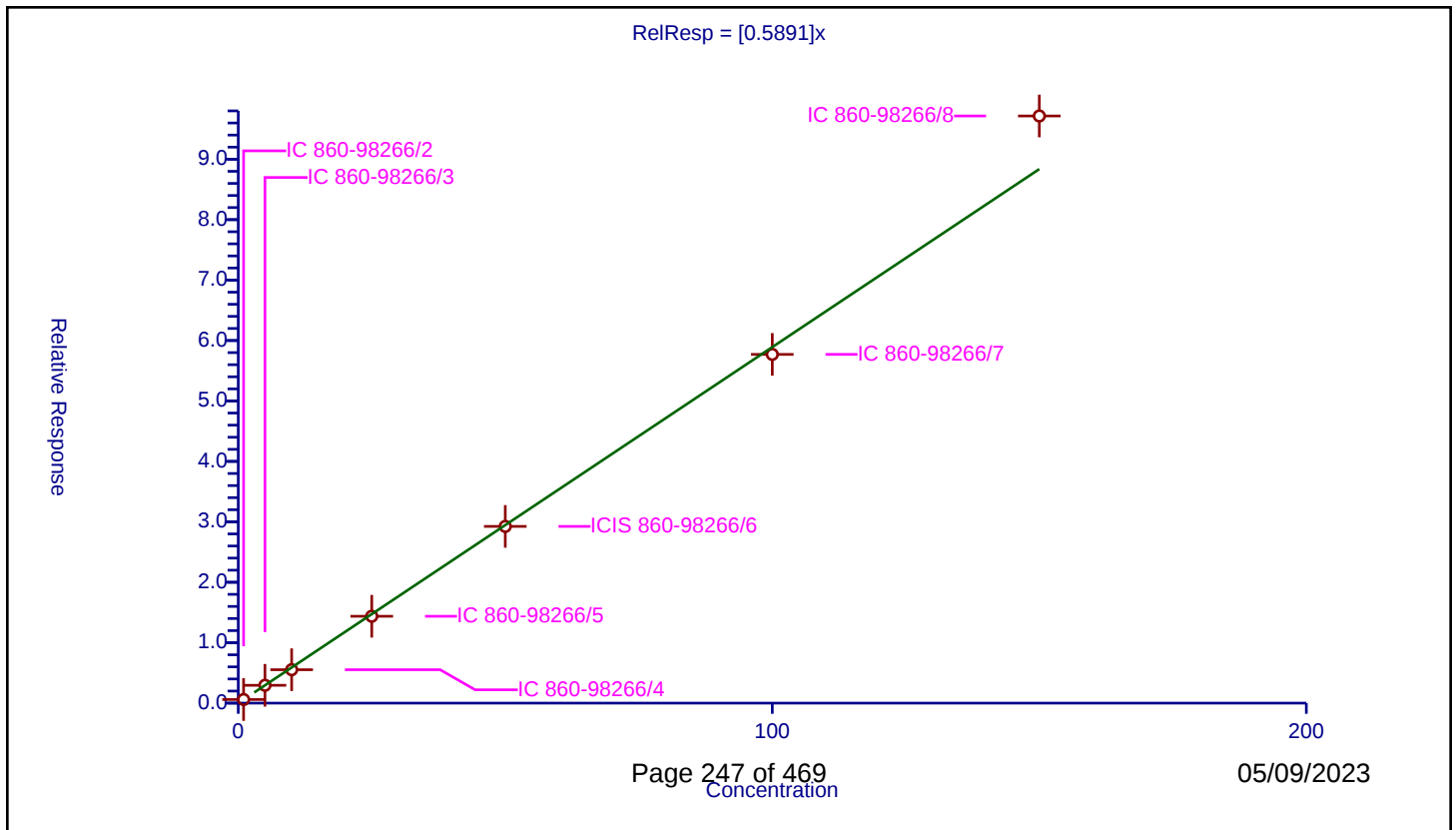
Curve Coefficients

Intercept: 0
Slope: 0.5891

Error Coefficients

Standard Error: 421000
Relative Standard Error: 5.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.596666	50.0	467431.0	0.596666	Y
2	IC 860-98266/3	5.0	2.94867	50.0	480827.0	0.589734	Y
3	IC 860-98266/4	10.0	5.529383	50.0	473561.0	0.552938	Y
4	IC 860-98266/5	25.0	14.375611	50.0	446941.0	0.575024	Y
5	ICIS 860-98266/6	50.0	29.241546	50.0	439486.0	0.584831	Y
6	IC 860-98266/7	100.0	57.704178	50.0	465611.0	0.577042	Y
7	IC 860-98266/8	150.0	97.157212	50.0	427538.0	0.647715	Y



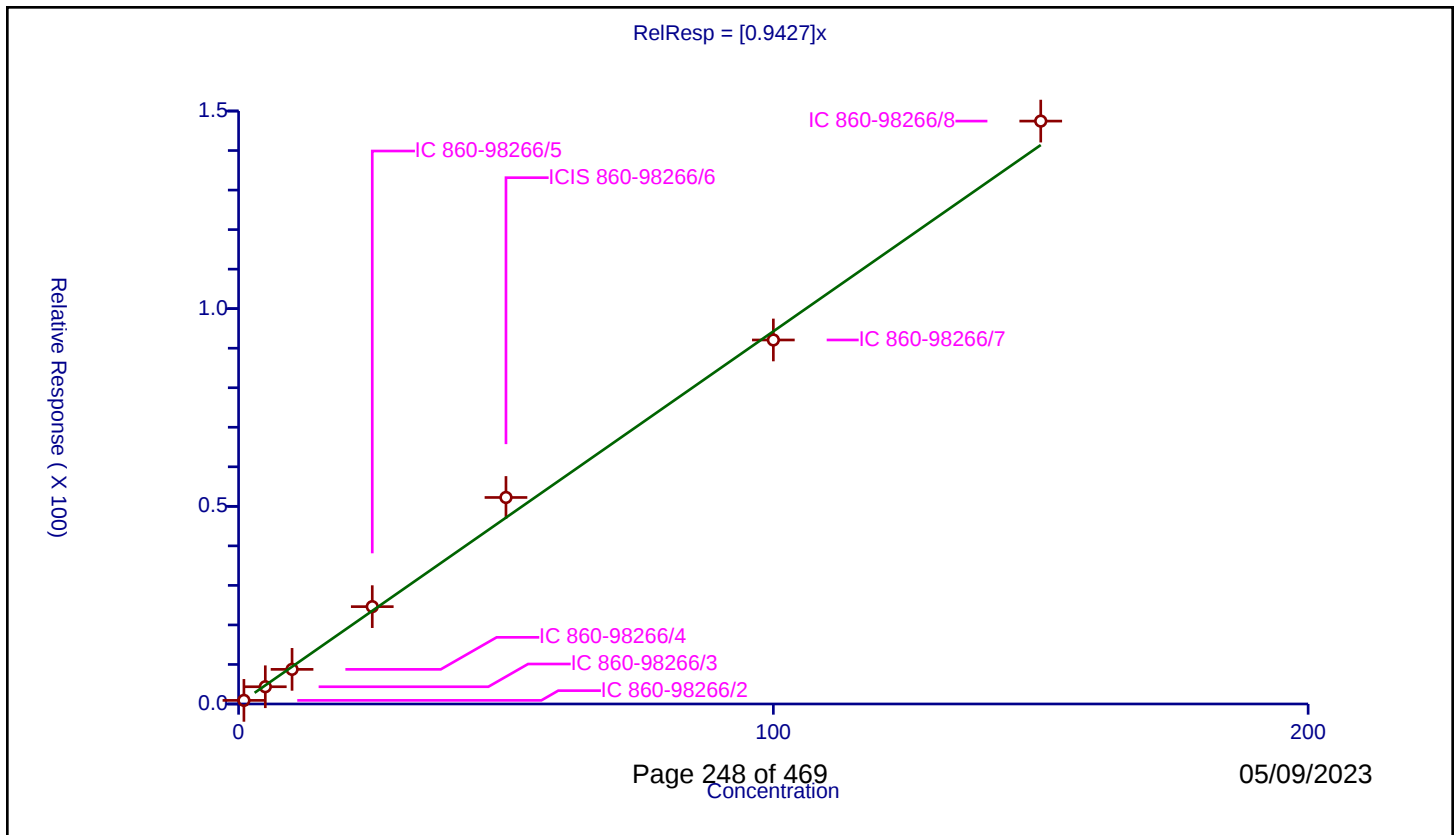
Calibration

/ 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:	0.9427
Error Coefficients	
Standard Error:	657000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.916927	50.0	467431.0	0.916927	Y
2	IC 860-98266/3	5.0	4.361652	50.0	480827.0	0.87233	Y
3	IC 860-98266/4	10.0	8.75885	50.0	473561.0	0.875885	Y
4	IC 860-98266/5	25.0	24.622377	50.0	446941.0	0.984895	Y
5	ICIS 860-98266/6	50.0	52.242961	50.0	439486.0	1.044859	Y
6	IC 860-98266/7	100.0	92.080191	50.0	465611.0	0.920802	Y
7	IC 860-98266/8	150.0	147.451572	50.0	427538.0	0.98301	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

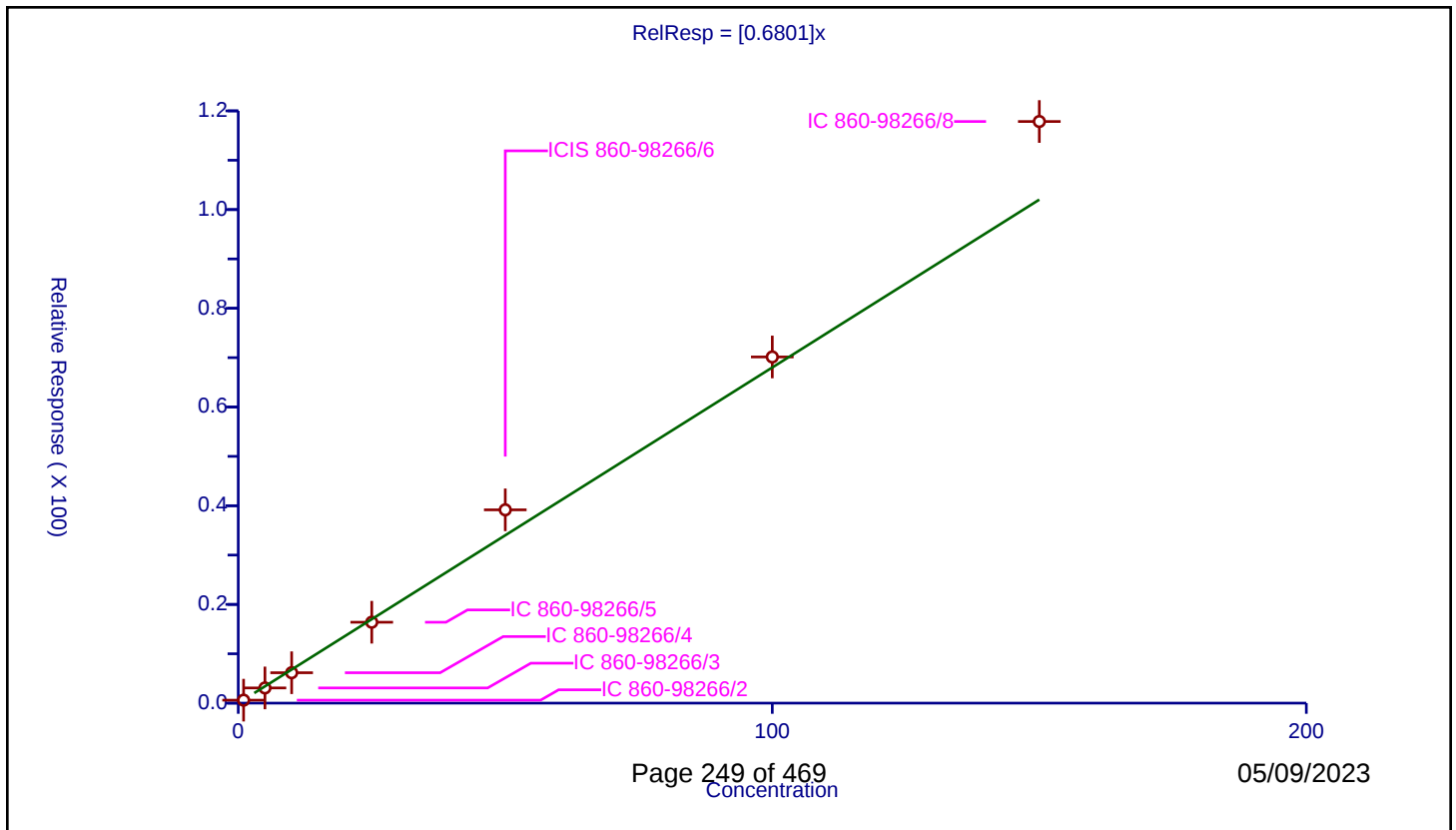
Curve Coefficients

Intercept: 0
Slope: 0.6801

Error Coefficients

Standard Error: 514000
Relative Standard Error: 11.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.60287	50.0	467431.0	0.60287	Y
2	IC 860-98266/3	5.0	3.078654	50.0	480827.0	0.615731	Y
3	IC 860-98266/4	10.0	6.161297	50.0	473561.0	0.61613	Y
4	IC 860-98266/5	25.0	16.39053	50.0	446941.0	0.655621	Y
5	ICIS 860-98266/6	50.0	39.167801	50.0	439486.0	0.783356	Y
6	IC 860-98266/7	100.0	70.14031	50.0	465611.0	0.701403	Y
7	IC 860-98266/8	150.0	117.849174	50.0	427538.0	0.785661	Y



Calibration

/ Ethylene oxide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

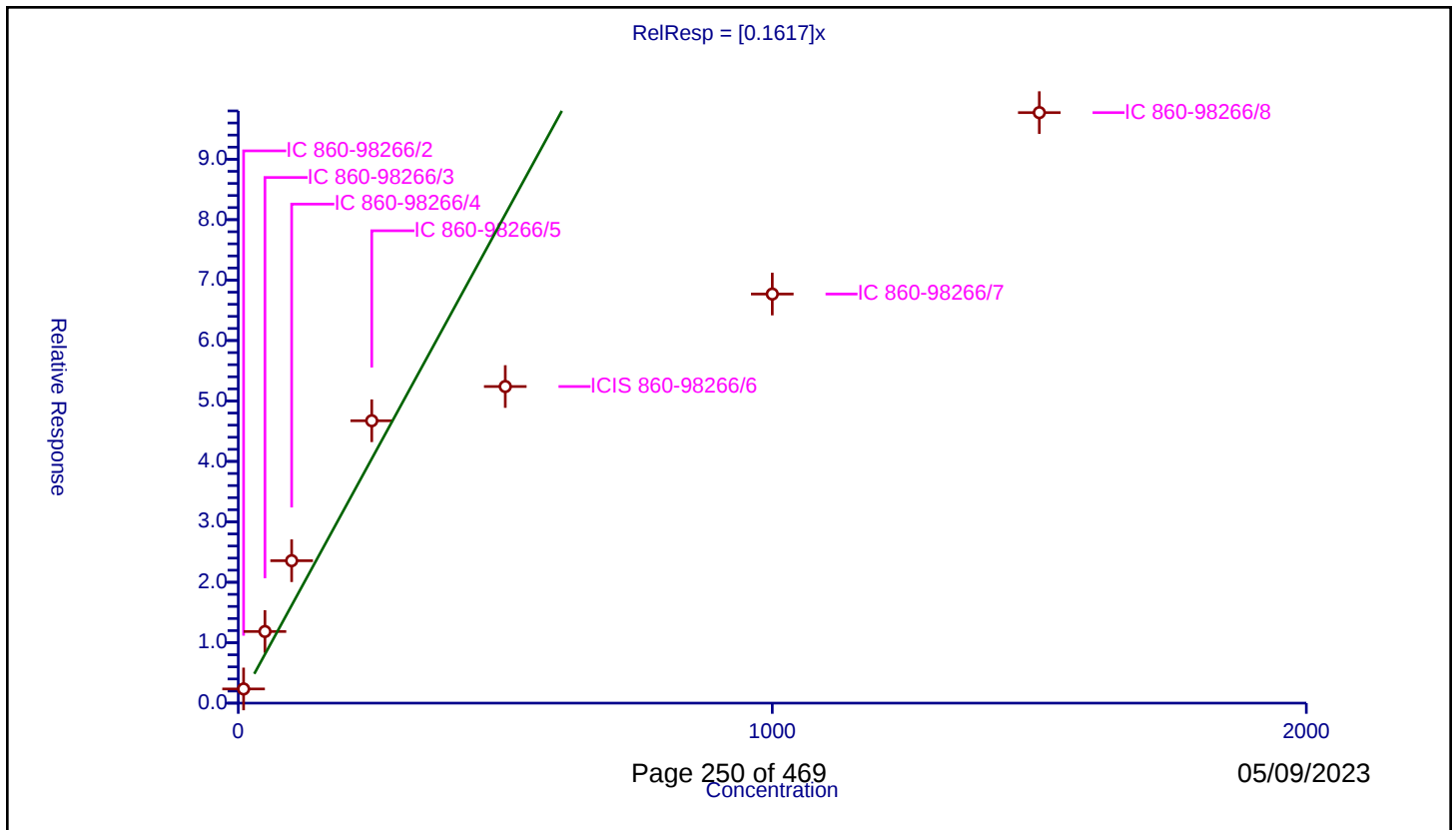
Curve Coefficients

Intercept: 0
Slope: 0.1617

Error Coefficients

Standard Error: 507000
Relative Standard Error: 49.6
Correlation Coefficient: 0.901
Coefficient of Determination (Adjusted): 0.695

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	10.0	2.348582	50.0	467431.0	0.234858	Y
2	IC 860-98266/3	50.0	11.853224	50.0	480827.0	0.237064	Y
3	IC 860-98266/4	100.0	23.568664	50.0	473561.0	0.235687	Y
4	IC 860-98266/5	250.0	46.727085	50.0	446941.0	0.186908	Y
5	ICIS 860-98266/6	500.0	52.392226	50.0	439486.0	0.104784	Y
6	IC 860-98266/7	1000.0	67.691592	50.0	465611.0	0.067692	Y
7	IC 860-98266/8	1500.0	97.715057	50.0	427538.0	0.065143	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

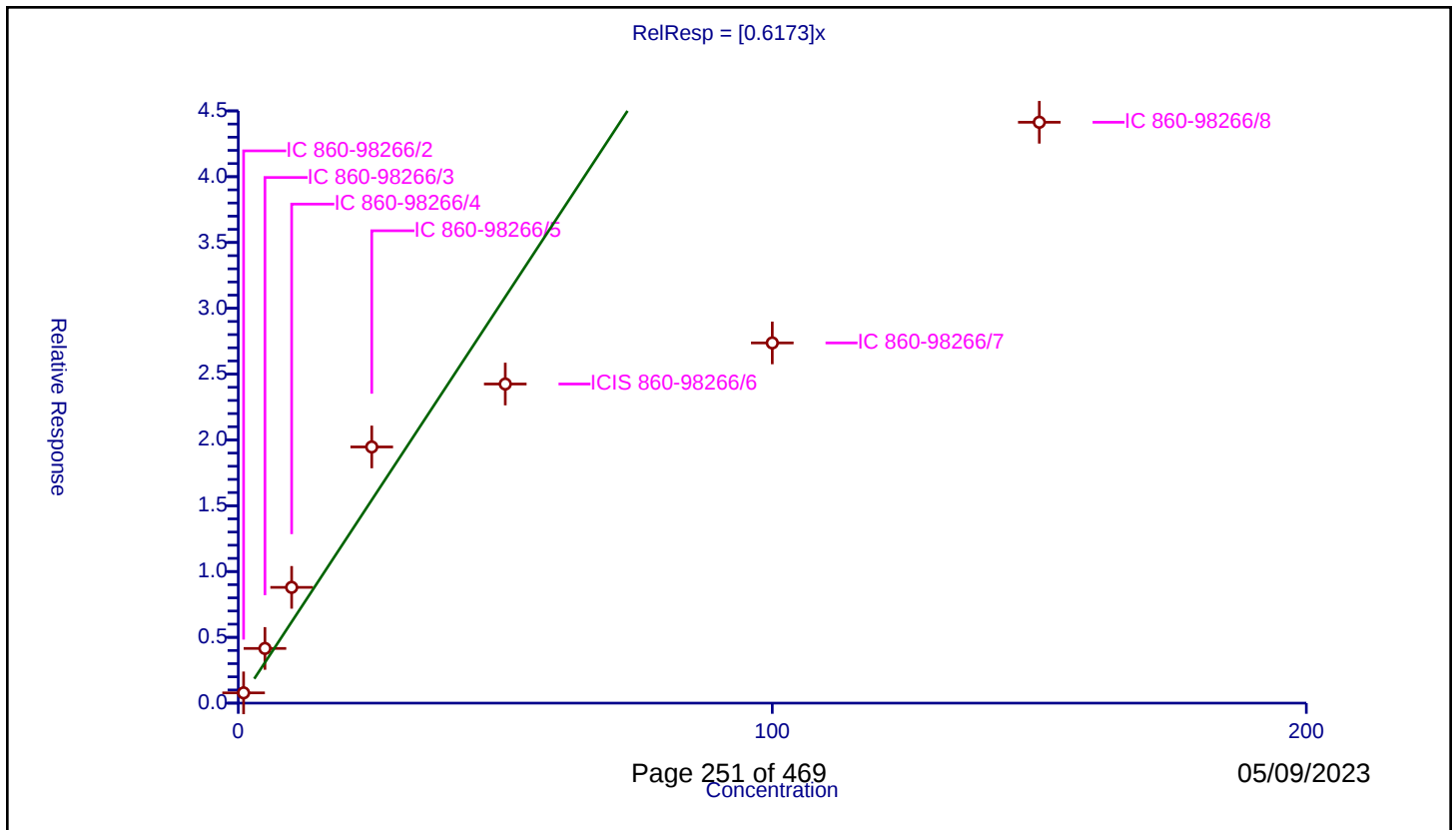
Curve Coefficients

Intercept: 0
Slope: 0.6173

Error Coefficients

Standard Error: 220000
Relative Standard Error: 42.2
Correlation Coefficient: 0.902
Coefficient of Determination (Adjusted): 0.793

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.779259	50.0	467431.0	0.779259	Y
2	IC 860-98266/3	5.0	4.155445	50.0	480827.0	0.831089	Y
3	IC 860-98266/4	10.0	8.795593	50.0	473561.0	0.879559	Y
4	IC 860-98266/5	25.0	19.465433	50.0	446941.0	0.778617	Y
5	ICIS 860-98266/6	50.0	24.246961	50.0	439486.0	0.484939	Y
6	IC 860-98266/7	100.0	27.368769	50.0	465611.0	0.273688	Y
7	IC 860-98266/8	150.0	44.135843	50.0	427538.0	0.294239	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

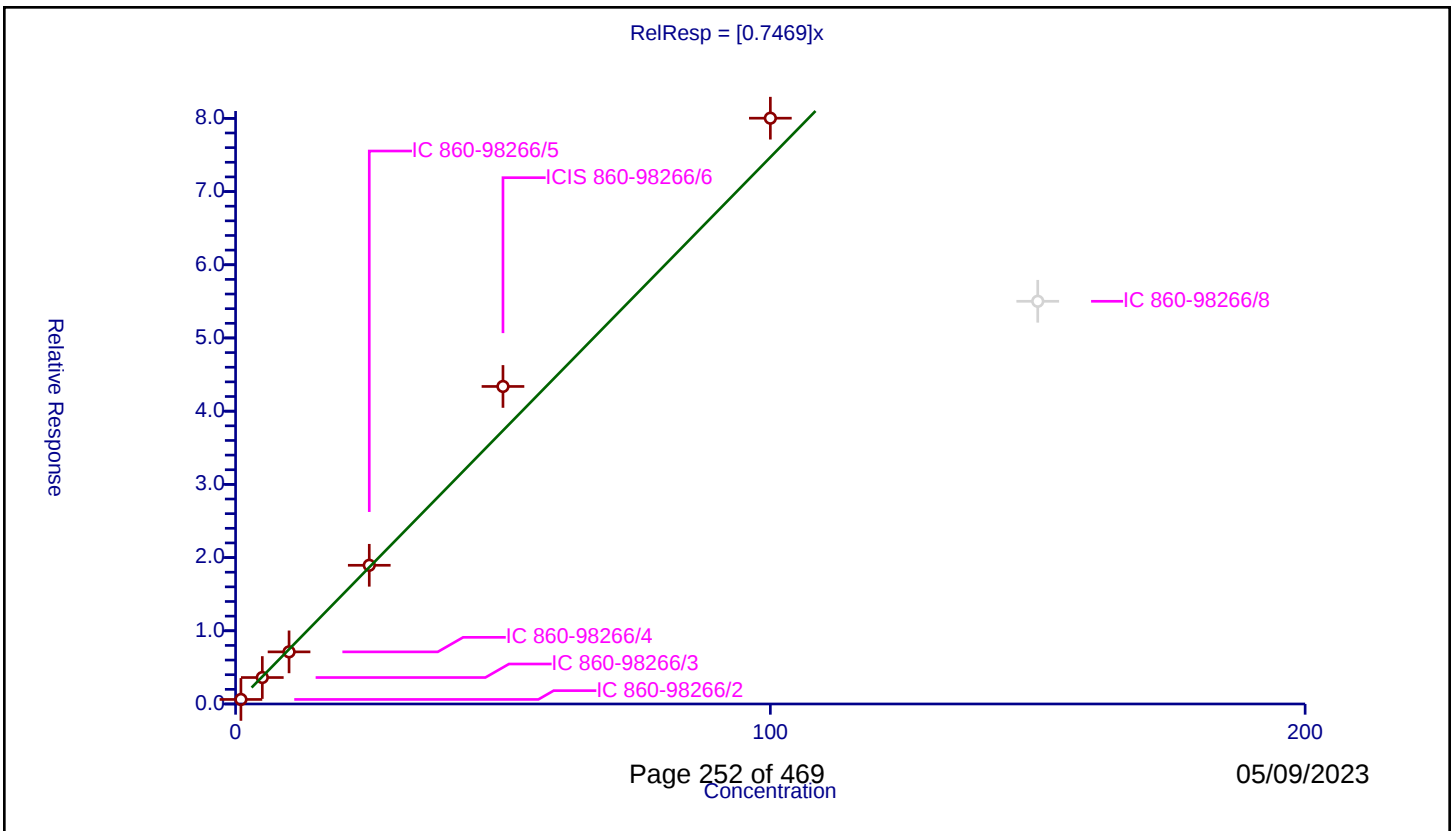
Curve Coefficients

Intercept: 0
Slope: 0.7469

Error Coefficients

Standard Error: 383000
Relative Standard Error: 11.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.620519	50.0	467431.0	0.620519	Y
2	IC 860-98266/3	5.0	3.616789	50.0	480827.0	0.723358	Y
3	IC 860-98266/4	10.0	7.119991	50.0	473561.0	0.711999	Y
4	IC 860-98266/5	25.0	18.947244	50.0	446941.0	0.75789	Y
5	ICIS 860-98266/6	50.0	43.375557	50.0	439486.0	0.867511	Y
6	IC 860-98266/7	100.0	80.021735	50.0	465611.0	0.800217	Y
7	IC 860-98266/8	150.0	55.010549	50.0	427538.0	0.366737	N



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

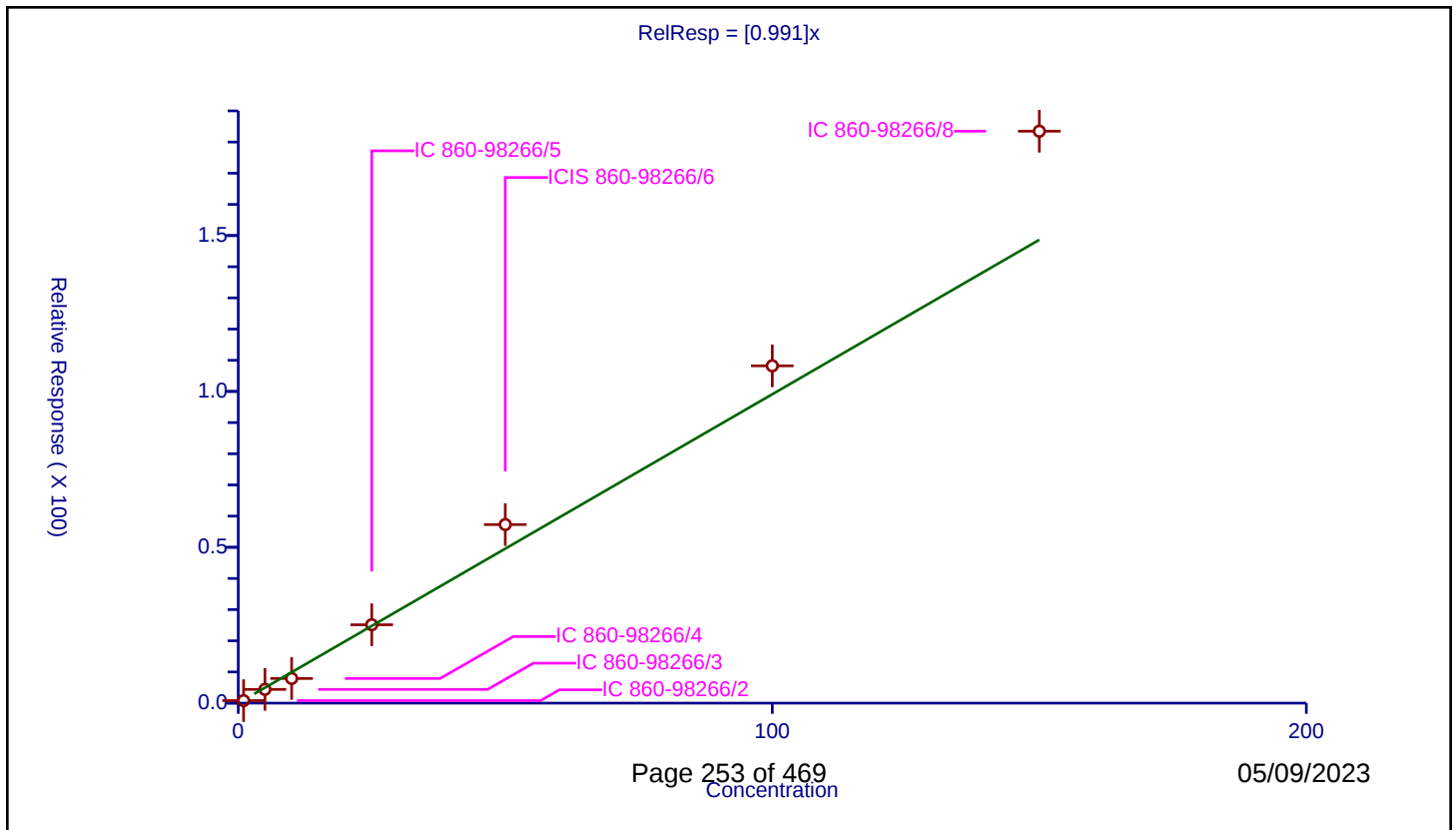
Curve Coefficients

Intercept: 0
Slope: 0.991

Error Coefficients

Standard Error: 795000
Relative Standard Error: 17.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.807606	50.0	467431.0	0.807606	Y
2	IC 860-98266/3	5.0	4.407302	50.0	480827.0	0.88146	Y
3	IC 860-98266/4	10.0	7.909752	50.0	473561.0	0.790975	Y
4	IC 860-98266/5	25.0	25.143363	50.0	446941.0	1.005735	Y
5	ICIS 860-98266/6	50.0	57.290221	50.0	439486.0	1.145804	Y
6	IC 860-98266/7	100.0	108.211039	50.0	465611.0	1.08211	Y
7	IC 860-98266/8	150.0	183.483456	50.0	427538.0	1.223223	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

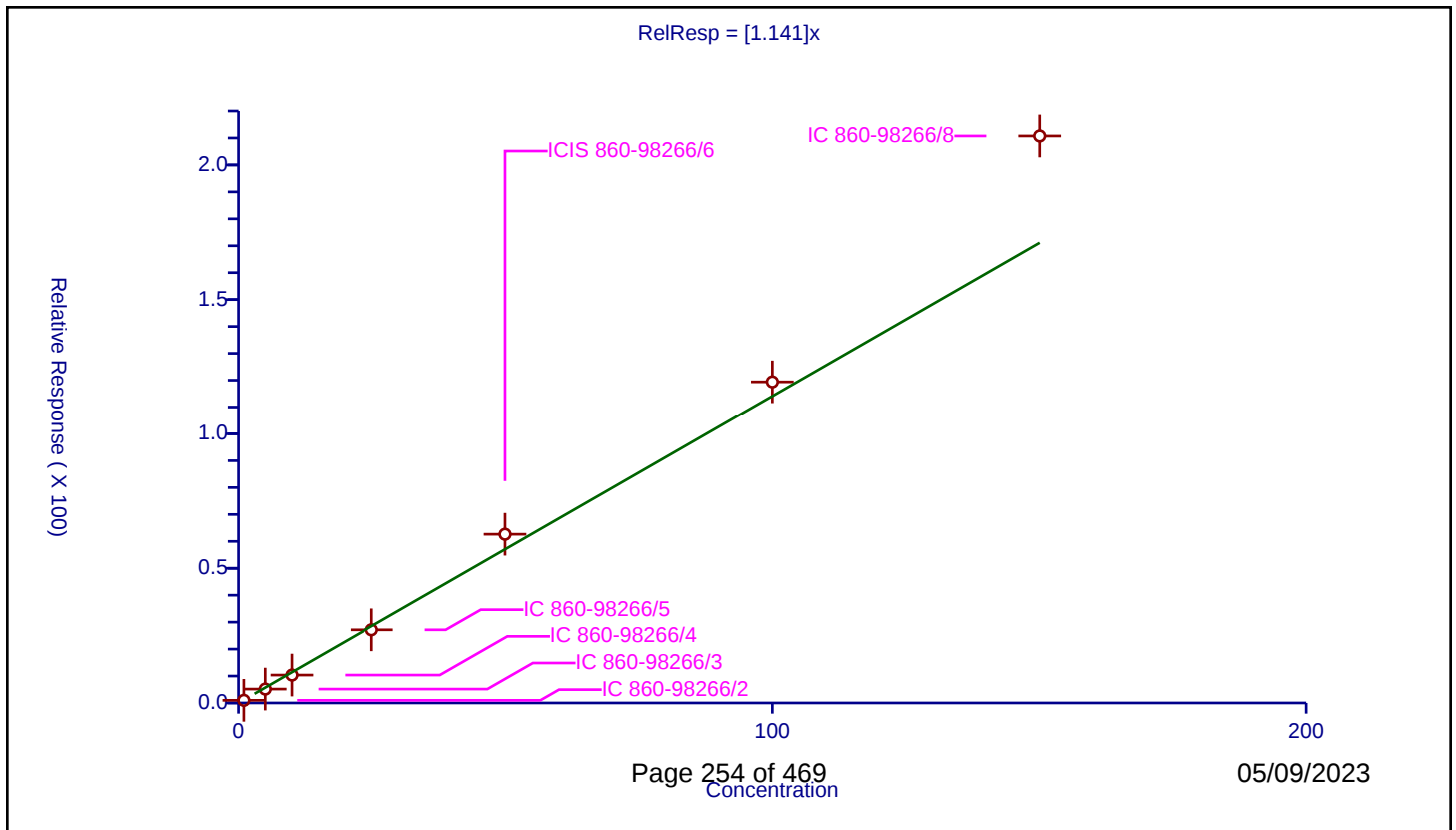
Curve Coefficients

Intercept: 0
Slope: 1.141

Error Coefficients

Standard Error: 900000
Relative Standard Error: 13.2
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.979717	50.0	467431.0	0.979717	Y
2	IC 860-98266/3	5.0	5.158092	50.0	480827.0	1.031618	Y
3	IC 860-98266/4	10.0	10.36065	50.0	473561.0	1.036065	Y
4	IC 860-98266/5	25.0	27.151123	50.0	446941.0	1.086045	Y
5	ICIS 860-98266/6	50.0	62.651939	50.0	439486.0	1.253039	Y
6	IC 860-98266/7	100.0	119.387536	50.0	465611.0	1.193875	Y
7	IC 860-98266/8	150.0	210.753664	50.0	427538.0	1.405024	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

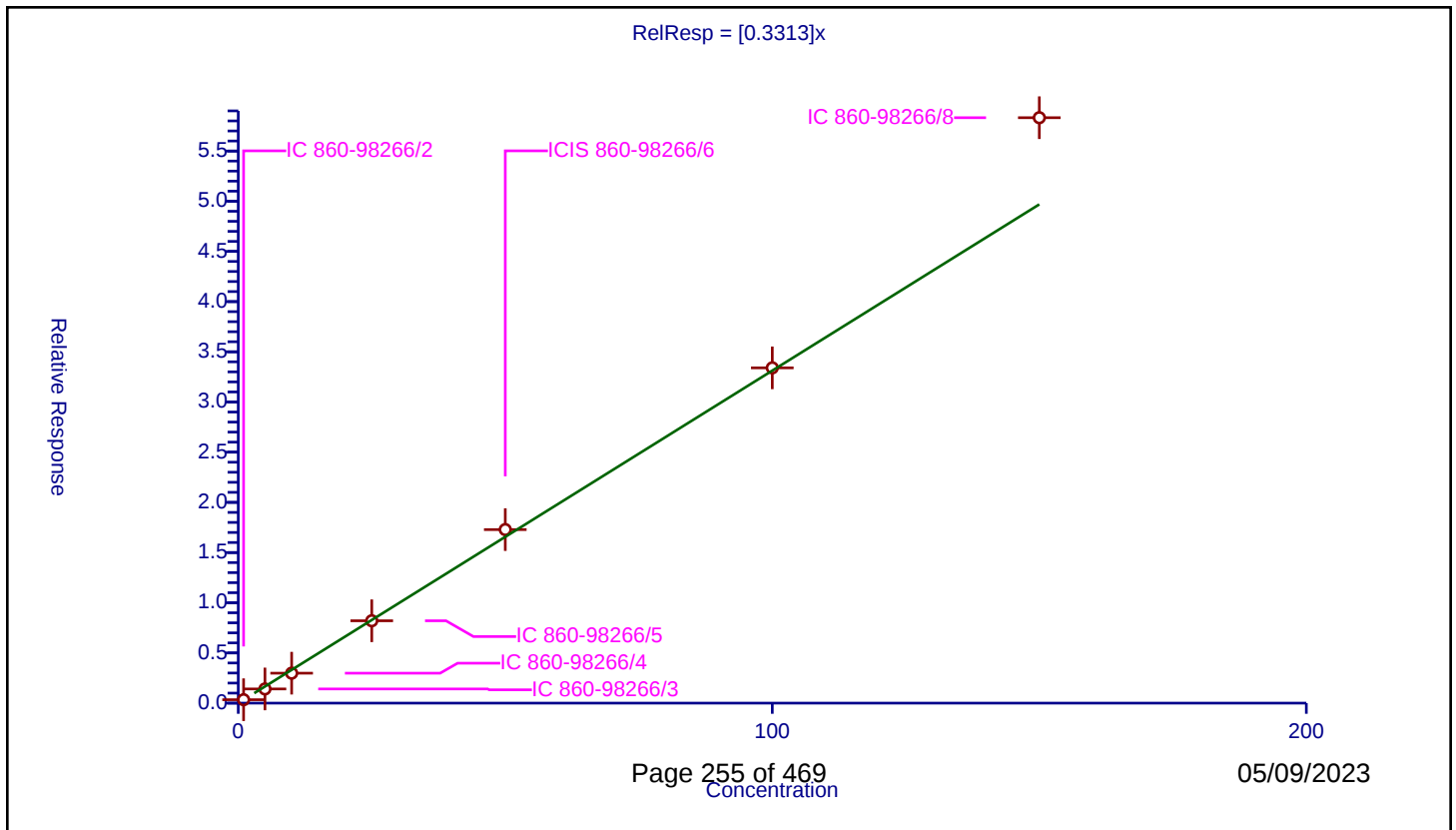
Curve Coefficients

Intercept: 0
Slope: 0.3313

Error Coefficients

Standard Error: 250000
Relative Standard Error: 10.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.340906	50.0	467431.0	0.340906	Y
2	IC 860-98266/3	5.0	1.413606	50.0	480827.0	0.282721	Y
3	IC 860-98266/4	10.0	2.983776	50.0	473561.0	0.298378	Y
4	IC 860-98266/5	25.0	8.204215	50.0	446941.0	0.328169	Y
5	ICIS 860-98266/6	50.0	17.288605	50.0	439486.0	0.345772	Y
6	IC 860-98266/7	100.0	33.401595	50.0	465611.0	0.334016	Y
7	IC 860-98266/8	150.0	58.320079	50.0	427538.0	0.388801	Y



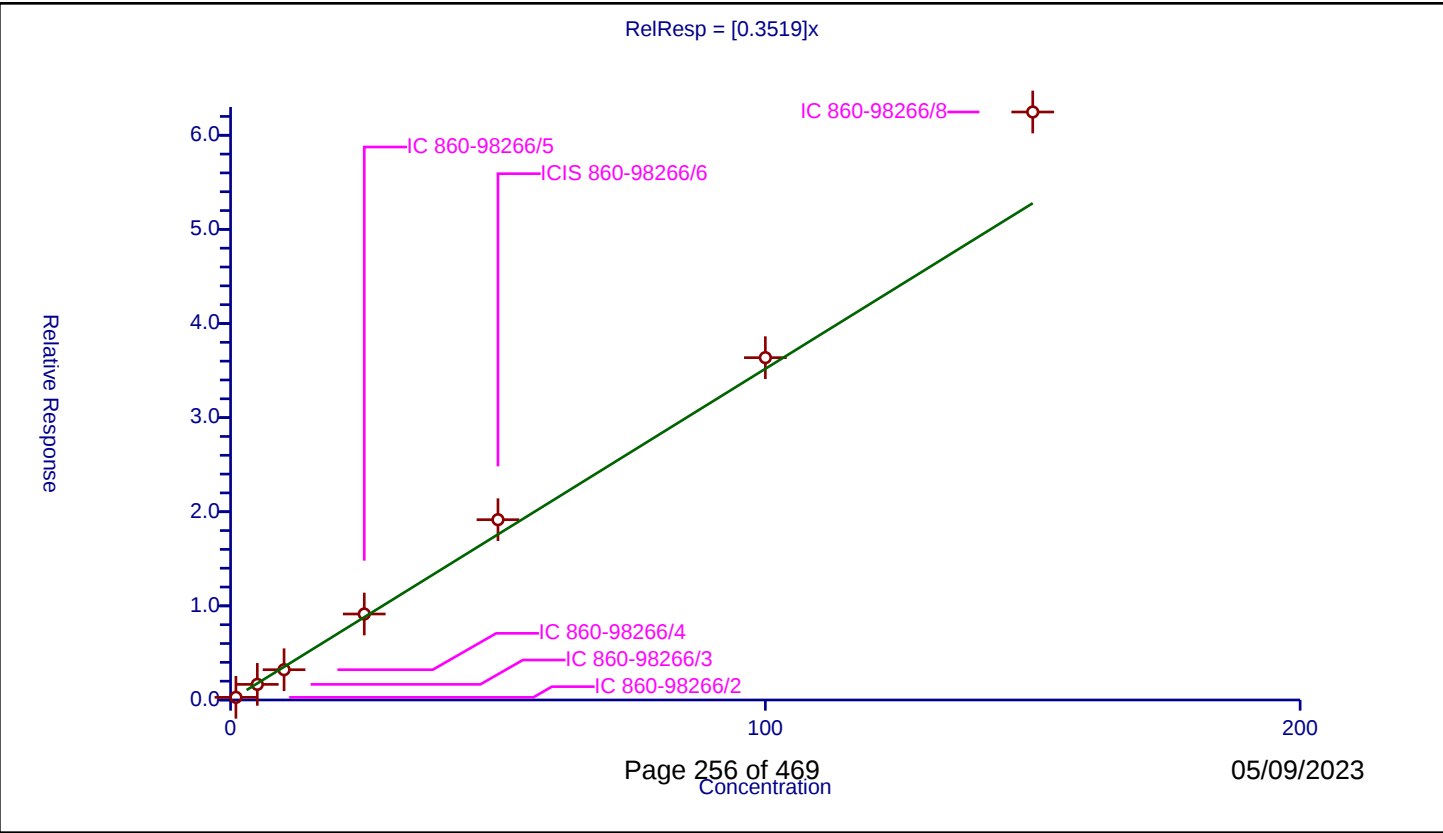
Calibration

/ 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:	0.3519
Error Coefficients	
Standard Error:	270000
Relative Standard Error:	12.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.28079	50.0	467431.0	0.28079	Y
2	IC 860-98266/3	5.0	1.659537	50.0	480827.0	0.331907	Y
3	IC 860-98266/4	10.0	3.217009	50.0	473561.0	0.321701	Y
4	IC 860-98266/5	25.0	9.135658	50.0	446941.0	0.365426	Y
5	ICIS 860-98266/6	50.0	19.157038	50.0	439486.0	0.383141	Y
6	IC 860-98266/7	100.0	36.371778	50.0	465611.0	0.363718	Y
7	IC 860-98266/8	150.0	62.471406	50.0	427538.0	0.416476	Y



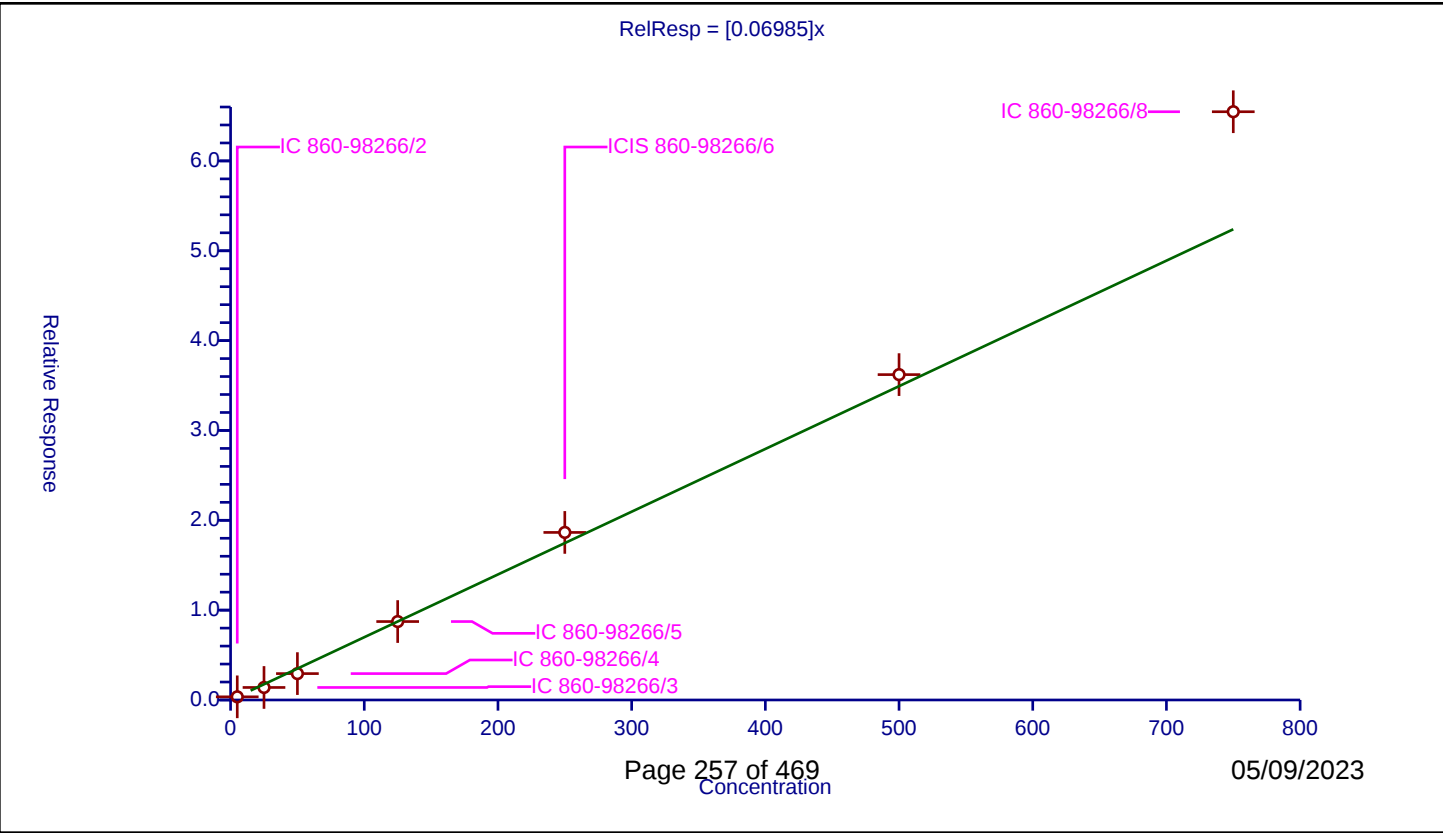
Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06985
Error Coefficients	
Standard Error:	277000
Relative Standard Error:	15.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	5.0	0.351817	50.0	467431.0	0.070363	Y
2	IC 860-98266/3	25.0	1.393433	50.0	480827.0	0.055737	Y
3	IC 860-98266/4	50.0	2.935841	50.0	473561.0	0.058717	Y
4	IC 860-98266/5	125.0	8.729452	50.0	446941.0	0.069836	Y
5	ICIS 860-98266/6	250.0	18.6494	50.0	439486.0	0.074598	Y
6	IC 860-98266/7	500.0	36.216069	50.0	465611.0	0.072432	Y
7	IC 860-98266/8	750.0	65.475817	50.0	427538.0	0.087301	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

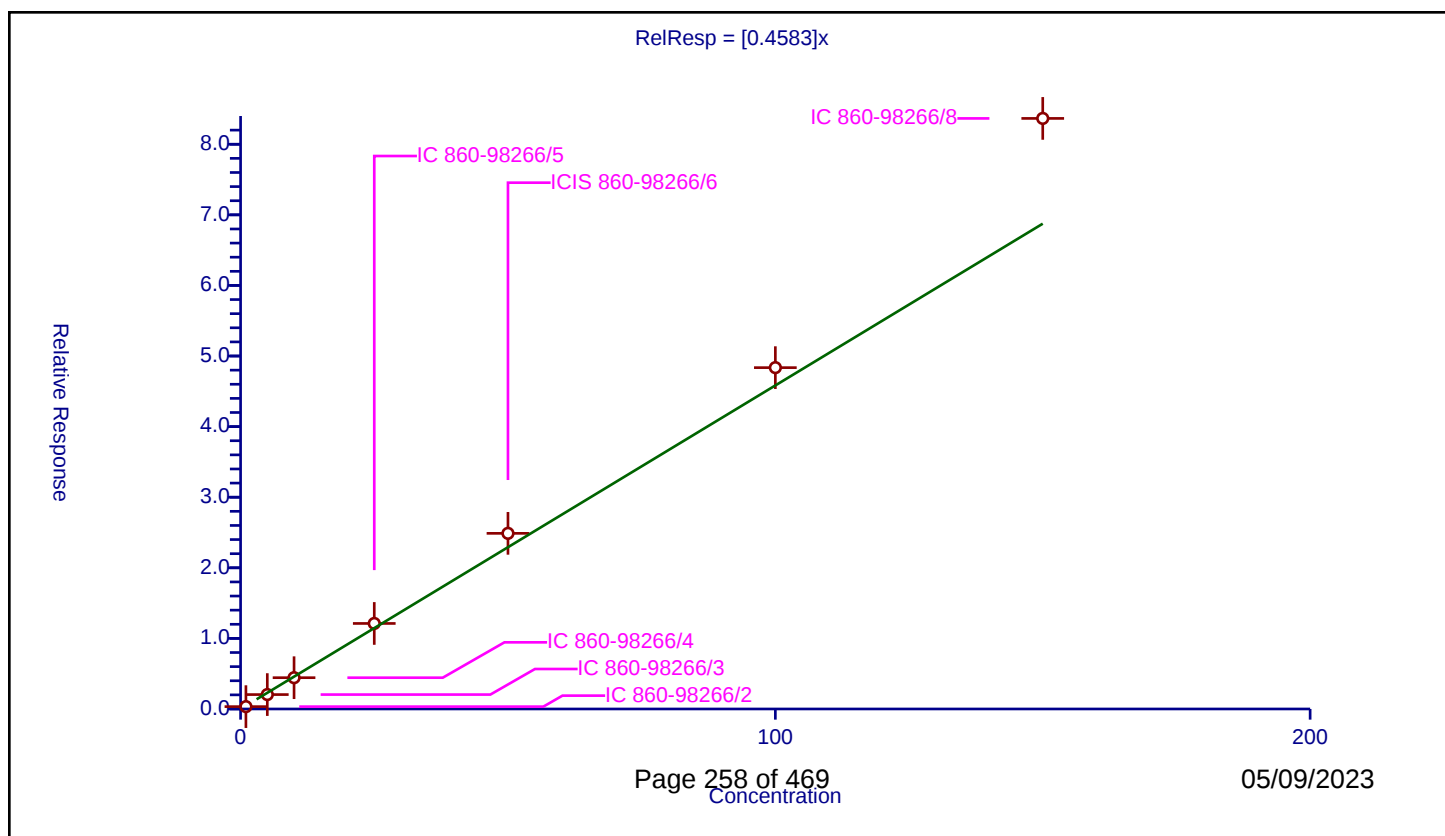
Curve Coefficients

Intercept: 0
Slope: 0.4583

Error Coefficients

Standard Error: 360000
Relative Standard Error: 15.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.333097	50.0	467431.0	0.333097	Y
2	IC 860-98266/3	5.0	2.042211	50.0	480827.0	0.408442	Y
3	IC 860-98266/4	10.0	4.43153	50.0	473561.0	0.443153	Y
4	IC 860-98266/5	25.0	12.116029	50.0	446941.0	0.484641	Y
5	ICIS 860-98266/6	50.0	24.879746	50.0	439486.0	0.497595	Y
6	IC 860-98266/7	100.0	48.355387	50.0	465611.0	0.483554	Y
7	IC 860-98266/8	150.0	83.660751	50.0	427538.0	0.557738	Y



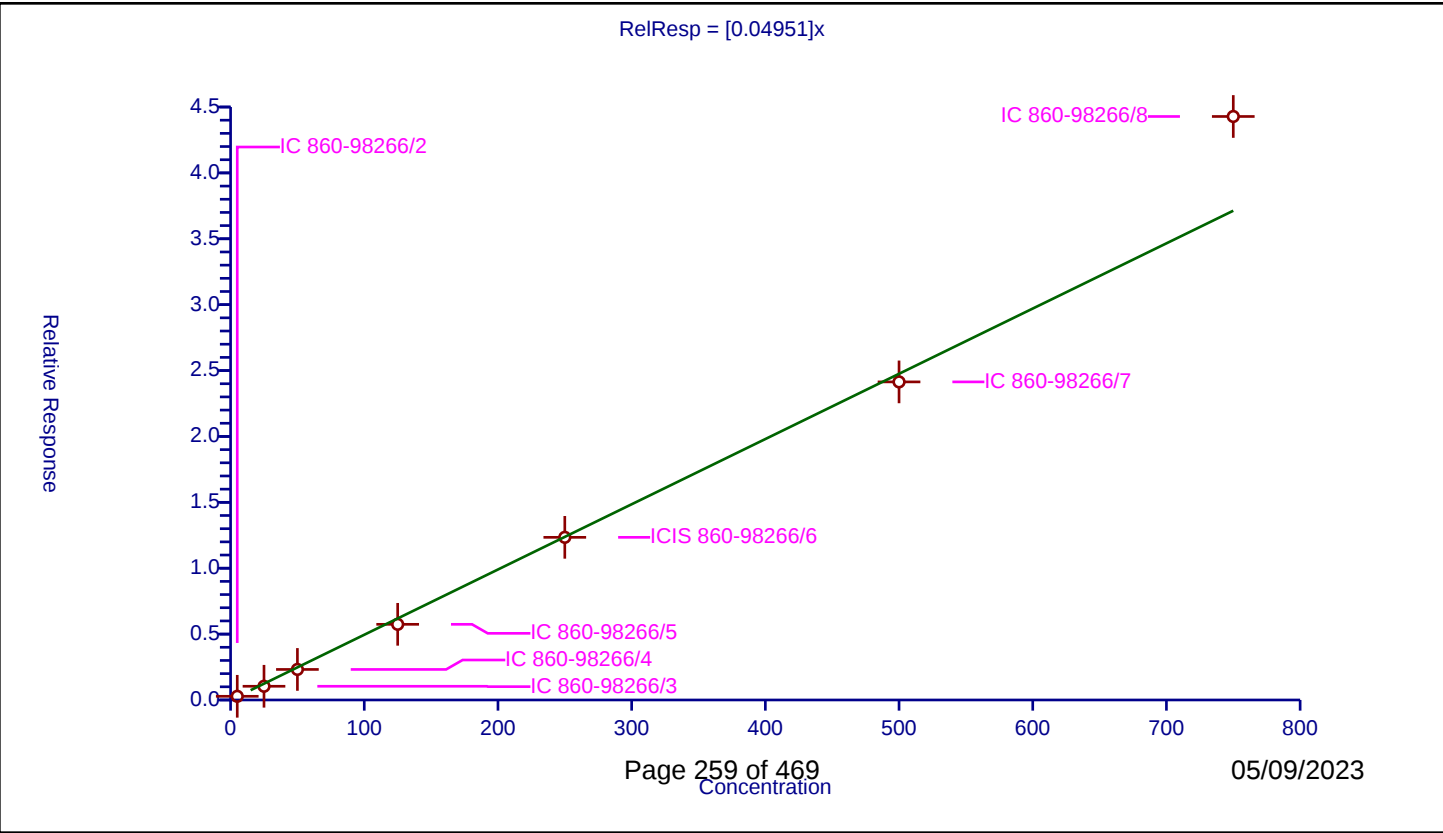
Calibration

/ 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:	0.04951
Error Coefficients	
Standard Error:	187000
Relative Standard Error:	12.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	5.0	0.2794	50.0	467431.0	0.05588	Y
2	IC 860-98266/3	25.0	1.041851	50.0	480827.0	0.041674	Y
3	IC 860-98266/4	50.0	2.31797	50.0	473561.0	0.046359	Y
4	IC 860-98266/5	125.0	5.741697	50.0	446941.0	0.045934	Y
5	ICIS 860-98266/6	250.0	12.343738	50.0	439486.0	0.049375	Y
6	IC 860-98266/7	500.0	24.140645	50.0	465611.0	0.048281	Y
7	IC 860-98266/8	750.0	44.281561	50.0	427538.0	0.059042	Y



Calibration

/ Iodomethane

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

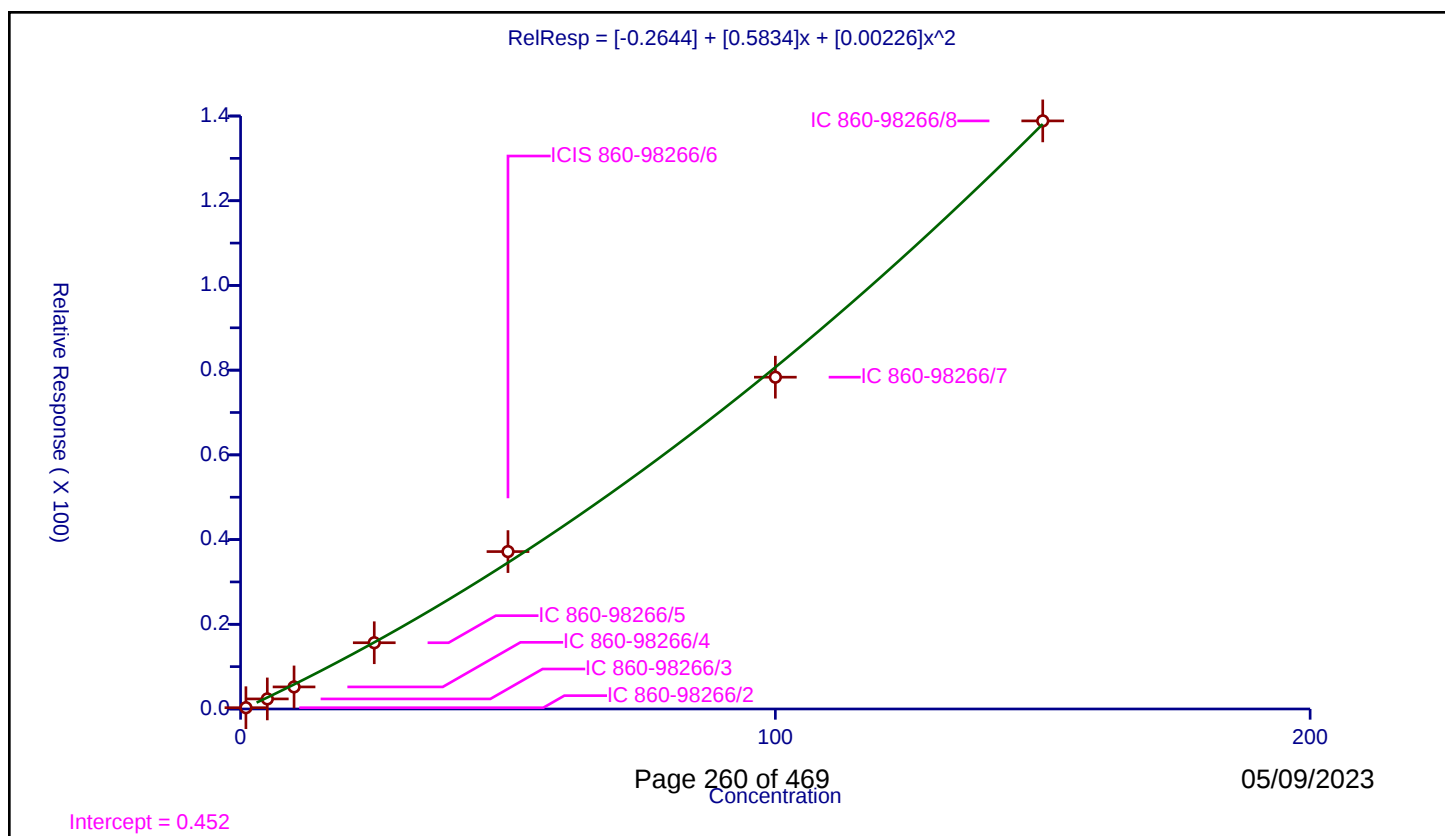
Curve Coefficients

Intercept: -0.2644
Slope: 0.5834
Second Order: 0.00226

Error Coefficients

Standard Error: 719000
Relative Standard Error: 8.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.304965	50.0	467431.0	0.304965	Y
2	IC 860-98266/3	5.0	2.37653	50.0	480827.0	0.475306	Y
3	IC 860-98266/4	10.0	5.211472	50.0	473561.0	0.521147	Y
4	IC 860-98266/5	25.0	15.641774	50.0	446941.0	0.625671	Y
5	ICIS 860-98266/6	50.0	37.158977	50.0	439486.0	0.74318	Y
6	IC 860-98266/7	100.0	78.338785	50.0	465611.0	0.783388	Y
7	IC 860-98266/8	150.0	138.850348	50.0	427538.0	0.925669	Y



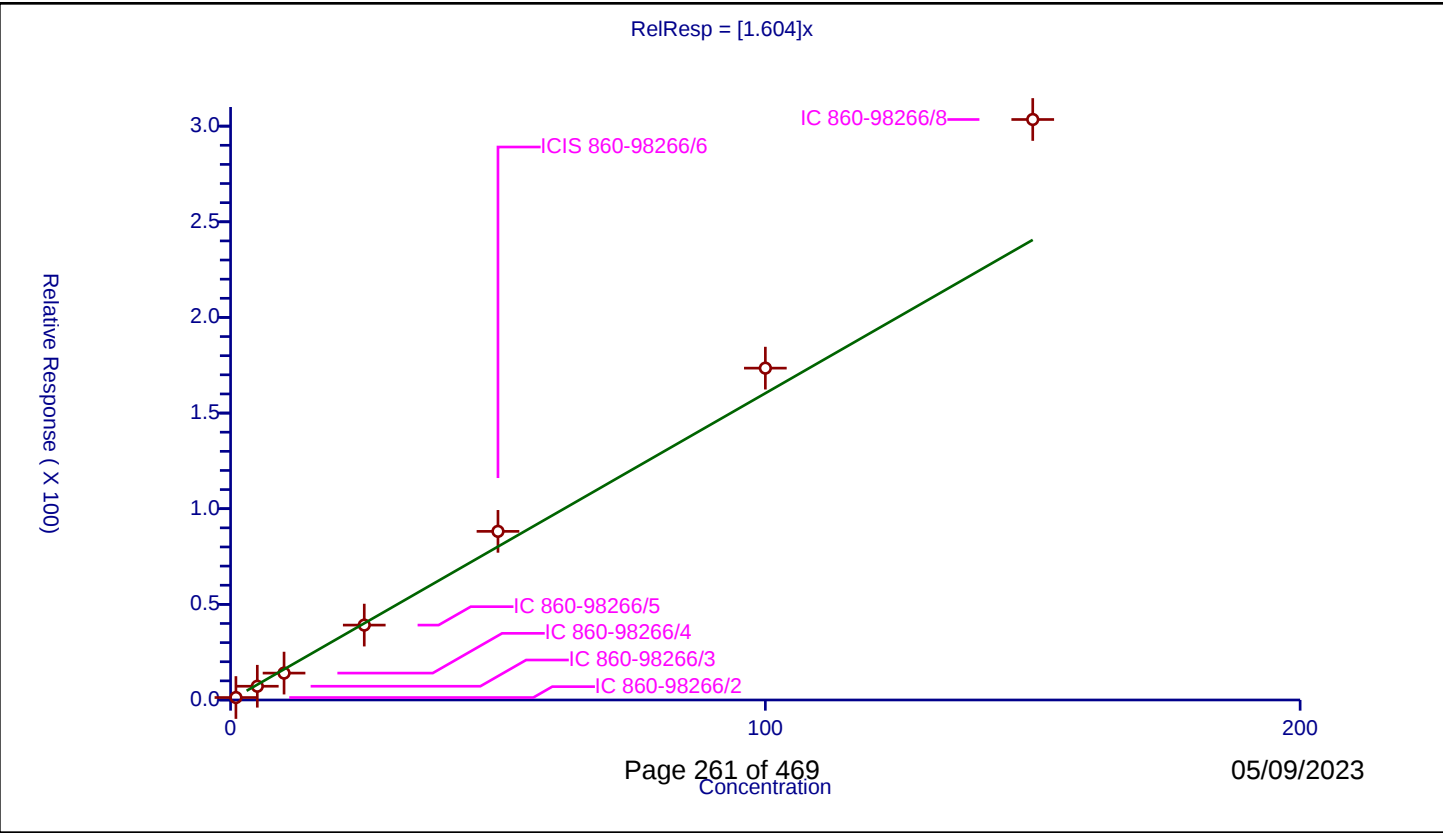
Calibration

/ 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:	1.604
Error Coefficients	
Standard Error:	1300000
Relative Standard Error:	15.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.295057	50.0	467431.0	1.295057	Y
2	IC 860-98266/3	5.0	7.186057	50.0	480827.0	1.437211	Y
3	IC 860-98266/4	10.0	14.058485	50.0	473561.0	1.405848	Y
4	IC 860-98266/5	25.0	39.148791	50.0	446941.0	1.565952	Y
5	ICIS 860-98266/6	50.0	88.160146	50.0	439486.0	1.763203	Y
6	IC 860-98266/7	100.0	173.485163	50.0	465611.0	1.734852	Y
7	IC 860-98266/8	150.0	303.477235	50.0	427538.0	2.023182	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

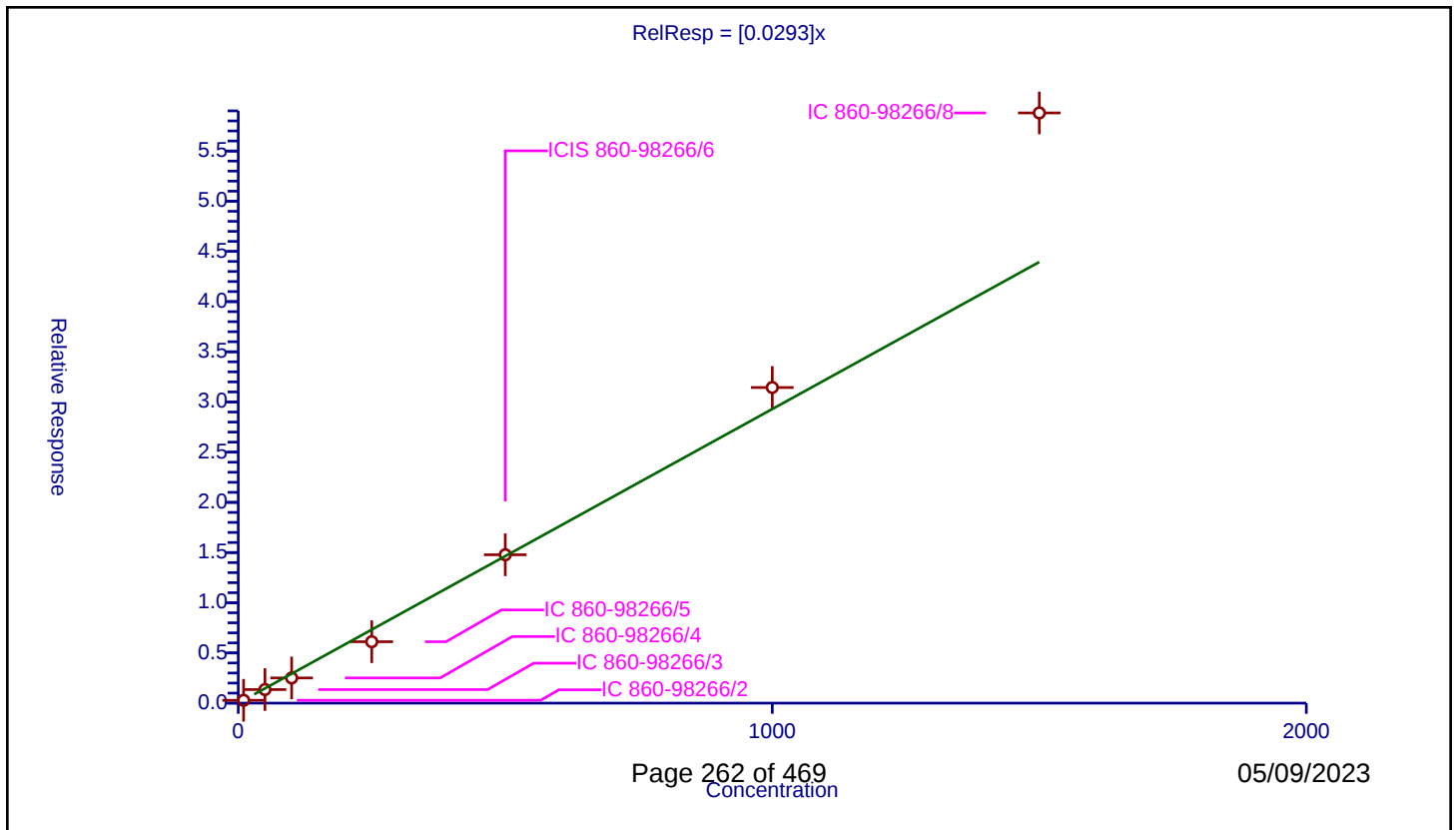
Curve Coefficients

Intercept: 0
Slope: 0.0293

Error Coefficients

Standard Error: 245000
Relative Standard Error: 17.1
Correlation Coefficient: 0.991
Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	10.0	0.282822	50.0	467431.0	0.028282	Y
2	IC 860-98266/3	50.0	1.35215	50.0	480827.0	0.027043	Y
3	IC 860-98266/4	100.0	2.507491	50.0	473561.0	0.025075	Y
4	IC 860-98266/5	250.0	6.117698	50.0	446941.0	0.024471	Y
5	ICIS 860-98266/6	500.0	14.781358	50.0	439486.0	0.029563	Y
6	IC 860-98266/7	1000.0	31.444167	50.0	465611.0	0.031444	Y
7	IC 860-98266/8	1500.0	58.794891	50.0	427538.0	0.039197	Y



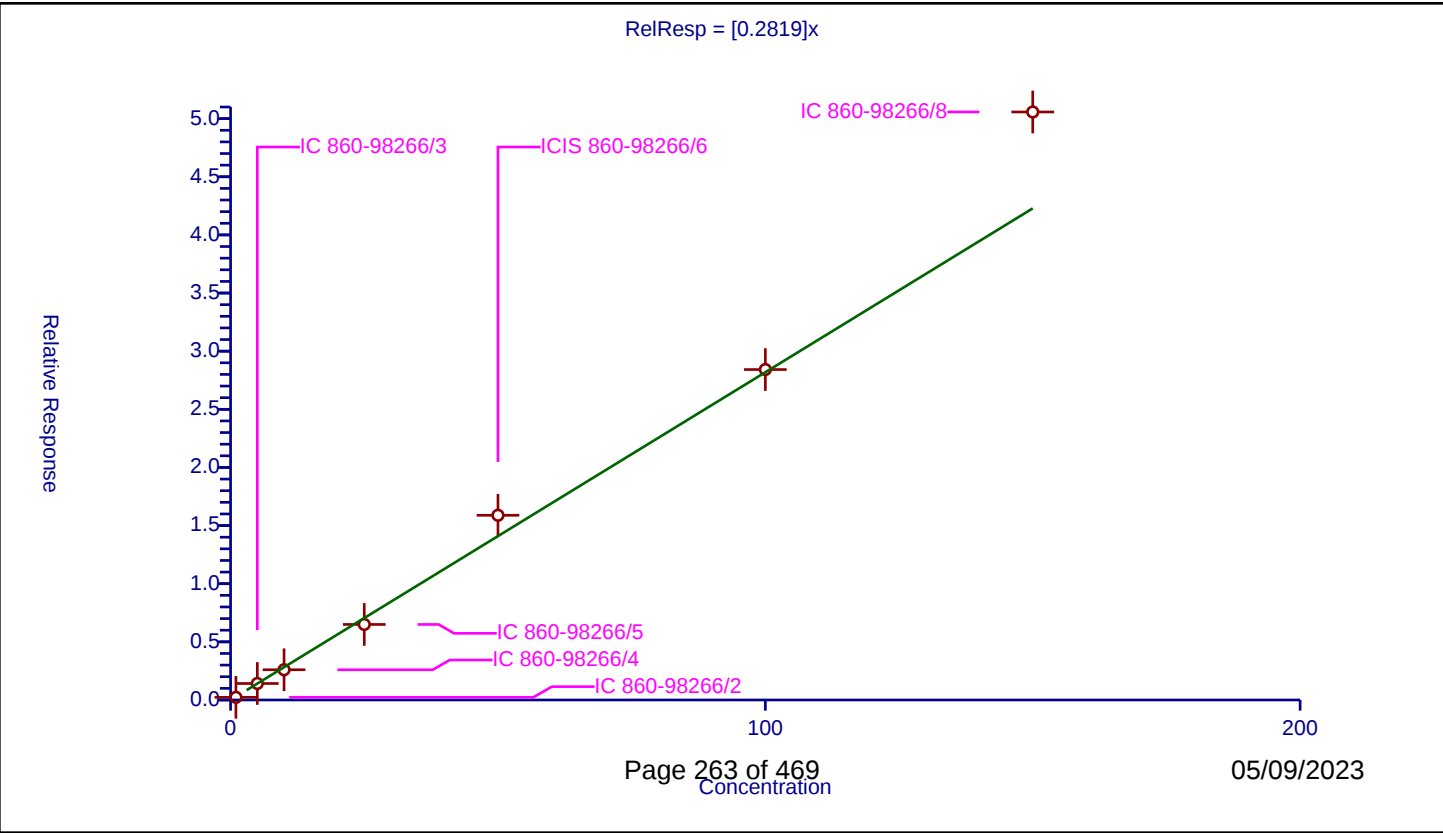
Calibration

/ 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:	0.2819
Error Coefficients	
Standard Error:	216000
Relative Standard Error:	12.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.230301	50.0	467431.0	0.230301	Y
2	IC 860-98266/3	5.0	1.419429	50.0	480827.0	0.283886	Y
3	IC 860-98266/4	10.0	2.600087	50.0	473561.0	0.260009	Y
4	IC 860-98266/5	25.0	6.496607	50.0	446941.0	0.259864	Y
5	ICIS 860-98266/6	50.0	15.886513	50.0	439486.0	0.31773	Y
6	IC 860-98266/7	100.0	28.41911	50.0	465611.0	0.284191	Y
7	IC 860-98266/8	150.0	50.572347	50.0	427538.0	0.337149	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

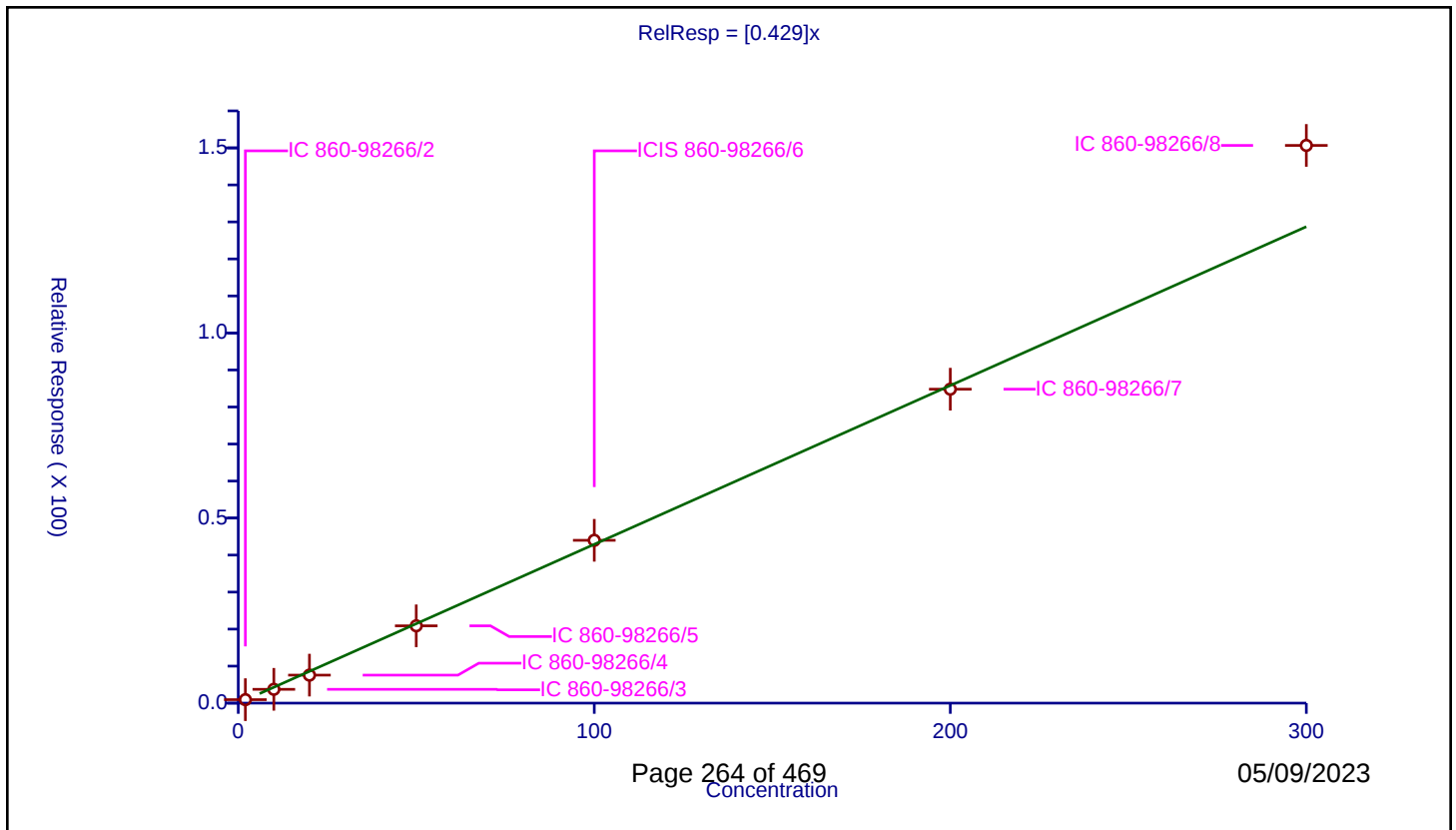
Curve Coefficients

Intercept: 0
Slope: 0.429

Error Coefficients

Standard Error: 642000
Relative Standard Error: 10.8
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	2.0	0.936395	50.0	467431.0	0.468197	Y
2	IC 860-98266/3	10.0	3.728784	50.0	480827.0	0.372878	Y
3	IC 860-98266/4	20.0	7.56534	50.0	473561.0	0.378267	Y
4	IC 860-98266/5	50.0	20.88788	50.0	446941.0	0.417758	Y
5	ICIS 860-98266/6	100.0	43.987977	50.0	439486.0	0.43988	Y
6	IC 860-98266/7	200.0	84.812966	50.0	465611.0	0.424065	Y
7	IC 860-98266/8	300.0	150.666841	50.0	427538.0	0.502223	Y



Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

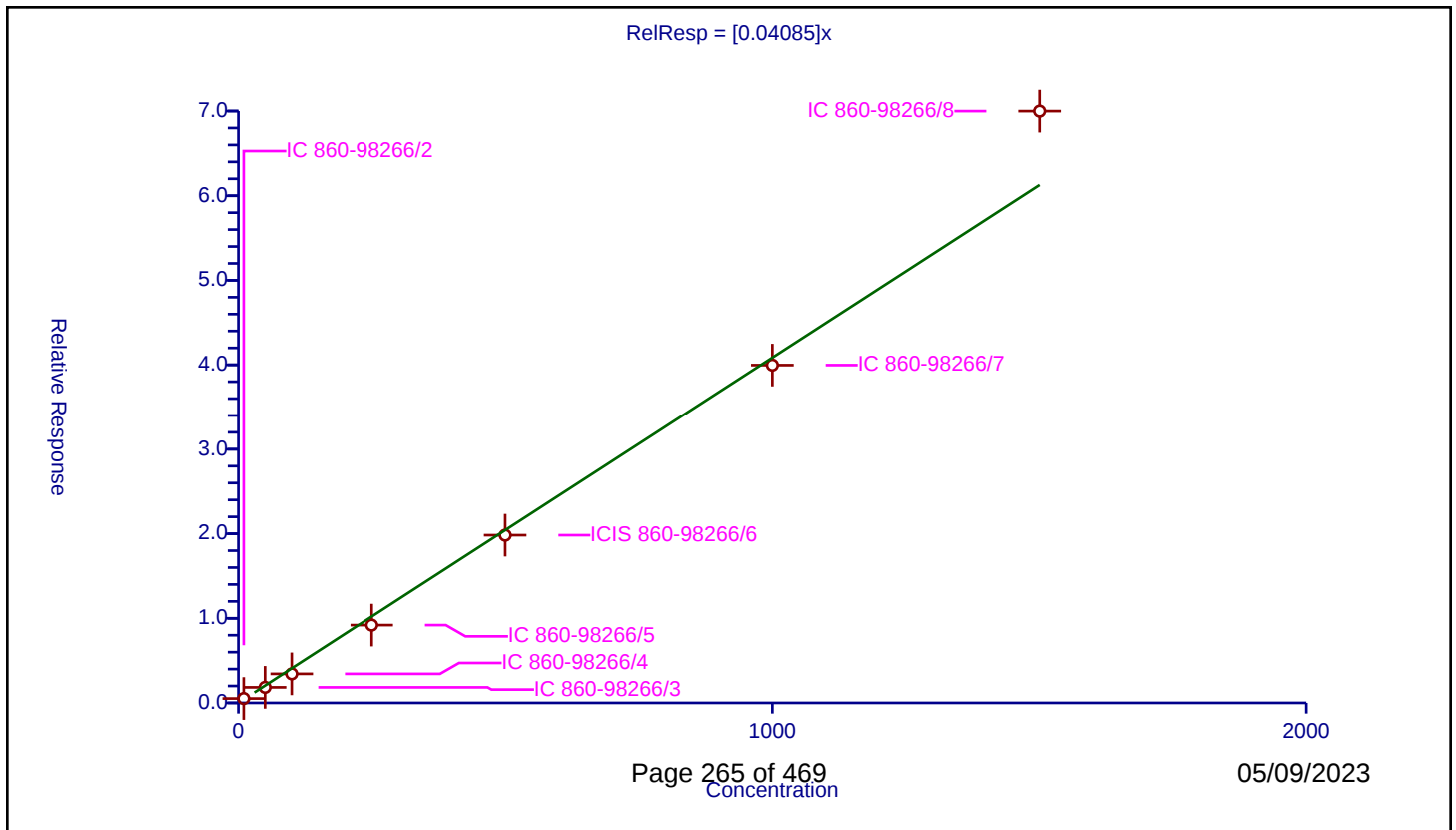
Curve Coefficients

Intercept: 0
Slope: 0.04085

Error Coefficients

Standard Error: 299000
Relative Standard Error: 15.2
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	10.0	0.518151	50.0	467431.0	0.051815	Y
2	IC 860-98266/3	50.0	1.836315	50.0	480827.0	0.036726	Y
3	IC 860-98266/4	100.0	3.433665	50.0	473561.0	0.034337	Y
4	IC 860-98266/5	250.0	9.197299	50.0	446941.0	0.036789	Y
5	ICIS 860-98266/6	500.0	19.830438	50.0	439486.0	0.039661	Y
6	IC 860-98266/7	1000.0	39.964262	50.0	465611.0	0.039964	Y
7	IC 860-98266/8	1500.0	69.991556	50.0	427538.0	0.046661	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

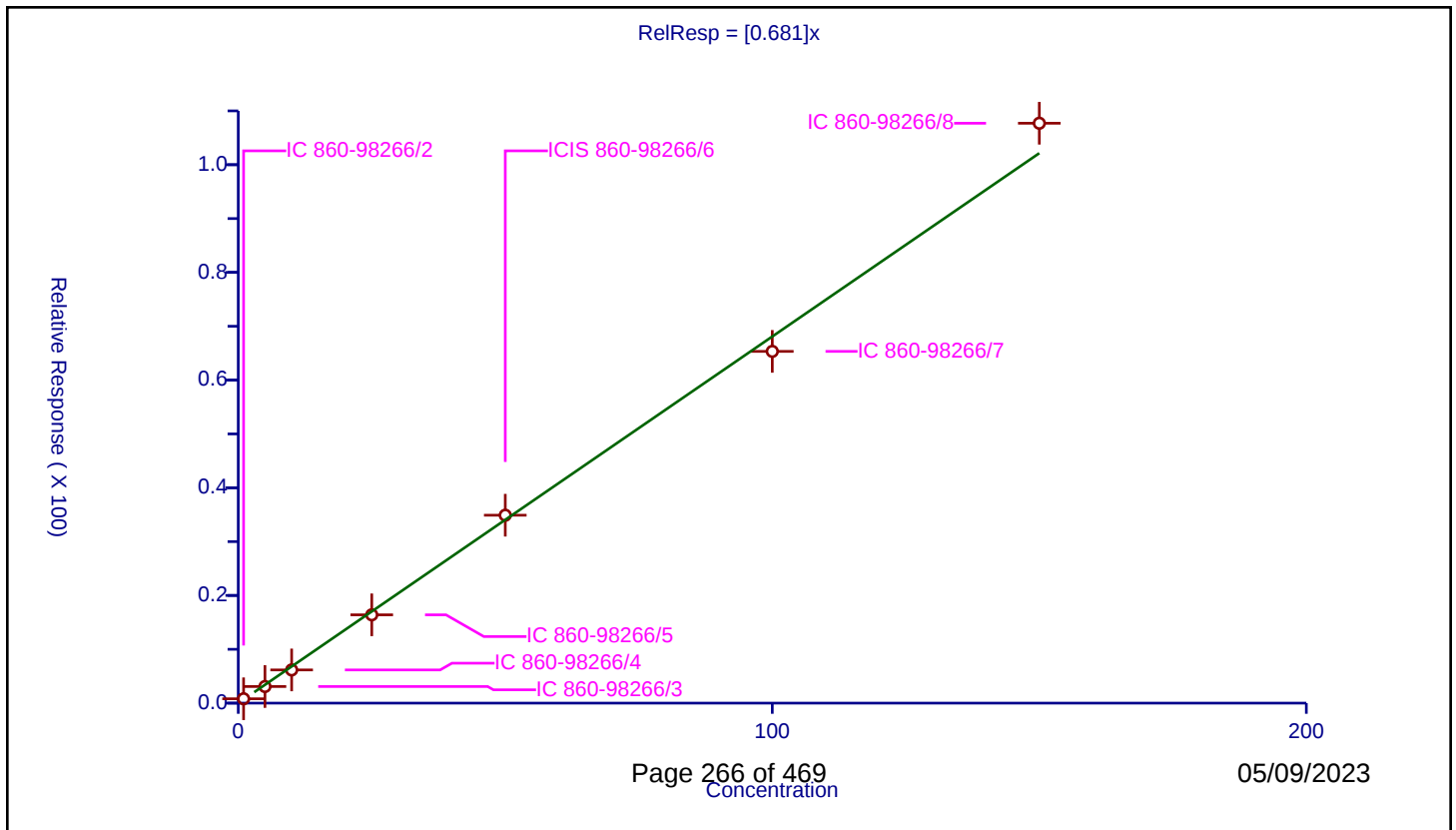
Curve Coefficients

Intercept: 0
Slope: 0.681

Error Coefficients

Standard Error: 472000
Relative Standard Error: 9.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.808034	50.0	467431.0	0.808034	Y
2	IC 860-98266/3	5.0	3.083645	50.0	480827.0	0.616729	Y
3	IC 860-98266/4	10.0	6.165098	50.0	473561.0	0.61651	Y
4	IC 860-98266/5	25.0	16.401046	50.0	446941.0	0.656042	Y
5	ICIS 860-98266/6	50.0	34.901681	50.0	439486.0	0.698034	Y
6	IC 860-98266/7	100.0	65.329964	50.0	465611.0	0.6533	Y
7	IC 860-98266/8	150.0	107.704111	50.0	427538.0	0.718027	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

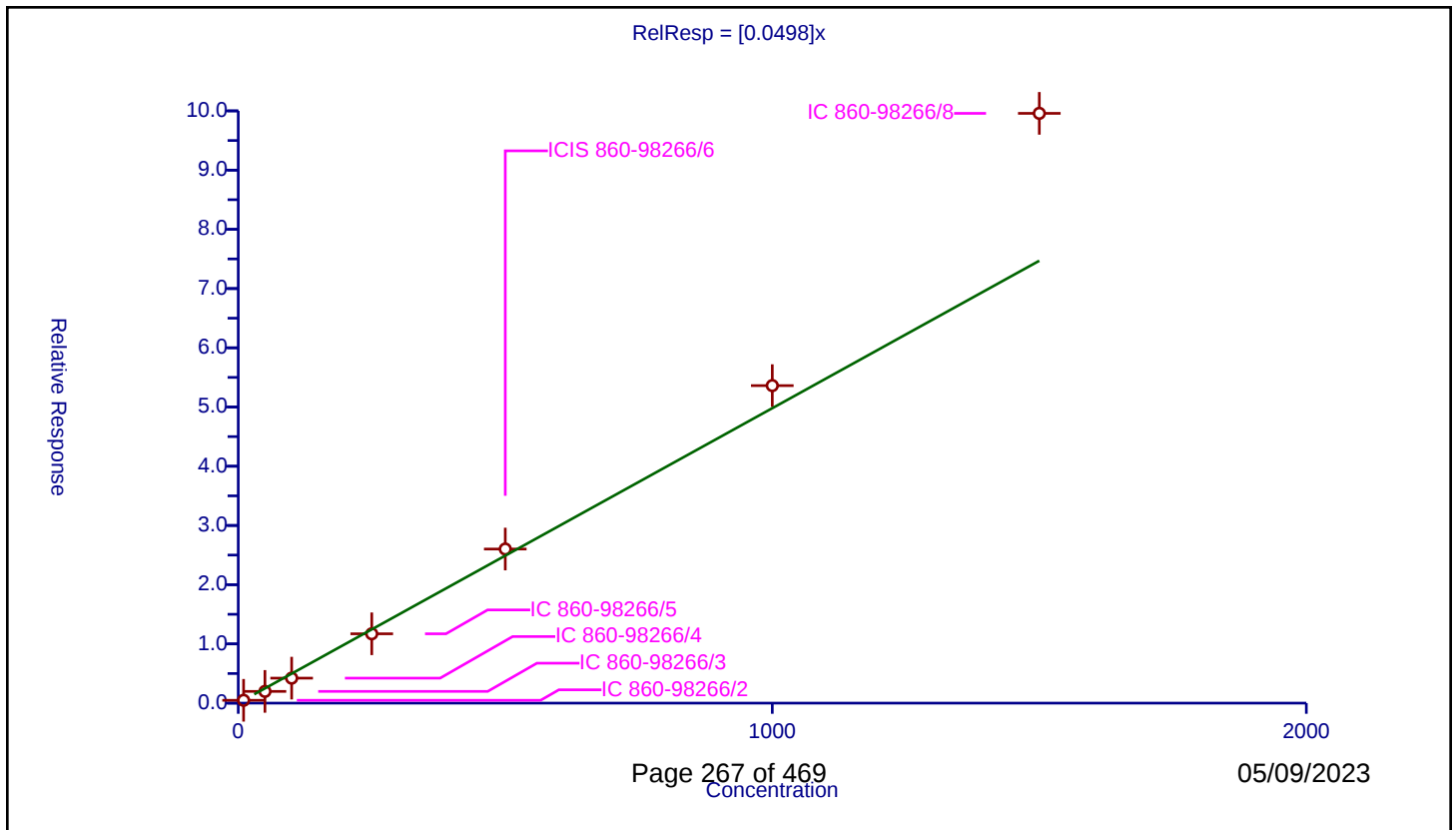
Curve Coefficients

Intercept: 0
Slope: 0.0498

Error Coefficients

Standard Error: 416000
Relative Standard Error: 17.8
Correlation Coefficient: 0.993
Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	10.0	0.479001	50.0	467431.0	0.0479	Y
2	IC 860-98266/3	50.0	1.979818	50.0	480827.0	0.039596	Y
3	IC 860-98266/4	100.0	4.220998	50.0	473561.0	0.04221	Y
4	IC 860-98266/5	250.0	11.709599	50.0	446941.0	0.046838	Y
5	ICIS 860-98266/6	500.0	26.018349	50.0	439486.0	0.052037	Y
6	IC 860-98266/7	1000.0	53.612887	50.0	465611.0	0.053613	Y
7	IC 860-98266/8	1500.0	99.582844	50.0	427538.0	0.066389	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

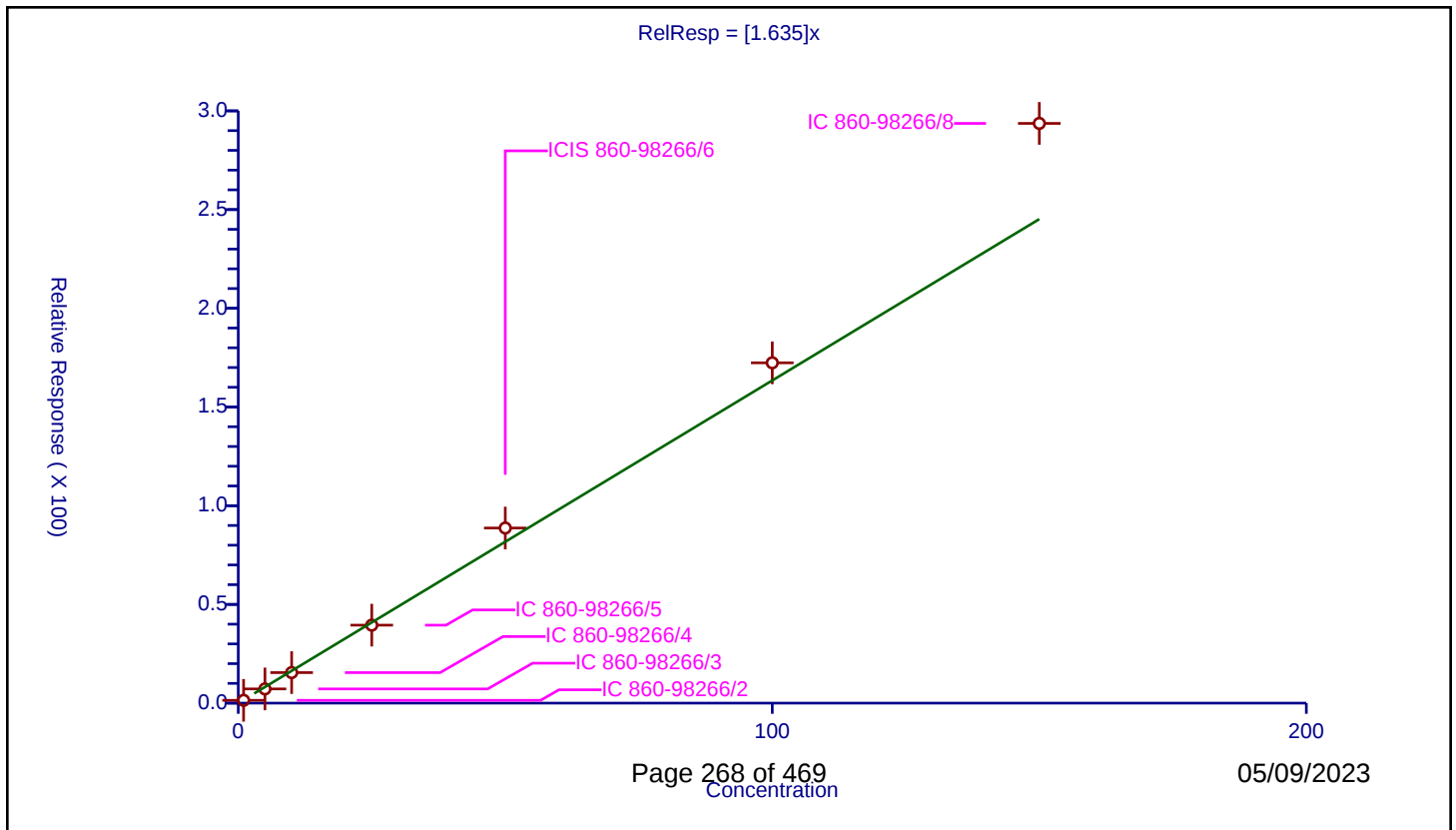
Curve Coefficients

Intercept: 0
Slope: 1.635

Error Coefficients

Standard Error: 1270000
Relative Standard Error: 11.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.421172	50.0	467431.0	1.421172	Y
2	IC 860-98266/3	5.0	7.191464	50.0	480827.0	1.438293	Y
3	IC 860-98266/4	10.0	15.470552	50.0	473561.0	1.547055	Y
4	IC 860-98266/5	25.0	39.489217	50.0	446941.0	1.579569	Y
5	ICIS 860-98266/6	50.0	88.701688	50.0	439486.0	1.774034	Y
6	IC 860-98266/7	100.0	172.386499	50.0	465611.0	1.723865	Y
7	IC 860-98266/8	150.0	293.65916	50.0	427538.0	1.957728	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

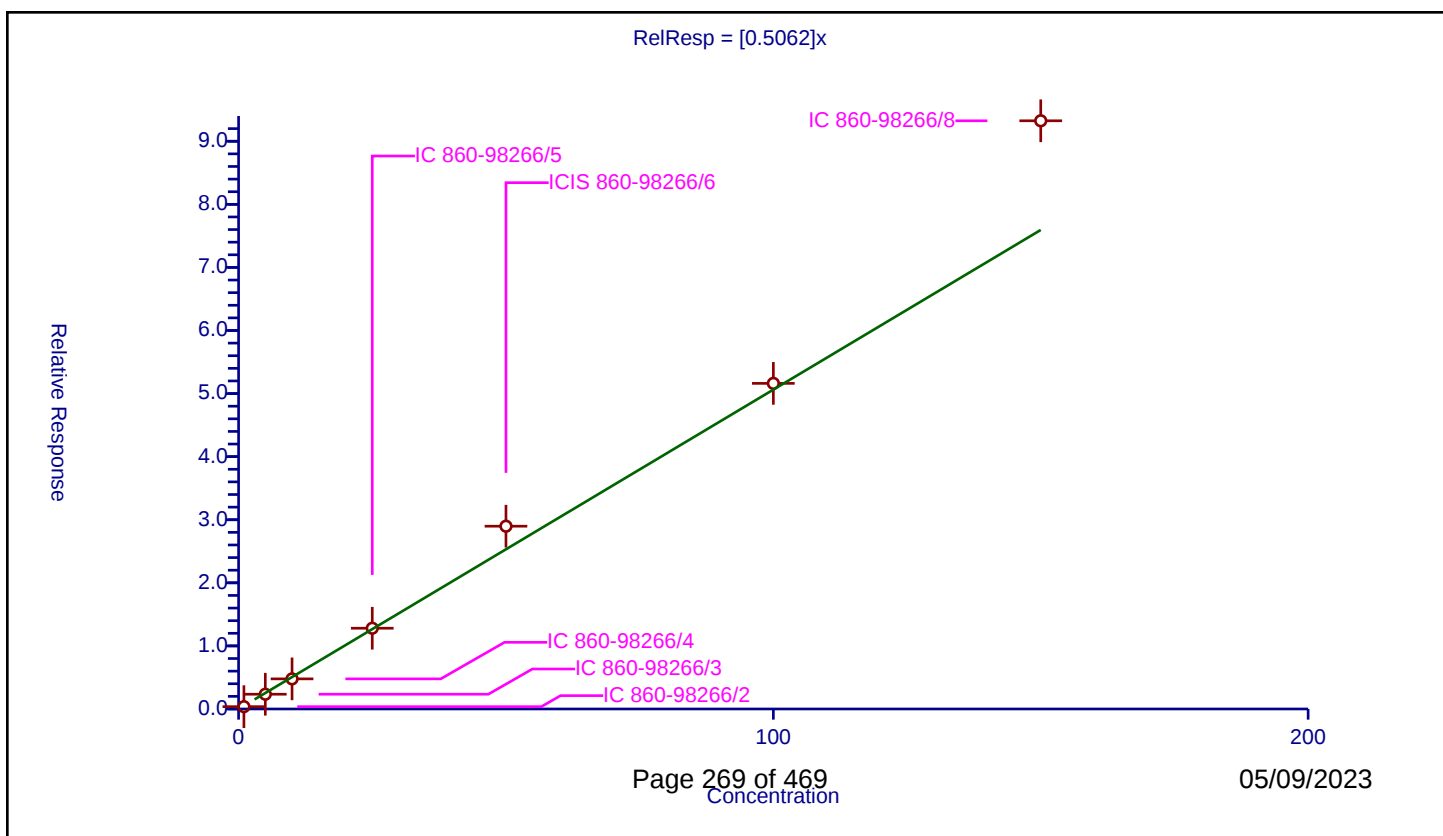
Curve Coefficients

Intercept: 0
Slope: 0.5062

Error Coefficients

Standard Error: 397000
Relative Standard Error: 16.1
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.369038	50.0	467431.0	0.369038	Y
2	IC 860-98266/3	5.0	2.339615	50.0	480827.0	0.467923	Y
3	IC 860-98266/4	10.0	4.773303	50.0	473561.0	0.47733	Y
4	IC 860-98266/5	25.0	12.80292	50.0	446941.0	0.512117	Y
5	ICIS 860-98266/6	50.0	28.974643	50.0	439486.0	0.579493	Y
6	IC 860-98266/7	100.0	51.618411	50.0	465611.0	0.516184	Y
7	IC 860-98266/8	150.0	93.242238	50.0	427538.0	0.621615	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

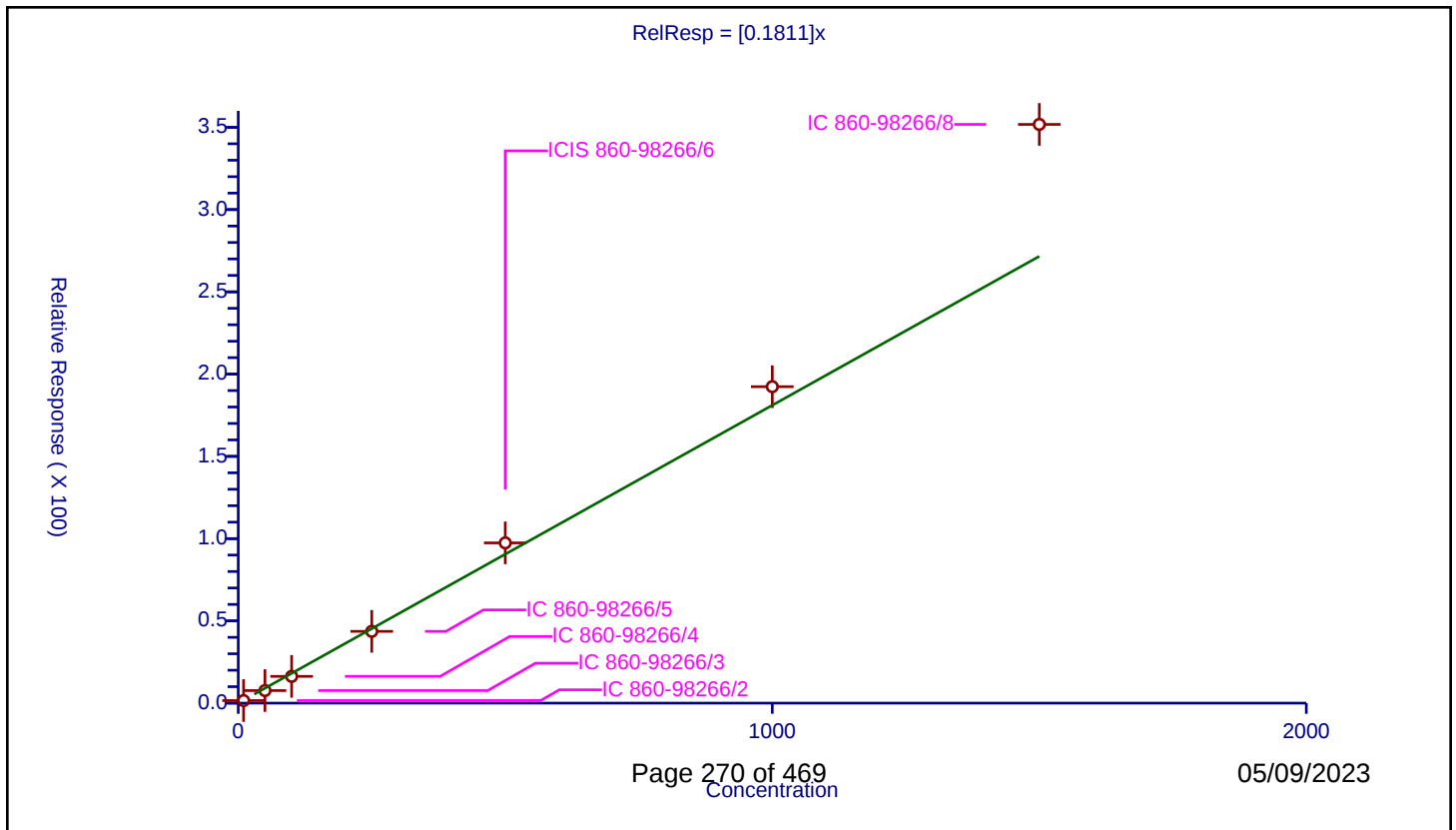
Curve Coefficients

Intercept: 0
Slope: 0.1811

Error Coefficients

Standard Error: 1480000
Relative Standard Error: 15.9
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	10.0	1.560658	50.0	467431.0	0.156066	Y
2	IC 860-98266/3	50.0	7.627691	50.0	480827.0	0.152554	Y
3	IC 860-98266/4	100.0	16.267387	50.0	473561.0	0.162674	Y
4	IC 860-98266/5	250.0	43.619068	50.0	446941.0	0.174476	Y
5	ICIS 860-98266/6	500.0	97.405378	50.0	439486.0	0.194811	Y
6	IC 860-98266/7	1000.0	192.360576	50.0	465611.0	0.192361	Y
7	IC 860-98266/8	1500.0	351.773877	50.0	427538.0	0.234516	Y



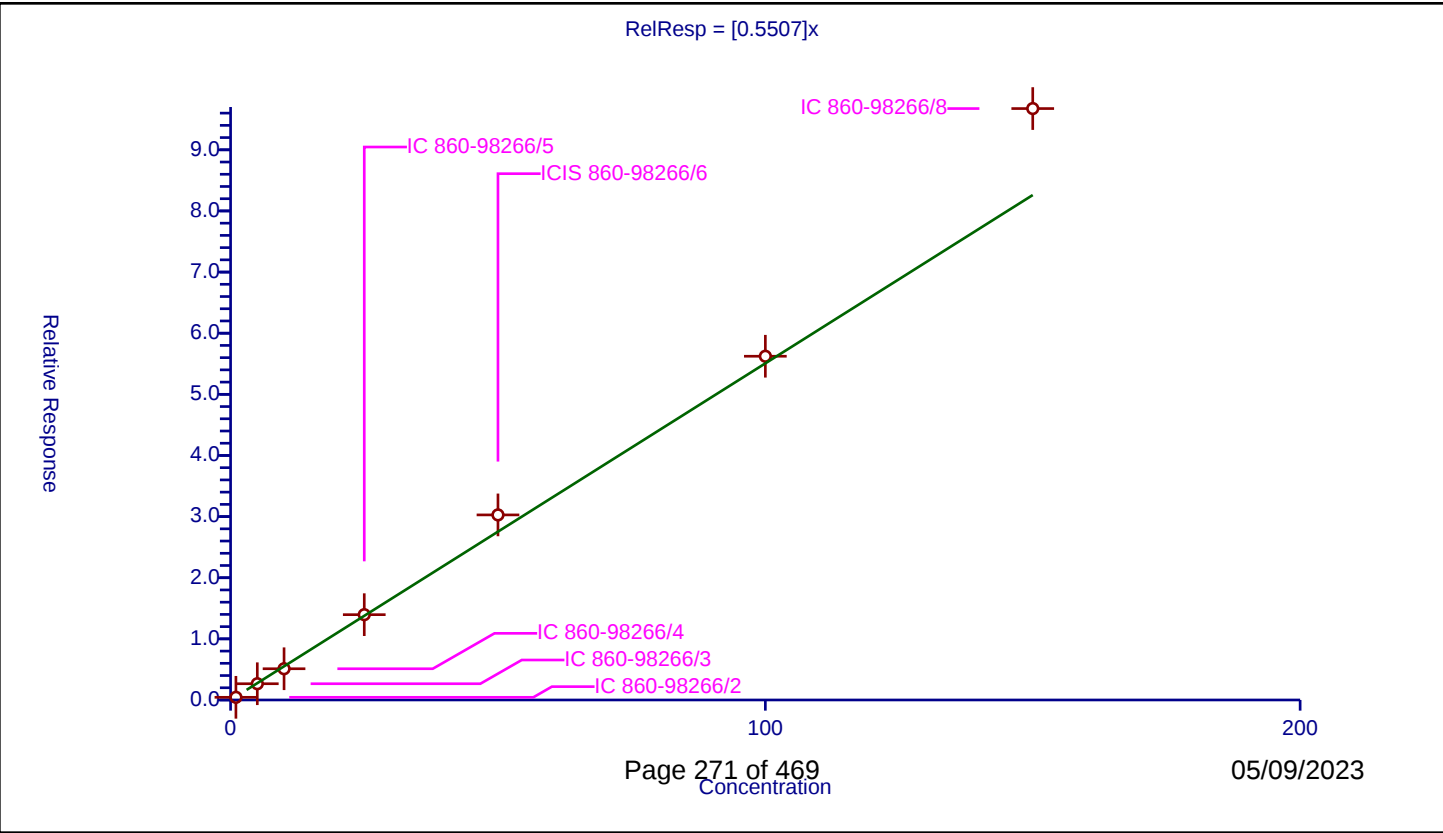
Calibration

/ 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:	0.5507
Error Coefficients	
Standard Error:	418000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.440386	50.0	467431.0	0.440386	Y
2	IC 860-98266/3	5.0	2.660416	50.0	480827.0	0.532083	Y
3	IC 860-98266/4	10.0	5.111802	50.0	473561.0	0.51118	Y
4	IC 860-98266/5	25.0	13.956652	50.0	446941.0	0.558266	Y
5	ICIS 860-98266/6	50.0	30.276277	50.0	439486.0	0.605526	Y
6	IC 860-98266/7	100.0	56.229342	50.0	465611.0	0.562293	Y
7	IC 860-98266/8	150.0	96.747774	50.0	427538.0	0.644985	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

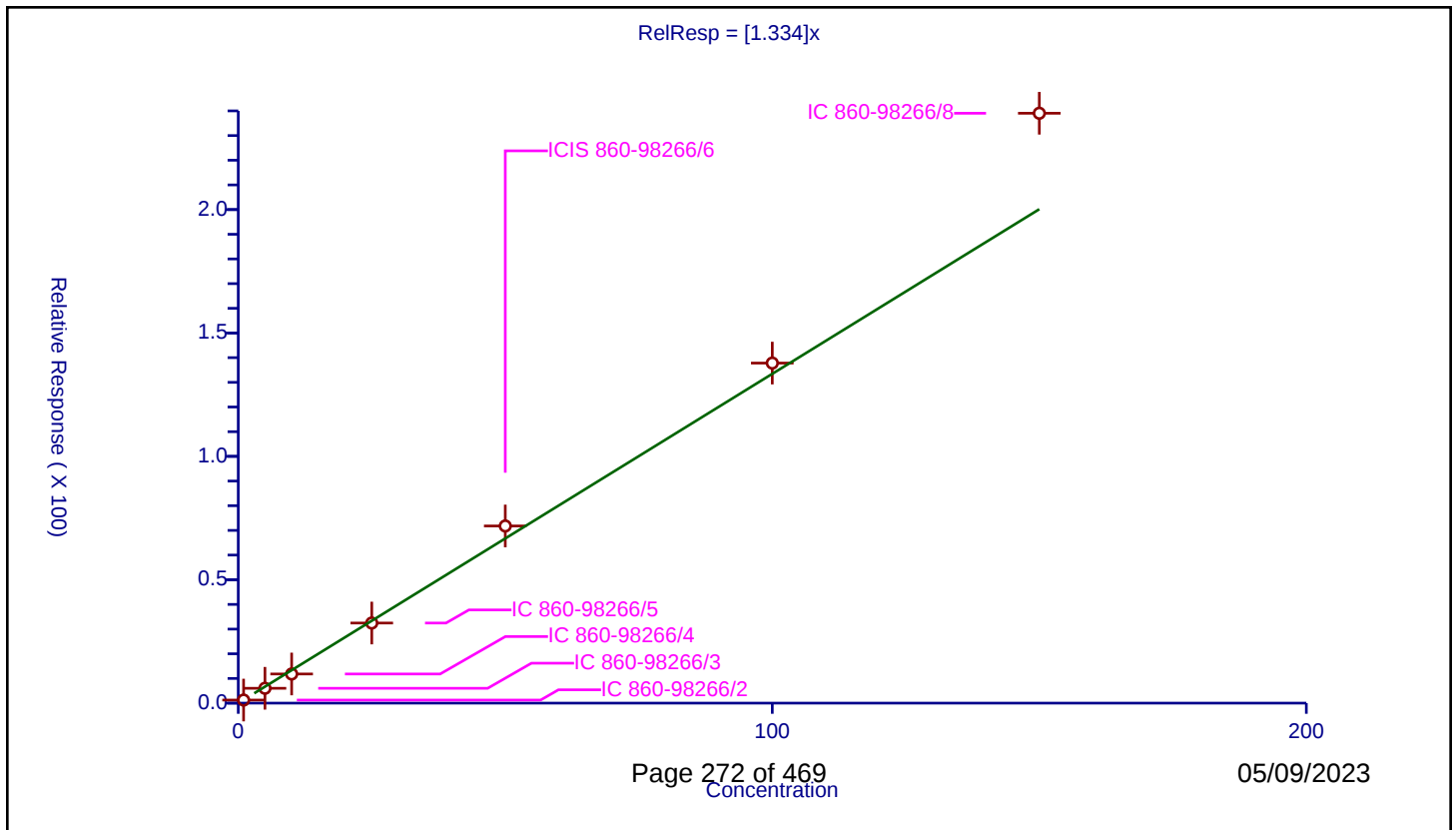
Curve Coefficients

Intercept: 0
Slope: 1.334

Error Coefficients

Standard Error: 1030000
Relative Standard Error: 11.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.249917	50.0	467431.0	1.249917	Y
2	IC 860-98266/3	5.0	6.020877	50.0	480827.0	1.204175	Y
3	IC 860-98266/4	10.0	11.812417	50.0	473561.0	1.181242	Y
4	IC 860-98266/5	25.0	32.456969	50.0	446941.0	1.298279	Y
5	ICIS 860-98266/6	50.0	71.787952	50.0	439486.0	1.435759	Y
6	IC 860-98266/7	100.0	137.804627	50.0	465611.0	1.378046	Y
7	IC 860-98266/8	150.0	239.039805	50.0	427538.0	1.593599	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

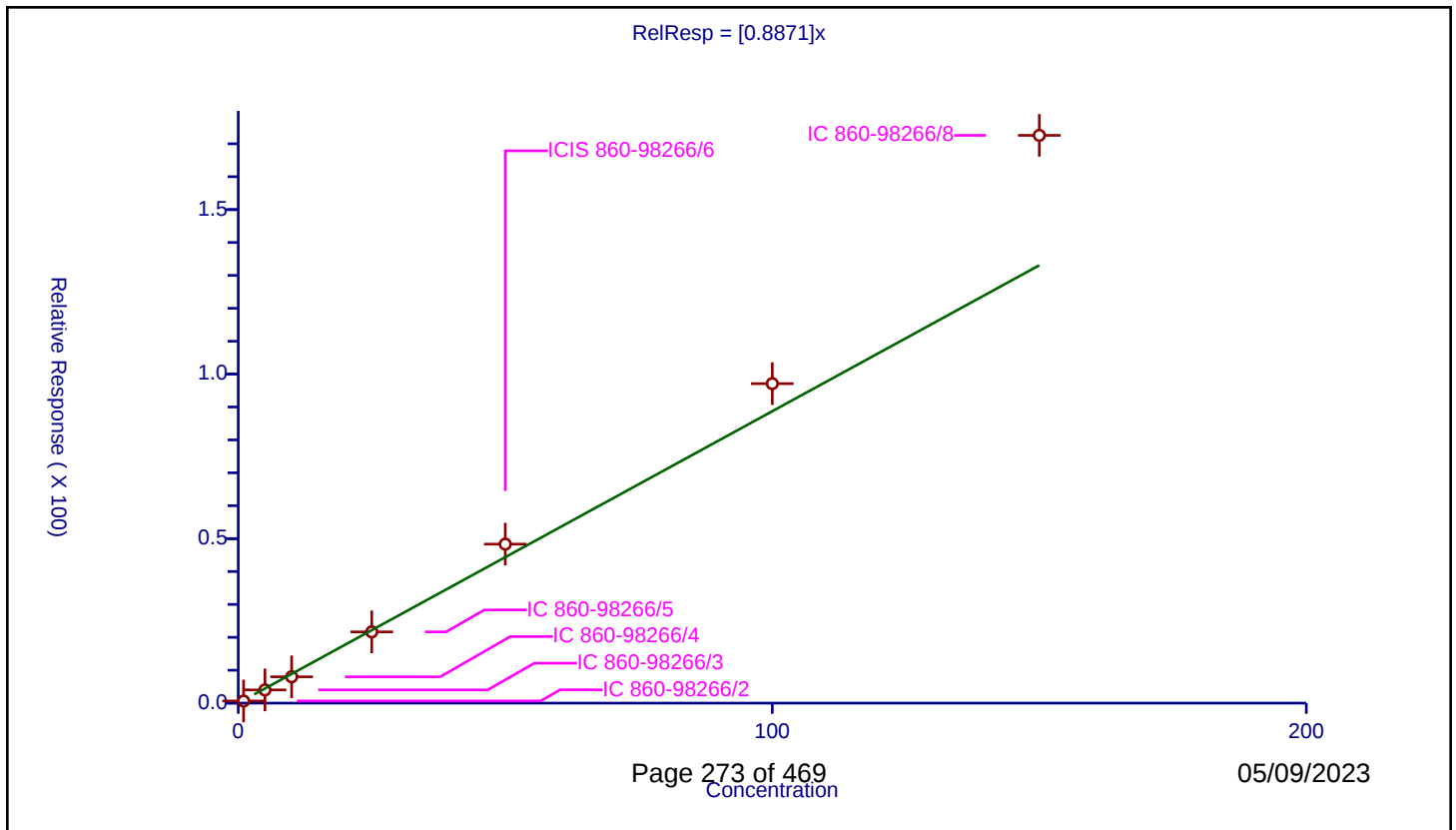
Curve Coefficients

Intercept: 0
Slope: 0.8871

Error Coefficients

Standard Error: 733000
Relative Standard Error: 18.0
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.652503	50.0	467431.0	0.652503	Y
2	IC 860-98266/3	5.0	4.014958	50.0	480827.0	0.802992	Y
3	IC 860-98266/4	10.0	8.005727	50.0	473561.0	0.800573	Y
4	IC 860-98266/5	25.0	21.649837	50.0	446941.0	0.865993	Y
5	ICIS 860-98266/6	50.0	48.321562	50.0	439486.0	0.966431	Y
6	IC 860-98266/7	100.0	97.100691	50.0	465611.0	0.971007	Y
7	IC 860-98266/8	150.0	172.562556	50.0	427538.0	1.150417	Y



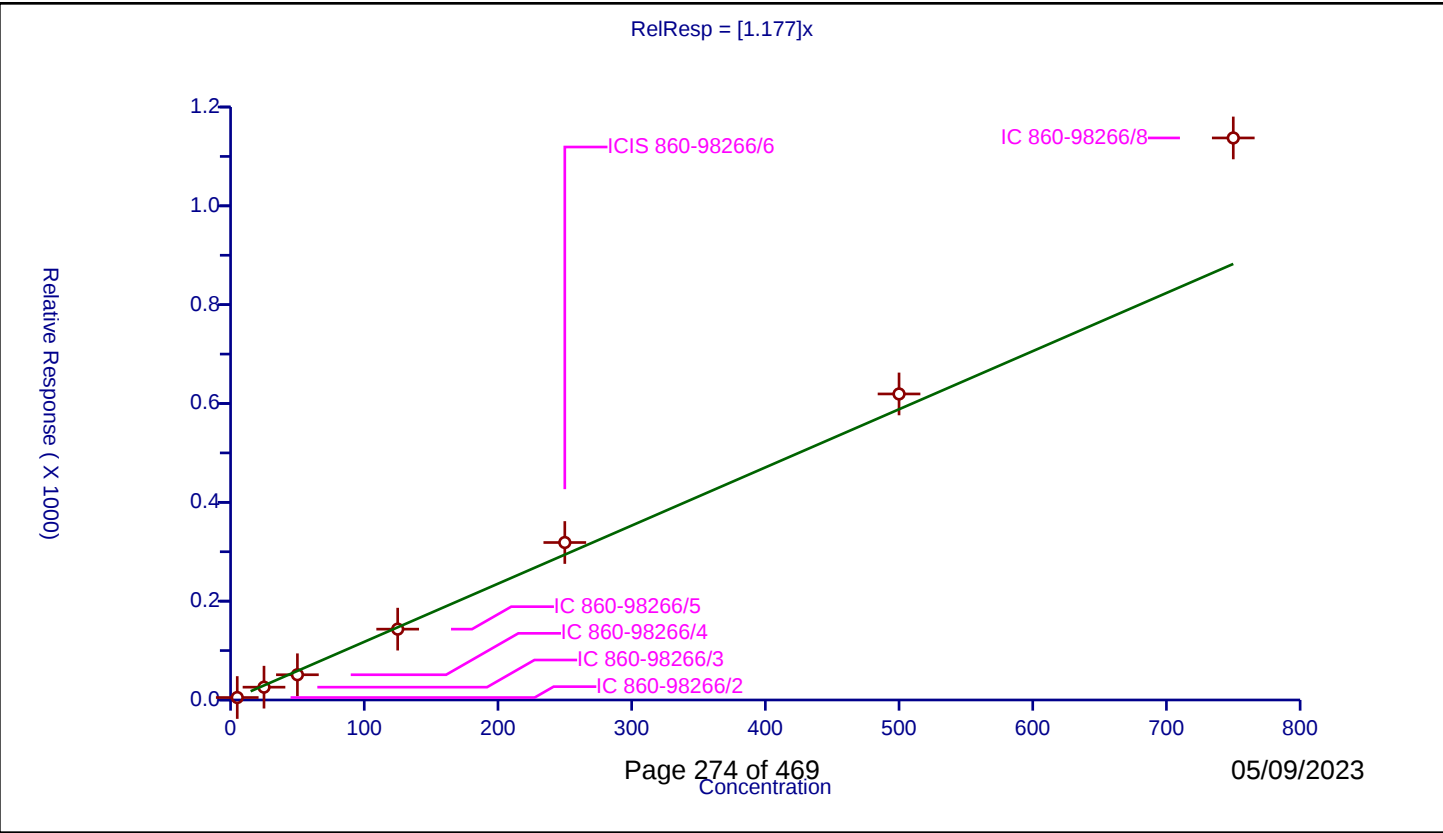
Calibration

/ 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:	1.177
Error Coefficients	
Standard Error:	4790000
Relative Standard Error:	15.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	5.0	4.999027	50.0	467431.0	0.999805	Y
2	IC 860-98266/3	25.0	25.944674	50.0	480827.0	1.037787	Y
3	IC 860-98266/4	50.0	51.096268	50.0	473561.0	1.021925	Y
4	IC 860-98266/5	125.0	143.351136	50.0	446941.0	1.146809	Y
5	ICIS 860-98266/6	250.0	318.694566	50.0	439486.0	1.274778	Y
6	IC 860-98266/7	500.0	619.334273	50.0	465611.0	1.238669	Y
7	IC 860-98266/8	750.0	1137.379718	50.0	427538.0	1.516506	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

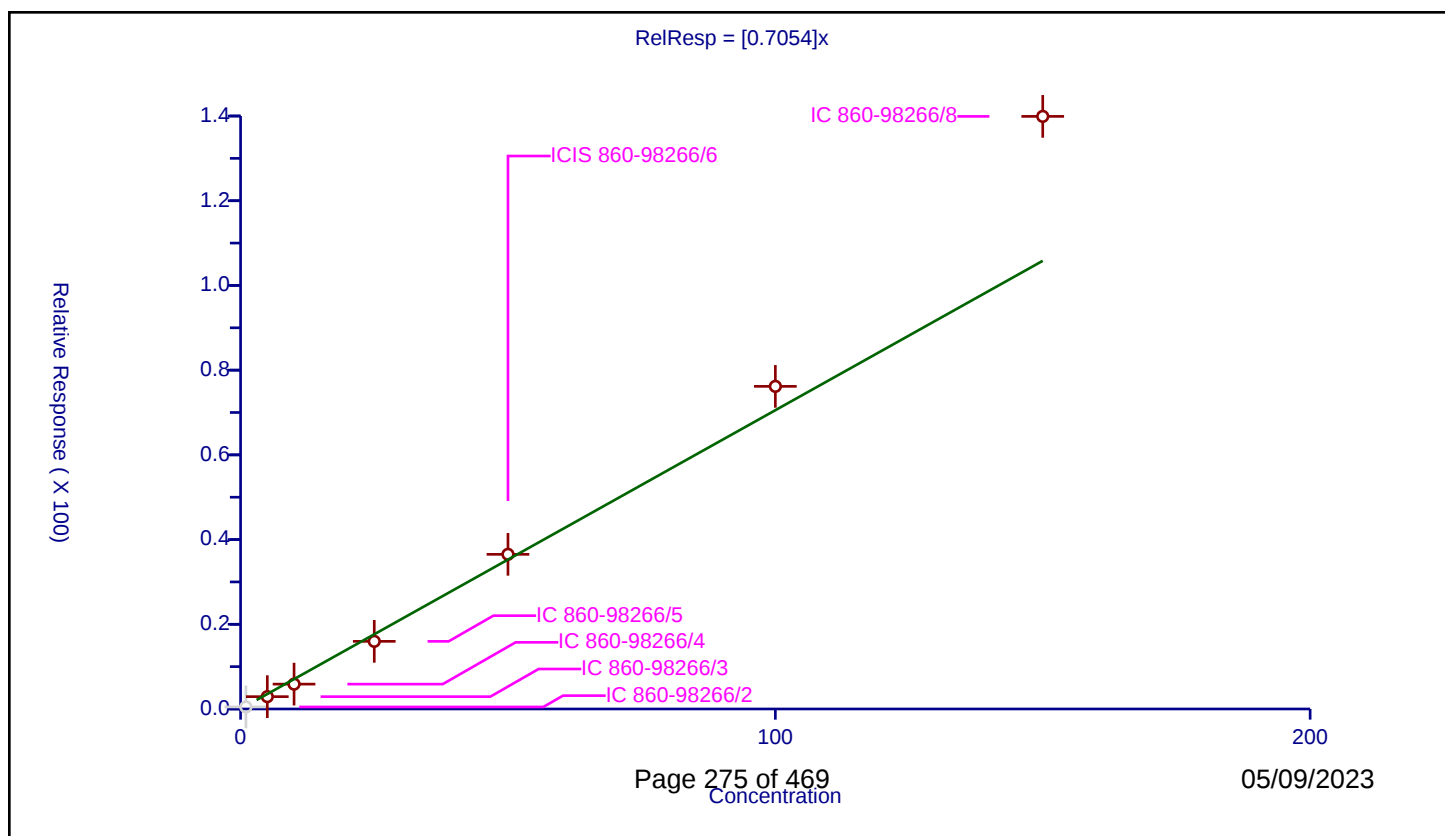
Curve Coefficients

Intercept: 0
Slope: 0.7054

Error Coefficients

Standard Error: 642000
Relative Standard Error: 18.9
Correlation Coefficient: 0.994
Coefficient of Determination (Adjusted): 0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.481034	50.0	467431.0	0.481034	N
2	IC 860-98266/3	5.0	2.90957	50.0	480827.0	0.581914	Y
3	IC 860-98266/4	10.0	5.870733	50.0	473561.0	0.587073	Y
4	IC 860-98266/5	25.0	15.966984	50.0	446941.0	0.638679	Y
5	ICIS 860-98266/6	50.0	36.513677	50.0	439486.0	0.730274	Y
6	IC 860-98266/7	100.0	76.171633	50.0	465611.0	0.761716	Y
7	IC 860-98266/8	150.0	139.911774	50.0	427538.0	0.932745	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

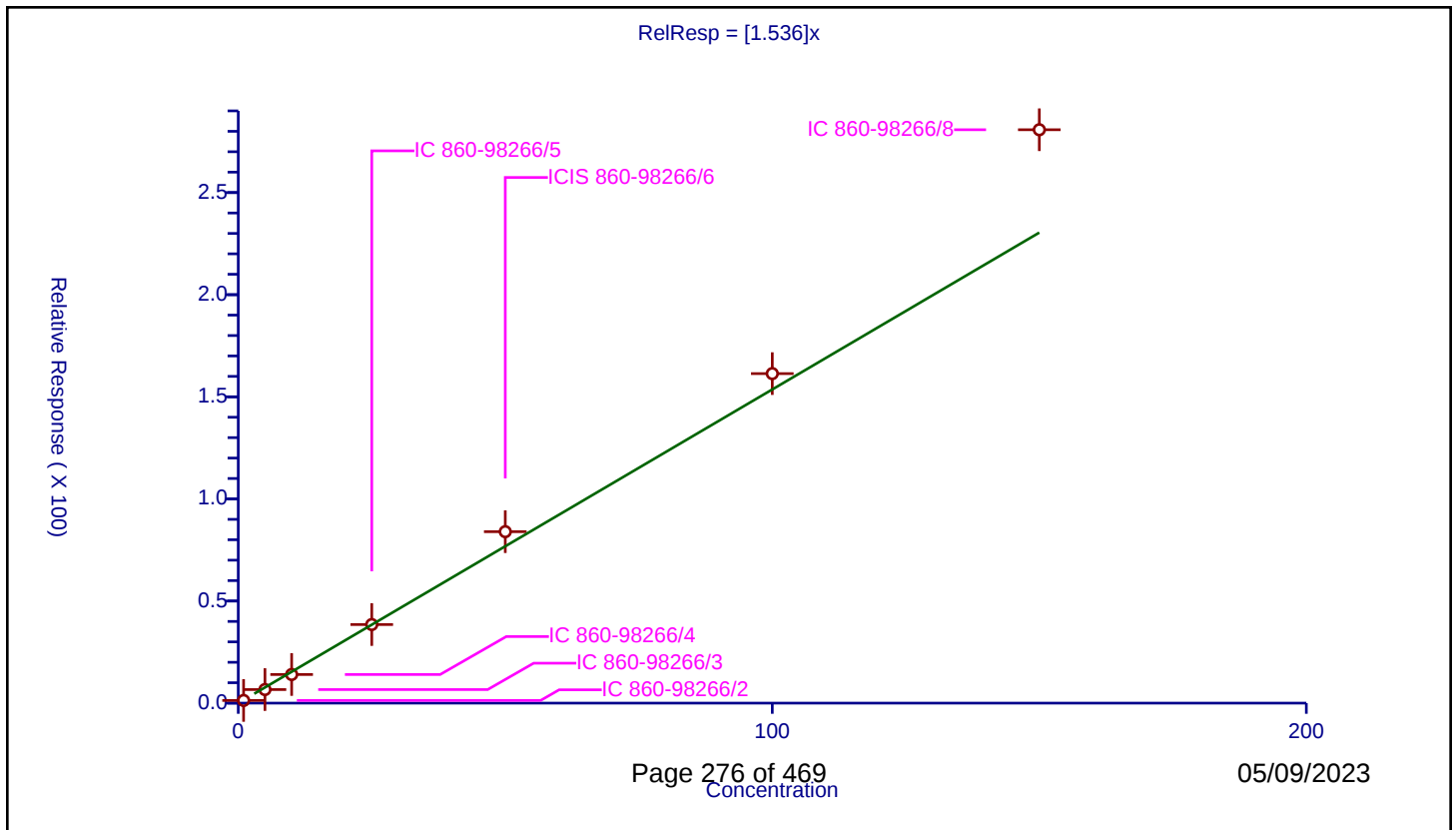
Curve Coefficients

Intercept: 0
Slope: 1.536

Error Coefficients

Standard Error: 1200000
Relative Standard Error: 13.2
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.316665	50.0	467431.0	1.316665	Y
2	IC 860-98266/3	5.0	6.648441	50.0	480827.0	1.329688	Y
3	IC 860-98266/4	10.0	14.019208	50.0	473561.0	1.401921	Y
4	IC 860-98266/5	25.0	38.482484	50.0	446941.0	1.539299	Y
5	ICIS 860-98266/6	50.0	83.952845	50.0	439486.0	1.679057	Y
6	IC 860-98266/7	100.0	161.353254	50.0	465611.0	1.613533	Y
7	IC 860-98266/8	150.0	280.766154	50.0	427538.0	1.871774	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

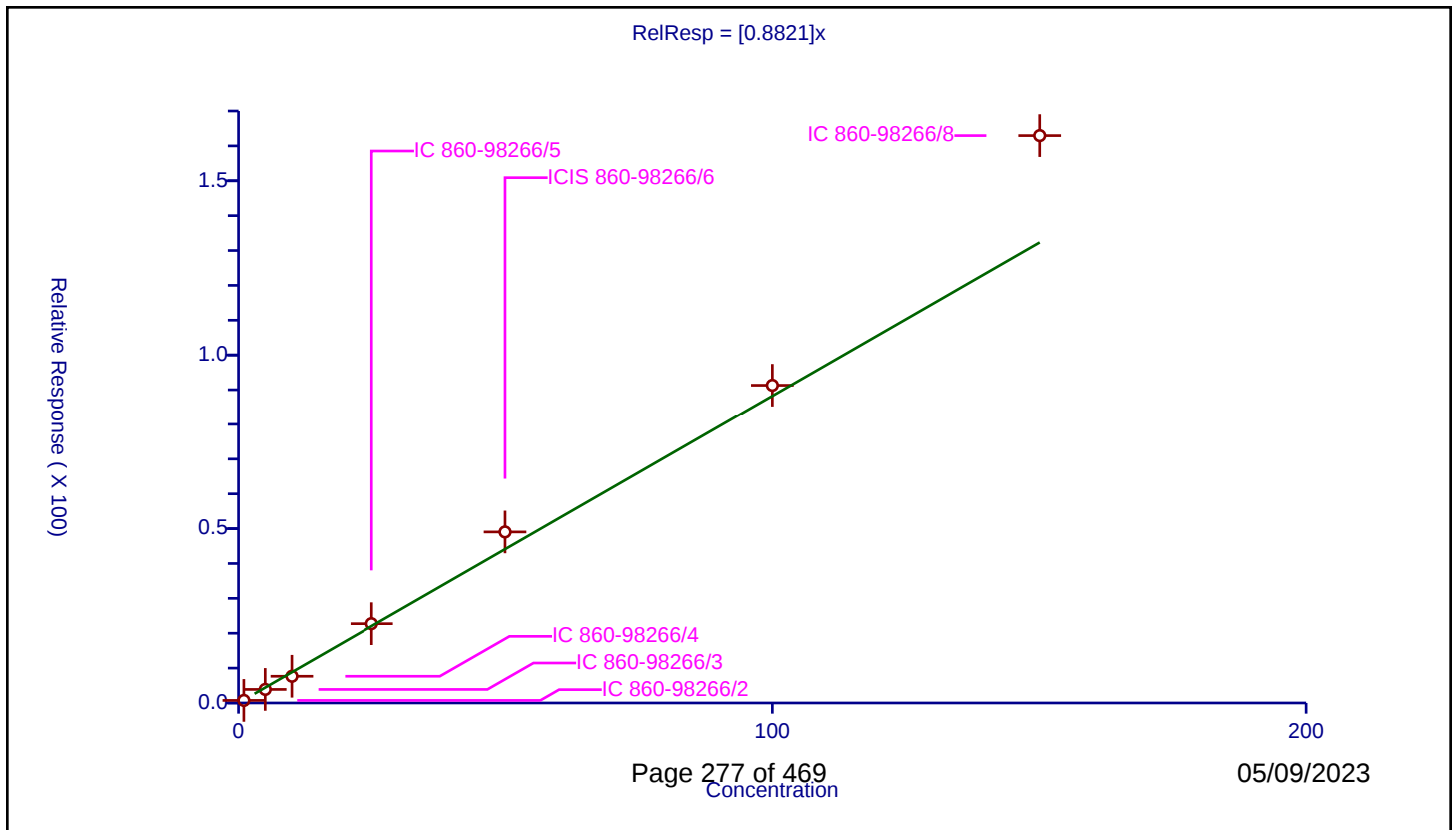
Curve Coefficients

Intercept: 0
Slope: 0.8821

Error Coefficients

Standard Error: 695000
Relative Standard Error: 14.4
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.740965	50.0	467431.0	0.740965	Y
2	IC 860-98266/3	5.0	3.888717	50.0	480827.0	0.777743	Y
3	IC 860-98266/4	10.0	7.662265	50.0	473561.0	0.766227	Y
4	IC 860-98266/5	25.0	22.742152	50.0	446941.0	0.909686	Y
5	ICIS 860-98266/6	50.0	49.051961	50.0	439486.0	0.981039	Y
6	IC 860-98266/7	100.0	91.293161	50.0	465611.0	0.912932	Y
7	IC 860-98266/8	150.0	162.951013	50.0	427538.0	1.08634	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

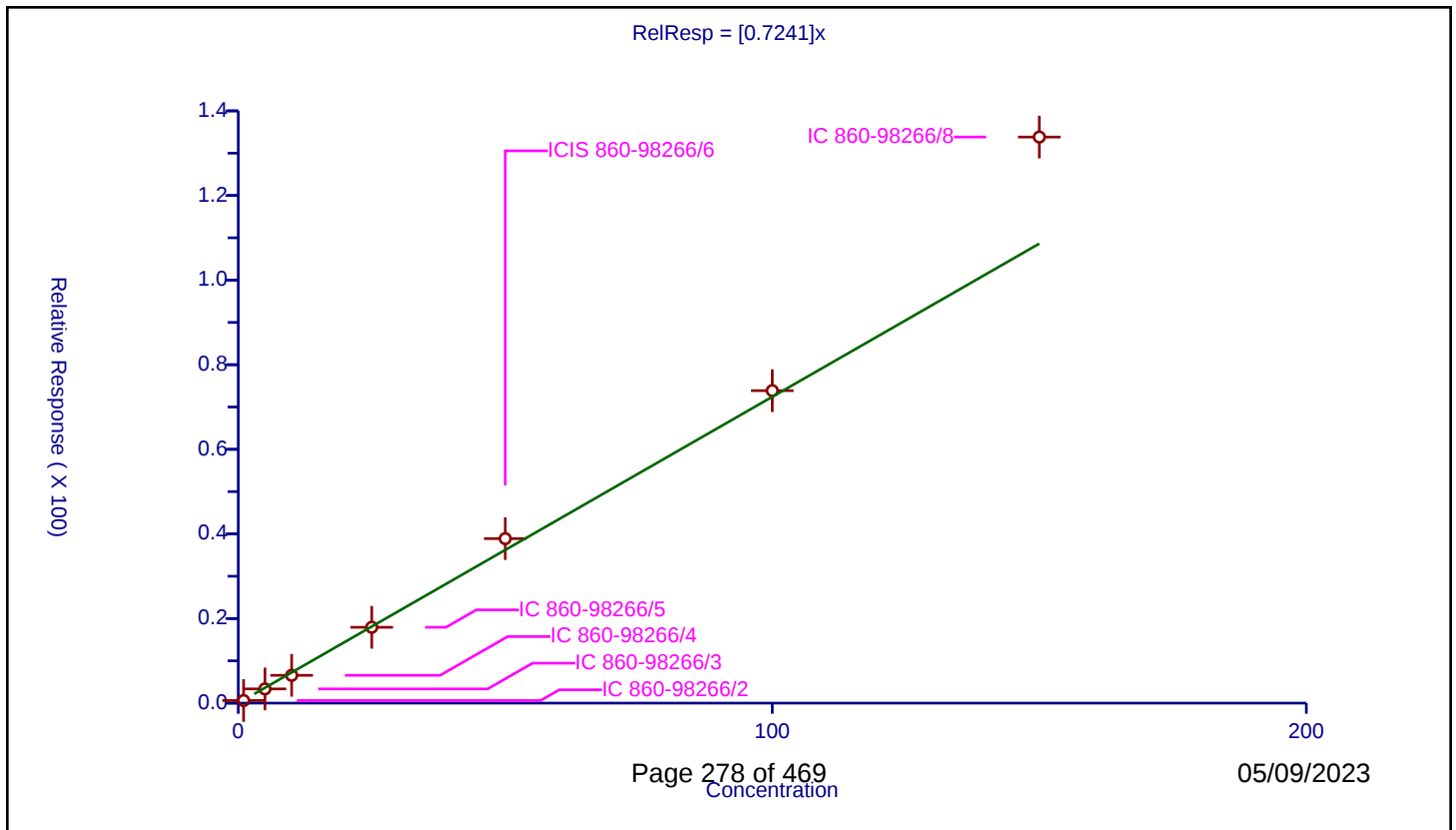
Curve Coefficients

Intercept: 0
Slope: 0.7241

Error Coefficients

Standard Error: 567000
Relative Standard Error: 12.7
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.614957	50.0	467431.0	0.614957	Y
2	IC 860-98266/3	5.0	3.356717	50.0	480827.0	0.671343	Y
3	IC 860-98266/4	10.0	6.570009	50.0	473561.0	0.657001	Y
4	IC 860-98266/5	25.0	17.927646	50.0	446941.0	0.717106	Y
5	ICIS 860-98266/6	50.0	38.884401	50.0	439486.0	0.777688	Y
6	IC 860-98266/7	100.0	73.867134	50.0	465611.0	0.738671	Y
7	IC 860-98266/8	150.0	133.818514	50.0	427538.0	0.892123	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

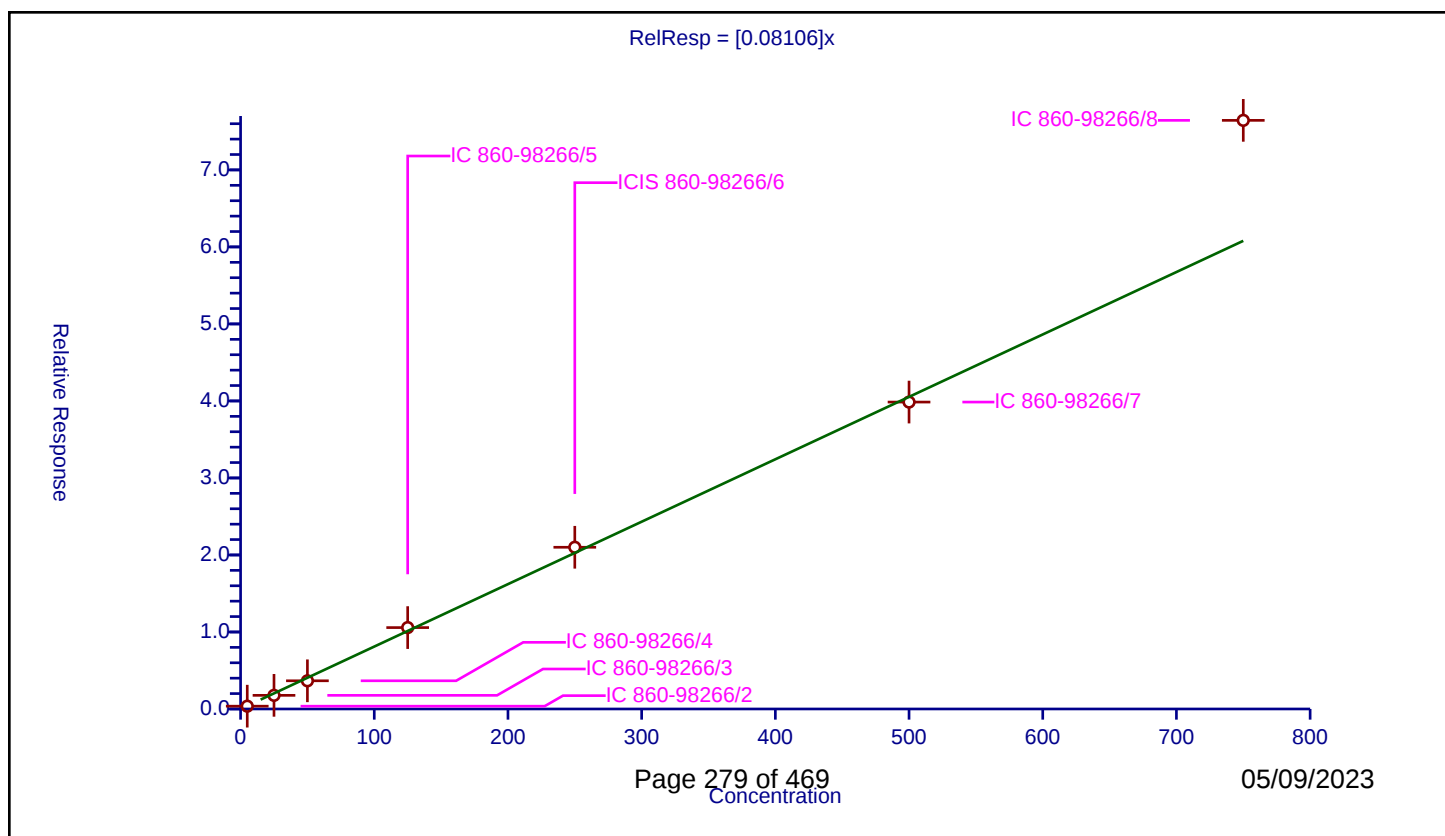
Curve Coefficients

Intercept: 0
Slope: 0.08106

Error Coefficients

Standard Error: 319000
Relative Standard Error: 13.2
Correlation Coefficient: 0.991
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	5.0	0.365722	50.0	467431.0	0.073144	Y
2	IC 860-98266/3	25.0	1.771739	50.0	480827.0	0.07087	Y
3	IC 860-98266/4	50.0	3.660141	50.0	473561.0	0.073203	Y
4	IC 860-98266/5	125.0	10.56918	50.0	446941.0	0.084553	Y
5	ICIS 860-98266/6	250.0	21.000555	50.0	439486.0	0.084002	Y
6	IC 860-98266/7	500.0	39.854729	50.0	465611.0	0.079709	Y
7	IC 860-98266/8	750.0	76.435194	50.0	427538.0	0.101914	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

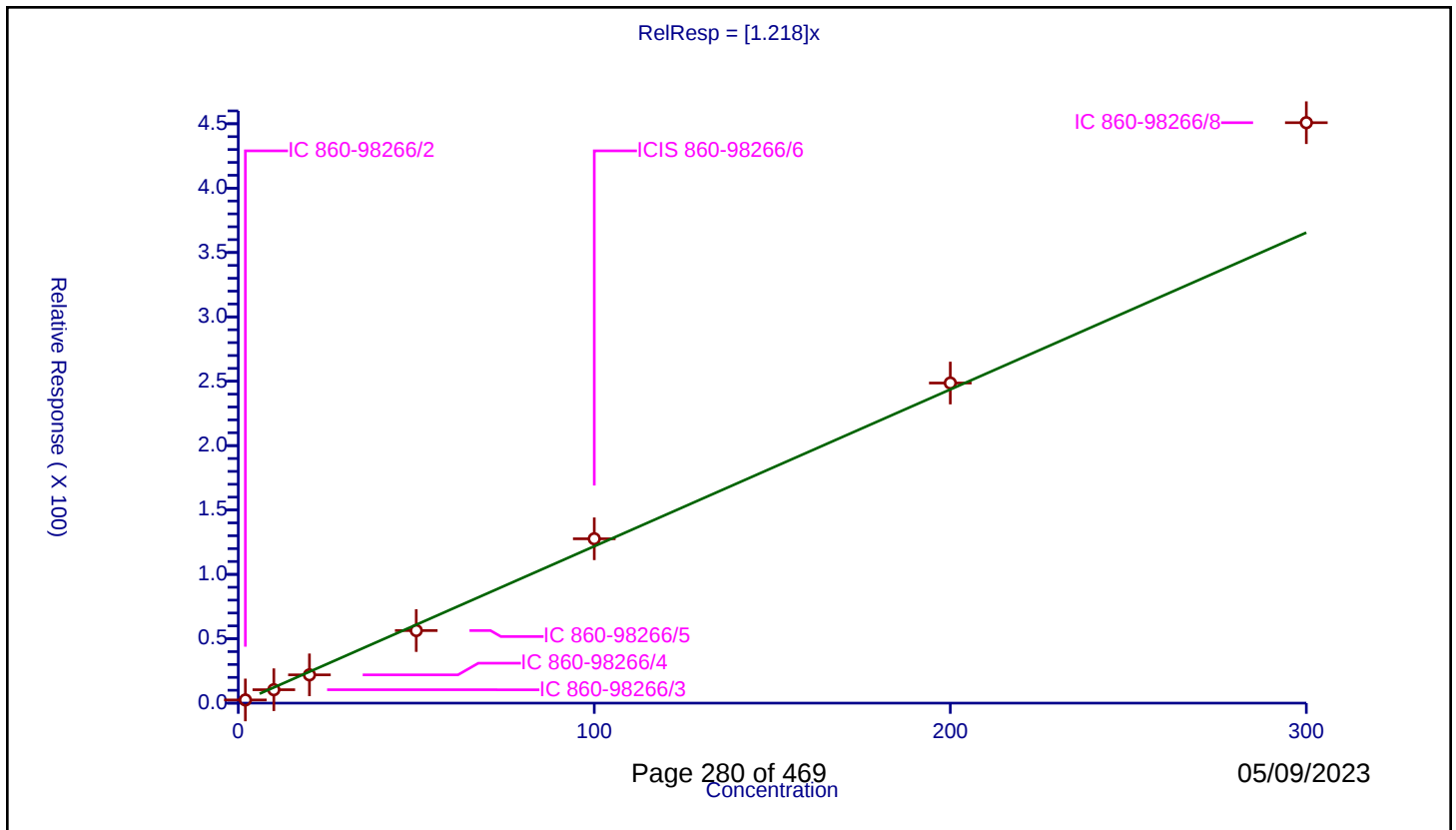
Curve Coefficients

Intercept: 0
Slope: 1.218

Error Coefficients

Standard Error: 1910000
Relative Standard Error: 12.5
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	2.0	2.474697	50.0	467431.0	1.237348	Y
2	IC 860-98266/3	10.0	10.422876	50.0	480827.0	1.042288	Y
3	IC 860-98266/4	20.0	21.962641	50.0	473561.0	1.098132	Y
4	IC 860-98266/5	50.0	56.36471	50.0	446941.0	1.127294	Y
5	ICIS 860-98266/6	100.0	127.653327	50.0	439486.0	1.276533	Y
6	IC 860-98266/7	200.0	248.616549	50.0	465611.0	1.243083	Y
7	IC 860-98266/8	300.0	450.845071	50.0	427538.0	1.502817	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

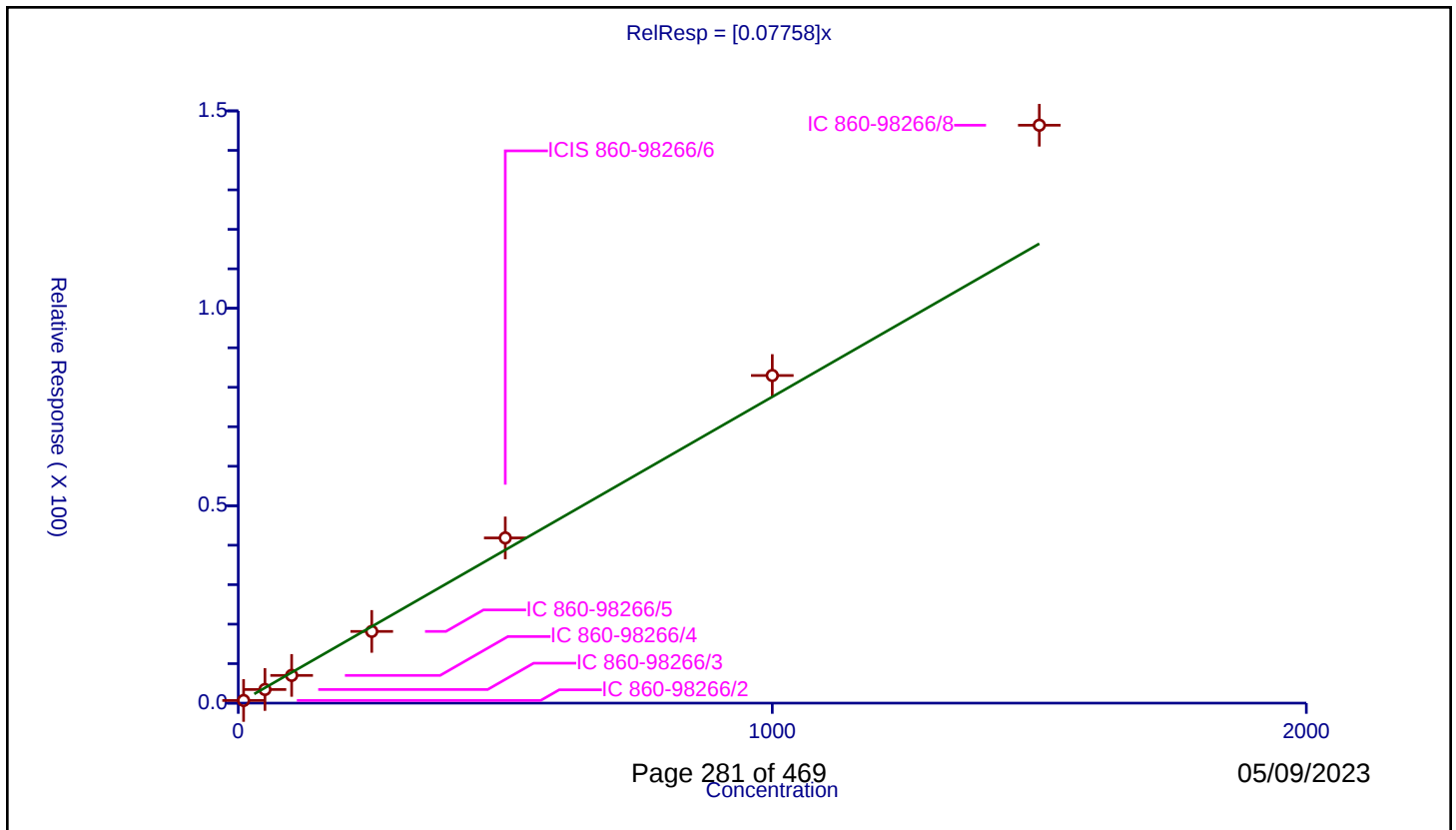
Curve Coefficients

Intercept: 0
Slope: 0.07758

Error Coefficients

Standard Error: 623000
Relative Standard Error: 14.2
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	10.0	0.669831	50.0	467431.0	0.066983	Y
2	IC 860-98266/3	50.0	3.448018	50.0	480827.0	0.06896	Y
3	IC 860-98266/4	100.0	7.01842	50.0	473561.0	0.070184	Y
4	IC 860-98266/5	250.0	18.163695	50.0	446941.0	0.072655	Y
5	ICIS 860-98266/6	500.0	41.842402	50.0	439486.0	0.083685	Y
6	IC 860-98266/7	1000.0	82.981394	50.0	465611.0	0.082981	Y
7	IC 860-98266/8	1500.0	146.371668	50.0	427538.0	0.097581	Y



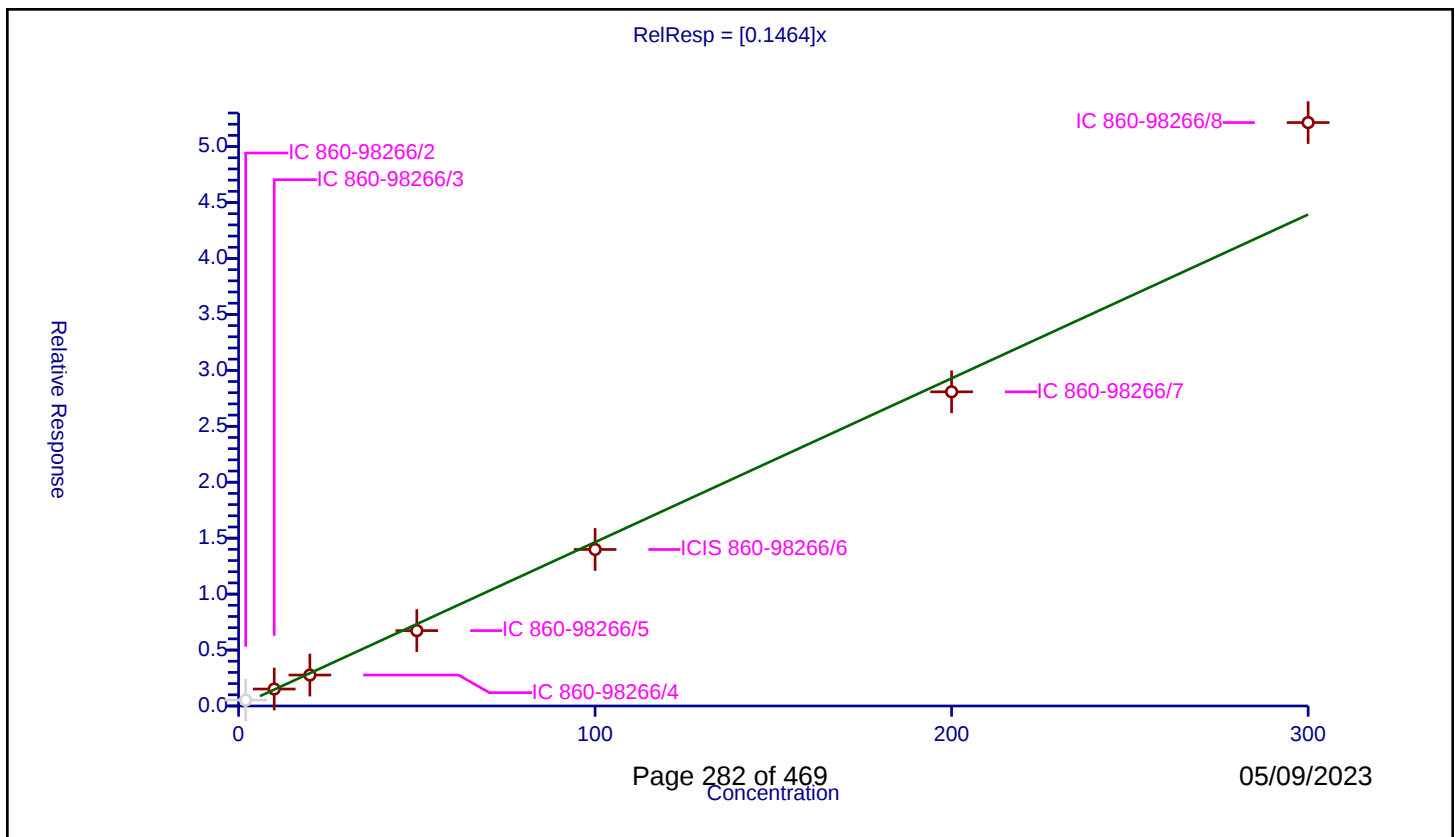
Calibration

/ 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:	0.1464
Error Coefficients	
Standard Error:	239000
Relative Standard Error:	9.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	2.0	0.529704	50.0	467431.0	0.264852	N
2	IC 860-98266/3	10.0	1.513746	50.0	480827.0	0.151375	Y
3	IC 860-98266/4	20.0	2.766592	50.0	473561.0	0.13833	Y
4	IC 860-98266/5	50.0	6.736236	50.0	446941.0	0.134725	Y
5	ICIS 860-98266/6	100.0	13.988842	50.0	439486.0	0.139888	Y
6	IC 860-98266/7	200.0	28.081703	50.0	465611.0	0.140409	Y
7	IC 860-98266/8	300.0	52.14671	50.0	427538.0	0.173822	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

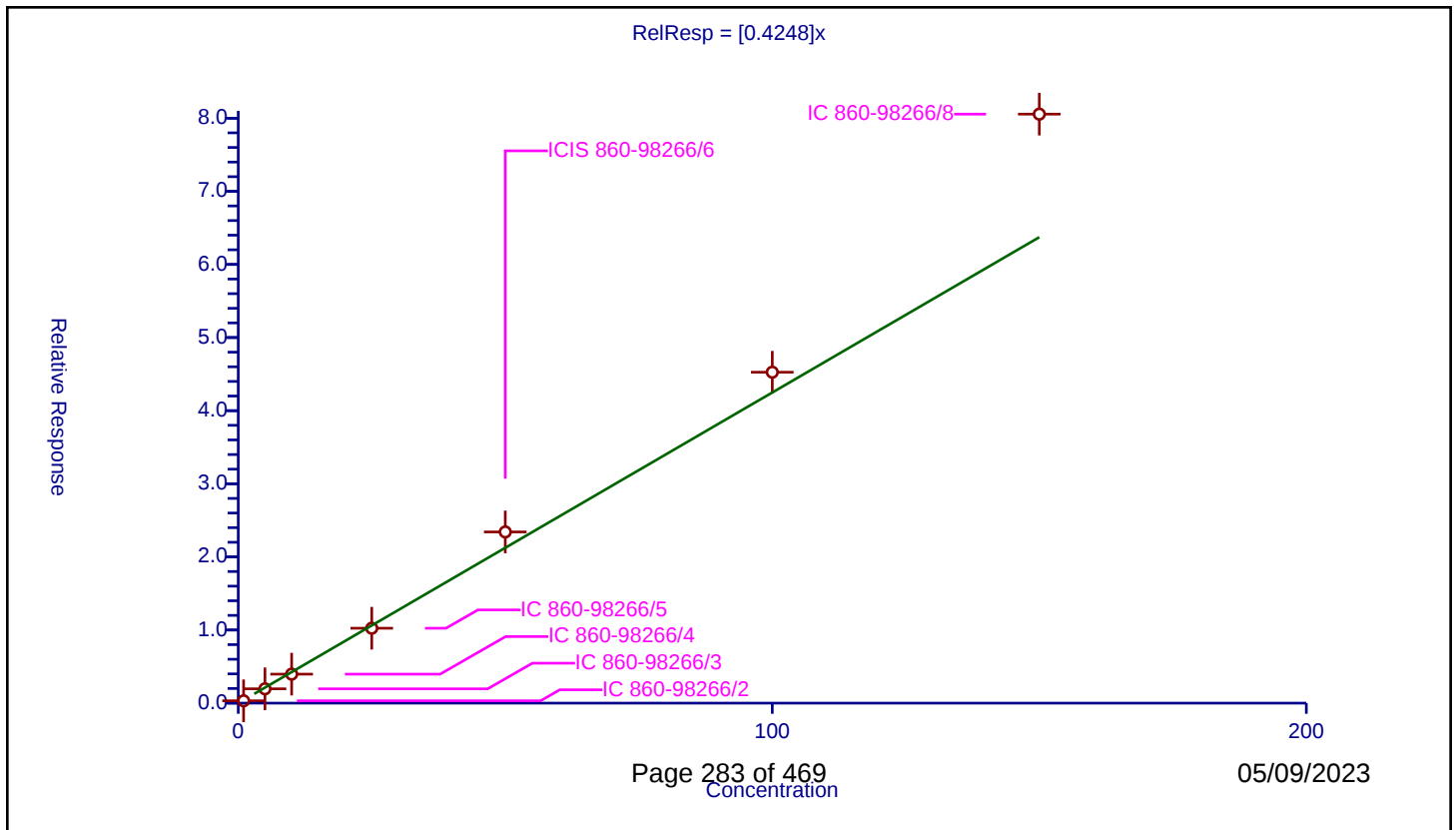
Curve Coefficients

Intercept: 0
Slope: 0.4248

Error Coefficients

Standard Error: 343000
Relative Standard Error: 16.3
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.318229	50.0	467431.0	0.318229	Y
2	IC 860-98266/3	5.0	1.956525	50.0	480827.0	0.391305	Y
3	IC 860-98266/4	10.0	3.965909	50.0	473561.0	0.396591	Y
4	IC 860-98266/5	25.0	10.24397	50.0	446941.0	0.409759	Y
5	ICIS 860-98266/6	50.0	23.414853	50.0	439486.0	0.468297	Y
6	IC 860-98266/7	100.0	45.258703	50.0	465611.0	0.452587	Y
7	IC 860-98266/8	150.0	80.554594	50.0	427538.0	0.537031	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

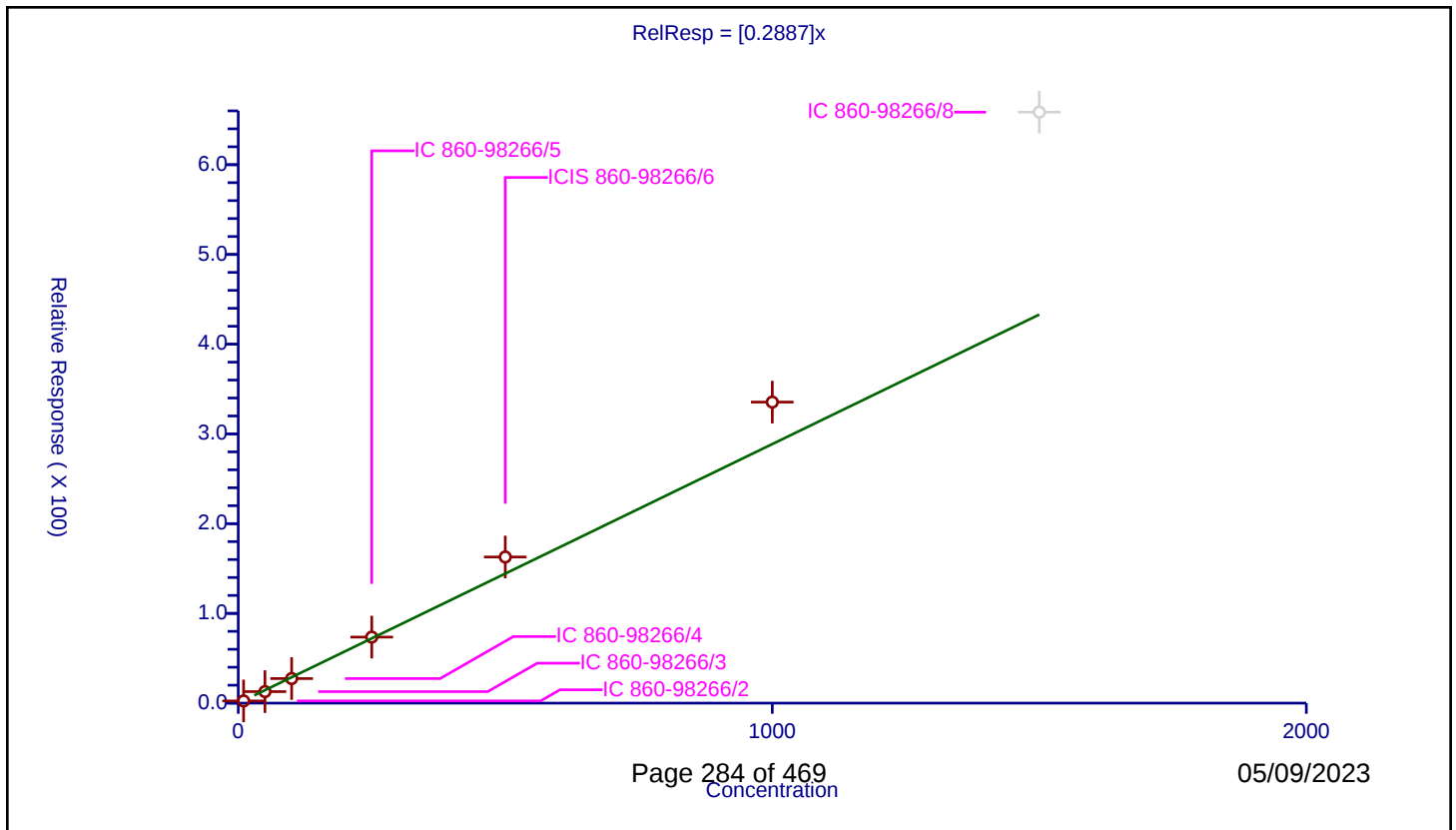
Curve Coefficients

Intercept: 0
Slope: 0.2887

Error Coefficients

Standard Error: 1570000
Relative Standard Error: 12.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	10.0	2.462182	50.0	467431.0	0.246218	Y
2	IC 860-98266/3	50.0	12.833306	50.0	480827.0	0.256666	Y
3	IC 860-98266/4	100.0	27.37546	50.0	473561.0	0.273755	Y
4	IC 860-98266/5	250.0	73.579287	50.0	446941.0	0.294317	Y
5	ICIS 860-98266/6	500.0	162.845574	50.0	439486.0	0.325691	Y
6	IC 860-98266/7	1000.0	335.481335	50.0	465611.0	0.335481	Y
7	IC 860-98266/8	1500.0	658.588242	50.0	427538.0	0.439059	N



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

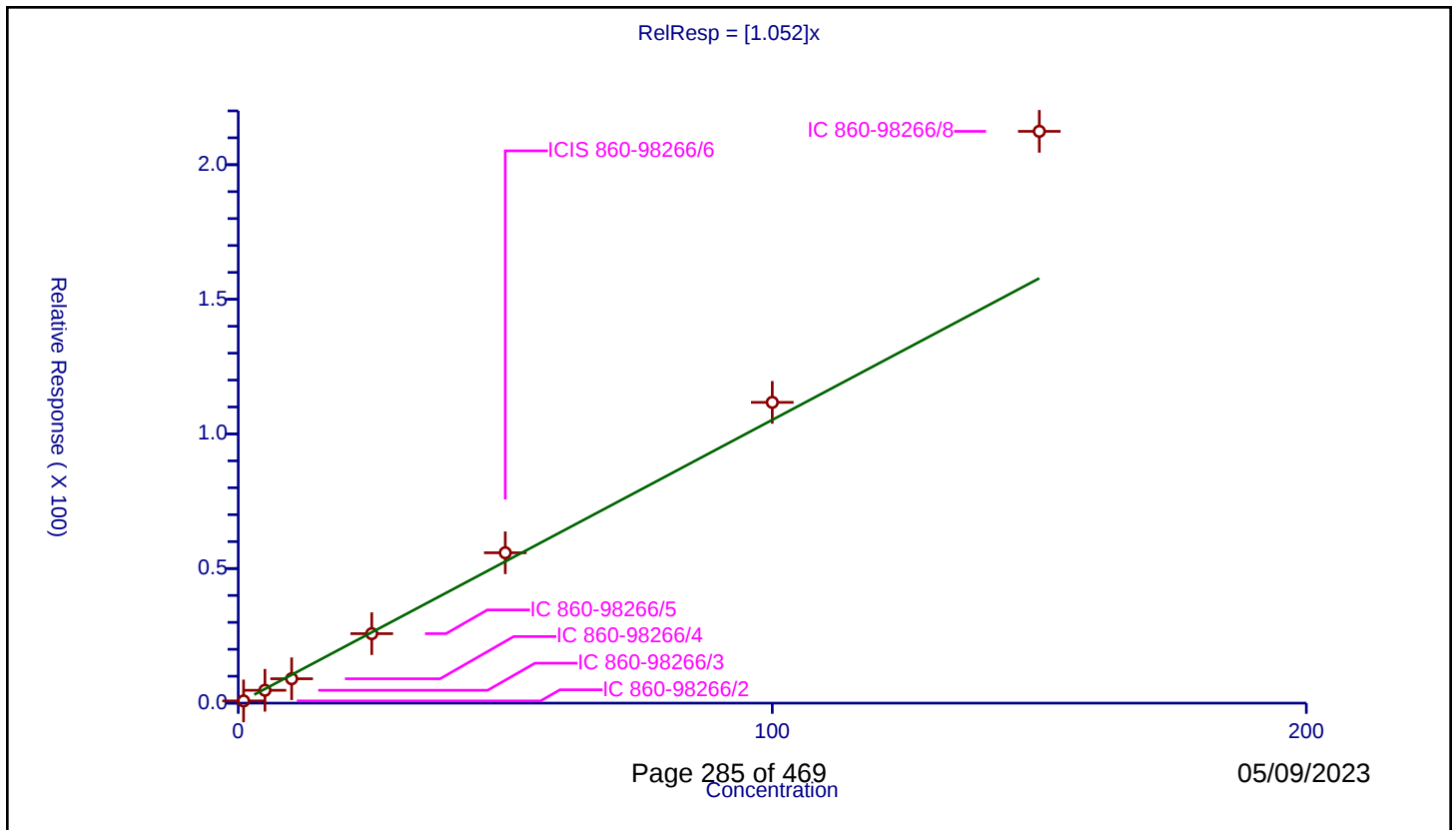
Curve Coefficients

Intercept: 0
 Slope: 1.052

Error Coefficients

Standard Error: 884000
 Relative Standard Error: 18.4
 Correlation Coefficient: 0.991
 Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.822367	50.0	467431.0	0.822367	Y
2	IC 860-98266/3	5.0	4.770011	50.0	480827.0	0.954002	Y
3	IC 860-98266/4	10.0	9.061135	50.0	473561.0	0.906113	Y
4	IC 860-98266/5	25.0	25.805308	50.0	446941.0	1.032212	Y
5	ICIS 860-98266/6	50.0	55.854794	50.0	439486.0	1.117096	Y
6	IC 860-98266/7	100.0	111.719117	50.0	465611.0	1.117191	Y
7	IC 860-98266/8	150.0	212.404394	50.0	427538.0	1.416029	Y



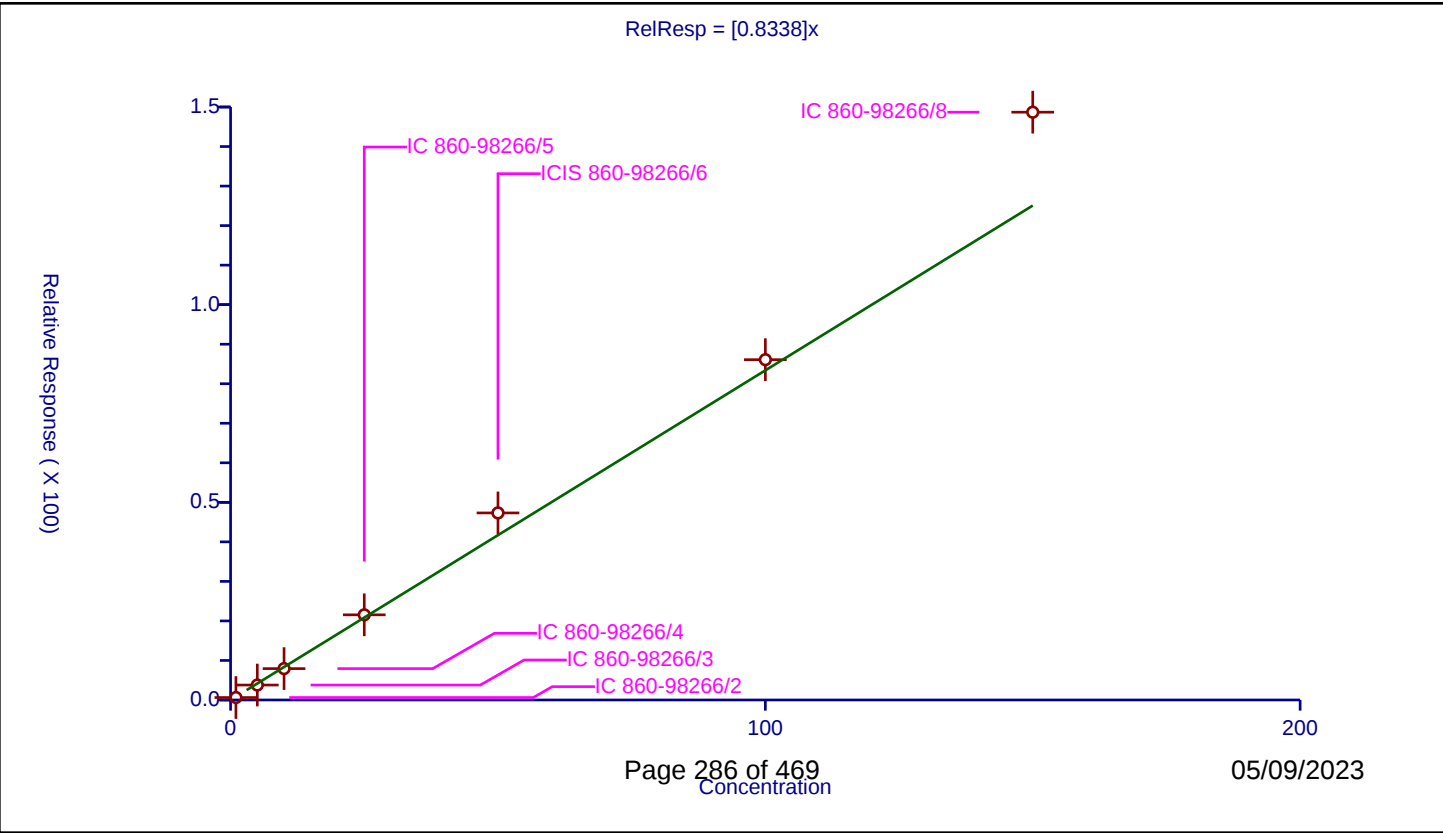
Calibration

/ 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:	0.8338
Error Coefficients	
Standard Error:	642000
Relative Standard Error:	14.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.627044	50.0	467431.0	0.627044	Y
2	IC 860-98266/3	5.0	3.779218	50.0	480827.0	0.755844	Y
3	IC 860-98266/4	10.0	7.935725	50.0	473561.0	0.793573	Y
4	IC 860-98266/5	25.0	21.545573	50.0	446941.0	0.861823	Y
5	ICIS 860-98266/6	50.0	47.315842	50.0	439486.0	0.946317	Y
6	IC 860-98266/7	100.0	86.08785	50.0	465611.0	0.860879	Y
7	IC 860-98266/8	150.0	148.69076	50.0	427538.0	0.991272	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

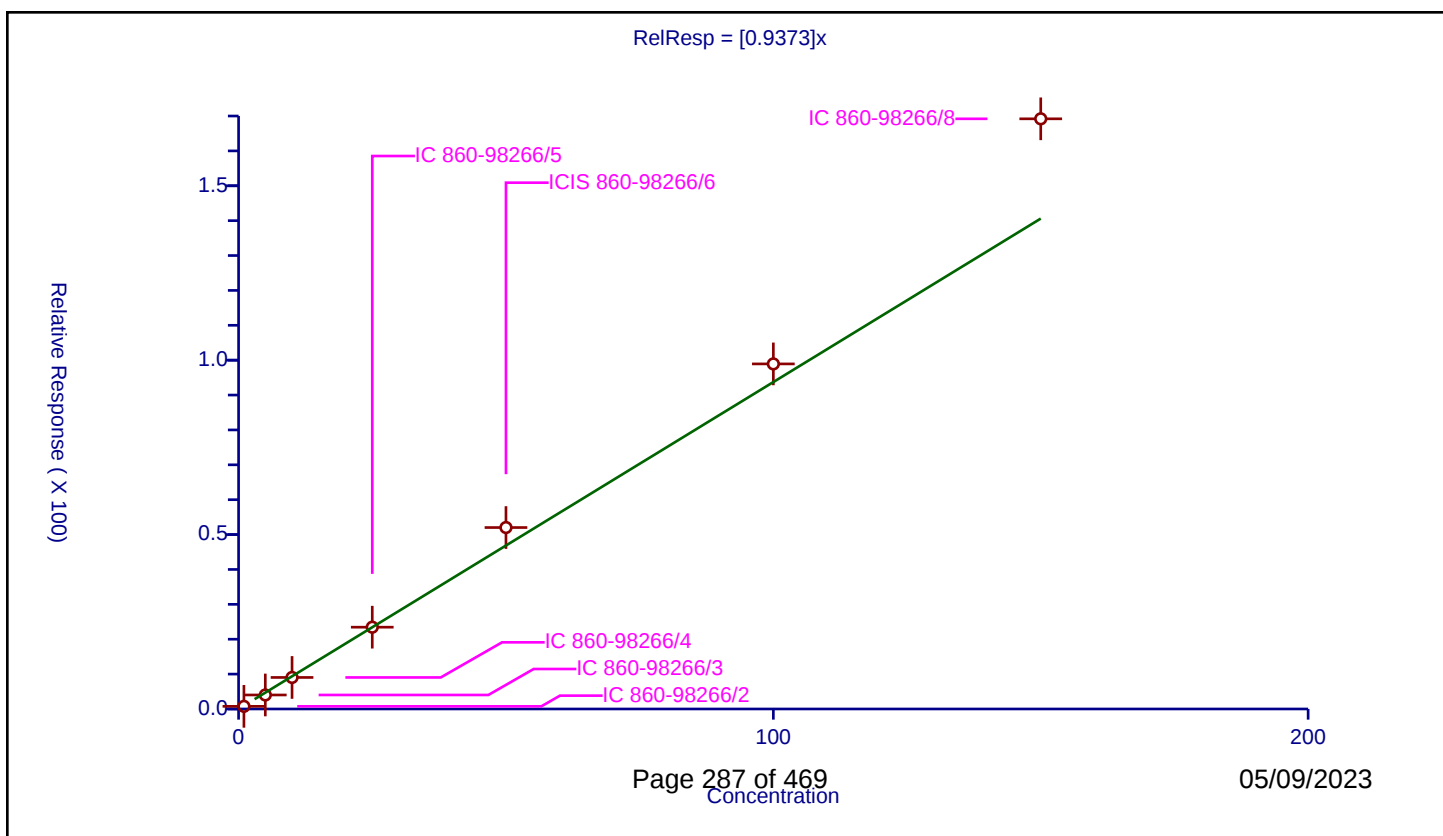
Curve Coefficients

Intercept: 0
Slope: 0.9373

Error Coefficients

Standard Error: 731000
Relative Standard Error: 13.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.758829	50.0	467431.0	0.758829	Y
2	IC 860-98266/3	5.0	4.014438	50.0	480827.0	0.802888	Y
3	IC 860-98266/4	10.0	9.036745	50.0	473561.0	0.903675	Y
4	IC 860-98266/5	25.0	23.449068	50.0	446941.0	0.937963	Y
5	ICIS 860-98266/6	50.0	52.022476	50.0	439486.0	1.04045	Y
6	IC 860-98266/7	100.0	98.928934	50.0	465611.0	0.989289	Y
7	IC 860-98266/8	150.0	169.197943	50.0	427538.0	1.127986	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

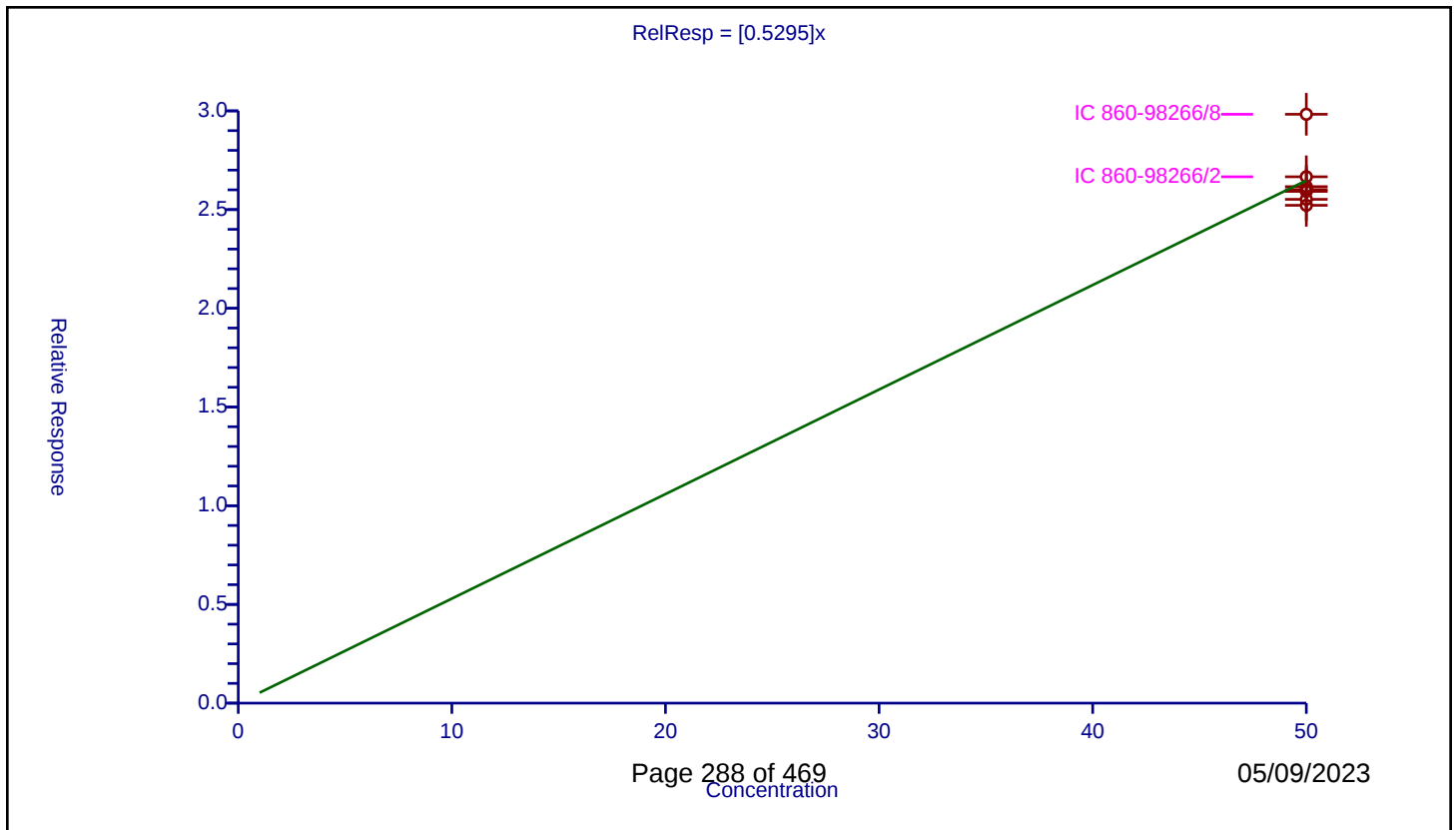
Curve Coefficients

Intercept: 0
Slope: 0.5295

Error Coefficients

Standard Error: 261000
Relative Standard Error: 5.9
Correlation Coefficient: 0.00000000000000000000
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	50.0	26.662224	50.0	467431.0	0.533244	Y
2	IC 860-98266/3	50.0	25.216658	50.0	480827.0	0.504333	Y
3	IC 860-98266/4	50.0	25.518993	50.0	473561.0	0.51038	Y
4	IC 860-98266/5	50.0	26.163297	50.0	446941.0	0.523266	Y
5	ICIS 860-98266/6	50.0	26.011409	50.0	439486.0	0.520228	Y
6	IC 860-98266/7	50.0	25.921424	50.0	465611.0	0.518428	Y
7	IC 860-98266/8	50.0	29.828577	50.0	427538.0	0.596572	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

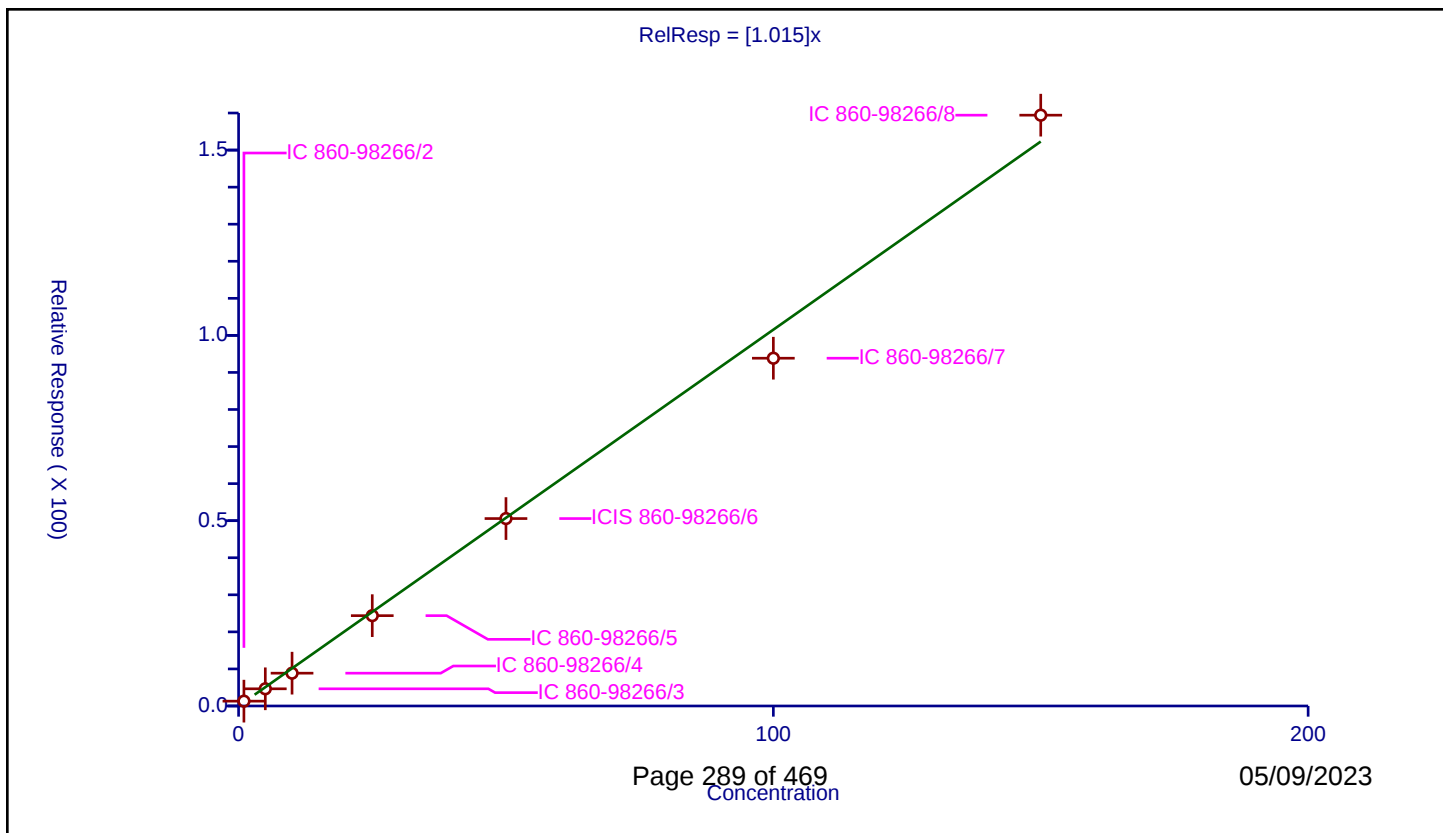
Curve Coefficients

Intercept: 0
Slope: 1.015

Error Coefficients

Standard Error: 692000
Relative Standard Error: 13.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.306931	50.0	467431.0	1.306931	Y
2	IC 860-98266/3	5.0	4.637739	50.0	480827.0	0.927548	Y
3	IC 860-98266/4	10.0	8.854192	50.0	473561.0	0.885419	Y
4	IC 860-98266/5	25.0	24.374806	50.0	446941.0	0.974992	Y
5	ICIS 860-98266/6	50.0	50.57078	50.0	439486.0	1.011416	Y
6	IC 860-98266/7	100.0	93.83917	50.0	465611.0	0.938392	Y
7	IC 860-98266/8	150.0	159.419864	50.0	427538.0	1.062799	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

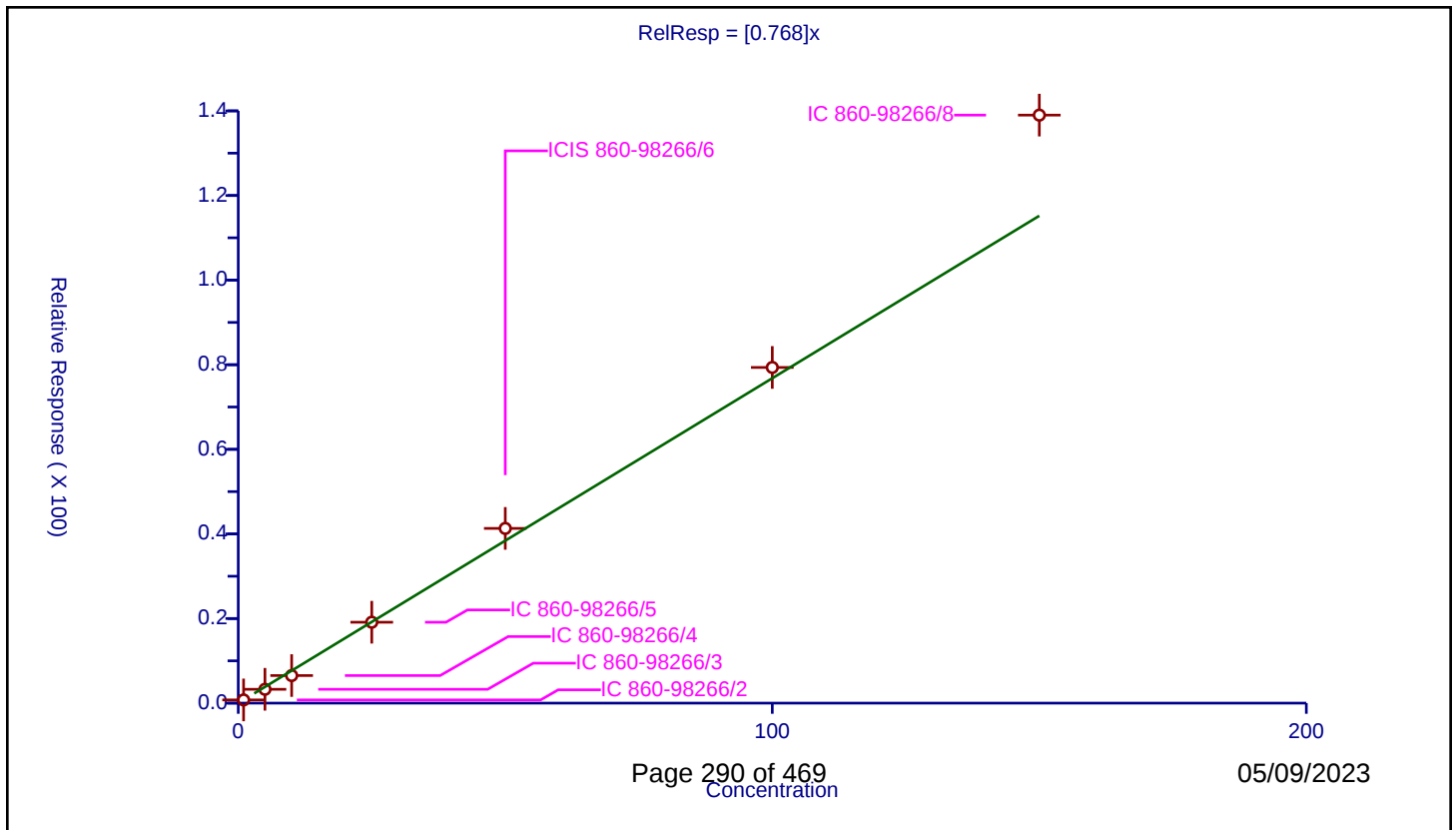
Curve Coefficients

Intercept: 0
Slope: 0.768

Error Coefficients

Standard Error: 595000
Relative Standard Error: 12.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.75947	50.0	467431.0	0.75947	Y
2	IC 860-98266/3	5.0	3.268639	50.0	480827.0	0.653728	Y
3	IC 860-98266/4	10.0	6.518484	50.0	473561.0	0.651848	Y
4	IC 860-98266/5	25.0	19.122435	50.0	446941.0	0.764897	Y
5	ICIS 860-98266/6	50.0	41.301429	50.0	439486.0	0.826029	Y
6	IC 860-98266/7	100.0	79.348319	50.0	465611.0	0.793483	Y
7	IC 860-98266/8	150.0	139.001679	50.0	427538.0	0.926678	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

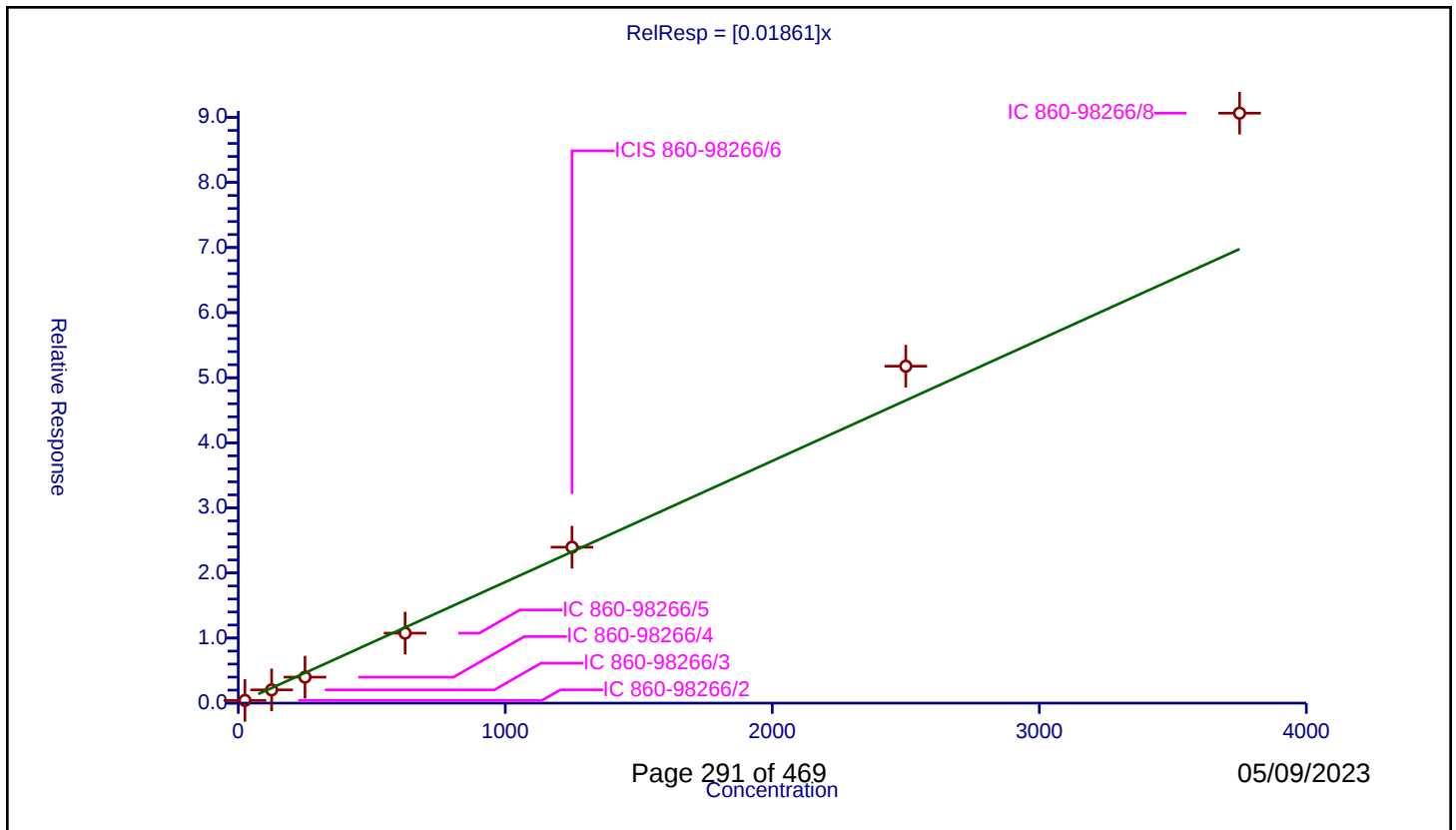
Curve Coefficients

Intercept: 0
Slope: 0.01861

Error Coefficients

Standard Error: 701000
Relative Standard Error: 16.1
Correlation Coefficient: 0.989
Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	25.0	0.418182	50.0	827272.0	0.016727	Y
2	IC 860-98266/3	125.0	2.036939	50.0	800564.0	0.016296	Y
3	IC 860-98266/4	250.0	3.991892	50.0	814238.0	0.015968	Y
4	IC 860-98266/5	625.0	10.753311	50.0	766164.0	0.017205	Y
5	ICIS 860-98266/6	1250.0	23.958823	50.0	773596.0	0.019167	Y
6	IC 860-98266/7	2500.0	51.770077	50.0	792960.0	0.020708	Y
7	IC 860-98266/8	3750.0	90.649386	50.0	800787.0	0.024173	Y



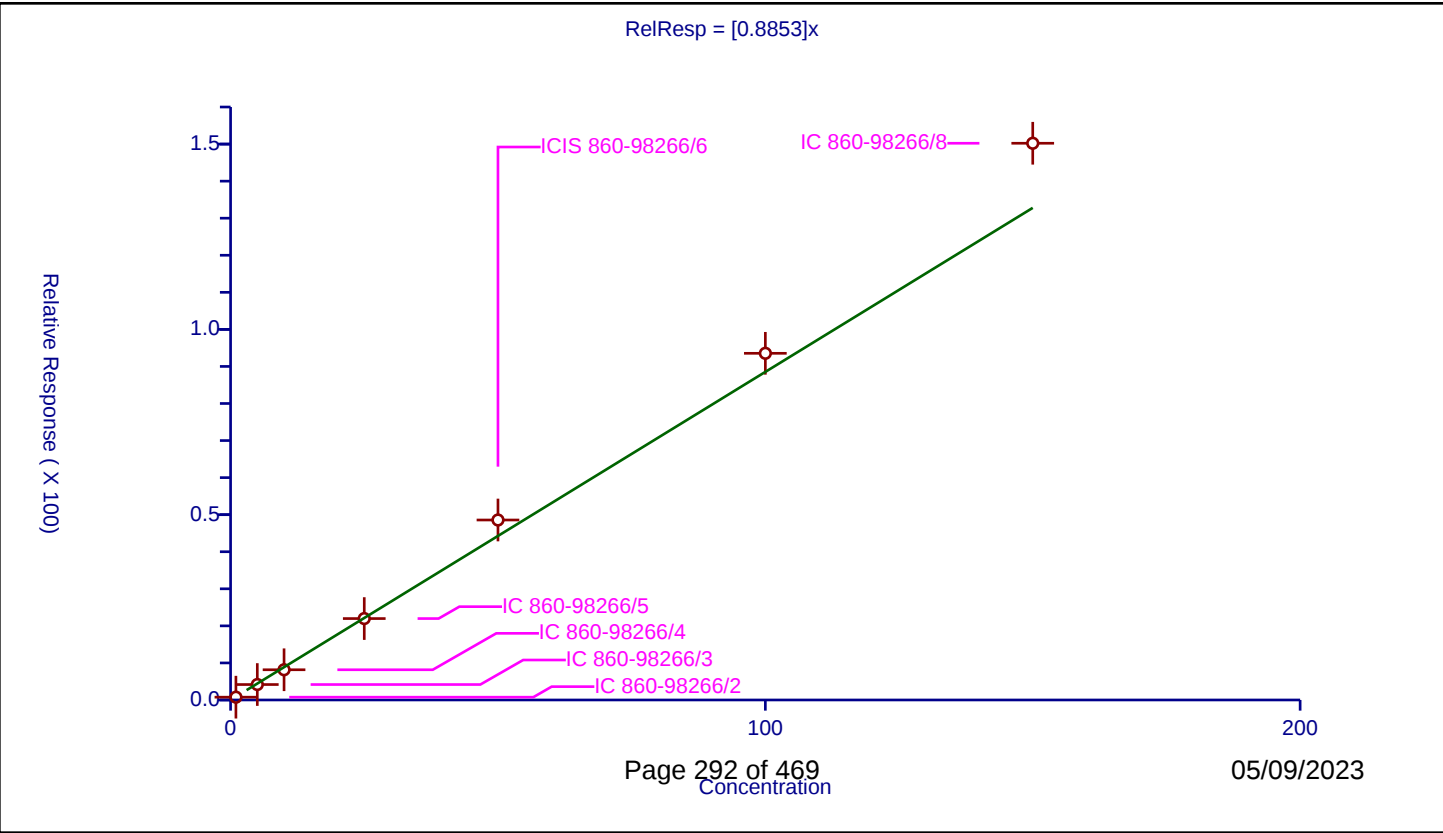
Calibration

/ 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:	0.8853
Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	10.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.760391	50.0	827272.0	0.760391	Y
2	IC 860-98266/3	5.0	4.167062	50.0	800564.0	0.833412	Y
3	IC 860-98266/4	10.0	8.158425	50.0	814238.0	0.815843	Y
4	IC 860-98266/5	25.0	21.973102	50.0	766164.0	0.878924	Y
5	ICIS 860-98266/6	50.0	48.568568	50.0	773596.0	0.971371	Y
6	IC 860-98266/7	100.0	93.544882	50.0	792960.0	0.935449	Y
7	IC 860-98266/8	150.0	150.219035	50.0	800787.0	1.00146	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

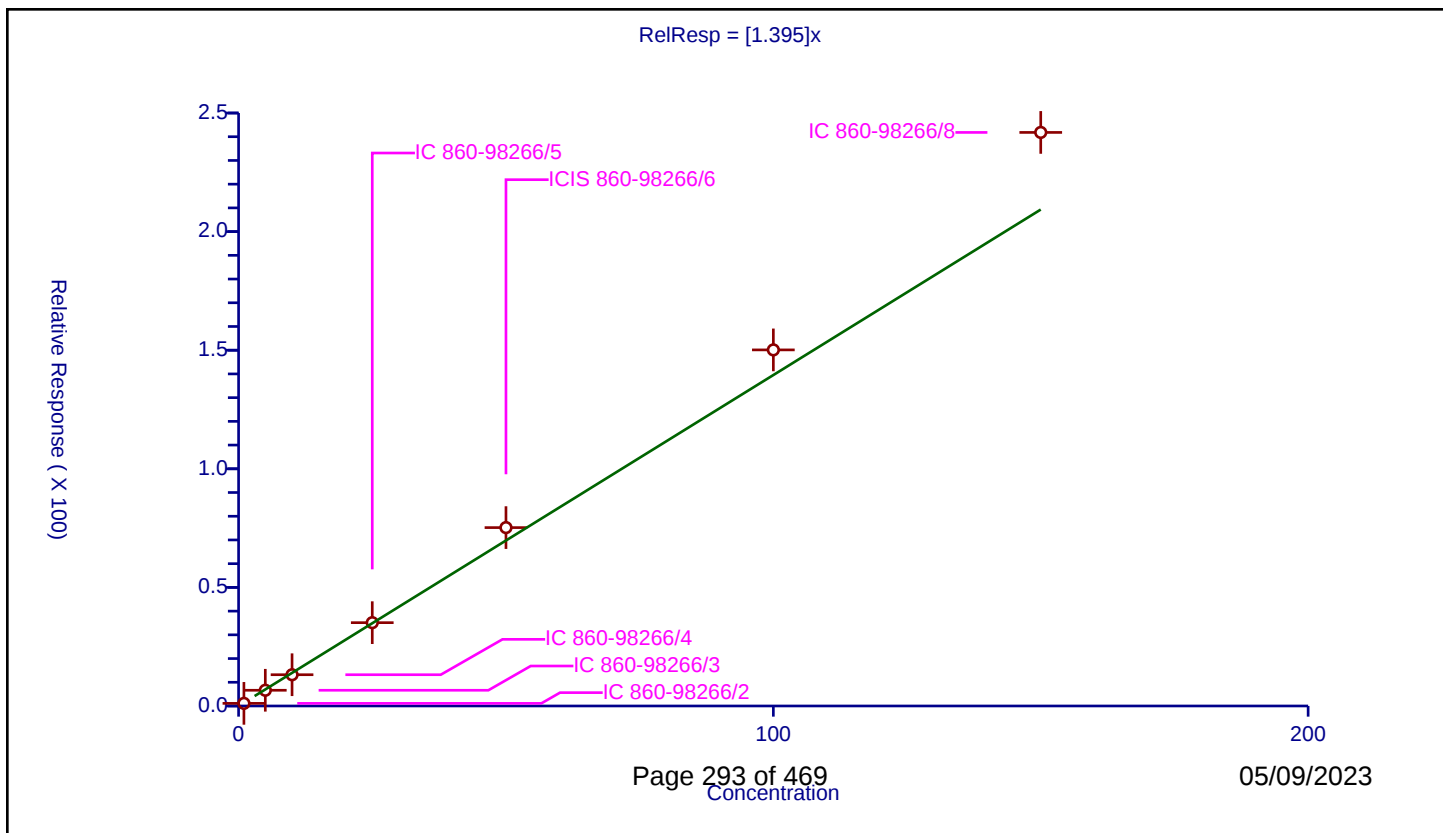
Curve Coefficients

Intercept: 0
Slope: 1.395

Error Coefficients

Standard Error: 1930000
Relative Standard Error: 12.0
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.101875	50.0	827272.0	1.101875	Y
2	IC 860-98266/3	5.0	6.625079	50.0	800564.0	1.325016	Y
3	IC 860-98266/4	10.0	13.176491	50.0	814238.0	1.317649	Y
4	IC 860-98266/5	25.0	35.127336	50.0	766164.0	1.405093	Y
5	ICIS 860-98266/6	50.0	75.206439	50.0	773596.0	1.504129	Y
6	IC 860-98266/7	100.0	150.130397	50.0	792960.0	1.501304	Y
7	IC 860-98266/8	150.0	241.819548	50.0	800787.0	1.61213	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

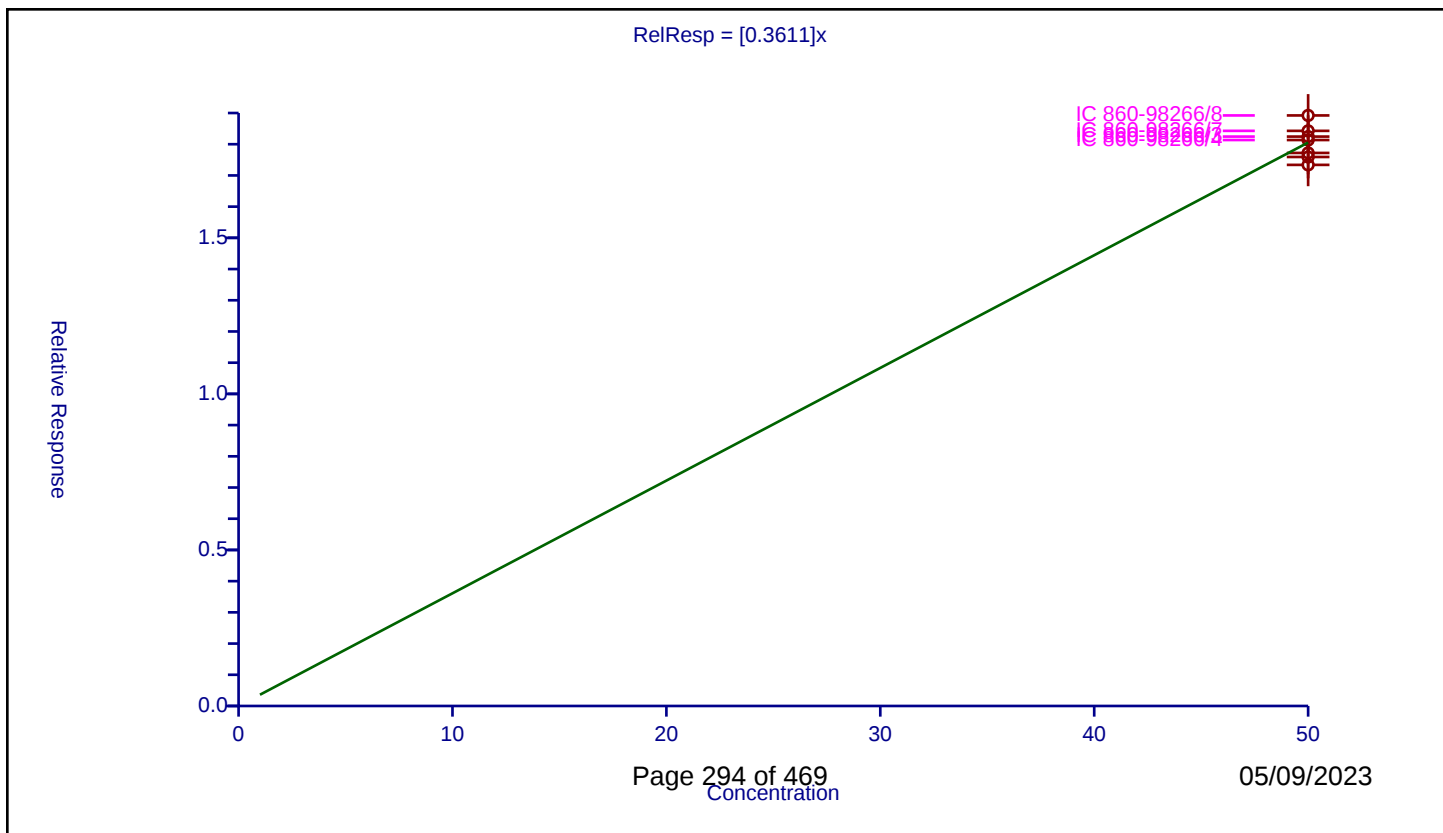
Curve Coefficients

Intercept: 0
Slope: 0.3611

Error Coefficients

Standard Error: 311000
Relative Standard Error: 3.0
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	50.0	17.590768	50.0	827272.0	0.351815	Y
2	IC 860-98266/3	50.0	18.2447	50.0	800564.0	0.364894	Y
3	IC 860-98266/4	50.0	18.134194	50.0	814238.0	0.362684	Y
4	IC 860-98266/5	50.0	17.721206	50.0	766164.0	0.354424	Y
5	ICIS 860-98266/6	50.0	17.33799	50.0	773596.0	0.34676	Y
6	IC 860-98266/7	50.0	18.428105	50.0	792960.0	0.368562	Y
7	IC 860-98266/8	50.0	18.922135	50.0	800787.0	0.378443	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

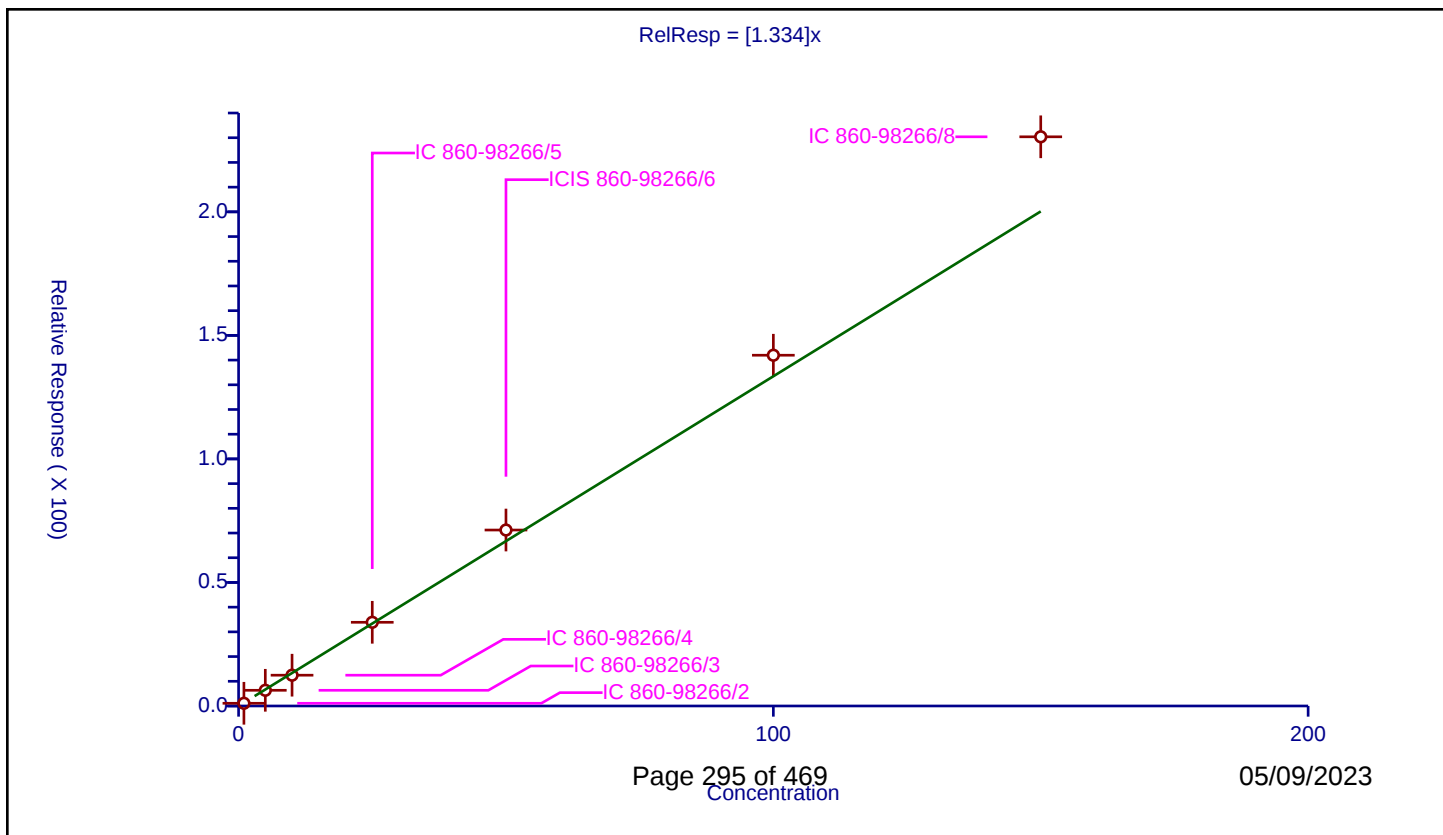
Curve Coefficients

Intercept: 0
Slope: 1.334

Error Coefficients

Standard Error: 1840000
Relative Standard Error: 10.9
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.09021	50.0	827272.0	1.09021	Y
2	IC 860-98266/3	5.0	6.348587	50.0	800564.0	1.269717	Y
3	IC 860-98266/4	10.0	12.464599	50.0	814238.0	1.24646	Y
4	IC 860-98266/5	25.0	33.874144	50.0	766164.0	1.354966	Y
5	ICIS 860-98266/6	50.0	71.217599	50.0	773596.0	1.424352	Y
6	IC 860-98266/7	100.0	141.971348	50.0	792960.0	1.419713	Y
7	IC 860-98266/8	150.0	230.374057	50.0	800787.0	1.535827	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

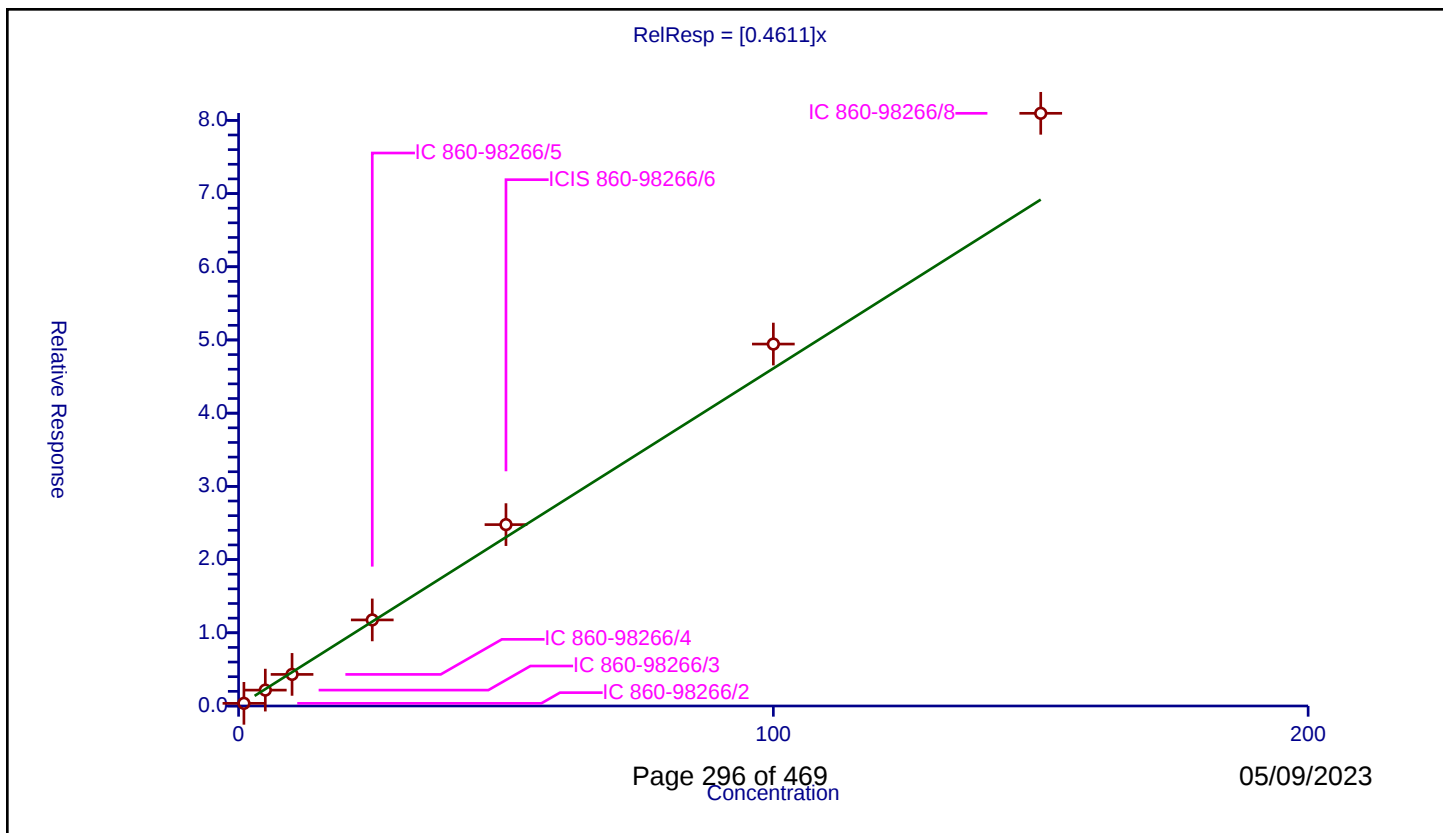
Curve Coefficients

Intercept: 0
Slope: 0.4611

Error Coefficients

Standard Error: 643000
Relative Standard Error: 12.5
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.362819	50.0	827272.0	0.362819	Y
2	IC 860-98266/3	5.0	2.168971	50.0	800564.0	0.433794	Y
3	IC 860-98266/4	10.0	4.314463	50.0	814238.0	0.431446	Y
4	IC 860-98266/5	25.0	11.756752	50.0	766164.0	0.47027	Y
5	ICIS 860-98266/6	50.0	24.774689	50.0	773596.0	0.495494	Y
6	IC 860-98266/7	100.0	49.440829	50.0	792960.0	0.494408	Y
7	IC 860-98266/8	150.0	80.958982	50.0	800787.0	0.539727	Y



Calibration

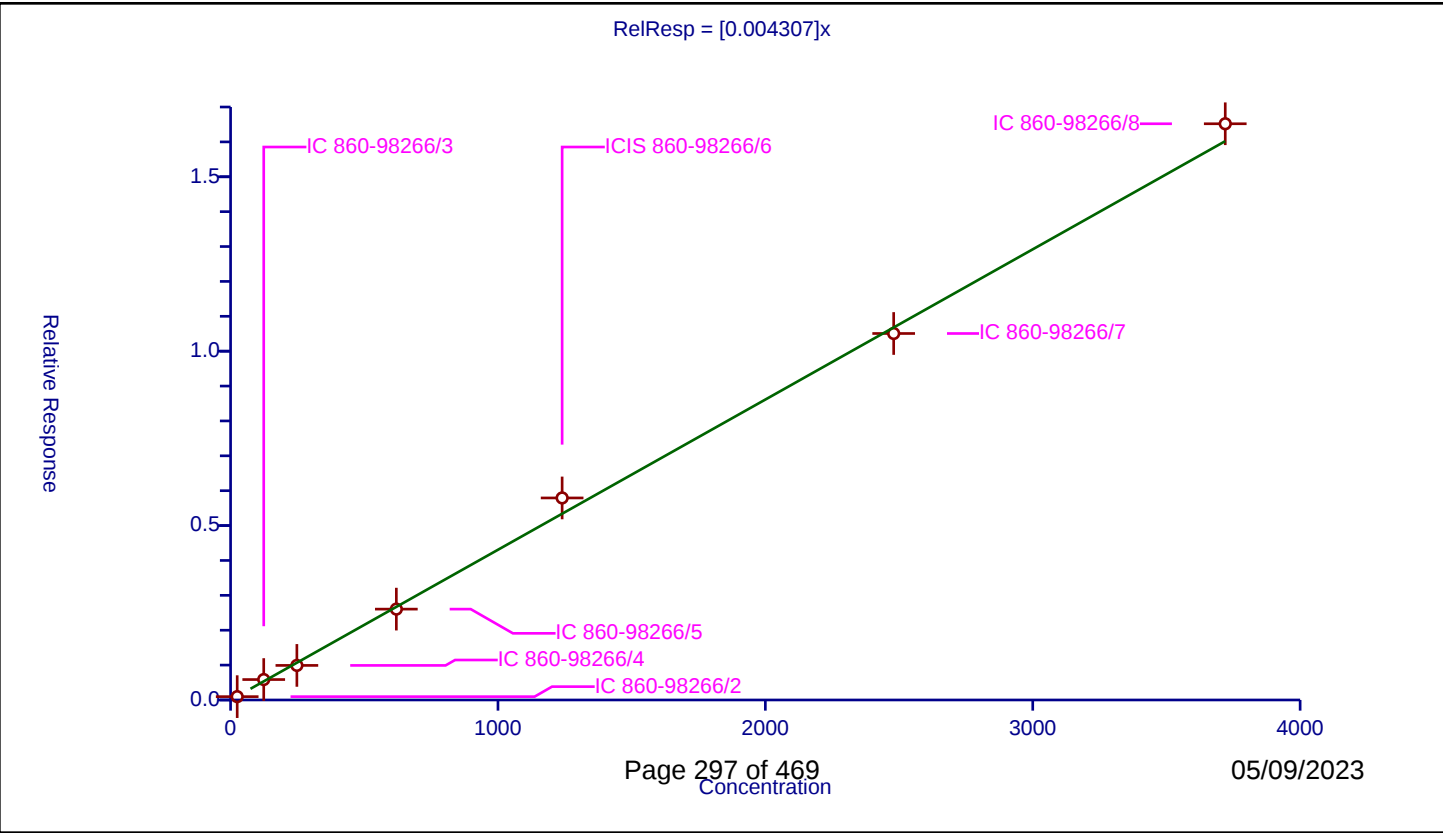
/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.004307

Error Coefficients	
Standard Error:	134000
Relative Standard Error:	7.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	24.8	0.096039	50.0	827272.0	0.003873	Y
2	IC 860-98266/3	124.0	0.586149	50.0	800564.0	0.004727	Y
3	IC 860-98266/4	248.0	0.990926	50.0	814238.0	0.003996	Y
4	IC 860-98266/5	620.0	2.605317	50.0	766164.0	0.004202	Y
5	ICIS 860-98266/6	1240.0	5.792364	50.0	773596.0	0.004671	Y
6	IC 860-98266/7	2480.0	10.506709	50.0	792960.0	0.004237	Y
7	IC 860-98266/8	3720.0	16.520186	50.0	800787.0	0.004441	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

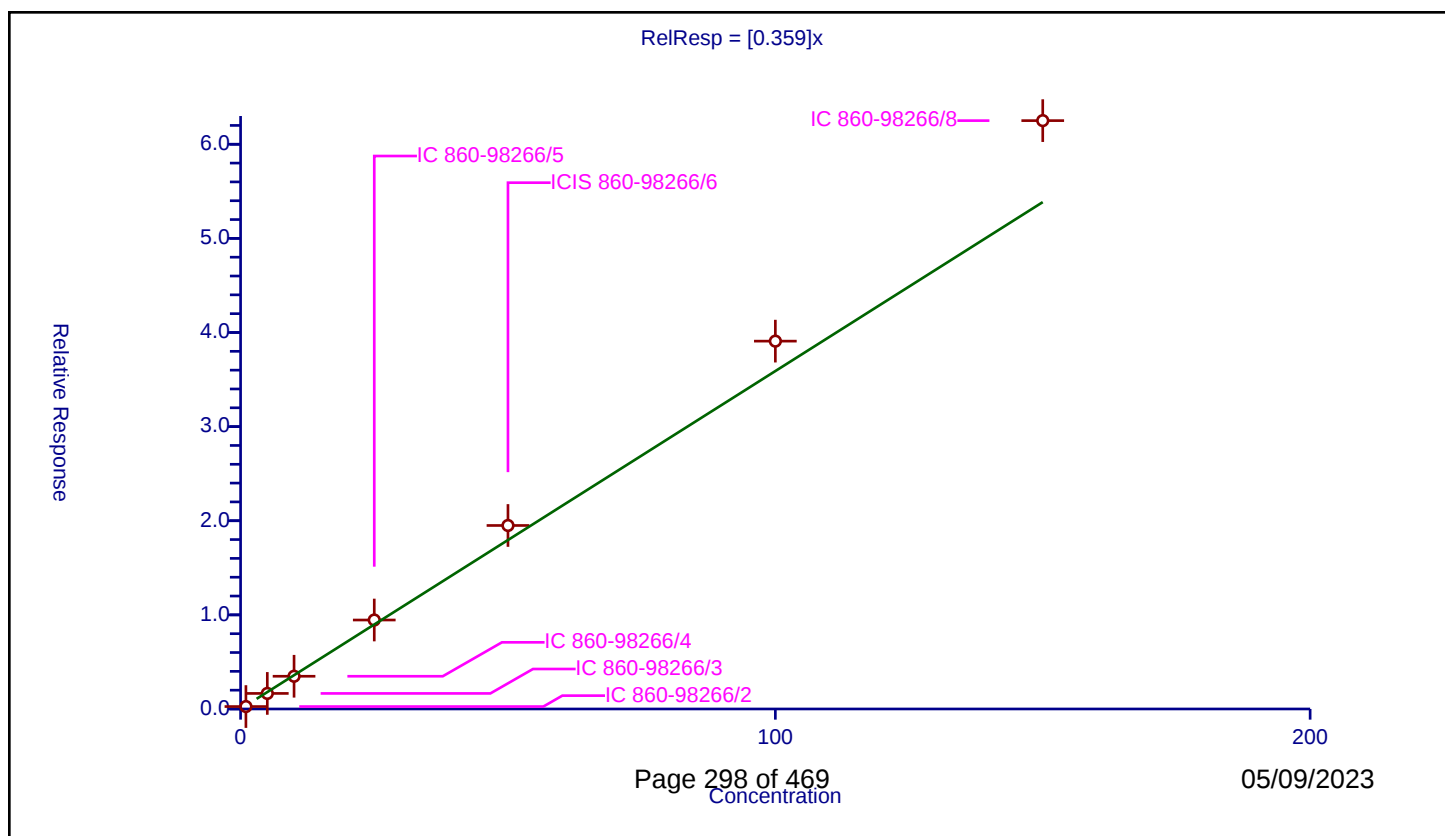
Curve Coefficients

Intercept: 0
Slope: 0.359

Error Coefficients

Standard Error: 500000
Relative Standard Error: 14.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.259226	50.0	827272.0	0.259226	Y
2	IC 860-98266/3	5.0	1.652897	50.0	800564.0	0.330579	Y
3	IC 860-98266/4	10.0	3.476625	50.0	814238.0	0.347662	Y
4	IC 860-98266/5	25.0	9.454177	50.0	766164.0	0.378167	Y
5	ICIS 860-98266/6	50.0	19.4959	50.0	773596.0	0.389918	Y
6	IC 860-98266/7	100.0	39.081795	50.0	792960.0	0.390818	Y
7	IC 860-98266/8	150.0	62.510755	50.0	800787.0	0.416738	Y



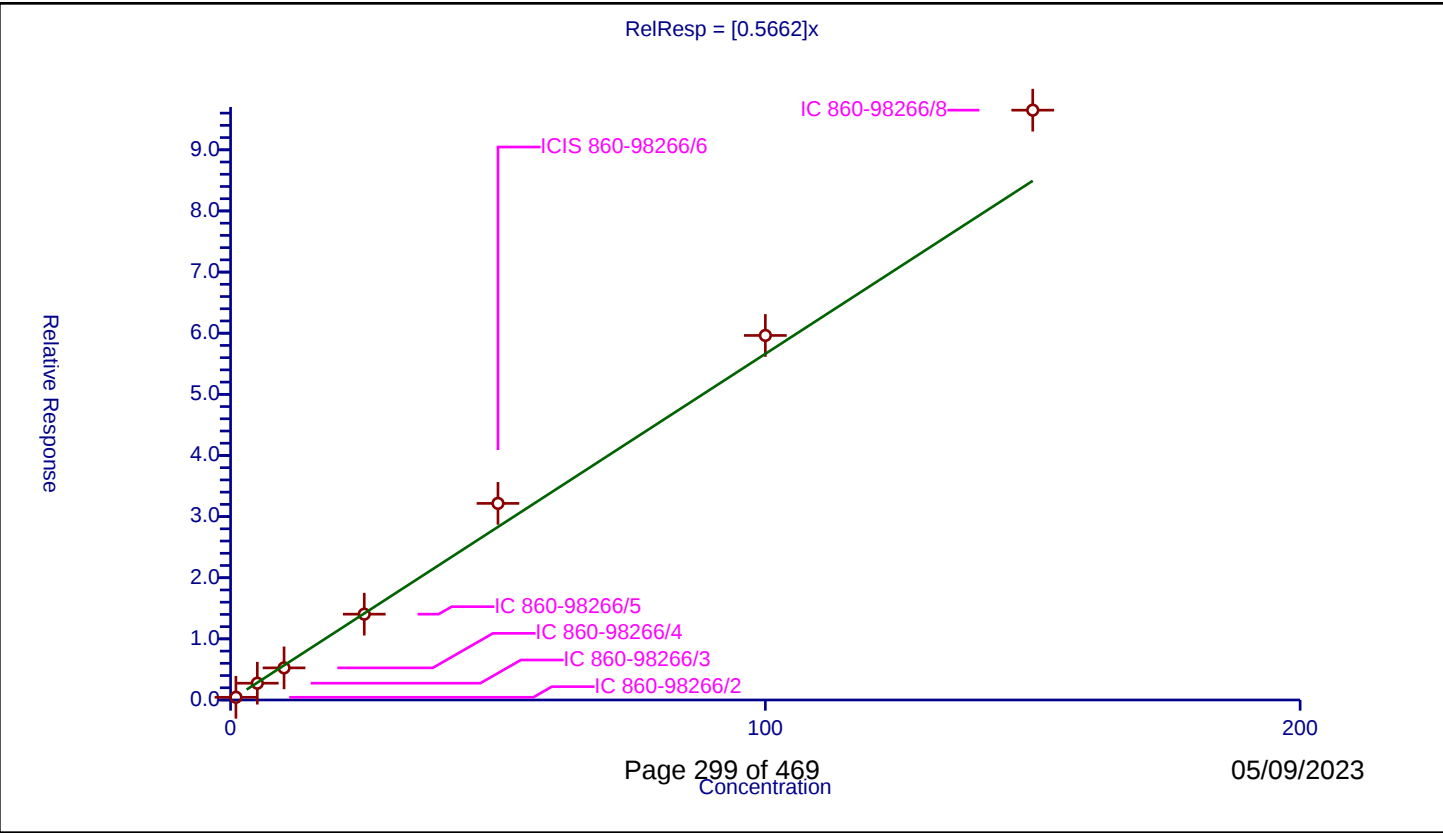
Calibration

/ 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:	0.5662
Error Coefficients	
Standard Error:	773000
Relative Standard Error:	12.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.444594	50.0	827272.0	0.444594	Y
2	IC 860-98266/3	5.0	2.745002	50.0	800564.0	0.549	Y
3	IC 860-98266/4	10.0	5.255896	50.0	814238.0	0.52559	Y
4	IC 860-98266/5	25.0	14.039422	50.0	766164.0	0.561577	Y
5	ICIS 860-98266/6	50.0	32.16052	50.0	773596.0	0.64321	Y
6	IC 860-98266/7	100.0	59.635543	50.0	792960.0	0.596355	Y
7	IC 860-98266/8	150.0	96.486394	50.0	800787.0	0.643243	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

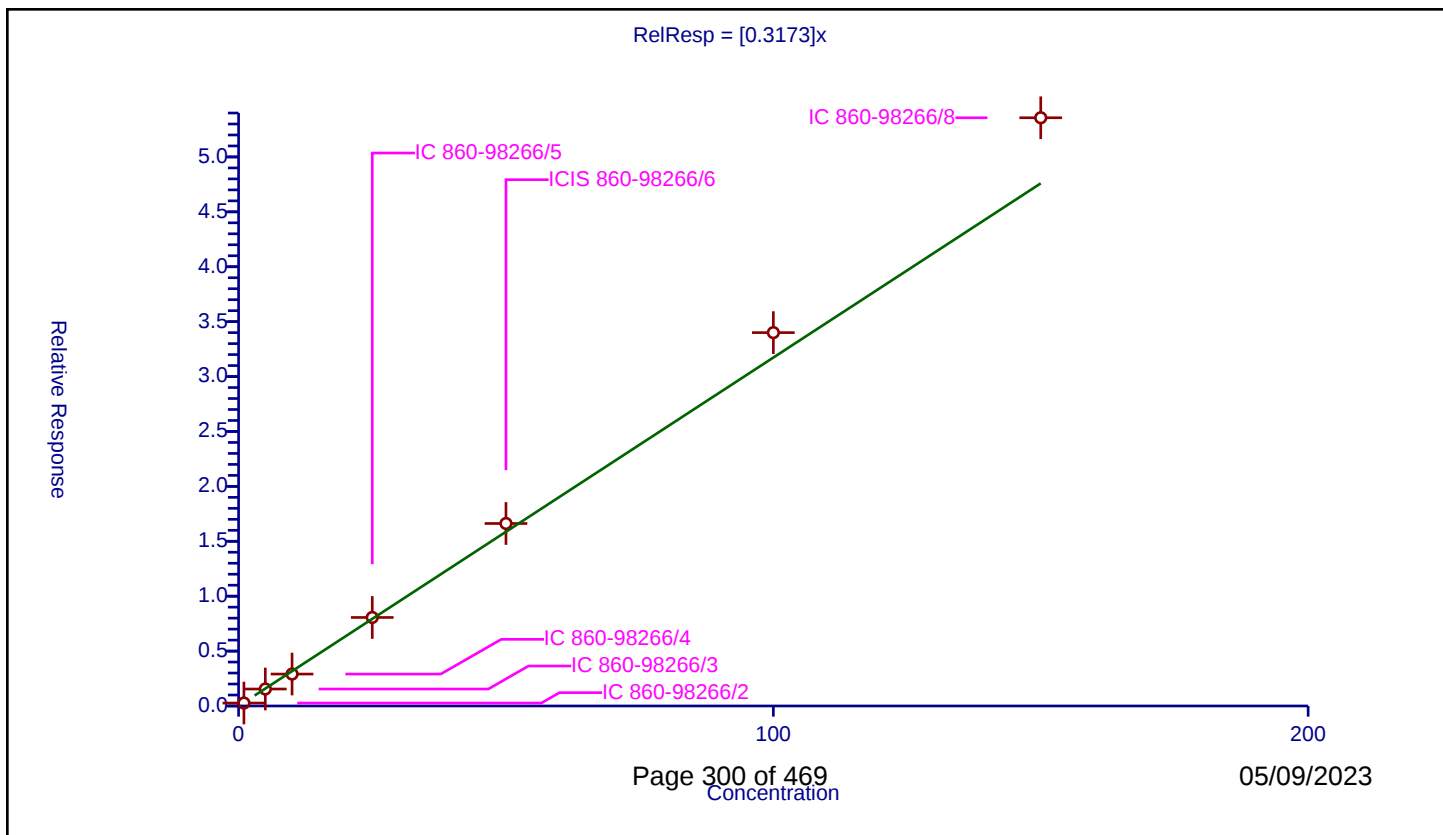
Curve Coefficients

Intercept: 0
Slope: 0.3173

Error Coefficients

Standard Error: 430000
Relative Standard Error: 9.5
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.268956	50.0	827272.0	0.268956	Y
2	IC 860-98266/3	5.0	1.54641	50.0	800564.0	0.309282	Y
3	IC 860-98266/4	10.0	2.908609	50.0	814238.0	0.290861	Y
4	IC 860-98266/5	25.0	8.06172	50.0	766164.0	0.322469	Y
5	ICIS 860-98266/6	50.0	16.617912	50.0	773596.0	0.332358	Y
6	IC 860-98266/7	100.0	34.000895	50.0	792960.0	0.340009	Y
7	IC 860-98266/8	150.0	53.568802	50.0	800787.0	0.357125	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

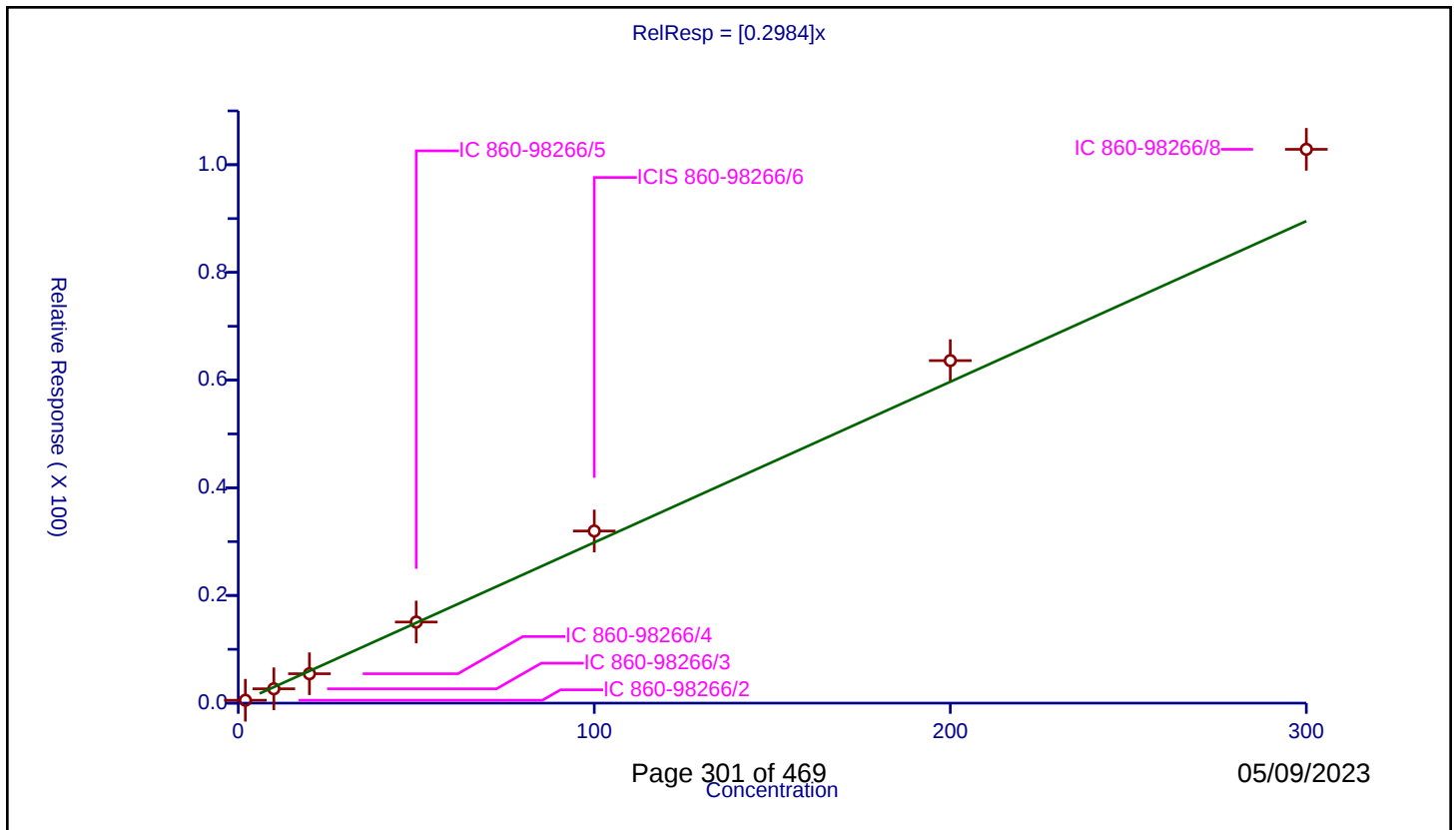
Curve Coefficients

Intercept: 0
Slope: 0.2984

Error Coefficients

Standard Error: 820000
Relative Standard Error: 10.1
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	2.0	0.535797	50.0	827272.0	0.267899	Y
2	IC 860-98266/3	10.0	2.663497	50.0	800564.0	0.26635	Y
3	IC 860-98266/4	20.0	5.456451	50.0	814238.0	0.272823	Y
4	IC 860-98266/5	50.0	15.062571	50.0	766164.0	0.301251	Y
5	ICIS 860-98266/6	100.0	31.970111	50.0	773596.0	0.319701	Y
6	IC 860-98266/7	200.0	63.618594	50.0	792960.0	0.318093	Y
7	IC 860-98266/8	300.0	102.859812	50.0	800787.0	0.342866	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

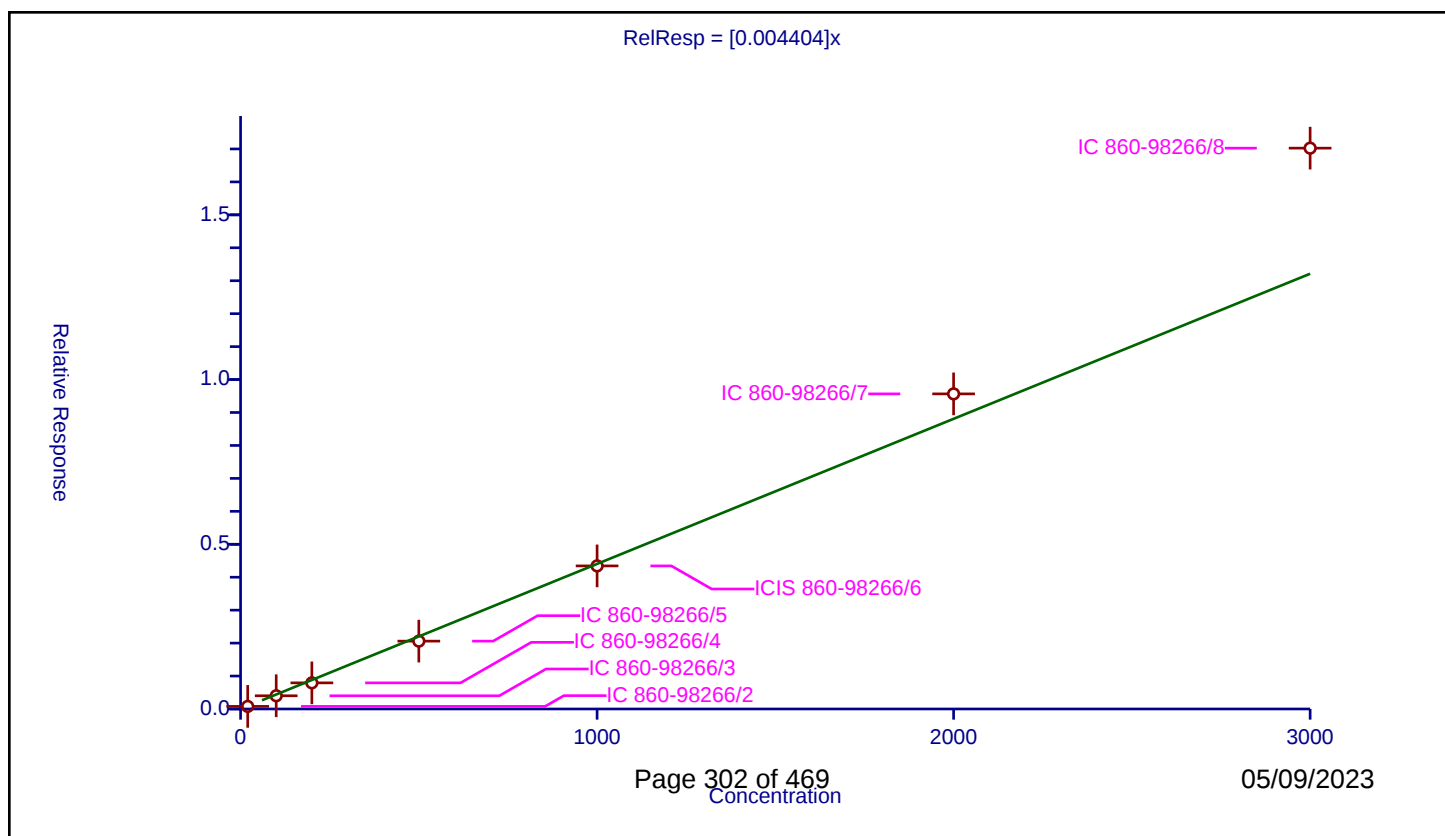
Curve Coefficients

Intercept: 0
Slope: 0.004404

Error Coefficients

Standard Error: 131000
Relative Standard Error: 14.4
Correlation Coefficient: 0.986
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	20.0	0.078632	50.0	827272.0	0.003932	Y
2	IC 860-98266/3	100.0	0.400842	50.0	800564.0	0.004008	Y
3	IC 860-98266/4	200.0	0.793257	50.0	814238.0	0.003966	Y
4	IC 860-98266/5	500.0	2.060068	50.0	766164.0	0.00412	Y
5	ICIS 860-98266/6	1000.0	4.343611	50.0	773596.0	0.004344	Y
6	IC 860-98266/7	2000.0	9.565426	50.0	792960.0	0.004783	Y
7	IC 860-98266/8	3000.0	17.024377	50.0	800787.0	0.005675	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

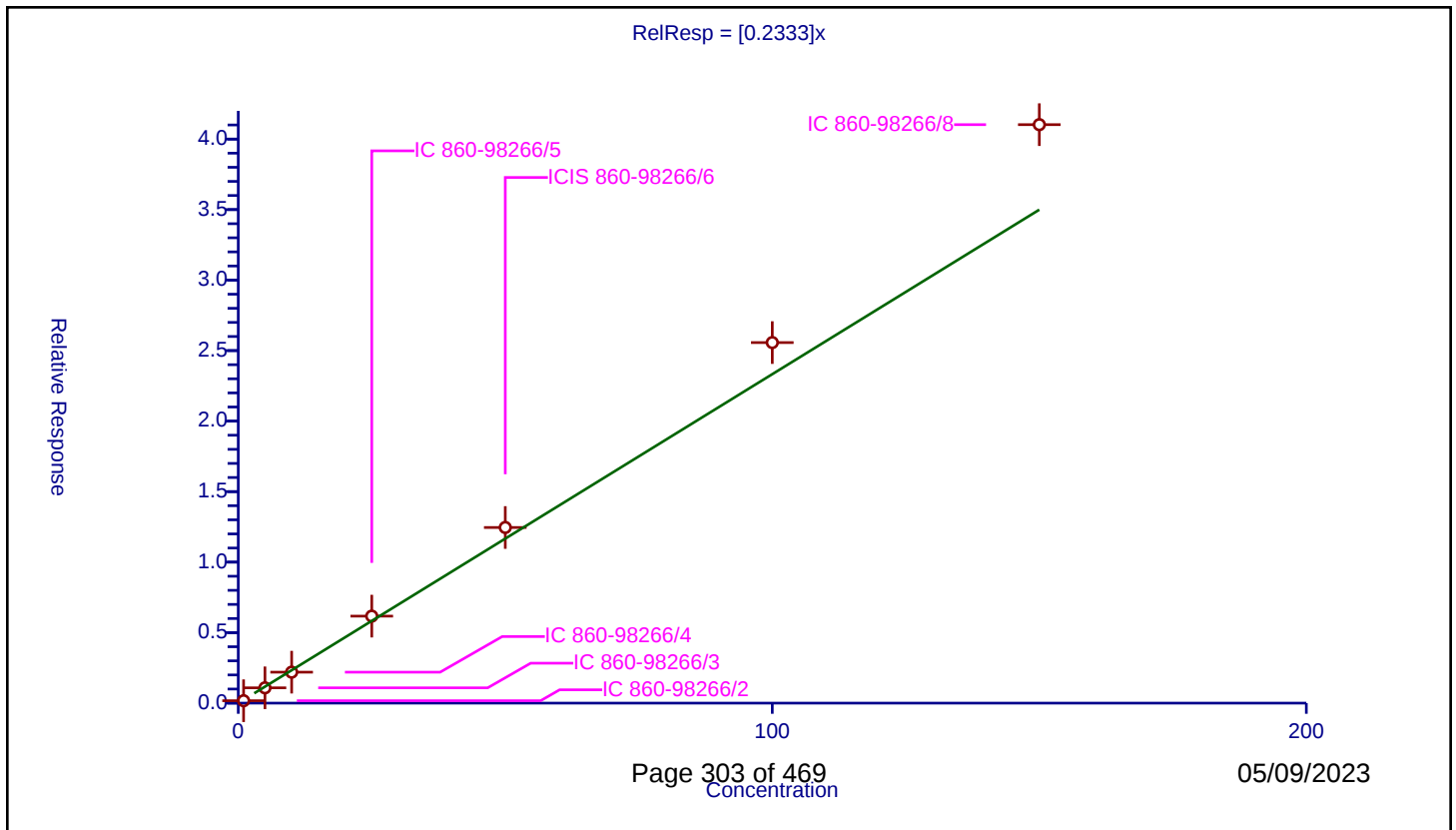
Curve Coefficients

Intercept: 0
Slope: 0.2333

Error Coefficients

Standard Error: 328000
Relative Standard Error: 14.5
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.171286	50.0	827272.0	0.171286	Y
2	IC 860-98266/3	5.0	1.084923	50.0	800564.0	0.216985	Y
3	IC 860-98266/4	10.0	2.19598	50.0	814238.0	0.219598	Y
4	IC 860-98266/5	25.0	6.170089	50.0	766164.0	0.246804	Y
5	ICIS 860-98266/6	50.0	12.456437	50.0	773596.0	0.249129	Y
6	IC 860-98266/7	100.0	25.570079	50.0	792960.0	0.255701	Y
7	IC 860-98266/8	150.0	41.024142	50.0	800787.0	0.273494	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

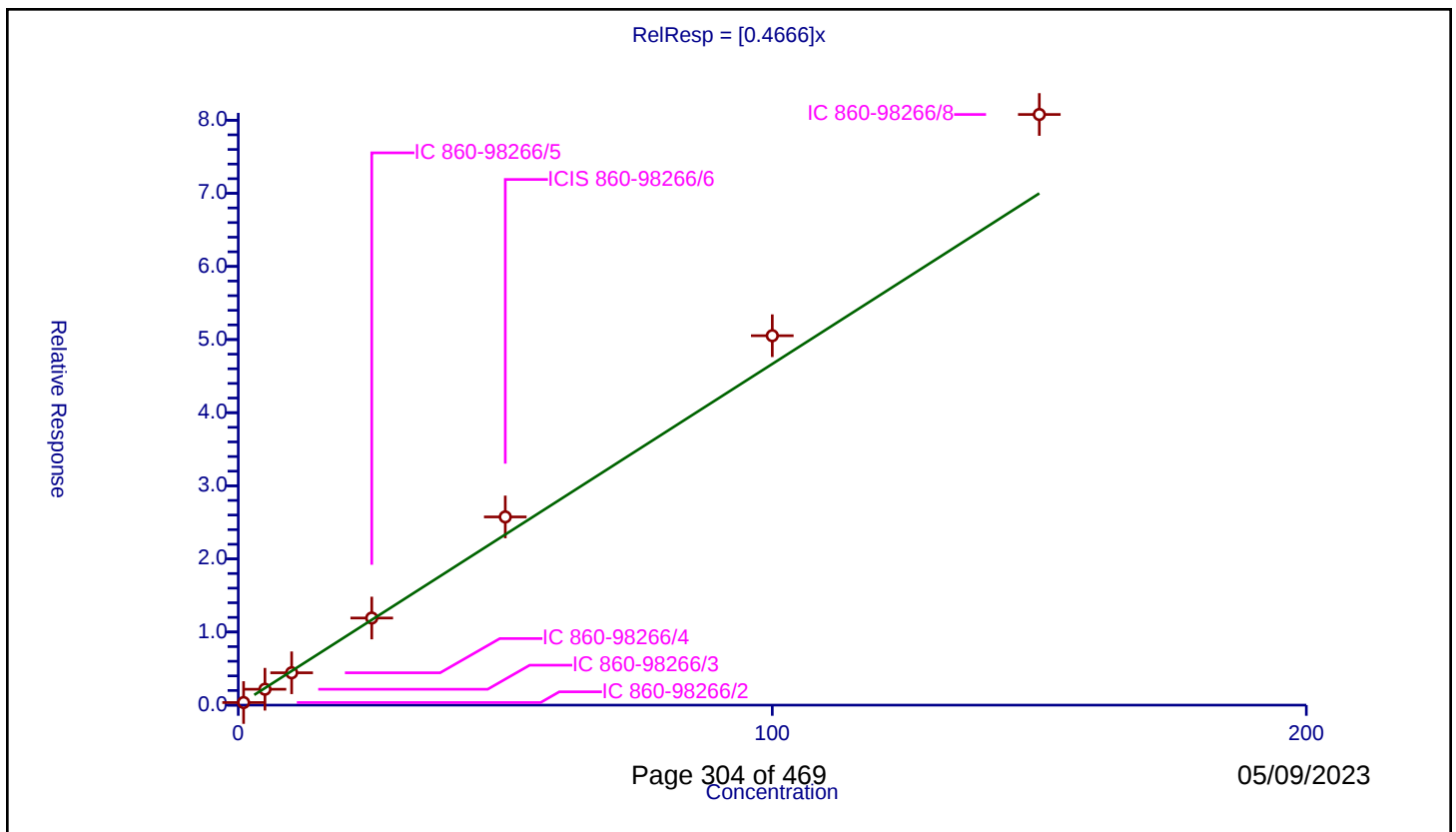
Curve Coefficients

Intercept: 0
Slope: 0.4666

Error Coefficients

Standard Error: 647000
Relative Standard Error: 13.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.354478	50.0	827272.0	0.354478	Y
2	IC 860-98266/3	5.0	2.171719	50.0	800564.0	0.434344	Y
3	IC 860-98266/4	10.0	4.423338	50.0	814238.0	0.442334	Y
4	IC 860-98266/5	25.0	11.913637	50.0	766164.0	0.476545	Y
5	ICIS 860-98266/6	50.0	25.740697	50.0	773596.0	0.514814	Y
6	IC 860-98266/7	100.0	50.527013	50.0	792960.0	0.50527	Y
7	IC 860-98266/8	150.0	80.781406	50.0	800787.0	0.538543	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

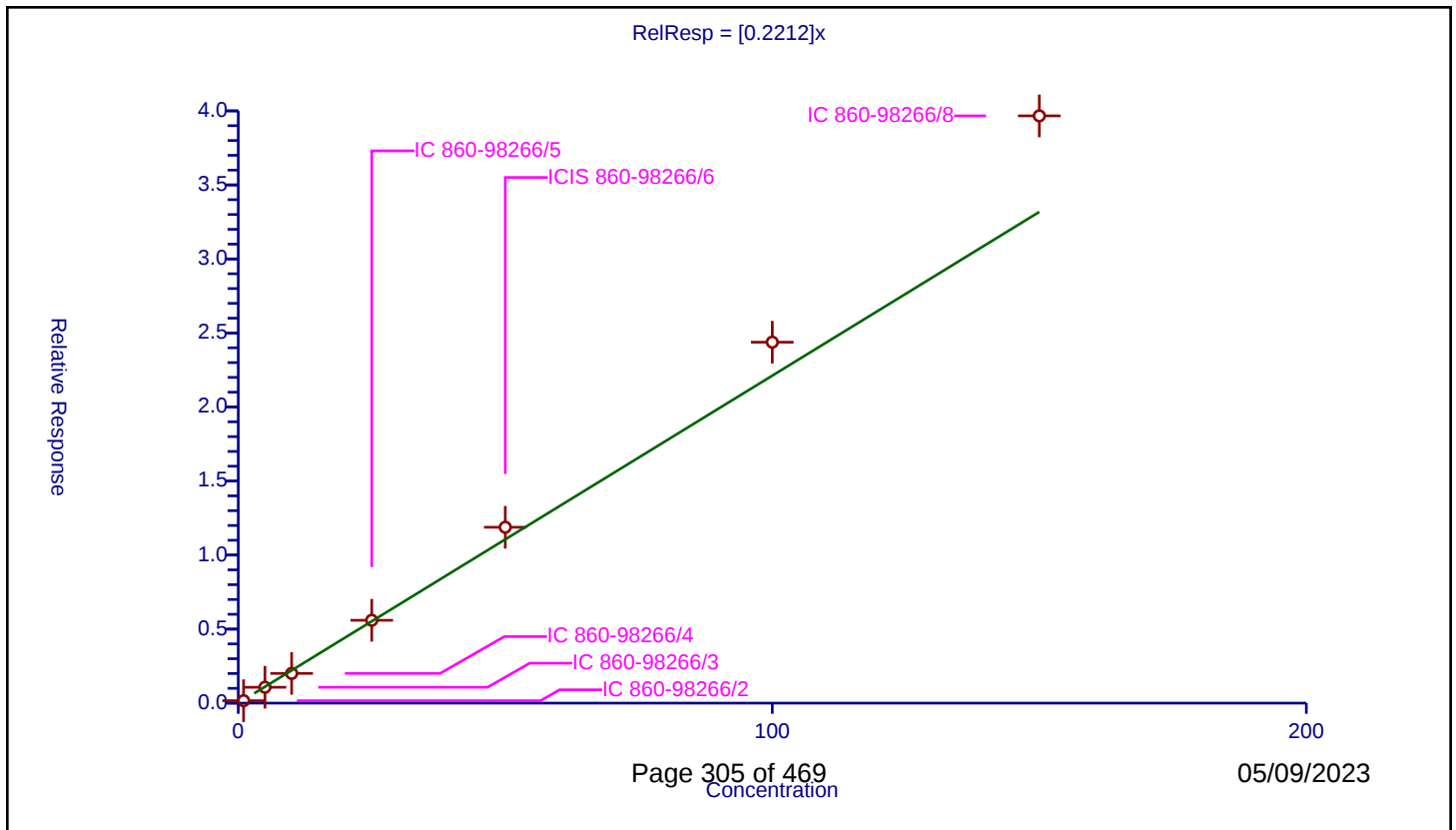
Curve Coefficients

Intercept: 0
Slope: 0.2212

Error Coefficients

Standard Error: 315000
Relative Standard Error: 14.8
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.163852	50.0	827272.0	0.163852	Y
2	IC 860-98266/3	5.0	1.070745	50.0	800564.0	0.214149	Y
3	IC 860-98266/4	10.0	2.0066	50.0	814238.0	0.20066	Y
4	IC 860-98266/5	25.0	5.595995	50.0	766164.0	0.22384	Y
5	ICIS 860-98266/6	50.0	11.878616	50.0	773596.0	0.237572	Y
6	IC 860-98266/7	100.0	24.377333	50.0	792960.0	0.243773	Y
7	IC 860-98266/8	150.0	39.663106	50.0	800787.0	0.264421	Y



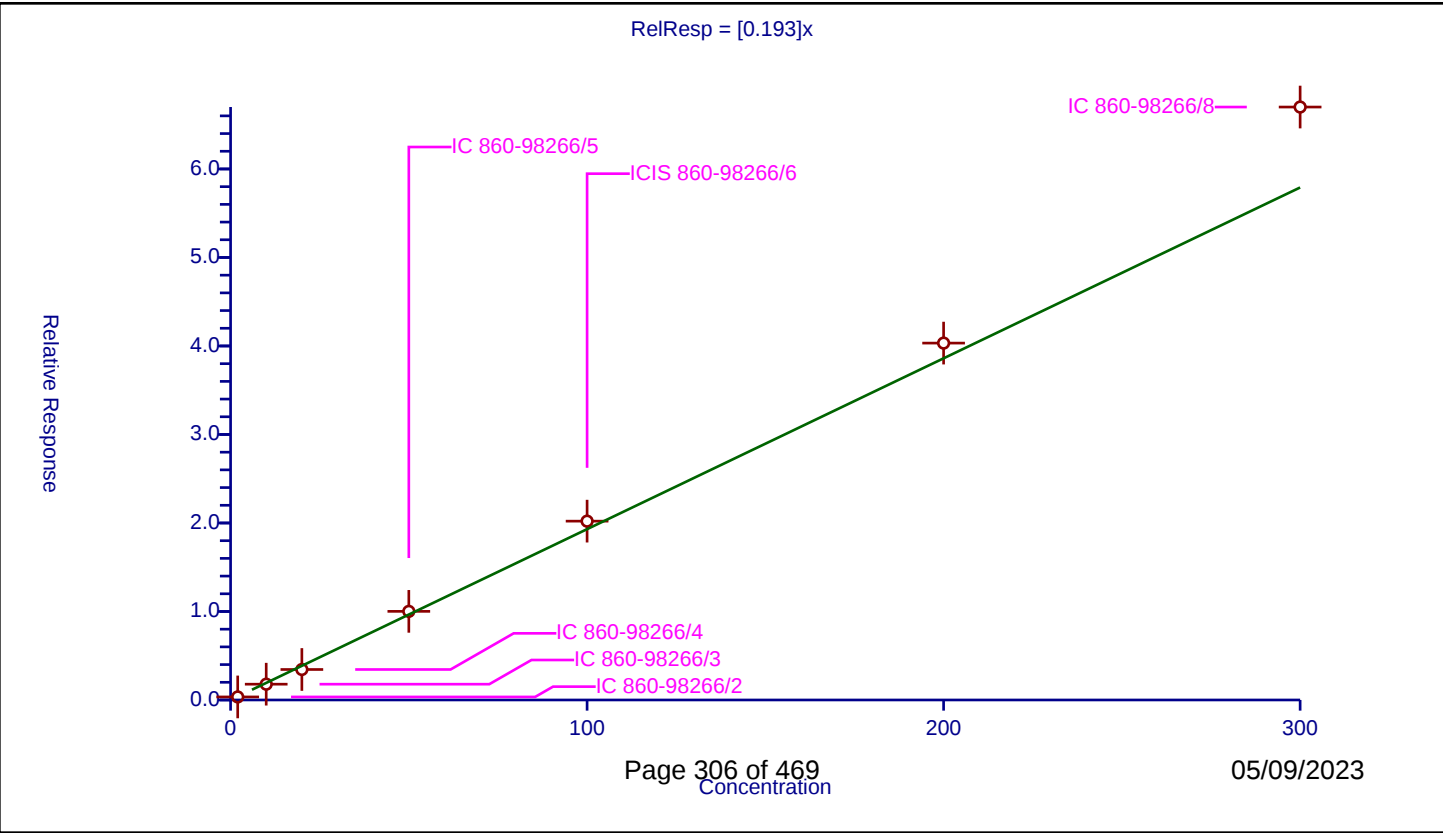
Calibration

/ 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:	0.193
Error Coefficients	
Standard Error:	536000
Relative Standard Error:	9.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	2.0	0.346305	50.0	742554.0	0.173152	Y
2	IC 860-98266/3	10.0	1.784866	50.0	722239.0	0.178487	Y
3	IC 860-98266/4	20.0	3.444724	50.0	742614.0	0.172236	Y
4	IC 860-98266/5	50.0	10.013833	50.0	686051.0	0.200277	Y
5	ICIS 860-98266/6	100.0	20.207332	50.0	741758.0	0.202073	Y
6	IC 860-98266/7	200.0	40.326372	50.0	796423.0	0.201632	Y
7	IC 860-98266/8	300.0	66.99768	50.0	817138.0	0.223326	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

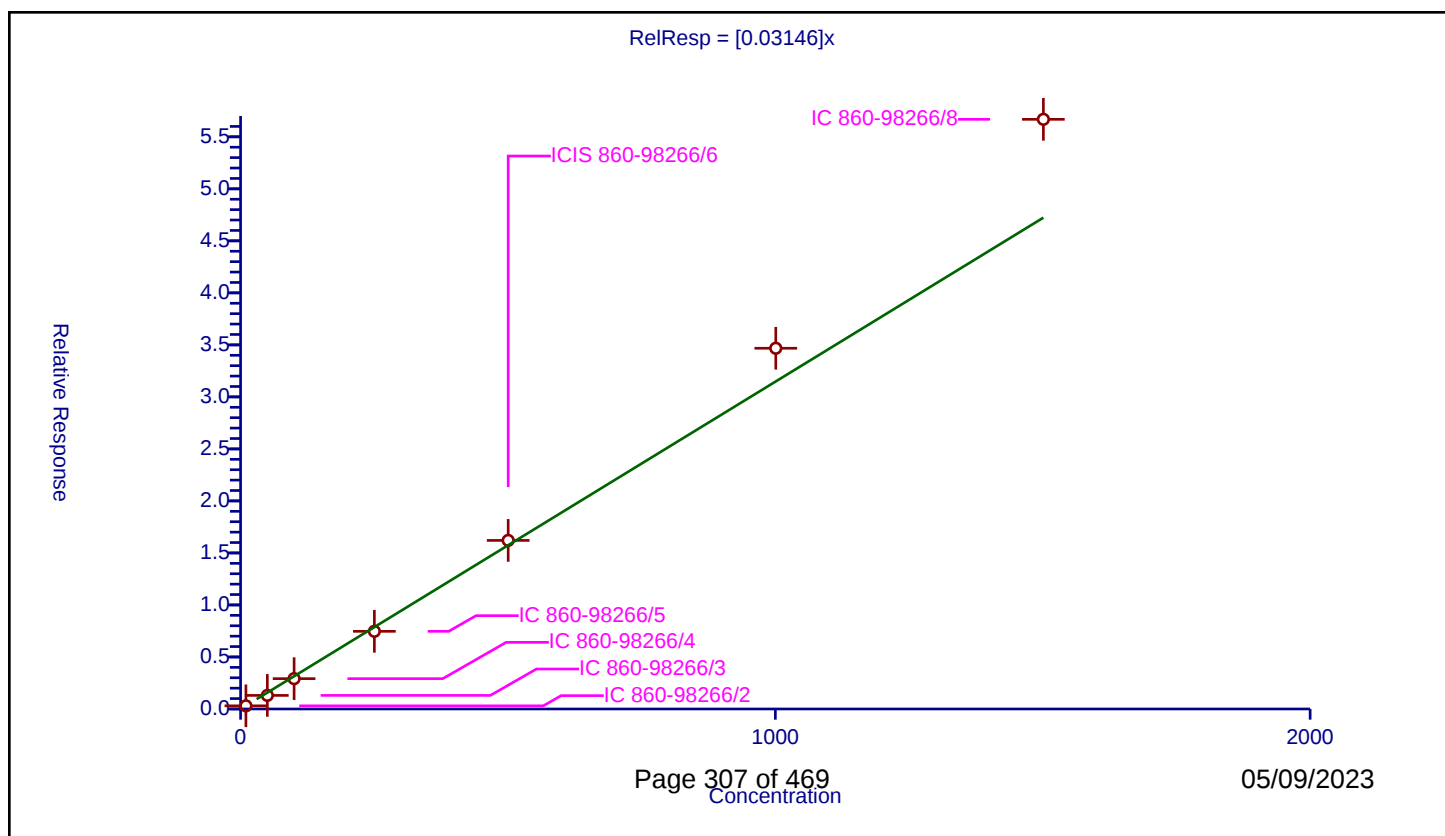
Curve Coefficients

Intercept: 0
Slope: 0.03146

Error Coefficients

Standard Error: 448000
Relative Standard Error: 12.2
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	10.00818	0.303951	50.0	827272.0	0.03037	Y
2	IC 860-98266/3	50.0409	1.30533	50.0	800564.0	0.026085	Y
3	IC 860-98266/4	100.0818	2.916224	50.0	814238.0	0.029138	Y
4	IC 860-98266/5	250.2045	7.466091	50.0	766164.0	0.02984	Y
5	ICIS 860-98266/6	500.409	16.204647	50.0	773596.0	0.032383	Y
6	IC 860-98266/7	1000.818	34.675457	50.0	792960.0	0.034647	Y
7	IC 860-98266/8	1501.227	56.681677	50.0	800787.0	0.037757	Y



Calibration

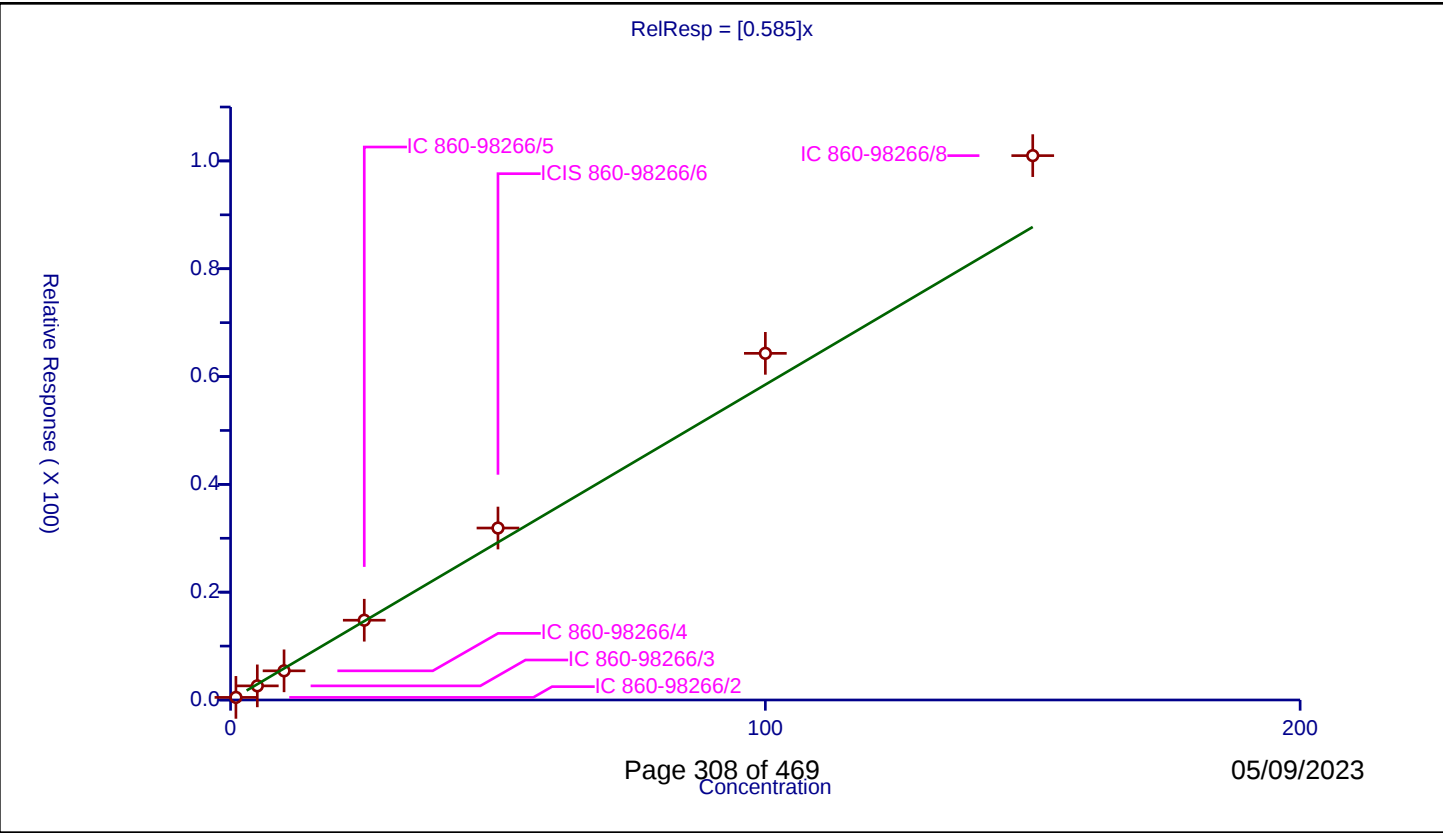
/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.585

Error Coefficients	
Standard Error:	812000
Relative Standard Error:	12.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.483336	50.0	827272.0	0.483336	Y
2	IC 860-98266/3	5.0	2.621714	50.0	800564.0	0.524343	Y
3	IC 860-98266/4	10.0	5.410703	50.0	814238.0	0.54107	Y
4	IC 860-98266/5	25.0	14.799442	50.0	766164.0	0.591978	Y
5	ICIS 860-98266/6	50.0	31.898627	50.0	773596.0	0.637973	Y
6	IC 860-98266/7	100.0	64.303748	50.0	792960.0	0.643037	Y
7	IC 860-98266/8	150.0	100.982159	50.0	800787.0	0.673214	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

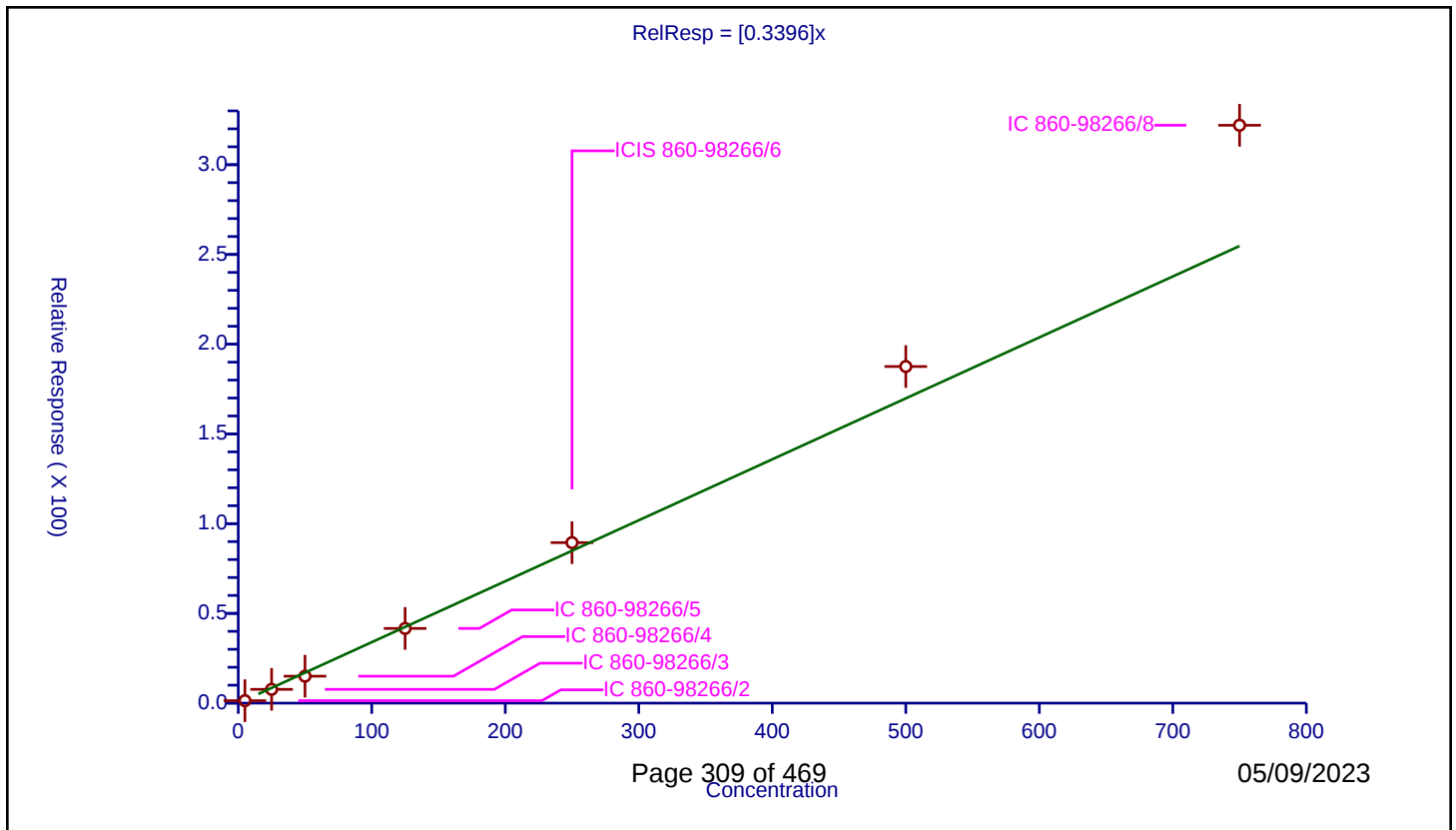
Curve Coefficients

Intercept: 0
Slope: 0.3396

Error Coefficients

Standard Error: 2510000
Relative Standard Error: 15.4
Correlation Coefficient: 0.992
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	5.0	1.373369	50.0	827272.0	0.274674	Y
2	IC 860-98266/3	25.0	7.679711	50.0	800564.0	0.307188	Y
3	IC 860-98266/4	50.0	15.016371	50.0	814238.0	0.300327	Y
4	IC 860-98266/5	125.0	41.622551	50.0	766164.0	0.33298	Y
5	ICIS 860-98266/6	250.0	89.434214	50.0	773596.0	0.357737	Y
6	IC 860-98266/7	500.0	187.554164	50.0	792960.0	0.375108	Y
7	IC 860-98266/8	750.0	321.990991	50.0	800787.0	0.429321	Y



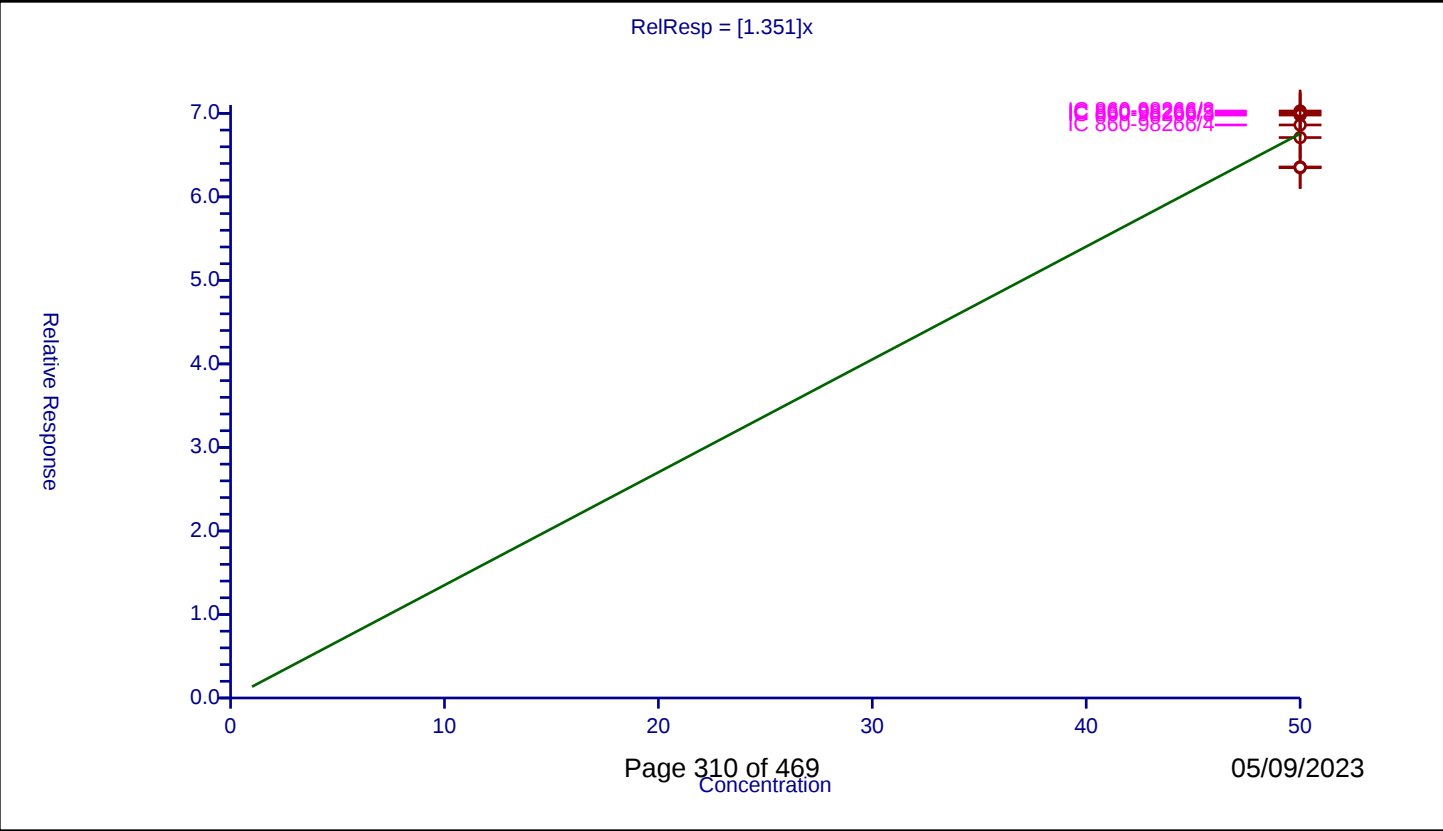
Calibration

/ 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:	1.351
Error Coefficients	
Standard Error:	1090000
Relative Standard Error:	4.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	50.0	70.280209	50.0	742554.0	1.405604	Y
2	IC 860-98266/3	50.0	69.796079	50.0	722239.0	1.395922	Y
3	IC 860-98266/4	50.0	68.610543	50.0	742614.0	1.372211	Y
4	IC 860-98266/5	50.0	70.048801	50.0	686051.0	1.400976	Y
5	ICIS 860-98266/6	50.0	67.105579	50.0	741758.0	1.342112	Y
6	IC 860-98266/7	50.0	63.582606	50.0	796423.0	1.271652	Y
7	IC 860-98266/8	50.0	63.496557	50.0	817138.0	1.269931	Y



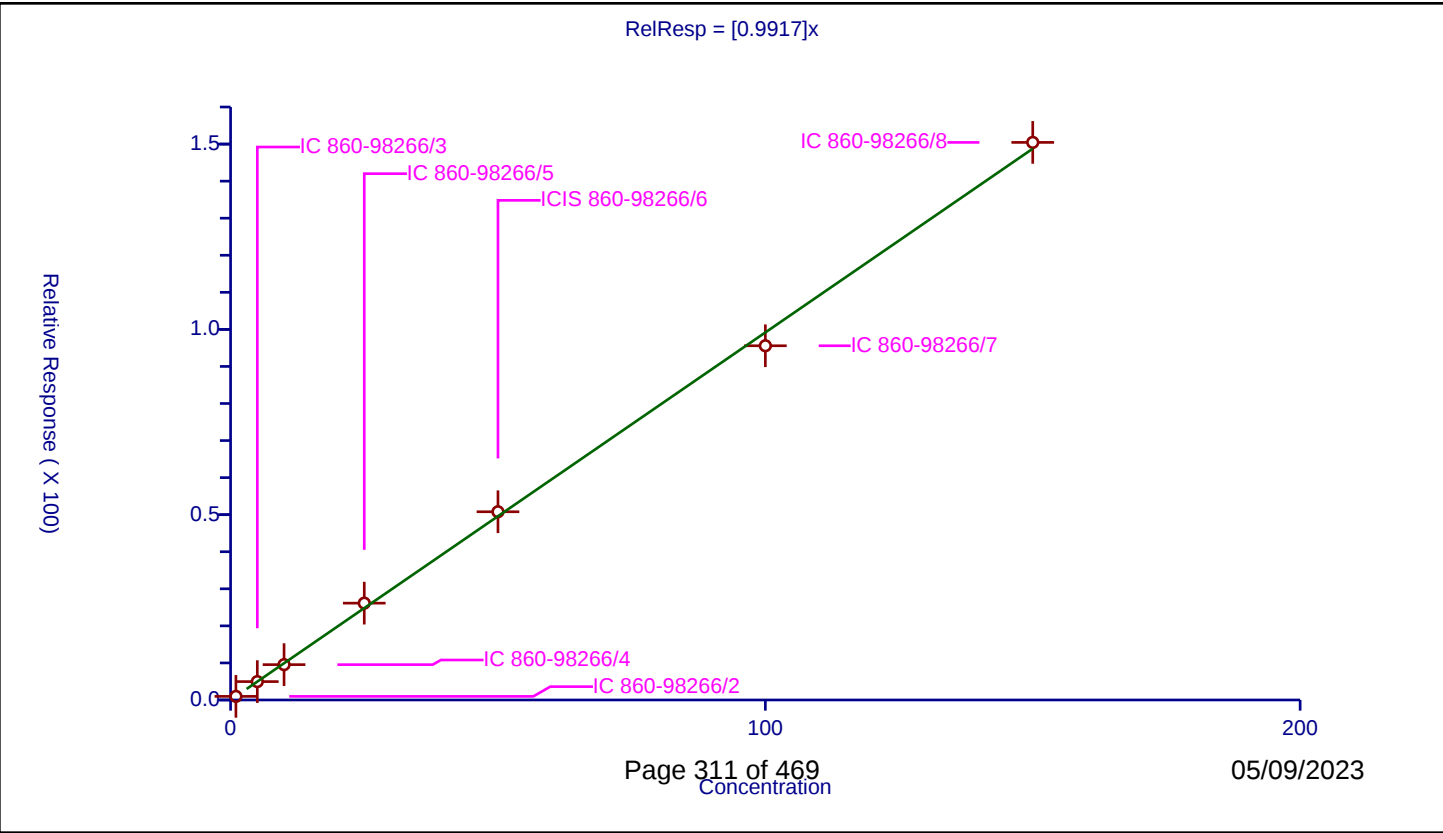
Calibration

/ 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:	0.9917
Error Coefficients	
Standard Error:	1230000
Relative Standard Error:	3.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.976023	50.0	742554.0	0.976023	Y
2	IC 860-98266/3	5.0	4.963315	50.0	722239.0	0.992663	Y
3	IC 860-98266/4	10.0	9.534159	50.0	742614.0	0.953416	Y
4	IC 860-98266/5	25.0	26.133188	50.0	686051.0	1.045328	Y
5	ICIS 860-98266/6	50.0	50.785027	50.0	741758.0	1.015701	Y
6	IC 860-98266/7	100.0	95.577539	50.0	796423.0	0.955775	Y
7	IC 860-98266/8	150.0	150.448333	50.0	817138.0	1.002989	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

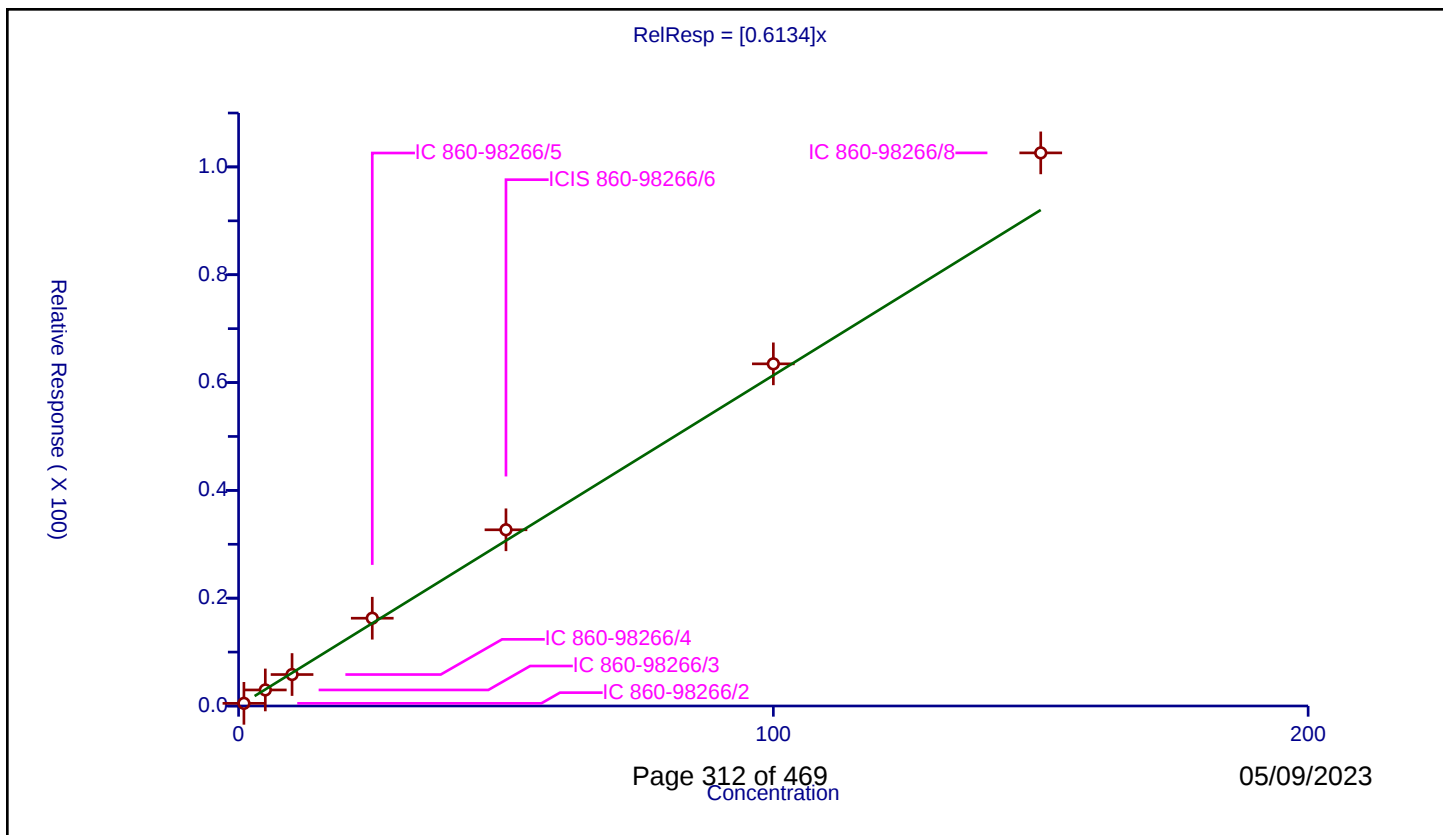
Curve Coefficients

Intercept: 0
Slope: 0.6134

Error Coefficients

Standard Error: 829000
Relative Standard Error: 10.5
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.491075	50.0	742554.0	0.491075	Y
2	IC 860-98266/3	5.0	2.977477	50.0	722239.0	0.595495	Y
3	IC 860-98266/4	10.0	5.83668	50.0	742614.0	0.583668	Y
4	IC 860-98266/5	25.0	16.282244	50.0	686051.0	0.65129	Y
5	ICIS 860-98266/6	50.0	32.687413	50.0	741758.0	0.653748	Y
6	IC 860-98266/7	100.0	63.470417	50.0	796423.0	0.634704	Y
7	IC 860-98266/8	150.0	102.60311	50.0	817138.0	0.684021	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

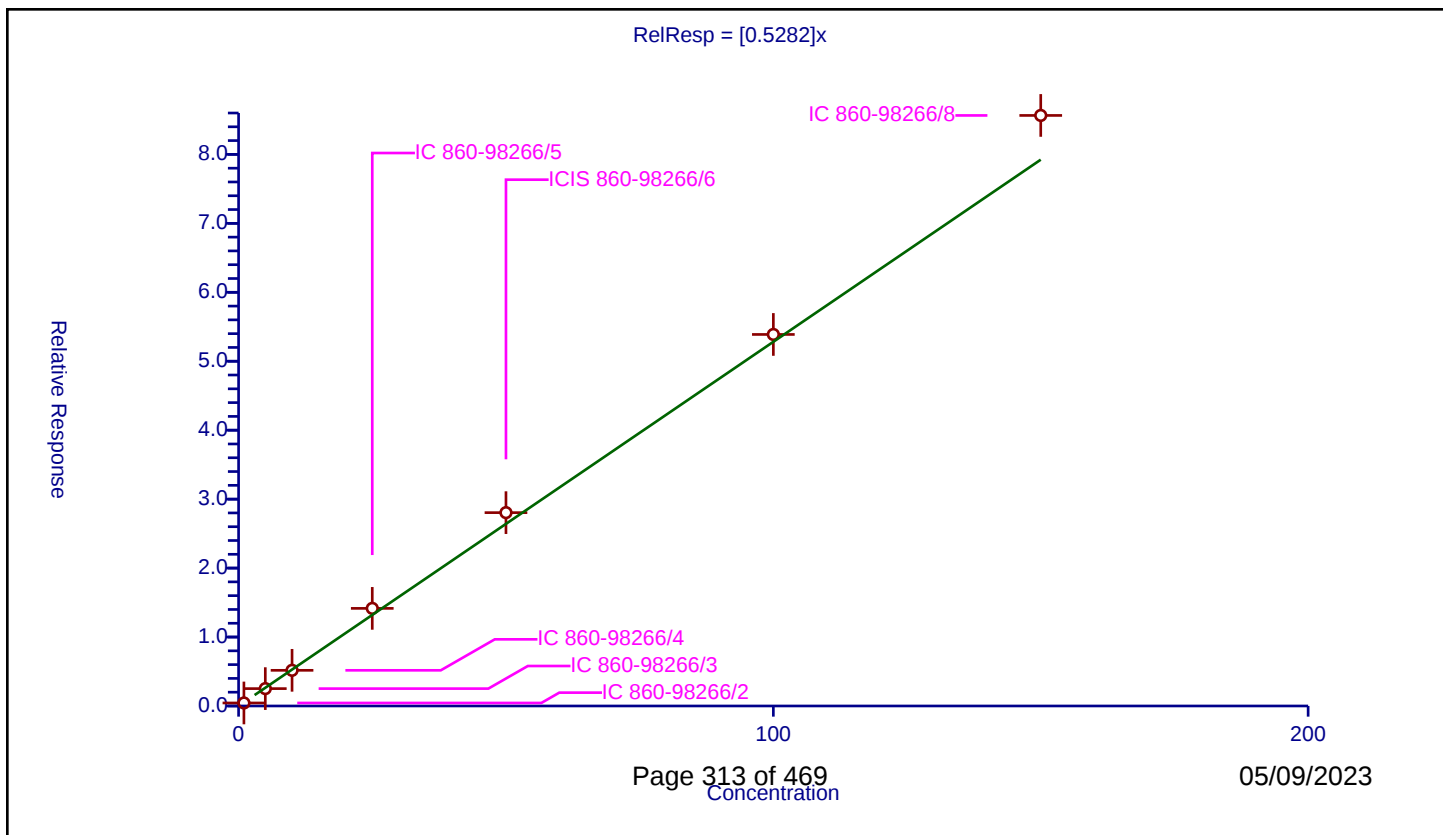
Curve Coefficients

Intercept: 0
Slope: 0.5282

Error Coefficients

Standard Error: 697000
Relative Standard Error: 8.9
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.438891	50.0	742554.0	0.438891	Y
2	IC 860-98266/3	5.0	2.520357	50.0	722239.0	0.504071	Y
3	IC 860-98266/4	10.0	5.174694	50.0	742614.0	0.517469	Y
4	IC 860-98266/5	25.0	14.157694	50.0	686051.0	0.566308	Y
5	ICIS 860-98266/6	50.0	28.042771	50.0	741758.0	0.560855	Y
6	IC 860-98266/7	100.0	53.885624	50.0	796423.0	0.538856	Y
7	IC 860-98266/8	150.0	85.649364	50.0	817138.0	0.570996	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

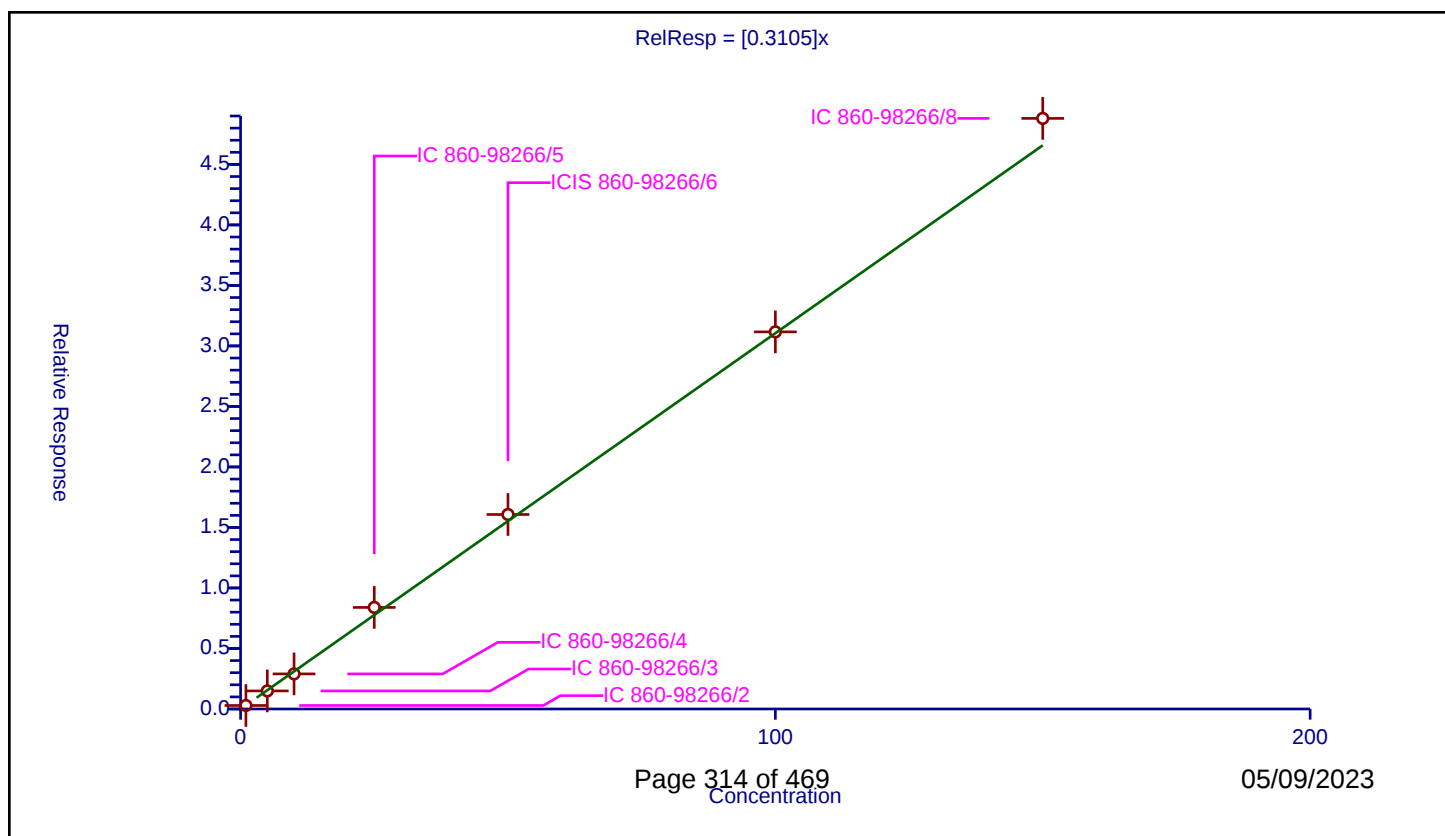
Curve Coefficients

Intercept: 0
Slope: 0.3105

Error Coefficients

Standard Error: 399000
Relative Standard Error: 5.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.290753	50.0	742554.0	0.290753	Y
2	IC 860-98266/3	5.0	1.49355	50.0	722239.0	0.29871	Y
3	IC 860-98266/4	10.0	2.899689	50.0	742614.0	0.289969	Y
4	IC 860-98266/5	25.0	8.392889	50.0	686051.0	0.335716	Y
5	ICIS 860-98266/6	50.0	16.070875	50.0	741758.0	0.321417	Y
6	IC 860-98266/7	100.0	31.162648	50.0	796423.0	0.311626	Y
7	IC 860-98266/8	150.0	48.803323	50.0	817138.0	0.325355	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

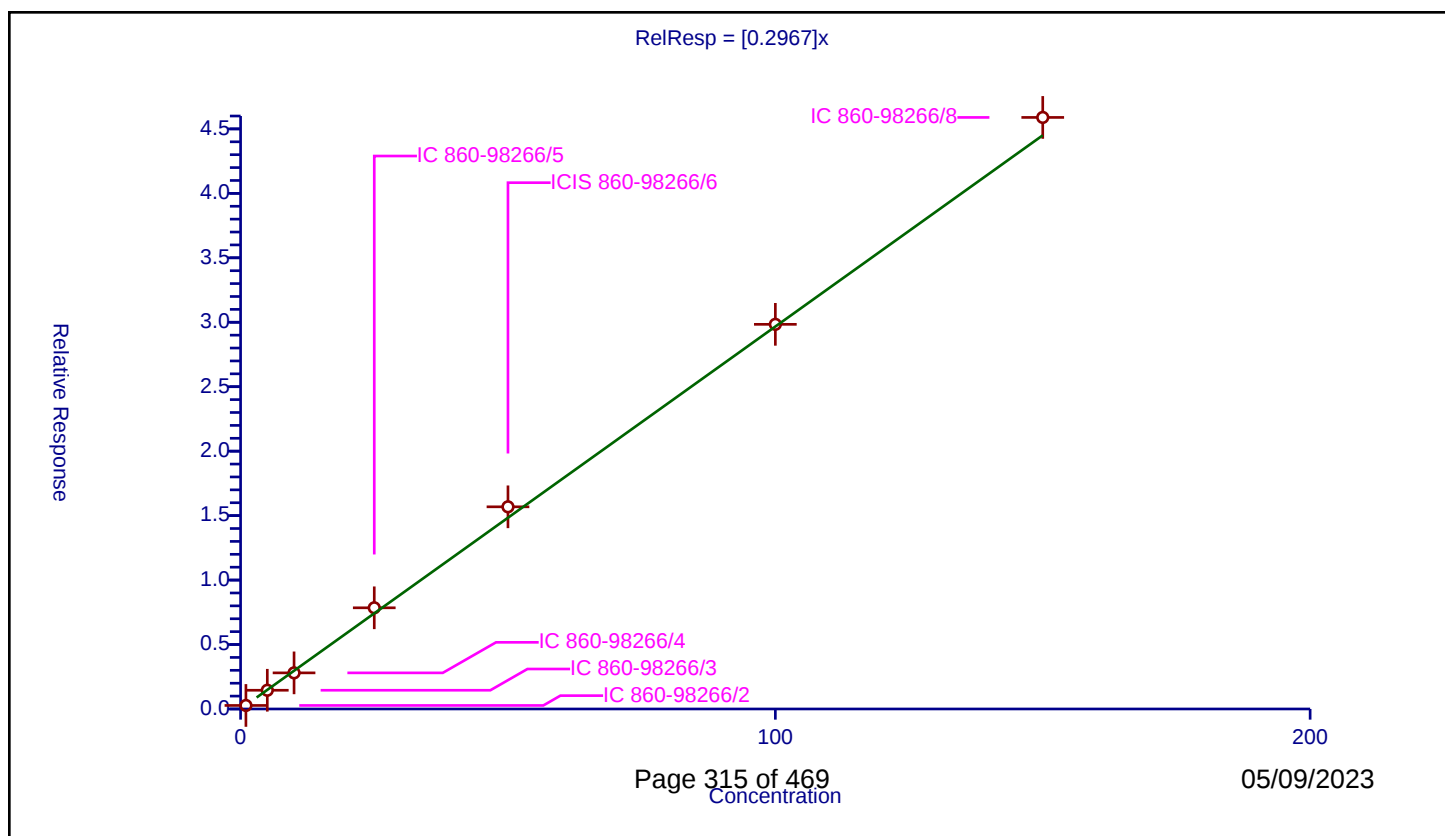
Curve Coefficients

Intercept: 0
Slope: 0.2967

Error Coefficients

Standard Error: 378000
Relative Standard Error: 5.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.274054	50.0	742554.0	0.274054	Y
2	IC 860-98266/3	5.0	1.453466	50.0	722239.0	0.290693	Y
3	IC 860-98266/4	10.0	2.800984	50.0	742614.0	0.280098	Y
4	IC 860-98266/5	25.0	7.848979	50.0	686051.0	0.313959	Y
5	ICIS 860-98266/6	50.0	15.682945	50.0	741758.0	0.313659	Y
6	IC 860-98266/7	100.0	29.838666	50.0	796423.0	0.298387	Y
7	IC 860-98266/8	150.0	45.889984	50.0	817138.0	0.305933	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

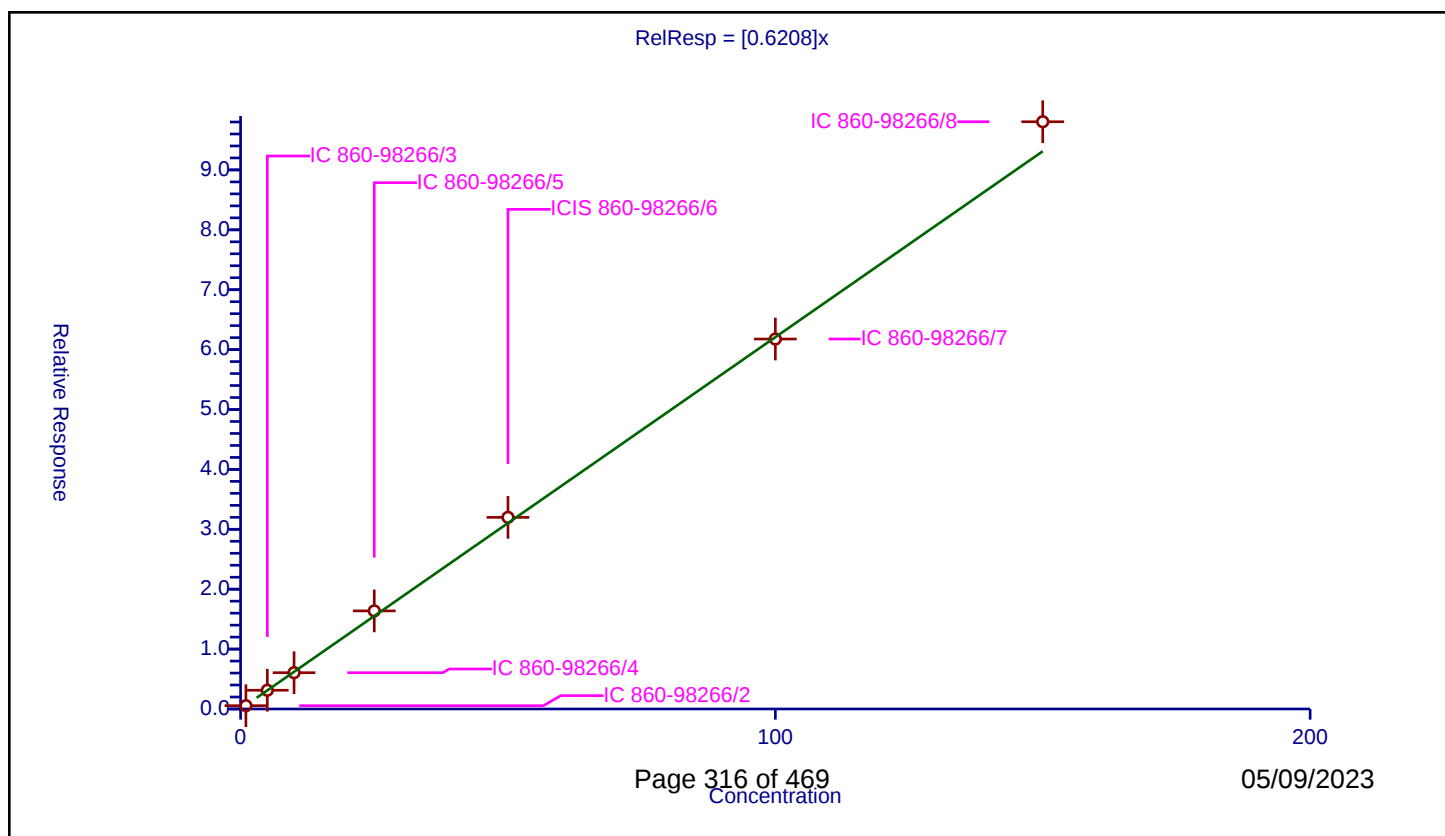
Curve Coefficients

Intercept: 0
Slope: 0.6208

Error Coefficients

Standard Error: 798000
Relative Standard Error: 5.9
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.548041	50.0	742554.0	0.548041	Y
2	IC 860-98266/3	5.0	3.126043	50.0	722239.0	0.625209	Y
3	IC 860-98266/4	10.0	6.057925	50.0	742614.0	0.605793	Y
4	IC 860-98266/5	25.0	16.378301	50.0	686051.0	0.655132	Y
5	ICIS 860-98266/6	50.0	31.992307	50.0	741758.0	0.639846	Y
6	IC 860-98266/7	100.0	61.766423	50.0	796423.0	0.617664	Y
7	IC 860-98266/8	150.0	98.041151	50.0	817138.0	0.653608	Y



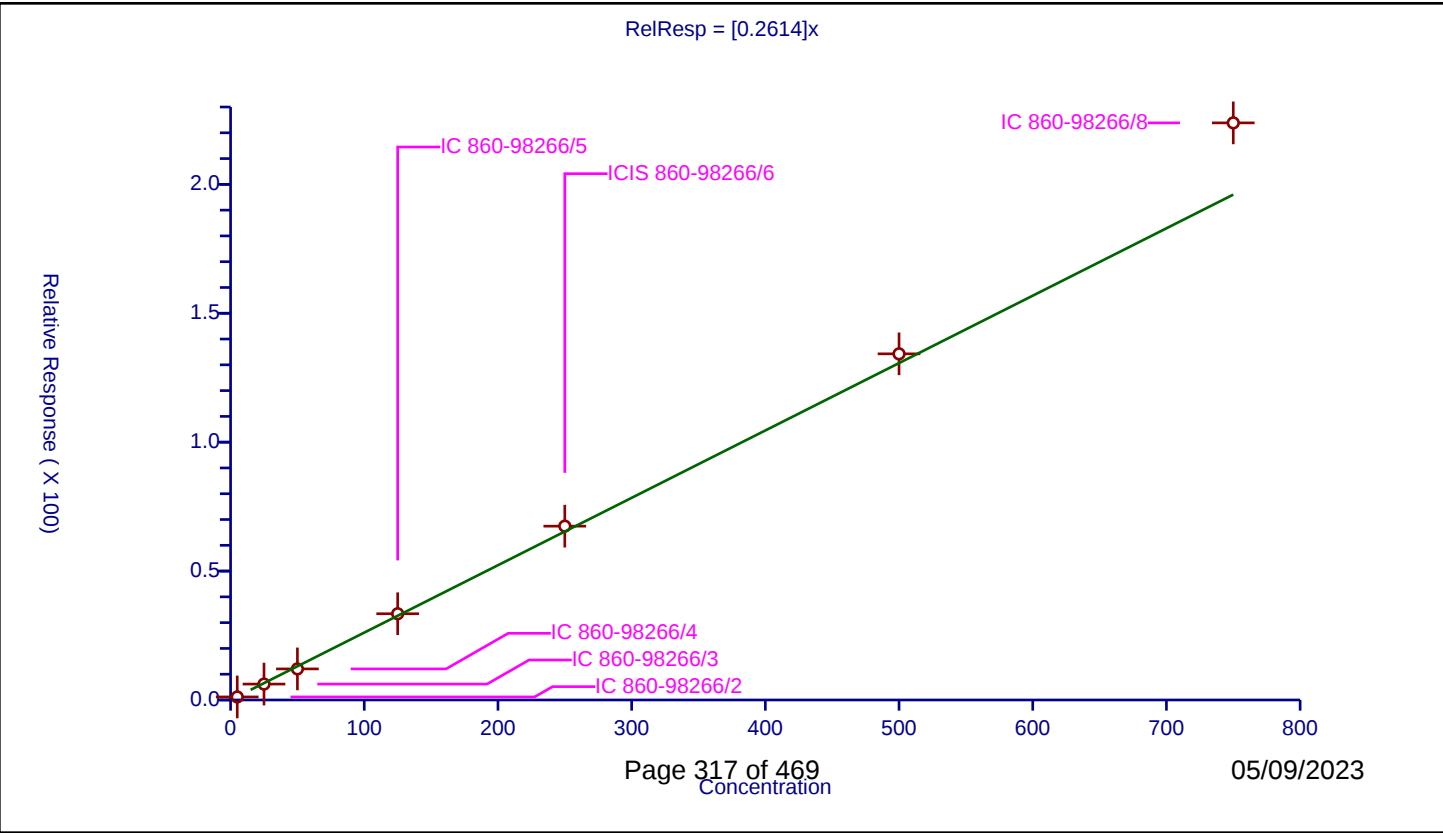
Calibration

/ 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:	0.2614
Error Coefficients	
Standard Error:	1790000
Relative Standard Error:	8.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	5.0	1.186311	50.0	742554.0	0.237262	Y
2	IC 860-98266/3	25.0	6.169218	50.0	722239.0	0.246769	Y
3	IC 860-98266/4	50.0	12.057408	50.0	742614.0	0.241148	Y
4	IC 860-98266/5	125.0	33.460195	50.0	686051.0	0.267682	Y
5	ICIS 860-98266/6	250.0	67.425697	50.0	741758.0	0.269703	Y
6	IC 860-98266/7	500.0	134.256733	50.0	796423.0	0.268513	Y
7	IC 860-98266/8	750.0	223.84328	50.0	817138.0	0.298458	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

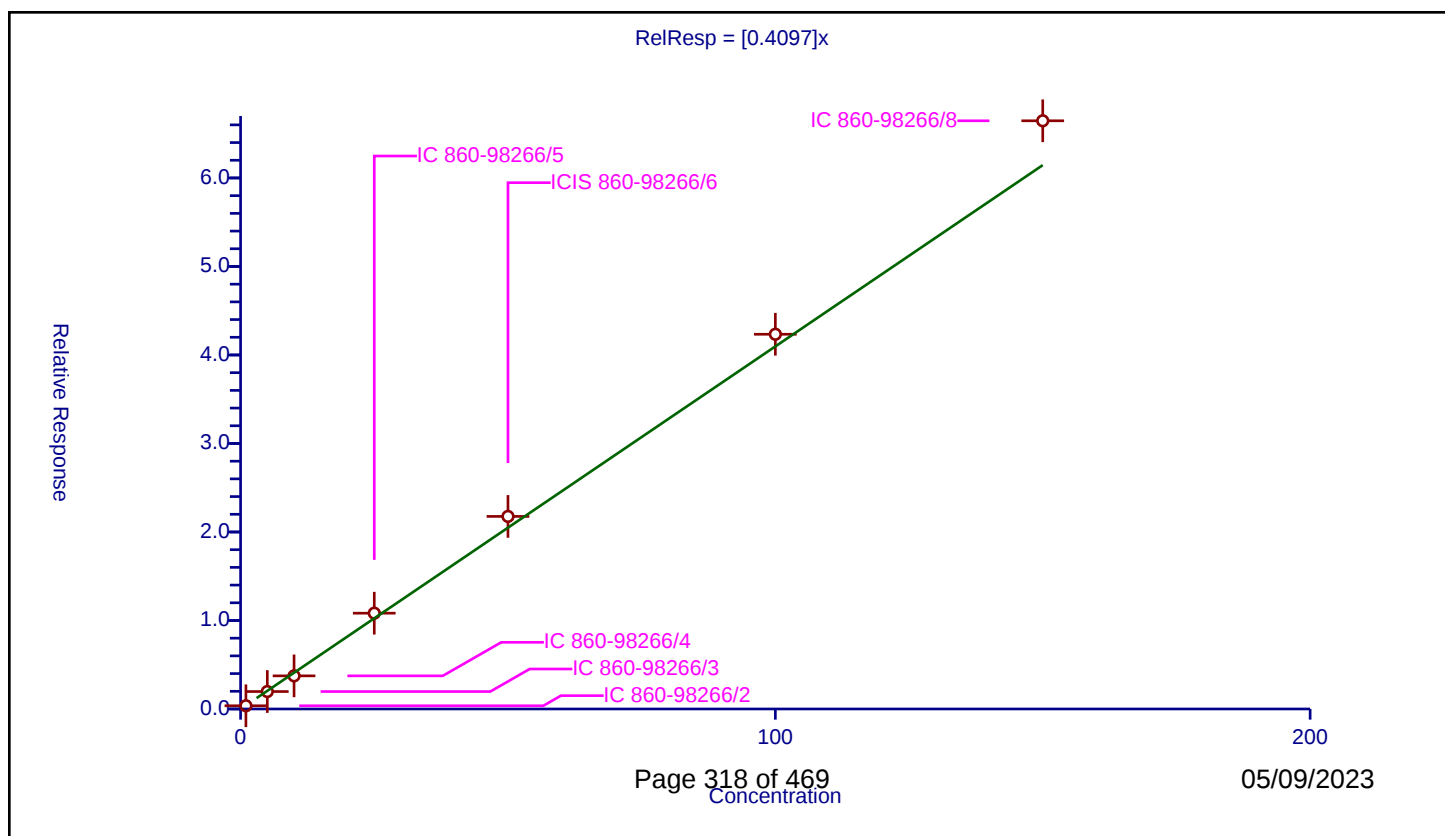
Curve Coefficients

Intercept: 0
Slope: 0.4097

Error Coefficients

Standard Error: 542000
Relative Standard Error: 7.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.363947	50.0	742554.0	0.363947	Y
2	IC 860-98266/3	5.0	1.972754	50.0	722239.0	0.394551	Y
3	IC 860-98266/4	10.0	3.745014	50.0	742614.0	0.374501	Y
4	IC 860-98266/5	25.0	10.825216	50.0	686051.0	0.433009	Y
5	ICIS 860-98266/6	50.0	21.759455	50.0	741758.0	0.435189	Y
6	IC 860-98266/7	100.0	42.34157	50.0	796423.0	0.423416	Y
7	IC 860-98266/8	150.0	66.460745	50.0	817138.0	0.443072	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

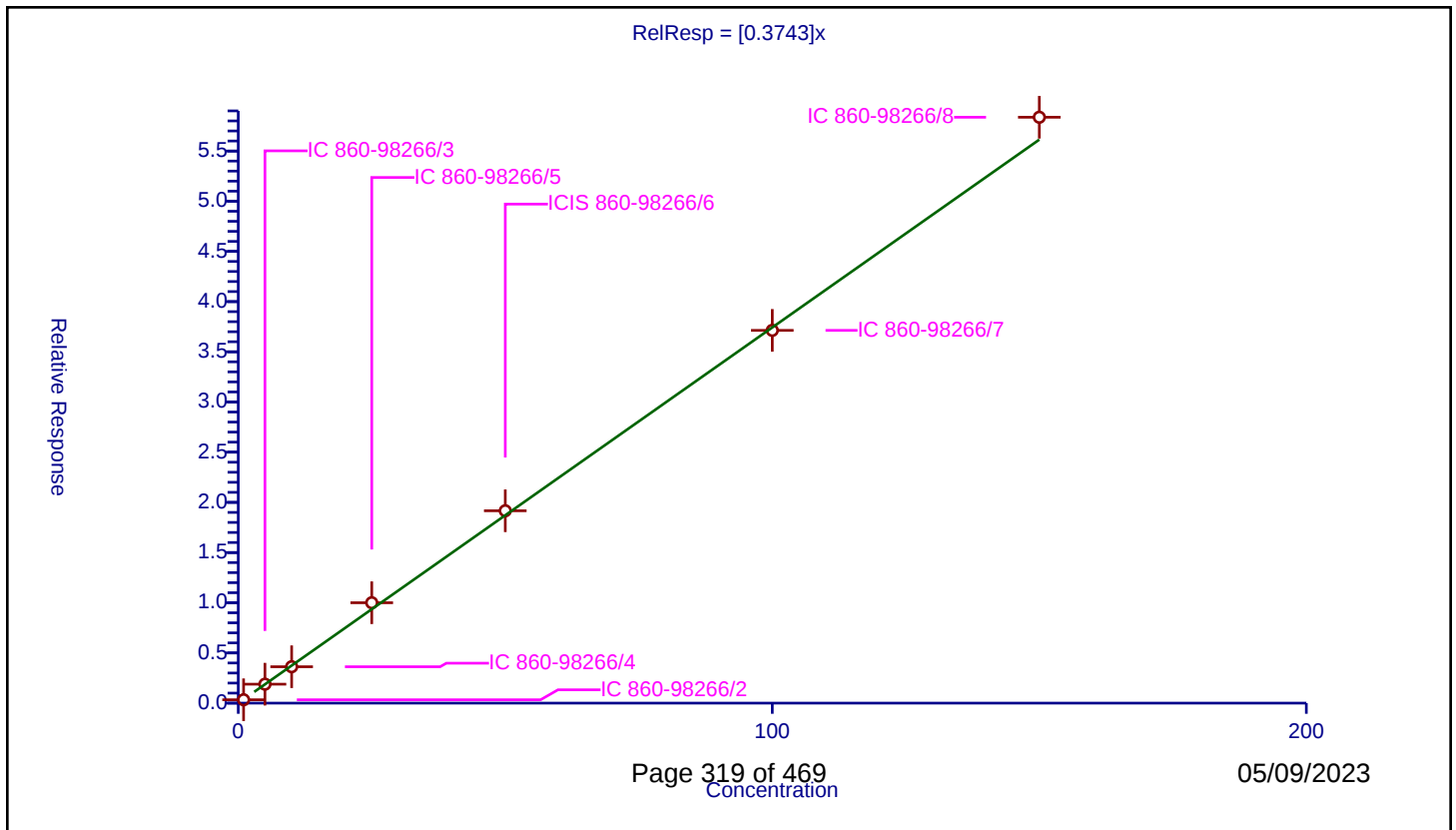
Curve Coefficients

Intercept: 0
Slope: 0.3743

Error Coefficients

Standard Error: 477000
Relative Standard Error: 5.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.335666	50.0	742554.0	0.335666	Y
2	IC 860-98266/3	5.0	1.888502	50.0	722239.0	0.3777	Y
3	IC 860-98266/4	10.0	3.626312	50.0	742614.0	0.362631	Y
4	IC 860-98266/5	25.0	10.001079	50.0	686051.0	0.400043	Y
5	ICIS 860-98266/6	50.0	19.163056	50.0	741758.0	0.383261	Y
6	IC 860-98266/7	100.0	37.135291	50.0	796423.0	0.371353	Y
7	IC 860-98266/8	150.0	58.364683	50.0	817138.0	0.389098	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

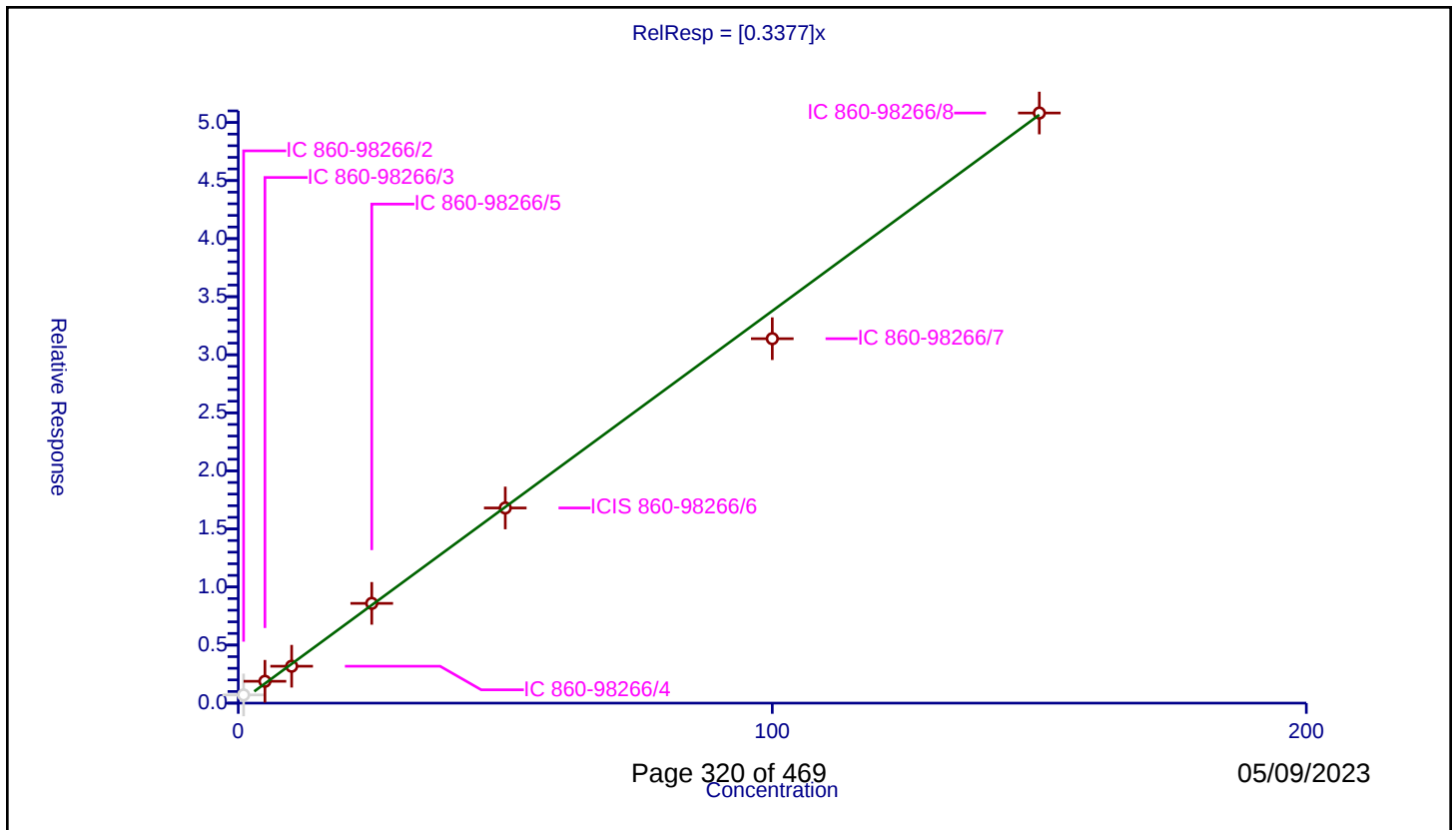
Curve Coefficients

Intercept: 0
Slope: 0.3377

Error Coefficients

Standard Error: 451000
Relative Standard Error: 6.6
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.705673	50.0	742554.0	0.705673	N
2	IC 860-98266/3	5.0	1.881995	50.0	722239.0	0.376399	Y
3	IC 860-98266/4	10.0	3.176684	50.0	742614.0	0.317668	Y
4	IC 860-98266/5	25.0	8.591344	50.0	686051.0	0.343654	Y
5	ICIS 860-98266/6	50.0	16.80474	50.0	741758.0	0.336095	Y
6	IC 860-98266/7	100.0	31.383637	50.0	796423.0	0.313836	Y
7	IC 860-98266/8	150.0	50.815835	50.0	817138.0	0.338772	Y



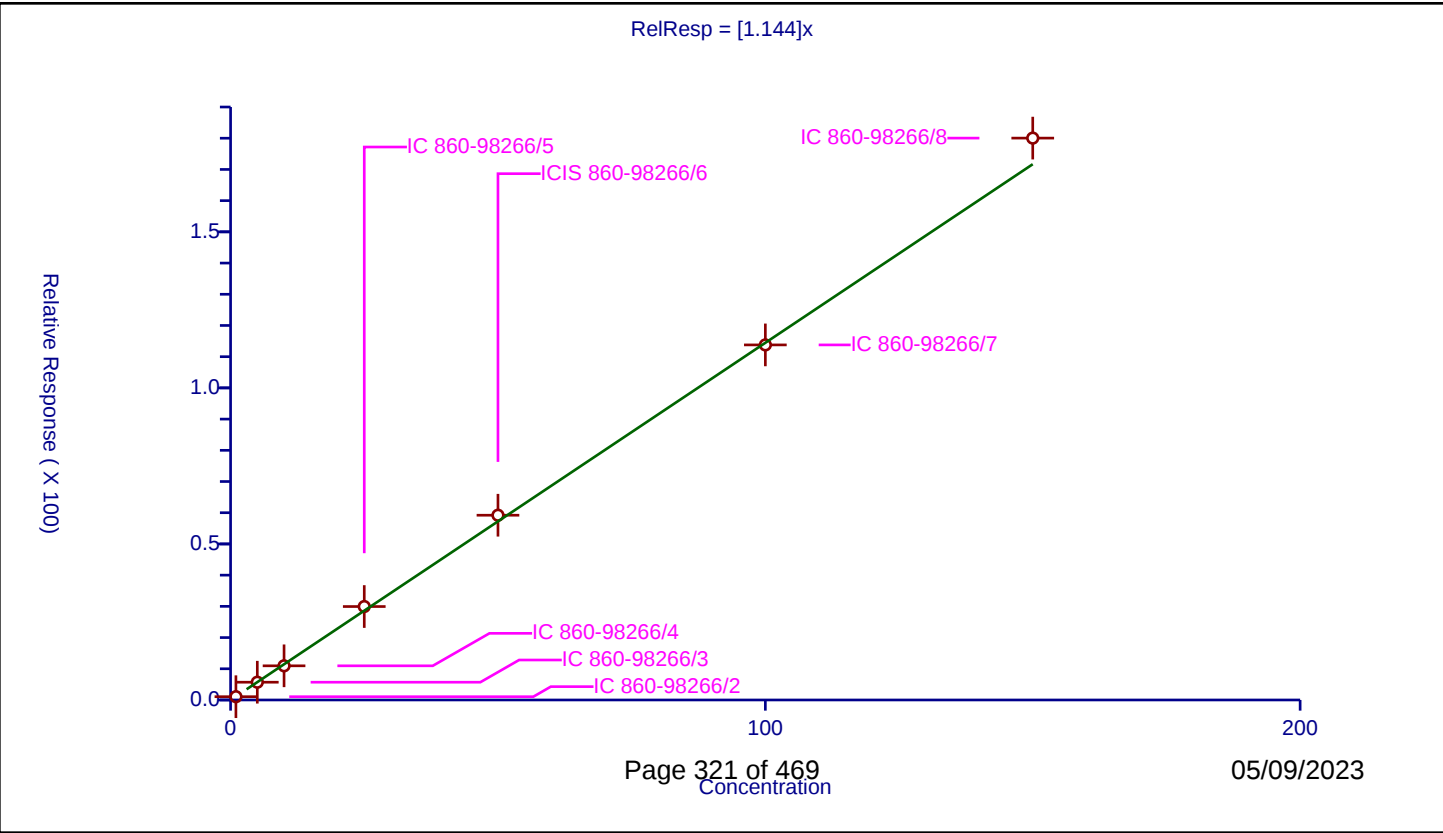
Calibration

/ 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:	1.144
Error Coefficients	
Standard Error:	1470000
Relative Standard Error:	4.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.057432	50.0	742554.0	1.057432	Y
2	IC 860-98266/3	5.0	5.698598	50.0	722239.0	1.13972	Y
3	IC 860-98266/4	10.0	10.945592	50.0	742614.0	1.094559	Y
4	IC 860-98266/5	25.0	29.94136	50.0	686051.0	1.197654	Y
5	ICIS 860-98266/6	50.0	59.196396	50.0	741758.0	1.183928	Y
6	IC 860-98266/7	100.0	113.771513	50.0	796423.0	1.137715	Y
7	IC 860-98266/8	150.0	180.038806	50.0	817138.0	1.200259	Y



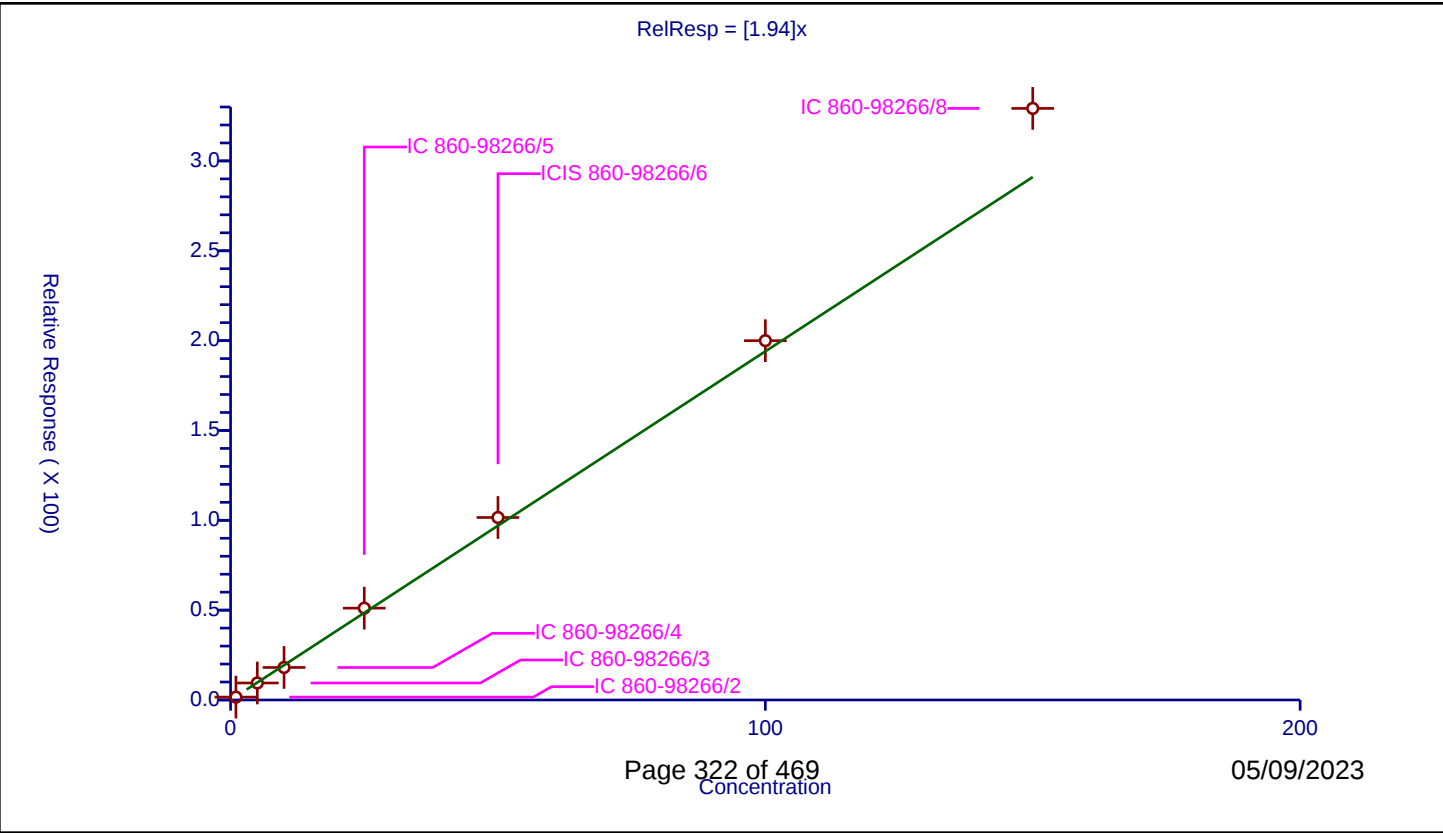
Calibration

/ 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:	1.94
Error Coefficients	
Standard Error:	2640000
Relative Standard Error:	9.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.607223	50.0	742554.0	1.607223	Y
2	IC 860-98266/3	5.0	9.46508	50.0	722239.0	1.893016	Y
3	IC 860-98266/4	10.0	18.10079	50.0	742614.0	1.810079	Y
4	IC 860-98266/5	25.0	51.122803	50.0	686051.0	2.044912	Y
5	ICIS 860-98266/6	50.0	101.556438	50.0	741758.0	2.031129	Y
6	IC 860-98266/7	100.0	199.969802	50.0	796423.0	1.999698	Y
7	IC 860-98266/8	150.0	329.223032	50.0	817138.0	2.19482	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

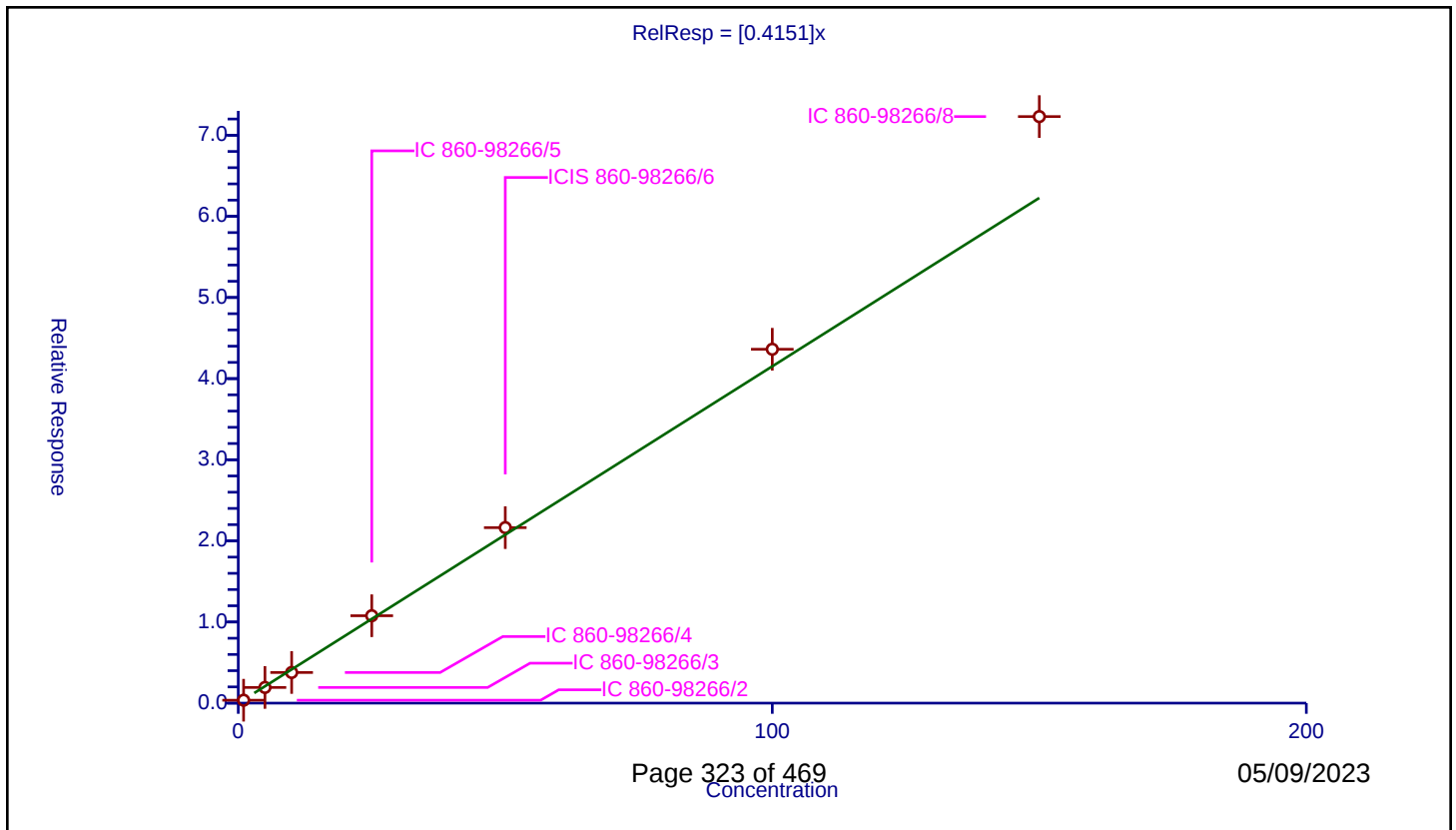
Curve Coefficients

Intercept: 0
Slope: 0.4151

Error Coefficients

Standard Error: 578000
Relative Standard Error: 10.2
Correlation Coefficient: 0.993
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.36031	50.0	742554.0	0.36031	Y
2	IC 860-98266/3	5.0	1.932047	50.0	722239.0	0.386409	Y
3	IC 860-98266/4	10.0	3.776188	50.0	742614.0	0.377619	Y
4	IC 860-98266/5	25.0	10.772013	50.0	686051.0	0.430881	Y
5	ICIS 860-98266/6	50.0	21.633134	50.0	741758.0	0.432663	Y
6	IC 860-98266/7	100.0	43.61765	50.0	796423.0	0.436177	Y
7	IC 860-98266/8	150.0	72.297029	50.0	817138.0	0.48198	Y



Calibration

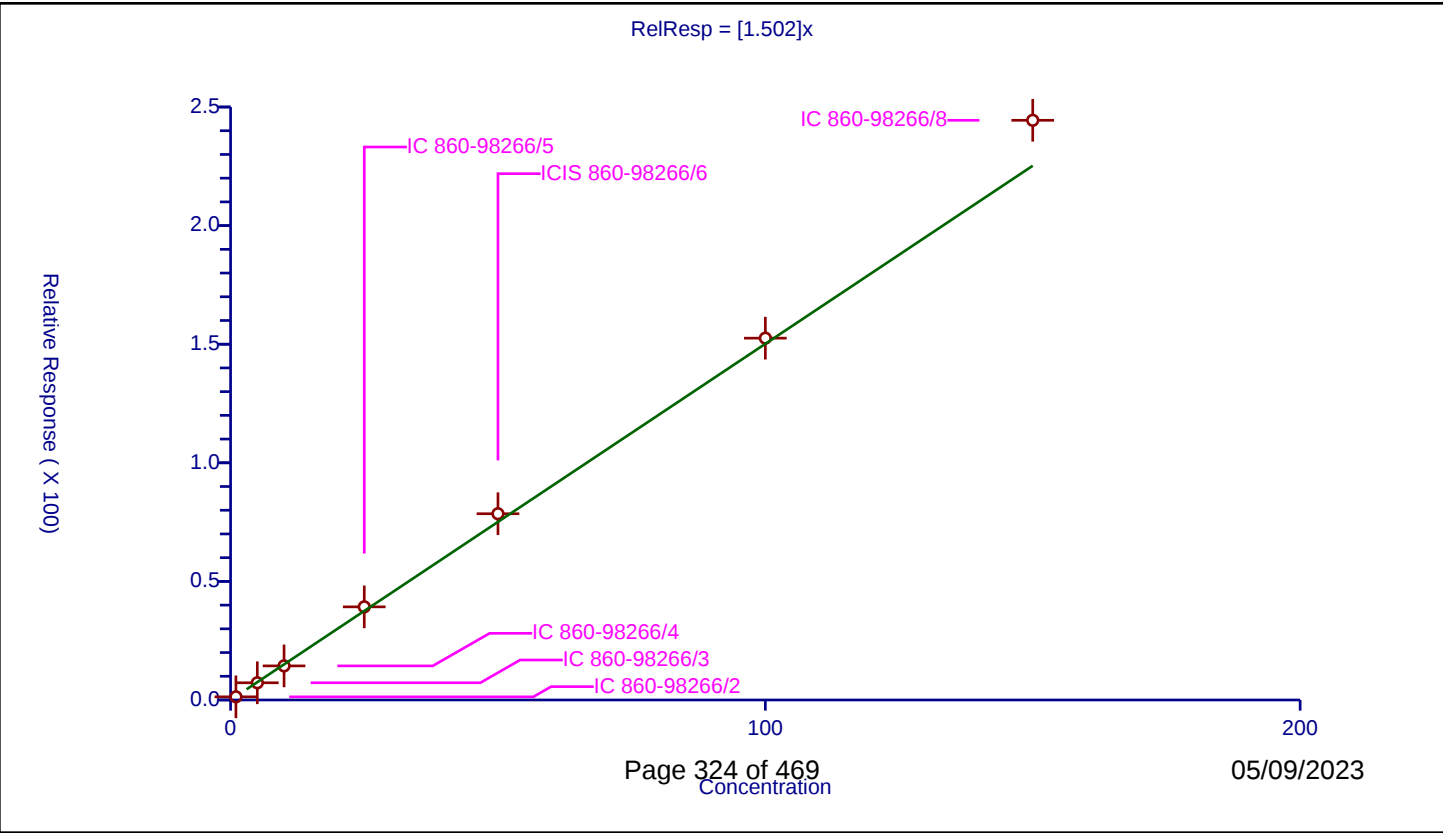
/ m-Xylene & p-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.502

Error Coefficients	
Standard Error:	1980000
Relative Standard Error:	6.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.327715	50.0	742554.0	1.327715	Y
2	IC 860-98266/3	5.0	7.252101	50.0	722239.0	1.45042	Y
3	IC 860-98266/4	10.0	14.369376	50.0	742614.0	1.436938	Y
4	IC 860-98266/5	25.0	39.266614	50.0	686051.0	1.570665	Y
5	ICIS 860-98266/6	50.0	78.523791	50.0	741758.0	1.570476	Y
6	IC 860-98266/7	100.0	152.552601	50.0	796423.0	1.525526	Y
7	IC 860-98266/8	150.0	244.396601	50.0	817138.0	1.629311	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

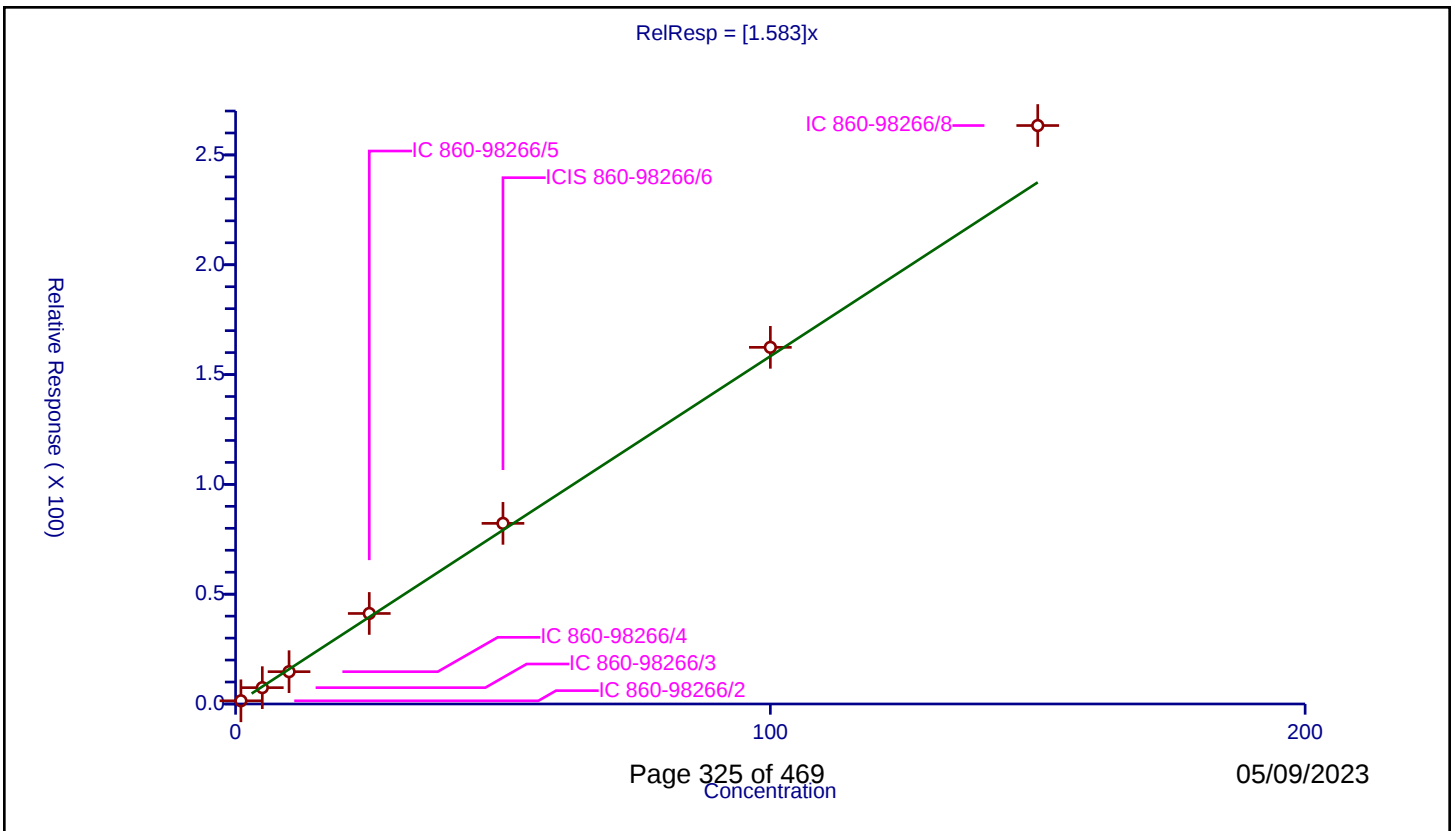
Curve Coefficients

Intercept: 0
Slope: 1.583

Error Coefficients

Standard Error: 2120000
Relative Standard Error: 7.2
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.453497	50.0	742554.0	1.453497	Y
2	IC 860-98266/3	5.0	7.43542	50.0	722239.0	1.487084	Y
3	IC 860-98266/4	10.0	14.705756	50.0	742614.0	1.470576	Y
4	IC 860-98266/5	25.0	41.212461	50.0	686051.0	1.648498	Y
5	ICIS 860-98266/6	50.0	82.241311	50.0	741758.0	1.644826	Y
6	IC 860-98266/7	100.0	162.393791	50.0	796423.0	1.623938	Y
7	IC 860-98266/8	150.0	263.392108	50.0	817138.0	1.755947	Y



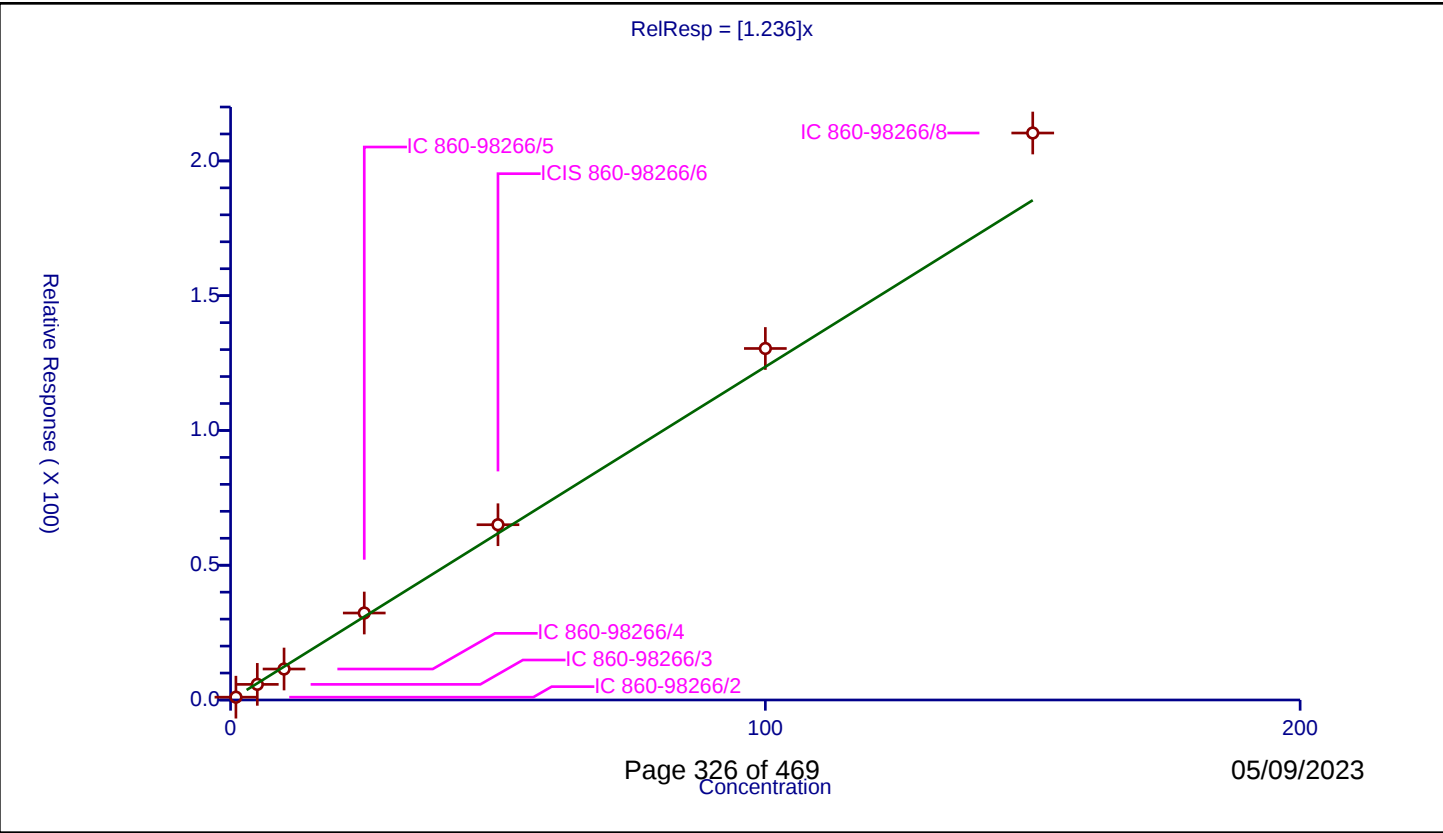
Calibration

/ 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:	1.236
Error Coefficients	
Standard Error:	1700000
Relative Standard Error:	9.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.04787	50.0	742554.0	1.04787	Y
2	IC 860-98266/3	5.0	5.791504	50.0	722239.0	1.158301	Y
3	IC 860-98266/4	10.0	11.48928	50.0	742614.0	1.148928	Y
4	IC 860-98266/5	25.0	32.269685	50.0	686051.0	1.290787	Y
5	ICIS 860-98266/6	50.0	65.028958	50.0	741758.0	1.300579	Y
6	IC 860-98266/7	100.0	130.412921	50.0	796423.0	1.304129	Y
7	IC 860-98266/8	150.0	210.356696	50.0	817138.0	1.402378	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

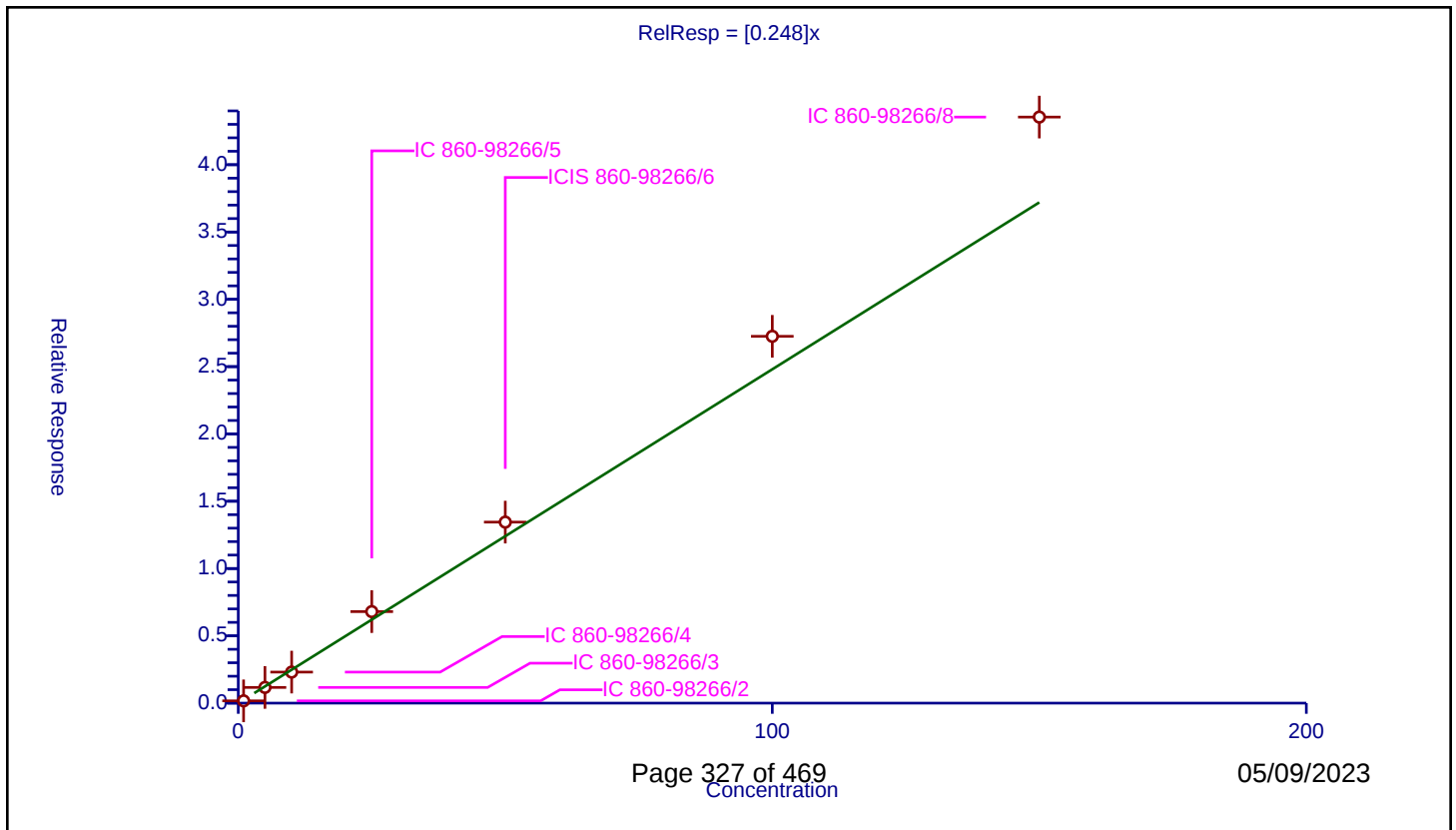
Curve Coefficients

Intercept: 0
Slope: 0.248

Error Coefficients

Standard Error: 352000
Relative Standard Error: 16.7
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.168405	50.0	742554.0	0.168405	Y
2	IC 860-98266/3	5.0	1.165888	50.0	722239.0	0.233178	Y
3	IC 860-98266/4	10.0	2.306582	50.0	742614.0	0.230658	Y
4	IC 860-98266/5	25.0	6.800661	50.0	686051.0	0.272026	Y
5	ICIS 860-98266/6	50.0	13.448389	50.0	741758.0	0.268968	Y
6	IC 860-98266/7	100.0	27.252289	50.0	796423.0	0.272523	Y
7	IC 860-98266/8	150.0	43.541666	50.0	817138.0	0.290278	Y



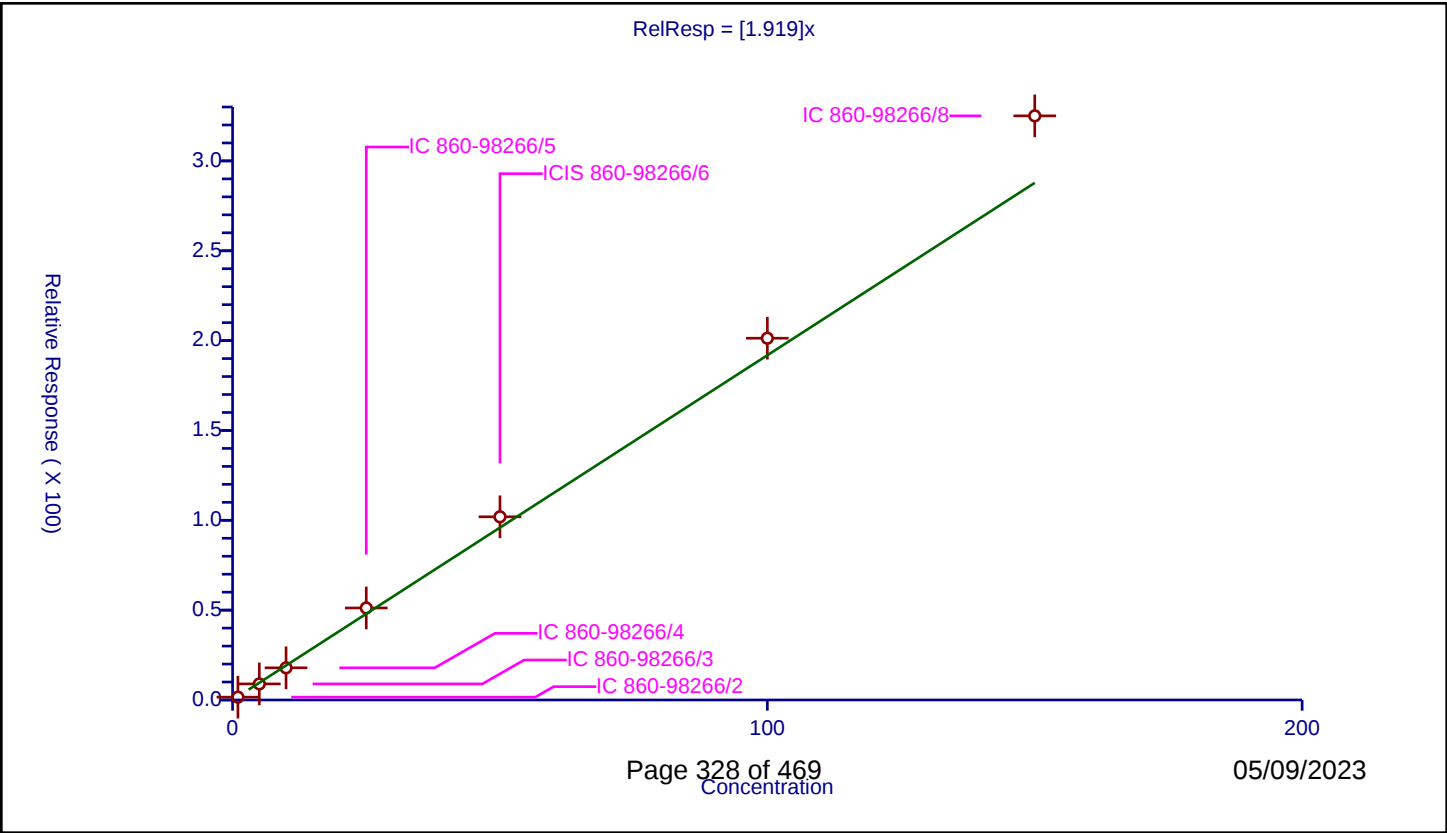
Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.919
Error Coefficients	
Standard Error:	2630000
Relative Standard Error:	10.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.585137	50.0	742554.0	1.585137	Y
2	IC 860-98266/3	5.0	8.937277	50.0	722239.0	1.787455	Y
3	IC 860-98266/4	10.0	17.901696	50.0	742614.0	1.79017	Y
4	IC 860-98266/5	25.0	51.206616	50.0	686051.0	2.048265	Y
5	ICIS 860-98266/6	50.0	101.941469	50.0	741758.0	2.038829	Y
6	IC 860-98266/7	100.0	201.326368	50.0	796423.0	2.013264	Y
7	IC 860-98266/8	150.0	325.069878	50.0	817138.0	2.167133	Y



Calibration

/ cis-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

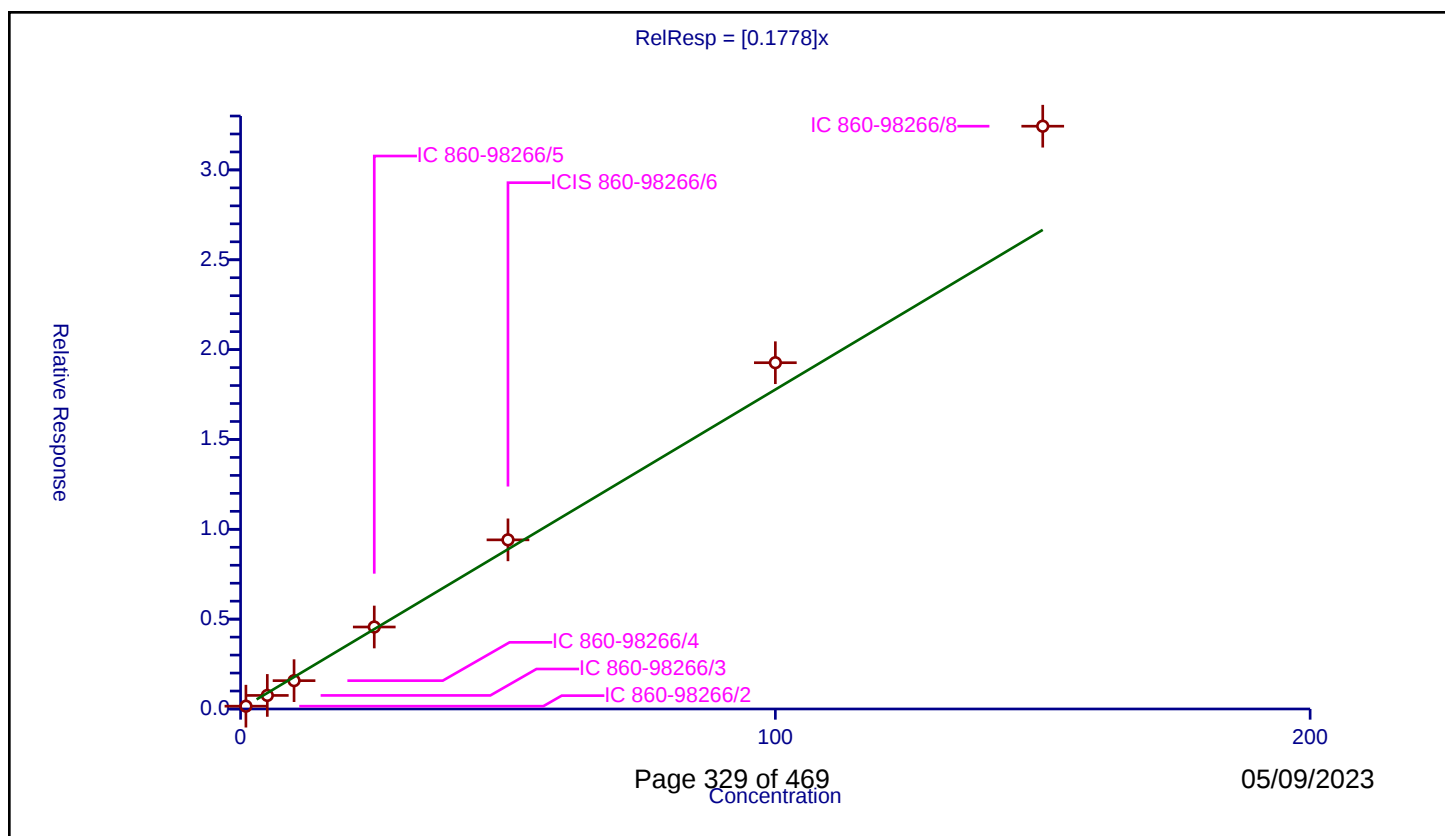
Curve Coefficients

Intercept: 0
Slope: 0.1778

Error Coefficients

Standard Error: 258000
Relative Standard Error: 13.5
Correlation Coefficient: 0.992
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.15615	50.0	742554.0	0.15615	Y
2	IC 860-98266/3	5.0	0.754252	50.0	722239.0	0.15085	Y
3	IC 860-98266/4	10.0	1.576391	50.0	742614.0	0.157639	Y
4	IC 860-98266/5	25.0	4.563436	50.0	686051.0	0.182537	Y
5	ICIS 860-98266/6	50.0	9.413245	50.0	741758.0	0.188265	Y
6	IC 860-98266/7	100.0	19.270538	50.0	796423.0	0.192705	Y
7	IC 860-98266/8	150.0	32.433322	50.0	817138.0	0.216222	Y



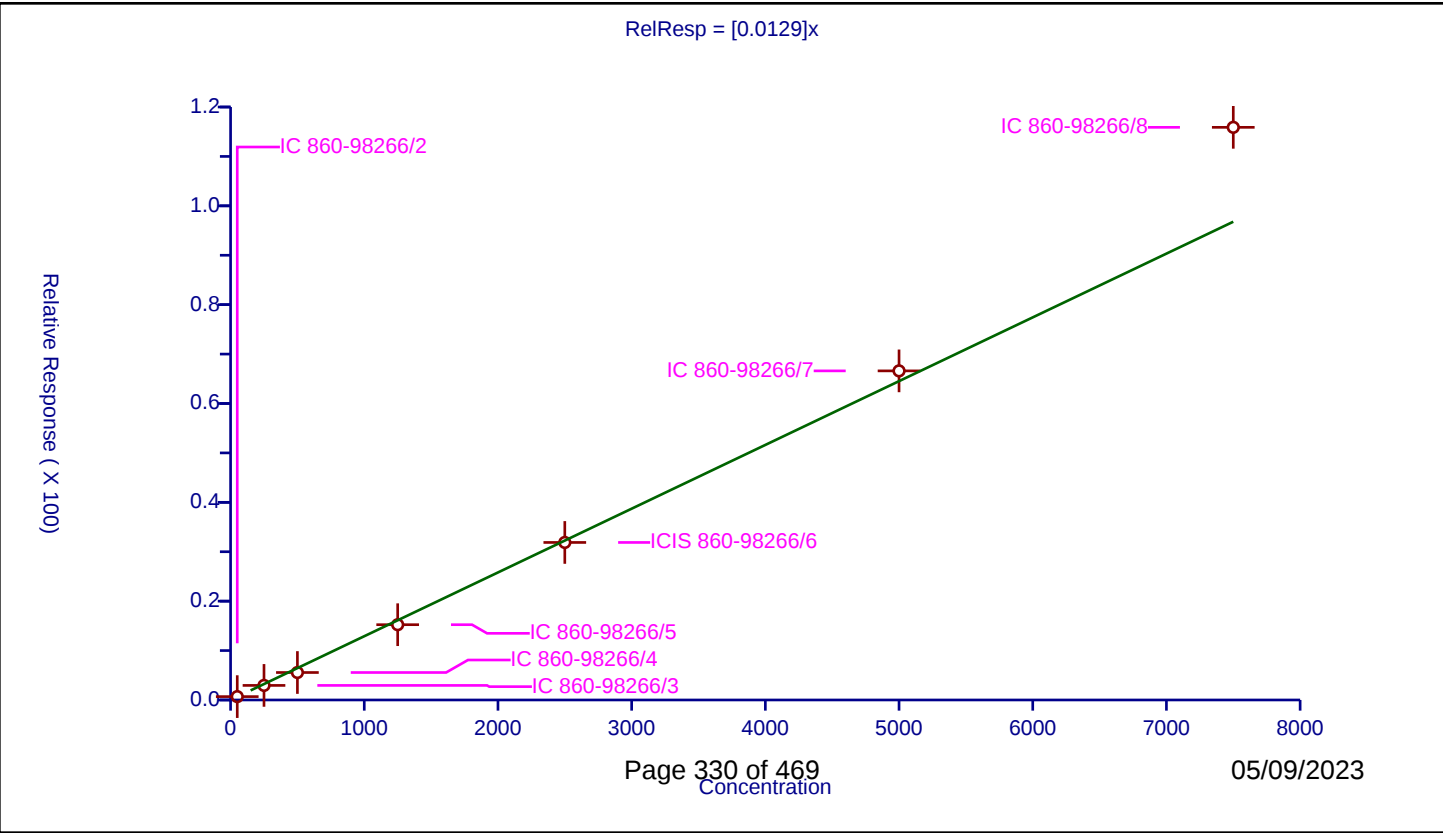
Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0129
Error Coefficients	
Standard Error:	912000
Relative Standard Error:	11.1
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	50.0	0.685068	50.0	742554.0	0.013701	Y
2	IC 860-98266/3	250.0	2.948955	50.0	722239.0	0.011796	Y
3	IC 860-98266/4	500.0	5.560358	50.0	742614.0	0.011121	Y
4	IC 860-98266/5	1250.0	15.2348	50.0	686051.0	0.012188	Y
5	ICIS 860-98266/6	2500.0	31.880546	50.0	741758.0	0.012752	Y
6	IC 860-98266/7	5000.0	66.602484	50.0	796423.0	0.01332	Y
7	IC 860-98266/8	7500.0	115.890462	50.0	817138.0	0.015452	Y



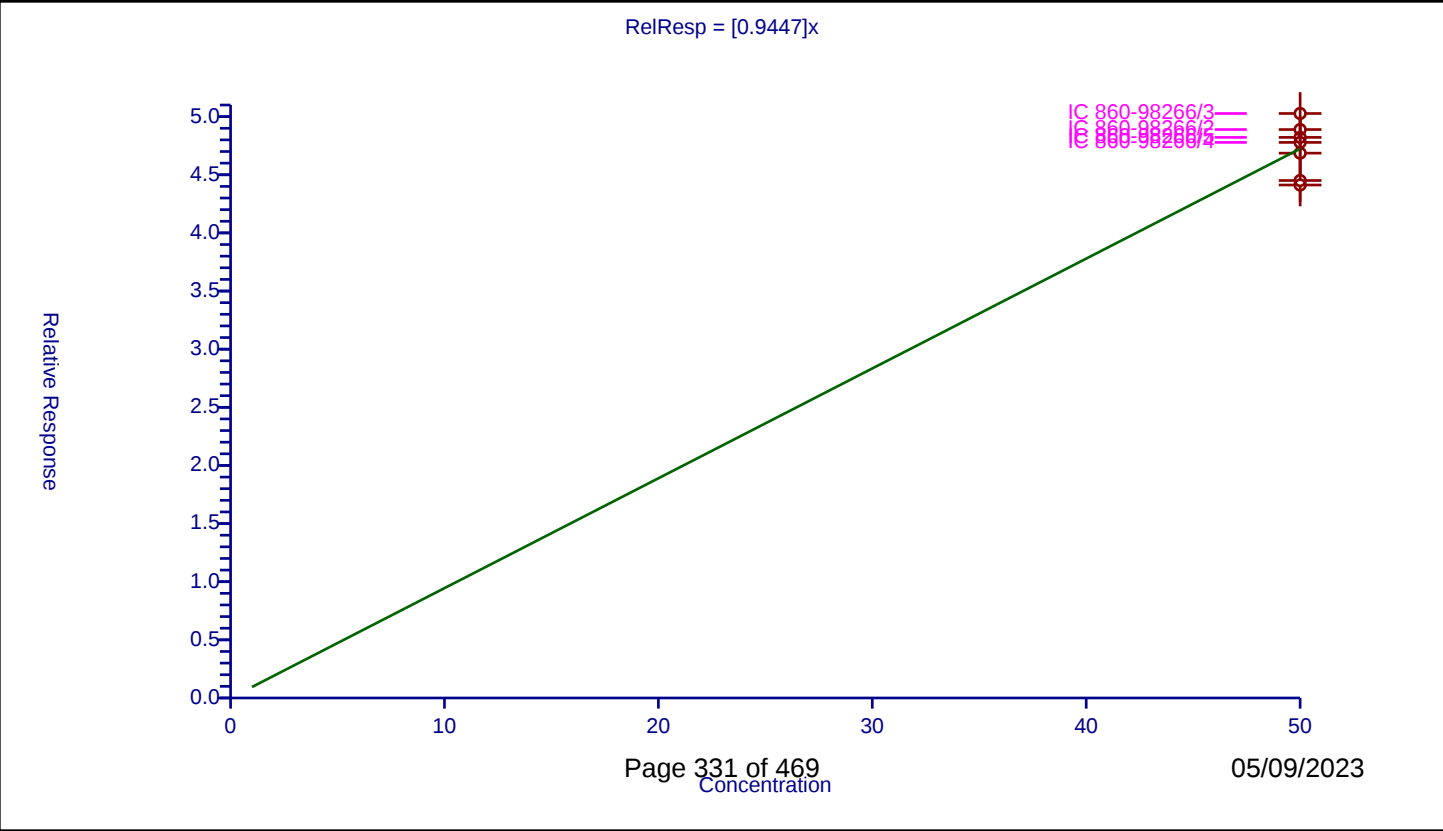
Calibration

/ 4-Bromofluorobenzene (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:	0.9447
Error Coefficients	
Standard Error:	396000
Relative Standard Error:	4.8
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	50.0	48.890963	50.0	362116.0	0.977819	Y
2	IC 860-98266/3	50.0	50.271465	50.0	339639.0	1.005429	Y
3	IC 860-98266/4	50.0	47.783993	50.0	373081.0	0.95568	Y
4	IC 860-98266/5	50.0	48.215791	50.0	338077.0	0.964316	Y
5	ICIS 860-98266/6	50.0	46.861117	50.0	389422.0	0.937222	Y
6	IC 860-98266/7	50.0	44.507255	50.0	454363.0	0.890145	Y
7	IC 860-98266/8	50.0	44.11918	50.0	464272.0	0.882384	Y



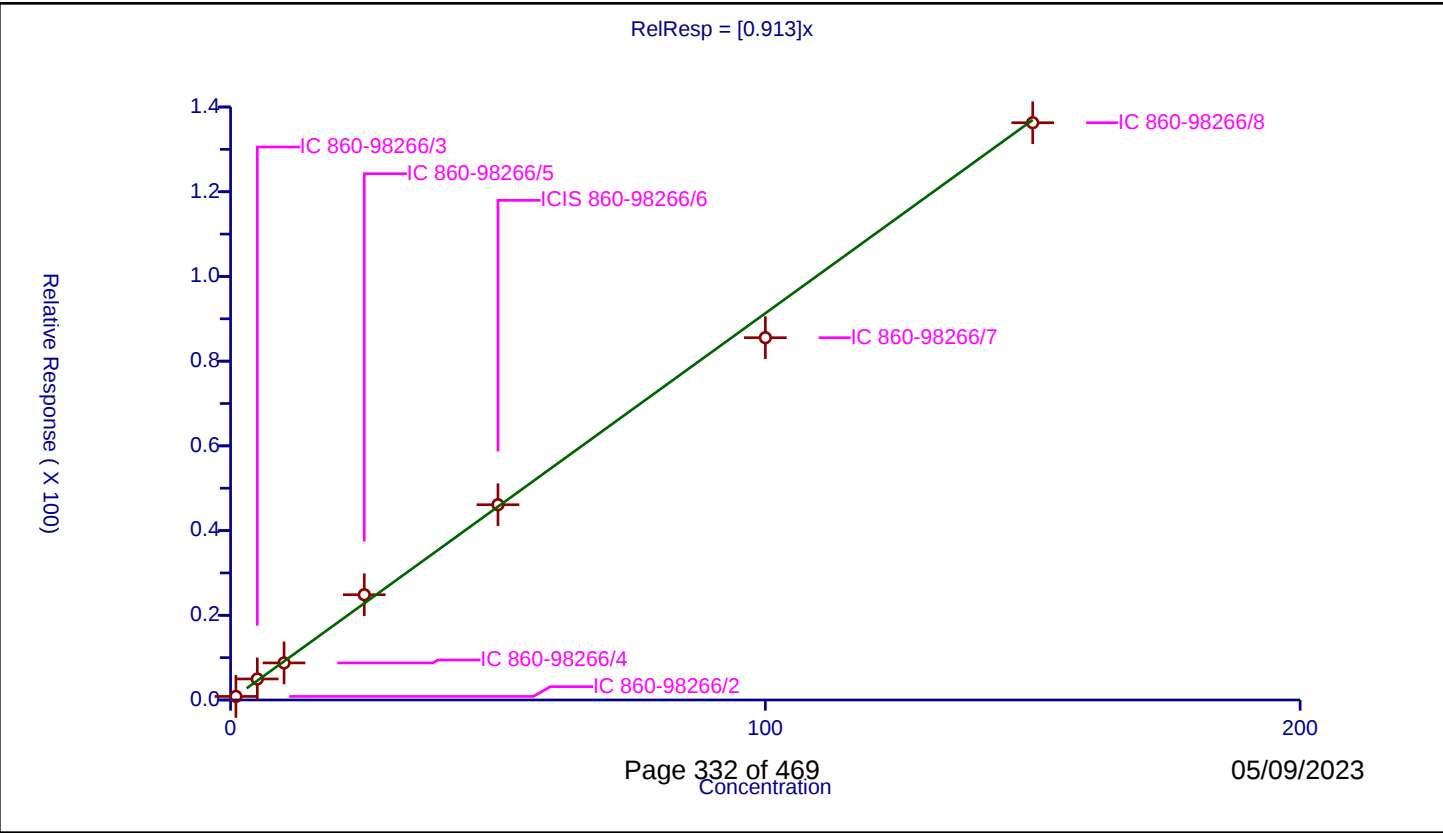
Calibration

/ 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:	0.913
Error Coefficients	
Standard Error:	628000
Relative Standard Error:	6.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.84241	50.0	362116.0	0.84241	Y
2	IC 860-98266/3	5.0	4.967333	50.0	339639.0	0.993467	Y
3	IC 860-98266/4	10.0	8.752523	50.0	373081.0	0.875252	Y
4	IC 860-98266/5	25.0	24.852179	50.0	338077.0	0.994087	Y
5	ICIS 860-98266/6	50.0	46.09909	50.0	389422.0	0.921982	Y
6	IC 860-98266/7	100.0	85.530622	50.0	454363.0	0.855306	Y
7	IC 860-98266/8	150.0	136.294564	50.0	464272.0	0.90863	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

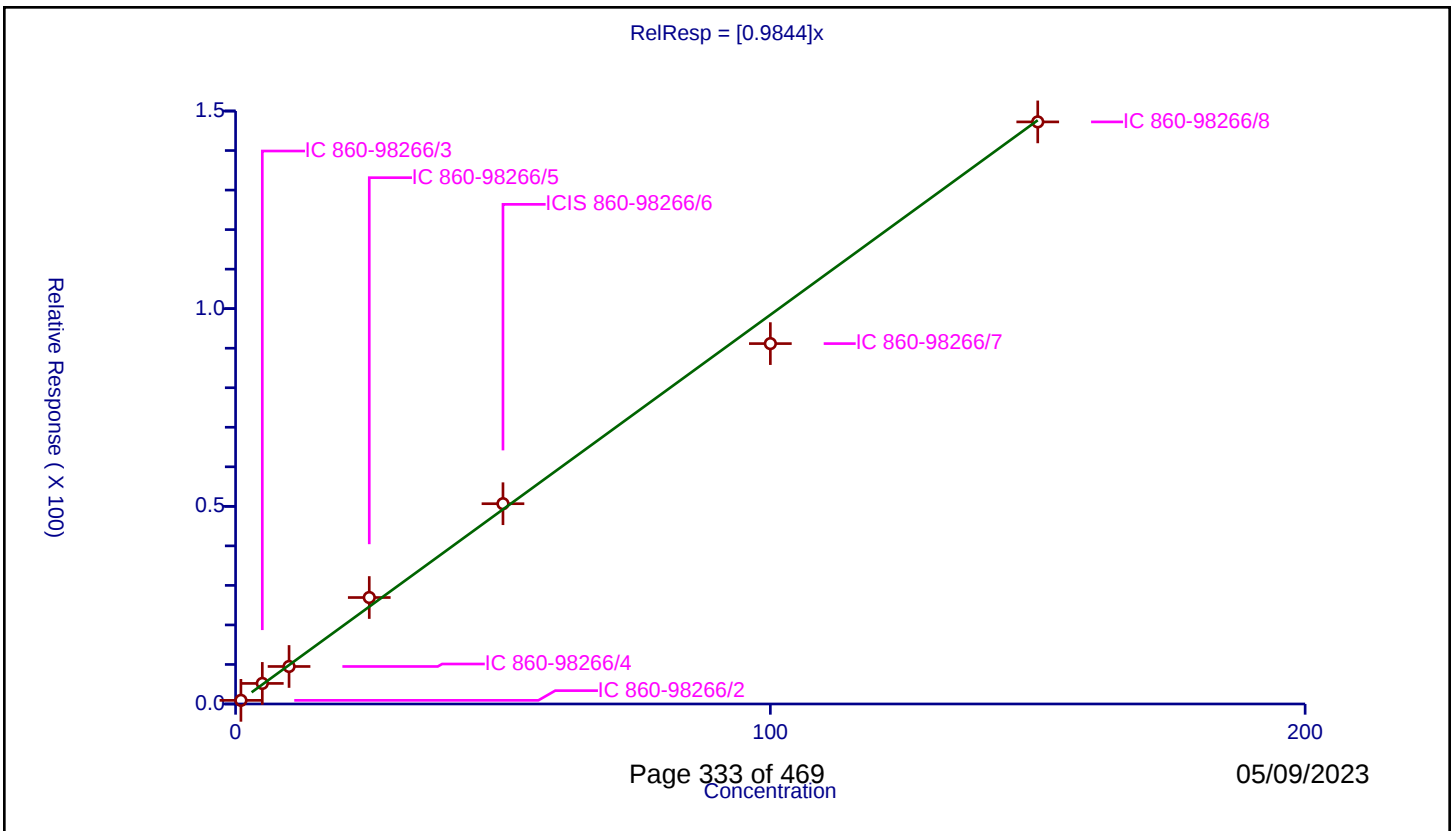
Curve Coefficients

Intercept: 0
Slope: 0.9844

Error Coefficients

Standard Error: 677000
Relative Standard Error: 6.4
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.918214	50.0	362116.0	0.918214	Y
2	IC 860-98266/3	5.0	5.201111	50.0	339639.0	1.040222	Y
3	IC 860-98266/4	10.0	9.488422	50.0	373081.0	0.948842	Y
4	IC 860-98266/5	25.0	26.932622	50.0	338077.0	1.077305	Y
5	ICIS 860-98266/6	50.0	50.662135	50.0	389422.0	1.013243	Y
6	IC 860-98266/7	100.0	91.163233	50.0	454363.0	0.911632	Y
7	IC 860-98266/8	150.0	147.249565	50.0	464272.0	0.981664	Y



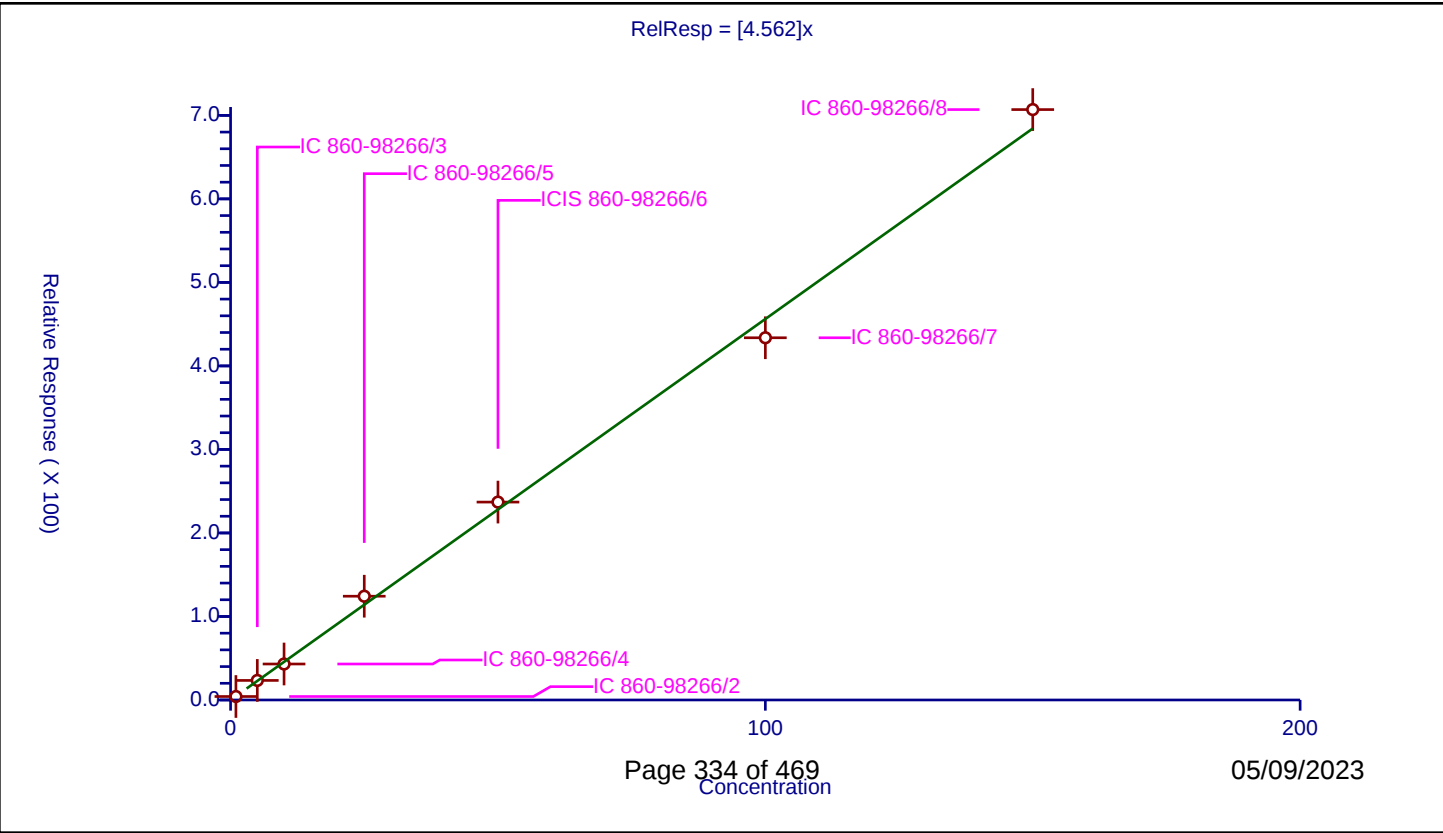
Calibration

/ 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:	4.562
Error Coefficients	
Standard Error:	3240000
Relative Standard Error:	6.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	4.181809	50.0	362116.0	4.181809	Y
2	IC 860-98266/3	5.0	23.415744	50.0	339639.0	4.683149	Y
3	IC 860-98266/4	10.0	43.080591	50.0	373081.0	4.308059	Y
4	IC 860-98266/5	25.0	124.249062	50.0	338077.0	4.969962	Y
5	ICIS 860-98266/6	50.0	236.950917	50.0	389422.0	4.739018	Y
6	IC 860-98266/7	100.0	433.700147	50.0	454363.0	4.337001	Y
7	IC 860-98266/8	150.0	706.943667	50.0	464272.0	4.712958	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

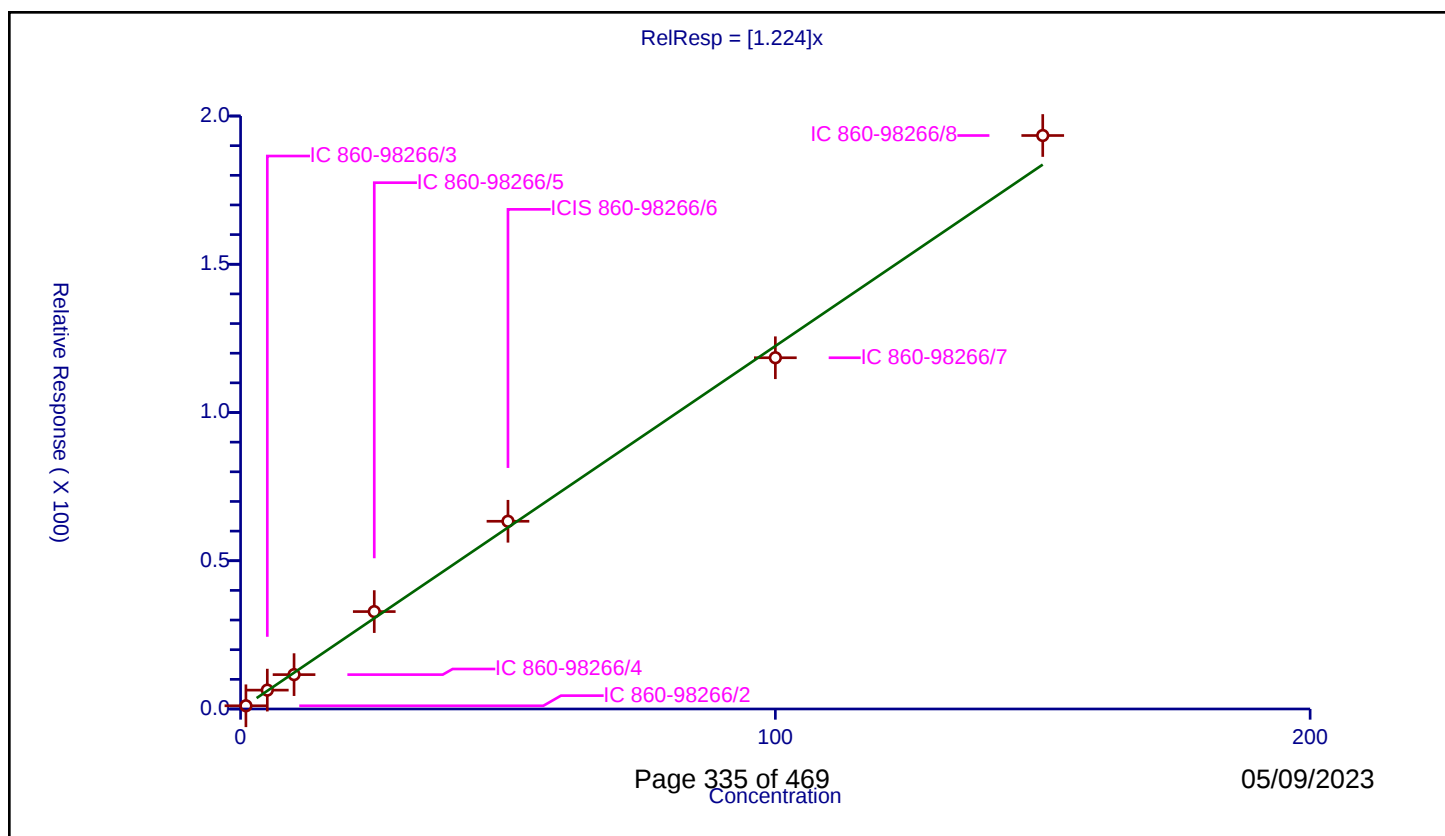
Curve Coefficients

Intercept: 0
Slope: 1.224

Error Coefficients

Standard Error: 884000
Relative Standard Error: 6.9
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.08225	50.0	362116.0	1.08225	Y
2	IC 860-98266/3	5.0	6.366171	50.0	339639.0	1.273234	Y
3	IC 860-98266/4	10.0	11.587698	50.0	373081.0	1.15877	Y
4	IC 860-98266/5	25.0	32.85435	50.0	338077.0	1.314174	Y
5	ICIS 860-98266/6	50.0	63.312807	50.0	389422.0	1.266256	Y
6	IC 860-98266/7	100.0	118.471685	50.0	454363.0	1.184717	Y
7	IC 860-98266/8	150.0	193.428852	50.0	464272.0	1.289526	Y



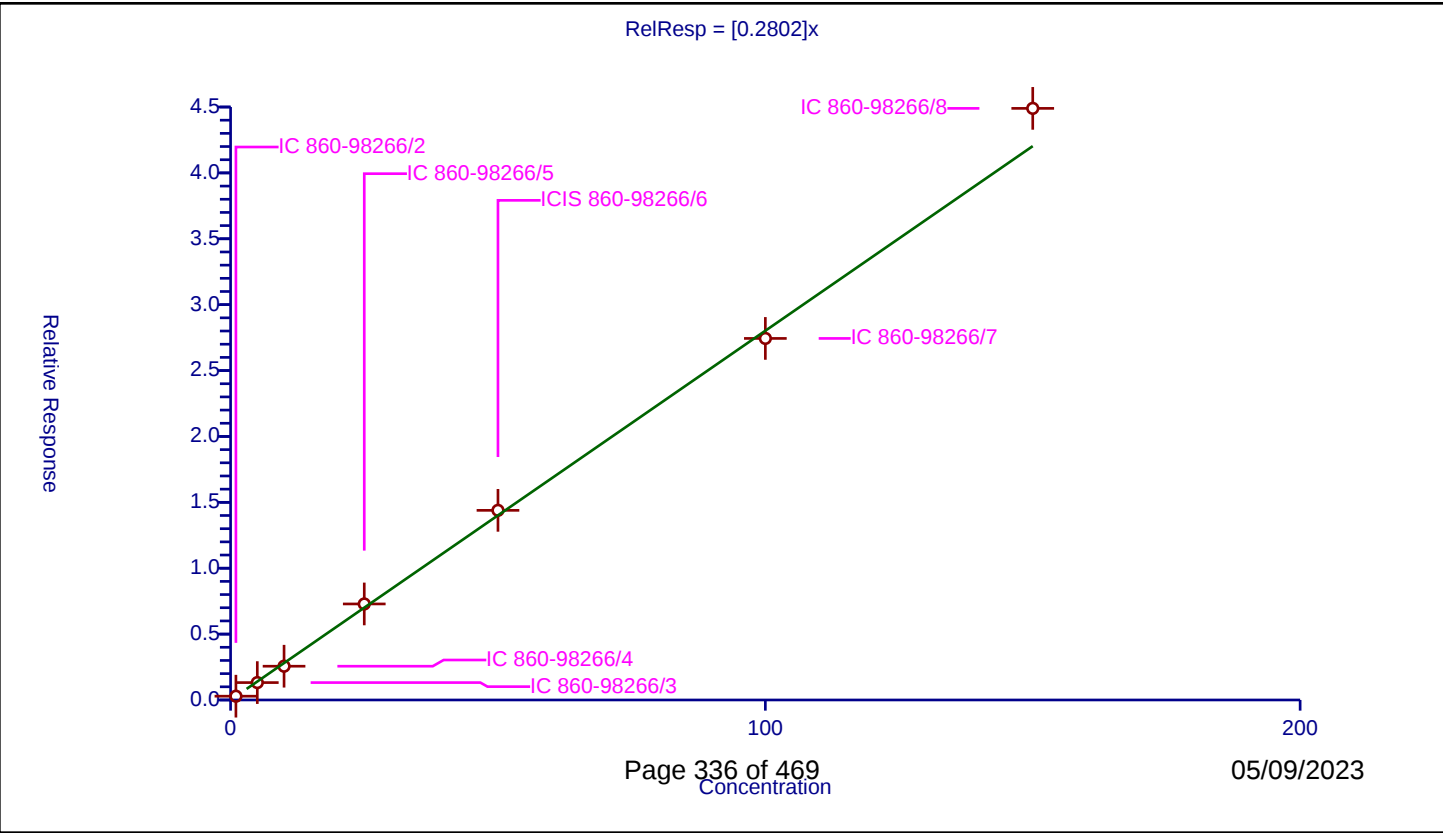
Calibration

/ 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:	0.2802
Error Coefficients	
Standard Error:	205000
Relative Standard Error:	5.6
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.288167	50.0	362116.0	0.288167	Y
2	IC 860-98266/3	5.0	1.319784	50.0	339639.0	0.263957	Y
3	IC 860-98266/4	10.0	2.563116	50.0	373081.0	0.256312	Y
4	IC 860-98266/5	25.0	7.287541	50.0	338077.0	0.291502	Y
5	ICIS 860-98266/6	50.0	14.391842	50.0	389422.0	0.287837	Y
6	IC 860-98266/7	100.0	27.438854	50.0	454363.0	0.274389	Y
7	IC 860-98266/8	150.0	44.897172	50.0	464272.0	0.299314	Y



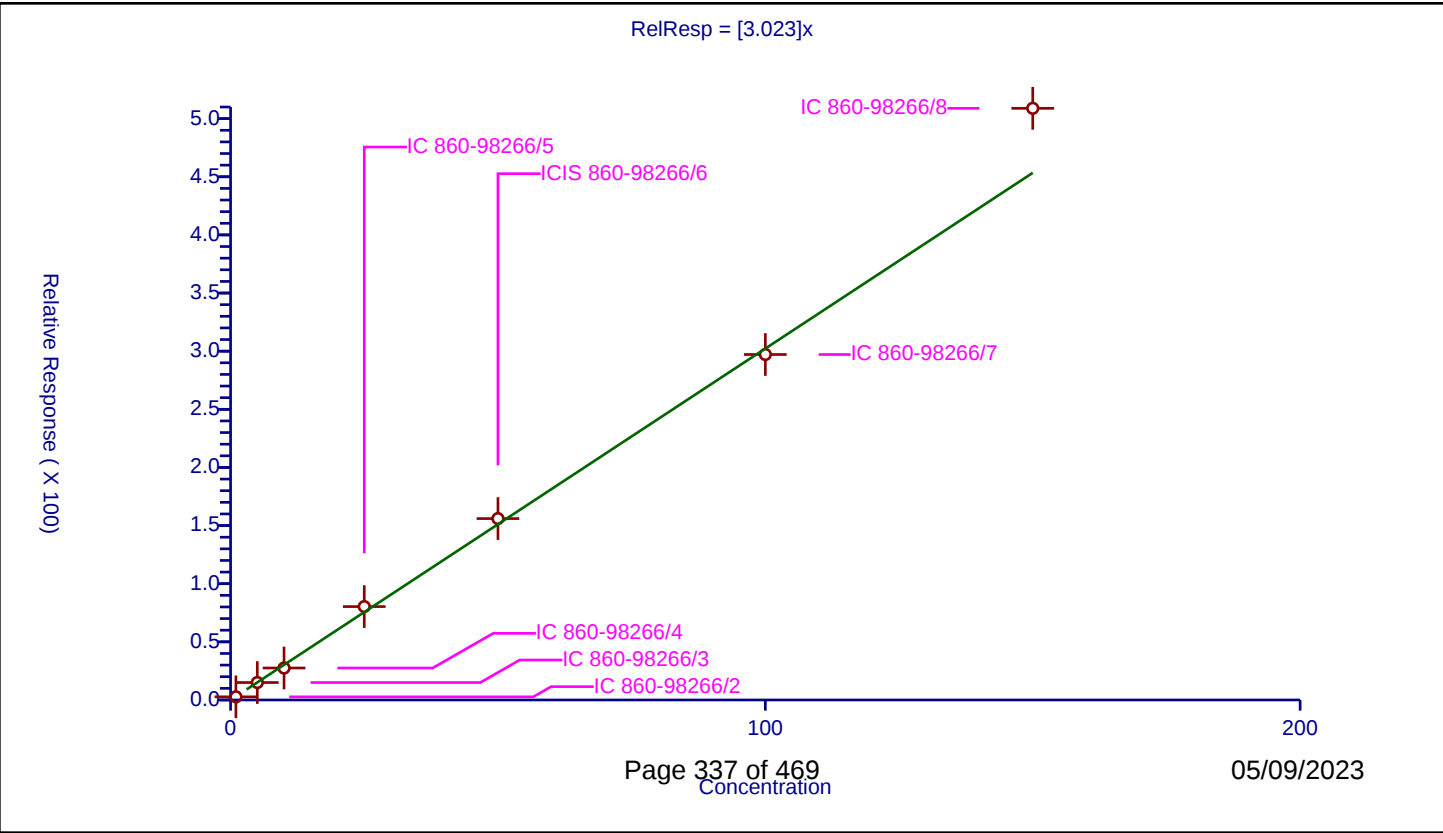
Calibration

/ 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:	3.023
Error Coefficients	
Standard Error:	2290000
Relative Standard Error:	8.1
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	2.7088	50.0	362116.0	2.7088	Y
2	IC 860-98266/3	5.0	15.000633	50.0	339639.0	3.000127	Y
3	IC 860-98266/4	10.0	27.51172	50.0	373081.0	2.751172	Y
4	IC 860-98266/5	25.0	80.335841	50.0	338077.0	3.213434	Y
5	ICIS 860-98266/6	50.0	156.026752	50.0	389422.0	3.120535	Y
6	IC 860-98266/7	100.0	297.131038	50.0	454363.0	2.97131	Y
7	IC 860-98266/8	150.0	508.883155	50.0	464272.0	3.392554	Y



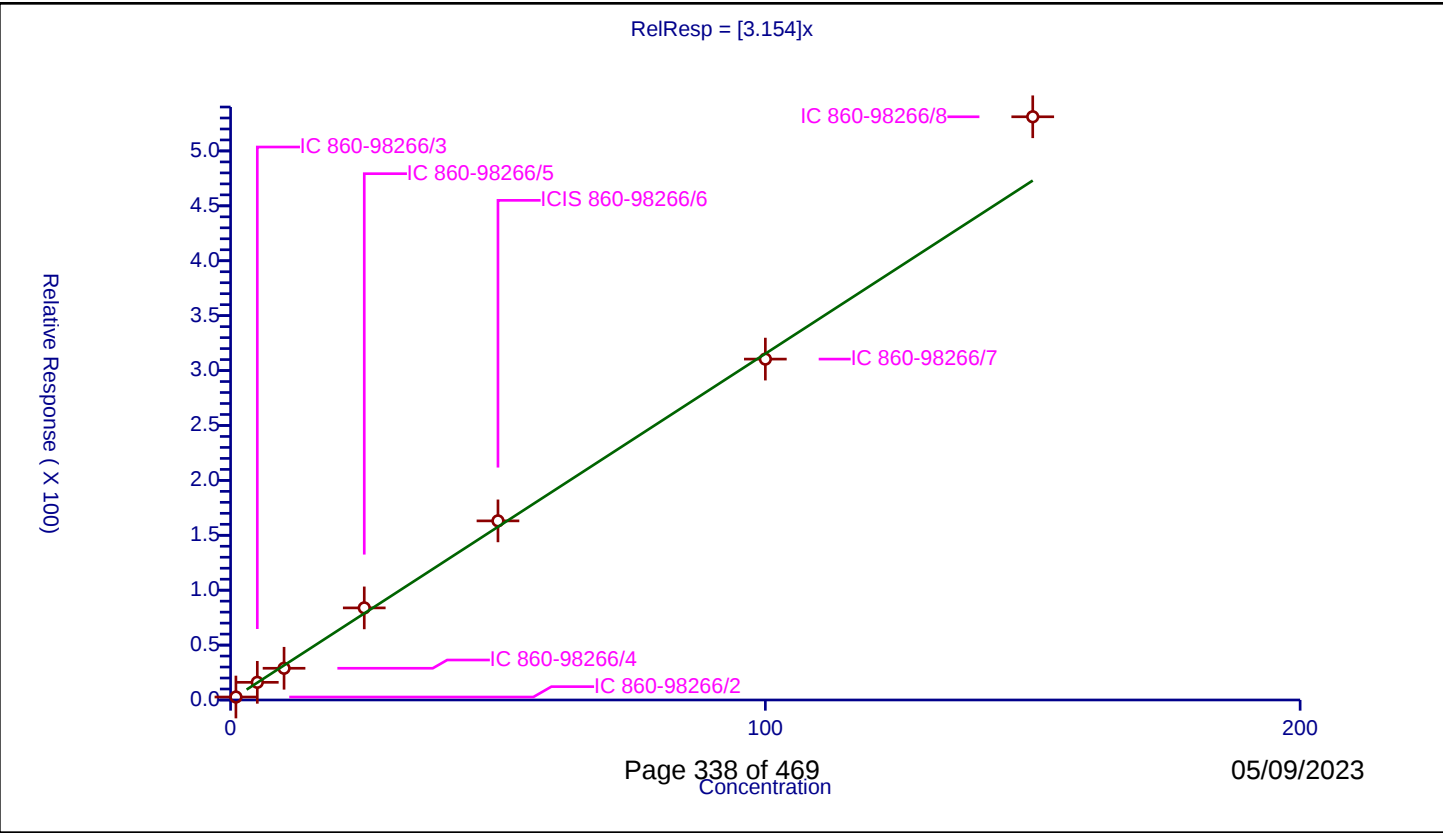
Calibration

/ 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:	3.154
Error Coefficients	
Standard Error:	2390000
Relative Standard Error:	8.9
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	2.707972	50.0	362116.0	2.707972	Y
2	IC 860-98266/3	5.0	16.080014	50.0	339639.0	3.216003	Y
3	IC 860-98266/4	10.0	28.89721	50.0	373081.0	2.889721	Y
4	IC 860-98266/5	25.0	83.858263	50.0	338077.0	3.354331	Y
5	ICIS 860-98266/6	50.0	163.098772	50.0	389422.0	3.261975	Y
6	IC 860-98266/7	100.0	310.441541	50.0	454363.0	3.104415	Y
7	IC 860-98266/8	150.0	531.110965	50.0	464272.0	3.54074	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

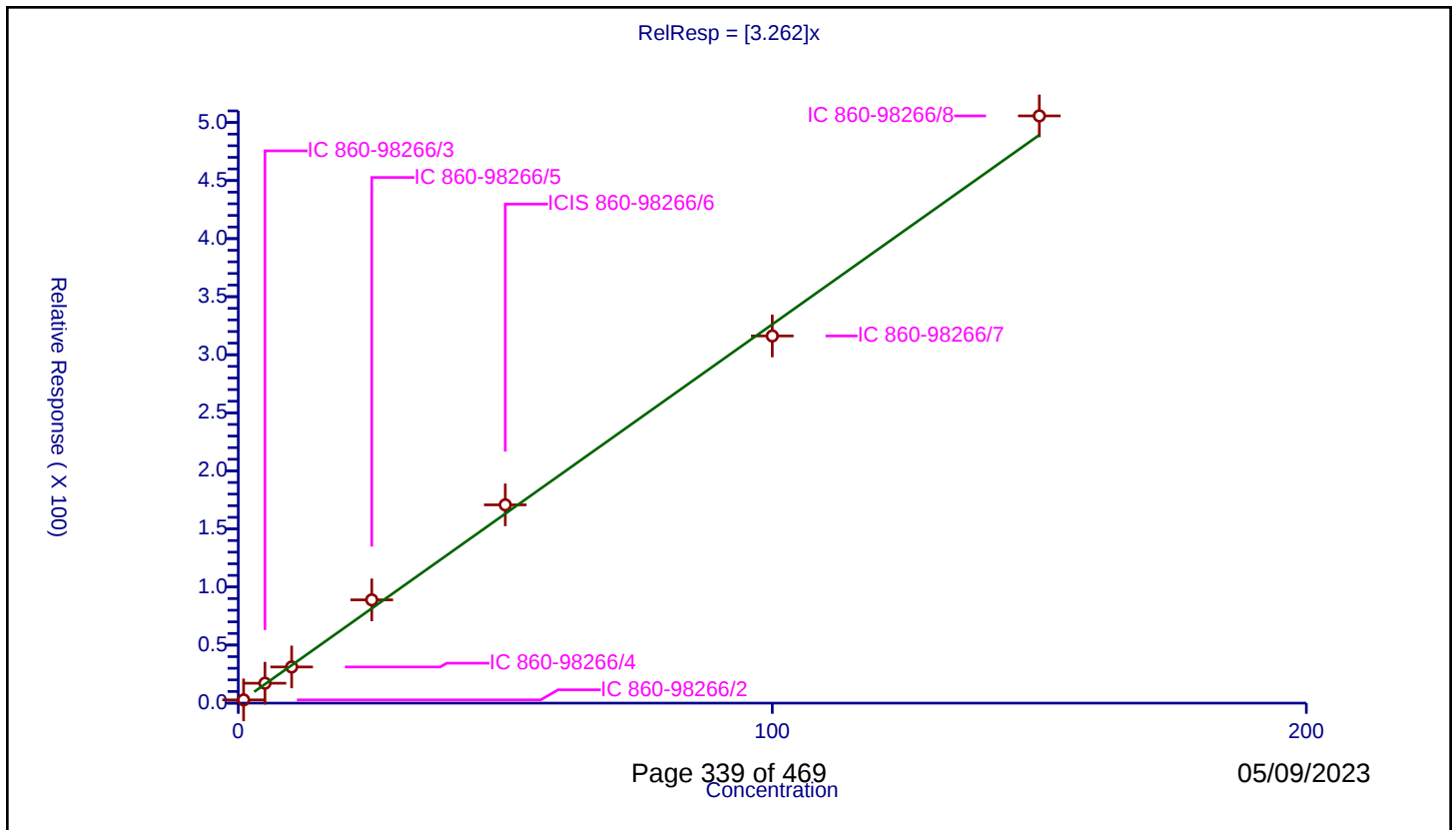
Curve Coefficients

Intercept: 0
Slope: 3.262

Error Coefficients

Standard Error: 2330000
Relative Standard Error: 8.0
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	2.786814	50.0	362116.0	2.786814	Y
2	IC 860-98266/3	5.0	17.139374	50.0	339639.0	3.427875	Y
3	IC 860-98266/4	10.0	31.12367	50.0	373081.0	3.112367	Y
4	IC 860-98266/5	25.0	88.929593	50.0	338077.0	3.557184	Y
5	ICIS 860-98266/6	50.0	170.745233	50.0	389422.0	3.414905	Y
6	IC 860-98266/7	100.0	316.189148	50.0	454363.0	3.161891	Y
7	IC 860-98266/8	150.0	505.690091	50.0	464272.0	3.371267	Y



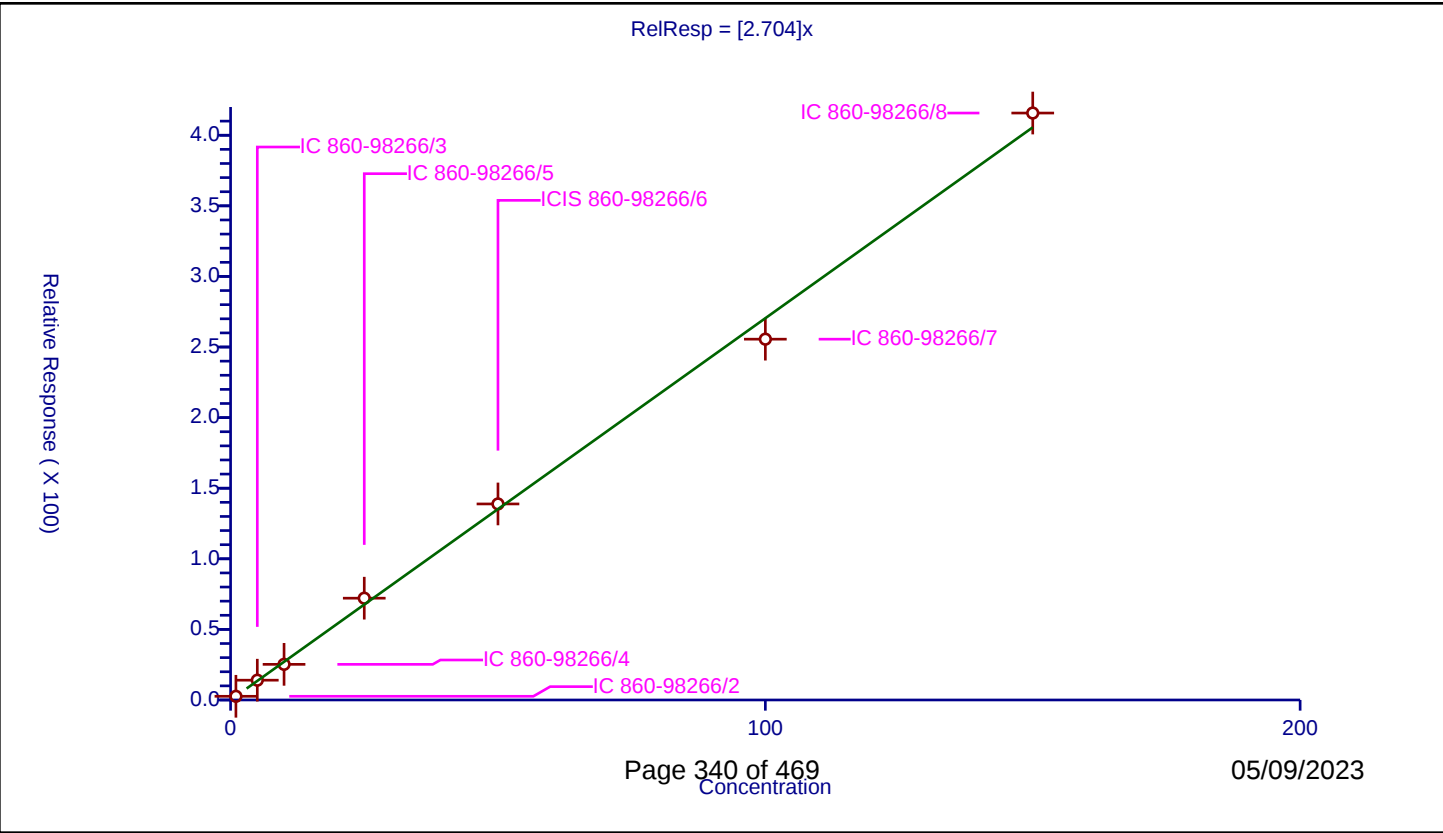
Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.704
Error Coefficients	
Standard Error:	1900000
Relative Standard Error:	5.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	2.61187	50.0	362116.0	2.61187	Y
2	IC 860-98266/3	5.0	14.019444	50.0	339639.0	2.803889	Y
3	IC 860-98266/4	10.0	25.237415	50.0	373081.0	2.523741	Y
4	IC 860-98266/5	25.0	72.103101	50.0	338077.0	2.884124	Y
5	ICIS 860-98266/6	50.0	138.85348	50.0	389422.0	2.77707	Y
6	IC 860-98266/7	100.0	255.562073	50.0	454363.0	2.555621	Y
7	IC 860-98266/8	150.0	415.724511	50.0	464272.0	2.771497	Y



Calibration

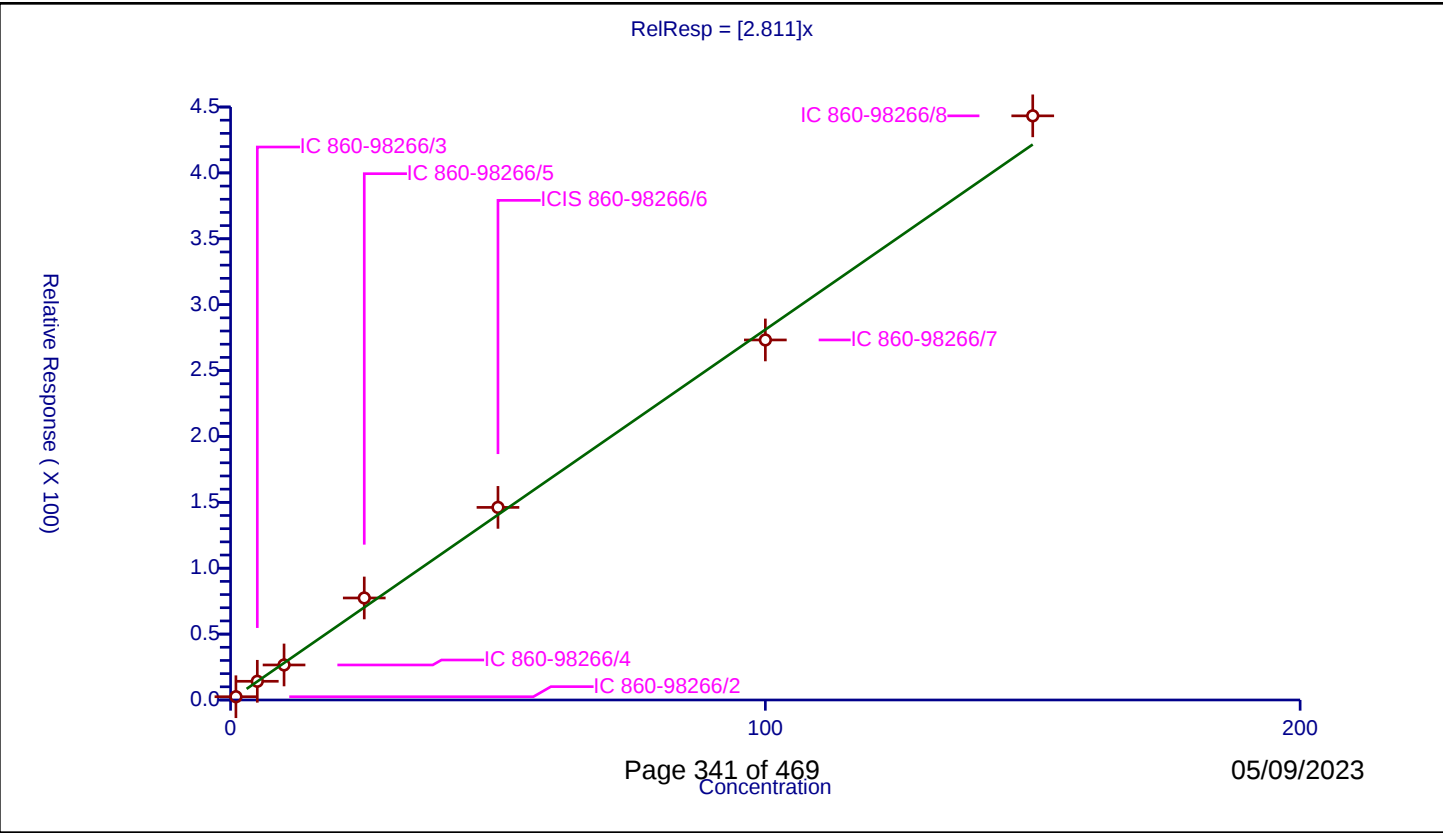
/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.811

Error Coefficients	
Standard Error:	2030000
Relative Standard Error:	7.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	2.471169	50.0	362116.0	2.471169	Y
2	IC 860-98266/3	5.0	14.188153	50.0	339639.0	2.837631	Y
3	IC 860-98266/4	10.0	26.580957	50.0	373081.0	2.658096	Y
4	IC 860-98266/5	25.0	77.413577	50.0	338077.0	3.096543	Y
5	ICIS 860-98266/6	50.0	146.165856	50.0	389422.0	2.923317	Y
6	IC 860-98266/7	100.0	273.221081	50.0	454363.0	2.732211	Y
7	IC 860-98266/8	150.0	443.293263	50.0	464272.0	2.955288	Y



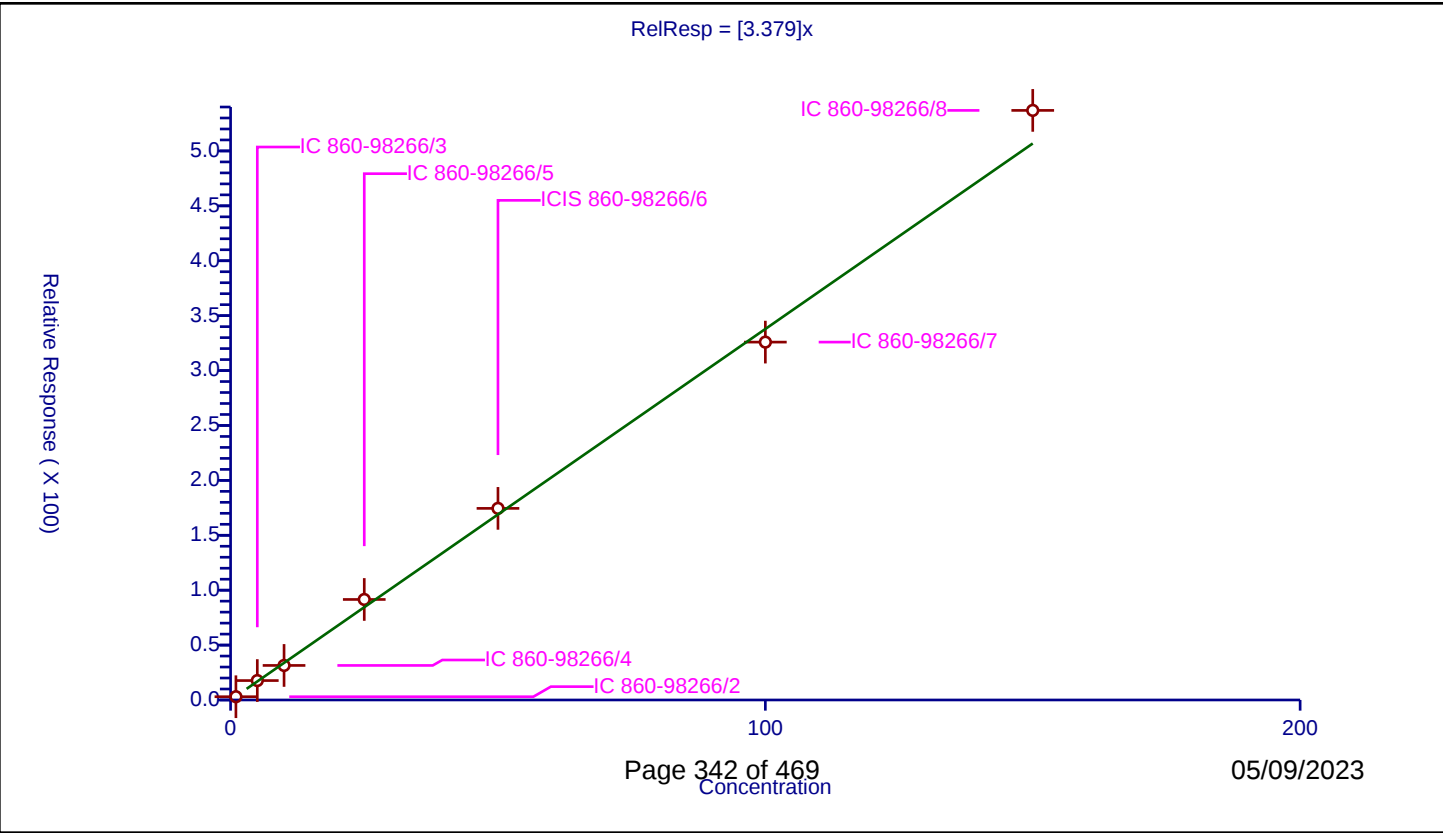
Calibration

/ 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:	3.379
Error Coefficients	
Standard Error:	2450000
Relative Standard Error:	7.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	2.977913	50.0	362116.0	2.977913	Y
2	IC 860-98266/3	5.0	17.687456	50.0	339639.0	3.537491	Y
3	IC 860-98266/4	10.0	31.448265	50.0	373081.0	3.144826	Y
4	IC 860-98266/5	25.0	91.539058	50.0	338077.0	3.661562	Y
5	ICIS 860-98266/6	50.0	174.504779	50.0	389422.0	3.490096	Y
6	IC 860-98266/7	100.0	325.906929	50.0	454363.0	3.259069	Y
7	IC 860-98266/8	150.0	536.908536	50.0	464272.0	3.57939	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

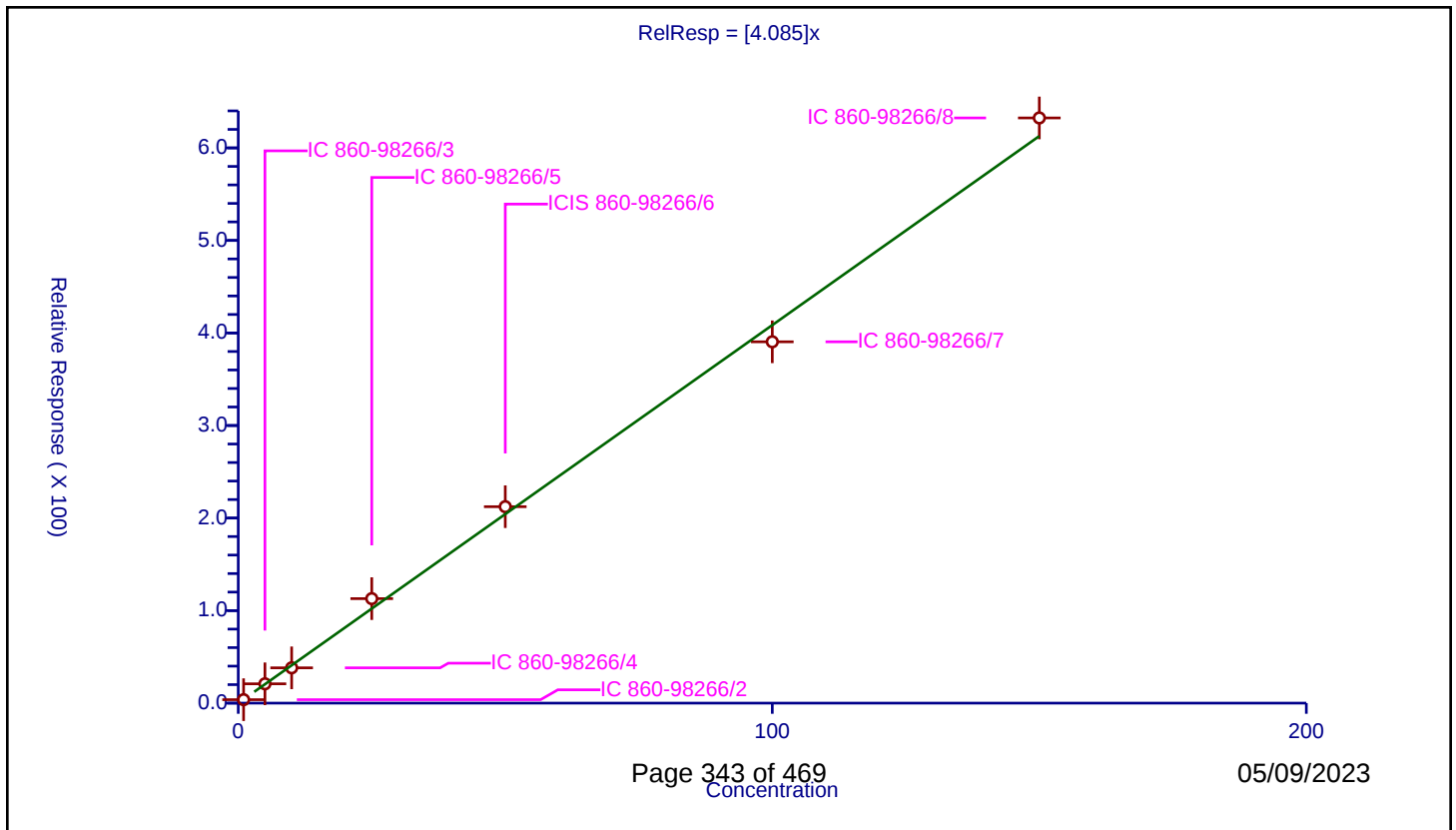
Curve Coefficients

Intercept: 0
Slope: 4.085

Error Coefficients

Standard Error: 2900000
Relative Standard Error: 6.9
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	3.720217	50.0	362116.0	3.720217	Y
2	IC 860-98266/3	5.0	20.883939	50.0	339639.0	4.176788	Y
3	IC 860-98266/4	10.0	38.152573	50.0	373081.0	3.815257	Y
4	IC 860-98266/5	25.0	112.923091	50.0	338077.0	4.516924	Y
5	ICIS 860-98266/6	50.0	212.290394	50.0	389422.0	4.245808	Y
6	IC 860-98266/7	100.0	390.470395	50.0	454363.0	3.904704	Y
7	IC 860-98266/8	150.0	632.38608	50.0	464272.0	4.215907	Y



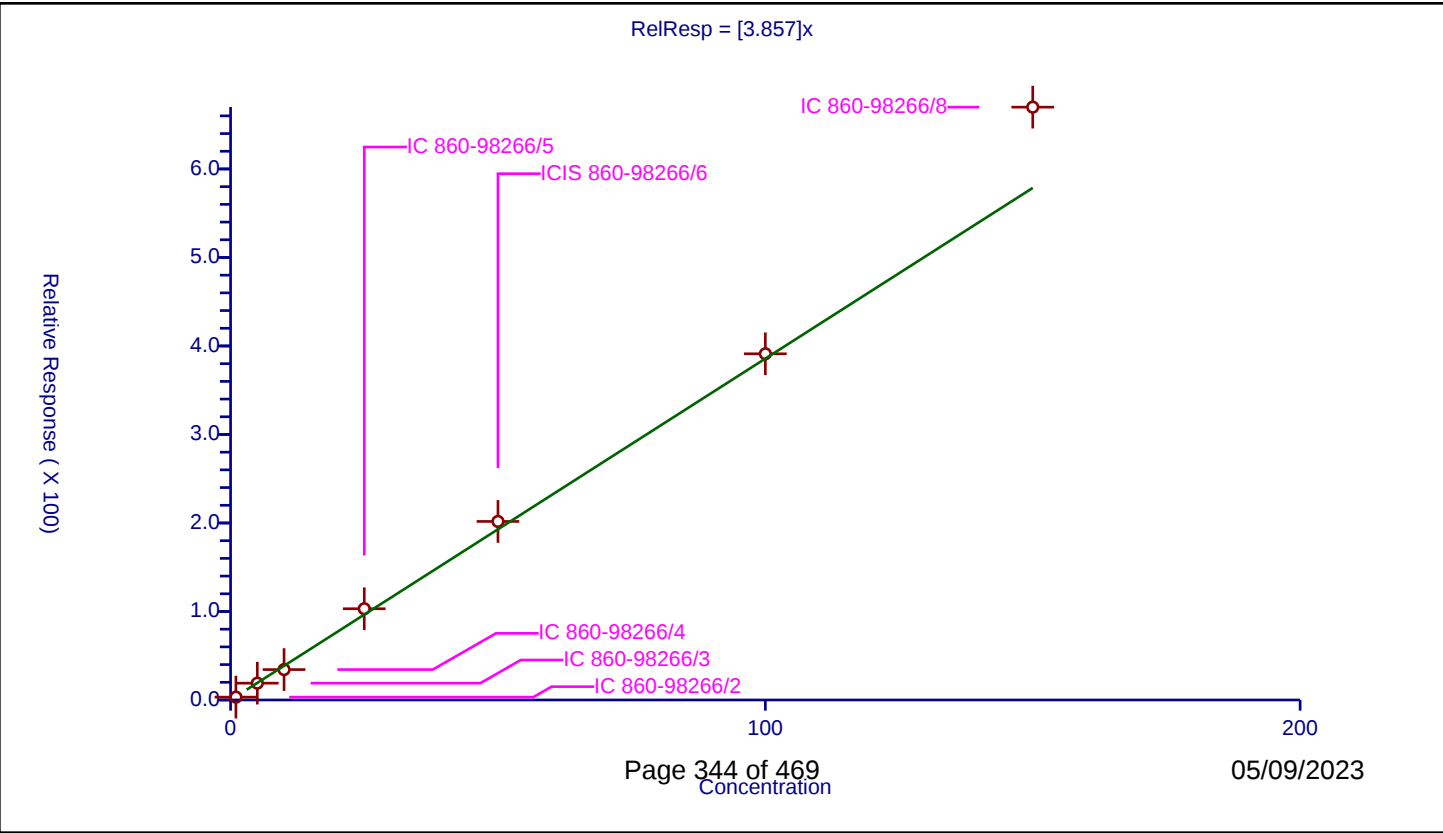
Calibration

/ 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:	3.857
Error Coefficients	
Standard Error:	3010000
Relative Standard Error:	10.9
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	3.22659	50.0	362116.0	3.22659	Y
2	IC 860-98266/3	5.0	19.010773	50.0	339639.0	3.802155	Y
3	IC 860-98266/4	10.0	34.355542	50.0	373081.0	3.435554	Y
4	IC 860-98266/5	25.0	103.106245	50.0	338077.0	4.12425	Y
5	ICIS 860-98266/6	50.0	201.752854	50.0	389422.0	4.035057	Y
6	IC 860-98266/7	100.0	391.170716	50.0	454363.0	3.911707	Y
7	IC 860-98266/8	150.0	669.861417	50.0	464272.0	4.465743	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

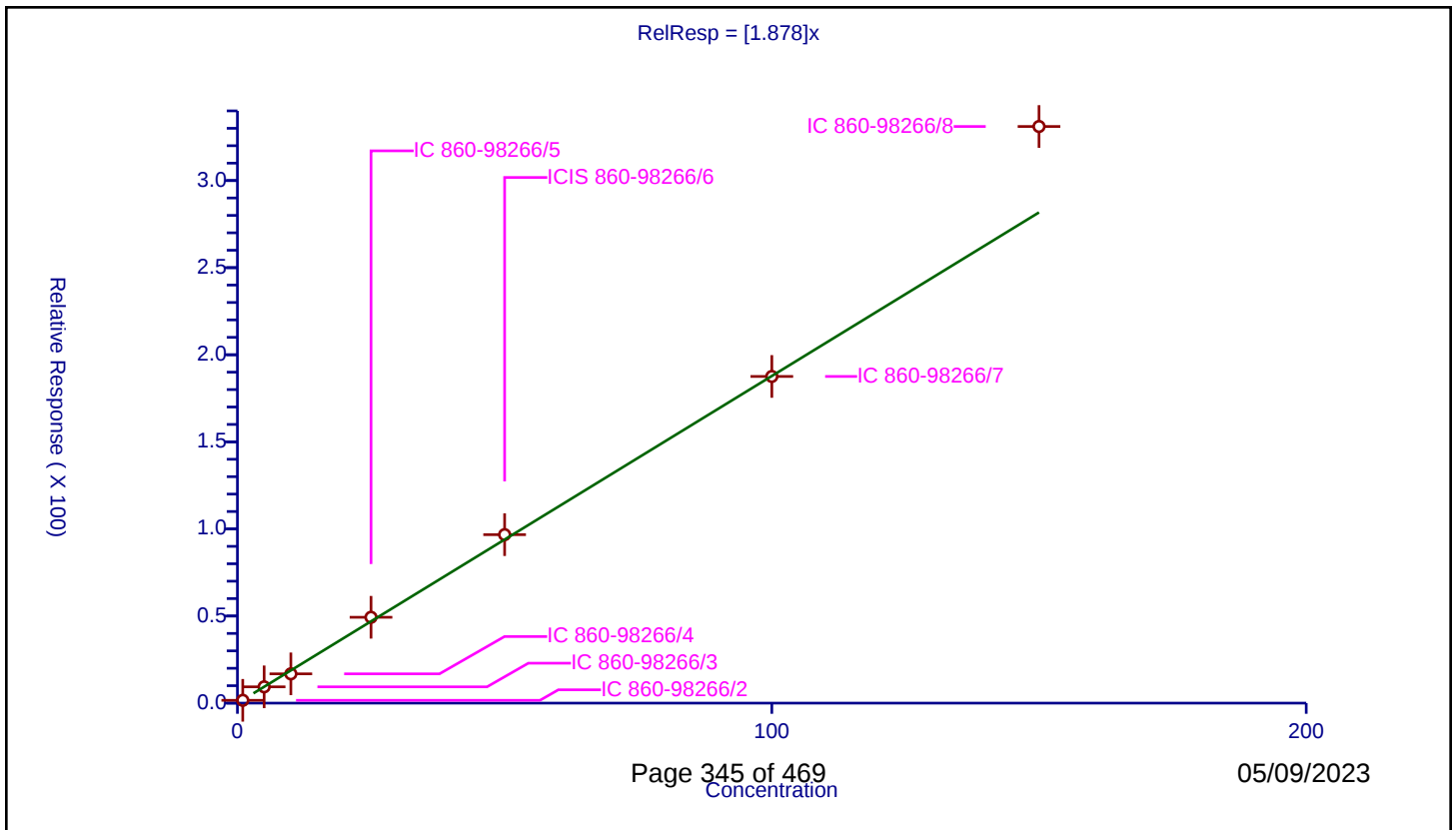
Curve Coefficients

Intercept: 0
Slope: 1.878

Error Coefficients

Standard Error: 1470000
Relative Standard Error: 10.5
Correlation Coefficient: 0.986
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.607082	50.0	362116.0	1.607082	Y
2	IC 860-98266/3	5.0	9.350222	50.0	339639.0	1.870044	Y
3	IC 860-98266/4	10.0	16.812301	50.0	373081.0	1.68123	Y
4	IC 860-98266/5	25.0	49.280489	50.0	338077.0	1.97122	Y
5	ICIS 860-98266/6	50.0	96.722193	50.0	389422.0	1.934444	Y
6	IC 860-98266/7	100.0	187.546631	50.0	454363.0	1.875466	Y
7	IC 860-98266/8	150.0	331.043763	50.0	464272.0	2.206958	Y



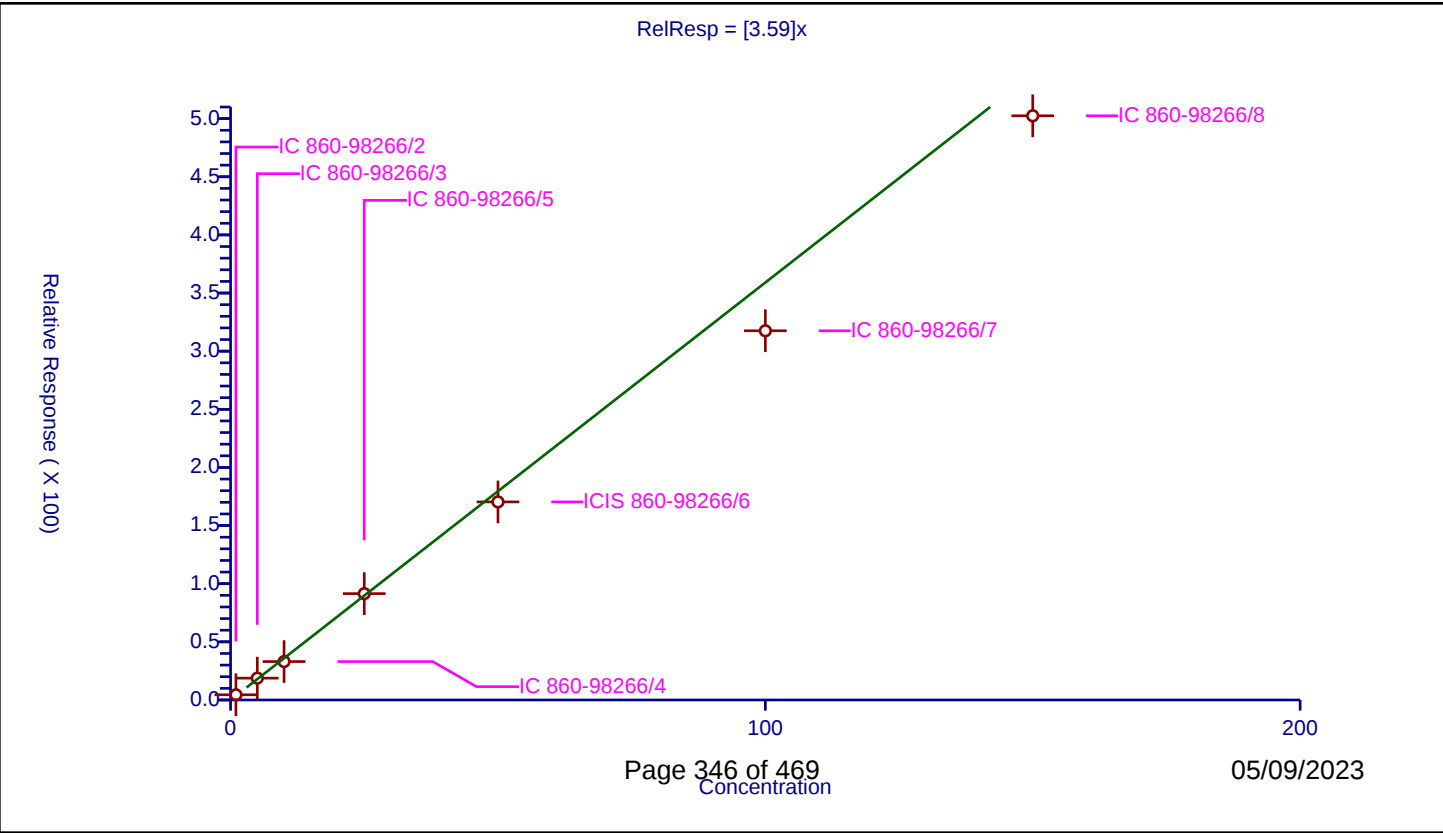
Calibration

/ Dicyclopentadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.59
Error Coefficients	
Standard Error:	2320000
Relative Standard Error:	12.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	4.477709	50.0	362116.0	4.477709	Y
2	IC 860-98266/3	5.0	18.797017	50.0	339639.0	3.759403	Y
3	IC 860-98266/4	10.0	33.038536	50.0	373081.0	3.303854	Y
4	IC 860-98266/5	25.0	91.469843	50.0	338077.0	3.658794	Y
5	ICIS 860-98266/6	50.0	170.371345	50.0	389422.0	3.407427	Y
6	IC 860-98266/7	100.0	317.548414	50.0	454363.0	3.175484	Y
7	IC 860-98266/8	150.0	502.45018	50.0	464272.0	3.349668	Y



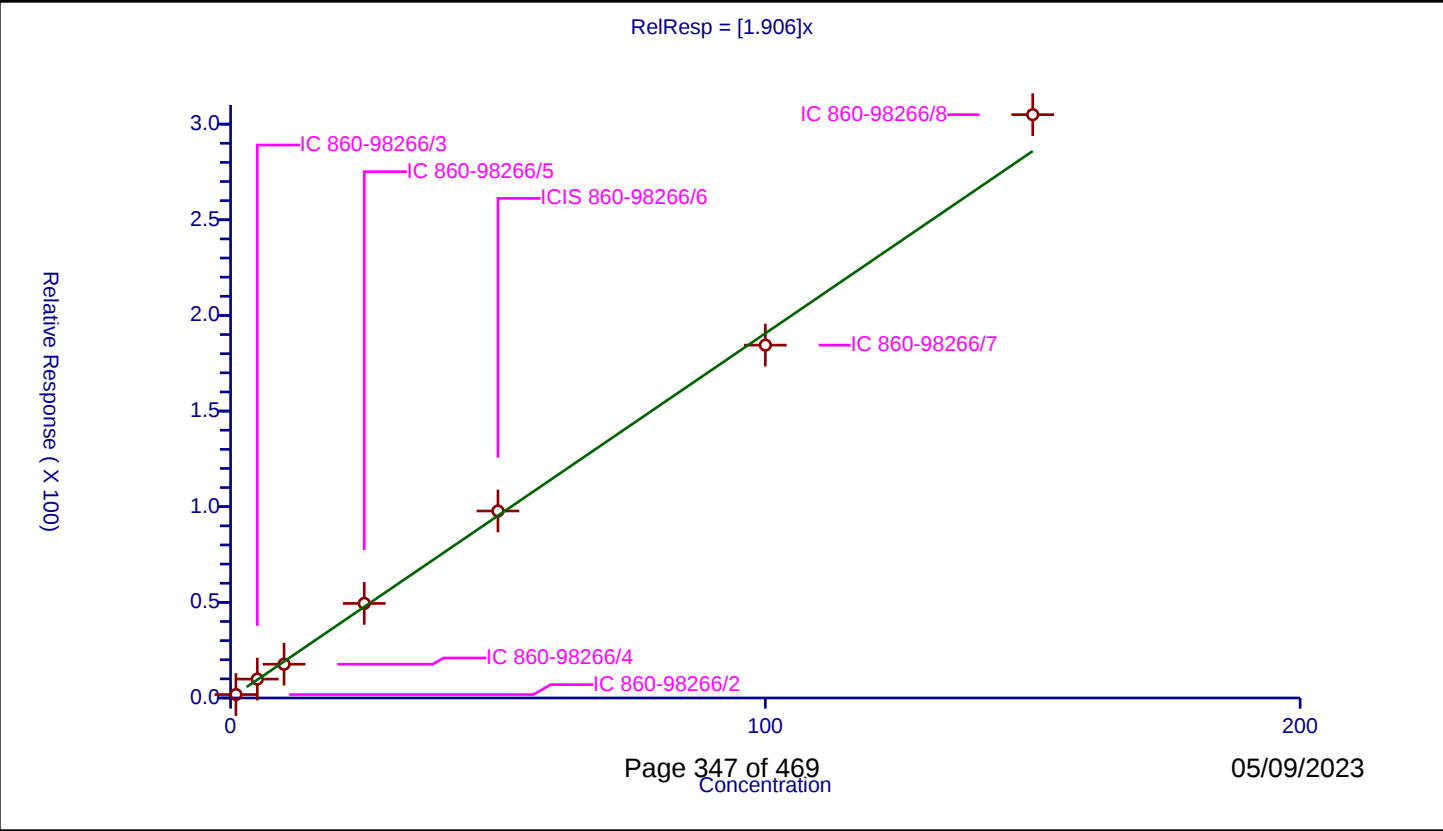
Calibration

/ 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:	1.906
Error Coefficients	
Standard Error:	1390000
Relative Standard Error:	5.5
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.790172	50.0	362116.0	1.790172	Y
2	IC 860-98266/3	5.0	9.882846	50.0	339639.0	1.976569	Y
3	IC 860-98266/4	10.0	17.653807	50.0	373081.0	1.765381	Y
4	IC 860-98266/5	25.0	49.445984	50.0	338077.0	1.977839	Y
5	ICIS 860-98266/6	50.0	97.754749	50.0	389422.0	1.955095	Y
6	IC 860-98266/7	100.0	184.481021	50.0	454363.0	1.84481	Y
7	IC 860-98266/8	150.0	304.964547	50.0	464272.0	2.033097	Y



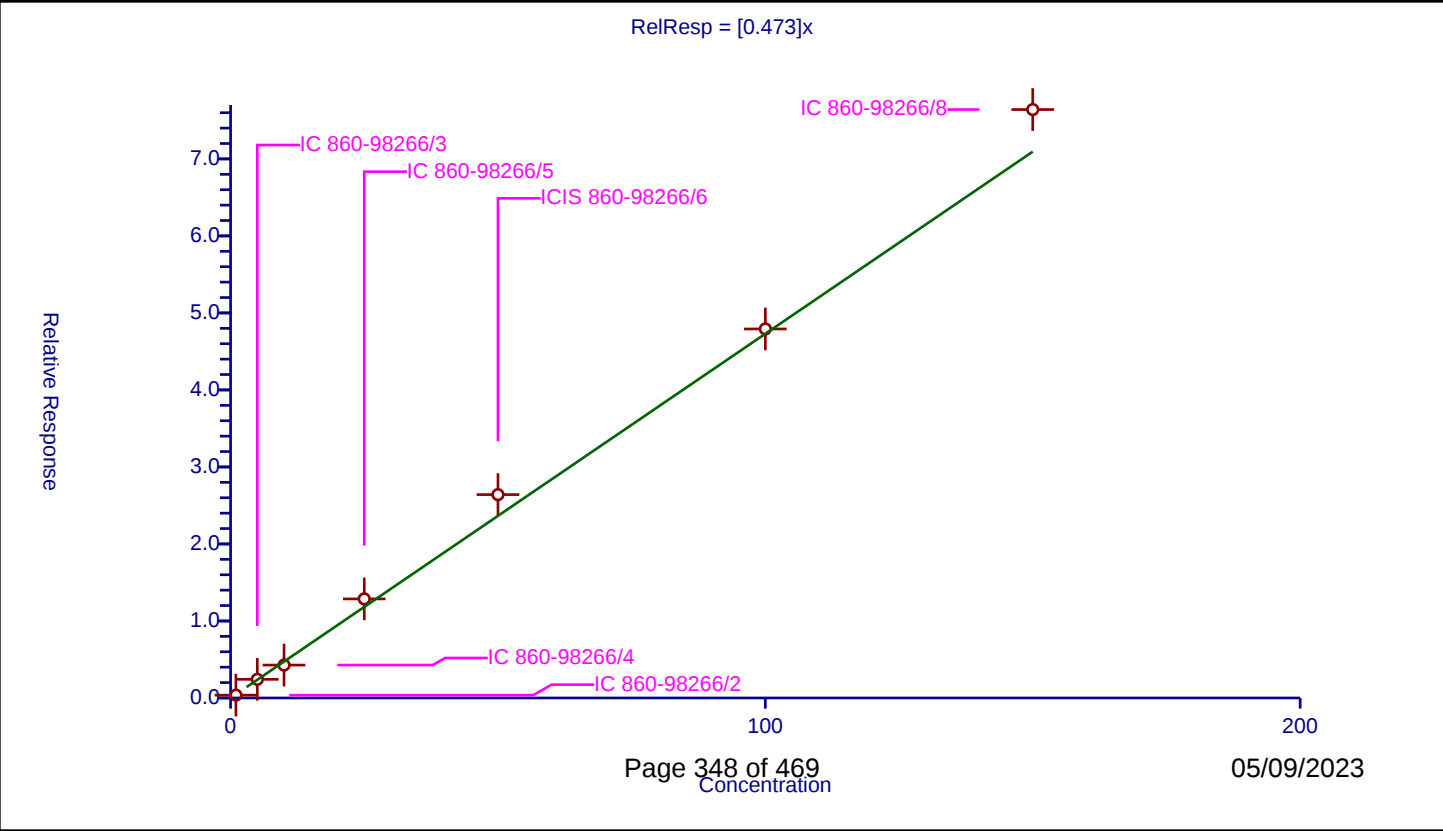
Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.473
Error Coefficients	
Standard Error:	352000
Relative Standard Error:	12.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.367286	50.0	362116.0	0.367286	Y
2	IC 860-98266/3	5.0	2.423455	50.0	339639.0	0.484691	Y
3	IC 860-98266/4	10.0	4.273201	50.0	373081.0	0.42732	Y
4	IC 860-98266/5	25.0	12.866004	50.0	338077.0	0.51464	Y
5	ICIS 860-98266/6	50.0	26.407599	50.0	389422.0	0.528152	Y
6	IC 860-98266/7	100.0	47.920275	50.0	454363.0	0.479203	Y
7	IC 860-98266/8	150.0	76.410596	50.0	464272.0	0.509404	Y



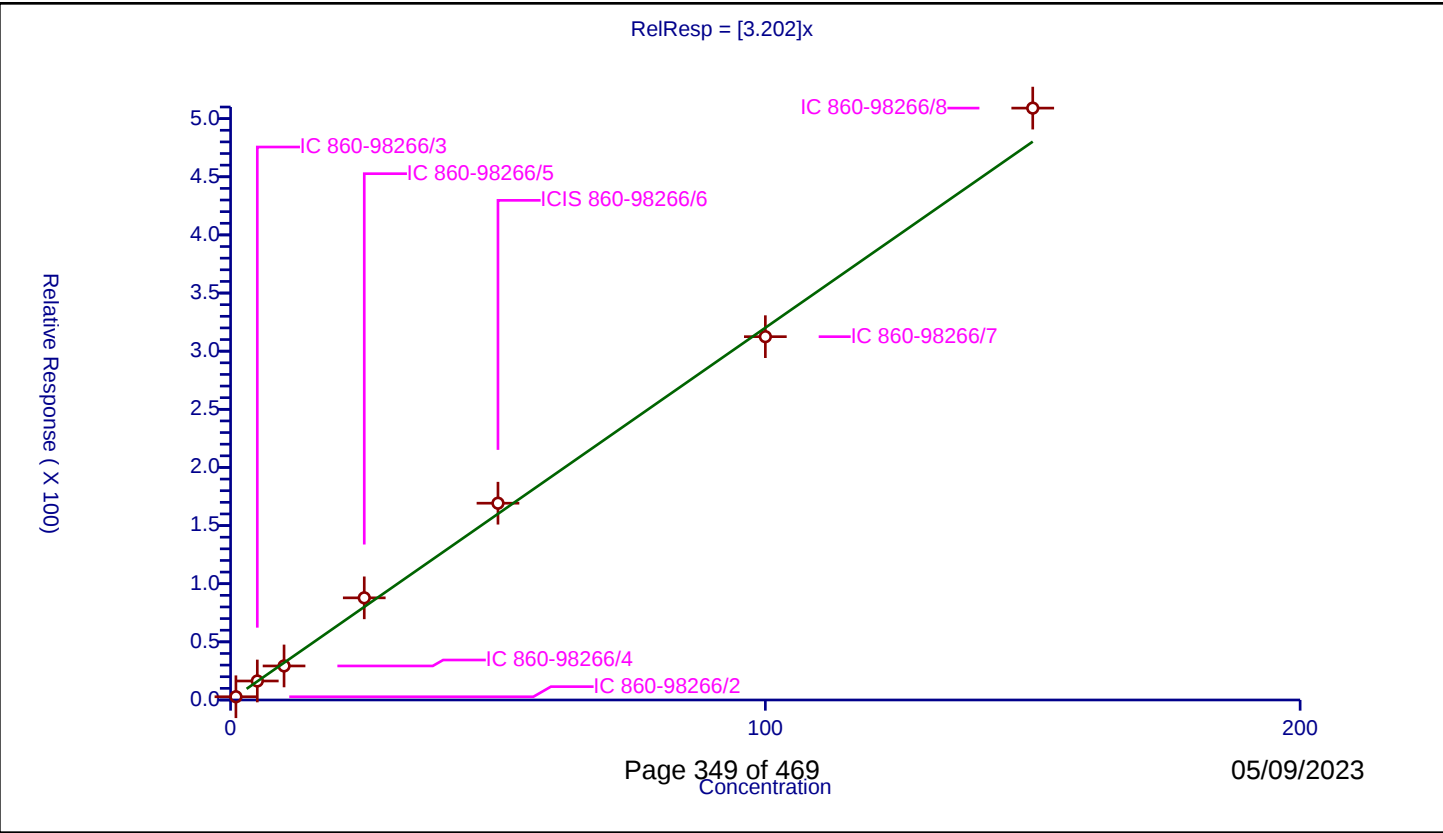
Calibration

/ 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:	3.202
Error Coefficients	
Standard Error:	2330000
Relative Standard Error:	8.2
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	2.797446	50.0	362116.0	2.797446	Y
2	IC 860-98266/3	5.0	16.33558	50.0	339639.0	3.267116	Y
3	IC 860-98266/4	10.0	29.286	50.0	373081.0	2.9286	Y
4	IC 860-98266/5	25.0	87.862085	50.0	338077.0	3.514483	Y
5	ICIS 860-98266/6	50.0	169.256103	50.0	389422.0	3.385122	Y
6	IC 860-98266/7	100.0	312.472296	50.0	454363.0	3.124723	Y
7	IC 860-98266/8	150.0	509.048683	50.0	464272.0	3.393658	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

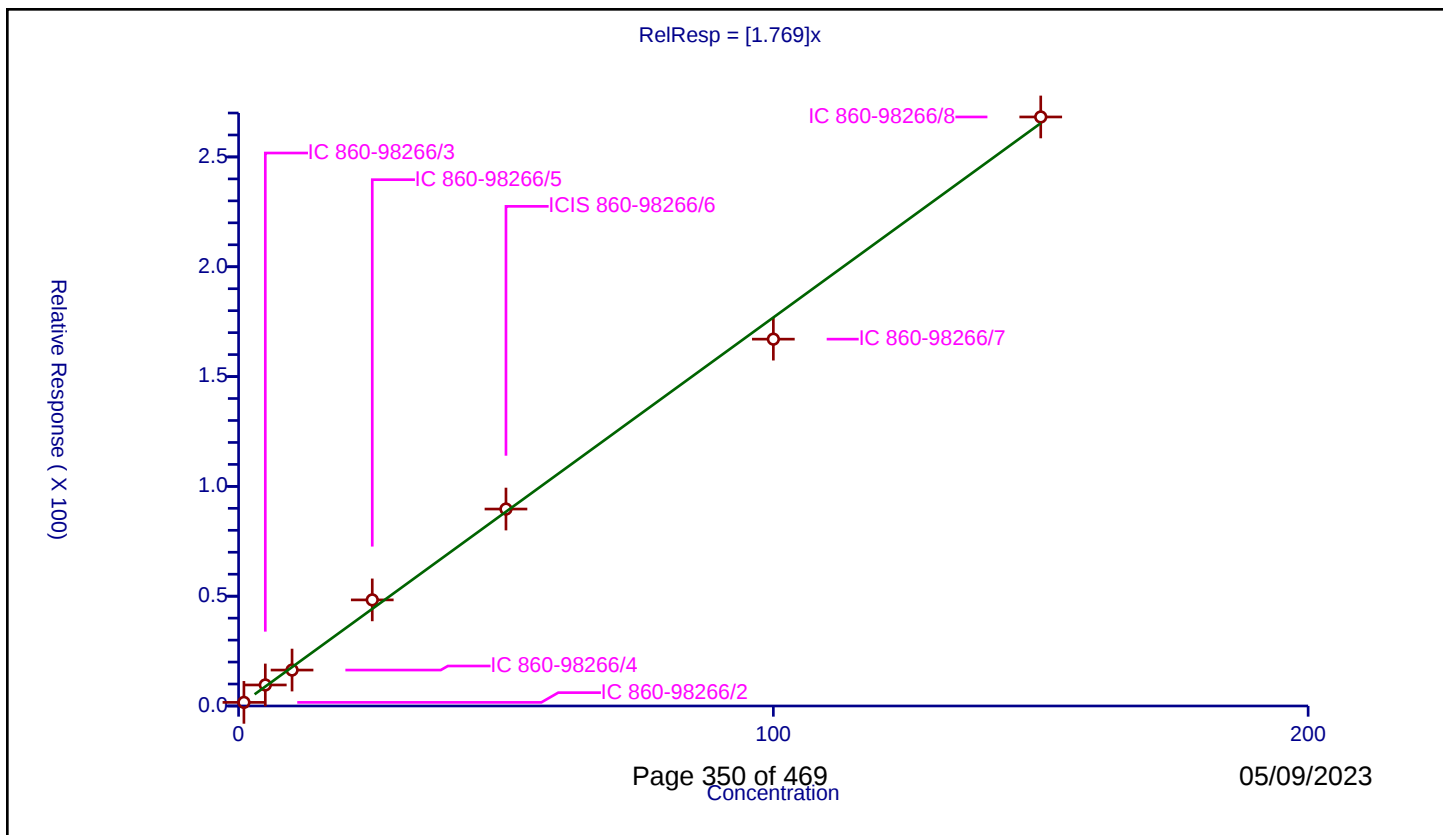
Curve Coefficients

Intercept: 0
Slope: 1.769

Error Coefficients

Standard Error: 1230000
Relative Standard Error: 6.9
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	1.649057	50.0	362116.0	1.649057	Y
2	IC 860-98266/3	5.0	9.57075	50.0	339639.0	1.91415	Y
3	IC 860-98266/4	10.0	16.358646	50.0	373081.0	1.635865	Y
4	IC 860-98266/5	25.0	48.312219	50.0	338077.0	1.932489	Y
5	ICIS 860-98266/6	50.0	89.675725	50.0	389422.0	1.793514	Y
6	IC 860-98266/7	100.0	167.031867	50.0	454363.0	1.670319	Y
7	IC 860-98266/8	150.0	268.199676	50.0	464272.0	1.787998	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

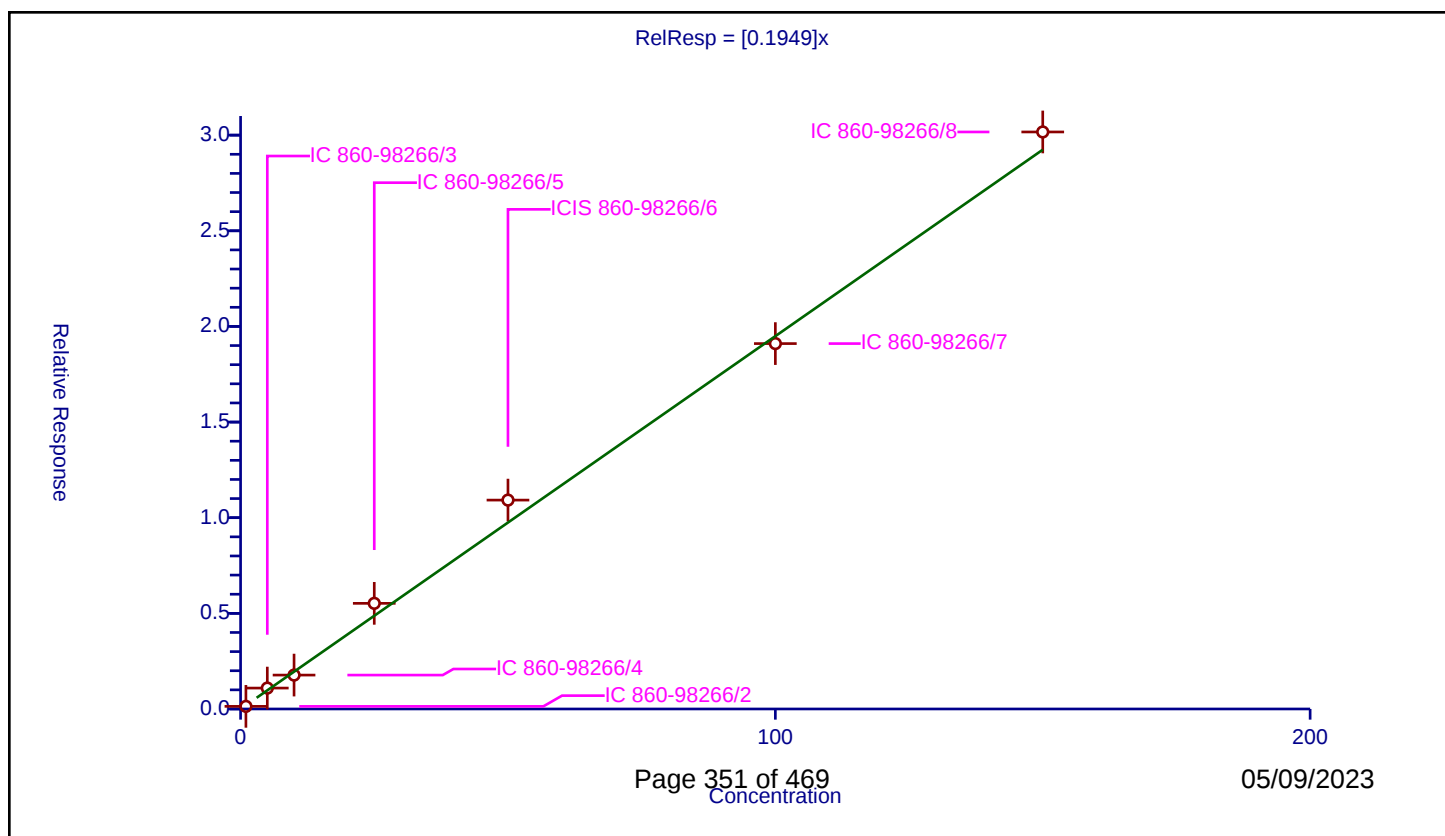
Curve Coefficients

Intercept: 0
Slope: 0.1949

Error Coefficients

Standard Error: 140000
Relative Standard Error: 15.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.136973	50.0	362116.0	0.136973	Y
2	IC 860-98266/3	5.0	1.093514	50.0	339639.0	0.218703	Y
3	IC 860-98266/4	10.0	1.772403	50.0	373081.0	0.17724	Y
4	IC 860-98266/5	25.0	5.523298	50.0	338077.0	0.220932	Y
5	ICIS 860-98266/6	50.0	10.920929	50.0	389422.0	0.218419	Y
6	IC 860-98266/7	100.0	19.103008	50.0	454363.0	0.19103	Y
7	IC 860-98266/8	150.0	30.16583	50.0	464272.0	0.201106	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

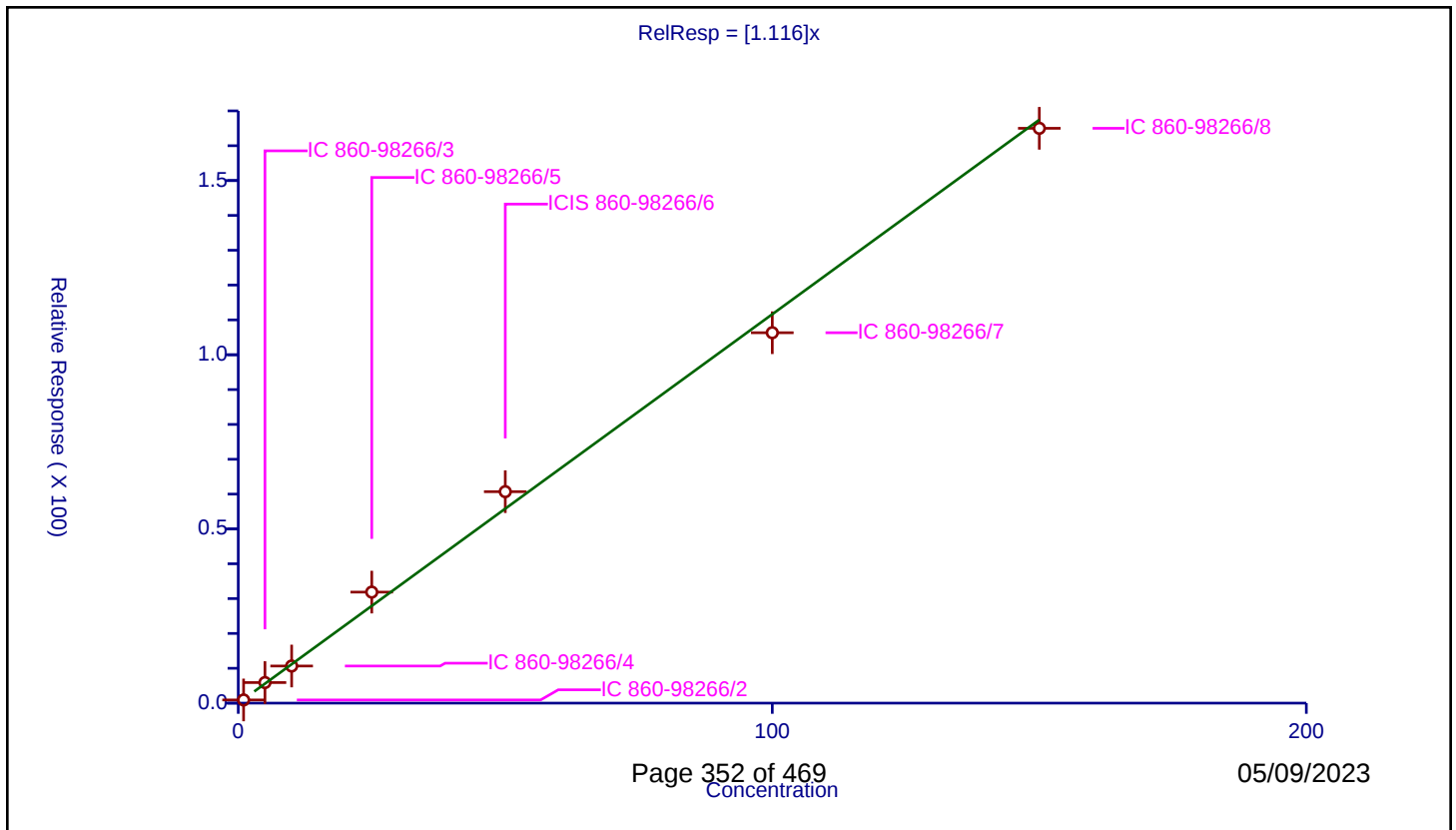
Curve Coefficients

Intercept: 0
Slope: 1.116

Error Coefficients

Standard Error: 770000
Relative Standard Error: 10.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.916005	50.0	362116.0	0.916005	Y
2	IC 860-98266/3	5.0	5.905241	50.0	339639.0	1.181048	Y
3	IC 860-98266/4	10.0	10.652244	50.0	373081.0	1.065224	Y
4	IC 860-98266/5	25.0	31.868628	50.0	338077.0	1.274745	Y
5	ICIS 860-98266/6	50.0	60.698677	50.0	389422.0	1.213974	Y
6	IC 860-98266/7	100.0	106.322258	50.0	454363.0	1.063223	Y
7	IC 860-98266/8	150.0	165.003382	50.0	464272.0	1.100023	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

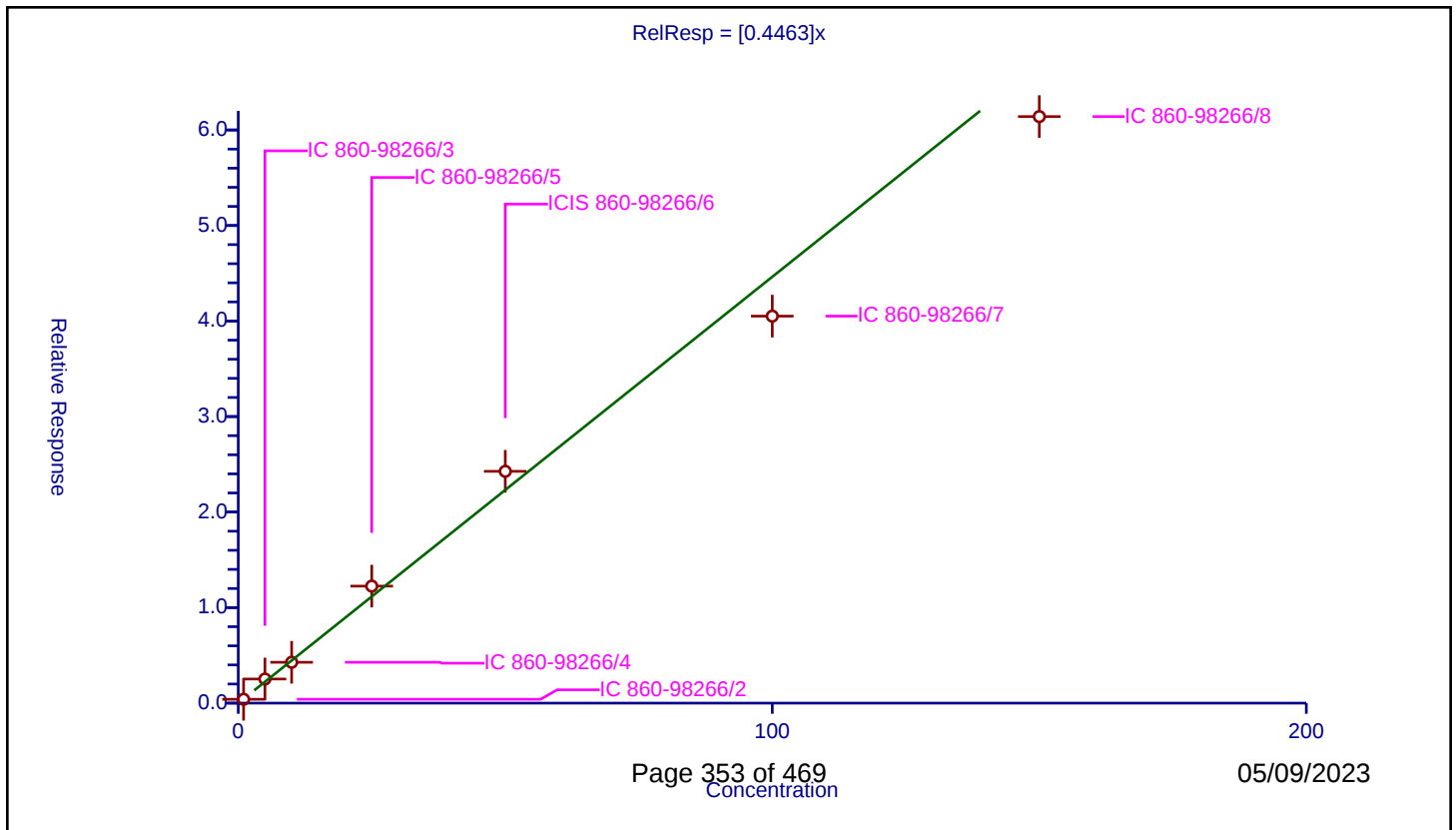
Curve Coefficients

Intercept: 0
Slope: 0.4463

Error Coefficients

Standard Error: 290000
Relative Standard Error: 10.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.402081	50.0	362116.0	0.402081	Y
2	IC 860-98266/3	5.0	2.523415	50.0	339639.0	0.504683	Y
3	IC 860-98266/4	10.0	4.274675	50.0	373081.0	0.427467	Y
4	IC 860-98266/5	25.0	12.249133	50.0	338077.0	0.489965	Y
5	ICIS 860-98266/6	50.0	24.267633	50.0	389422.0	0.485353	Y
6	IC 860-98266/7	100.0	40.513092	50.0	454363.0	0.405131	Y
7	IC 860-98266/8	150.0	61.402583	50.0	464272.0	0.409351	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

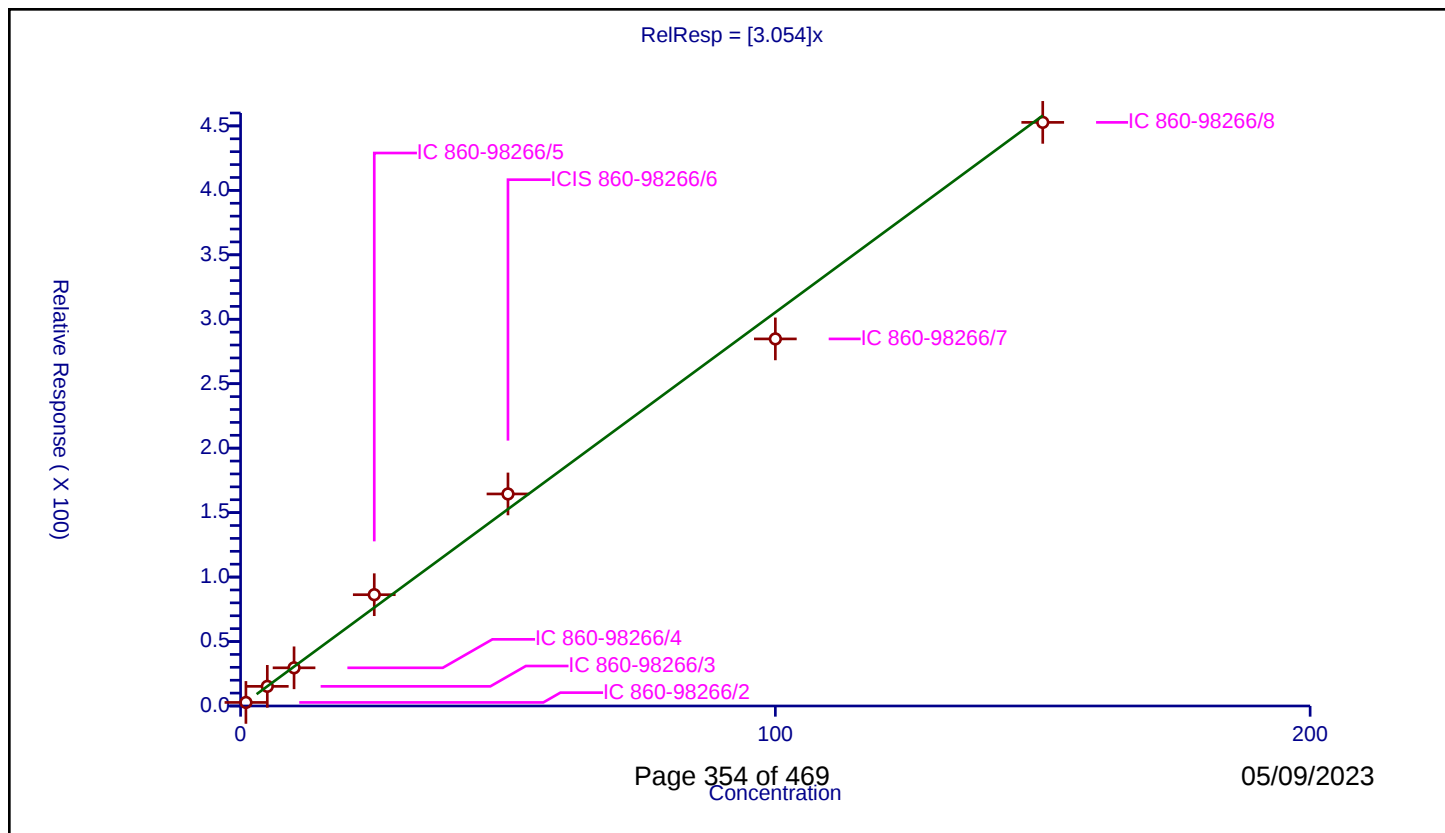
Curve Coefficients

Intercept: 0
Slope: 3.054

Error Coefficients

Standard Error: 2100000
Relative Standard Error: 8.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	2.75478	50.0	362116.0	2.75478	Y
2	IC 860-98266/3	5.0	15.245305	50.0	339639.0	3.049061	Y
3	IC 860-98266/4	10.0	29.618099	50.0	373081.0	2.96181	Y
4	IC 860-98266/5	25.0	86.339207	50.0	338077.0	3.453568	Y
5	ICIS 860-98266/6	50.0	164.486085	50.0	389422.0	3.289722	Y
6	IC 860-98266/7	100.0	284.75415	50.0	454363.0	2.847542	Y
7	IC 860-98266/8	150.0	452.743758	50.0	464272.0	3.018292	Y



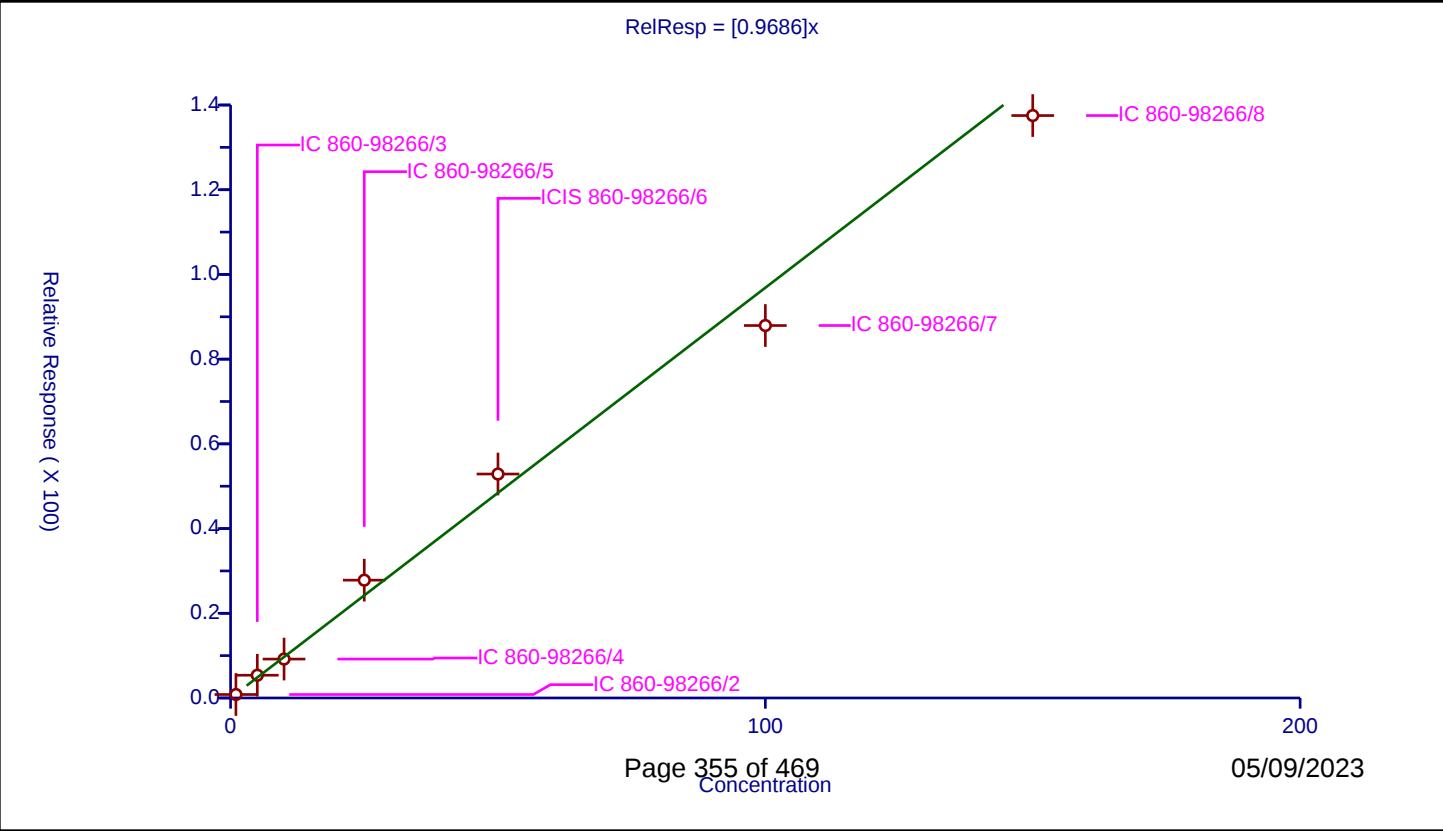
Calibration

/ 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:	0.9686
Error Coefficients	
Standard Error:	643000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.821284	50.0	362116.0	0.821284	Y
2	IC 860-98266/3	5.0	5.370997	50.0	339639.0	1.074199	Y
3	IC 860-98266/4	10.0	9.186745	50.0	373081.0	0.918674	Y
4	IC 860-98266/5	25.0	27.818219	50.0	338077.0	1.112729	Y
5	ICIS 860-98266/6	50.0	52.874388	50.0	389422.0	1.057488	Y
6	IC 860-98266/7	100.0	87.937948	50.0	454363.0	0.879379	Y
7	IC 860-98266/8	150.0	137.514539	50.0	464272.0	0.916764	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

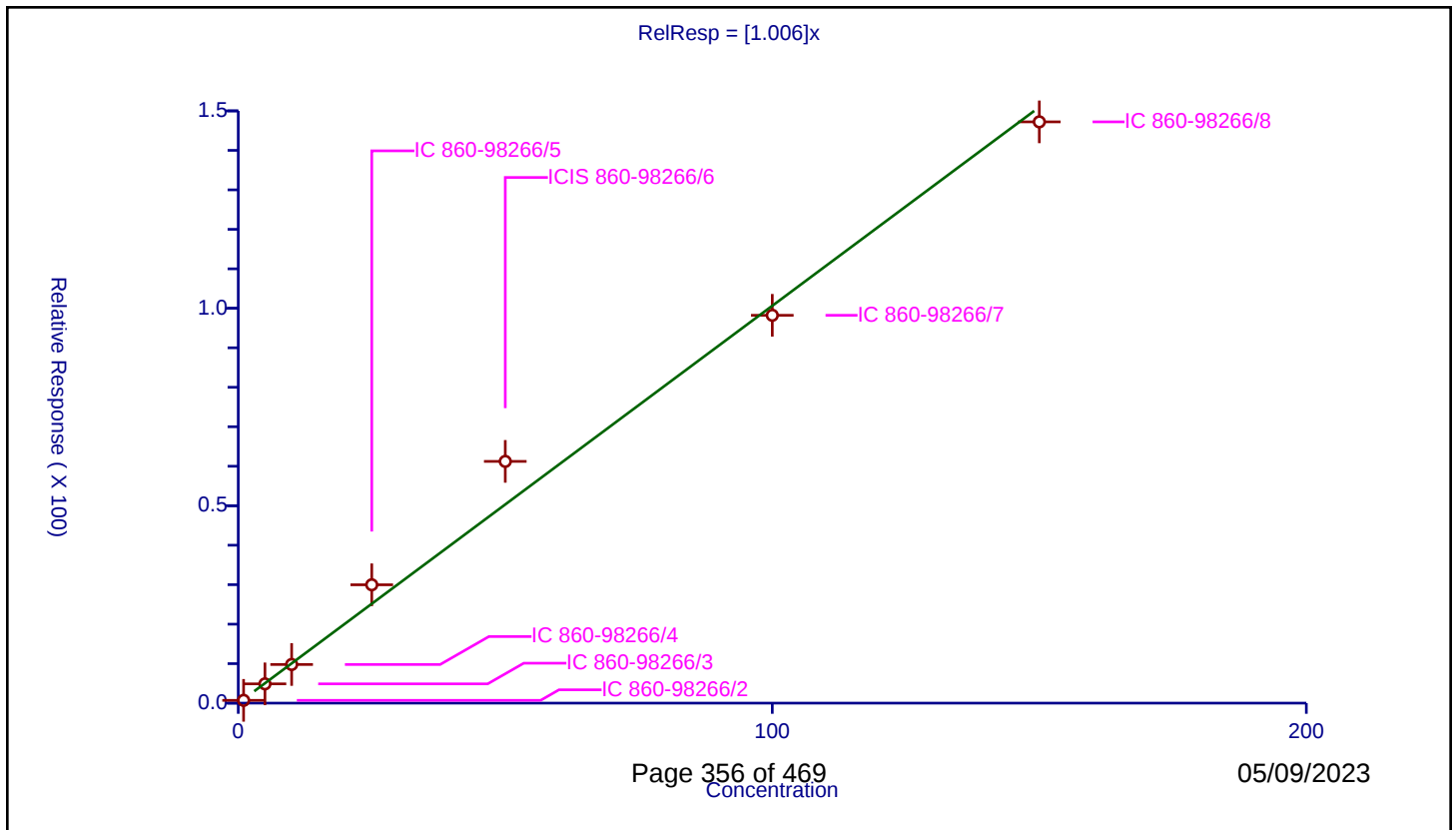
Curve Coefficients

Intercept: 0
Slope: 1.006

Error Coefficients

Standard Error: 700000
Relative Standard Error: 17.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.703228	50.0	362116.0	0.703228	Y
2	IC 860-98266/3	5.0	4.879593	50.0	339639.0	0.975919	Y
3	IC 860-98266/4	10.0	9.78179	50.0	373081.0	0.978179	Y
4	IC 860-98266/5	25.0	29.974828	50.0	338077.0	1.198993	Y
5	ICIS 860-98266/6	50.0	61.223685	50.0	389422.0	1.224474	Y
6	IC 860-98266/7	100.0	98.223997	50.0	454363.0	0.98224	Y
7	IC 860-98266/8	150.0	147.221133	50.0	464272.0	0.981474	Y



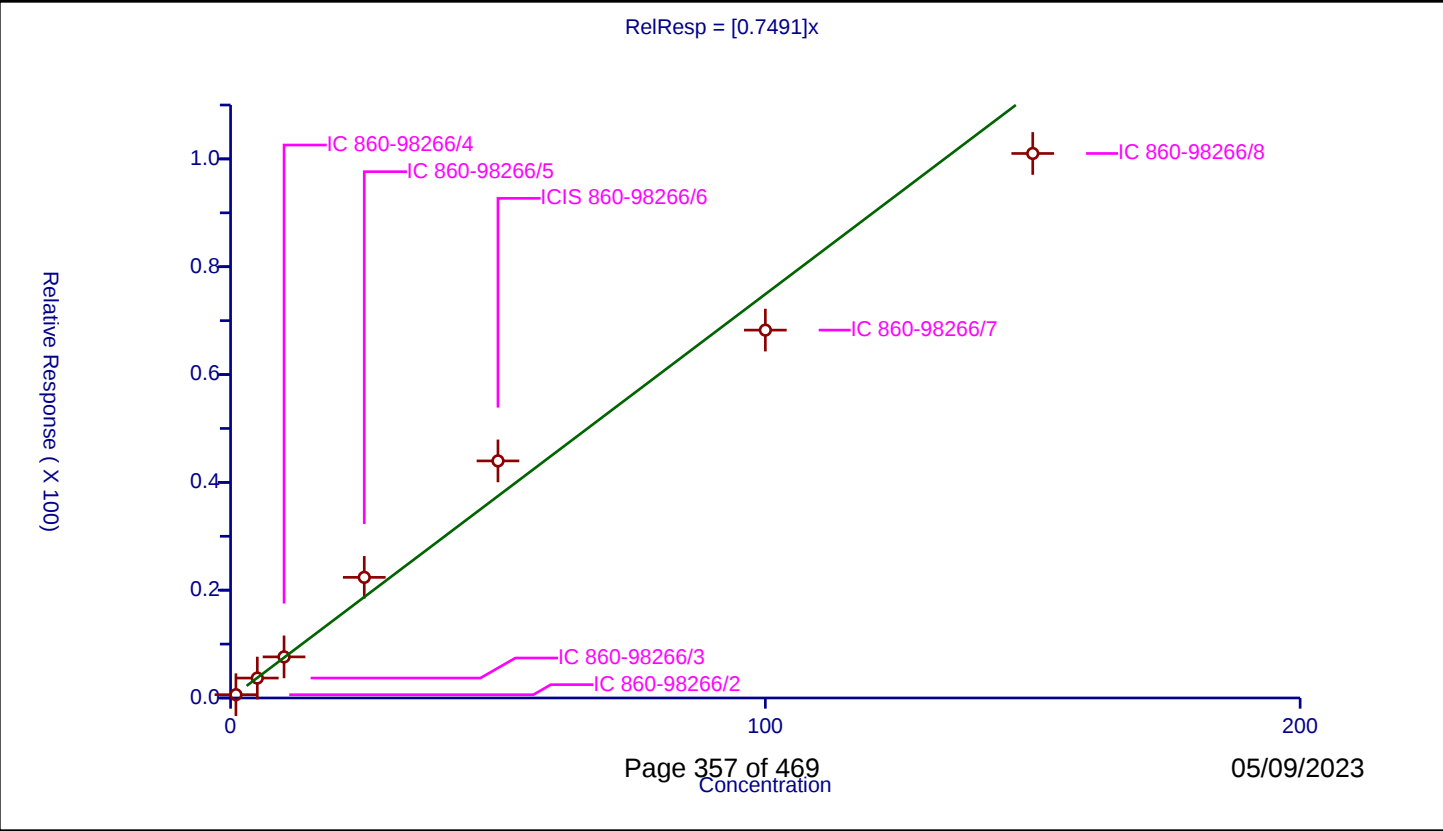
Calibration

/ 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:	0.7491
Error Coefficients	
Standard Error:	484000
Relative Standard Error:	14.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-98266/2	1.0	0.611959	50.0	362116.0	0.611959	Y
2	IC 860-98266/3	5.0	3.695247	50.0	339639.0	0.739049	Y
3	IC 860-98266/4	10.0	7.623143	50.0	373081.0	0.762314	Y
4	IC 860-98266/5	25.0	22.376855	50.0	338077.0	0.895074	Y
5	ICIS 860-98266/6	50.0	43.979924	50.0	389422.0	0.879598	Y
6	IC 860-98266/7	100.0	68.244994	50.0	454363.0	0.68245	Y
7	IC 860-98266/8	150.0	101.010722	50.0	464272.0	0.673405	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Lab Sample ID: ICV 860-100412/11 Calibration Date: 04/26/2023 10:25
Instrument ID: A292 Calib Start Date: 04/17/2023 10:18
GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/17/2023 12:21
Lab File ID: E04262312.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
Ethylene oxide	Ave	0.0865				500		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: ICV 860-100412/11 Calibration Date: 04/26/2023 10:25

Instrument ID: A292 Calib Start Date: 04/26/2023 07:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/26/2023 09:24

Lab File ID: E04262312.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
Propene	Qua		0.1264		40.3	50.0	-19.4	30.0
Dichlorodifluoromethane	Ave	0.2691	0.2440		45.4	50.0	-9.3	30.0
Chloromethane	Ave	0.3469	0.3172		45.7	50.0	-8.6	30.0
Vinyl chloride	Ave	0.3545	0.3395		47.9	50.0	-4.2	30.0
1,3-Butadiene	Ave	0.3055	0.2843		46.5	50.0	-7.0	30.0
Bromomethane	Qua		0.2197		55.4	50.0	10.7	30.0
Chloroethane	Ave	0.2002	0.1931		48.2	50.0	-3.6	30.0
Dichlorofluoromethane	Ave	0.6135	0.5635		45.9	50.0	-8.2	30.0
Trichlorofluoromethane	Ave	0.5061	0.4614		45.6	50.0	-8.8	30.0
Diethyl ether	Ave	0.3160	0.2745		100	50.0	-13.1	30.0
Acrolein	Ave	0.0477	0.0445		233	250	-6.8	30.0
1,1-Dichloroethene	Ave	0.2794	0.2461		44.0	50.0	-11.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2473	0.2165		43.8	50.0	-12.5	30.0
Acetone	Ave	0.0400	0.0375		234	250	-6.2	30.0
Iodomethane (Methyl Iodide)	Lin1		0.3600		42.7	50.0	-14.6	30.0
Carbon disulfide	Ave	0.6684	0.6050		45.3	50.0	-9.5	30.0
Isopropyl alcohol	Ave	0.0261	0.0242		464	500	-7.2	30.0
Acetonitrile	Ave	0.0324	0.0309		476	500	-4.7	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.1634	0.1476		45.2	50.0	-9.7	30.0
Methyl acetate	Ave	0.4577	0.4133		90.3	100	-9.7	30.0
Methylene Chloride	Ave	0.4026	0.3457		42.9	50.0	-14.1	30.0
tert-Butyl alcohol	Ave	0.0414	0.0395		477	500	-4.5	30.0
Acrylonitrile	Ave	0.1559	0.1466		470	500	-5.9	30.0
trans-1,2-Dichloroethene	Ave	0.3224	0.2920		45.3	50.0	-9.4	30.0
MTBE	Ave	1.108	1.006		45.4	50.0	-9.3	30.0
n-Hexane	Ave	0.3682	0.3140		42.6	50.0	-14.7	30.0
1,1-Dichloroethane	Ave	0.6025	0.5720		47.5	50.0	-5.1	30.0
Vinyl acetate	Ave	0.6975	0.6235		224	250	-10.6	30.0
Chloroprene	Ave	0.4677	0.4363		46.7	50.0	-6.7	30.0
Isopropyl ether	Ave	1.143	1.085		47.5	50.0	-5.0	30.0
Ethyl tert-butyl ether	Ave	1.212	1.157		47.7	50.0	-4.5	30.0
2,2-Dichloropropane	Ave	0.4032	0.3653		45.3	50.0	-9.4	30.0
cis-1,2-Dichloroethene	Ave	0.6029	0.5646		46.8	50.0	-6.3	30.0
2-Butanone	Ave	0.0564	0.0546		242	250	-3.2	30.0
Propane Nitrile (Propionitrile)	Ave	0.0682	0.0674		495	500	-1.1	30.0
Ethyl acetate	Ave	0.4414	0.4286		97.1	100	-2.9	30.0
Bromochloromethane	Ave	0.2845	0.2715		47.7	50.0	-4.6	30.0
Methacrylonitrile	Ave	0.1944	0.1911		492	500	-1.7	30.0
Tetrahydrofuran	Ave	0.1378	0.1323		96.0	100	-4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: ICV 860-100412/11 Calibration Date: 04/26/2023 10:25

Instrument ID: A292 Calib Start Date: 04/26/2023 07:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/26/2023 09:24

Lab File ID: E04262312.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
Chloroform	Ave	0.6991	0.6320		45.2	50.0	-9.6	30.0
1,1,1-Trichloroethane	Ave	0.4996	0.4471		44.8	50.0	-10.5	30.0
Cyclohexane	Lin1		0.3942		46.7	50.0	-6.6	30.0
Carbon tetrachloride	Ave	0.3958	0.3605		45.6	50.0	-8.9	30.0
1,1-Dichloropropene	Ave	0.4818	0.4227		43.9	50.0	-12.3	30.0
Isobutanol	Ave	0.0127	0.0131		1278	1240	3.1	30.0
Benzene	Ave	1.006	0.9744		48.4	50.0	-3.2	30.0
1,2-Dichloroethane	Ave	0.4023	0.3812		47.4	50.0	-5.2	30.0
2,2,4-Trimethylpentane	Ave	0.6392	0.5886		46.0	50.0	-7.9	30.0
Tert-amyl methyl ether	Ave	0.7378	0.7216		48.9	50.0	-2.2	30.0
n-Butanol	Ave	0.0171	0.0172		1264	1260	0.3	30.0
Trichloroethene	Ave	0.2570	0.2456		47.8	50.0	-4.4	30.0
Methylcyclohexane	Ave	0.3559	0.3301		46.4	50.0	-7.2	30.0
1,2-Dichloropropane	Ave	0.2962	0.2809		47.4	50.0	-5.2	30.0
Dibromomethane	Ave	0.1856	0.1807		48.7	50.0	-2.6	30.0
Methyl methacrylate	Ave	0.2159	0.2162		100	100	0.1	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0032	0.0033		1047	1000	4.7	30.0
Bromodichloromethane	Ave	0.3063	0.3025		49.4	50.0	-1.2	30.0
2-Nitropropane	Ave	0.0730	0.0709		97.2	100	-2.8	30.0
2-Chloroethyl vinyl ether	Ave	0.1897	0.1817		47.9	50.0	-4.2	30.0
Epichlorohydrin	Ave	0.0257	0.0272		529	500	5.8	30.0
cis-1,3-Dichloropropene	Ave	0.3508	0.3586		51.1	50.0	2.2	30.0
4-Methyl-2-pentanone	Ave	0.2836	0.2810		248	250	-0.9	30.0
Toluene	Ave	0.7172	0.6625		46.2	50.0	-7.6	30.0
trans-1,3-Dichloropropene	Ave	0.3275	0.3363		51.3	50.0	2.7	30.0
Ethyl methacrylate	Ave	0.4167	0.4152		49.8	50.0	-0.3	30.0
1,1,2-Trichloroethane	Ave	0.2676	0.2479		46.3	50.0	-7.4	30.0
Tetrachloroethene	Ave	0.2372	0.2185		46.1	50.0	-7.9	30.0
1,3-Dichloropropane	Ave	0.4940	0.4512		45.7	50.0	-8.7	30.0
2-Hexanone	Ave	0.2282	0.2222		244	250	-2.6	30.0
Dibromochloromethane	Ave	0.2661	0.2598		48.8	50.0	-2.3	30.0
1,2-Dibromoethane	Ave	0.2993	0.2768		46.3	50.0	-7.5	30.0
1-Chlorohexane	Lin1		0.2429		47.4	50.0	-5.2	30.0
Chlorobenzene	Ave	0.8245	0.7660		46.5	50.0	-7.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2482	0.2449		49.3	50.0	-1.3	30.0
Ethylbenzene	Ave	1.361	1.267		46.6	50.0	-6.8	30.0
m,p-Xylenes	Ave	1.047	0.9891		47.2	50.0	-5.6	30.0
o-Xylene	Ave	1.126	1.052		46.7	50.0	-6.6	30.0
Styrene	Ave	0.8065	0.7655		47.5	50.0	-5.1	30.0
Bromoform	Ave	0.1692	0.1636		48.4	50.0	-3.3	30.0
Isopropylbenzene	Ave	1.236	1.174		47.5	50.0	-5.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: ICV 860-100412/11 Calibration Date: 04/26/2023 10:25

Instrument ID: A292 Calib Start Date: 04/26/2023 07:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/26/2023 09:24

Lab File ID: E04262312.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-1,4-Dichloro-2-butene	Ave	0.0664	0.0643		48.9	50.5	-3.2	30.0
Cyclohexanone	Ave	0.0123	0.0125		2532	2500	1.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7351	0.6906		47.0	50.0	-6.1	30.0
Bromobenzene	Ave	0.7426	0.6793		45.7	50.0	-8.5	30.0
1,2,3-Trichloropropane	Ave	0.7374	0.7228		49.0	50.0	-2.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1705	0.1609		47.2	50.0	-5.6	30.0
N-Propylbenzene	Ave	3.002	2.780		46.3	50.0	-7.4	30.0
2-Chlorotoluene	Ave	2.176	2.010		46.2	50.0	-7.6	30.0
4-Ethyltoluene	Ave	2.479	2.324		46.9	50.0	-6.2	30.0
1,3,5-Trimethylbenzene	Ave	2.200	2.064		46.9	50.0	-6.2	30.0
4-Chlorotoluene	Ave	2.152	2.011		46.7	50.0	-6.5	30.0
tert-Butylbenzene	Ave	1.797	1.658		46.1	50.0	-7.8	30.0
1,2,4-Trimethylbenzene	Ave	2.259	2.114		46.8	50.0	-6.4	30.0
sec-Butylbenzene	Ave	2.565	2.349		45.8	50.0	-8.4	30.0
1,3-Dichlorobenzene	Ave	1.274	1.170		45.9	50.0	-8.1	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.183	2.022		46.3	50.0	-7.4	30.0
1,4-Dichlorobenzene	Ave	1.308	1.198		45.8	50.0	-8.4	30.0
Dicyclopentadiene	Ave	2.777	2.483		44.7	50.0	-10.6	30.0
Benzyl chloride	Ave	0.0997	0.0963		48.3	50.0	-3.3	30.0
n-Butylbenzene	Ave	1.889	1.852		49.0	50.0	-2.0	30.0
1,2-Dichlorobenzene	Ave	1.137	1.128		49.6	50.0	-0.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0687	0.0712		51.8	50.0	3.6	30.0
1,2,4-Trichlorobenzene	Ave	0.6076	0.5925		48.8	50.0	-2.5	30.0
Hexachlorobutadiene	Ave	0.3280	0.3103		47.3	50.0	-5.4	30.0
Naphthalene	Ave	1.001	0.9572		47.8	50.0	-4.4	30.0
1,2,3-Trichlorobenzene	Ave	0.4439	0.4182		47.1	50.0	-5.8	30.0
2-Methylnaphthalene	Qua		0.2600		66.2	50.0	32.4*	30.0
1-Methylnaphthalene	Ave	0.1464	0.2036		69.5	50.0	39.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.4909	0.4906		50.0	50.0	-0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3983	0.4117		51.7	50.0	3.4	30.0
Toluene-d8 (Surr)	Ave	1.438	1.386		48.2	50.0	-3.6	30.0
4-Bromofluorobenzene (Surr)	Ave	1.060	1.051		49.6	50.0	-0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Lab Sample ID: CCVIS 860-100772/2 Calibration Date: 04/27/2023 18:48
Instrument ID: A292 Calib Start Date: 04/17/2023 10:18
GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/17/2023 12:21
Lab File ID: E04272336.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
Ethylene oxide	Ave	0.0865	0.0008			500	-99.1*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: CCVIS 860-100772/2 Calibration Date: 04/27/2023 18:48

Instrument ID: A292 Calib Start Date: 04/26/2023 07:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/26/2023 09:24

Lab File ID: E04272336.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
Propene	Qua		0.1160		36.5	50.0	-27.1*	20.0
Dichlorodifluoromethane	Ave	0.2691	0.2368		44.0	50.0	-12.0	20.0
Chloromethane	Ave	0.3469	0.3217		46.4	50.0	-7.3	20.0
Vinyl chloride	Ave	0.3545	0.3321		46.8	50.0	-6.3	20.0
1,3-Butadiene	Ave	0.3055	0.2760		45.2	50.0	-9.7	20.0
Bromomethane	Qua		0.2257		57.1	50.0	14.2	20.0
Chloroethane	Ave	0.2002	0.1961		49.0	50.0	-2.1	20.0
Dichlorofluoromethane	Ave	0.6135	0.6083		49.6	50.0	-0.8	20.0
Trichlorofluoromethane	Ave	0.5061	0.5070		50.1	50.0	0.2	20.0
Diethyl ether	Ave	0.3160	0.2862		100	50.0	-9.4	20.0
Acrolein	Ave	0.0477	0.0414		217	250	-13.3	20.0
1,1-Dichloroethene	Ave	0.2794	0.2604		46.6	50.0	-6.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2473	0.2342		47.3	50.0	-5.3	20.0
Acetone	Ave	0.0400	0.0340		212	250	-15.1	20.0
Iodomethane (Methyl Iodide)	Lin1		0.4068		48.1	50.0	-3.7	20.0
Carbon disulfide	Ave	0.6684	0.6591		49.3	50.0	-1.4	20.0
Isopropyl alcohol	Ave	0.0261	0.0216		415	500	-17.0	20.0
Acetonitrile	Ave	0.0324	0.0298		459	500	-8.1	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.1634	0.1513		46.3	50.0	-7.4	20.0
Methyl acetate	Ave	0.4577	0.3970		86.8	100	-13.3	20.0
Methylene Chloride	Ave	0.4026	0.3598		44.7	50.0	-10.6	20.0
tert-Butyl alcohol	Ave	0.0414	0.0365		441	500	-11.8	20.0
Acrylonitrile	Ave	0.1559	0.1378		442	500	-11.6	20.0
trans-1,2-Dichloroethene	Ave	0.3224	0.3145		48.8	50.0	-2.5	20.0
MTBE	Ave	1.108	1.010		45.6	50.0	-8.8	20.0
n-Hexane	Ave	0.3682	0.3507		47.6	50.0	-4.8	20.0
1,1-Dichloroethane	Ave	0.6025	0.6116		50.8	50.0	1.5	20.0
Vinyl acetate	Ave	0.6975	0.6516		234	250	-6.6	20.0
Chloroprene	Ave	0.4677	0.4681		50.1	50.0	0.1	20.0
Isopropyl ether	Ave	1.143	1.096		47.9	50.0	-4.1	20.0
Ethyl tert-butyl ether	Ave	1.212	1.178		48.6	50.0	-2.7	20.0
2,2-Dichloropropane	Ave	0.4032	0.3957		49.1	50.0	-1.9	20.0
cis-1,2-Dichloroethene	Ave	0.6029	0.5871		48.7	50.0	-2.6	20.0
2-Butanone	Ave	0.0564	0.0509		226	250	-9.8	20.0
Propane Nitrile (Propionitrile)	Ave	0.0682	0.0600		440	500	-12.0	20.0
Ethyl acetate	Ave	0.4414	0.4183		94.8	100	-5.2	20.0
Bromochloromethane	Ave	0.2845	0.2796		49.1	50.0	-1.7	20.0
Methacrylonitrile	Ave	0.1944	0.1836		472	500	-5.5	20.0
Tetrahydrofuran	Ave	0.1378	0.1137		82.5	100	-17.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: CCVIS 860-100772/2 Calibration Date: 04/27/2023 18:48

Instrument ID: A292 Calib Start Date: 04/26/2023 07:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/26/2023 09:24

Lab File ID: E04272336.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
Chloroform	Ave	0.6991	0.6493		46.4	50.0	-7.1	20.0
1,1,1-Trichloroethane	Ave	0.4996	0.4835		48.4	50.0	-3.2	20.0
Cyclohexane	Lin1		0.4254		50.7	50.0	1.3	20.0
1,1-Dichloropropene	Ave	0.4818	0.4747		49.3	50.0	-1.5	20.0
Carbon tetrachloride	Ave	0.3958	0.4122		52.1	50.0	4.2	20.0
Isobutanol	Ave	0.0127	0.0114		1115	1250	-10.8	20.0
Benzene	Ave	1.006	0.9547		47.4	50.0	-5.1	20.0
1,2-Dichloroethane	Ave	0.4023	0.3695		45.9	50.0	-8.1	20.0
2,2,4-Trimethylpentane	Ave	0.6392	0.6413		50.2	50.0	0.3	20.0
Tert-amyl methyl ether	Ave	0.7378	0.7005		47.5	50.0	-5.1	20.0
n-Butanol	Ave	0.0171	0.0158		1143	1240	-7.9	20.0
Trichloroethene	Ave	0.2570	0.2458		47.8	50.0	-4.3	20.0
Methylcyclohexane	Ave	0.3559	0.3530		49.6	50.0	-0.8	20.0
1,2-Dichloropropane	Ave	0.2962	0.2782		47.0	50.0	-6.1	20.0
Dibromomethane	Ave	0.1856	0.1739		46.9	50.0	-6.3	20.0
Methyl methacrylate	Ave	0.2159	0.2014		93.3	100	-6.7	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0032	0.0028		891	1000	-10.9	20.0
Bromodichloromethane	Ave	0.3063	0.3028		49.4	50.0	-1.1	20.0
2-Nitropropane	Ave	0.0730	0.0680		93.2	100	-6.8	20.0
2-Chloroethyl vinyl ether	Ave	0.1897	0.1766		46.6	50.0	-6.9	20.0
Epichlorohydrin	Ave	0.0257	0.0239		464	500	-7.3	20.0
cis-1,3-Dichloropropene	Ave	0.3508	0.3572		50.9	50.0	1.8	20.0
4-Methyl-2-pentanone	Ave	0.2836	0.2570		227	250	-9.4	20.0
Toluene	Ave	0.7172	0.6882		48.0	50.0	-4.1	20.0
trans-1,3-Dichloropropene	Ave	0.3275	0.3318		50.7	50.0	1.3	20.0
Ethyl methacrylate	Ave	0.4167	0.3997		48.0	50.0	-4.1	20.0
1,1,2-Trichloroethane	Ave	0.2676	0.2500		46.7	50.0	-6.6	20.0
Tetrachloroethene	Ave	0.2372	0.2266		47.8	50.0	-4.5	20.0
1,3-Dichloropropane	Ave	0.4940	0.4202		42.5	50.0	-15.0	20.0
2-Hexanone	Ave	0.2282	0.2138		234	250	-6.3	20.0
Dibromochloromethane	Ave	0.2661	0.2613		49.1	50.0	-1.8	20.0
1,2-Dibromoethane	Ave	0.2993	0.2918		48.8	50.0	-2.5	20.0
1-Chlorohexane	Lin1		0.2654		52.0	50.0	3.9	20.0
Chlorobenzene	Ave	0.8245	0.7687		46.6	50.0	-6.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2482	0.2543		51.2	50.0	2.4	20.0
Ethylbenzene	Ave	1.361	1.334		49.0	50.0	-1.9	20.0
m,p-Xylenes	Ave	1.047	1.024		48.9	50.0	-2.3	20.0
o-Xylene	Ave	1.126	1.114		49.5	50.0	-1.0	20.0
Styrene	Ave	0.8065	0.8014		49.7	50.0	-0.6	20.0
Bromoform	Ave	0.1692	0.1643		48.5	50.0	-2.9	20.0
Isopropylbenzene	Ave	1.236	1.246		50.4	50.0	0.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: CCVIS 860-100772/2 Calibration Date: 04/27/2023 18:48

Instrument ID: A292 Calib Start Date: 04/26/2023 07:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/26/2023 09:24

Lab File ID: E04272336.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-1,4-Dichloro-2-butene	Ave	0.0664	0.0665		50.1	50.0	0.1	20.0
Cyclohexanone	Ave	0.0123	0.0152		3082	2500	23.3*	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7351	0.6877		46.8	50.0	-6.5	20.0
Bromobenzene	Ave	0.7426	0.7164		48.2	50.0	-3.5	20.0
1,2,3-Trichloropropane	Ave	0.7374	0.7233		49.0	50.0	-1.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1705	0.1552		45.5	50.0	-8.9	20.0
N-Propylbenzene	Ave	3.002	3.033		50.5	50.0	1.0	20.0
2-Chlorotoluene	Ave	2.176	2.140		49.2	50.0	-1.6	20.0
4-Ethyltoluene	Ave	2.479	2.501		50.4	50.0	0.9	20.0
1,3,5-Trimethylbenzene	Ave	2.200	2.203		50.1	50.0	0.1	20.0
4-Chlorotoluene	Ave	2.152	2.140		49.7	50.0	-0.5	20.0
tert-Butylbenzene	Ave	1.797	1.807		50.3	50.0	0.5	20.0
1,2,4-Trimethylbenzene	Ave	2.259	2.243		49.6	50.0	-0.7	20.0
sec-Butylbenzene	Ave	2.565	2.619		51.0	50.0	2.1	20.0
1,3-Dichlorobenzene	Ave	1.274	1.245		48.9	50.0	-2.3	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.183	2.221		50.9	50.0	1.7	20.0
1,4-Dichlorobenzene	Ave	1.308	1.252		47.9	50.0	-4.3	20.0
Dicyclopentadiene	Ave	2.777	2.683		48.3	50.0	-3.4	20.0
Benzyl chloride	Ave	0.0997	0.0986		49.5	50.0	-1.1	20.0
n-Butylbenzene	Ave	1.889	2.058		54.5	50.0	8.9	20.0
1,2-Dichlorobenzene	Ave	1.137	1.177		51.8	50.0	3.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0687	0.0687		50.0	50.0	0.0	20.0
1,2,4-Trichlorobenzene	Ave	0.6076	0.6112		50.3	50.0	0.6	20.0
Hexachlorobutadiene	Ave	0.3280	0.3429		52.3	50.0	4.6	20.0
Naphthalene	Ave	1.001	0.9788		48.9	50.0	-2.2	20.0
1,2,3-Trichlorobenzene	Ave	0.4439	0.4309		48.5	50.0	-2.9	20.0
2-Methylnaphthalene	Qua		0.1998		52.8	50.0	5.6	20.0
1-Methylnaphthalene	Ave	0.1464	0.1492		50.9	50.0	1.9	20.0
Dibromofluoromethane (Surr)	Ave	0.4909	0.5160		52.6	50.0	5.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3983	0.4007		50.3	50.0	0.6	20.0
Toluene-d8 (Surr)	Ave	1.438	1.472		51.2	50.0	2.4	20.0
4-Bromofluorobenzene (Surr)	Ave	1.060	1.080		51.0	50.0	1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: ICV 860-98266/10 Calibration Date: 04/12/2023 14:56

Instrument ID: A294 Calib Start Date: 04/12/2023 11:47

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/12/2023 13:41

Lab File ID: T04122318.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
Propene	Lin1		0.5839		44.7	50.0	-10.6	30.0
Dichlorodifluoromethane	Ave	0.5830	0.5892		50.5	50.0	1.1	30.0
Chloromethane	Ave	0.5891	0.5714		48.5	50.0	-3.0	30.0
Vinyl chloride	Ave	0.9427	0.9868		52.3	50.0	4.7	30.0
1,3-Butadiene	Ave	0.6801	0.7131		52.4	50.0	4.8	30.0
Ethylene oxide	Ave	0.1617	0.0513		159	500	-68.3*	30.0
Bromomethane	Ave	0.6173	0.3889		31.5	50.0	-37.0*	30.0
Chloroethane	Ave	0.7469	0.8451		56.6	50.0	13.2	30.0
Trichlorofluoromethane	Ave	0.9910	1.013		51.1	50.0	2.2	30.0
Dichlorofluoromethane	Ave	1.141	1.187		52.0	50.0	4.1	30.0
Diethyl ether	Ave	0.3313	0.3379		100	50.0	2.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3519	0.3657		52.0	50.0	3.9	30.0
Acrolein	Ave	0.0699	0.0713		255	250	2.0	30.0
1,1-Dichloroethene	Ave	0.4583	0.5108		55.7	50.0	11.4	30.0
Acetone	Ave	0.0495	0.0489		247	250	-1.3	30.0
Iodomethane (Methyl Iodide)	Qua		0.8142		57.5	50.0	14.9	30.0
Carbon disulfide	Ave	1.604	1.699		53.0	50.0	5.9	30.0
Isopropyl alcohol	Ave	0.0293	0.0288		491	500	-1.8	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.2819	0.3026		53.7	50.0	7.4	30.0
Methyl acetate	Ave	0.4290	0.4588		107	100	6.9	30.0
Acetonitrile	Ave	0.0409	0.0397		485	500	-2.9	30.0
Methylene Chloride	Ave	0.6810	0.6758		49.6	50.0	-0.8	30.0
tert-Butyl alcohol	Ave	0.0498	0.0523		526	500	5.1	30.0
MTBE	Ave	1.635	1.734		53.1	50.0	6.1	30.0
trans-1,2-Dichloroethene	Ave	0.5062	0.5433		53.7	50.0	7.3	30.0
Acrylonitrile	Ave	0.1811	0.1950		538	500	7.7	30.0
n-Hexane	Ave	0.5507	0.5830		52.9	50.0	5.9	30.0
Isopropyl ether	Ave	1.334	1.418		53.2	50.0	6.3	30.0
1,1-Dichloroethane	Ave	0.8871	0.9539		53.8	50.0	7.5	30.0
Vinyl acetate	Ave	1.177	0.8889		189	250	-24.5	30.0
Chloroprene	Ave	0.7054	0.7208		51.1	50.0	2.2	30.0
Ethyl tert-butyl ether	Ave	1.536	1.601		52.1	50.0	4.2	30.0
2,2-Dichloropropane	Ave	0.8821	0.9072		51.4	50.0	2.8	30.0
cis-1,2-Dichloroethene	Ave	0.7241	0.7798		53.8	50.0	7.7	30.0
2-Butanone	Ave	0.0811	0.0815		251	250	0.5	30.0
Ethyl acetate	Ave	1.218	1.307		107	100	7.3	30.0
Propane Nitrile (Propionitrile)	Ave	0.0776	0.0836		539	500	7.7	30.0
Tetrahydrofuran	Ave	0.1464	0.1462		99.9	100	-0.1	30.0
Bromochloromethane	Ave	0.4248	0.4553		53.6	50.0	7.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: ICV 860-98266/10 Calibration Date: 04/12/2023 14:56

Instrument ID: A294 Calib Start Date: 04/12/2023 11:47

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/12/2023 13:41

Lab File ID: T04122318.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
Methacrylonitrile	Ave	0.2887	0.3280		568	500	13.6	30.0
Chloroform	Ave	1.052	1.113		52.9	50.0	5.8	30.0
Cyclohexane	Ave	0.8338	0.8769		52.6	50.0	5.2	30.0
1,1,1-Trichloroethane	Ave	0.9373	0.997		53.2	50.0	6.4	30.0
Carbon tetrachloride	Ave	1.015	0.9890		48.7	50.0	-2.6	30.0
1,1-Dichloropropene	Ave	0.7680	0.7874		51.3	50.0	2.5	30.0
Isobutanol	Ave	0.0186	0.0185		1230	1240	-0.8	30.0
2,2,4-Trimethylpentane	Ave	0.8853	0.9037		51.0	50.0	2.1	30.0
Benzene	Ave	1.395	1.467		52.6	50.0	5.2	30.0
Tert-amyl methyl ether	Ave	1.334	1.089		40.8	50.0	-18.4	30.0
1,2-Dichloroethane	Ave	0.4611	0.4625		50.2	50.0	0.3	30.0
n-Butanol	Ave	0.0043	0.0040		1181	1260	-6.3	30.0
Trichloroethene	Ave	0.3590	0.3902		54.4	50.0	8.7	30.0
Methylcyclohexane	Ave	0.5662	0.5972		52.7	50.0	5.5	30.0
1,2-Dichloropropane	Ave	0.3173	0.3256		51.3	50.0	2.6	30.0
Methyl methacrylate	Ave	0.2984	0.3204		107	100	7.4	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0044	0.0043		967	1000	-3.3	30.0
Dibromomethane	Ave	0.2333	0.2450		52.5	50.0	5.0	30.0
Bromodichloromethane	Ave	0.4666	0.5096		54.6	50.0	9.2	30.0
2-Chloroethyl vinyl ether	Ave	0.2212	0.2328		52.6	50.0	5.3	30.0
2-Nitropropane	Ave	0.1930	0.2094		109	100	8.5	30.0
Epichlorohydrin	Ave	0.0315	0.0331		526	500	5.1	30.0
cis-1,3-Dichloropropene	Ave	0.5850	0.6248		53.4	50.0	6.8	30.0
4-Methyl-2-pentanone	Ave	0.3396	0.3579		264	250	5.4	30.0
Toluene	Ave	0.9917	1.054		53.2	50.0	6.3	30.0
trans-1,3-Dichloropropene	Ave	0.6134	0.6718		54.8	50.0	9.5	30.0
Ethyl methacrylate	Ave	0.5282	0.5728		54.2	50.0	8.4	30.0
1,1,2-Trichloroethane	Ave	0.3105	0.3350		54.0	50.0	7.9	30.0
Tetrachloroethene	Ave	0.2967	0.3217		54.2	50.0	8.4	30.0
1,3-Dichloropropane	Ave	0.6208	0.6609		53.2	50.0	6.5	30.0
2-Hexanone	Ave	0.2614	0.2775		265	250	6.2	30.0
Dibromochloromethane	Ave	0.4097	0.4452		54.3	50.0	8.7	30.0
1,2-Dibromoethane	Ave	0.3743	0.4035		53.9	50.0	7.8	30.0
1-Chlorohexane	Ave	0.3377	0.3343		49.5	50.0	-1.0	30.0
Chlorobenzene	Ave	1.144	1.235		53.9	50.0	7.9	30.0
Ethylbenzene	Ave	1.940	2.074		53.4	50.0	6.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4151	0.4442		53.5	50.0	7.0	30.0
m,p-Xylenes	Ave	1.502	1.606		53.5	50.0	6.9	30.0
o-Xylene	Ave	1.583	1.696		53.6	50.0	7.1	30.0
Styrene	Ave	1.236	1.321		53.4	50.0	6.9	30.0
Bromoform	Ave	0.2480	0.2814		56.7	50.0	13.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: ICV 860-98266/10 Calibration Date: 04/12/2023 14:56

Instrument ID: A294 Calib Start Date: 04/12/2023 11:47

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/12/2023 13:41

Lab File ID: T04122318.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
Isopropylbenzene	Ave	1.919	2.095		54.6	50.0	9.2	30.0
cis-1,4-Dichloro-2-butene	Ave	0.1778	0.1923		54.6	50.5	8.2	30.0
Cyclohexanone	Ave	0.0129	0.0128		2484	2500	-0.6	30.0
Bromobenzene	Ave	0.9130	1.012		55.4	50.0	10.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9844	1.063		54.0	50.0	7.9	30.0
N-Propylbenzene	Ave	4.562	5.109		56.0	50.0	12.0	30.0
1,2,3-Trichloropropane	Ave	1.224	1.346		55.0	50.0	10.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2802	0.3085		55.1	50.0	10.1	30.0
2-Chlorotoluene	Ave	3.023	3.344		55.3	50.0	10.6	30.0
4-Ethyltoluene	Ave	3.154	3.509		55.6	50.0	11.3	30.0
1,3,5-Trimethylbenzene	Ave	3.262	3.629		55.6	50.0	11.3	30.0
4-Chlorotoluene	Ave	2.704	2.973		55.0	50.0	10.0	30.0
tert-Butylbenzene	Ave	2.811	3.152		56.1	50.0	12.1	30.0
1,2,4-Trimethylbenzene	Ave	3.379	3.813		56.4	50.0	12.9	30.0
sec-Butylbenzene	Ave	4.085	4.572		56.0	50.0	11.9	30.0
p-Cymene (p-Isopropyltoluene)	Ave	3.857	4.313		55.9	50.0	11.8	30.0
1,3-Dichlorobenzene	Ave	1.878	2.098		55.9	50.0	11.7	30.0
Dicyclopentadiene	Ave	3.590	3.674		51.2	50.0	2.3	30.0
1,4-Dichlorobenzene	Ave	1.906	2.074		54.4	50.0	8.8	30.0
Benzyl chloride	Ave	0.4730	0.5187		54.8	50.0	9.7	30.0
n-Butylbenzene	Ave	3.202	3.617		56.5	50.0	13.0	30.0
1,2-Dichlorobenzene	Ave	1.769	1.934		54.7	50.0	9.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1949	0.2349		60.3	50.0	20.5	30.0
1,2,4-Trichlorobenzene	Ave	1.116	1.321		59.2	50.0	18.3	30.0
Hexachlorobutadiene	Ave	0.4463	0.5240		58.7	50.0	17.4	30.0
Naphthalene	Ave	3.054	3.603		59.0	50.0	18.0	30.0
1,2,3-Trichlorobenzene	Ave	0.9686	1.118		57.7	50.0	15.4	30.0
2-Methylnaphthalene	Ave	1.006	1.303		64.8	50.0	29.5	30.0
1-Methylnaphthalene	Ave	0.7491	0.9470		63.2	50.0	26.4	30.0
Dibromofluoromethane (Surr)	Ave	0.5295	0.5080		48.0	50.0	-4.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3611	0.3354		46.4	50.0	-7.1	30.0
Toluene-d8 (Surr)	Ave	1.351	1.370		50.7	50.0	1.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9447	0.9639		51.0	50.0	2.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: CCVIS 860-100341/2 Calibration Date: 04/25/2023 21:20

Instrument ID: A294 Calib Start Date: 04/12/2023 11:47

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/12/2023 13:41

Lab File ID: T04252337.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
Propene	Lin1		0.3493		26.6	50.0	-46.9*	20.0
Dichlorodifluoromethane	Ave	0.5830	0.3770		32.3	50.0	-35.3*	20.0
Chloromethane	Ave	0.5891	0.3971		33.7	50.0	-32.6*	20.0
Vinyl chloride	Ave	0.9427	0.9109		48.3	50.0	-3.4	20.0
1,3-Butadiene	Ave	0.6801	0.6603		48.6	50.0	-2.9	20.0
Ethylene oxide	Ave	0.1617	0.0577		178	500	-64.3*	20.0
Bromomethane	Ave	0.6173	0.2492		20.2	50.0	-59.6*	20.0
Chloroethane	Ave	0.7469	0.8278		55.4	50.0	10.8	20.0
Dichlorofluoromethane	Ave	1.141	1.215		53.3	50.0	6.5	20.0
Trichlorofluoromethane	Ave	0.9910	1.045		52.7	50.0	5.4	20.0
Diethyl ether	Ave	0.3313	0.3126		100	50.0	-5.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3519	0.3565		50.7	50.0	1.3	20.0
Acrolein	Ave	0.0699	0.0645		231	250	-7.6	20.0
1,1-Dichloroethene	Ave	0.4583	0.4368		47.7	50.0	-4.7	20.0
Acetone	Ave	0.0495	0.0487		246	250	-1.7	20.0
Iodomethane (Methyl Iodide)	Qua		0.4589		35.0	50.0	-29.9*	20.0
Carbon disulfide	Ave	1.604	1.376		42.9	50.0	-14.2	20.0
Isopropyl alcohol	Ave	0.0293	0.0344		586	500	17.3	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2819	0.2511		44.5	50.0	-10.9	20.0
Methyl acetate	Ave	0.4290	0.4454		104	100	3.8	20.0
Acetonitrile	Ave	0.0409	0.0397		486	500	-2.8	20.0
Methylene Chloride	Ave	0.6810	0.6108		44.9	50.0	-10.3	20.0
tert-Butyl alcohol	Ave	0.0498	0.0605		608	500	21.6*	20.0
MTBE	Ave	1.635	1.600		49.0	50.0	-2.1	20.0
trans-1,2-Dichloroethene	Ave	0.5062	0.4887		48.3	50.0	-3.5	20.0
Acrylonitrile	Ave	0.1811	0.1874		518	500	3.5	20.0
n-Hexane	Ave	0.5507	0.4441		40.3	50.0	-19.4	20.0
Isopropyl ether	Ave	1.334	1.239		46.4	50.0	-7.2	20.0
1,1-Dichloroethane	Ave	0.8871	0.8556		48.2	50.0	-3.6	20.0
Vinyl acetate	Ave	1.177	0.9806		208	250	-16.7	20.0
Chloroprene	Ave	0.7054	0.6289		44.6	50.0	-10.8	20.0
Ethyl tert-butyl ether	Ave	1.536	1.485		48.4	50.0	-3.3	20.0
2,2-Dichloropropane	Ave	0.8821	0.7952		45.1	50.0	-9.9	20.0
cis-1,2-Dichloroethene	Ave	0.7241	0.7208		49.8	50.0	-0.5	20.0
2-Butanone	Ave	0.0811	0.0844		260	250	4.1	20.0
Ethyl acetate	Ave	1.218	1.283		105	100	5.3	20.0
Propane Nitrile (Propionitrile)	Ave	0.0776	0.0808		521	500	4.2	20.0
Tetrahydrofuran	Ave	0.1464	0.1345		91.8	100	-8.2	20.0
Bromochloromethane	Ave	0.4248	0.4531		53.3	50.0	6.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: CCVIS 860-100341/2 Calibration Date: 04/25/2023 21:20

Instrument ID: A294 Calib Start Date: 04/12/2023 11:47

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/12/2023 13:41

Lab File ID: T04252337.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
Methacrylonitrile	Ave	0.2887	0.3136		543	500	8.6	20.0
Chloroform	Ave	1.052	1.063		50.5	50.0	1.0	20.0
Cyclohexane	Ave	0.8338	0.7363		44.2	50.0	-11.7	20.0
1,1,1-Trichloroethane	Ave	0.9373	0.9375		50.0	50.0	0.0	20.0
Carbon tetrachloride	Ave	1.015	0.9180		45.2	50.0	-9.6	20.0
1,1-Dichloropropene	Ave	0.7680	0.7187		46.8	50.0	-6.4	20.0
Isobutanol	Ave	0.0186	0.0210		1414	1250	13.1	20.0
2,2,4-Trimethylpentane	Ave	0.8853	0.8322		47.0	50.0	-6.0	20.0
Benzene	Ave	1.395	1.439		51.6	50.0	3.1	20.0
Tert-amyl methyl ether	Ave	1.334	1.364		51.1	50.0	2.2	20.0
1,2-Dichloroethane	Ave	0.4611	0.4724		51.2	50.0	2.4	20.0
n-Butanol	Ave	0.0043	0.0038		1104	1240	-11.0	20.0
Trichloroethene	Ave	0.3590	0.4116		57.3	50.0	14.6	20.0
Methylcyclohexane	Ave	0.5662	0.5508		48.6	50.0	-2.7	20.0
1,2-Dichloropropane	Ave	0.3173	0.3230		50.9	50.0	1.8	20.0
Methyl methacrylate	Ave	0.2984	0.3137		105	100	5.1	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0044	0.0054		1226	1000	22.6*	20.0
Dibromomethane	Ave	0.2333	0.2688		57.6	50.0	15.2	20.0
Bromodichloromethane	Ave	0.4666	0.4953		53.1	50.0	6.2	20.0
2-Nitropropane	Ave	0.1930	0.2173		113	100	12.6	20.0
2-Chloroethyl vinyl ether	Ave	0.2212	0.2372		53.6	50.0	7.2	20.0
Epichlorohydrin	Ave	0.0315	0.0348		553	500	10.5	20.0
cis-1,3-Dichloropropene	Ave	0.5850	0.6066		51.9	50.0	3.7	20.0
4-Methyl-2-pentanone	Ave	0.3396	0.3859		284	250	13.6	20.0
Toluene	Ave	0.9917	1.011		51.0	50.0	2.0	20.0
trans-1,3-Dichloropropene	Ave	0.6134	0.6450		52.6	50.0	5.1	20.0
Ethyl methacrylate	Ave	0.5282	0.5622		53.2	50.0	6.4	20.0
1,1,2-Trichloroethane	Ave	0.3105	0.3258		52.5	50.0	4.9	20.0
Tetrachloroethene	Ave	0.2967	0.3330		56.1	50.0	12.2	20.0
1,3-Dichloropropane	Ave	0.6208	0.6509		52.4	50.0	4.9	20.0
2-Hexanone	Ave	0.2614	0.3015		288	250	15.4	20.0
Dibromochloromethane	Ave	0.4097	0.4451		54.3	50.0	8.7	20.0
1,2-Dibromoethane	Ave	0.3743	0.4085		54.6	50.0	9.2	20.0
1-Chlorohexane	Ave	0.3377	0.3183		47.1	50.0	-5.8	20.0
Chlorobenzene	Ave	1.144	1.219		53.2	50.0	6.5	20.0
Ethylbenzene	Ave	1.940	2.060		53.1	50.0	6.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4151	0.4634		55.8	50.0	11.6	20.0
m,p-Xylenes	Ave	1.502	1.596		53.1	50.0	6.3	20.0
o-Xylene	Ave	1.583	1.651		52.1	50.0	4.3	20.0
Styrene	Ave	1.236	1.299		52.5	50.0	5.1	20.0
Bromoform	Ave	0.2480	0.2995		60.4	50.0	20.7*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: CCVIS 860-100341/2 Calibration Date: 04/25/2023 21:20

Instrument ID: A294 Calib Start Date: 04/12/2023 11:47

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 04/12/2023 13:41

Lab File ID: T04252337.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
Isopropylbenzene	Ave	1.919	2.050		53.4	50.0	6.9	20.0
cis-1,4-Dichloro-2-butene	Ave	0.1778	0.1799		50.6	50.0	1.2	20.0
Cyclohexanone	Ave	0.0129	0.0193		3746	2500	49.9*	20.0
Bromobenzene	Ave	0.9130	1.013		55.5	50.0	10.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9844	0.996		50.6	50.0	1.2	20.0
N-Propylbenzene	Ave	4.562	4.689		51.4	50.0	2.8	20.0
1,2,3-Trichloropropane	Ave	1.224	1.265		51.7	50.0	3.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2802	0.2797		49.9	50.0	-0.2	20.0
2-Chlorotoluene	Ave	3.023	3.132		51.8	50.0	3.6	20.0
4-Ethyltoluene	Ave	3.154	3.298		52.3	50.0	4.6	20.0
1,3,5-Trimethylbenzene	Ave	3.262	3.418		52.4	50.0	4.8	20.0
4-Chlorotoluene	Ave	2.704	2.741		50.7	50.0	1.4	20.0
tert-Butylbenzene	Ave	2.811	2.988		53.2	50.0	6.3	20.0
1,2,4-Trimethylbenzene	Ave	3.379	3.534		52.3	50.0	4.6	20.0
sec-Butylbenzene	Ave	4.085	4.190		51.3	50.0	2.6	20.0
p-Cymene (p-Isopropyltoluene)	Ave	3.857	4.075		52.8	50.0	5.6	20.0
1,3-Dichlorobenzene	Ave	1.878	2.047		54.5	50.0	9.0	20.0
Dicyclopentadiene	Ave	3.590	3.202		44.6	50.0	-10.8	20.0
1,4-Dichlorobenzene	Ave	1.906	2.050		53.8	50.0	7.5	20.0
Benzyl chloride	Ave	0.4730	0.4592		48.5	50.0	-2.9	20.0
n-Butylbenzene	Ave	3.202	3.352		52.3	50.0	4.7	20.0
1,2-Dichlorobenzene	Ave	1.769	1.946		55.0	50.0	10.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1949	0.2404		61.7	50.0	23.3*	20.0
1,2,4-Trichlorobenzene	Ave	1.116	1.400		62.7	50.0	25.4*	20.0
Hexachlorobutadiene	Ave	0.4463	0.5831		65.3	50.0	30.7*	20.0
Naphthalene	Ave	3.054	3.721		60.9	50.0	21.9*	20.0
1,2,3-Trichlorobenzene	Ave	0.9686	1.237		63.8	50.0	27.7*	20.0
2-Methylnaphthalene	Ave	1.006	1.583		78.7	50.0	57.3*	20.0
1-Methylnaphthalene	Ave	0.7491	1.259		84.1	50.0	68.1*	20.0
Dibromofluoromethane (Surr)	Ave	0.5295	0.5288		49.9	50.0	-0.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3611	0.3452		47.8	50.0	-4.4	20.0
Toluene-d8 (Surr)	Ave	1.351	1.317		48.8	50.0	-2.5	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9447	0.8897		47.1	50.0	-5.8	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 860-100341/10
Matrix: Water Lab File ID: T04252345.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 04/25/2023 23:51
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	95		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 860-100772/9
Matrix: Water Lab File ID: E04272343.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2023 21:12
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 100772 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000533	U	0.00100	0.000533
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000801	U	0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	104		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 860-100341/3

Matrix: Water Lab File ID: T04252338.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 04/25/2023 21:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-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.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04735		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04930		0.00100	0.000738
71-43-2	Benzene	0.05227		0.00100	0.000533
91-20-3	Naphthalene	0.05745		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05121		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	94		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 860-100772/3
Matrix: Water Lab File ID: E04272337.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2023 19:09
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 100772 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04910		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04573		0.00100	0.000738
71-43-2	Benzene	0.04944		0.00100	0.000533
91-20-3	Naphthalene	0.05730		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04781		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	104		75-131
2037-26-5	Toluene-d8 (Surr)	99		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 860-100341/4

Matrix: Water Lab File ID: T04252339.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 04/25/2023 21:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-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.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05016		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04677		0.00100	0.000738
71-43-2	Benzene	0.05168		0.00100	0.000533
91-20-3	Naphthalene	0.06157		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05390		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 860-100772/4
Matrix: Water Lab File ID: E04272338.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2023 19:29
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 100772 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04861		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04782		0.00100	0.000738
71-43-2	Benzene	0.04823		0.00100	0.000533
91-20-3	Naphthalene	0.05207		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04919		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
2037-26-5	Toluene-d8 (Surr)	101		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-12-0423 MS Lab Sample ID: 860-47477-25 MS
Matrix: Water Lab File ID: T04252340.D
Analysis Method: 8260D Date Collected: 04/18/2023 14:45
Sample wt/vol: 5 (mL) Date Analyzed: 04/25/2023 22:17
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.07276		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04553		0.00100	0.000738
71-43-2	Benzene	0.05300		0.00100	0.000533
91-20-3	Naphthalene	0.07229		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05673		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	94		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-117

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-12-0423 MSD Lab Sample ID: 860-47477-25 MSD
Matrix: Water Lab File ID: T04252341.D
Analysis Method: 8260D Date Collected: 04/18/2023 14:45
Sample wt/vol: 5 (mL) Date Analyzed: 04/25/2023 22:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 100341 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.07117		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04308		0.00100	0.000738
71-43-2	Benzene	0.05248		0.00100	0.000533
91-20-3	Naphthalene	0.06458		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05379		0.00100	0.000801

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	92		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-117

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Instrument ID: A292 Start Date: 04/26/2023 07:00

Analysis Batch Number: 100412 End Date: 04/26/2023 18:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-100412/1		04/26/2023 07:00	1	E04262302.D	DB-624 0.25 (mm)
IC 860-100412/2		04/26/2023 07:20	1	E04262303.D	DB-624 0.25 (mm)
IC 860-100412/3		04/26/2023 07:41	1	E04262304.D	DB-624 0.25 (mm)
IC 860-100412/4		04/26/2023 08:02	1	E04262305.D	DB-624 0.25 (mm)
IC 860-100412/5		04/26/2023 08:22	1	E04262306.D	DB-624 0.25 (mm)
ICIS 860-100412/6		04/26/2023 08:43	1	E04262307.D	DB-624 0.25 (mm)
IC 860-100412/7		04/26/2023 09:03	1	E04262308.D	DB-624 0.25 (mm)
IC 860-100412/8		04/26/2023 09:24	1	E04262309.D	DB-624 0.25 (mm)
ICV 860-100412/11		04/26/2023 10:25	1	E04262312.D	DB-624 0.25 (mm)
ZZZZZ		04/26/2023 10:25	1		DB-624 0.25 (mm)
ZZZZZ		04/26/2023 10:46	1		DB-624 0.25 (mm)
ZZZZZ		04/26/2023 11:07	1		DB-624 0.25 (mm)
ZZZZZ		04/26/2023 12:29	1		DB-624 0.25 (mm)
ZZZZZ		04/26/2023 12:49	1		DB-624 0.25 (mm)
ZZZZZ		04/26/2023 13:10	1		DB-624 0.25 (mm)
ZZZZZ		04/26/2023 13:30	1		DB-624 0.25 (mm)
ZZZZZ		04/26/2023 14:11	1		DB-624 0.25 (mm)
ZZZZZ		04/26/2023 18:59	1		DB-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Instrument ID: A292Start Date: 04/27/2023 18:07

Analysis Batch Number: 100772End Date: 04/28/2023 03:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-100772/1		04/27/2023 18:07	1	E04272334.D	DB-624 0.25 (mm)
CCVIS 860-100772/2		04/27/2023 18:48	1	E04272336.D	DB-624 0.25 (mm)
LCS 860-100772/3		04/27/2023 19:09	1	E04272337.D	DB-624 0.25 (mm)
LCSD 860-100772/4		04/27/2023 19:29	1	E04272338.D	DB-624 0.25 (mm)
ZZZZZ		04/27/2023 19:50	1		DB-624 0.25 (mm)
MB 860-100772/9		04/27/2023 21:12	1	E04272343.D	DB-624 0.25 (mm)
ZZZZZ		04/27/2023 22:14	1		DB-624 0.25 (mm)
860-47477-12 RA	Artesia-MW-38-0423 RA	04/27/2023 23:36	1	E04272350.D	DB-624 0.25 (mm)
860-47477-16 RA	Artesia-MW-37-0423 RA	04/27/2023 23:56	1	E04272351.D	DB-624 0.25 (mm)
860-47477-25 RA	Artesia-MW-12-0423 RA	04/28/2023 00:17	1	E04272352.D	DB-624 0.25 (mm)
ZZZZZ		04/28/2023 02:20	1		DB-624 0.25 (mm)
ZZZZZ		04/28/2023 02:41	1		DB-624 0.25 (mm)
ZZZZZ		04/28/2023 03:01	1		DB-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Instrument ID: A294

Start Date: 04/12/2023 11:28

Analysis Batch Number: 98266

End Date: 04/12/2023 17:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-98266/1		04/12/2023 11:28	1	T04122307.D	DB-624 0.25 (mm)
IC 860-98266/2		04/12/2023 11:47	1	T04122308.D	DB-624 0.25 (mm)
IC 860-98266/3		04/12/2023 12:06	1	T04122309.D	DB-624 0.25 (mm)
IC 860-98266/4		04/12/2023 12:25	1	T04122310.D	DB-624 0.25 (mm)
IC 860-98266/5		04/12/2023 12:44	1	T04122311.D	DB-624 0.25 (mm)
ICIS 860-98266/6		04/12/2023 13:03	1	T04122312.D	DB-624 0.25 (mm)
IC 860-98266/7		04/12/2023 13:22	1	T04122313.D	DB-624 0.25 (mm)
IC 860-98266/8		04/12/2023 13:41	1	T04122314.D	DB-624 0.25 (mm)
ICV 860-98266/10		04/12/2023 14:56	1	T04122318.D	DB-624 0.25 (mm)
ZZZZZ		04/12/2023 14:56	1		DB-624 0.25 (mm)
ZZZZZ		04/12/2023 15:15	1		DB-624 0.25 (mm)
ZZZZZ		04/12/2023 15:42	1		DB-624 0.25 (mm)
ZZZZZ		04/12/2023 16:58	1		DB-624 0.25 (mm)
ZZZZZ		04/12/2023 17:17	1		DB-624 0.25 (mm)
ZZZZZ		04/12/2023 17:36	1		DB-624 0.25 (mm)
ZZZZZ		04/12/2023 17:55	1		DB-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Instrument ID: A294

Start Date: 04/25/2023 20:42

Analysis Batch Number: 100341

End Date: 04/26/2023 06:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-100341/1		04/25/2023 20:42	1	T04252335.D	DB-624 0.25 (mm)
CCVIS 860-100341/2		04/25/2023 21:20	1	T04252337.D	DB-624 0.25 (mm)
LCS 860-100341/3		04/25/2023 21:39	1	T04252338.D	DB-624 0.25 (mm)
LCSD 860-100341/4		04/25/2023 21:58	1	T04252339.D	DB-624 0.25 (mm)
860-47477-25 MS	Artesia-MW-12-0423 MS	04/25/2023 22:17	1	T04252340.D	DB-624 0.25 (mm)
860-47477-25 MSD	Artesia-MW-12-0423 MSD	04/25/2023 22:36	1	T04252341.D	DB-624 0.25 (mm)
MB 860-100341/10		04/25/2023 23:51	1	T04252345.D	DB-624 0.25 (mm)
860-47477-22	Artesia-TB-01-0423	04/26/2023 00:10	1	T04252346.D	DB-624 0.25 (mm)
860-47477-25	Artesia-MW-12-0423	04/26/2023 00:29	1	T04252347.D	DB-624 0.25 (mm)
ZZZZZ		04/26/2023 00:48	1		DB-624 0.25 (mm)
860-47477-1	Artesia-MW-29-0423	04/26/2023 01:07	1	T04252349.D	DB-624 0.25 (mm)
860-47477-2	Artesia-INLET-0423	04/26/2023 01:26	1	T04252350.D	DB-624 0.25 (mm)
860-47477-3	Artesia-MW-39-0423	04/26/2023 01:45	1	T04252351.D	DB-624 0.25 (mm)
860-47477-4	Artesia-MD-31-0423	04/26/2023 02:04	1	T04252352.D	DB-624 0.25 (mm)
860-47477-5	Artesia-MW-31-0423	04/26/2023 02:23	1	T04252353.D	DB-624 0.25 (mm)
860-47477-6	Artesia-OUTLET-0423	04/26/2023 02:42	1	T04252354.D	DB-624 0.25 (mm)
860-47477-7	Artesia-MW-28-0423	04/26/2023 03:01	1	T04252355.D	DB-624 0.25 (mm)
860-47477-8	Artesia-MW-30-0423	04/26/2023 03:20	1	T04252356.D	DB-624 0.25 (mm)
860-47477-9	Artesia-MID-0423	04/26/2023 03:39	1	T04252357.D	DB-624 0.25 (mm)
860-47477-10	Artesia-MW-40-0423	04/26/2023 03:58	1	T04252358.D	DB-624 0.25 (mm)
860-47477-11	Artesia-MW-35-0423	04/26/2023 04:17	1	T04252359.D	DB-624 0.25 (mm)
860-47477-12	Artesia-MW-38-0423	04/26/2023 04:36	1	T04252360.D	DB-624 0.25 (mm)
860-47477-16	Artesia-MW-37-0423	04/26/2023 04:55	1	T04252361.D	DB-624 0.25 (mm)
860-47477-19	Artesia-MW-11-0423	04/26/2023 05:14	1	T04252362.D	DB-624 0.25 (mm)
860-47477-20	Artesia-MW-11-0423-FD	04/26/2023 05:33	1	T04252363.D	DB-624 0.25 (mm)
860-47477-27	Artesia-MW-36-0423	04/26/2023 05:52	1	T04252364.D	DB-624 0.25 (mm)
860-47477-30	Artesia-MW-17C-0423	04/26/2023 06:11	1	T04252365.D	DB-624 0.25 (mm)

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Batch Number: 98266Batch Start Date: 04/12/23 11:28Batch Analyst: Ngo, Anh

Batch Method: 8260DBatch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00045	VM8260GASSTD 00074	VM8260ISSS50 00020	VM8260LCS 00057
BFB 860-98266/1		8260D		5 mL	5 mL			5 uL	
IC 860-98266/2		8260D		5 mL	5 mL		1 uL	5 uL	
IC 860-98266/3		8260D		5 mL	5 mL		5 uL	5 uL	
IC 860-98266/4		8260D		5 mL	5 mL		10 uL	5 uL	
IC 860-98266/5		8260D		5 mL	5 mL		25 uL	5 uL	
ICIS 860-98266/6		8260D		5 mL	5 mL		50 uL	5 uL	
IC 860-98266/7		8260D		5 mL	5 mL		100 uL	5 uL	
IC 860-98266/8		8260D		5 mL	5 mL		150 uL	5 uL	
ICV 860-98266/10		8260D		5 mL	5 mL	50 uL		5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00102					
BFB 860-98266/1		8260D							
IC 860-98266/2		8260D		1 uL					
IC 860-98266/3		8260D		5 uL					
IC 860-98266/4		8260D		10 uL					
IC 860-98266/5		8260D		25 uL					
ICIS 860-98266/6		8260D		50 uL					
IC 860-98266/7		8260D		100 uL					
IC 860-98266/8		8260D		150 uL					
ICV 860-98266/10		8260D							

Batch Notes	
pH Indicator ID	206722

Basis	Basis Description

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Batch Number: 100341 Batch Start Date: 04/25/23 20:42 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00045	VM8260GASSTD 00074	VM8260ISSS50 00020
BFB 860-100341/1		8260D		5 mL	5 mL				5 uL
CCVIS 860-100341/2		8260D		5 mL	5 mL			50 uL	5 uL
LCS 860-100341/3		8260D		5 mL	5 mL		50 uL		5 uL
LCSD 860-100341/4		8260D		5 mL	5 mL		50 uL		5 uL
860-47477-B-25 MS	Artesia-MW-12-04 23	8260D	T	5 mL	5 mL		40 uL		5 uL
860-47477-B-25 MSD	Artesia-MW-12-04 23	8260D	T	5 mL	5 mL		40 uL		5 uL
MB 860-100341/10		8260D		5 mL	5 mL				5 uL
860-47477-B-22	Artesia-TB-01-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-25	Artesia-MW-12-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-1	Artesia-MW-29-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-2	Artesia-INLET-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-3	Artesia-MW-39-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-4	Artesia-MD-31-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-5	Artesia-MW-31-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-6	Artesia-OUTLET-0 423	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-7	Artesia-MW-28-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-8	Artesia-MW-30-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-9	Artesia-MID-0423	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-A-10	Artesia-MW-40-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-11	Artesia-MW-35-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-12	Artesia-MW-38-04 23	8260D	T	5 mL	5 mL	2 SU			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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number: 100341 Batch Start Date: 04/25/23 20:42 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00045	VM8260GASSTD 00074	VM8260ISSS50 00020
860-47477-B-16	Artesia-MW-37-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-19	Artesia-MW-11-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-20	Artesia-MW-11-04 23-FD	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-27	Artesia-MW-36-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-B-30	Artesia-MW-17C-0 423	8260D	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00057	VM8260STD 00102				
BFB 860-100341/1		8260D							
CCVIS 860-100341/2		8260D			50 uL				
LCS 860-100341/3		8260D		50 uL					
LCSD 860-100341/4		8260D		50 uL					
860-47477-B-25 MS	Artesia-MW-12-04 23	8260D	T	40 uL					
860-47477-B-25 MSD	Artesia-MW-12-04 23	8260D	T	40 uL					
MB 860-100341/10		8260D							
860-47477-B-22	Artesia-TB-01-04 23	8260D	T						
860-47477-B-25	Artesia-MW-12-04 23	8260D	T						
860-47477-B-1	Artesia-MW-29-04 23	8260D	T						
860-47477-B-2	Artesia-INLET-04 23	8260D	T						
860-47477-B-3	Artesia-MW-39-04 23	8260D	T						
860-47477-B-4	Artesia-MD-31-04 23	8260D	T						
860-47477-B-5	Artesia-MW-31-04 23	8260D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number: 100341 Batch Start Date: 04/25/23 20:42 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00057	VM8260STD 00102				
860-47477-B-6	Artesia-OUTLET-0423	8260D	T						
860-47477-B-7	Artesia-MW-28-0423	8260D	T						
860-47477-B-8	Artesia-MW-30-0423	8260D	T						
860-47477-B-9	Artesia-MID-0423	8260D	T						
860-47477-A-10	Artesia-MW-40-0423	8260D	T						
860-47477-B-11	Artesia-MW-35-0423	8260D	T						
860-47477-B-12	Artesia-MW-38-0423	8260D	T						
860-47477-B-16	Artesia-MW-37-0423	8260D	T						
860-47477-B-19	Artesia-MW-11-0423	8260D	T						
860-47477-B-20	Artesia-MW-11-0423-FD	8260D	T						
860-47477-B-27	Artesia-MW-36-0423	8260D	T						
860-47477-B-30	Artesia-MW-17C-0423	8260D	T						

Batch Notes	
pH Indicator ID	206722

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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number: 100412 Batch Start Date: 04/26/23 07:00 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00044	VM8260GASSTD 00074	VM8260ISSS50 00019	VM8260LCS 00056
BFB 860-100412/1		8260D		5 mL	5 mL			5 uL	
IC 860-100412/2		8260D		5 mL	5 mL		1 uL	5 uL	
IC 860-100412/3		8260D		5 mL	5 mL		5 uL	5 uL	
IC 860-100412/4		8260D		5 mL	5 mL		10 uL	5 uL	
IC 860-100412/5		8260D		5 mL	5 mL		25 uL	5 uL	
ICIS 860-100412/6		8260D		5 mL	5 mL		50 uL	5 uL	
IC 860-100412/7		8260D		5 mL	5 mL		100 uL	5 uL	
IC 860-100412/8		8260D		5 mL	5 mL		150 uL	5 uL	
ICV 860-100412/11		8260D		5 mL	5 mL	50 uL		5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00102					
BFB 860-100412/1		8260D							
IC 860-100412/2		8260D		1 uL					
IC 860-100412/3		8260D		5 uL					
IC 860-100412/4		8260D		10 uL					
IC 860-100412/5		8260D		25 uL					
ICIS 860-100412/6		8260D		50 uL					
IC 860-100412/7		8260D		100 uL					
IC 860-100412/8		8260D		150 uL					
ICV 860-100412/11		8260D							

Batch Notes	
pH Indicator ID	
	206722

Basis	Basis Description

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number: 100772 Batch Start Date: 04/27/23 18:07 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00044	VM8260GASSTD 00074	VM8260ISSS50 00019
BFB 860-100772/1		8260D		5 mL	5 mL				5 uL
CCVIS 860-100772/2		8260D		5 mL	5 mL			50 uL	5 uL
LCS 860-100772/3		8260D		5 mL	5 mL		50 uL		5 uL
LCSD 860-100772/4		8260D		5 mL	5 mL		50 uL		5 uL
MB 860-100772/9		8260D		5 mL	5 mL				5 uL
860-47477-C-12	Artesia-MW-38-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-C-16	Artesia-MW-37-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL
860-47477-C-25	Artesia-MW-12-04 23	8260D	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00056	VM8260STD 00102				
BFB 860-100772/1		8260D							
CCVIS 860-100772/2		8260D			50 uL				
LCS 860-100772/3		8260D		50 uL					
LCSD 860-100772/4		8260D		50 uL					
MB 860-100772/9		8260D							
860-47477-C-12	Artesia-MW-38-04 23	8260D	T						
860-47477-C-16	Artesia-MW-37-04 23	8260D	T						
860-47477-C-25	Artesia-MW-12-04 23	8260D	T						

Batch Notes	
pH Indicator ID	206722

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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number: 100772 Batch Start Date: 04/27/23 18:07 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date: _____

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.

8260D

Page 2 of 2

Method 300.0

Anions (IC) by Method 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.:
Matrix: Water Level: Low Lab File ID: 08_May_2023 23_31.d
Lab ID: LCS 860-102220/184 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	10.0	9.272	93	90-110	

Column to be used to flag recovery and RPD values
FORM III 300.0

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Sulfate	10.0	9.242	92	0	20	90-110	

FORM III
HPLC/IC LOW LEVEL CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.:
Matrix: Water Level: Low Lab File ID: 08_May_2023 15_16.d
Lab ID: LLCS 860-102220/7 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LLCS CONCENTRATION (mg/L)	LLCS % REC	QC LIMITS REC	#
Sulfate	0.500	0.2571 J	51	50-150	

Column to be used to flag recovery and RPD values
FORM III 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name:	<u>Eurofins Houston</u>	Job No.:	<u>860-47477-1</u>
SDG No.:	<u></u>		
Lab File ID:	<u>08_May_2023 14_22.d</u>	Lab Sample ID:	<u>MB 860-102220/3</u>
Matrix:	<u>Water</u>	Date Extracted:	<u></u>
Instrument ID:	<u>A166</u>	Date Analyzed:	<u>05/08/2023 14:22</u>
Level: (Low/Med)	<u>Low</u>		

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LLCS 860-102220/7	08_May_2023 15_16.d	05/08/2023 15:16

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Lab File ID: 08_May_2023 23_17.d Lab Sample ID: MB 860-102220/183
Matrix: Water Date Extracted: _____
Instrument ID: A166 Date Analyzed: 05/08/2023 23:17
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-102220/184	08_May_2023 23_31.d	05/08/2023 23:31
	LCSD 860-102220/185	08_May_2023 23_44.d	05/08/2023 23:44
Artesia-MW-38-0423 DL	860-47477-13 DL	09_May_2023 02_11.d	05/09/2023 02:11
Artesia-MW-37-0423	860-47477-15	09_May_2023 02_25.d	05/09/2023 02:25
Artesia-MW-11-0423 DL	860-47477-18 DL	09_May_2023 03_05.d	05/09/2023 03:05
Artesia-MW-12-0423 DL	860-47477-23 DL	09_May_2023 03_31.d	05/09/2023 03:31
Artesia-MW-36-0423 DL	860-47477-26 DL	09_May_2023 03_58.d	05/09/2023 03:58
Artesia-MW-17C-0423 DL	860-47477-29 DL	09_May_2023 04_52.d	05/09/2023 04:52

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-38-0423 DL Lab Sample ID: 860-47477-13 DL
Matrix: Water Lab File ID: 09_May_2023 02_11.d
Analysis Method: 300.0 Date Collected: 04/19/2023 12:05
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 02:11
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	1550		5.00	2.00

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-37-0423 Lab Sample ID: 860-47477-15
Matrix: Water Lab File ID: 09_May_2023 02_25.d
Analysis Method: 300.0 Date Collected: 04/19/2023 09:25
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 02:25
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	58.9		0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-11-0423 DL Lab Sample ID: 860-47477-18 DL
Matrix: Water Lab File ID: 09_May_2023 03_05.d
Analysis Method: 300.0 Date Collected: 04/19/2023 13:25
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 03:05
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2750		5.00	2.00

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-12-0423 DL Lab Sample ID: 860-47477-23 DL
Matrix: Water Lab File ID: 09_May_2023 03_31.d
Analysis Method: 300.0 Date Collected: 04/18/2023 14:45
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 03:31
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2490		5.00	2.00

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-36-0423 DL Lab Sample ID: 860-47477-26 DL
Matrix: Water Lab File ID: 09_May_2023 03_58.d
Analysis Method: 300.0 Date Collected: 04/18/2023 16:45
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 03:58
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2140		5.00	2.00

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: Artesia-MW-17C-0423 DL Lab Sample ID: 860-47477-29 DL
Matrix: Water Lab File ID: 09_May_2023 04_52.d
Analysis Method: 300.0 Date Collected: 04/18/2023 12:00
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 04:52
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2340		5.00	2.00

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 101063
SDG No.: _____
Instrument ID: A166 GC Column: AS-18 ID: 0.004 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/28/2023 21:51 Calibration End Date: 04/28/2023 23:42 Calibration ID: 5119

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-101063/1	28_Apr_2023 21_51.d
Level 2	IC 860-101063/2	28_Apr_2023 22_03.d
Level 3	IC 860-101063/3	28_Apr_2023 22_15.d
Level 4	IC 860-101063/4	28_Apr_2023 22_28.d
Level 5	IC 860-101063/5	28_Apr_2023 22_40.d
Level 6	IC 860-101063/6	28_Apr_2023 22_52.d
Level 7	IC 860-101063/7	28_Apr_2023 23_05.d
Level 8	IC 860-101063/8	28_Apr_2023 23_17.d
Level 9	IC 860-101063/9	28_Apr_2023 23_30.d
Level 10	IC 860-101063/10	28_Apr_2023 23_42.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	LVL 10	RT WINDOW	AVG RT
Fluoride	+++++	+++++	3.863	3.870	3.890	3.910	3.923	+++++	+++++	+++++	3.620 - 4.120	3.891
Chloride	+++++	+++++	4.823	4.827	4.827	4.827	4.820	4.810	4.793	4.763	4.577 - 5.077	4.811
Sulfate	+++++	6.013	6.003	6.010	6.007	5.990	5.993	5.923	5.813	5.673	5.760 - 6.260	5.936
Bromide	+++++	+++++	6.987	6.987	6.983	6.973	6.947	6.813	+++++	+++++	6.737 - 7.237	6.948

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 101063

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/28/2023 21:51 Calibration End Date: 04/28/2023 23:42 Calibration ID: 5119

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-101063/1	28_Apr_2023 21_51.d
Level 2	IC 860-101063/2	28_Apr_2023 22_03.d
Level 3	IC 860-101063/3	28_Apr_2023 22_15.d
Level 4	IC 860-101063/4	28_Apr_2023 22_28.d
Level 5	IC 860-101063/5	28_Apr_2023 22_40.d
Level 6	IC 860-101063/6	28_Apr_2023 22_52.d
Level 7	IC 860-101063/7	28_Apr_2023 23_05.d
Level 8	IC 860-101063/8	28_Apr_2023 23_17.d
Level 9	IC 860-101063/9	28_Apr_2023 23_30.d
Level 10	IC 860-101063/10	28_Apr_2023 23_42.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6 LVL 10	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Fluoride	++++ 32423602 ++++	++++ 32048832 ++++	31842548 31182690	31851200 ++++	Lin1	473613.86 7	31552453. 1							1.0000		0.9950
Chloride	++++ 19287677 21161945	++++ 19774421 20859104	16108162 20089168	17052089 21317125	Lin1	-3629890. 5	20983487. 6							1.0000		0.9950
Sulfate	++++ 16985816 15413676	15969085 17437356 14648367	15553488 17675079	15530920 15894802	Lin1	1091746.8 5	15108337. 2							0.9980		0.9950
Bromide	++++ 8070271 ++++	++++ 8422231 ++++	6587064 8642257	6908086 8813833	Lin1	-1556766. 6	8779079.5 5							1.0000		0.9950

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-47477-1 Analy Batch No.: 101063
SDG No.: _____
Instrument ID: A166 GC Column: AS-18 ID: 0.004 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/28/2023 21:51 Calibration End Date: 04/28/2023 23:42 Calibration ID: 5119

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-101063/1	28_Apr_2023 21_51.d
Level 2	IC 860-101063/2	28_Apr_2023 22_03.d
Level 3	IC 860-101063/3	28_Apr_2023 22_15.d
Level 4	IC 860-101063/4	28_Apr_2023 22_28.d
Level 5	IC 860-101063/5	28_Apr_2023 22_40.d
Level 6	IC 860-101063/6	28_Apr_2023 22_52.d
Level 7	IC 860-101063/7	28_Apr_2023 23_05.d
Level 8	IC 860-101063/8	28_Apr_2023 23_17.d
Level 9	IC 860-101063/9	28_Apr_2023 23_30.d
Level 10	IC 860-101063/10	28_Apr_2023 23_42.d

ANALYTE	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
Fluoride	Lin1	+++++	+++++	15921274	31851200	162118008	+++++	+++++	0.500	1.00	5.00
		320488319	623653805	+++++	+++++	+++++	10.0	20.0	+++++	+++++	+++++
Chloride	Lin1	+++++	+++++	8054081	17052089	96438384	+++++	+++++	0.500	1.00	5.00
		197744207	401783356	213171245 2	529048625 8	104295518 40	10.0	20.0	100	250	500
Sulfate	Lin1	+++++	3193817	7776744	15530920	84929080	+++++	0.200	0.500	1.00	5.00
		174373558	353501582	158948021 7	385341897 6	732418340 5	10.0	20.0	100	250	500
Bromide	Lin1	+++++	+++++	3293532	6908086	40351355	+++++	+++++	0.500	1.00	5.00
		84222305	172845134	881383347	+++++	+++++	10.0	20.0	100	+++++	+++++

Curve Type Legend

Lin1 = Linear 1/conc

Calibration

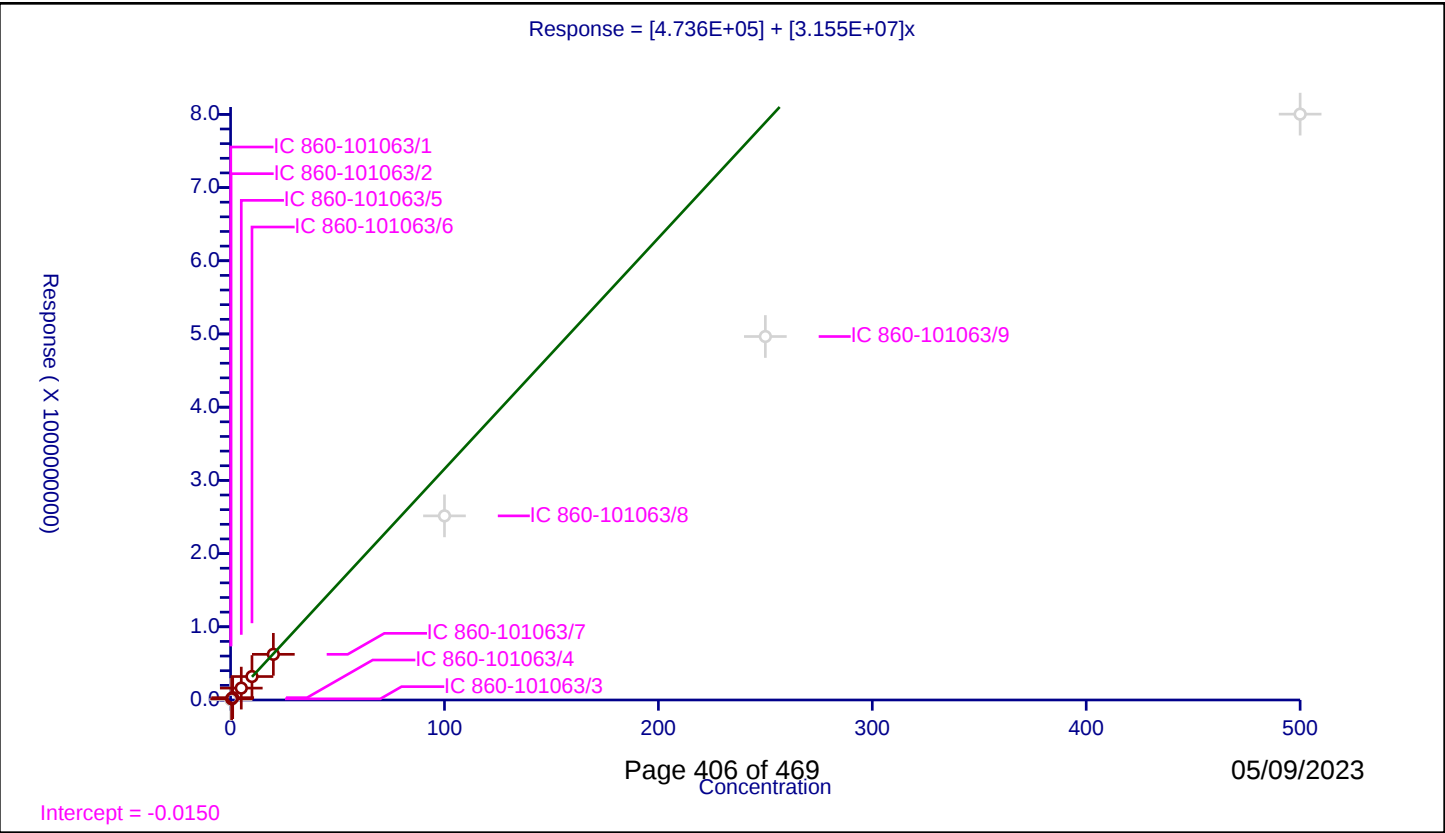
/ Fluoride

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	4.736E+05
Slope:	3.155E+07

Error Coefficients	
Standard Error:	5690000
Relative Standard Error:	2.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-101063/1	0.1	4624983.0			46249830.0	N
2	IC 860-101063/2	0.2	7274286.0			36371430.0	N
3	IC 860-101063/3	0.5	15921274.0			31842548.0	Y
4	IC 860-101063/4	1.0	31851200.0			31851200.0	Y
5	IC 860-101063/5	5.0	162118008.0			32423601.6	Y
6	IC 860-101063/6	10.0	320488319.0			32048831.9	Y
7	IC 860-101063/7	20.0	623653805.0			31182690.25	Y
8	IC 860-101063/8	100.0	2515044897.0			25150448.97	N
9	IC 860-101063/9	250.0	4965295199.0			19861180.796	N
10	IC 860-101063/10	500.0	8002868798.0			16005737.596	N



Calibration

/ Chloride

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

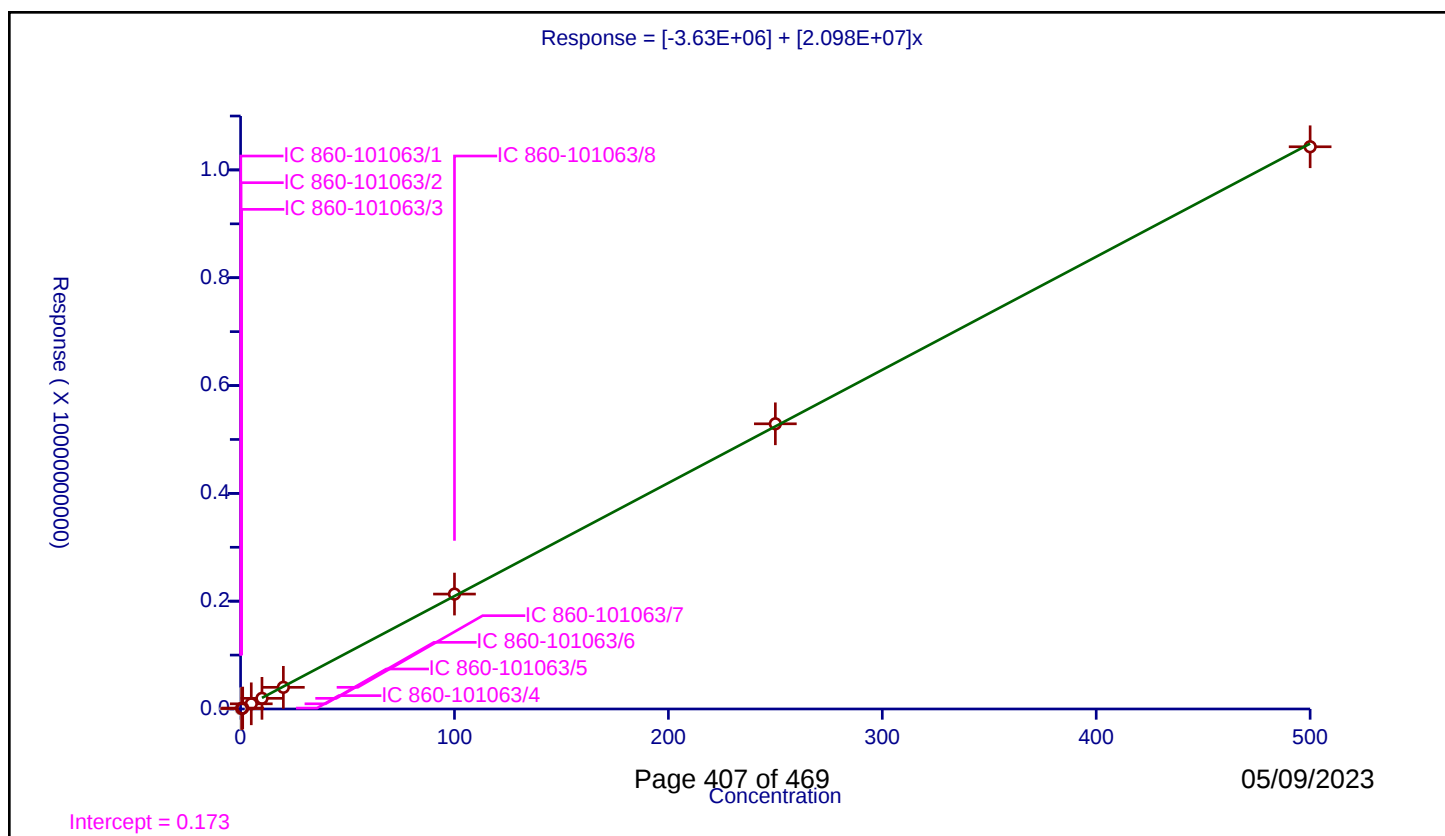
Curve Coefficients

Intercept: -3.63E+06
Slope: 2.098E+07

Error Coefficients

Standard Error: 35200000
Relative Standard Error: 5.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-101063/1	0.1	1699815.0			16998150.0	N
2	IC 860-101063/2	0.2	3209713.0			16048565.0	N
3	IC 860-101063/3	0.5	8054081.0			16108162.0	Y
4	IC 860-101063/4	1.0	17052089.0			17052089.0	Y
5	IC 860-101063/5	5.0	96438384.0			19287676.8	Y
6	IC 860-101063/6	10.0	197744207.0			19774420.7	Y
7	IC 860-101063/7	20.0	401783356.0			20089167.8	Y
8	IC 860-101063/8	100.0	2131712452.0			21317124.52	Y
9	IC 860-101063/9	250.0	5290486258.0			21161945.032	Y
10	IC 860-101063/10	500.0	10429551840.0			20859103.68	Y



Calibration

/ Sulfate

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

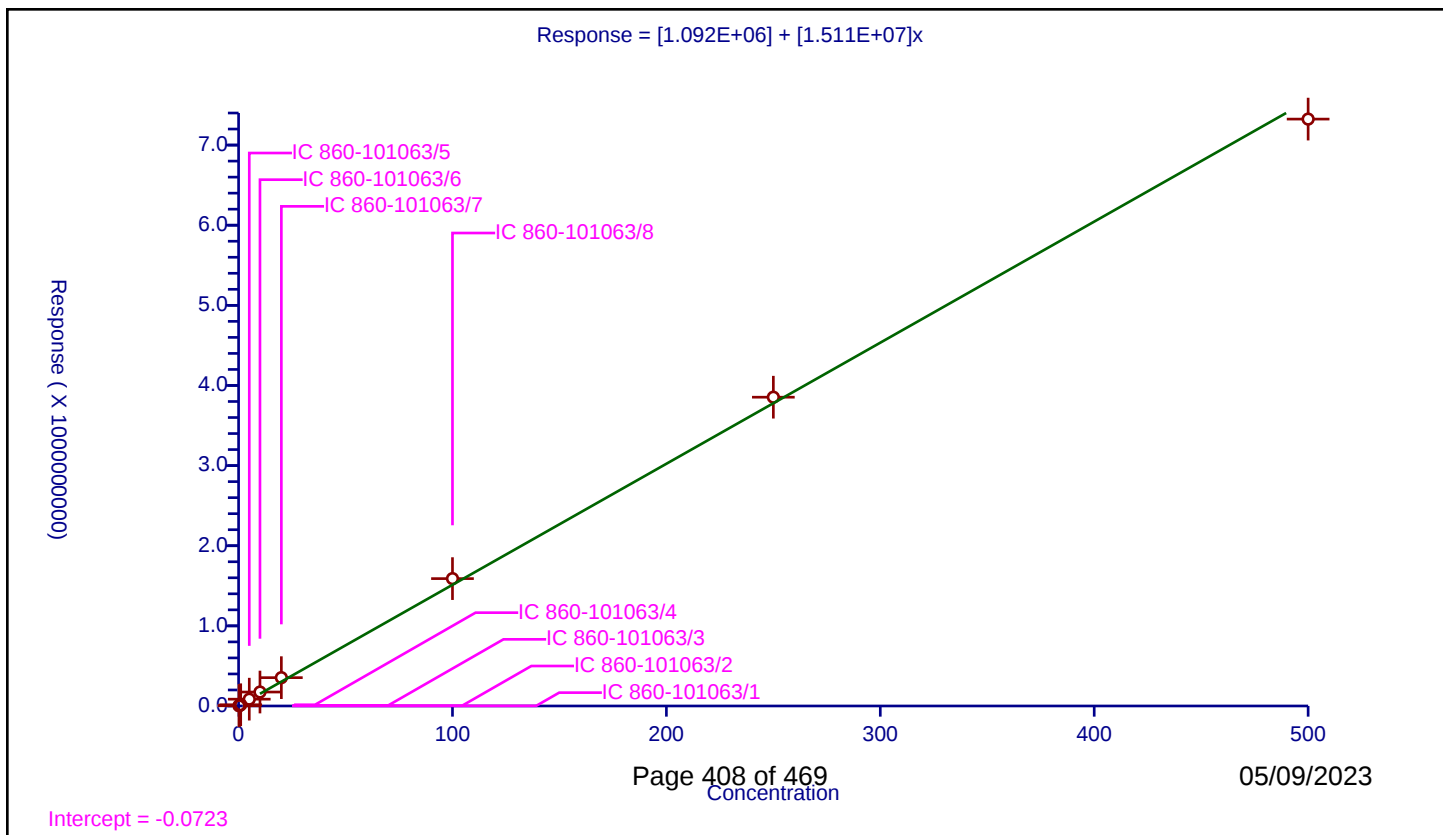
Curve Coefficients

Intercept: 1.092E+06
Slope: 1.511E+07

Error Coefficients

Standard Error: 98700000
Relative Standard Error: 15.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-101063/1	0.1	1772898.0			17728980.0	N
2	IC 860-101063/2	0.2	3193817.0			15969085.0	Y
3	IC 860-101063/3	0.5	7776744.0			15553488.0	Y
4	IC 860-101063/4	1.0	15530920.0			15530920.0	Y
5	IC 860-101063/5	5.0	84929080.0			16985816.0	Y
6	IC 860-101063/6	10.0	174373558.0			17437355.8	Y
7	IC 860-101063/7	20.0	353501582.0			17675079.1	Y
8	IC 860-101063/8	100.0	1589480217.0			15894802.17	Y
9	IC 860-101063/9	250.0	3853418976.0			15413675.904	Y
10	IC 860-101063/10	500.0	7324183405.0			14648366.81	Y



Calibration

/ Bromide

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

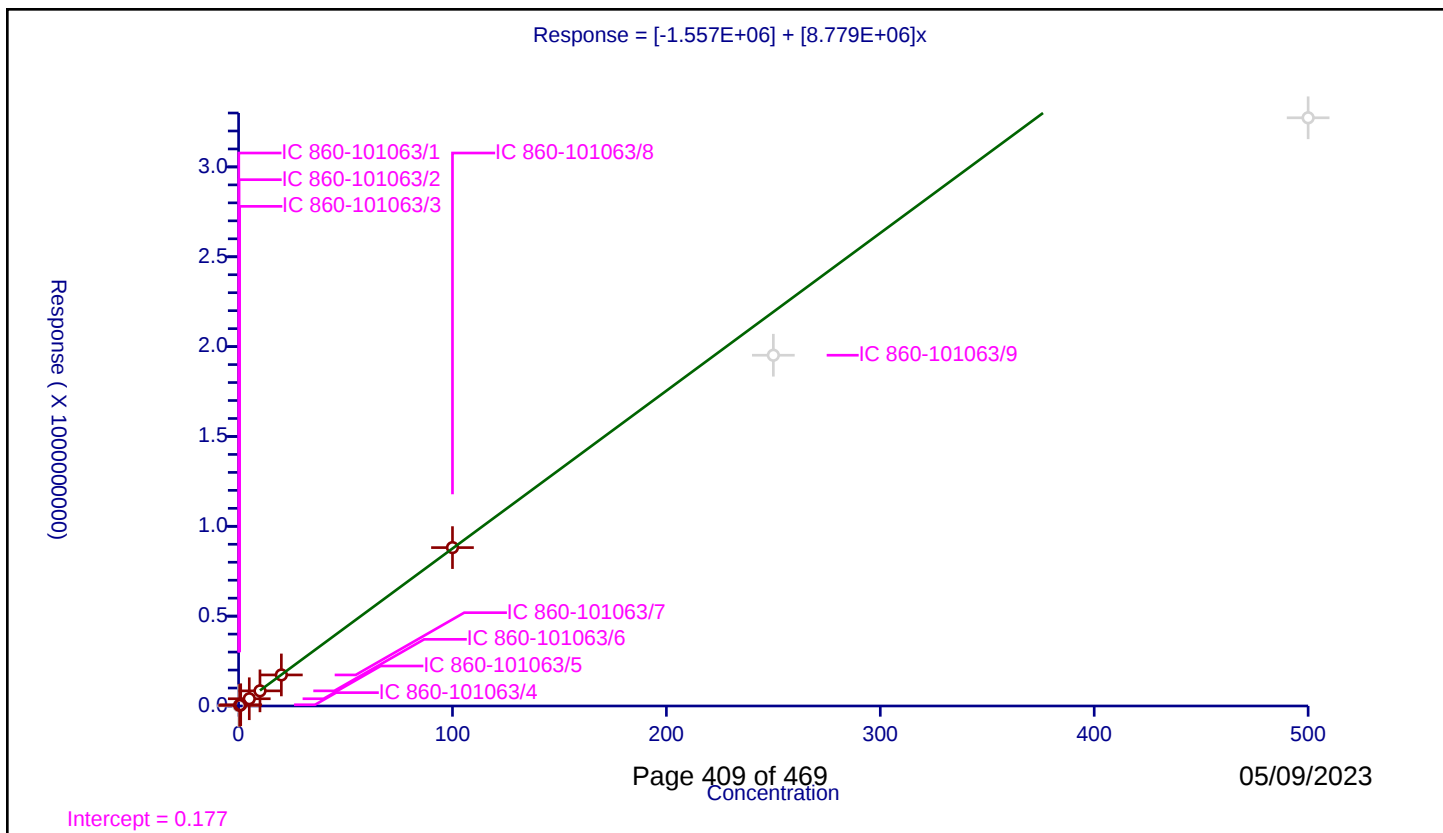
Curve Coefficients

Intercept: -1.557E+06
Slope: 8.779E+06

Error Coefficients

Standard Error: 2960000
Relative Standard Error: 6.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-101063/1	0.1	702416.0			7024160.0	N
2	IC 860-101063/2	0.2	1374933.0			6874665.0	N
3	IC 860-101063/3	0.5	3293532.0			6587064.0	Y
4	IC 860-101063/4	1.0	6908086.0			6908086.0	Y
5	IC 860-101063/5	5.0	40351355.0			8070271.0	Y
6	IC 860-101063/6	10.0	84222305.0			8422230.5	Y
7	IC 860-101063/7	20.0	172845134.0			8642256.7	Y
8	IC 860-101063/8	100.0	881383347.0			8813833.47	Y
9	IC 860-101063/9	250.0	1952001383.0			7808005.532	N
10	IC 860-101063/10	500.0	3273440645.0			6546881.29	N



FORM VII

HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Lab Sample ID: CCVRT 860-102220/1Calibration Date: 05/08/2023 13:56

Instrument ID: A166Calib Start Date: 04/28/2023 21:51

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 04/28/2023 23:42

Lab File ID: 08_May_2023 13_56.dConc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		32961783		10.4	10.0	4.3	10.0
Chloride	Lin1		20404537		9.90	10.0	-1.0	10.0
Sulfate	Lin1		13890948		9.12	10.0	-8.8	10.0
Bromide	Lin1		8064103		9.36	10.0	-6.4	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Lab Sample ID: CCVRT 860-102220/1Calibration Date: 05/08/2023 13:56

Instrument ID: A166Calib Start Date: 04/28/2023 21:51

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 04/28/2023 23:42

Lab File ID: 08_May_2023 13_56.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.90	3.65	4.15
Chloride	4.88	4.63	5.13
Sulfate	6.45	6.20	6.70
Bromide	7.08	6.83	7.33

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Lab Sample ID: CCV 860-102220/12 Calibration Date: 05/08/2023 16:23
Instrument ID: A166 Calib Start Date: 04/28/2023 21:51
GC Column: AS-18 ID: 0.00 (mm) Calib End Date: 04/28/2023 23:42
Lab File ID: 08_May_2023 16_23.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		32964525		10.4	10.0	4.3	10.0
Chloride	Lin1		20419411		9.90	10.0	-1.0	10.0
Sulfate	Lin1		13917165		9.14	10.0	-8.6	10.0
Bromide	Lin1		8053054		9.35	10.0	-6.5	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Lab Sample ID: CCV 860-102220/12Calibration Date: 05/08/2023 16:23

Instrument ID: A166Calib Start Date: 04/28/2023 21:51

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 04/28/2023 23:42

Lab File ID: 08_May_2023 16_23.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.90	3.65	4.15
Chloride	4.87	4.63	5.13
Sulfate	6.44	6.20	6.70
Bromide	7.07	6.83	7.33

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: CCV 860-102220/181 Calibration Date: 05/08/2023 22:51

Instrument ID: A166 Calib Start Date: 04/28/2023 21:51

GC Column: AS-18 ID: 0.00 (mm) Calib End Date: 04/28/2023 23:42

Lab File ID: 08_May_2023 22_51.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		32999221		10.4	10.0	4.4	10.0
Chloride	Lin1		20432308		9.91	10.0	-0.9	10.0
Sulfate	Lin1		14047673		9.23	10.0	-7.7	10.0
Bromide	Lin1		8169625		9.48	10.0	-5.2	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Lab Sample ID: CCV 860-102220/181Calibration Date: 05/08/2023 22:51

Instrument ID: A166Calib Start Date: 04/28/2023 21:51

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 04/28/2023 23:42

Lab File ID: 08_May_2023 22_51.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.90	3.65	4.15
Chloride	4.87	4.63	5.13
Sulfate	6.41	6.20	6.70
Bromide	7.07	6.83	7.33

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Lab Sample ID: CCV 860-102220/193 Calibration Date: 05/09/2023 01:31
Instrument ID: A166 Calib Start Date: 04/28/2023 21:51
GC Column: AS-18 ID: 0.00 (mm) Calib End Date: 04/28/2023 23:42
Lab File ID: 09_May_2023 01_31.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		33228944		10.5	10.0	5.2	10.0
Chloride	Lin1		20583348		9.98	10.0	-0.2	10.0
Sulfate	Lin1		14135945		9.28	10.0	-7.2	10.0
Bromide	Lin1		8208089		9.53	10.0	-4.7	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Lab Sample ID: CCV 860-102220/193Calibration Date: 05/09/2023 01:31

Instrument ID: A166Calib Start Date: 04/28/2023 21:51

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 04/28/2023 23:42

Lab File ID: 09_May_2023 01_31.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.89	3.65	4.15
Chloride	4.87	4.63	5.13
Sulfate	6.40	6.20	6.70
Bromide	7.07	6.83	7.33

FORM VII

HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Lab Sample ID: CCV 860-102220/205Calibration Date: 05/09/2023 04:11

Instrument ID: A166Calib Start Date: 04/28/2023 21:51

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 04/28/2023 23:42

Lab File ID: 09_May_2023 04_11.dConc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		33061482		10.5	10.0	4.6	10.0
Chloride	Lin1		20657655		10.0	10.0	0.2	10.0
Sulfate	Lin1		14063115		9.24	10.0	-7.6	10.0
Bromide	Lin1		8164865		9.48	10.0	-5.2	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Lab Sample ID: CCV 860-102220/205Calibration Date: 05/09/2023 04:11

Instrument ID: A166Calib Start Date: 04/28/2023 21:51

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 04/28/2023 23:42

Lab File ID: 09_May_2023 04_11.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.90	3.65	4.15
Chloride	4.87	4.63	5.13
Sulfate	6.43	6.20	6.70
Bromide	7.08	6.83	7.33

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Lab Sample ID: CCV 860-102220/217 Calibration Date: 05/09/2023 06:52

Instrument ID: A166 Calib Start Date: 04/28/2023 21:51

GC Column: AS-18 ID: 0.00 (mm) Calib End Date: 04/28/2023 23:42

Lab File ID: 09_May_2023 06_52.d Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		33091680		10.5	10.0	4.7	10.0
Chloride	Lin1		20790743		10.1	10.0	0.8	10.0
Sulfate	Lin1		14653434		9.63	10.0	-3.7	10.0
Bromide	Lin1		8903983		10.3	10.0	3.2	10.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Lab Sample ID: CCV 860-102220/217 Calibration Date: 05/09/2023 06:52
Instrument ID: A166 Calib Start Date: 04/28/2023 21:51
GC Column: AS-18 ID: 0.00 (mm) Calib End Date: 04/28/2023 23:42
Lab File ID: 09_May_2023 06_52.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	3.90	3.65	4.15
Chloride	4.87	4.63	5.13
Sulfate	6.42	6.20	6.70
Bromide	7.07	6.83	7.33

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 860-102220/3
Matrix: Water Lab File ID: 08_May_2023 14_22.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/08/2023 14:22
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 860-102220/183

Matrix: Water

Lab File ID: 08_May_2023 23_17.d

Analysis Method: 300.0

Date Collected:

Extraction Method:

Date Extracted:

Sample wt/vol: 0 (mL)

Date Analyzed: 05/08/2023 23:17

Con. Extract Vol.:

Dilution Factor: 1

Injection Volume: 1 (uL)

GC Column: AS-18 ID: 0.004 (mm)

% Moisture: % Solids:

GPC Cleanup: (Y/N) N

Cleanup Factor:

Analysis Batch No.: 102220

Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: CCB 860-102220/2
Matrix: Water Lab File ID: 08_May_2023 14_09.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/08/2023 14:09
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: CCB 860-102220/13
Matrix: Water Lab File ID: 08_May_2023 16_36.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/08/2023 16:36
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Client Sample ID:Lab Sample ID: CCB 860-102220/182

Matrix: WaterLab File ID: 08_May_2023 23_04.d

Analysis Method: 300.0Date Collected:

Extraction Method:Date Extracted:

Sample wt/vol: 0 (mL)Date Analyzed: 05/08/2023 23:04

Con. Extract Vol.:Dilution Factor: 1

Injection Volume: 1 (uL)GC Column: AS-18ID: 0.004 (mm)

% Moisture: % Solids:GPC Cleanup: (Y/N) N

Cleanup Factor:

Analysis Batch No.: 102220Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: CCB 860-102220/194
Matrix: Water Lab File ID: 09_May_2023 01_45.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 01:45
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: CCB 860-102220/206
Matrix: Water Lab File ID: 09_May_2023 04_25.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 04:25
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: CCB 860-102220/218
Matrix: Water Lab File ID: 09_May_2023 07_05.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/09/2023 07:05
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Client Sample ID:Lab Sample ID: ICB 860-80208/9

Matrix: WaterLab File ID: 03_Dec_2022 21_56.d

Analysis Method: 300.0Date Collected:

Extraction Method:Date Extracted:

Sample wt/vol: 0(mL)Date Analyzed: 12/03/2022 21:56

Con. Extract Vol.: 1.0(mL)Dilution Factor: 1

Injection Volume: 1(uL)GC Column: AS-18ID: 0.004(mm)

% Moisture: % Solids:GPC Cleanup: (Y/N) N

Cleanup Factor:

Analysis Batch No.: 80208Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 860-102220/184
Matrix: Water Lab File ID: 08_May_2023 23_31.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/08/2023 23:31
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.272		0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 860-102220/185
Matrix: Water Lab File ID: 08_May_2023 23_44.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 05/08/2023 23:44
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 102220 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	9.242		0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Client Sample ID:Lab Sample ID: LLCs 860-102220/7

Matrix: WaterLab File ID: 08_May_2023 15_16.d

Analysis Method: 300.0Date Collected:

Extraction Method:Date Extracted:

Sample wt/vol: 0 (mL)Date Analyzed: 05/08/2023 15:16

Con. Extract Vol.:Dilution Factor: 1

Injection Volume: 1 (uL)GC Column: AS-18ID: 0.004 (mm)

% Moisture: % Solids:GPC Cleanup: (Y/N) N

Cleanup Factor:

Analysis Batch No.: 102220Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.2571	J	0.500	0.200

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Instrument ID: A166 Start Date: 12/03/2022 18:13

Analysis Batch Number: 80208 End Date: 12/04/2022 01:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-80208/1		12/03/2022 18:13	1		AS-18 0.004 (mm)
IC 860-80208/2		12/03/2022 18:35	1		AS-18 0.004 (mm)
IC 860-80208/3		12/03/2022 18:58	1		AS-18 0.004 (mm)
ICRT 860-80208/4		12/03/2022 19:20	1		AS-18 0.004 (mm)
IC 860-80208/5		12/03/2022 19:42	1		AS-18 0.004 (mm)
IC 860-80208/6		12/03/2022 20:05	1		AS-18 0.004 (mm)
IC 860-80208/7		12/03/2022 20:27	1		AS-18 0.004 (mm)
CCV 860-80208/8		12/03/2022 21:34	1		AS-18 0.004 (mm)
ICB 860-80208/9		12/03/2022 21:56	1	03_Dec_2022 21_56.d	AS-18 0.004 (mm)
ZZZZZ		12/03/2022 22:19	1		AS-18 0.004 (mm)
ZZZZZ		12/03/2022 22:41	1		AS-18 0.004 (mm)
ZZZZZ		12/03/2022 23:04	1		AS-18 0.004 (mm)
ZZZZZ		12/03/2022 23:26	1		AS-18 0.004 (mm)
ZZZZZ		12/03/2022 23:48	1		AS-18 0.004 (mm)
ZZZZZ		12/04/2022 00:11	1		AS-18 0.004 (mm)
ZZZZZ		12/04/2022 00:33	10		AS-18 0.004 (mm)
CCV 860-80208/17		12/04/2022 00:56	1		AS-18 0.004 (mm)
CCB 860-80208/18		12/04/2022 01:18	1		AS-18 0.004 (mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Instrument ID: A166

Start Date: 04/28/2023 21:51

Analysis Batch Number: 101063

End Date: 04/29/2023 12:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-101063/1		04/28/2023 21:51	1	28_Apr_2023 21_51.d	AS-18 0.004 (mm)
IC 860-101063/2		04/28/2023 22:03	1	28_Apr_2023 22_03.d	AS-18 0.004 (mm)
IC 860-101063/3		04/28/2023 22:15	1	28_Apr_2023 22_15.d	AS-18 0.004 (mm)
IC 860-101063/4		04/28/2023 22:28	1	28_Apr_2023 22_28.d	AS-18 0.004 (mm)
IC 860-101063/5		04/28/2023 22:40	1	28_Apr_2023 22_40.d	AS-18 0.004 (mm)
IC 860-101063/6		04/28/2023 22:52	1	28_Apr_2023 22_52.d	AS-18 0.004 (mm)
IC 860-101063/7		04/28/2023 23:05	1	28_Apr_2023 23_05.d	AS-18 0.004 (mm)
IC 860-101063/8		04/28/2023 23:17	1	28_Apr_2023 23_17.d	AS-18 0.004 (mm)
IC 860-101063/9		04/28/2023 23:30	1	28_Apr_2023 23_30.d	AS-18 0.004 (mm)
IC 860-101063/10		04/28/2023 23:42	1	28_Apr_2023 23_42.d	AS-18 0.004 (mm)
CCVRT 860-101063/11		04/29/2023 00:19	1		AS-18 0.004 (mm)
CCB 860-101063/12		04/29/2023 00:31	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 00:44	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 00:56	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 01:08	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 01:21	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 01:33	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 01:46	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 01:58	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 02:10	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 02:23	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 02:35	1		AS-18 0.004 (mm)
CCV 860-101063/23		04/29/2023 02:48	1		AS-18 0.004 (mm)
CCB 860-101063/24		04/29/2023 03:00	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 03:12	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 03:25	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 03:37	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 03:49	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 04:02	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 04:14	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 04:26	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 04:39	1		AS-18 0.004 (mm)
CCV 860-101063/33		04/29/2023 04:51	1		AS-18 0.004 (mm)
CCB 860-101063/34		04/29/2023 05:03	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 05:16	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 05:28	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 05:41	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 06:05	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 06:18	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 06:30	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 06:42	1		AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Instrument ID: A166 Start Date: 04/28/2023 21:51

Analysis Batch Number: 101063 End Date: 04/29/2023 12:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/29/2023 06:55	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 07:07	1		AS-18 0.004 (mm)
CCV 860-101063/45		04/29/2023 07:19	1		AS-18 0.004 (mm)
CCB 860-101063/46		04/29/2023 07:32	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 07:44	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 07:56	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 08:09	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 08:21	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 08:33	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 08:46	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 08:58	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 09:11	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 09:23	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 09:35	1		AS-18 0.004 (mm)
CCV 860-101063/57		04/29/2023 09:48	1		AS-18 0.004 (mm)
CCB 860-101063/58		04/29/2023 10:00	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 10:12	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 10:25	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 10:37	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 10:49	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 11:02	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 11:14	10		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 11:26	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 11:39	10		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 11:51	1		AS-18 0.004 (mm)
ZZZZZ		04/29/2023 12:03	10		AS-18 0.004 (mm)
CCV 860-101063/69		04/29/2023 12:16	1		AS-18 0.004 (mm)
CCB 860-101063/70		04/29/2023 12:28	1		AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Instrument ID: A166

Start Date: 05/08/2023 13:56

Analysis Batch Number: 102220

End Date: 05/09/2023 08:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-102220/1		05/08/2023 13:56	1	08_May_2023 13_56.d	AS-18 0.004 (mm)
CCB 860-102220/2		05/08/2023 14:09	1	08_May_2023 14_09.d	AS-18 0.004 (mm)
MB 860-102220/3		05/08/2023 14:22	1	08_May_2023 14_22.d	AS-18 0.004 (mm)
ZZZZZ		05/08/2023 14:36	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 14:49	1		AS-18 0.004 (mm)
LLCS 860-102220/7		05/08/2023 15:16	1	08_May_2023 15_16.d	AS-18 0.004 (mm)
ZZZZZ		05/08/2023 15:29	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 15:42	10		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 15:56	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 16:09	10		AS-18 0.004 (mm)
CCV 860-102220/12		05/08/2023 16:23	1	08_May_2023 16_23.d	AS-18 0.004 (mm)
CCB 860-102220/13		05/08/2023 16:36	1	08_May_2023 16_36.d	AS-18 0.004 (mm)
ZZZZZ		05/08/2023 16:49	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 17:03	10		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 17:16	10		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 17:29	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 17:43	100		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 17:56	100		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 18:09	100		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 18:23	10		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 18:36	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 18:50	1		AS-18 0.004 (mm)
CCV 860-102220/164		05/08/2023 19:03	1		AS-18 0.004 (mm)
CCB 860-102220/165		05/08/2023 19:16	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 19:30	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 19:43	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 19:57	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 20:10	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 20:23	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 20:37	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 20:50	500		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 21:04	500		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 21:17	500		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 21:30	500		AS-18 0.004 (mm)
CCV 860-102220/176		05/08/2023 21:44	1		AS-18 0.004 (mm)
CCB 860-102220/177		05/08/2023 21:57	1		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 22:11	500		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 22:24	500		AS-18 0.004 (mm)
ZZZZZ		05/08/2023 22:37	500		AS-18 0.004 (mm)
CCV 860-102220/181		05/08/2023 22:51	1	08_May_2023 22_51.d	AS-18 0.004 (mm)
CCB 860-102220/182		05/08/2023 23:04	1	08_May_2023 23_04.d	AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Instrument ID: A166 Start Date: 05/08/2023 13:56

Analysis Batch Number: 102220 End Date: 05/09/2023 08:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MB 860-102220/183		05/08/2023 23:17	1	08_May_2023 23_17.d	AS-18 0.004 (mm)
LCS 860-102220/184		05/08/2023 23:31	1	08_May_2023 23_31.d	AS-18 0.004 (mm)
LCSD 860-102220/185		05/08/2023 23:44	1	08_May_2023 23_44.d	AS-18 0.004 (mm)
ZZZZZ		05/08/2023 23:57	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 00:11	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 00:24	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 00:37	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 00:51	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 01:04	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 01:18	1		AS-18 0.004 (mm)
CCV 860-102220/193		05/09/2023 01:31	1	09_May_2023 01_31.d	AS-18 0.004 (mm)
CCB 860-102220/194		05/09/2023 01:45	1	09_May_2023 01_45.d	AS-18 0.004 (mm)
860-47477-13	Artesia-MW-38-0423	05/09/2023 01:58	1	09_May_2023 01_58.d	AS-18 0.004 (mm)
860-47477-13 DL	Artesia-MW-38-0423 DL	05/09/2023 02:11	10	09_May_2023 02_11.d	AS-18 0.004 (mm)
860-47477-15	Artesia-MW-37-0423	05/09/2023 02:25	1	09_May_2023 02_25.d	AS-18 0.004 (mm)
860-47477-15 DL	Artesia-MW-37-0423 DL	05/09/2023 02:38	10	09_May_2023 02_38.d	AS-18 0.004 (mm)
860-47477-18	Artesia-MW-11-0423	05/09/2023 02:51	1	09_May_2023 02_51.d	AS-18 0.004 (mm)
860-47477-18 DL	Artesia-MW-11-0423 DL	05/09/2023 03:05	10	09_May_2023 03_05.d	AS-18 0.004 (mm)
860-47477-23	Artesia-MW-12-0423	05/09/2023 03:18	1	09_May_2023 03_18.d	AS-18 0.004 (mm)
860-47477-23 DL	Artesia-MW-12-0423 DL	05/09/2023 03:31	10	09_May_2023 03_31.d	AS-18 0.004 (mm)
860-47477-26	Artesia-MW-36-0423	05/09/2023 03:45	1	09_May_2023 03_45.d	AS-18 0.004 (mm)
860-47477-26 DL	Artesia-MW-36-0423 DL	05/09/2023 03:58	10	09_May_2023 03_58.d	AS-18 0.004 (mm)
CCV 860-102220/205		05/09/2023 04:11	1	09_May_2023 04_11.d	AS-18 0.004 (mm)
CCB 860-102220/206		05/09/2023 04:25	1	09_May_2023 04_25.d	AS-18 0.004 (mm)
860-47477-29	Artesia-MW-17C-0423	05/09/2023 04:38	1	09_May_2023 04_38.d	AS-18 0.004 (mm)
860-47477-29 DL	Artesia-MW-17C-0423 DL	05/09/2023 04:52	10	09_May_2023 04_52.d	AS-18 0.004 (mm)
ZZZZZ		05/09/2023 05:05	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 05:18	10		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 05:32	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 05:45	10		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 05:58	1		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 06:12	10		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 06:25	10		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 06:38	100		AS-18 0.004 (mm)
CCV 860-102220/217		05/09/2023 06:52	1	09_May_2023 06_52.d	AS-18 0.004 (mm)
CCB 860-102220/218		05/09/2023 07:05	1	09_May_2023 07_05.d	AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Instrument ID: A166

Start Date: 05/08/2023 13:56

Analysis Batch Number: 102220

End Date: 05/09/2023 08:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/09/2023 07:18	100		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 07:32	100		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 07:45	100		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 07:59	100		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 08:12	100		AS-18 0.004 (mm)
ZZZZZ		05/09/2023 08:25	100		AS-18 0.004 (mm)
CCV 860-102220/225		05/09/2023 08:39	1		AS-18 0.004 (mm)
CCB 860-102220/226		05/09/2023 08:52	1		AS-18 0.004 (mm)

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Batch Number: 80208 Batch Start Date: 12/03/22 18:13 Batch Analyst: Burns, Ranada

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
ICB 860-80208/9		300.0		0 mL	1.0 mL				

Batch Notes	
Filter ID	0.2 um F2600-2 LOT# 00319667
Pipette/Syringe/Dispenser ID	WC63WC65WC50/LOT 22238673 PART 3010736
Eluent 1 ID	861089

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.

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number:	101063	Batch Start Date:	04/28/23	21:51	Batch Analyst:	Prommek, Warangkhan
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Batch Method: 300.0 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-IC-P1 00005	WC-IC-P2 00007		
IC 860-101063/1		300.0		0 mL	1.0 mL	0.01 mL	0.01 mL		
IC 860-101063/2		300.0		0 mL	1.0 mL	0.02 mL	0.02 mL		
IC 860-101063/3		300.0		0 mL	1.0 mL	0.05 mL	0.05 mL		
IC 860-101063/4		300.0		0 mL	1.0 mL	0.1 mL	0.1 mL		
IC 860-101063/5		300.0		0 mL	1.0 mL	0.5 mL	0.5 mL		
IC 860-101063/6		300.0		0 mL	1.0 mL	1 mL	1 mL		
IC 860-101063/7		300.0		0 mL	1.0 mL	2 mL	2 mL		
IC 860-101063/8		300.0		0 mL	1.0 mL		0.5 mL		
IC 860-101063/9		300.0		0 mL	1.0 mL		1.25 mL		
IC 860-101063/10		300.0		0 mL	1.0 mL		2.5 mL		

Batch Notes	
Filter ID	0.22 um DA-23-100026 LOT# 306053195
Pipette/Syringe/Dispenser ID	PIPETTE WC63WC65WC50/Syringes LOT 2223867 PART 301073
Eluent 1 ID	1027286

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.

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number: 102220 Batch Start Date: 05/08/23 13:56 Batch Analyst: Prommek, Warangkhana

Batch Method: 300.0 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00005	WC-IC-P2 00007			
CCVRT 860-102220/1		300.0		0 mL	1 mL	1 mL			
CCB 860-102220/2		300.0		0 mL					
MB 860-102220/3		300.0		0 mL					
LLCS 860-102220/7		300.0		0 mL	0.05 mL	0.05 mL			
CCV 860-102220/12		300.0		0 mL	1 mL	1 mL			
CCB 860-102220/13		300.0		0 mL					
CCV 860-102220/181		300.0		0 mL	1 mL	1 mL			
CCB 860-102220/182		300.0		0 mL					
MB 860-102220/183		300.0		0 mL					
LCS 860-102220/184		300.0		0 mL	1 mL	1 mL			
LCSD 860-102220/185		300.0		0 mL	1 mL	1 mL			
CCV 860-102220/193		300.0		0 mL	1 mL	1 mL			
CCB 860-102220/194		300.0		0 mL					
860-47477-A-13	Artesia-MW-38-04 23	300.0	T	0 mL					
860-47477-A-13	Artesia-MW-38-04 23	300.0	T	0 mL					
860-47477-A-15	Artesia-MW-37-04 23	300.0	T	0 mL					
860-47477-A-15	Artesia-MW-37-04 23	300.0	T	0 mL					
860-47477-A-18	Artesia-MW-11-04 23	300.0	T	0 mL					
860-47477-A-18	Artesia-MW-11-04 23	300.0	T	0 mL					
860-47477-A-23	Artesia-MW-12-04 23	300.0	T	0 mL					
860-47477-A-23	Artesia-MW-12-04 23	300.0	T	0 mL					
860-47477-A-26	Artesia-MW-36-04 23	300.0	T	0 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.

300.0

Page 1 of 2

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number:	102220	Batch Start Date:	05/08/23 13:56	Batch Analyst:	Prommek, Warangkhan
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Batch Method: 300.0 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	WC-IC-P1 00005	WC-IC-P2 00007			
860-47477-A-26	Artesia-MW-36-04 23	300.0	T	0 mL					
CCV 860-102220/205		300.0		0 mL	1 mL	1 mL			
CCB 860-102220/206		300.0		0 mL					
860-47477-A-29	Artesia-MW-17C-0 423	300.0	T	0 mL					
860-47477-A-29	Artesia-MW-17C-0 423	300.0	T	0 mL					
CCV 860-102220/217		300.0		0 mL	1 mL	1 mL			
CCB 860-102220/218		300.0		0 mL					

Batch Notes	
Filter ID	0.22 um DA-23-100026 LOT# 306053195
Pipette/Syringe/Dispenser ID	PIPETTE WC63WC65WC50/Syringes LOT 2223867 PART 301073
Eluent 1 ID	1027286

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.

300.0

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job Number: 860-47477-1

SDG No.:

Project: Dowell - Artesia

Client Sample ID	Lab Sample ID
Artesia-MW-38-0423	860-47477-14
Artesia-MW-37-0423	860-47477-17
Artesia-MW-11-0423	860-47477-21
Artesia-MW-12-0423	860-47477-24
Artesia-MW-36-0423	860-47477-28
Artesia-MW-17C-0423	860-47477-31

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW-38-0423

Lab Sample ID: 860-47477-14

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG ID.:

Matrix: Water

Date Sampled: 04/19/2023 12:05

Reporting Basis: WET

Date Received: 04/21/2023 10:16

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	4.10	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW-37-0423

Lab Sample ID: 860-47477-17

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG ID.:

Matrix: Water

Date Sampled: 04/19/2023 09:25

Reporting Basis: WET

Date Received: 04/21/2023 10:16

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	11.4	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW-11-0423

Lab Sample ID: 860-47477-21

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG ID.:

Matrix: Water

Date Sampled: 04/19/2023 13:23

Reporting Basis: WET

Date Received: 04/21/2023 10:16

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.795	1.00	0.500	mg/L	J		1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW-12-0423

Lab Sample ID: 860-47477-24

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG ID.:

Matrix: Water

Date Sampled: 04/18/2023 14:45

Reporting Basis: WET

Date Received: 04/21/2023 10:16

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	1.33	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW-36-0423

Lab Sample ID: 860-47477-28

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG ID.:

Matrix: Water

Date Sampled: 04/18/2023 16:45

Reporting Basis: WET

Date Received: 04/21/2023 10:16

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.745	1.00	0.500	mg/L	J		1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: Artesia-MW-17C-0423

Lab Sample ID: 860-47477-31

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG ID.:

Matrix: Water

Date Sampled: 04/18/2023 12:00

Reporting Basis: WET

Date Received: 04/21/2023 10:16

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	7.01	1.00	0.500	mg/L			1	SM 5310C

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name:	<u>Eurofins Houston</u>	Job No.:	<u>860-47477-1</u>
SDG No.:	<u></u>		
Analyst:	<u>YGG</u>	Batch Start Date:	<u>05/03/2023</u>
Reporting Units:	<u>mg/L</u>	Analytical Batch No.:	<u>101797</u>

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	18:51	Total Organic Carbon	9.431	10.0	94	90-110		WC-TOC-ICV_00110
2	CCB	19:06	Total Organic Carbon	0.500				U	
13	CCV	21:51	Total Organic Carbon	10.17	10.0	102	90-110		WC-TOC-ICV_00110
14	CCB	22:17	Total Organic Carbon	0.500				U	
25	CCV	01:02	Total Organic Carbon	9.005	10.0	90	90-110		WC-TOC-ICV_00110
26	CCB	01:17	Total Organic Carbon	0.500				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-47477-1
SDG No.: _____
Analyst: YGG Batch Start Date: 05/08/2023
Reporting Units: mg/L Analytical Batch No.: 102302

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	13:48	Total Organic Carbon	10.34	10.0	103	90-110		WC-TOC-ICV_00110
2	CCB	14:03	Total Organic Carbon	0.500				U	
13	CCV	16:48	Total Organic Carbon	10.63	10.0	106	90-110		WC-TOC-ICV_00110
14	CCB	17:03	Total Organic Carbon	0.500				U	

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

FORM II-IN

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 101797 SM 5310C	Date: 05/03/2023 19:21 MB 860-101797/3	Total Organic Carbon	0.500	U	mg/L	1.00	1
Batch ID: 102302 SM 5310C	Date: 05/08/2023 14:18 MB 860-102302/3	Total Organic Carbon	0.500	U	mg/L	1.00	1

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 101797 Date: 05/03/2023 19:36											
						LCS Source: WC-TOC-LCS_00125					
SM 5310C	LCS 860-101797/4	Total Organic Carbon	4.610		mg/L	5.00	92	90-110	2	20	
Batch ID: 102302 Date: 05/08/2023 14:33											
						LCS Source: WC-TOC-LCS_00125					
SM 5310C	LCS 860-102302/4	Total Organic Carbon	5.126		mg/L	5.00	103	90-110	0	20	

7A-IN

LAB CONTROL SAMPLE DUPLICATE

GENERAL CHEMISTRY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 101797Date: 05/03/2023 19:51											
						LCSD Source: WC-TOC-LCS_00125					
SM 5310C	LCSD 860-101797/5	Total Organic Carbon	4.501		mg/L	5.00	90	90-110	2	20	
Batch ID: 102302Date: 05/08/2023 14:48											
						LCSD Source: WC-TOC-LCS_00125					
SM 5310C	LCSD 860-102302/5	Total Organic Carbon	5.146		mg/L	5.00	103	90-110	0	20	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Houston	Job Number: 860-47477-1
SDG Number:	
Matrix: Water	Instrument ID: A345
Method: SM 5310C	MDL Date: 08/21/2019 16:03

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon		1	0.5

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name:	<u>Eurofins Houston</u>	Job Number:	<u>860-47477-1</u>
SDG Number:	<u></u>		
Matrix:	<u>Water</u>	Instrument ID:	<u>A368</u>
Method:	<u>SM 5310C</u>	MDL Date:	<u>08/21/2019 16:03</u>

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon		1	0.5

13-IN

ANALYSIS RUN LOG

GENERAL CHEMISTRY

Lab Name: Eurofins HoustonJob No.: 860-47477-1

SDG No.:

Instrument ID: A345Analysis Method: SM 5310C

Start Date: 05/08/2023 13:48End Date: 05/08/2023 19:34

Lab Sample Id	D/F	T y p e	Time	Analytes																									
				T O C																									
CCV 860-102302/1	1		13:48	X																									
CCB 860-102302/2	1		14:03	X																									
MB 860-102302/3	1	T	14:18	X																									
LCS 860-102302/4	1	T	14:33	X																									
LCSD 860-102302/5	1	T	14:48	X																									
ZZZZZZ			15:03																										
ZZZZZZ			15:18																										
ZZZZZZ			15:33																										
ZZZZZZ			15:48																										
ZZZZZZ			16:03																										
ZZZZZZ			16:18																										
860-47477-14	1	T	16:33	X																									
CCV 860-102302/13	1		16:48	X																									
CCB 860-102302/14	1		17:03	X																									
ZZZZZZ			17:18																										
ZZZZZZ			17:33																										
ZZZZZZ			17:48																										
ZZZZZZ			18:03																										
ZZZZZZ			18:18																										
ZZZZZZ			18:33																										
ZZZZZZ			18:48																										
ZZZZZZ			19:03																										
CCV 860-102302/23			19:18																										
CCB 860-102302/24			19:34																										

Prep Types:

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston

Job No.: 860-47477-1

SDG No.:

Instrument ID: A368

Analysis Method: SM 5310C

Start Date: 05/03/2023 18:51

End Date: 05/04/2023 03:32

Lab Sample Id	D/F	T y p e	Time	Analytes																									
				T O C																									
ICV 860-101797/1	1		18:51	X																									
CCB 860-101797/2	1		19:06	X																									
MB 860-101797/3	1	T	19:21	X																									
LCS 860-101797/4	1	T	19:36	X																									
LCSD 860-101797/5	1	T	19:51	X																									
860-47477-24	1	T	20:06	X																									
860-47477-21	1	T	20:21	X																									
860-47477-17	1	T	20:36	X																									
860-47477-31	1	T	20:51	X																									
860-47477-28	1	T	21:06	X																									
ZZZZZZ			21:21																										
ZZZZZZ			21:36																										
CCV 860-101797/13	1		21:51	X																									
CCB 860-101797/14	1		22:17	X																									
ZZZZZZ			22:32																										
ZZZZZZ			22:47																										
ZZZZZZ			23:02																										
ZZZZZZ			23:17																										
ZZZZZZ			23:32																										
ZZZZZZ			23:47																										
ZZZZZZ			00:02																										
ZZZZZZ			00:17																										
ZZZZZZ			00:32																										
ZZZZZZ			00:47																										
CCV 860-101797/25	1		01:02	X																									
CCB 860-101797/26	1		01:17	X																									
ZZZZZZ			01:32																										
ZZZZZZ			01:47																										
ZZZZZZ			02:02																										
ZZZZZZ			02:17																										
ZZZZZZ			02:32																										
ZZZZZZ			02:47																										
ZZZZZZ			03:02																										
CCV 860-101797/34			03:17																										
CCB 860-101797/35			03:32																										

Prep Types:
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.:

Batch Number: 101797 Batch Start Date: 05/03/23 18:51 Batch Analyst: Gonzalez, Yudith G

Batch Method: SM 5310C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-TOC-ICV 00110	WC-TOC-LCS 00125		
ICV 860-101797/1		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-101797/2		SM 5310C		40 mL	40 mL				
MB 860-101797/3		SM 5310C		40 mL	40 mL				
LCS 860-101797/4		SM 5310C		40 mL	40 mL		40 mL		
LCSD 860-101797/5		SM 5310C		40 mL	40 mL		40 mL		
860-47477-B-24	Artesia-MW-12-04 23	SM 5310C	T	40 mL	40 mL				
860-47477-B-21	Artesia-MW-11-04 23	SM 5310C	T	40 mL	40 mL				
860-47477-B-17	Artesia-MW-37-04 23	SM 5310C	T	40 mL	40 mL				
860-47477-B-31	Artesia-MW-17C-0 423	SM 5310C	T	40 mL	40 mL				
860-47477-A-28	Artesia-MW-36-04 23	SM 5310C	T	40 mL	40 mL				
CCV 860-101797/13		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-101797/14		SM 5310C		40 mL	40 mL				
CCV 860-101797/25		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-101797/26		SM 5310C		40 mL	40 mL				

Batch Notes	
Phosphoric Acid ID	969896
Sodium Persulfate ID	1003122
Pipette/Syringe/Dispenser ID	wc66wc25wc43
Batch Comment	pH strips 10BDH2301

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.

SM 5310C

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-47477-1

SDG No.: _____

Batch Number: 102302 Batch Start Date: 05/08/23 13:48 Batch Analyst: Gonzalez, Yudith G

Batch Method: SM 5310C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-TOC-ICV 00110	WC-TOC-LCS 00125		
CCV 860-102302/1		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-102302/2		SM 5310C		40 mL	40 mL				
MB 860-102302/3		SM 5310C		40 mL	40 mL				
LCS 860-102302/4		SM 5310C		40 mL	40 mL		40 mL		
LCSD 860-102302/5		SM 5310C		40 mL	40 mL		40 mL		
860-47477-A-14	Artesia-MW-38-04 23	SM 5310C	T	40 mL	40 mL				
CCV 860-102302/13		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-102302/14		SM 5310C		40 mL	40 mL				

Batch Notes	
Phosphoric Acid ID	969896
Sodium Persulfate ID	1003122
Pipette/Syringe/Dispenser ID	wc66wc25wc43
Batch Comment	pH strips 10BDH2301

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Chain of Custody Record



Environmental Testing

Client Information		Sampler: Joel Ferguson / James Shaffer		Lab P.M. McDaniel, Bethany A		Carrier Tracking No(s):		COC No: 860-18637-6331.1	
Client Contact: Aleeca Forsberg		Phone:		E-Mail: Bethany.McDaniel@et.eurofinsus.com		State of Origin: NM		Page: Page 1 of 3	
Company: Jacobs Engineering Group, Inc.		Address: 3721 Rutledge Rd NE Suite B-1		City: Albuquerque		State: NM		Job #:	
City: Albuquerque		State: NM		Zip: 87109		Phone: 505-918-1800		PO #:	
Email: aleeca.forsberg@jacobs.com		Project Name: Dowell Artesia		Project #: 86000977		SSOW#: 148021462		WO #:	
Site: Dowell Former Schlumberger		Due Date Requested:		TAT Requested (days): Standard		Compliance Project: Δ Yes Δ No		Preservation Codes:	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix (V=Vol, S=Solid, O=Other)	
Artesia-MW-29-0423		4-18-23		1645		G		Water	
Artesia-INLET-0423		4-18-23		0915		G		Water	
Artesia-MW-39-0423		4-18-23		1330		G		Water	
Artesia-MD-31-0423		4-18-23		1530		G		Water	
Artesia-MW-31-0423		4-18-23		1530		G		Water	
Artesia-OUTLET-0423		4-18-23		0915		G		Water	
Artesia-MW-28-0423		4-18-23		1145		G		Water	
Artesia-MW-30-0423		4-18-23		1230		G		Water	
Artesia-MID-0423		4-18-23		0915		G		Water	
Artesia-MW-40-0423		4-18-23		1400		G		Water	
Artesia-MW-35-0423		4-18-23		1440		G		Water	
Possible Hazard Identification		Non-Hazard		Flammable		Skin Irritant		Poison B	
Deliverable Requested: I, II, III, IV Other (specify)		See MSA worksheet		Unknown		Radiological		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Relinquished by: James Shaffer		Date/Time: 4-20-23/930		Company: Jacobs		Received by: Fedex		Return To Client	
Relinquished by:		Date/Time:		Company:		Received by:		Disposal By Lab	
Relinquished by:		Date/Time:		Company:		Received by:		Archive For	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.		Cooler Temperature(s) °C and Other Remarks:		Date/Time: 4/21/23		Company: 1010-E	
Ver: 06/08/2021									

Chain of Custody Record



Environmental Testing

Client Information		Lab PM: <u>McDaniel, Bethany A</u>		Carrier Tracking No(s):		COC No: <u>860-18637-6331 1</u>			
Client Contact: <u>Aleeca Forsberg</u>		E-Mail: <u>Bethany.McDaniel@eurofins.com</u>		State of Origin: <u>TX</u>		Page: <u>1 of 3</u>			
Company: <u>Jacobs Engineering Group, Inc.</u>		PWSID:		Analysis Requested		Job #:			
Address: <u>3721 Rutledge Rd NE Suite B-1</u>		Due Date Requested:		Preservation Codes:		Total Number of Containers: <u>1</u>			
City: <u>Albuquerque</u>		TAT Requested (days): <u>Standard</u>		5000 Volatile Organic Compound Custom L		Special Instructions/Note:			
State, Zip: <u>NM 87109</u>		Compliance Project: <u>Δ Yes Δ No</u>		5310C - Total Organic Carbon (TOC)		A HCL			
Phone: <u>505-918-1800</u>		PO #: <u>148021462</u>		5310D Volatile Organic Compound Custom L		B NaOH			
Email: <u>aleeca.forsberg@jacobs.com</u>		WO #: <u>D3662204.C.CS.TPE.AR.23-05-02</u>		5310E Volatile Organic Compound Custom L		C Zn Acetate			
Project Name: <u>Dowell Artesia</u>		Project #: <u>86000977</u>		5310F Volatile Organic Compound Custom L		D Nitric Acid			
Site: <u>Dowell Artesia</u>		SSOW#: <u></u>		5310G Volatile Organic Compound Custom L		E NaHSO4			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (Water, Soil, Gas, Other)	
Artesia-MW-38-0423		4-19-23		1205		G		Water	
Artesia-MW-38-0423		4-19-23		1205		I		Water	
Artesia-MW-38-0423		4-19-23		1205		I		Water	
Artesia-MW-37-0423		4-19-23		0925		I		Water	
Artesia-MW-37-0423		4-19-23		0925		I		Water	
Artesia-MW-37-0423		4-19-23		0925		I		Water	
Artesia-MW-11-0423		4-19-23		1325		I		Water	
Artesia-MW-11-0423		4-19-23		1325		I		Water	
Artesia-MW-11-0423-FD		4-19-23		1323		I		Water	
Artesia-MW-11-0423		4-19-23		1323		I		Water	
Artesia-TB-01-0423		4-19-23		0800		I		Water	
Possible Hazard Identification		Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological ☐		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☐ Disposal By Lab ☒ Archive For ☐ Months			
Deliverable Requested: I II III IV Other (specify) <u>See MSA work sheet</u>		Empty Kit Relinquished by: <u>Jane Shaffer</u>		Date/Time: <u>4-20-23 19:30</u>		Method of Shipment: <u>FedEx Express</u>			
Relinquished by: <u>Jane Shaffer</u>		Date/Time: <u>4-20-23 19:30</u>		Company: <u>Jacobs</u>		Date/Time: <u>4/21/23 10:16 E</u>			
Relinquished by: <u>FedEx</u>		Date/Time: <u>4-20-23 19:30</u>		Company: <u>Jacobs</u>		Date/Time: <u>4/21/23 10:16 E</u>			
Relinquished by: <u>FedEx</u>		Date/Time: <u>4-20-23 19:30</u>		Company: <u>Jacobs</u>		Date/Time: <u>4/21/23 10:16 E</u>			
Custody Seals Intact: <u>Δ Yes Δ No</u>		Custody Seal No. <u></u>		Cooler Temperature(s) °C and Other Remarks: <u></u>		Ver 06/08/2021			

[illegible]

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 860-47477-1

Login Number: 47477

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

Question	Answer	Comment
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	



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Aleeca Forsberg
Jacobs Engineering Group, Inc.
3721 Rutledge Rd NE
Suite B-1
Albuquerque NM 87109

Generated 10/20/2023 12:42 PM

JOB DESCRIPTION

Dowell Artesia 2H2023 SA GW

JOB NUMBER

860-58730-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

Eurofins Houston

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/20/2023 12:42 PM

Authorized for release by
Bethany McDaniel, Senior Project Manager
Bethany.McDaniel@et.eurofinsus.com
Designee for
Bethany A McDaniel, Senior Project Manager
Bethany.McDaniel@et.eurofinsus.com
713 358-2005

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Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Qualifiers

GC/MS VOA

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

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Job Narrative
860-58730-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample 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 10/6/2023 9:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C

GC/MS VOA

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-125417 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

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

General Chemistry

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

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW31-100423 Lab Sample ID: 860-58730-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00207		0.00100	0.000635	mg/L	1			8260D	Total/NA

Client Sample ID: ARTESIA-MW34-100323 Lab Sample ID: 860-58730-2

No Detections.

Client Sample ID: ARTESIA-MW35-100323 Lab Sample ID: 860-58730-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethene	0.0134		0.00100	0.000738	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.0146		0.00100	0.000655	mg/L	1			8260D	Total/NA

Client Sample ID: ARTESIA-MD35-100323 Lab Sample ID: 860-58730-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethene	0.0129		0.00100	0.000738	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.0148		0.00100	0.000655	mg/L	1			8260D	Total/NA

Client Sample ID: ARTESIA-MW39-100323 Lab Sample ID: 860-58730-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00263		0.00100	0.000738	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.00687		0.00100	0.000655	mg/L	1			8260D	Total/NA

Client Sample ID: ARTESIA-MW40-100323 Lab Sample ID: 860-58730-6

No Detections.

Client Sample ID: ARTESIA-MW17C-100323 Lab Sample ID: 860-58730-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sulfate	2370		5.00	2.00	mg/L	10			300.0	Total/NA
Total Organic Carbon	0.611	J	1.00	0.500	mg/L	1			SM 5310C	Total/NA

Client Sample ID: ARTESIA-TB01-051023 Lab Sample ID: 860-58730-8

No Detections.

Client Sample ID: ARTESIA-MW36-100323 Lab Sample ID: 860-58730-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0172		0.00100	0.000635	mg/L	1			8260D	Total/NA
Benzene	0.00753		0.00100	0.000460	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.00229		0.00100	0.000655	mg/L	1			8260D	Total/NA
Sulfate	1760		5.00	2.00	mg/L	10			300.0	Total/NA
Total Organic Carbon	16.5		10.0	5.00	mg/L	10			SM 5310C	Total/NA

Client Sample ID: ARTESIA-MW38-100423 Lab Sample ID: 860-58730-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0552		0.00100	0.000635	mg/L	1			8260D	Total/NA
Benzene	0.00258		0.00100	0.000460	mg/L	1			8260D	Total/NA
Naphthalene	0.00167	J	0.0100	0.00135	mg/L	1			8260D	Total/NA
Tetrachloroethene	0.000921	J	0.00100	0.000655	mg/L	1			8260D	Total/NA
Sulfate	971		5.00	2.00	mg/L	10			300.0	Total/NA
Total Organic Carbon	11.3		10.0	5.00	mg/L	10			SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW37-100323

Lab Sample ID: 860-58730-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000683	J	0.00100	0.000635	mg/L	1		8260D	Total/NA
Benzene	0.0113		0.00100	0.000460	mg/L	1		8260D	Total/NA
Naphthalene	0.00471	J	0.0100	0.00135	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00101		0.00100	0.000655	mg/L	1		8260D	Total/NA
Sulfate	78.6		0.500	0.200	mg/L	1		300.0	Total/NA
Total Organic Carbon	27.2		10.0	5.00	mg/L	10		SM 5310C	Total/NA

Client Sample ID: ARTESIA-MW12-100423

Lab Sample ID: 860-58730-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0159		0.00100	0.000635	mg/L	1		8260D	Total/NA
Sulfate	2380		5.00	2.00	mg/L	10		300.0	Total/NA
Total Organic Carbon	1.22		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: ARTESIA-MW11-100423

Lab Sample ID: 860-58730-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00208		0.00100	0.000635	mg/L	1		8260D	Total/NA
Sulfate	2490		5.00	2.00	mg/L	10		300.0	Total/NA
Total Organic Carbon	1.09		1.00	0.500	mg/L	1		SM 5310C	Total/NA

Client Sample ID: ARTESIA-MW22-100423

Lab Sample ID: 860-58730-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.000703	J	0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: ARTESIA-MW25-100423

Lab Sample ID: 860-58730-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.000703	J	0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: ARTESIA-MW28-100423

Lab Sample ID: 860-58730-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000959	J	0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00134		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00177		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: ARTESIA-MW29-100423

Lab Sample ID: 860-58730-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00225		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00435		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00851		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: ARTESIA-MW30-100323

Lab Sample ID: 860-58730-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.000952	J	0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00129		0.00100	0.000655	mg/L	1		8260D	Total/NA

Client Sample ID: ARTESIA-MW17C-100323-FD

Lab Sample ID: 860-58730-19

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW31-100423

Lab Sample ID: 860-58730-1

Date Collected: 10/04/23 13:30

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00207		0.00100	0.000635	mg/L			10/07/23 00:53	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 00:53	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 00:53	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 00:53	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/07/23 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		63 - 144					10/07/23 00:53	1
4-Bromofluorobenzene (Surr)	102		74 - 124					10/07/23 00:53	1
Dibromofluoromethane (Surr)	101		75 - 131					10/07/23 00:53	1
Toluene-d8 (Surr)	102		80 - 120					10/07/23 00:53	1

Client Sample ID: ARTESIA-MW34-100323

Lab Sample ID: 860-58730-2

Date Collected: 10/03/23 18:00

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/07/23 01:12	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 01:12	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 01:12	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 01:12	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/07/23 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 144					10/07/23 01:12	1
4-Bromofluorobenzene (Surr)	103		74 - 124					10/07/23 01:12	1
Dibromofluoromethane (Surr)	97		75 - 131					10/07/23 01:12	1
Toluene-d8 (Surr)	102		80 - 120					10/07/23 01:12	1

Client Sample ID: ARTESIA-MW35-100323

Lab Sample ID: 860-58730-3

Date Collected: 10/03/23 17:00

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0134		0.00100	0.000738	mg/L			10/07/23 01:31	1
Tetrachloroethene	0.0146		0.00100	0.000655	mg/L			10/07/23 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		63 - 144					10/07/23 01:31	1
4-Bromofluorobenzene (Surr)	102		74 - 124					10/07/23 01:31	1
Dibromofluoromethane (Surr)	100		75 - 131					10/07/23 01:31	1
Toluene-d8 (Surr)	103		80 - 120					10/07/23 01:31	1

Client Sample ID: ARTESIA-MD35-100323

Lab Sample ID: 860-58730-4

Date Collected: 10/03/23 17:00

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0129		0.00100	0.000738	mg/L			10/07/23 01:50	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MD35-100323

Lab Sample ID: 860-58730-4

Date Collected: 10/03/23 17:00

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0148		0.00100	0.000655	mg/L			10/07/23 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		63 - 144					10/07/23 01:50	1
4-Bromofluorobenzene (Surr)	105		74 - 124					10/07/23 01:50	1
Dibromofluoromethane (Surr)	95		75 - 131					10/07/23 01:50	1
Toluene-d8 (Surr)	105		80 - 120					10/07/23 01:50	1

Client Sample ID: ARTESIA-MW39-100323

Lab Sample ID: 860-58730-5

Date Collected: 10/03/23 16:00

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.00263		0.00100	0.000738	mg/L			10/07/23 02:09	1
Tetrachloroethene	0.00687		0.00100	0.000655	mg/L			10/07/23 02:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		63 - 144					10/07/23 02:09	1
4-Bromofluorobenzene (Surr)	107		74 - 124					10/07/23 02:09	1
Dibromofluoromethane (Surr)	102		75 - 131					10/07/23 02:09	1
Toluene-d8 (Surr)	104		80 - 120					10/07/23 02:09	1

Client Sample ID: ARTESIA-MW40-100323

Lab Sample ID: 860-58730-6

Date Collected: 10/03/23 16:30

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 02:28	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/07/23 02:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		63 - 144					10/07/23 02:28	1
4-Bromofluorobenzene (Surr)	104		74 - 124					10/07/23 02:28	1
Dibromofluoromethane (Surr)	107		75 - 131					10/07/23 02:28	1
Toluene-d8 (Surr)	103		80 - 120					10/07/23 02:28	1

Client Sample ID: ARTESIA-MW17C-100323

Lab Sample ID: 860-58730-7

Date Collected: 10/03/23 12:30

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/07/23 02:47	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 02:47	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 02:47	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 02:47	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/07/23 02:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		63 - 144					10/07/23 02:47	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW17C-100323

Lab Sample ID: 860-58730-7

Date Collected: 10/03/23 12:30

Matrix: Water

Date Received: 10/06/23 09:23

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		74 - 124		10/07/23 02:47	1
Dibromofluoromethane (Surr)	104		75 - 131		10/07/23 02:47	1
Toluene-d8 (Surr)	105		80 - 120		10/07/23 02:47	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2370		5.00	2.00	mg/L			10/16/23 20:18	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	0.611	J	1.00	0.500	mg/L			10/19/23 19:07	1

Client Sample ID: ARTESIA-TB01-051023

Lab Sample ID: 860-58730-8

Date Collected: 10/05/23 10:45

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/07/23 00:15	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 00:15	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 00:15	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 00:15	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/07/23 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		63 - 144		10/07/23 00:15	1
4-Bromofluorobenzene (Surr)	101		74 - 124		10/07/23 00:15	1
Dibromofluoromethane (Surr)	98		75 - 131		10/07/23 00:15	1
Toluene-d8 (Surr)	102		80 - 120		10/07/23 00:15	1

Client Sample ID: ARTESIA-MW36-100323

Lab Sample ID: 860-58730-9

Date Collected: 10/03/23 15:45

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0172		0.00100	0.000635	mg/L			10/07/23 03:06	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 03:06	1
Benzene	0.00753		0.00100	0.000460	mg/L			10/07/23 03:06	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 03:06	1
Tetrachloroethene	0.00229		0.00100	0.000655	mg/L			10/07/23 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		63 - 144		10/07/23 03:06	1
4-Bromofluorobenzene (Surr)	105		74 - 124		10/07/23 03:06	1
Dibromofluoromethane (Surr)	106		75 - 131		10/07/23 03:06	1
Toluene-d8 (Surr)	104		80 - 120		10/07/23 03:06	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1760		5.00	2.00	mg/L			10/16/23 21:01	10

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW36-100323

Lab Sample ID: 860-58730-9

Date Collected: 10/03/23 15:45

Matrix: Water

Date Received: 10/06/23 09:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	16.5		10.0	5.00	mg/L			10/19/23 16:55	10

Client Sample ID: ARTESIA-MW38-100423

Lab Sample ID: 860-58730-10

Date Collected: 10/04/23 09:05

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0552		0.00100	0.000635	mg/L			10/07/23 03:25	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 03:25	1
Benzene	0.00258		0.00100	0.000460	mg/L			10/07/23 03:25	1
Naphthalene	0.00167	J	0.0100	0.00135	mg/L			10/07/23 03:25	1
Tetrachloroethene	0.000921	J	0.00100	0.000655	mg/L			10/07/23 03:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 144		10/07/23 03:25	1
4-Bromofluorobenzene (Surr)	104		74 - 124		10/07/23 03:25	1
Dibromofluoromethane (Surr)	107		75 - 131		10/07/23 03:25	1
Toluene-d8 (Surr)	106		80 - 120		10/07/23 03:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	971		5.00	2.00	mg/L			10/16/23 21:23	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	11.3		10.0	5.00	mg/L			10/19/23 17:10	10

Client Sample ID: ARTESIA-MW37-100323

Lab Sample ID: 860-58730-11

Date Collected: 10/03/23 18:20

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000683	J	0.00100	0.000635	mg/L			10/07/23 00:34	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 00:34	1
Benzene	0.0113		0.00100	0.000460	mg/L			10/07/23 00:34	1
Naphthalene	0.00471	J	0.0100	0.00135	mg/L			10/07/23 00:34	1
Tetrachloroethene	0.00101		0.00100	0.000655	mg/L			10/07/23 00:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		63 - 144		10/07/23 00:34	1
4-Bromofluorobenzene (Surr)	102		74 - 124		10/07/23 00:34	1
Dibromofluoromethane (Surr)	98		75 - 131		10/07/23 00:34	1
Toluene-d8 (Surr)	100		80 - 120		10/07/23 00:34	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	78.6		0.500	0.200	mg/L			10/16/23 21:33	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW37-100323

Lab Sample ID: 860-58730-11

Date Collected: 10/03/23 18:20

Matrix: Water

Date Received: 10/06/23 09:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	27.2		10.0	5.00	mg/L			10/19/23 13:23	10

Client Sample ID: ARTESIA-MW12-100423

Lab Sample ID: 860-58730-12

Date Collected: 10/04/23 11:57

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0159		0.00100	0.000635	mg/L			10/07/23 03:44	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 03:44	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 03:44	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 03:44	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/07/23 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		63 - 144		10/07/23 03:44	1
4-Bromofluorobenzene (Surr)	105		74 - 124		10/07/23 03:44	1
Dibromofluoromethane (Surr)	107		75 - 131		10/07/23 03:44	1
Toluene-d8 (Surr)	103		80 - 120		10/07/23 03:44	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2380		5.00	2.00	mg/L			10/16/23 22:05	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	1.22		1.00	0.500	mg/L			10/19/23 18:52	1

Client Sample ID: ARTESIA-MW11-100423

Lab Sample ID: 860-58730-13

Date Collected: 10/04/23 14:21

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00208		0.00100	0.000635	mg/L			10/07/23 04:03	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 04:03	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 04:03	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 04:03	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/07/23 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		63 - 144		10/07/23 04:03	1
4-Bromofluorobenzene (Surr)	106		74 - 124		10/07/23 04:03	1
Dibromofluoromethane (Surr)	107		75 - 131		10/07/23 04:03	1
Toluene-d8 (Surr)	103		80 - 120		10/07/23 04:03	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2490		5.00	2.00	mg/L			10/16/23 22:27	10

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW11-100423

Lab Sample ID: 860-58730-13

Date Collected: 10/04/23 14:21

Matrix: Water

Date Received: 10/06/23 09:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	1.09		1.00	0.500	mg/L			10/19/23 18:37	1

Client Sample ID: ARTESIA-MW22-100423

Lab Sample ID: 860-58730-14

Date Collected: 10/04/23 14:15

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/07/23 04:22	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 04:22	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 04:22	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 04:22	1
Tetrachloroethene	0.000703	J	0.00100	0.000655	mg/L			10/07/23 04:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 144		10/07/23 04:22	1
4-Bromofluorobenzene (Surr)	106		74 - 124		10/07/23 04:22	1
Dibromofluoromethane (Surr)	101		75 - 131		10/07/23 04:22	1
Toluene-d8 (Surr)	105		80 - 120		10/07/23 04:22	1

Client Sample ID: ARTESIA-MW25-100423

Lab Sample ID: 860-58730-15

Date Collected: 10/04/23 14:30

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/07/23 04:41	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/07/23 04:41	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 04:41	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 04:41	1
Tetrachloroethene	0.000703	J	0.00100	0.000655	mg/L			10/07/23 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		63 - 144		10/07/23 04:41	1
4-Bromofluorobenzene (Surr)	104		74 - 124		10/07/23 04:41	1
Dibromofluoromethane (Surr)	107		75 - 131		10/07/23 04:41	1
Toluene-d8 (Surr)	103		80 - 120		10/07/23 04:41	1

Client Sample ID: ARTESIA-MW28-100423

Lab Sample ID: 860-58730-16

Date Collected: 10/04/23 14:45

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000959	J	0.00100	0.000635	mg/L			10/07/23 05:00	1
1,1-Dichloroethene	0.00134		0.00100	0.000738	mg/L			10/07/23 05:00	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 05:00	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 05:00	1
Tetrachloroethene	0.00177		0.00100	0.000655	mg/L			10/07/23 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		63 - 144		10/07/23 05:00	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW28-100423

Lab Sample ID: 860-58730-16

Date Collected: 10/04/23 14:45

Matrix: Water

Date Received: 10/06/23 09:23

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		74 - 124		10/07/23 05:00	1
Dibromofluoromethane (Surr)	108		75 - 131		10/07/23 05:00	1
Toluene-d8 (Surr)	103		80 - 120		10/07/23 05:00	1

Client Sample ID: ARTESIA-MW29-100423

Lab Sample ID: 860-58730-17

Date Collected: 10/04/23 12:15

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00225		0.00100	0.000635	mg/L			10/07/23 05:19	1
1,1-Dichloroethene	0.00435		0.00100	0.000738	mg/L			10/07/23 05:19	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 05:19	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 05:19	1
Tetrachloroethene	0.00851		0.00100	0.000655	mg/L			10/07/23 05:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		63 - 144					10/07/23 05:19	1
4-Bromofluorobenzene (Surr)	104		74 - 124					10/07/23 05:19	1
Dibromofluoromethane (Surr)	107		75 - 131					10/07/23 05:19	1
Toluene-d8 (Surr)	104		80 - 120					10/07/23 05:19	1

Client Sample ID: ARTESIA-MW30-100323

Lab Sample ID: 860-58730-18

Date Collected: 10/03/23 18:30

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/07/23 05:38	1
1,1-Dichloroethene	0.000952	J	0.00100	0.000738	mg/L			10/07/23 05:38	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/07/23 05:38	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/07/23 05:38	1
Tetrachloroethene	0.00129		0.00100	0.000655	mg/L			10/07/23 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		63 - 144					10/07/23 05:38	1
4-Bromofluorobenzene (Surr)	106		74 - 124					10/07/23 05:38	1
Dibromofluoromethane (Surr)	108		75 - 131					10/07/23 05:38	1
Toluene-d8 (Surr)	105		80 - 120					10/07/23 05:38	1

Client Sample ID: ARTESIA-MW17C-100323-FD

Lab Sample ID: 860-58730-19

Date Collected: 10/04/23 12:30

Matrix: Water

Date Received: 10/06/23 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/09/23 14:05	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/09/23 14:05	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/09/23 14:05	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/09/23 14:05	1
Tetrachloroethene	0.000655	U F1	0.00100	0.000655	mg/L			10/09/23 14:05	1

Eurofins Houston

Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW17C-100323-FD

Lab Sample ID: 860-58730-19

Date Collected: 10/04/23 12:30

Matrix: Water

Date Received: 10/06/23 09:23

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 144		10/09/23 14:05	1
4-Bromofluorobenzene (Surr)	108		74 - 124		10/09/23 14:05	1
Dibromofluoromethane (Surr)	109		75 - 131		10/09/23 14:05	1
Toluene-d8 (Surr)	110		80 - 120		10/09/23 14:05	1

Default Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

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

Analyte	RL	MDL	Units
1,1-Dichloroethane	0.00100	0.000635	mg/L
1,1-Dichloroethene	0.00100	0.000738	mg/L
Benzene	0.00100	0.000460	mg/L
Naphthalene	0.0100	0.00135	mg/L
Tetrachloroethene	0.00100	0.000655	mg/L

Method: 300.0 - Anions, Ion Chromatography

Analyte	RL	MDL	Units
Sulfate	0.500	0.200	mg/L

General Chemistry

Analyte	RL	MDL	Units
Total Organic Carbon	1.00	0.500	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
860-58730-1	ARTESIA-MW31-100423	116	102	101	102
860-58730-2	ARTESIA-MW34-100323	119	103	97	102
860-58730-3	ARTESIA-MW35-100323	118	102	100	103
860-58730-4	ARTESIA-MD35-100323	116	105	95	105
860-58730-5	ARTESIA-MW39-100323	122	107	102	104
860-58730-6	ARTESIA-MW40-100323	124	104	107	103
860-58730-7	ARTESIA-MW17C-100323	117	104	104	105
860-58730-8	ARTESIA-TB01-051023	111	101	98	102
860-58730-9	ARTESIA-MW36-100323	123	105	106	104
860-58730-10	ARTESIA-MW38-100423	120	104	107	106
860-58730-11	ARTESIA-MW37-100323	117	102	98	100
860-58730-11 MS	ARTESIA-MW37-100323	93	96	91	96
860-58730-11 MSD	ARTESIA-MW37-100323	96	96	93	97
860-58730-12	ARTESIA-MW12-100423	121	105	107	103
860-58730-13	ARTESIA-MW11-100423	121	106	107	103
860-58730-14	ARTESIA-MW22-100423	120	106	101	105
860-58730-15	ARTESIA-MW25-100423	122	104	107	103
860-58730-16	ARTESIA-MW28-100423	122	106	108	103
860-58730-17	ARTESIA-MW29-100423	117	104	107	104
860-58730-18	ARTESIA-MW30-100323	123	106	108	105
860-58730-19	ARTESIA-MW17C-100323-FD	107	108	109	110
860-58730-19 MS	ARTESIA-MW17C-100323-FD	100	104	105	107
LCS 860-125295/3	Lab Control Sample	97	95	90	98
LCS 860-125417/3	Lab Control Sample	100	103	102	104
LCSD 860-125295/4	Lab Control Sample Dup	109	96	90	98
LCSD 860-125417/4	Lab Control Sample Dup	101	103	104	108
MB 860-125295/10	Method Blank	110	101	99	102
MB 860-125417/10	Method Blank	107	102	108	106

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

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

Lab Sample ID: MB 860-125295/10

Matrix: Water

Analysis Batch: 125295

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/06/23 23:56	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/06/23 23:56	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/06/23 23:56	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/06/23 23:56	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/06/23 23:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 144		10/06/23 23:56	1
4-Bromofluorobenzene (Surr)	101		74 - 124		10/06/23 23:56	1
Dibromofluoromethane (Surr)	99		75 - 131		10/06/23 23:56	1
Toluene-d8 (Surr)	102		80 - 120		10/06/23 23:56	1

Lab Sample ID: LCS 860-125295/3

Matrix: Water

Analysis Batch: 125295

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0500	0.04366		mg/L		87	70 - 130
1,1-Dichloroethene	0.0500	0.04312		mg/L		86	50 - 150
Benzene	0.0500	0.04622		mg/L		92	75 - 125
Naphthalene	0.0500	0.04800		mg/L		96	70 - 130
Tetrachloroethene	0.0500	0.04978		mg/L		100	71 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		63 - 144
4-Bromofluorobenzene (Surr)	95		74 - 124
Dibromofluoromethane (Surr)	90		75 - 131
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: LCSD 860-125295/4

Matrix: Water

Analysis Batch: 125295

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0500	0.04144		mg/L		83	70 - 130	5	25
1,1-Dichloroethene	0.0500	0.04052		mg/L		81	50 - 150	6	25
Benzene	0.0500	0.04737		mg/L		95	75 - 125	2	25
Naphthalene	0.0500	0.05269		mg/L		105	70 - 130	9	25
Tetrachloroethene	0.0500	0.04946		mg/L		99	71 - 125	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		63 - 144
4-Bromofluorobenzene (Surr)	96		74 - 124
Dibromofluoromethane (Surr)	90		75 - 131
Toluene-d8 (Surr)	98		80 - 120

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QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

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

Lab Sample ID: 860-58730-11 MS

Matrix: Water

Analysis Batch: 125295

Client Sample ID: ARTESIA-MW37-100323

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.000683	J	0.0500	0.04175		mg/L		82	72 - 125
1,1-Dichloroethene	0.000738	U	0.0500	0.04291		mg/L		86	59 - 172
Benzene	0.0113		0.0500	0.05780		mg/L		93	66 - 142
Naphthalene	0.00471	J	0.0500	0.06294		mg/L		116	70 - 130
Tetrachloroethene	0.00101		0.0500	0.04873		mg/L		95	71 - 125
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
1,2-Dichloroethane-d4 (Surr)	93		63 - 144						
4-Bromofluorobenzene (Surr)	96		74 - 124						
Dibromofluoromethane (Surr)	91		75 - 131						
Toluene-d8 (Surr)	96		80 - 120						

Lab Sample ID: 860-58730-11 MSD

Matrix: Water

Analysis Batch: 125295

Client Sample ID: ARTESIA-MW37-100323

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.000683	J	0.0500	0.04498		mg/L		89	72 - 125	7	25
1,1-Dichloroethene	0.000738	U	0.0500	0.04658		mg/L		93	59 - 172	8	25
Benzene	0.0113		0.0500	0.05958		mg/L		96	66 - 142	3	25
Naphthalene	0.00471	J	0.0500	0.06672		mg/L		124	70 - 130	6	25
Tetrachloroethene	0.00101		0.0500	0.05370		mg/L		105	71 - 125	10	25
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
1,2-Dichloroethane-d4 (Surr)	96		63 - 144								
4-Bromofluorobenzene (Surr)	96		74 - 124								
Dibromofluoromethane (Surr)	93		75 - 131								
Toluene-d8 (Surr)	97		80 - 120								

Lab Sample ID: MB 860-125417/10

Matrix: Water

Analysis Batch: 125417

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			10/09/23 13:24	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			10/09/23 13:24	1
Benzene	0.000460	U	0.00100	0.000460	mg/L			10/09/23 13:24	1
Naphthalene	0.00135	U	0.0100	0.00135	mg/L			10/09/23 13:24	1
Tetrachloroethene	0.000655	U	0.00100	0.000655	mg/L			10/09/23 13:24	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 144					10/09/23 13:24	1
4-Bromofluorobenzene (Surr)	102		74 - 124					10/09/23 13:24	1
Dibromofluoromethane (Surr)	108		75 - 131					10/09/23 13:24	1
Toluene-d8 (Surr)	106		80 - 120					10/09/23 13:24	1

Eurofins Houston

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

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

Lab Sample ID: LCS 860-125417/3

Matrix: Water

Analysis Batch: 125417

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0500	0.05460		mg/L		109	70 - 130
1,1-Dichloroethene	0.0500	0.05227		mg/L		105	50 - 150
Benzene	0.0500	0.05105		mg/L		102	75 - 125
Naphthalene	0.0500	0.04745		mg/L		95	70 - 130
Tetrachloroethene	0.0500	0.04563		mg/L		91	71 - 125

Surrogate	%Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		63 - 144
4-Bromofluorobenzene (Surr)	103		74 - 124
Dibromofluoromethane (Surr)	102		75 - 131
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: LCSD 860-125417/4

Matrix: Water

Analysis Batch: 125417

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0500	0.05232		mg/L		105	70 - 130	4	25
1,1-Dichloroethene	0.0500	0.05226		mg/L		105	50 - 150	0	25
Benzene	0.0500	0.04852		mg/L		97	75 - 125	5	25
Naphthalene	0.0500	0.04945		mg/L		99	70 - 130	4	25
Tetrachloroethene	0.0500	0.04355		mg/L		87	71 - 125	5	25

Surrogate	%Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		63 - 144
4-Bromofluorobenzene (Surr)	103		74 - 124
Dibromofluoromethane (Surr)	104		75 - 131
Toluene-d8 (Surr)	108		80 - 120

Lab Sample ID: 860-58730-19 MS

Matrix: Water

Analysis Batch: 125417

Client Sample ID: ARTESIA-MW17C-100323-FD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.000635	U	0.0500	0.03751		mg/L		75	72 - 125
1,1-Dichloroethene	0.000738	U	0.0500	0.03899		mg/L		78	59 - 172
Benzene	0.000460	U	0.0500	0.03685		mg/L		74	66 - 142
Naphthalene	0.00135	U	0.0500	0.03673		mg/L		73	70 - 130
Tetrachloroethene	0.000655	U F1	0.0500	0.03478	F1	mg/L		70	71 - 125

Surrogate	%Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		63 - 144
4-Bromofluorobenzene (Surr)	104		74 - 124
Dibromofluoromethane (Surr)	105		75 - 131
Toluene-d8 (Surr)	107		80 - 120

Eurofins Houston

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-126522/3

Matrix: Water

Analysis Batch: 126522

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.200	U	0.500	0.200	mg/L			10/16/23 16:33	1

Lab Sample ID: LCS 860-126522/4

Matrix: Water

Analysis Batch: 126522

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.776		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-126522/5

Matrix: Water

Analysis Batch: 126522

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
Sulfate	5.00	4.783		mg/L		96	90 - 110	0	20

Lab Sample ID: LLCS 860-126522/7

Matrix: Water

Analysis Batch: 126522

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	0.500	0.3948	J	mg/L		79	50 - 150

Method: SM 5310C - TOC

Lab Sample ID: MB 860-127210/4

Matrix: Water

Analysis Batch: 127210

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.500	U	1.00	0.500	mg/L			10/19/23 09:36	1

Lab Sample ID: LCS 860-127210/5

Matrix: Water

Analysis Batch: 127210

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	5.00	5.053		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-127210/6

Matrix: Water

Analysis Batch: 127210

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
Total Organic Carbon	5.00	5.102		mg/L		102	90 - 110	1	15

Eurofins Houston

QC Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Method: SM 5310C - TOC (Continued)

Lab Sample ID: LLCS 860-127217/6
Matrix: Water
Analysis Batch: 127217

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	1.00	1.328		mg/L		133	50 - 150

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

GC/MS VOA

Analysis Batch: 125295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-58730-1	ARTESIA-MW31-100423	Total/NA	Water	8260D	
860-58730-2	ARTESIA-MW34-100323	Total/NA	Water	8260D	
860-58730-3	ARTESIA-MW35-100323	Total/NA	Water	8260D	
860-58730-4	ARTESIA-MD35-100323	Total/NA	Water	8260D	
860-58730-5	ARTESIA-MW39-100323	Total/NA	Water	8260D	
860-58730-6	ARTESIA-MW40-100323	Total/NA	Water	8260D	
860-58730-7	ARTESIA-MW17C-100323	Total/NA	Water	8260D	
860-58730-8	ARTESIA-TB01-051023	Total/NA	Water	8260D	
860-58730-9	ARTESIA-MW36-100323	Total/NA	Water	8260D	
860-58730-10	ARTESIA-MW38-100423	Total/NA	Water	8260D	
860-58730-11	ARTESIA-MW37-100323	Total/NA	Water	8260D	
860-58730-12	ARTESIA-MW12-100423	Total/NA	Water	8260D	
860-58730-13	ARTESIA-MW11-100423	Total/NA	Water	8260D	
860-58730-14	ARTESIA-MW22-100423	Total/NA	Water	8260D	
860-58730-15	ARTESIA-MW25-100423	Total/NA	Water	8260D	
860-58730-16	ARTESIA-MW28-100423	Total/NA	Water	8260D	
860-58730-17	ARTESIA-MW29-100423	Total/NA	Water	8260D	
860-58730-18	ARTESIA-MW30-100323	Total/NA	Water	8260D	
MB 860-125295/10	Method Blank	Total/NA	Water	8260D	
LCS 860-125295/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-125295/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-58730-11 MS	ARTESIA-MW37-100323	Total/NA	Water	8260D	
860-58730-11 MSD	ARTESIA-MW37-100323	Total/NA	Water	8260D	

Analysis Batch: 125417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-58730-19	ARTESIA-MW17C-100323-FD	Total/NA	Water	8260D	
MB 860-125417/10	Method Blank	Total/NA	Water	8260D	
LCS 860-125417/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-125417/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-58730-19 MS	ARTESIA-MW17C-100323-FD	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 126522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-58730-7	ARTESIA-MW17C-100323	Total/NA	Water	300.0	
860-58730-9	ARTESIA-MW36-100323	Total/NA	Water	300.0	
860-58730-10	ARTESIA-MW38-100423	Total/NA	Water	300.0	
860-58730-11	ARTESIA-MW37-100323	Total/NA	Water	300.0	
860-58730-12	ARTESIA-MW12-100423	Total/NA	Water	300.0	
860-58730-13	ARTESIA-MW11-100423	Total/NA	Water	300.0	
MB 860-126522/3	Method Blank	Total/NA	Water	300.0	
LCS 860-126522/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-126522/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-126522/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 127210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-58730-9	ARTESIA-MW36-100323	Total/NA	Water	SM 5310C	

Eurofins Houston

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

General Chemistry (Continued)

Analysis Batch: 127210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-58730-10	ARTESIA-MW38-100423	Total/NA	Water	SM 5310C	
860-58730-11	ARTESIA-MW37-100323	Total/NA	Water	SM 5310C	
MB 860-127210/4	Method Blank	Total/NA	Water	SM 5310C	
LCS 860-127210/5	Lab Control Sample	Total/NA	Water	SM 5310C	
LCSD 860-127210/6	Lab Control Sample Dup	Total/NA	Water	SM 5310C	

Analysis Batch: 127217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-58730-7	ARTESIA-MW17C-100323	Total/NA	Water	SM 5310C	
860-58730-12	ARTESIA-MW12-100423	Total/NA	Water	SM 5310C	
860-58730-13	ARTESIA-MW11-100423	Total/NA	Water	SM 5310C	
LLCS 860-127217/6	Lab Control Sample	Total/NA	Water	SM 5310C	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW31-100423

Lab Sample ID: 860-58730-1

Date Collected: 10/04/23 13:30

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 00:53

Client Sample ID: ARTESIA-MW34-100323

Lab Sample ID: 860-58730-2

Date Collected: 10/03/23 18:00

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 01:12

Client Sample ID: ARTESIA-MW35-100323

Lab Sample ID: 860-58730-3

Date Collected: 10/03/23 17:00

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 01:31

Client Sample ID: ARTESIA-MD35-100323

Lab Sample ID: 860-58730-4

Date Collected: 10/03/23 17:00

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 01:50

Client Sample ID: ARTESIA-MW39-100323

Lab Sample ID: 860-58730-5

Date Collected: 10/03/23 16:00

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 02:09

Client Sample ID: ARTESIA-MW40-100323

Lab Sample ID: 860-58730-6

Date Collected: 10/03/23 16:30

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 02:28

Client Sample ID: ARTESIA-MW17C-100323

Lab Sample ID: 860-58730-7

Date Collected: 10/03/23 12:30

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 02:47
Total/NA	Analysis	300.0		10	126522	RBNS	EET HOU	10/16/23 20:18
Total/NA	Analysis	SM 5310C		1	127217	YG	EET HOU	10/19/23 19:07

Eurofins Houston

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-TB01-051023

Lab Sample ID: 860-58730-8

Date Collected: 10/05/23 10:45

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 00:15

Client Sample ID: ARTESIA-MW36-100323

Lab Sample ID: 860-58730-9

Date Collected: 10/03/23 15:45

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 03:06
Total/NA	Analysis	300.0		10	126522	RBNS	EET HOU	10/16/23 21:01
Total/NA	Analysis	SM 5310C		10	127210	YG	EET HOU	10/19/23 16:55

Client Sample ID: ARTESIA-MW38-100423

Lab Sample ID: 860-58730-10

Date Collected: 10/04/23 09:05

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 03:25
Total/NA	Analysis	300.0		10	126522	RBNS	EET HOU	10/16/23 21:23
Total/NA	Analysis	SM 5310C		10	127210	YG	EET HOU	10/19/23 17:10

Client Sample ID: ARTESIA-MW37-100323

Lab Sample ID: 860-58730-11

Date Collected: 10/03/23 18:20

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 00:34
Total/NA	Analysis	300.0		1	126522	RBNS	EET HOU	10/16/23 21:33
Total/NA	Analysis	SM 5310C		10	127210	YG	EET HOU	10/19/23 13:23

Client Sample ID: ARTESIA-MW12-100423

Lab Sample ID: 860-58730-12

Date Collected: 10/04/23 11:57

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 03:44
Total/NA	Analysis	300.0		10	126522	RBNS	EET HOU	10/16/23 22:05
Total/NA	Analysis	SM 5310C		1	127217	YG	EET HOU	10/19/23 18:52

Client Sample ID: ARTESIA-MW11-100423

Lab Sample ID: 860-58730-13

Date Collected: 10/04/23 14:21

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 04:03
Total/NA	Analysis	300.0		10	126522	RBNS	EET HOU	10/16/23 22:27

Eurofins Houston

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Client Sample ID: ARTESIA-MW11-100423

Lab Sample ID: 860-58730-13

Date Collected: 10/04/23 14:21

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 5310C		1	127217	YG	EET HOU	10/19/23 18:37

Client Sample ID: ARTESIA-MW22-100423

Lab Sample ID: 860-58730-14

Date Collected: 10/04/23 14:15

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 04:22

Client Sample ID: ARTESIA-MW25-100423

Lab Sample ID: 860-58730-15

Date Collected: 10/04/23 14:30

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 04:41

Client Sample ID: ARTESIA-MW28-100423

Lab Sample ID: 860-58730-16

Date Collected: 10/04/23 14:45

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 05:00

Client Sample ID: ARTESIA-MW29-100423

Lab Sample ID: 860-58730-17

Date Collected: 10/04/23 12:15

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 05:19

Client Sample ID: ARTESIA-MW30-100323

Lab Sample ID: 860-58730-18

Date Collected: 10/03/23 18:30

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125295	AN	EET HOU	10/07/23 05:38

Client Sample ID: ARTESIA-MW17C-100323-FD

Lab Sample ID: 860-58730-19

Date Collected: 10/04/23 12:30

Matrix: Water

Date Received: 10/06/23 09:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	125417	NA	EET HOU	10/09/23 14:05

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Eurofins Houston

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-24
Florida	NELAP	E871002	06-30-24
Louisiana (All)	NELAP	03054	06-30-24
Oklahoma	NELAP	1306	08-31-24
Oklahoma	State	2023-139	08-31-24
Texas	NELAP	T104704215-23-53	06-30-24
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
SM 5310C	TOC	SM	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: Dowell Artesia 2H2023 SA GW

Job ID: 860-58730-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-58730-1	ARTESIA-MW31-100423	Water	10/04/23 13:30	10/06/23 09:23
860-58730-2	ARTESIA-MW34-100323	Water	10/03/23 18:00	10/06/23 09:23
860-58730-3	ARTESIA-MW35-100323	Water	10/03/23 17:00	10/06/23 09:23
860-58730-4	ARTESIA-MD35-100323	Water	10/03/23 17:00	10/06/23 09:23
860-58730-5	ARTESIA-MW39-100323	Water	10/03/23 16:00	10/06/23 09:23
860-58730-6	ARTESIA-MW40-100323	Water	10/03/23 16:30	10/06/23 09:23
860-58730-7	ARTESIA-MW17C-100323	Water	10/03/23 12:30	10/06/23 09:23
860-58730-8	ARTESIA-TB01-051023	Water	10/05/23 10:45	10/06/23 09:23
860-58730-9	ARTESIA-MW36-100323	Water	10/03/23 15:45	10/06/23 09:23
860-58730-10	ARTESIA-MW38-100423	Water	10/04/23 09:05	10/06/23 09:23
860-58730-11	ARTESIA-MW37-100323	Water	10/03/23 18:20	10/06/23 09:23
860-58730-12	ARTESIA-MW12-100423	Water	10/04/23 11:57	10/06/23 09:23
860-58730-13	ARTESIA-MW11-100423	Water	10/04/23 14:21	10/06/23 09:23
860-58730-14	ARTESIA-MW22-100423	Water	10/04/23 14:15	10/06/23 09:23
860-58730-15	ARTESIA-MW25-100423	Water	10/04/23 14:30	10/06/23 09:23
860-58730-16	ARTESIA-MW28-100423	Water	10/04/23 14:45	10/06/23 09:23
860-58730-17	ARTESIA-MW29-100423	Water	10/04/23 12:15	10/06/23 09:23
860-58730-18	ARTESIA-MW30-100323	Water	10/03/23 18:30	10/06/23 09:23
860-58730-19	ARTESIA-MW17C-100323-FD	Water	10/04/23 12:30	10/06/23 09:23

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A292

Analysis Batch Number: 124041

Lab Sample ID: IC 860-124041/2

Client Sample ID:

Date Analyzed: 09/29/23 10:20

Lab File ID: E09292304.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.01	Peak assignment corrected	V6TD	09/29/23 12:19
Isopropyl alcohol	2.21	Peak assignment corrected	V6TD	09/29/23 12:20
Acetonitrile	2.30	Peak assignment corrected	V6TD	09/29/23 12:20
Methyl acetate	2.34	Peak assignment corrected	V6TD	09/29/23 12:20
Bromochloromethane	3.53	Peak assignment corrected	V6TD	09/29/23 12:20
1,1,1-Trichloroethane	3.71	Peak assignment corrected	V6TD	09/29/23 12:20
1,2-Dibromoethane	5.96	Peak assignment corrected	V6TD	09/29/23 12:21
trans-1,4-Dichloro-2-butene	7.29	Peak assignment corrected	V6TD	09/29/23 12:21
2-Chlorotoluene	7.40	Peak assignment corrected	V6TD	09/29/23 12:21

Lab Sample ID: IC 860-124041/3

Client Sample ID:

Date Analyzed: 09/29/23 10:40

Lab File ID: E09292305.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	2.21	Peak assignment corrected	V6TD	09/29/23 12:22
Acetonitrile	2.30	Peak assignment corrected	V6TD	09/29/23 12:22
1,1,1-Trichloroethane	3.72	Peak assignment corrected	V6TD	09/29/23 12:22
Cyclohexane	3.75	Peak assignment corrected	V6TD	09/29/23 12:22
Epichlorohydrin	5.03	Peak assignment corrected	V6TD	09/29/23 12:23

Lab Sample ID: IC 860-124041/4

Client Sample ID:

Date Analyzed: 09/29/23 11:01

Lab File ID: E09292306.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.30	Peak assignment corrected	V6TD	09/29/23 12:23
Bromochloromethane	3.53	Peak assignment corrected	V6TD	09/29/23 12:24
1,1,1-Trichloroethane	3.72	Peak assignment corrected	V6TD	09/29/23 12:24
o-Xylene	6.76	Peak assignment corrected	V6TD	09/29/23 12:24

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GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A292 Analysis Batch Number: 124041
Lab Sample ID: IC 860-124041/5 Client Sample ID:
Date Analyzed: 09/29/23 11:21 Lab File ID: E09292307.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.30	Peak assignment corrected	V6TD	09/29/23 12:25
1,1,1-Trichloroethane	3.72	Peak assignment corrected	V6TD	09/29/23 12:25

Lab Sample ID: ICIS 860-124041/6 Client Sample ID:
Date Analyzed: 09/29/23 11:42 Lab File ID: E09292308.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.30	Peak assignment corrected	V6TD	09/29/23 12:12
Pentafluorobenzene	3.74	Peak assignment corrected	V6TD	09/29/23 12:12

Lab Sample ID: IC 860-124041/7 Client Sample ID:
Date Analyzed: 09/29/23 12:02 Lab File ID: E09292309.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.40	Baseline	V6TD	09/29/23 12:47
Acetonitrile	2.30	Peak assignment corrected	V6TD	09/29/23 12:27
Pentafluorobenzene	3.74	Peak assignment corrected	V6TD	09/29/23 12:27

Lab Sample ID: IC 860-124041/8 Client Sample ID:
Date Analyzed: 09/29/23 12:23 Lab File ID: E09292310.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.40	Baseline	V6TD	09/29/23 12:48
Pentafluorobenzene	3.74	Peak assignment corrected	V6TD	09/29/23 12:39
1,4-Dichlorobenzene-d4	7.99	Peak assignment corrected	V6TD	09/29/23 12:39

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A292 Analysis Batch Number: 124041
Lab Sample ID: ICV 860-124041/11 Client Sample ID:
Date Analyzed: 09/29/23 13:25 Lab File ID: E09292313.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.30	Baseline	V6TD	09/29/23 13:43

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A292 Analysis Batch Number: 125417
Lab Sample ID: CCVIS 860-125417/2 Client Sample ID:
Date Analyzed: 10/09/23 10:40 Lab File ID: E10092304.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	2.30	Peak assignment corrected	V6ZK	10/09/23 11:58
2-Nitropropane	4.94	Peak assignment corrected	V6ZK	10/09/23 12:00

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A294

Analysis Batch Number: 123249

Lab Sample ID: IC 860-123249/2

Client Sample ID:

Date Analyzed: 09/25/23 12:11

Lab File ID: T09252308.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.08	Incomplete Integration	V6ZK	09/25/23 14:40
Ethylene oxide	1.37	Incomplete Integration	V6ZK	09/25/23 14:40
Bromomethane	1.51	Incomplete Integration	V6ZK	09/25/23 15:09
Chloroethane	1.59	Incomplete Integration	V6ZK	09/25/23 14:41
Isopropyl alcohol	1.98	Incomplete Integration	V6ZK	09/25/23 14:41
1,1-Dichloroethene	2.16	Incomplete Integration	V6ZK	09/25/23 14:41
Iodomethane (Methyl Iodide)	2.30	Incomplete Integration	V6ZK	09/25/23 14:41
Allyl Chloride (3-Chloropropene)	2.48	Incomplete Integration	V6ZK	09/25/23 14:41
Methyl acetate	2.50	Incomplete Integration	V6ZK	09/25/23 14:41
Methylene Chloride	2.59	Incomplete Integration	V6ZK	09/25/23 14:42
trans-1,2-Dichloroethene	2.76	Incomplete Integration	V6ZK	09/25/23 14:42
Vinyl acetate	3.14	Incomplete Integration	V6ZK	09/25/23 14:47
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	09/25/23 14:39
cis-1,2-Dichloroethene	3.55	Incomplete Integration	V6ZK	09/25/23 14:42
2-Butanone	3.57	Incomplete Integration	V6ZK	09/25/23 14:42
Ethyl acetate	3.58	Incomplete Integration	V6ZK	09/25/23 14:40
Tetrahydrofuran	3.73	Incomplete Integration	V6ZK	09/25/23 14:42
Carbon tetrachloride	3.95	Incomplete Integration	V6ZK	09/25/23 14:43
1,2-Dichloroethane	4.19	Incomplete Integration	V6ZK	09/25/23 14:43
Methylcyclohexane	4.66	Incomplete Integration	V6ZK	09/25/23 14:40
1,4-Dioxane (P-Dioxane)	4.85	Incomplete Integration	V6ZK	09/25/23 14:43
2-Chloroethyl vinyl ether	5.17	Incomplete Integration	V6ZK	09/25/23 14:43
Ethyl methacrylate	5.69	Incomplete Integration	V6ZK	09/25/23 14:44
1,2-Dibromoethane	6.15	Incomplete Integration	V6ZK	09/25/23 14:44
1-Chlorohexane	6.46	Incomplete Integration	V6ZK	09/25/23 14:44
Chlorobenzene	6.48	Incomplete Integration	V6ZK	09/25/23 14:44
cis-1,4-Dichloro-2-butene	7.28	Incomplete Integration	V6ZK	09/25/23 14:44
n-Butyl acetate	7.31	Incomplete Integration	V6ZK	09/25/23 14:40
trans-1,4-Dichloro-2-butene	7.50	Incomplete Integration	V6ZK	09/25/23 14:44
2-Chlorotoluene	7.56	Incomplete Integration	V6ZK	09/25/23 14:44

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A294 Analysis Batch Number: 123249
Lab Sample ID: IC 860-123249/2 Client Sample ID:
Date Analyzed: 09/25/23 12:11 Lab File ID: T09252308.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dibromo-3-Chloropropane	9.07	Incomplete Integration	V6ZK	09/25/23 14:45

Lab Sample ID: IC 860-123249/3 Client Sample ID:
Date Analyzed: 09/25/23 12:30 Lab File ID: T09252309.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.38	Incomplete Integration	V6ZK	09/25/23 15:06
Bromomethane	1.51	Assign Peak	A8PF	09/26/23 08:26
Vinyl acetate	3.14	Incomplete Integration	V6ZK	09/25/23 14:47
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	09/25/23 14:47
2-Butanone	3.57	Incomplete Integration	V6ZK	09/25/23 14:47
Ethyl acetate	3.58	Incomplete Integration	V6ZK	09/25/23 14:47
Tetrahydrofuran	3.72	Incomplete Integration	V6ZK	09/25/23 14:48
Carbon tetrachloride	3.95	Incomplete Integration	V6ZK	09/25/23 14:48
1,1-Dichloropropene	3.98	Incomplete Integration	V6ZK	09/25/23 14:48
Tert-amyl methyl ether	4.18	Incomplete Integration	V6ZK	09/25/23 14:48
Methylcyclohexane	4.66	Incomplete Integration	V6ZK	09/25/23 14:48
2-Chloroethyl vinyl ether	5.17	Incomplete Integration	V6ZK	09/25/23 14:50
n-Butyl acetate	7.30	Incomplete Integration	V6ZK	09/25/23 14:51

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GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A294

Analysis Batch Number: 123249

Lab Sample ID: IC 860-123249/4

Client Sample ID:

Date Analyzed: 09/25/23 12:48

Lab File ID: T09252310.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethylene oxide	1.37	Incomplete Integration	V6ZK	09/25/23 15:05
Bromomethane	1.51	Incomplete Integration	V6ZK	09/25/23 15:08
Isopropyl alcohol	1.98	Incomplete Integration	V6ZK	09/25/23 14:52
1,1,2-Trichloro-1,2,2-trifluoroethane	2.13	Incomplete Integration	V6ZK	09/25/23 14:52
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	09/25/23 14:52
Ethyl acetate	3.58	Incomplete Integration	V6ZK	09/25/23 14:52
Carbon tetrachloride	3.95	Incomplete Integration	V6ZK	09/25/23 14:52
Tert-amyl methyl ether	4.18	Incomplete Integration	V6ZK	09/25/23 14:53
Methylcyclohexane	4.66	Incomplete Integration	V6ZK	09/25/23 14:53
n-Butyl acetate	7.30	Incomplete Integration	V6ZK	09/25/23 14:53

Lab Sample ID: IC 860-123249/5

Client Sample ID:

Date Analyzed: 09/25/23 13:07

Lab File ID: T09252311.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.51	Incomplete Integration	V6ZK	09/25/23 15:09
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	09/25/23 14:54
2-Butanone	3.57	Incomplete Integration	V6ZK	09/25/23 14:54
Ethyl acetate	3.58	Incomplete Integration	V6ZK	09/25/23 14:54
Carbon tetrachloride	3.95	Incomplete Integration	V6ZK	09/25/23 14:55
Tert-amyl methyl ether	4.18	Incomplete Integration	V6ZK	09/25/23 14:55
Methylcyclohexane	4.66	Incomplete Integration	V6ZK	09/25/23 14:55
n-Butyl acetate	7.30	Incomplete Integration	V6ZK	09/25/23 14:55

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A294 Analysis Batch Number: 123249
Lab Sample ID: ICIS 860-123249/6 Client Sample ID:
Date Analyzed: 09/25/23 13:26 Lab File ID: T09252312.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.50	Incomplete Integration	V6ZK	09/25/23 15:08
Isopropyl alcohol	1.97	Incomplete Integration	V6ZK	09/25/23 13:47
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	09/25/23 15:34
2-Butanone	3.57	Incomplete Integration	V6ZK	09/25/23 13:47
Ethyl acetate	3.58	Incomplete Integration	V6ZK	09/25/23 15:34
Carbon tetrachloride	3.95	Incomplete Integration	V6ZK	09/25/23 13:47
Tert-amyl methyl ether	4.18	Incomplete Integration	V6ZK	09/25/23 13:48
Methylcyclohexane	4.66	Incomplete Integration	V6ZK	09/25/23 15:00
n-Butyl acetate	7.30	Incomplete Integration	V6ZK	09/25/23 15:34

Lab Sample ID: IC 860-123249/7 Client Sample ID:
Date Analyzed: 09/25/23 13:45 Lab File ID: T09252313.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.50	Incomplete Integration	V6ZK	09/25/23 15:07
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	09/25/23 15:01
Ethyl acetate	3.58	Incomplete Integration	V6ZK	09/25/23 15:01
Carbon tetrachloride	3.95	Incomplete Integration	V6ZK	09/25/23 15:03
Tert-amyl methyl ether	4.18	Incomplete Integration	V6ZK	09/25/23 15:02
Methylcyclohexane	4.65	Incomplete Integration	V6ZK	09/25/23 15:02
n-Butyl acetate	7.30	Incomplete Integration	V6ZK	09/25/23 15:02

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A294 Analysis Batch Number: 123249
Lab Sample ID: IC 860-123249/8 Client Sample ID:
Date Analyzed: 09/25/23 14:04 Lab File ID: T09252314.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	1.50	Incomplete Integration	V6ZK	09/25/23 15:07
Isopropyl alcohol	1.97	Incomplete Integration	V6ZK	09/25/23 14:57
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	09/25/23 14:58
Ethyl acetate	3.58	Incomplete Integration	V6ZK	09/25/23 14:58
Carbon tetrachloride	3.95	Incomplete Integration	V6ZK	09/25/23 14:59
Tert-amyl methyl ether	4.18	Incomplete Integration	V6ZK	09/25/23 14:59
Methylcyclohexane	4.66	Incomplete Integration	V6ZK	09/25/23 15:00
n-Butyl acetate	7.30	Incomplete Integration	V6ZK	09/25/23 15:00

Lab Sample ID: ICV 860-123249/11 Client Sample ID:
Date Analyzed: 09/25/23 15:01 Lab File ID: T09252317.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isopropyl alcohol	1.97	Incomplete Integration	V6ZK	09/25/23 15:24
2,2-Dichloropropane	3.52	Incomplete Integration	V6ZK	09/25/23 15:25
2-Butanone	3.57	Incomplete Integration	V6ZK	09/25/23 15:25
Ethyl acetate	3.58	Incomplete Integration	V6ZK	09/25/23 15:25
Carbon tetrachloride	3.95	Incomplete Integration	V6ZK	09/25/23 15:32
Tert-amyl methyl ether	4.18	Incomplete Integration	V6ZK	09/25/23 15:32
Methylcyclohexane	4.66	Incomplete Integration	V6ZK	09/25/23 15:32
n-Butyl acetate	7.30	Incomplete Integration	V6ZK	09/25/23 15:32

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A294

Analysis Batch Number: 125295

Lab Sample ID: CCVIS 860-125295/2

Client Sample ID:

Date Analyzed: 10/06/23 20:47

Lab File ID: T10062338.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	1.57	Incomplete Integration	suporna	10/09/23 10:30
Isopropyl alcohol	1.97	Peak assignment corrected	suporna	10/09/23 10:30
2,2-Dichloropropane	3.52	Incomplete Integration	suporna	10/09/23 10:30
Ethyl acetate	3.57	Incomplete Integration	suporna	10/09/23 10:31
Methylcyclohexane	4.65	Incomplete Integration	suporna	10/09/23 10:31
n-Butyl acetate	7.30	Incomplete Integration	suporna	10/09/23 10:32

Lab Sample ID: 860-58730-11

Client Sample ID: ARTESIA-MW37-100323

Date Analyzed: 10/07/23 00:34

Lab File ID: T10062350.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.11	Incomplete Integration	suporna	10/09/23 11:30

Lab Sample ID: 860-58730-12

Client Sample ID: ARTESIA-MW12-100423

Date Analyzed: 10/07/23 03:44

Lab File ID: T10062360.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	2.16	Incomplete Integration	suporna	10/09/23 11:40
Naphthalene	9.86	Incomplete Integration	suporna	10/09/23 11:40

Lab Sample ID: 860-58730-14

Client Sample ID: ARTESIA-MW22-100423

Date Analyzed: 10/07/23 04:22

Lab File ID: T10062362.D

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.12	Incomplete Integration	suporna	10/09/23 11:40

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A294 Analysis Batch Number: 125295
Lab Sample ID: 860-58730-18 Client Sample ID: ARTESIA-MW30-100323
Date Analyzed: 10/07/23 05:38 Lab File ID: T10062366.D GC Column: DB-624 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	3.11	Incomplete Integration	suporna	10/09/23 11:41

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A166 Analysis Batch Number: 80208
Lab Sample ID: ICB 860-80208/9 Client Sample ID:
Date Analyzed: 12/03/22 21:56 Lab File ID: 03_Dec_2022 21_56.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate		Invalid Compound ID	prommekw	12/05/22 15:57

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Instrument ID: A166 Analysis Batch Number: 125521

Lab Sample ID: IC 860-125521/1 Client Sample ID: _____

Date Analyzed: 10/09/23 17:41 Lab File ID: 09_Oct_2023 17_41.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	2.59	Baseline Smoothing	EN6W	10/09/23 18:46
Chloride	3.52	Baseline Smoothing	EN6W	10/09/23 18:46
Sulfate	5.12	Baseline Smoothing	EN6W	10/09/23 18:46
Bromide	5.65	Baseline Smoothing	EN6W	10/09/23 18:46

Lab Sample ID: IC 860-125521/2 Client Sample ID: _____

Date Analyzed: 10/09/23 17:52 Lab File ID: 09_Oct_2023 17_52.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	2.59	Baseline Smoothing	EN6W	10/09/23 18:46
Chloride	3.52	Baseline Smoothing	EN6W	10/09/23 18:47
Sulfate	5.12	Baseline Smoothing	EN6W	10/09/23 18:47
Bromide	5.66	Baseline Smoothing	EN6W	10/09/23 18:47

Lab Sample ID: IC 860-125521/3 Client Sample ID: _____

Date Analyzed: 10/09/23 18:02 Lab File ID: 09_Oct_2023 18_02.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	2.59	Baseline Smoothing	EN6W	10/09/23 18:47
Chloride	3.52	Baseline Smoothing	EN6W	10/09/23 18:47
Sulfate	5.13	Baseline Smoothing	EN6W	10/09/23 18:47
Bromide	5.65	Baseline Smoothing	EN6W	10/09/23 18:48

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Instrument ID: A166 Analysis Batch Number: 125521

Lab Sample ID: IC 860-125521/4 Client Sample ID: _____

Date Analyzed: 10/09/23 18:13 Lab File ID: 09_Oct_2023 18_13.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	2.59	Baseline Smoothing	EN6W	10/09/23 18:49
Chloride	3.52	Baseline Smoothing	EN6W	10/09/23 18:49
Sulfate	5.13	Baseline Smoothing	EN6W	10/09/23 18:49
Bromide	5.64	Baseline Smoothing	EN6W	10/09/23 18:49

Lab Sample ID: IC 860-125521/5 Client Sample ID: _____

Date Analyzed: 10/09/23 18:24 Lab File ID: 09_Oct_2023 18_24.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	2.60	Baseline Smoothing	EN6W	10/09/23 18:49
Chloride	3.52	Baseline Smoothing	EN6W	10/09/23 18:49
Sulfate	5.12	Baseline Smoothing	EN6W	10/09/23 18:49
Bromide	5.64	Baseline Smoothing	EN6W	10/09/23 18:49

Lab Sample ID: IC 860-125521/6 Client Sample ID: _____

Date Analyzed: 10/09/23 18:35 Lab File ID: 09_Oct_2023 18_35.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluoride	2.61	Baseline Smoothing	EN6W	10/09/23 18:50
Chloride	3.52	Baseline Smoothing	EN6W	10/09/23 18:50
Sulfate	5.11	Baseline Smoothing	EN6W	10/09/23 18:50
Bromide	5.63	Baseline Smoothing	EN6W	10/09/23 18:50

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Instrument ID: A166 Analysis Batch Number: 125521

Lab Sample ID: IC 860-125521/7 Client Sample ID: _____

Date Analyzed: 10/09/23 18:46 Lab File ID: 09_Oct_2023 18_46.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.10	Baseline Smoothing	EN6W	10/09/23 18:57
Bromide	5.62	Baseline Smoothing	EN6W	10/09/23 18:57

Lab Sample ID: IC 860-125521/8 Client Sample ID: _____

Date Analyzed: 10/09/23 18:56 Lab File ID: 09_Oct_2023 18_56.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.98	Baseline Smoothing	EN6W	10/09/23 19:30
Bromide	5.47	Baseline Smoothing	EN6W	10/09/23 19:30

Lab Sample ID: IC 860-125521/9 Client Sample ID: _____

Date Analyzed: 10/09/23 19:07 Lab File ID: 09_Oct_2023 19_07.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.81	Baseline Smoothing	EN6W	10/09/23 19:30
Bromide	5.25	Baseline Smoothing	EN6W	10/09/23 19:30

Lab Sample ID: IC 860-125521/10 Client Sample ID: _____

Date Analyzed: 10/09/23 19:18 Lab File ID: 09_Oct_2023 19_18.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.59	Baseline Smoothing	EN6W	10/09/23 19:30
Bromide	4.97	Baseline Smoothing	EN6W	10/09/23 19:30

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Instrument ID: A166 Analysis Batch Number: 126522
Lab Sample ID: CCVRT 860-126522/1 Client Sample ID:
Date Analyzed: 10/16/23 16:11 Lab File ID: 16_Oct_2023 16_11.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.95	Baseline Smoothing	EN6W	10/17/23 14:24
Bromide	5.50	Baseline Smoothing	EN6W	10/17/23 14:24

Lab Sample ID: LCS 860-126522/4 Client Sample ID:
Date Analyzed: 10/16/23 16:44 Lab File ID: 16_Oct_2023 16_44.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.96	Baseline Smoothing	EN6W	10/17/23 14:24

Lab Sample ID: LCSD 860-126522/5 Client Sample ID:
Date Analyzed: 10/16/23 16:54 Lab File ID: 16_Oct_2023 16_54.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.96	Baseline Smoothing	EN6W	10/17/23 14:24

Lab Sample ID: LLCS 860-126522/7 Client Sample ID:
Date Analyzed: 10/16/23 17:16 Lab File ID: 16_Oct_2023 17_16.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.96	Baseline Smoothing	EN6W	10/17/23 13:27

300.0

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Instrument ID: A166 Analysis Batch Number: 126522

Lab Sample ID: CCV 860-126522/13 Client Sample ID: _____

Date Analyzed: 10/16/23 18:20 Lab File ID: 16_Oct_2023 18_20.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.98	Baseline Smoothing	EN6W	10/17/23 13:29
Bromide	5.47	Baseline Smoothing	EN6W	10/17/23 13:29

Lab Sample ID: CCV 860-126522/25 Client Sample ID: _____

Date Analyzed: 10/16/23 20:29 Lab File ID: 16_Oct_2023 20_29.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	5.03	Baseline Smoothing	EN6W	10/17/23 13:30
Bromide	5.46	Baseline Smoothing	EN6W	10/17/23 13:30

Lab Sample ID: CCV 860-126522/37 Client Sample ID: _____

Date Analyzed: 10/16/23 22:38 Lab File ID: 16_Oct_2023 22_38.d GC Column: AS-18 ID: 0.004 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Sulfate	4.91	Baseline Smoothing	EN6W	10/17/23 13:31
Bromide	5.46	Baseline Smoothing	EN6W	10/17/23 13:31

300.0

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM8260GASSTD_00092	11/30/23	09/14/23	Methanol, Lot 224453	10 mL	VMGasX_00004	200 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
.VMGasX_00004	08/31/25		Restek, Lot A0188946		(Purchased Reagent)		Vinyl chloride	50 ug/mL
							Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
VM8260ISS50_00023							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							1,4-Dichloro-2-butene, Total	
							Tentatively Identified Compound	
					VMISX_00004	250 uL	Trihalomethanes, Total	
							Xylenes, Total	
							1,4-Dichlorobenzene-d4	50 ug/mL
							1,4-Difluorobenzene	50 ug/mL
					VMSSX_00004	250 uL	Chlorobenzene-d5	50 ug/mL
							Pentafluorobenzene	50 ug/mL
							1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							BFB	50 ug/mL
.VMISX_00004	02/28/25		Agilent, Lot 0006727115		(Purchased Reagent)		Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
							1,4-Dichlorobenzene-d4	20000 ug/mL
							1,4-Difluorobenzene	20000 ug/mL
							Chlorobenzene-d5	20000 ug/mL
.VMSSX_00004	01/31/25		Agilent, Lot 0006719383		(Purchased Reagent)		Pentafluorobenzene	20000 ug/mL
							1,2-Dichloroethane-d4 (Surr)	20000 ug/mL
							4-Bromofluorobenzene (Surr)	20000 ug/mL
							BFB	20000 ug/mL
							Dibromofluoromethane (Surr)	20000 ug/mL
VM8260LCS_00065	10/31/23	09/14/23	Methanol, Lot 62272	10 mL	VMMegaMixX2s_00004	200 uL	Toluene-d8 (Surr)	20000 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							Benzene	50 ug/mL
							Naphthalene	50 ug/mL
							Tetrachloroethene	50 ug/mL

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMMegaMixX2s_00004	08/31/25		Restek, Lot A0195252		(Purchased Reagent)		1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							Benzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
VM8260STD_00122	11/30/23	09/14/23	Methanol, Lot 224453	10 mL	VM12MNapX_00009	500 uL	1-Methylnaphthalene	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
					VM2CEVE_X_00002	200 uL	2-Chloroethyl vinyl ether	50 ug/mL
					VM4EthylTX_00006	500 uL	4-Ethyltoluene	50 ug/mL
					VMACroleinX_00005	125 uL	Acrolein	250 ug/mL
					VMcis14D2B_00004	500 uL	cis-1,4-Dichloro-2-butene	50 ug/mL
					VMCyclohexX_00009	1000 uL	Cyclohexanone	2500 ug/mL
					VMDicycloX_00011	500 uL	Dicyclopentadiene	50 ug/mL
					VMEpiHyWL_00003	200 uL	Epichlorohydrin	500.409 ug/mL
					VMEthyOxideX_00003	100 uL	Ethylene oxide	500 ug/mL
					VMKetonesX_00002	200 uL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					VML2/S6X_00005	200 uL	1-Chlorohexane	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	1240 ug/mL
					VML2/S7X_00006	200 uL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					VMMegMix_00003	200 uL	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-trifluor oethane	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

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
					VMPolarAddX_00004	200 uL	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
					VMVinylAX_00007	500 uL	Vinyl acetate	250 ug/mL
.VM12MNaP_X_00009	01/24/32		AccuStandard, Lot 222011480		(Purchased Reagent)		1-Methylnaphthalene	1000 ug/mL
.VM2CEVE_X_00002	09/30/24		Restek, Lot A0176827		(Purchased Reagent)		2-Methylnaphthalene	1000 ug/mL
.VM4EthylTX_00006	10/08/24		Absolute Standards, Lot 100819		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
.VMAcroleinX_00005	08/31/24		Restek, Lot A0194513		(Purchased Reagent)		4-Ethyltoluene	1000 ug/mL
.VMcis14D2B_00004	05/17/25		Absolute, Lot 051722		(Purchased Reagent)		Acrolein	20000 ug/mL
.VMCyclohexX_00009	04/30/26		Restek, Lot A0197009		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	1000 ug/mL
.VMDicycloX_00011	08/25/27		Absolute Standards, Lot 082522		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
.VMEpiHyWL_00003	06/27/24	06/27/23	Methanol, Lot 60049	10 mL	VMEpichydL_00001	211.5 uL	Dicyclopentadiene	1000 ug/mL
..VMEpichydL_00001	03/31/28		ChemService, Lot 12570600		(Purchased Reagent)		Epichlorohydrin	25020.5 mg/L
.VMEthyOxideX_00003	07/31/25		Sigma-Aldrich, Lot LRAD3011		(Purchased Reagent)		Epichlorohydrin	1.183 g/mL
.VMKetonesX_00002	01/31/24		Restek, Lot A0174287		(Purchased Reagent)		Ethylene oxide	50 mg/mL
							2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.VML2/S6X_00005	11/30/23		Restek, Lot A0184916		(Purchased Reagent)		1-Chlorohexane	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	62000 ug/mL
.VML2/S7X_00006	03/31/24		Restek, Lot A0189215		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.VMMegMix_00003	09/30/24		Restek, Lot A0183568		(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

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Methyl acetate	5000 ug/mL

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	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
.VMPolarAddX_00004	02/28/25		Restek, Lot A0194786		(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
.VMVinylAX_00007	07/31/24		Restek, Lot A0193875		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
WC-IC-P2_00007	10/31/23		CPI, Lot 10068635-3		(Purchased Reagent)		Bromide	1000 ug/mL
							Chloride	1000 ug/mL
							Fluoride	1000 ug/mL
							Sulfate	1000 ug/mL
WC-IC-P2_00008	05/31/24		HPS, Lot 2312840-500		(Purchased Reagent)		Sulfate	1000 ug/mL
WC-TOC-ICV_00113	01/11/24	10/11/23	DI Water, Lot NA	500 mL	WC-TOC-P_00016	5 mL	Total Organic Carbon	10 ug/mL
.WC-TOC-P_00016	10/26/27		Inorganic Ventures, Lot T2-C725305		(Purchased Reagent)		Total Organic Carbon	1000 ug/mL
WC-TOC-LCS_00129	01/11/24	10/11/23	DI Water, Lot N/A	250 mL	WC-TOC-P_00016	1.25 mL	Total Organic Carbon	5 ug/mL
.WC-TOC-P_00016	10/26/27		Inorganic Ventures, Lot T2-C725305		(Purchased Reagent)		Total Organic Carbon	1000 ug/mL
							Total Organic Carbon	1000 ug/mL

Method 8260D

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
ARTESIA-MW31-10042 3	860-58730-1	101	116	102	102
ARTESIA-MW34-10032 3	860-58730-2	97	119	102	103
ARTESIA-MW35-10032 3	860-58730-3	100	118	103	102
ARTESIA-MD35-10032 3	860-58730-4	95	116	105	105
ARTESIA-MW39-10032 3	860-58730-5	102	122	104	107
ARTESIA-MW40-10032 3	860-58730-6	107	124	103	104
ARTESIA-MW17C-1003 23	860-58730-7	104	117	105	104
ARTESIA-TB01-05102 3	860-58730-8	98	111	102	101
ARTESIA-MW36-10032 3	860-58730-9	106	123	104	105
ARTESIA-MW38-10042 3	860-58730-10	107	120	106	104
ARTESIA-MW37-10032 3	860-58730-11	98	117	100	102
ARTESIA-MW12-10042 3	860-58730-12	107	121	103	105
ARTESIA-MW11-10042 3	860-58730-13	107	121	103	106
ARTESIA-MW22-10042 3	860-58730-14	101	120	105	106
ARTESIA-MW25-10042 3	860-58730-15	107	122	103	104
ARTESIA-MW28-10042 3	860-58730-16	108	122	103	106
ARTESIA-MW29-10042 3	860-58730-17	107	117	104	104
ARTESIA-MW30-10032 3	860-58730-18	108	123	105	106
ARTESIA-MW17C-1003 23-FD	860-58730-19	109	107	110	108
	MB 860-125295/10	99	110	102	101
	MB 860-125417/10	108	107	106	102
	LCS 860-125295/3	90	97	98	95
	LCS 860-125417/3	102	100	104	103
	LCSD 860-125295/4	90	109	98	96
	LCSD 860-125417/4	104	101	108	103

QC LIMITS

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

75-131
63-144
80-120
74-124

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERYLab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Matrix: Water Level: LowGC Column (1): DB-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
ARTESIA-MW37-10032 3 MS	860-58730-11 MS	91	93	96	96
ARTESIA-MW17C-1003 23-FD MS	860-58730-19 MS	105	100	107	104
ARTESIA-MW37-10032 3 MSD	860-58730-11 MSD	93	96	97	96

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	75-131
DCA = 1,2-Dichloroethane-d4 (Surr)	63-144
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	74-124

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Matrix: Water Level: Low Lab File ID: T10062339.D
Lab ID: LCS 860-125295/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.04366	87	70-130	
1,1-Dichloroethene	0.0500	0.04312	86	50-150	
Benzene	0.0500	0.04622	92	75-125	
Naphthalene	0.0500	0.04800	96	70-130	
Tetrachloroethene	0.0500	0.04978	100	71-125	

Column to be used to flag recovery and RPD values
FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Matrix: Water Level: Low Lab File ID: E10092305.D
Lab ID: LCS 860-125417/3 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.05460	109	70-130	
1,1-Dichloroethene	0.0500	0.05227	105	50-150	
Benzene	0.0500	0.05105	102	75-125	
Naphthalene	0.0500	0.04745	95	70-130	
Tetrachloroethene	0.0500	0.04563	91	71-125	

Column to be used to flag recovery and RPD values
FORM III 8260D

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: T10062340.D
Lab ID: LCSD 860-125295/4 Client ID: _____

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	0.0500	0.04144	83	5	25	70-130	
1,1-Dichloroethene	0.0500	0.04052	81	6	25	50-150	
Benzene	0.0500	0.04737	95	2	25	75-125	
Naphthalene	0.0500	0.05269	105	9	25	70-130	
Tetrachloroethene	0.0500	0.04946	99	1	25	71-125	

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Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: E10092306.D
Lab ID: LCSD 860-125417/4 Client ID: _____

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	0.0500	0.05232	105	4	25	70-130	
1,1-Dichloroethene	0.0500	0.05226	105	0	25	50-150	
Benzene	0.0500	0.04852	97	5	25	75-125	
Naphthalene	0.0500	0.04945	99	4	25	70-130	
Tetrachloroethene	0.0500	0.04355	87	5	25	71-125	

10/20/2023

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: T10062343.D
Lab ID: 860-58730-11 MS Client ID: ARTESIA-MW37-100323 MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.000683 J	0.04175	82	72-125	
1,1-Dichloroethene	0.0500	0.000738 U	0.04291	86	59-172	
Benzene	0.0500	0.0113	0.05780	93	66-142	
Naphthalene	0.0500	0.00471 J	0.06294	116	70-130	
Tetrachloroethene	0.0500	0.00101	0.04873	95	71-125	

Column to be used to flag recovery and RPD values
FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: E10092307.D
Lab ID: 860-58730-19 MS Client ID: ARTESIA-MW17C-100323-FD MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
1,1-Dichloroethane	0.0500	0.000635 U	0.03751	75	72-125	
1,1-Dichloroethene	0.0500	0.000738 U	0.03899	78	59-172	
Benzene	0.0500	0.000460 U	0.03685	74	66-142	
Naphthalene	0.0500	0.00135 U	0.03673	73	70-130	
Tetrachloroethene	0.0500	0.000655 U	0.03478	70	71-125	F1

Column to be used to flag recovery and RPD values

FORM III 8260D

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: T10062344.D
Lab ID: 860-58730-11 MSD Client ID: ARTESIA-MW37-100323 MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1-Dichloroethane	0.0500	0.04498	89	7	25	72-125	
1,1-Dichloroethene	0.0500	0.04658	93	8	25	59-172	
Benzene	0.0500	0.05958	96	3	25	66-142	
Naphthalene	0.0500	0.06672	124	6	25	70-130	
Tetrachloroethene	0.0500	0.05370	105	10	25	71-125	

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FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
 SDG No.: _____
 Lab File ID: T10062348.D Lab Sample ID: MB 860-125295/10
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A294 Date Analyzed: 10/06/2023 23:56
 GC Column: DB-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 860-125295/3	T10062339.D	10/06/2023 21:06
	LCSD 860-125295/4	T10062340.D	10/06/2023 21:25
ARTESIA-MW37-100323 MS	860-58730-11 MS	T10062343.D	10/06/2023 22:22
ARTESIA-MW37-100323 MSD	860-58730-11 MSD	T10062344.D	10/06/2023 22:41
ARTESIA-TB01-051023	860-58730-8	T10062349.D	10/07/2023 00:15
ARTESIA-MW37-100323	860-58730-11	T10062350.D	10/07/2023 00:34
ARTESIA-MW31-100423	860-58730-1	T10062351.D	10/07/2023 00:53
ARTESIA-MW34-100323	860-58730-2	T10062352.D	10/07/2023 01:12
ARTESIA-MW35-100323	860-58730-3	T10062353.D	10/07/2023 01:31
ARTESIA-MD35-100323	860-58730-4	T10062354.D	10/07/2023 01:50
ARTESIA-MW39-100323	860-58730-5	T10062355.D	10/07/2023 02:09
ARTESIA-MW40-100323	860-58730-6	T10062356.D	10/07/2023 02:28
ARTESIA-MW17C-100323	860-58730-7	T10062357.D	10/07/2023 02:47
ARTESIA-MW36-100323	860-58730-9	T10062358.D	10/07/2023 03:06
ARTESIA-MW38-100423	860-58730-10	T10062359.D	10/07/2023 03:25
ARTESIA-MW12-100423	860-58730-12	T10062360.D	10/07/2023 03:44
ARTESIA-MW11-100423	860-58730-13	T10062361.D	10/07/2023 04:03
ARTESIA-MW22-100423	860-58730-14	T10062362.D	10/07/2023 04:22
ARTESIA-MW25-100423	860-58730-15	T10062363.D	10/07/2023 04:41
ARTESIA-MW28-100423	860-58730-16	T10062364.D	10/07/2023 05:00
ARTESIA-MW29-100423	860-58730-17	T10062365.D	10/07/2023 05:19
ARTESIA-MW30-100323	860-58730-18	T10062366.D	10/07/2023 05:38

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Lab File ID: E10092312.D Lab Sample ID: MB 860-125417/10
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: A292 Date Analyzed: 10/09/2023 13:24
GC Column: DB-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 860-125417/3	E10092305.D	10/09/2023 11:00
	LCSD 860-125417/4	E10092306.D	10/09/2023 11:21
ARTESIA-MW17C-100323-FD MS	860-58730-19 MS	E10092307.D	10/09/2023 11:41
ARTESIA-MW17C-100323-FD	860-58730-19	E10092314.D	10/09/2023 14:05

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

Lab Name: Eurofins Houston Job No.: 860-58730-1
 SDG No.: _____
 Lab File ID: E09292303.D BFB Injection Date: 09/29/2023
 Instrument ID: A292 BFB Injection Time: 09:59
 Analysis Batch No.: 124041

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.8
75	30.0 - 60.0 % of mass 95	51.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	81.2
175	5.0 - 9.0 % of mass 174	6.1 (7.5) 1
176	95.0 - 101.0 % of mass 174	79.4 (97.8) 1
177	5.0 - 9.0 % of mass 176	5.4 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 860-124041/2	E09292304.D	09/29/2023	10:20
	IC 860-124041/3	E09292305.D	09/29/2023	10:40
	IC 860-124041/4	E09292306.D	09/29/2023	11:01
	IC 860-124041/5	E09292307.D	09/29/2023	11:21
	ICIS 860-124041/6	E09292308.D	09/29/2023	11:42
	IC 860-124041/7	E09292309.D	09/29/2023	12:02
	IC 860-124041/8	E09292310.D	09/29/2023	12:23
	ICV 860-124041/11	E09292313.D	09/29/2023	13:25

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

Lab Name: Eurofins Houston Job No.: 860-58730-1
 SDG No.: _____
 Lab File ID: E10092303.D BFB Injection Date: 10/09/2023
 Instrument ID: A292 BFB Injection Time: 10:19
 Analysis Batch No.: 125417

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.0
75	30.0 - 60.0 % of mass 95	55.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.2
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	78.5
175	5.0 - 9.0 % of mass 174	6.8 (8.6) 1
176	95.0 - 101.0 % of mass 174	77.3 (98.4) 1
177	5.0 - 9.0 % of mass 176	5.3 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 860-125417/2	E10092304.D	10/09/2023	10:40
	LCS 860-125417/3	E10092305.D	10/09/2023	11:00
	LCSD 860-125417/4	E10092306.D	10/09/2023	11:21
ARTESIA-MW17C-100323-FD MS	860-58730-19 MS	E10092307.D	10/09/2023	11:41
	MB 860-125417/10	E10092312.D	10/09/2023	13:24
ARTESIA-MW17C-100323-FD	860-58730-19	E10092314.D	10/09/2023	14:05

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

Lab Name: Eurofins Houston Job No.: 860-58730-1
 SDG No.: _____
 Lab File ID: T09252307.D BFB Injection Date: 09/25/2023
 Instrument ID: A294 BFB Injection Time: 11:52
 Analysis Batch No.: 123249

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.2
75	30.0 - 60.0 % of mass 95	54.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.5 (0.7) 1
174	Greater than 50% of mass 95	78.1
175	5.0 - 9.0 % of mass 174	5.7 (7.3) 1
176	95.0 - 101.0 % of mass 174	76.7 (98.2) 1
177	5.0 - 9.0 % of mass 176	5.2 (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
	IC 860-123249/2	T09252308.D	09/25/2023	12:11
	IC 860-123249/3	T09252309.D	09/25/2023	12:30
	IC 860-123249/4	T09252310.D	09/25/2023	12:48
	IC 860-123249/5	T09252311.D	09/25/2023	13:07
	ICIS 860-123249/6	T09252312.D	09/25/2023	13:26
	IC 860-123249/7	T09252313.D	09/25/2023	13:45
	IC 860-123249/8	T09252314.D	09/25/2023	14:04
	ICV 860-123249/11	T09252317.D	09/25/2023	15:01

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

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Lab File ID: T10062337.D BFB Injection Date: 10/06/2023
Instrument ID: A294 BFB Injection Time: 20:28
Analysis Batch No.: 125295

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	24.1
75	30.0 - 60.0 % of mass 95	57.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.3 (0.4) 1
174	Greater than 50% of mass 95	84.1
175	5.0 - 9.0 % of mass 174	6.1 (7.3) 1
176	95.0 - 101.0 % of mass 174	83.2 (98.9) 1
177	5.0 - 9.0 % of mass 176	5.3 (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
	CCVIS 860-125295/2	T10062338.D	10/06/2023	20:47
	LCS 860-125295/3	T10062339.D	10/06/2023	21:06
	LCSD 860-125295/4	T10062340.D	10/06/2023	21:25
ARTESIA-MW37-100323 MS	860-58730-11 MS	T10062343.D	10/06/2023	22:22
ARTESIA-MW37-100323 MSD	860-58730-11 MSD	T10062344.D	10/06/2023	22:41
	MB 860-125295/10	T10062348.D	10/06/2023	23:56
ARTESIA-TB01-051023	860-58730-8	T10062349.D	10/07/2023	0:15
ARTESIA-MW37-100323	860-58730-11	T10062350.D	10/07/2023	0:34
ARTESIA-MW31-100423	860-58730-1	T10062351.D	10/07/2023	0:53
ARTESIA-MW34-100323	860-58730-2	T10062352.D	10/07/2023	1:12
ARTESIA-MW35-100323	860-58730-3	T10062353.D	10/07/2023	1:31
ARTESIA-MD35-100323	860-58730-4	T10062354.D	10/07/2023	1:50
ARTESIA-MW39-100323	860-58730-5	T10062355.D	10/07/2023	2:09
ARTESIA-MW40-100323	860-58730-6	T10062356.D	10/07/2023	2:28
ARTESIA-MW17C-100323	860-58730-7	T10062357.D	10/07/2023	2:47
ARTESIA-MW36-100323	860-58730-9	T10062358.D	10/07/2023	3:06
ARTESIA-MW38-100423	860-58730-10	T10062359.D	10/07/2023	3:25
ARTESIA-MW12-100423	860-58730-12	T10062360.D	10/07/2023	3:44
ARTESIA-MW11-100423	860-58730-13	T10062361.D	10/07/2023	4:03
ARTESIA-MW22-100423	860-58730-14	T10062362.D	10/07/2023	4:22
ARTESIA-MW25-100423	860-58730-15	T10062363.D	10/07/2023	4:41
ARTESIA-MW28-100423	860-58730-16	T10062364.D	10/07/2023	5:00
ARTESIA-MW29-100423	860-58730-17	T10062365.D	10/07/2023	5:19
ARTESIA-MW30-100323	860-58730-18	T10062366.D	10/07/2023	5:38

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Sample No.: ICIS 860-124041/6 Date Analyzed: 09/29/2023 11:42
Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm)
Lab File ID (Standard): E09292308.D Heated Purge: (Y/N) N
Calibration ID: 6016

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		399819	3.74	624243	4.25	572468	6.29
UPPER LIMIT		799638	4.24	1248486	4.75	1144936	6.79
LOWER LIMIT		199910	3.24	312122	3.75	286234	5.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-124041/11		399620	3.74	612056	4.25	547612	6.29
CCVIS 860-125417/2		239172	3.74	387543	4.25	356900	6.29

PFB = Pentafluorobenzene

DFBZ = 1,4-Difluorobenzene

CBNZd5 = Chlorobenzene-d5

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Sample No.: ICIS 860-124041/6 Date Analyzed: 09/29/2023 11:42
Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm)
Lab File ID (Standard): E09292308.D Heated Purge: (Y/N) N
Calibration ID: 6016

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		311577	7.99				
UPPER LIMIT		623154	8.49				
LOWER LIMIT		155789	7.49				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-124041/11		280783	7.99				
CCVIS 860-125417/2		181880	7.99				

DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Sample No.: CCVIS 860-125417/2 Date Analyzed: 10/09/2023 10:40

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): E10092304.D Heated Purge: (Y/N) N

Calibration ID: 6016

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		239172	3.74	387543	4.25	356900	6.29
UPPER LIMIT		478344	4.24	775086	4.75	713800	6.79
LOWER LIMIT		119586	3.24	193772	3.75	178450	5.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-125417/3		236944	3.74	385315	4.25	358092	6.29
LCSD 860-125417/4		237465	3.74	390477	4.25	351072	6.29
860-58730-19 MS	ARTESIA-MW17C-10032 3-FD MS	232998	3.74	381863	4.25	338535	6.29
MB 860-125417/10		220120	3.74	362519	4.25	315195	6.29
860-58730-19	ARTESIA-MW17C-10032 3-FD	213164	3.74	350860	4.25	293693	6.29

PFB = Pentafluorobenzene

DFBZ = 1,4-Difluorobenzene

CBNZd5 = Chlorobenzene-d5

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Sample No.: CCVIS 860-125417/2 Date Analyzed: 10/09/2023 10:40

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): E10092304.D Heated Purge: (Y/N) N

Calibration ID: 6016

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		181880	7.99				
UPPER LIMIT		363760	8.49				
LOWER LIMIT		90940	7.49				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-125417/3		184907	7.99				
LCSD 860-125417/4		174861	7.99				
860-58730-19 MS	ARTESIA-MW17C-10032 3-FD MS	169671	7.99				
MB 860-125417/10		148255	7.99				
860-58730-19	ARTESIA-MW17C-10032 3-FD	122612	7.99				

DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Sample No.: ICIS 860-123249/6 Date Analyzed: 09/25/2023 13:26
Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm)
Lab File ID (Standard): T09252312.D Heated Purge: (Y/N) N
Calibration ID: 5969

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		549362	3.92	867580	4.42	830085	6.46
UPPER LIMIT		1098724	4.42	1735160	4.92	1660170	6.96
LOWER LIMIT		274681	3.42	433790	3.92	415043	5.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 860-123249/11		552306	3.92	885697	4.42	818303	6.46
CCVIS 860-125295/2		479658	3.92	707696	4.42	635008	6.46

PFB = Pentafluorobenzene

DFBZ = 1,4-Difluorobenzene

CBNZd5 = Chlorobenzene-d5

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Sample No.: ICIS 860-123249/6 Date Analyzed: 09/25/2023 13:26
Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm)
Lab File ID (Standard): T09252312.D Heated Purge: (Y/N) N
Calibration ID: 5969

	DCBd4					
	AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT	441349	8.17				
UPPER LIMIT	882698	8.67				
LOWER LIMIT	220675	7.67				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 860-123249/11		413765	8.17			
CCVIS 860-125295/2		338157	8.17			

DCBd4 = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Sample No.: CCVIS 860-125295/2 Date Analyzed: 10/06/2023 20:47

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): T10062338.D Heated Purge: (Y/N) N

Calibration ID: 5969

		PFB		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		479658	3.92	707696	4.42	635008	6.46
UPPER LIMIT		959316	4.42	1415392	4.92	1270016	6.96
LOWER LIMIT		239829	3.42	353848	3.92	317504	5.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-125295/3		453803	3.92	674882	4.42	638203	6.46
LCSD 860-125295/4		469974	3.92	686911	4.42	616880	6.46
860-58730-11 MS	ARTESIA-MW37-100323 MS	516647	3.92	786249	4.42	710187	6.46
860-58730-11 MSD	ARTESIA-MW37-100323 MSD	490761	3.92	757431	4.42	697351	6.46
MB 860-125295/10		527991	3.92	836604	4.42	744880	6.46
860-58730-8	ARTESIA-TB01-051023	506620	3.92	796427	4.42	696356	6.46
860-58730-11	ARTESIA-MW37-100323	448575	3.92	711394	4.42	650455	6.46
860-58730-1	ARTESIA-MW31-100423	474736	3.92	740923	4.42	637881	6.46
860-58730-2	ARTESIA-MW34-100323	440410	3.92	701573	4.42	609453	6.46
860-58730-3	ARTESIA-MW35-100323	427453	3.92	668610	4.42	575605	6.46
860-58730-4	ARTESIA-MD35-100323	422873	3.92	673647	4.42	568521	6.46
860-58730-5	ARTESIA-MW39-100323	407204	3.92	667609	4.42	578767	6.46
860-58730-6	ARTESIA-MW40-100323	408950	3.92	670910	4.42	585629	6.46
860-58730-7	ARTESIA-MW17C-10032 3	410557	3.92	690690	4.42	583128	6.46
860-58730-9	ARTESIA-MW36-100323	394426	3.92	649071	4.42	589676	6.46
860-58730-10	ARTESIA-MW38-100423	421620	3.92	699316	4.42	613388	6.46
860-58730-12	ARTESIA-MW12-100423	437806	3.92	695456	4.42	606668	6.46
860-58730-13	ARTESIA-MW11-100423	423902	3.92	690387	4.42	603519	6.46
860-58730-14	ARTESIA-MW22-100423	420047	3.92	695106	4.42	587511	6.46
860-58730-15	ARTESIA-MW25-100423	400062	3.92	685757	4.42	598706	6.46
860-58730-16	ARTESIA-MW28-100423	414285	3.92	690212	4.42	600368	6.46
860-58730-17	ARTESIA-MW29-100423	420532	3.92	712205	4.42	609606	6.46
860-58730-18	ARTESIA-MW30-100323	399148	3.92	667452	4.42	606341	6.46

PFB = Pentafluorobenzene

DFBZ = 1,4-Difluorobenzene

CBNZd5 = Chlorobenzene-d5

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

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

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Sample No.: CCVIS 860-125295/2 Date Analyzed: 10/06/2023 20:47

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm)

Lab File ID (Standard): T10062338.D Heated Purge: (Y/N) N

Calibration ID: 5969

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		338157	8.17				
UPPER LIMIT		676314	8.67				
LOWER LIMIT		169079	7.67				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 860-125295/3		341781	8.17				
LCSD 860-125295/4		331211	8.17				
860-58730-11 MS	ARTESIA-MW37-100323 MS	369938	8.17				
860-58730-11 MSD	ARTESIA-MW37-100323 MSD	368652	8.17				
MB 860-125295/10		370964	8.17				
860-58730-8	ARTESIA-TB01-051023	356198	8.17				
860-58730-11	ARTESIA-MW37-100323	327147	8.17				
860-58730-1	ARTESIA-MW31-100423	312324	8.17				
860-58730-2	ARTESIA-MW34-100323	299173	8.17				
860-58730-3	ARTESIA-MW35-100323	284300	8.17				
860-58730-4	ARTESIA-MD35-100323	271283	8.17				
860-58730-5	ARTESIA-MW39-100323	274674	8.17				
860-58730-6	ARTESIA-MW40-100323	284926	8.17				
860-58730-7	ARTESIA-MW17C-10032 3	279403	8.17				
860-58730-9	ARTESIA-MW36-100323	304251	8.17				
860-58730-10	ARTESIA-MW38-100423	310598	8.17				
860-58730-12	ARTESIA-MW12-100423	292218	8.17				
860-58730-13	ARTESIA-MW11-100423	286261	8.17				
860-58730-14	ARTESIA-MW22-100423	279836	8.17				
860-58730-15	ARTESIA-MW25-100423	294640	8.17				
860-58730-16	ARTESIA-MW28-100423	282086	8.17				
860-58730-17	ARTESIA-MW29-100423	292277	8.17				
860-58730-18	ARTESIA-MW30-100323	284266	8.17				

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW31-100423 Lab Sample ID: 860-58730-1
Matrix: Water Lab File ID: T10062351.D
Analysis Method: 8260D Date Collected: 10/04/2023 13:30
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 00:53
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00207		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		63-144
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW34-100323 Lab Sample ID: 860-58730-2
Matrix: Water Lab File ID: T10062352.D
Analysis Method: 8260D Date Collected: 10/03/2023 18:00
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 01:12
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	97		75-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW35-100323 Lab Sample ID: 860-58730-3
Matrix: Water Lab File ID: T10062353.D
Analysis Method: 8260D Date Collected: 10/03/2023 17:00
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 01:31
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0134		0.00100	0.000738
127-18-4	Tetrachloroethene	0.0146		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		63-144
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	100		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MD35-100323 Lab Sample ID: 860-58730-4
Matrix: Water Lab File ID: T10062354.D
Analysis Method: 8260D Date Collected: 10/03/2023 17:00
Sample wt/vol: 5(mL) Date Analyzed: 10/07/2023 01:50
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0129		0.00100	0.000738
127-18-4	Tetrachloroethene	0.0148		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		63-144
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	95		75-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW39-100323 Lab Sample ID: 860-58730-5
Matrix: Water Lab File ID: T10062355.D
Analysis Method: 8260D Date Collected: 10/03/2023 16:00
Sample wt/vol: 5(mL) Date Analyzed: 10/07/2023 02:09
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00263		0.00100	0.000738
127-18-4	Tetrachloroethene	0.00687		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		63-144
460-00-4	4-Bromofluorobenzene (Surr)	107		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW40-100323 Lab Sample ID: 860-58730-6
Matrix: Water Lab File ID: T10062356.D
Analysis Method: 8260D Date Collected: 10/03/2023 16:30
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 02:28
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW17C-100323 Lab Sample ID: 860-58730-7
Matrix: Water Lab File ID: T10062357.D
Analysis Method: 8260D Date Collected: 10/03/2023 12:30
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 02:47
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	104		75-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-TB01-051023 Lab Sample ID: 860-58730-8
Matrix: Water Lab File ID: T10062349.D
Analysis Method: 8260D Date Collected: 10/05/2023 10:45
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 00:15
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW36-100323 Lab Sample ID: 860-58730-9
Matrix: Water Lab File ID: T10062358.D
Analysis Method: 8260D Date Collected: 10/03/2023 15:45
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 03:06
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0172		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.00753		0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00229		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		63-144
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	106		75-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW38-100423 Lab Sample ID: 860-58730-10
Matrix: Water Lab File ID: T10062359.D
Analysis Method: 8260D Date Collected: 10/04/2023 09:05
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 03:25
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0552		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.00258		0.00100	0.000460
91-20-3	Naphthalene	0.00167	J	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000921	J	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
2037-26-5	Toluene-d8 (Surr)	106		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW37-100323 Lab Sample ID: 860-58730-11
Matrix: Water Lab File ID: T10062350.D
Analysis Method: 8260D Date Collected: 10/03/2023 18:20
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 00:34
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000683	J	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.0113		0.00100	0.000460
91-20-3	Naphthalene	0.00471	J	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00101		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	98		75-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW12-100423 Lab Sample ID: 860-58730-12
Matrix: Water Lab File ID: T10062360.D
Analysis Method: 8260D Date Collected: 10/04/2023 11:57
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 03:44
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.0159		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		63-144
460-00-4	4-Bromofluorobenzene (Surr)	105		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW11-100423 Lab Sample ID: 860-58730-13
Matrix: Water Lab File ID: T10062361.D
Analysis Method: 8260D Date Collected: 10/04/2023 14:21
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 04:03
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00208		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		63-144
460-00-4	4-Bromofluorobenzene (Surr)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW22-100423 Lab Sample ID: 860-58730-14
Matrix: Water Lab File ID: T10062362.D
Analysis Method: 8260D Date Collected: 10/04/2023 14:15
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 04:22
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000703	J	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		63-144
460-00-4	4-Bromofluorobenzene (Surr)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	101		75-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW25-100423 Lab Sample ID: 860-58730-15
Matrix: Water Lab File ID: T10062363.D
Analysis Method: 8260D Date Collected: 10/04/2023 14:30
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 04:41
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000703	J	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW28-100423 Lab Sample ID: 860-58730-16
Matrix: Water Lab File ID: T10062364.D
Analysis Method: 8260D Date Collected: 10/04/2023 14:45
Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 05:00
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000959	J	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00134		0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00177		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		63-144
460-00-4	4-Bromofluorobenzene (Surr)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Client Sample ID: ARTESIA-MW29-100423 Lab Sample ID: 860-58730-17

Matrix: Water Lab File ID: T10062365.D

Analysis Method: 8260D Date Collected: 10/04/2023 12:15

Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 05:19

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.00225		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.00435		0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00851		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	107		75-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Client Sample ID: ARTESIA-MW30-100323 Lab Sample ID: 860-58730-18

Matrix: Water Lab File ID: T10062366.D

Analysis Method: 8260D Date Collected: 10/03/2023 18:30

Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2023 05:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000952	J	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.00129		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		63-144
460-00-4	4-Bromofluorobenzene (Surr)	106		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Client Sample ID: ARTESIA-MW17C-100323-FD Lab Sample ID: 860-58730-19

Matrix: Water Lab File ID: E10092314.D

Analysis Method: 8260D Date Collected: 10/04/2023 12:30

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2023 14:05

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: 2.0

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 125417 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U F1	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		63-144
460-00-4	4-Bromofluorobenzene (Surr)	108		74-124
1868-53-7	Dibromofluoromethane (Surr)	109		75-131
2037-26-5	Toluene-d8 (Surr)	110		80-120

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-124041/2	E09292304.D
Level 2	IC 860-124041/3	E09292305.D
Level 3	IC 860-124041/4	E09292306.D
Level 4	IC 860-124041/5	E09292307.D
Level 5	ICIS 860-124041/6	E09292308.D
Level 6	IC 860-124041/7	E09292309.D
Level 7	IC 860-124041/8	E09292310.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	0.4313 0.4335	0.4767 0.4262	0.3890	0.4394	0.4199	Ave		0.430 8				6.0		20.0			
Chloromethane	0.4671 0.5090	0.5666 0.5041	0.5466	0.5245	0.5135	Ave		0.518 8				6.1		20.0			
Vinyl chloride	0.5679 0.5779	0.6161 0.5627	0.5697	0.5736	0.5737	Ave		0.577 4				3.1		20.0			
1,3-Butadiene	0.5462 0.5165	0.5533 0.5025	0.4698	0.5180	0.4966	Ave		0.514 7				5.6		20.0			
Ethylene oxide	0.1330 0.1080	0.1337 0.1016	0.1302	0.1312	0.1381	Ave		0.125 1				11.4		20.0			
Bromomethane	0.4197 0.3117	0.4417 0.2909	0.3767	0.3666	0.3586	Ave		0.366 5				14.7		20.0			
Chloroethane	0.2999 0.3106	0.3240 0.2960	0.3339	0.3268	0.3100	Ave		0.314 4				4.5		20.0			
Dichlorofluoromethane	0.9000 0.8966	0.9538 0.8763	0.9764	0.9205	0.9084	Ave		0.918 8				3.8		20.0			
Trichlorofluoromethane	0.7592 0.7249	0.7771 0.7514	0.6775	0.7373	0.7092	Ave		0.733 8				4.6		20.0			
Diethyl ether	0.4453 0.4236	0.4413 0.4285	0.3661	0.4012	0.4386	Ave		0.420 7				6.7		20.0			
Acrolein	0.0851 0.0798	0.0833 0.0805	0.0792	0.0789	0.0845	Ave		0.081 6				3.2		20.0			
1,1-Dichloroethene	0.4423 0.3993	0.3850 0.3906	0.2875	0.3779	0.4124	Ave		0.385 0				12.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3854 0.3453	0.3648 0.3422	0.2256	0.3284	0.3560	Ave		0.335 4				15.4		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 Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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								
Acetone	0.0876 0.0568	0.0669 0.0547	0.0550	0.0586	0.0587	Ave		0.062 6				18.8		20.0			
Iodomethane (Methyl Iodide)	0.3655 0.6428	0.4076 0.6526	0.3430	0.4973	0.6011	Qua	-1.60 9	0.613 6	0.0003502			111.5			0.9990		0.9900
Carbon disulfide	1.4819 1.2877	1.4014 1.2716	0.9358	1.2435	1.3476	Ave		1.281 3				13.5		20.0			
Isopropyl alcohol	0.0557 0.0372	0.0432 0.0370	0.0355	0.0380	0.0377	Ave		0.040 6				17.4		20.0			
Acetonitrile	0.0419 0.0519	0.0538 0.0512	0.0460	0.0489	0.0545	Ave		0.049 8				9.1		20.0			
Allyl Chloride (3-Chloropropene)	0.3254 0.2920	0.2783 0.2752	0.2078	0.2763	0.2854	Ave		0.277 2				12.7		20.0			
Methyl acetate	0.5722 0.5044	0.5252 0.4984	0.4900	0.5110	0.5312	Ave		0.518 9				5.3		20.0			
Methylene Chloride	0.7365 0.5087	0.5857 0.4932	0.4115	0.4939	0.5264	Ave		0.536 6				19.0		20.0			
tert-Butyl alcohol	0.0699 0.0591	0.0623 0.0585	0.0558	0.0591	0.0612	Ave		0.060 8				7.4		20.0			
Acrylonitrile	0.2596 0.2354	0.2576 0.2321	0.2379	0.2376	0.2498	Ave		0.244 3				4.6		20.0			
trans-1,2-Dichloroethene	0.5063 0.4594	0.4859 0.4555	0.3224	0.4463	0.4824	Ave		0.451 2				13.4		20.0			
MTBE	1.6582 1.5115	1.5961 1.4925	1.2843	1.4632	1.5865	Ave		1.513 2				8.0		20.0			
n-Hexane	0.7445 0.6296	0.6858 0.6291	0.4953	0.6009	0.6510	Ave		0.633 7				12.1		20.0			
1,1-Dichloroethane	1.0057 0.9508	1.0174 0.9482	0.6940	0.9358	0.9986	Ave		0.935 8				11.9		20.0			
Vinyl acetate	1.6157 1.4068	1.5414 1.3647	1.3385	1.4476	1.5340	Ave		1.464 1				7.0		20.0			
Chloroprene	0.8706 0.8048	0.8750 0.7913	0.5671	0.7830	0.8365	Ave		0.789 7				13.3		20.0			
Isopropyl ether	2.0510 1.7364	1.8636 1.7087	1.4000	1.6940	1.8173	Ave		1.753 0				11.3		20.0			
Ethyl tert-butyl ether	1.5597 1.5815	1.5762 1.5877	1.2296	1.4481	1.5918	Ave		1.510 6				8.8		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 Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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								
2,2-Dichloropropane	0.7454 0.7513	0.7455 0.7369	0.5177	0.7013	0.7525	Ave		0.707 2				12.1		20.0			
cis-1,2-Dichloroethene	0.9914 0.8598	0.8838 0.8482	0.6314	0.8055	0.8766	Ave		0.842 4				12.9		20.0			
2-Butanone	0.0771 0.0756	0.0743 0.0755	0.0735	0.0757	0.0791	Ave		0.075 8				2.4		20.0			
Propane Nitrile (Propionitrile)	0.0976 0.0928	0.0999 0.0936	0.0915	0.0914	0.0974	Ave		0.094 9				3.6		20.0			
Ethyl acetate	0.7159 0.7323	0.7511 0.7302	0.7297	0.7402	0.7797	Ave		0.739 9				2.8		20.0			
Bromochloromethane	0.4085 0.3663	0.3675 0.3598	0.3106	0.3531	0.3832	Ave		0.364 1				8.2		20.0			
Methacrylonitrile	0.2646 0.2703	0.2777 0.2645	0.2570	0.2669	0.2846	Ave		0.269 4				3.4		20.0			
Tetrahydrofuran	0.2517 0.2148	0.2499 0.2111	0.1964	0.2127	0.2254	Ave		0.223 1				9.3		20.0			
Chloroform	1.0641 0.9579	1.0167 0.9380	0.7377	0.9252	0.9835	Ave		0.946 2				10.9		20.0			
1,1,1-Trichloroethane	0.9556 0.7946	0.8372 0.7924	0.5505	0.7521	0.8142	Ave		0.785 2				15.5		20.0			
Cyclohexane	2.0761 0.6381	0.9161 0.6256	0.5776	0.6369	0.6539	Lin1	1.325 9	0.614 1				16.2			0.9970		0.9950
Carbon tetrachloride	0.6894 0.6809	0.6427 0.6888	0.4613	0.6284	0.6900	Ave		0.640 2				12.9		20.0			
1,1-Dichloropropene	0.7239 0.7145	0.7123 0.7057	0.4683	0.6621	0.7238	Ave		0.672 9				13.8		20.0			
Benzene	1.4384 1.3308	1.3938 1.3218	0.9710	1.2676	1.3672	Ave		1.298 7				11.9		20.0			
1,2-Dichloroethane	0.5679 0.5171	0.5385 0.5154	0.4292	0.4972	0.5374	Ave		0.514 7				8.5		20.0			
2,2,4-Trimethylpentane	1.0845 1.0469	1.0346 1.0527	0.8406	0.9372	1.0446	Ave		1.005 9				8.6		20.0			
Tert-amyl methyl ether	0.8014 0.9519	0.8803 0.9418	0.7509	0.8426	0.9382	Ave		0.872 4				8.9		20.0			
Isobutanol	0.0203 0.0185	0.0179 0.0189	0.0141	0.0162	0.0179	Ave		0.017 7				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 Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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								
n-Butanol	0.0194 0.0217	0.0183 0.0219	0.0166	0.0197	0.0200	Ave		0.019 7				9.5		20.0			
Trichloroethene	0.3549 0.3422	0.3402 0.3403	0.2362	0.3139	0.3442	Ave		0.324 6				12.6		20.0			
Ethyl acrylate	1.0391 1.1169	1.0248 1.1202	0.9656	1.0307	1.0724	Ave		1.052 8				5.2		20.0			
Methylcyclohexane	0.5398 0.5378	0.5131 0.5388	0.3822	0.4764	0.5338	Ave		0.503 1				11.5		20.0			
1,2-Dichloropropane	0.4478 0.4012	0.4118 0.4019	0.3039	0.3682	0.4132	Ave		0.392 6				11.6		20.0			
Dibromomethane	0.2717 0.2487	0.2578 0.2476	0.2105	0.2334	0.2579	Ave		0.246 8				8.0		20.0			
Methyl methacrylate	0.2886 0.3026	0.2871 0.3037	0.2580	0.2806	0.3107	Ave		0.290 2				6.1		20.0			
1,4-Dioxane (P-Dioxane)	0.0039 0.0037	0.0033 0.0040	0.0029	0.0036	0.0036	Ave		0.003 6				10.6		20.0			
Bromodichloromethane	0.5137 0.4823	0.4936 0.4816	0.3673	0.4425	0.4874	Ave		0.466 9				10.4		20.0			
2-Chloroethyl vinyl ether	0.2566 0.2718	0.2237 0.2763	0.2095	0.2387	0.2710	Ave		0.249 7				10.5		20.0			
Epichlorohydrin	0.0395 0.0415	0.0378 0.0415	0.0372	0.0389	0.0421	Ave		0.039 8				4.9		20.0			
cis-1,3-Dichloropropene	0.5729 0.5907	0.5554 0.5933	0.4326	0.5268	0.5945	Ave		0.552 3				10.5		20.0			
4-Methyl-2-pentanone	0.4335 0.4393	0.4379 0.4281	0.4128	0.4360	0.4663	Ave		0.436 3				3.7		20.0			
Toluene	1.0743 0.8901	0.8989 0.8945	0.6525	0.8388	0.9033	Ave		0.878 9				14.1		20.0			
trans-1,3-Dichloropropene	0.5575 0.5991	0.5484 0.6020	0.4572	0.5324	0.5912	Ave		0.555 4				9.2		20.0			
Ethyl methacrylate	0.5048 0.5548	0.4964 0.5615	0.4415	0.4977	0.5509	Ave		0.515 4				8.4		20.0			
1,1,2-Trichloroethane	0.3571 0.3380	0.3441 0.3343	0.2879	0.3196	0.3458	Ave		0.332 4				6.9		20.0			
Tetrachloroethene	0.3525 0.3039	0.3035 0.3074	0.2078	0.2768	0.3067	Ave		0.294 1				15.0		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 Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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								
1,3-Dichloropropane	0.6311 0.6103	0.6157 0.6107	0.5080	0.5761	0.6271	Ave		0.597 n				7.2		20.0			
2-Hexanone	0.3385 0.3495	0.3354 0.3428	0.3270	0.3456	0.3663	Ave		0.343 6				3.6		20.0			
n-Butyl acetate	0.7856 0.7704	0.7056 0.7604	0.6568	0.7116	0.7787	Ave		0.738 5				6.5		20.0			
Dibromochloromethane	0.4104 0.4273	0.4174 0.4266	0.3430	0.3820	0.4233	Ave		0.404 3				7.7		20.0			
1,2-Dibromoethane	0.3949 0.3949	0.3788 0.3949	0.3284	0.3618	0.3978	Ave		0.378 8				6.8		20.0			
1-Chlorohexane	0.9272 0.4010	0.4941 0.3997	0.3350	0.3780	0.3976	Lin1	0.436 4	0.390 3				16.7			0.9970		0.9950
Chlorobenzene	1.0931 1.0124	1.0055 1.0065	0.7596	0.9313	1.0192	Ave		0.975 4				10.9		20.0			
1,1,1,2-Tetrachloroethane	0.3466 0.3730	0.3513 0.3732	0.2756	0.3344	0.3729	Ave		0.346 7				10.1		20.0			
Ethylbenzene	1.7193 1.7531	1.6752 1.7426	1.2193	1.6107	1.7566	Ave		1.639 5				11.7		20.0			
m,p-Xylenes	1.4001 1.3748	1.2283 1.3848	0.9447	1.2436	1.3615	Ave		1.276 8				12.7		20.0			
o-Xylene	1.3384 1.4420	1.3091 1.4415	0.9704	1.2900	1.4288	Ave		1.317 2				12.6		20.0			
Styrene	0.8973 1.0274	0.8890 1.0300	0.6895	0.9277	1.0213	Ave		0.926 n				13.1		20.0			
Bromoform	0.2988 0.3106	0.2797 0.3135	0.2513	0.2712	0.3048	Ave		0.290 n				8.0		20.0			
Isopropylbenzene	1.4792 1.6482	1.4628 1.6549	1.0926	1.4534	1.6299	Ave		1.488 7				13.2		20.0			
cis-1,4-Dichloro-2-butene	0.1800 0.1847	0.1887 0.1872	0.1691	0.1764	0.1881	Ave		0.182 n				4.0		20.0			
Cyclohexanone	0.0142 0.0158	0.0132 0.0160	0.0127	0.0149	0.0155	Ave		0.014 6				9.0		20.0			
1,1,2,2-Tetrachloroethane	1.1949 1.0214	1.0299 0.9888	0.9067	0.9799	1.0188	Ave		1.020 1				8.6		20.0			
Bromobenzene	0.9021 0.8611	0.8166 0.8399	0.6296	0.7733	0.8159	Ave		0.805 5				10.8		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 Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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								
1,2,3-Trichloropropane	1.1759 1.1746	1.1421 1.1363	1.0517	1.0896	1.1498	Ave		1.131 4				4.0		20.0			
trans-1,4-Dichloro-2-butene	0.3381 0.2978	0.2741 0.2887	0.2630	0.2751	0.2930	Ave		0.290 n				8.4		20.0			
N-Propylbenzene	3.8922 3.9085	3.6040 3.7464	2.7198	3.5375	3.7736	Ave		3.597 4				11.4		20.0			
2-Chlorotoluene	2.8282 2.6877	2.5504 2.5915	1.8798	2.4286	2.5797	Ave		2.506 5				12.1		20.0			
4-Ethyltoluene	2.9517 3.1743	2.8531 3.0534	2.1378	2.8601	3.0357	Ave		2.866 6				11.9		20.0			
1,3,5-Trimethylbenzene	2.7338 2.7718	2.4937 2.6883	1.9279	2.5045	2.6570	Ave		2.539 6				11.4		20.0			
4-Chlorotoluene	2.6843 2.7150	2.6150 2.6067	1.9217	2.4606	2.6112	Ave		2.516 4				10.9		20.0			
tert-Butylbenzene	2.2088 2.2790	2.0115 2.2409	1.5362	2.0020	2.1320	Ave		2.058 6				12.4		20.0			
1,2,4-Trimethylbenzene	2.6924 2.8516	2.4973 2.7589	1.9217	2.5645	2.7343	Ave		2.574 4				12.1		20.0			
sec-Butylbenzene	3.2296 3.3912	2.9801 3.2897	2.4182	3.0195	3.2422	Ave		3.081 5				10.6		20.0			
1,3-Dichlorobenzene	1.6717 1.5735	1.4894 1.5182	1.1380	1.4064	1.5007	Ave		1.471 1				11.4		20.0			
p-Cymene (p-Isopropyltoluene)	2.4454 2.8911	2.4932 2.8070	1.9766	2.5416	2.7748	Ave		2.561 4				12.1		20.0			
1,4-Dichlorobenzene	1.7878 1.5856	1.5470 1.5318	1.1878	1.4475	1.5167	Ave		1.514 9				11.8		20.0			
Dicyclopentadiene	3.6431 3.5405	3.4598 3.3636	2.6449	3.3567	3.4600	Ave		3.352 6				9.8		20.0			
Benzyl chloride	0.2290 0.2795	0.2197 0.2803	0.1907	0.2221	0.2487	Ave		0.238 6				13.8		20.0			
n-Butylbenzene	2.6906 2.8608	2.5340 2.7580	2.0994	2.5222	2.7000	Ave		2.595 n				9.6		20.0			
1,2-Dichlorobenzene	1.6888 1.5386	1.4616 1.4813	1.1593	1.3901	1.4918	Ave		1.458 8				11.0		20.0			
1,2-Dibromo-3-Chloropropane	0.1738 0.2108	0.1855 0.2151	0.1736	0.1883	0.1992	Ave		0.192 3				8.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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-Trichlorobenzene	1.0648 1.1075	0.9735 1.1011	0.7807	0.9191	1.0145	Ave		0.994 5				11.7		20.0			
Hexachlorobutadiene	0.5226 0.5018	0.4699 0.4988	0.4136	0.4365	0.4697	Ave		0.473 3				8.1		20.0			
Naphthalene	2.4709 2.8719	2.2132 2.8289	2.0371	2.3921	2.6839	Ave		2.499 7				12.5		20.0			
1,2,3-Trichlorobenzene	1.0473 1.0420	0.9184 1.0386	0.7634	0.8982	0.9735	Ave		0.954 5				10.9		20.0			
2-Methylnaphthalene	++++ 1.4784	0.9241 1.5074	0.8592	1.1066	1.3317	Lin1	-4.75 7	1.499 9				15.5			0.9950		0.9950
1-Methylnaphthalene	0.8974 1.2142	0.7719 1.2336	0.7704	0.9839	1.1389	Ave		1.001 5				19.8		20.0			
Dibromofluoromethane (Surr)	0.5242 0.5002	0.5265 0.5018	0.5180	0.5117	0.5099	Ave		0.513 2				2.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4284 0.3863	0.4196 0.3859	0.4183	0.3968	0.3943	Ave		0.404 2				4.3		20.0			
Toluene-d8 (Surr)	1.3425 1.3273	1.3212 1.3151	1.3390	1.3375	1.3148	Ave		1.328 2				0.9		20.0			
4-Bromofluorobenzene (Surr)	0.9517 0.9521	0.9436 0.9201	0.9480	0.9594	0.9374	Ave		0.944 6				1.4		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.

GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATIONLab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.: _____

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) NCalibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-124041/2	E09292304.D
Level 2	IC 860-124041/3	E09292305.D
Level 3	IC 860-124041/4	E09292306.D
Level 4	IC 860-124041/5	E09292307.D
Level 5	ICIS 860-124041/6	E09292308.D
Level 6	IC 860-124041/7	E09292309.D
Level 7	IC 860-124041/8	E09292310.D

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
Dichlorodifluoromethane	PFB	Ave	3430 346211	18201 518924	30463	87406	167871	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	3715 406468	21635 613806	42803	104341	205291	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	4517 461509	23524 685099	44611	114105	229377	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	4344 412501	21126 611801	36792	103050	198535	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Ave	10579 862793	51059 1236704	101923	261077	552321	10.0 1000	50.0 1500	100	250	500
Bromomethane	PFB	Ave	3338 248898	16864 354142	29500	72923	143387	1.00 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Ave	2385 248017	12369 360348	26148	65013	123961	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorofluoromethane	PFB	Ave	7158 716038	36416 1066890	76460	183115	363206	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	6038 578868	29672 914920	53057	146684	283537	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	3542 338306	16851 521758	28667	79811	175345	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	3384 318479	15908 490095	31022	78438	168831	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	3518 318898	14699 475546	22511	75187	164896	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	3065 275733	13930 416704	17667	65341	142330	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Ave	3485 226805	12763 332863	21544	58268	117359	5.00 500	25.0 750	50.0	125	250
Iodomethane (Methyl Iodide)	PFB	Qua	2907 513373	15563 794547	26862	98937	240337	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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
Carbon disulfide	PFB	Ave	11786 1028307	53507 1548253	73279	247378	538778	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	4431 297161	16485 451007	27780	75511	150849	10.0 1000	50.0 1500	100	250	500
Acetonitrile	PFB	Ave	3334 414282	20557 623930	36012	97310	217935	10.0 1000	50.0 1500	100	250	500
Allyl Chloride (3-Chloropropene)	PFB	Ave	2588 233175	10626 335076	16274	54958	114095	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	9102 805640	40106 1213719	76742	203319	424741	2.00 200	10.0 300	20.0	50.0	100
Methylene Chloride	PFB	Ave	5858 406267	22362 600551	32221	98247	210458	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	5559 472345	23777 711897	43721	117590	244765	10.0 1000	50.0 1500	100	250	500
Acrylonitrile	PFB	Ave	20643 1879804	98358 2826362	186263	472653	998692	10.0 1000	50.0 1500	100	250	500
trans-1,2-Dichloroethene	PFB	Ave	4027 366894	18552 554651	25249	88777	192860	1.00 100	5.00 150	10.0	25.0	50.0
MTBE	PFB	Ave	13188 1207030	60942 1817259	100569	291088	634303	1.00 100	5.00 150	10.0	25.0	50.0
n-Hexane	PFB	Ave	5921 502790	26183 765977	38784	119538	260294	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	7999 759270	38846 1154432	54345	186156	399242	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	64252 5617254	294251 8307981	524091	1439939	3066621	5.00 500	25.0 750	50.0	125	250
Chloroprene	PFB	Ave	6924 642707	33407 963468	44406	155761	334447	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl ether	PFB	Ave	16312 1386675	71152 2080478	109630	337001	726598	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	12405 1262947	60180 1933164	96285	288073	636412	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	5928 599971	28465 897191	40543	139505	300850	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	7885 686618	33745 1032712	49441	160249	350495	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	3067 301885	14181 459629	28797	75306	158217	5.00 500	25.0 750	50.0	125	250
Propane Nitrile (Propionitrile)	PFB	Ave	7762 740753	38144 1140174	71649	181738	389251	10.0 1000	50.0 1500	100	250	500
Ethyl acetate	PFB	Ave	11388	57355	114280	294509	623484	2.00	10.0	20.0	50.0	100

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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
			1169693	1778066				200	300			
Bromochloromethane	PFB	Ave	3249 292540	14030 438126	24320	70237	153226	1.00 100	5.00 150	10.0	25.0	50.0
Methacrylonitrile	PFB	Ave	21046 2158381	106030 3220812	201270	530945	1137860	10.0 1000	50.0 1500	100	250	500
Tetrahydrofuran	PFB	Ave	4003 343145	19085 514054	30763	84622	180222	2.00 200	10.0 300	20.0	50.0	100
Chloroform	PFB	Ave	8463 764967	38817 1142127	57768	184059	393221	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	7600 634558	31963 964829	43112	149622	325538	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Lin1	16512 509569	34977 761715	45230	126695	261440	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	5483 543723	24538 838701	36122	125016	275869	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	5757 570602	27195 859230	36671	131720	289399	1.00 100	5.00 150	10.0	25.0	50.0
Benzene	DFBZ	Ave	17886 1647430	84312 2470611	119878	397900	853476	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	7061 640101	32576 963299	52989	156068	335450	1.00 100	5.00 150	10.0	25.0	50.0
2,2,4-Trimethylpentane	DFBZ	Ave	13485 1295978	62583 1967631	103772	294197	652073	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	9965 1178367	53249 1760364	92705	264500	585651	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	6306 572879	27075 882255	43413	126952	278884	25.0 2500	125 3750	250	625	1250
n-Butanol	DCBd4	Ave	2680 317400	13249 499009	24280	72939	154914	24.8 2480	124 3720	248	620	1240
Trichloroethene	DFBZ	Ave	4413 423589	20579 636063	29163	98548	214846	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl acrylate	DCBd4	Ave	5780 658263	29848 1027010	57050	153556	334132	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	6712 665709	31038 1007176	47184	149543	333231	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	5568 496639	24908 751206	37523	115587	257937	1.00 100	5.00 150	10.0	25.0	50.0
Dibromomethane	DFBZ	Ave	3378 307912	15597 462711	25984	73267	160994	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	7177 749152	34730 1135162	63694	176173	387891	2.00 200	10.0 300	20.0	50.0	100

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	969 92311	3990 151295	7193	22656	44681	20.0 2000	100 3000	200	500	1000
Bromodichloromethane	DFBZ	Ave	6387 597082	29859 900265	45351	138895	304287	1.00 100	5.00 150	10.0	25.0	50.0
2-Chloroethyl vinyl ether	DFBZ	Ave	3191 336487	13530 516529	25858	74931	169177	1.00 100	5.00 150	10.0	25.0	50.0
Epichlorohydrin	DFBZ	Ave	4916 514256	22879 776225	45935	122062	263146	10.0 1001	50.0 1501	100	250	500
cis-1,3-Dichloropropene	DFBZ	Ave	7123 731202	33600 1108947	53411	165352	371111	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	26950 2718828	132448 4000871	254814	684346	1455509	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZd 5	Ave	11972 1003337	49684 1516031	72496	238223	517123	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZd 5	Ave	6213 675339	30309 1020251	50801	151197	338425	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZd 5	Ave	5626 625339	27440 951673	49056	141348	315376	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZd 5	Ave	3980 381034	19018 566599	31984	90771	197965	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZd 5	Ave	3928 342617	16777 521025	23092	78622	175585	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZd 5	Ave	7033 687942	34034 1035099	56447	163611	359001	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZd 5	Ave	18863 1969866	92681 2905233	181665	490694	1048604	5.00 500	25.0 750	50.0	125	250
n-Butyl acetate	CBNZd 5	Ave	8755 868434	39002 1288836	72977	202103	445758	1.00 100	5.00 150	10.0	25.0	50.0
Dibromochloromethane	CBNZd 5	Ave	4574 481679	23072 723012	38107	108488	242300	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZd 5	Ave	4401 445096	20937 669272	36487	102741	227711	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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
1-Chlorohexane	CBNZd 5	Lin1	10333 452023	27308 677446	37226	107359	227599	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZd 5	Ave	12182 1141174	55578 1705882	84405	264502	583470	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd 5	Ave	3863 420475	19418 632469	30626	94974	213495	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZd 5	Ave	19160 1976172	92590 2953526	135477	457445	1005575	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZd 5	Ave	15603 1549655	67890 2347056	104972	353174	779423	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZd 5	Ave	14915 1625419	72356 2443209	107820	366369	817916	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZd 5	Ave	10000 1158121	49137 1745732	76613	263481	584681	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZd 5	Ave	3330 350084	15458 531392	27924	77034	174491	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZd 5	Ave	16485 1857903	80855 2804818	121400	412759	933094	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,4-Dichloro-2-butene	CBNZd 5	Ave	2006 208243	10429 317351	18785	50104	107654	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZd 5	Ave	7901 889683	36465 1359261	70330	211944	443686	50.0 5000	250 7500	500	1250	2500
1,1,2,2-Tetrachloroethane	DCBd4	Ave	6647 601978	29997 906500	53570	145996	317428	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd4	Ave	5018 507514	23785 770025	37200	115204	254219	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	6541 692282	33265 1041740	62136	162330	358242	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	1881 175509	7984 264660	15541	40987	91306	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd4	Ave	21651 2303562	104972 3434703	160690	527029	1175769	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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
2-Chlorotoluene	DCBd4	Ave	15732 1584057	74284 2375845	111062	361817	803784	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd4	Ave	16419 1870844	83099 2799368	126305	426105	945846	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	15207 1633622	72631 2464654	113900	373128	827868	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd4	Ave	14932 1600177	76164 2389822	113534	366592	813605	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd4	Ave	12287 1343182	58589 2054465	90758	298267	664279	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	14977 1680690	72737 2529312	113538	382067	851952	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd4	Ave	17965 1998698	86800 3015938	142873	449858	1010191	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	9299 927392	43380 1391853	67235	209526	467569	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd4	Ave	13603 1703954	72619 2573479	116782	378662	864558	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	9945 934536	45057 1404303	70177	215661	472570	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd4	Ave	20265 2086679	100772 3083685	156261	500093	1078043	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd4	Ave	1274 164718	6398 257001	11266	33093	77489	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd4	Ave	14967 1686108	73805 2528516	124034	375762	841249	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	9394 906843	42570 1358073	68490	207102	464812	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	967 124252	5402 197240	10255	28049	62078	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	5923 652756	28355 1009509	46123	136936	316098	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd4	Ave	2907 295755	13686 457313	24434	65029	146347	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd4	Ave	13745 1692622	64462 2593488	120353	356390	836245	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	5826 614131	26750 952157	45102	133815	303315	1.00 100	5.00 150	10.0	25.0	50.0
2-Methylnaphthalene	DCBd4	Lin1	++++ 871318	26917 1381997	50764	164859	414924	++++ 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd4	Ave	4992	22483	45514	146589	354845	1.00	5.00	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 124041

SDG No.:

Instrument ID: A292 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2023 10:20 Calibration End Date: 09/29/2023 12:23 Calibration ID: 6016

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
			715645	1130969				100	150			
Dibromofluoromethane (Surr)	PFB	Ave	208439 199746	201017 203660	202821	203576	203875	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	266318 239120	253818 240442	258207	249134	246125	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd 5	Ave	748052	730284	743884	759722	752669	50.0	50.0	50.0	50.0	50.0
			748081	742980				50.0	50.0			
4-Bromofluorobenzene (Surr)	DCBd4	Ave	264685 280576	274823 281175	280047	285874	292087	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

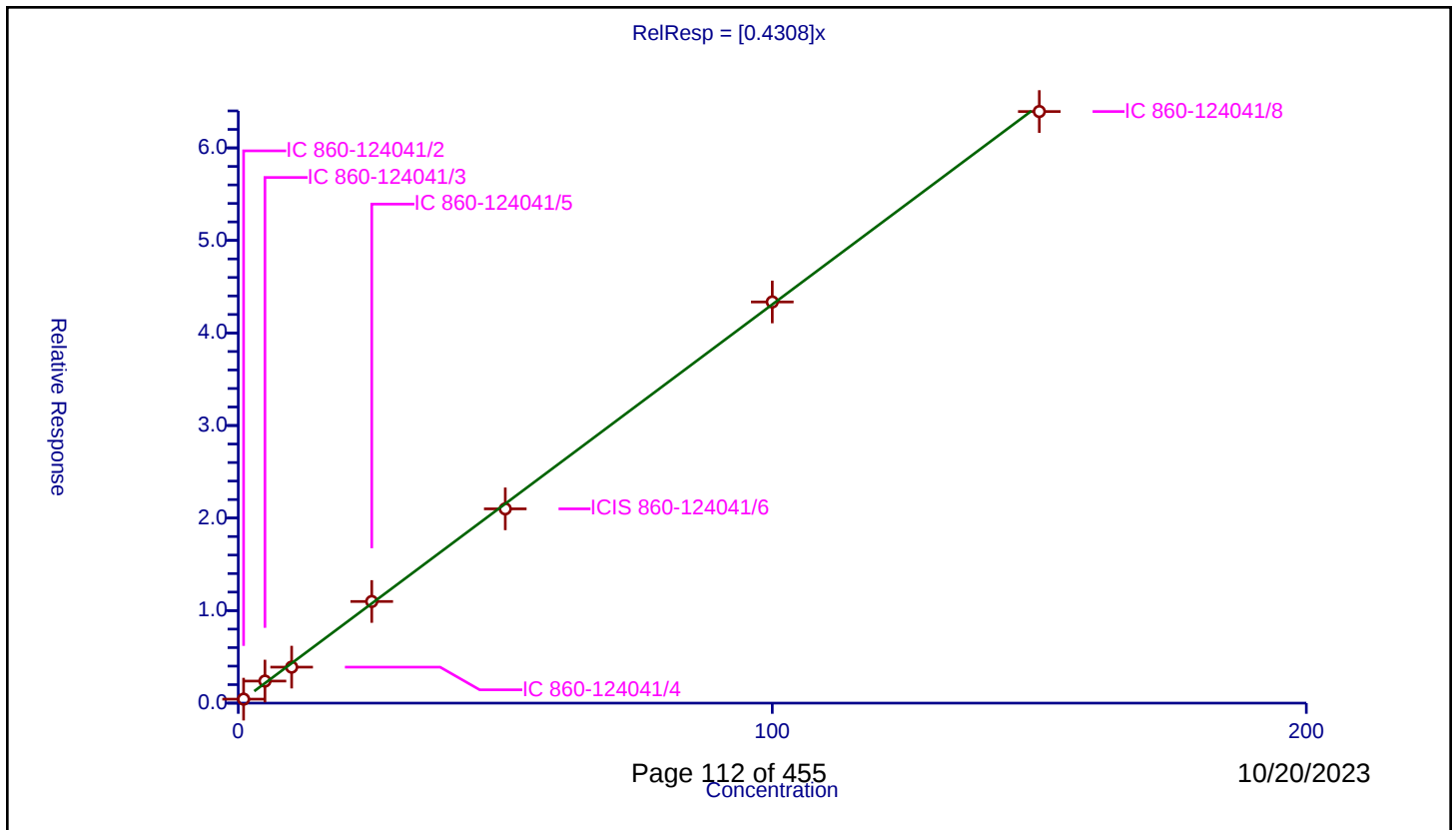
Curve Coefficients

Intercept: 0
Slope: 0.4308

Error Coefficients

Standard Error: 266000
Relative Standard Error: 6.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.431268	50.0	397665.0	0.431268	Y
2	IC 860-124041/3	5.0	2.383534	50.0	381807.0	0.476707	Y
3	IC 860-124041/4	10.0	3.890112	50.0	391544.0	0.389011	Y
4	IC 860-124041/5	25.0	10.984103	50.0	397875.0	0.439364	Y
5	ICIS 860-124041/6	50.0	20.993375	50.0	399819.0	0.419867	Y
6	IC 860-124041/7	100.0	43.352784	50.0	399295.0	0.433528	Y
7	IC 860-124041/8	150.0	63.930044	50.0	405853.0	0.4262	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

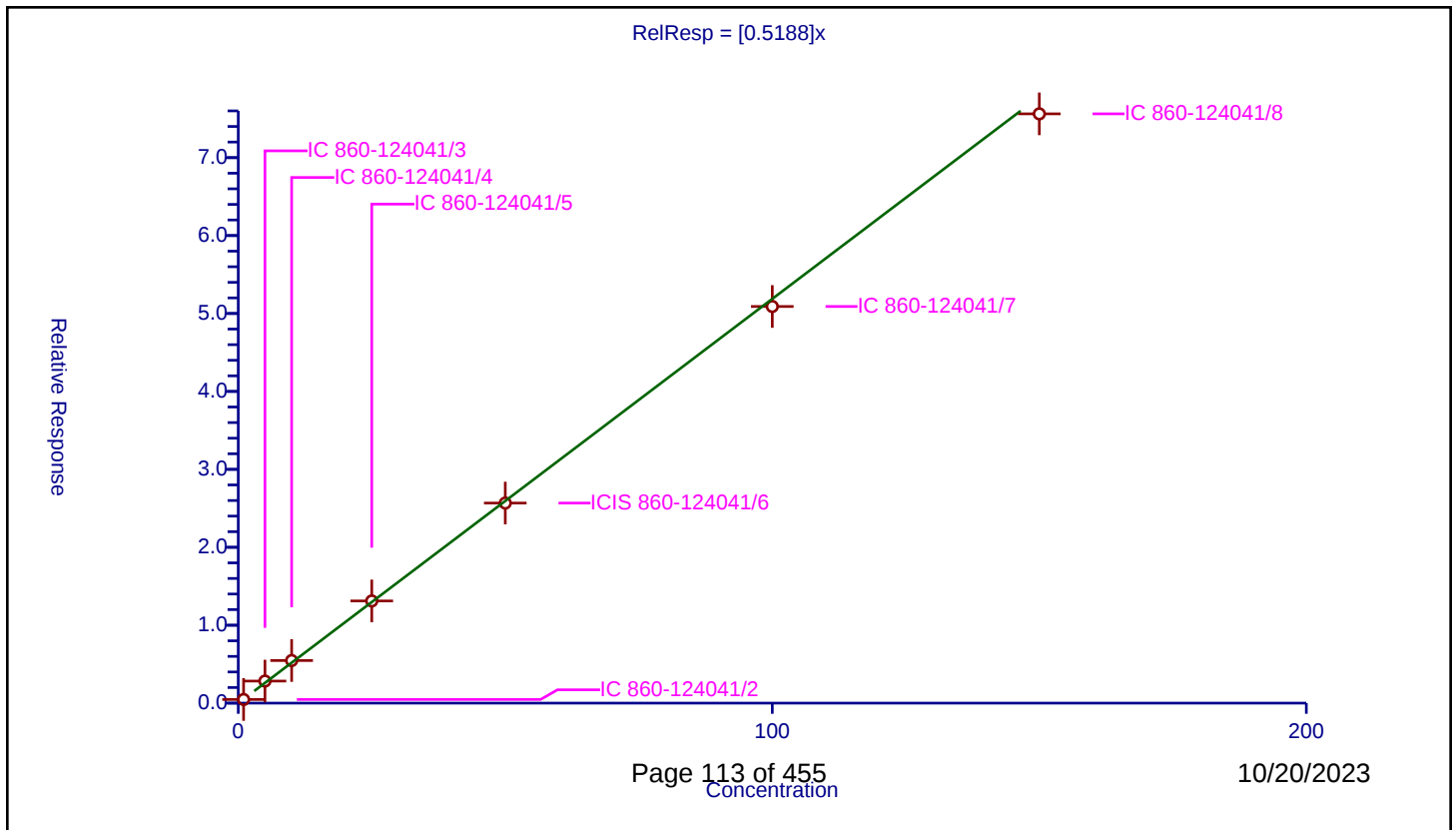
Curve Coefficients

Intercept: 0
Slope: 0.5188

Error Coefficients

Standard Error: 315000
Relative Standard Error: 6.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.467102	50.0	397665.0	0.467102	Y
2	IC 860-124041/3	5.0	2.833238	50.0	381807.0	0.566648	Y
3	IC 860-124041/4	10.0	5.465925	50.0	391544.0	0.546592	Y
4	IC 860-124041/5	25.0	13.112284	50.0	397875.0	0.524491	Y
5	ICIS 860-124041/6	50.0	25.672992	50.0	399819.0	0.51346	Y
6	IC 860-124041/7	100.0	50.898208	50.0	399295.0	0.508982	Y
7	IC 860-124041/8	150.0	75.619251	50.0	405853.0	0.504128	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

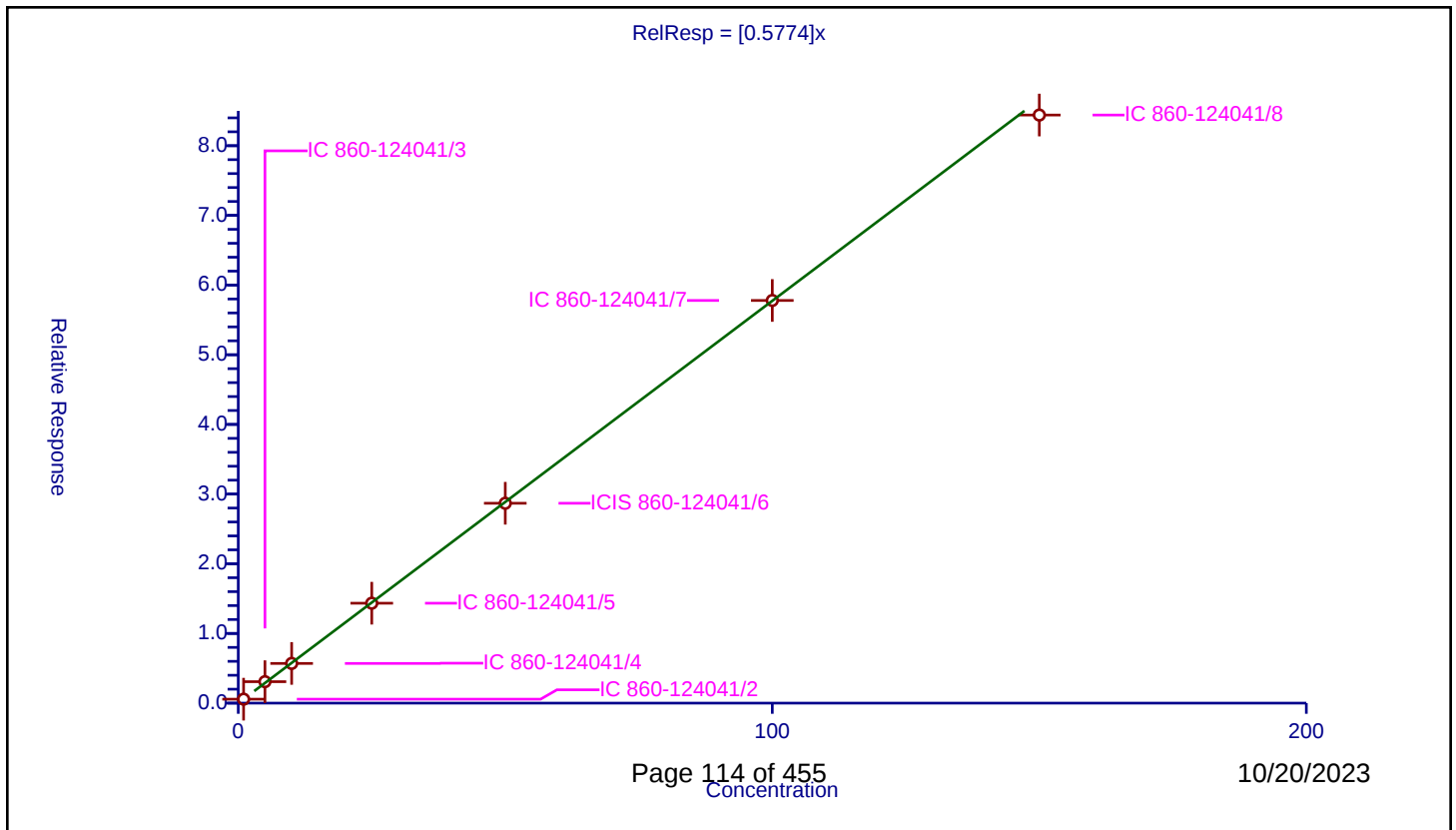
Curve Coefficients

Intercept: 0
Slope: 0.5774

Error Coefficients

Standard Error: 354000
Relative Standard Error: 3.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.56794	50.0	397665.0	0.56794	Y
2	IC 860-124041/3	5.0	3.080614	50.0	381807.0	0.616123	Y
3	IC 860-124041/4	10.0	5.696805	50.0	391544.0	0.569681	Y
4	IC 860-124041/5	25.0	14.339303	50.0	397875.0	0.573572	Y
5	ICIS 860-124041/6	50.0	28.685105	50.0	399819.0	0.573702	Y
6	IC 860-124041/7	100.0	57.790481	50.0	399295.0	0.577905	Y
7	IC 860-124041/8	150.0	84.402358	50.0	405853.0	0.562682	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

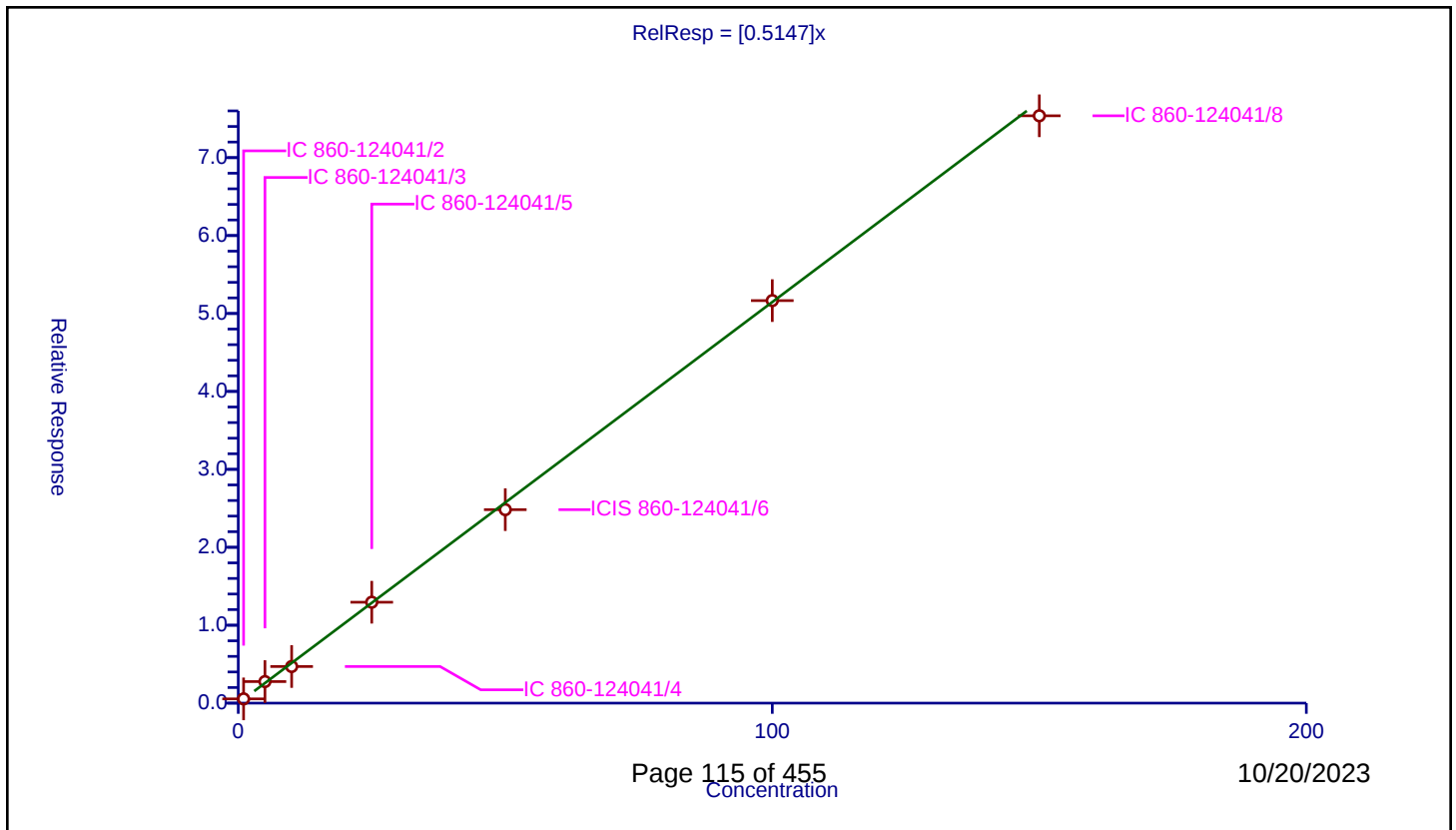
Curve Coefficients

Intercept: 0
Slope: 0.5147

Error Coefficients

Standard Error: 315000
Relative Standard Error: 5.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.546188	50.0	397665.0	0.546188	Y
2	IC 860-124041/3	5.0	2.766581	50.0	381807.0	0.553316	Y
3	IC 860-124041/4	10.0	4.698323	50.0	391544.0	0.469832	Y
4	IC 860-124041/5	25.0	12.950047	50.0	397875.0	0.518002	Y
5	ICIS 860-124041/6	50.0	24.82811	50.0	399819.0	0.496562	Y
6	IC 860-124041/7	100.0	51.653665	50.0	399295.0	0.516537	Y
7	IC 860-124041/8	150.0	75.372241	50.0	405853.0	0.502482	Y



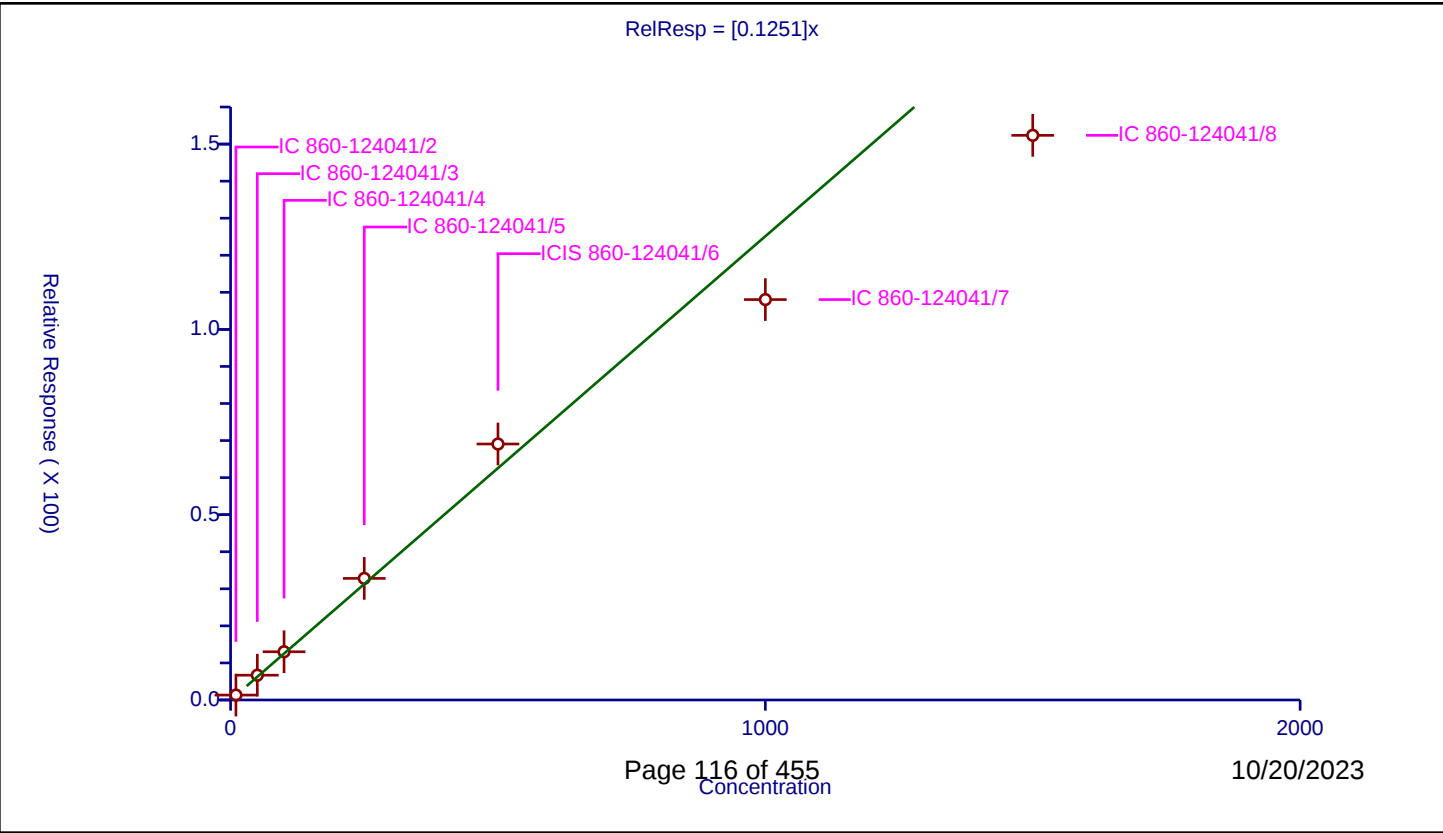
Calibration

/ Ethylene oxide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1251
Error Coefficients	
Standard Error:	666000
Relative Standard Error:	11.4
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	10.0	1.33014	50.0	397665.0	0.133014	Y
2	IC 860-124041/3	50.0	6.686493	50.0	381807.0	0.13373	Y
3	IC 860-124041/4	100.0	13.015523	50.0	391544.0	0.130155	Y
4	IC 860-124041/5	250.0	32.808922	50.0	397875.0	0.131236	Y
5	ICIS 860-124041/6	500.0	69.07138	50.0	399819.0	0.138143	Y
6	IC 860-124041/7	1000.0	108.039545	50.0	399295.0	0.10804	Y
7	IC 860-124041/8	1500.0	152.358613	50.0	405853.0	0.101572	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

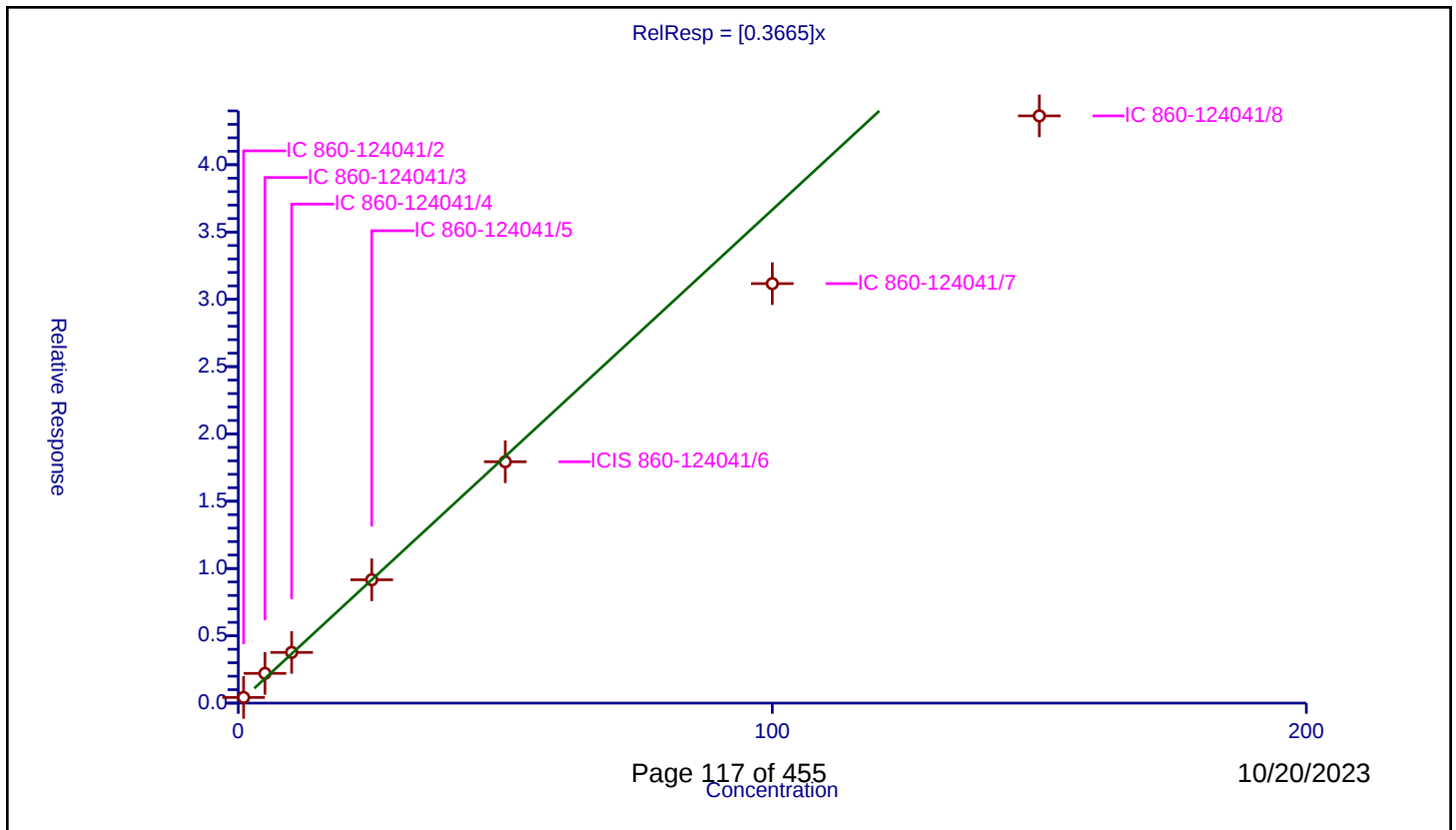
Curve Coefficients

Intercept: 0
Slope: 0.3665

Error Coefficients

Standard Error: 189000
Relative Standard Error: 14.7
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.4197	50.0	397665.0	0.4197	Y
2	IC 860-124041/3	5.0	2.208446	50.0	381807.0	0.441689	Y
3	IC 860-124041/4	10.0	3.767137	50.0	391544.0	0.376714	Y
4	IC 860-124041/5	25.0	9.164059	50.0	397875.0	0.366562	Y
5	ICIS 860-124041/6	50.0	17.931489	50.0	399819.0	0.35863	Y
6	IC 860-124041/7	100.0	31.167182	50.0	399295.0	0.311672	Y
7	IC 860-124041/8	150.0	43.629344	50.0	405853.0	0.290862	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

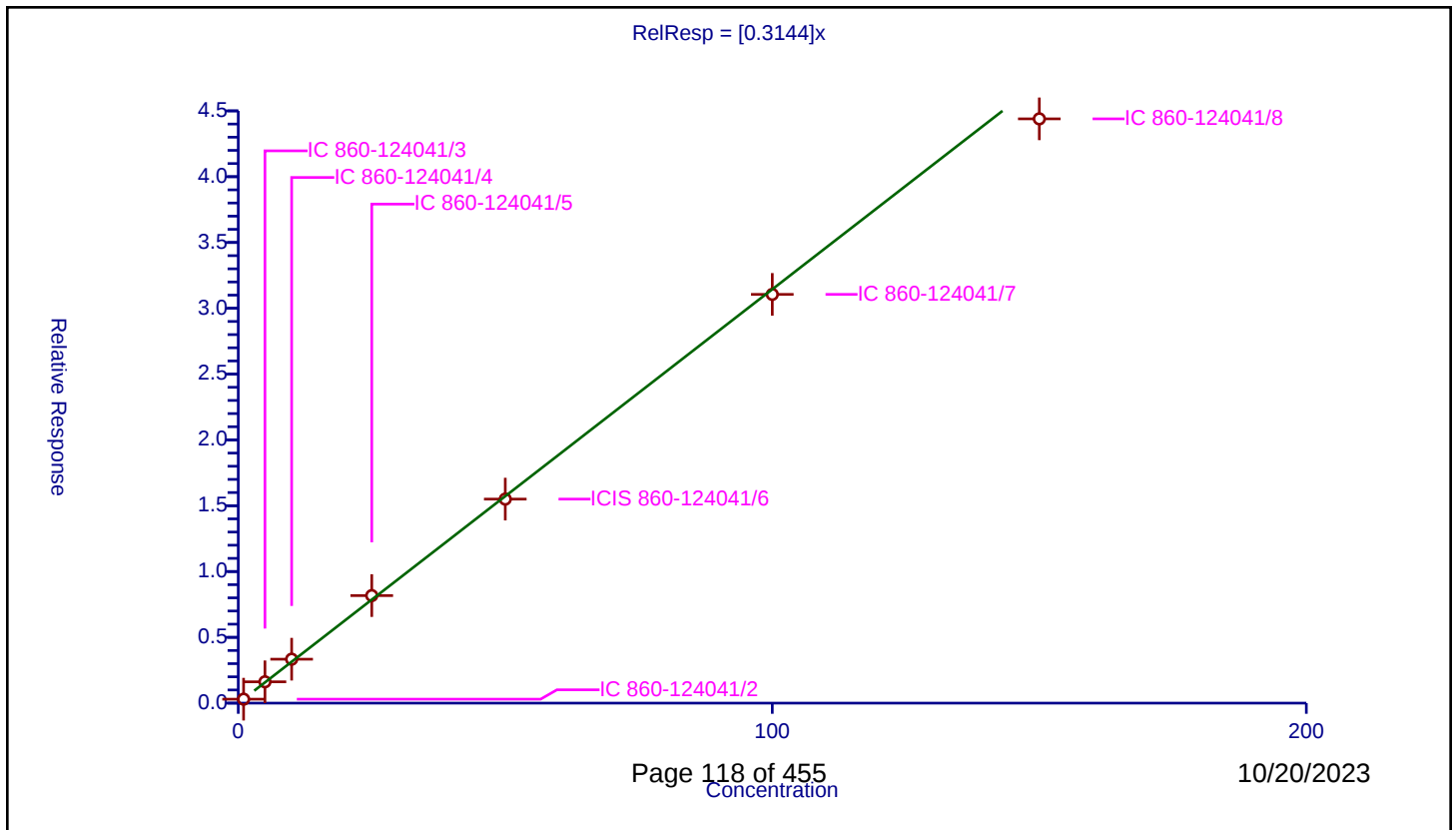
Curve Coefficients

Intercept: 0
Slope: 0.3144

Error Coefficients

Standard Error: 188000
Relative Standard Error: 4.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.299876	50.0	397665.0	0.299876	Y
2	IC 860-124041/3	5.0	1.619797	50.0	381807.0	0.323959	Y
3	IC 860-124041/4	10.0	3.339088	50.0	391544.0	0.333909	Y
4	IC 860-124041/5	25.0	8.170028	50.0	397875.0	0.326801	Y
5	ICIS 860-124041/6	50.0	15.50214	50.0	399819.0	0.310043	Y
6	IC 860-124041/7	100.0	31.056863	50.0	399295.0	0.310569	Y
7	IC 860-124041/8	150.0	44.393906	50.0	405853.0	0.295959	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

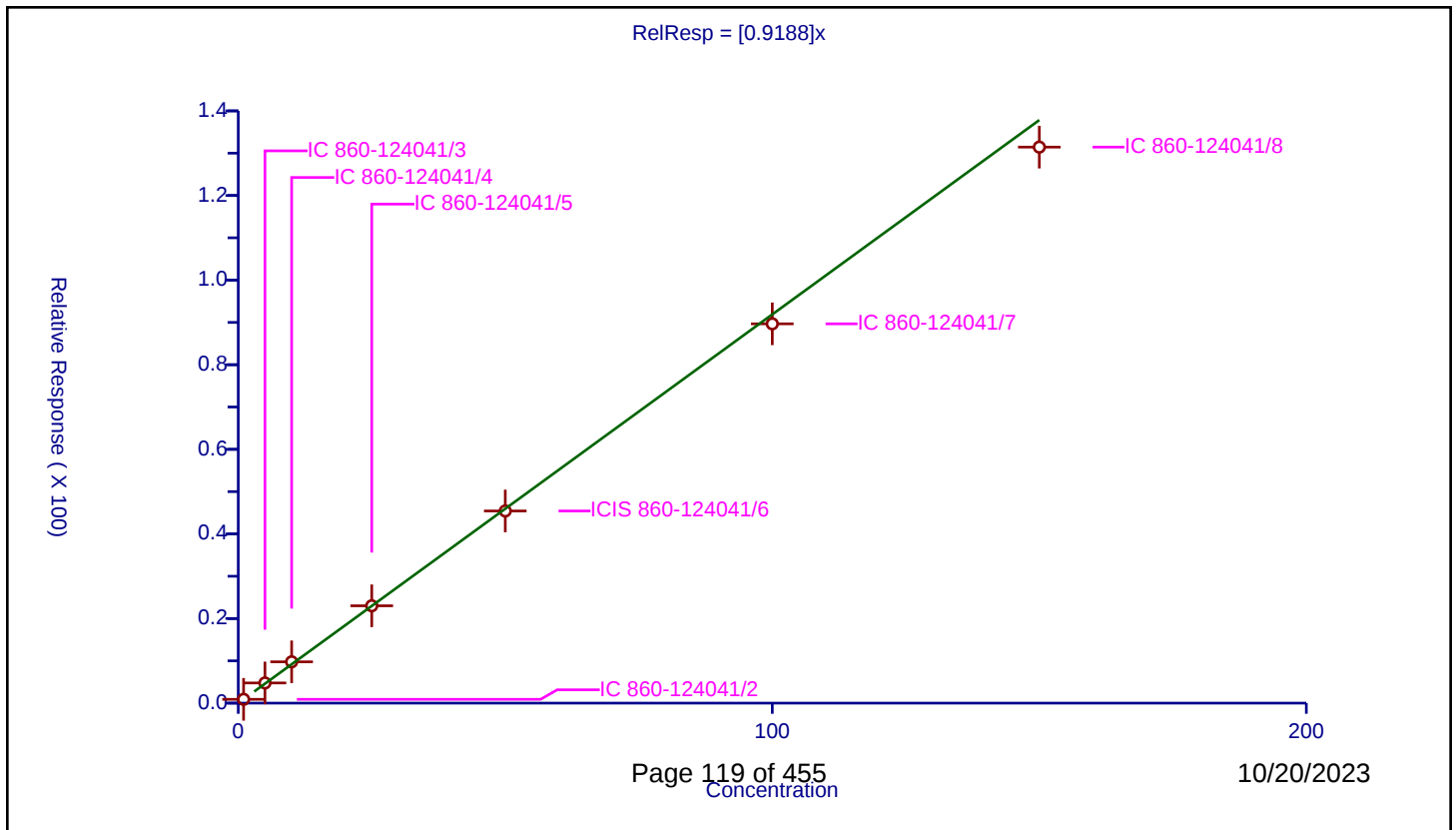
Curve Coefficients

Intercept: 0
Slope: 0.9188

Error Coefficients

Standard Error: 551000
Relative Standard Error: 3.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.900004	50.0	397665.0	0.900004	Y
2	IC 860-124041/3	5.0	4.768902	50.0	381807.0	0.95378	Y
3	IC 860-124041/4	10.0	9.763909	50.0	391544.0	0.976391	Y
4	IC 860-124041/5	25.0	23.011624	50.0	397875.0	0.920465	Y
5	ICIS 860-124041/6	50.0	45.421303	50.0	399819.0	0.908426	Y
6	IC 860-124041/7	100.0	89.662781	50.0	399295.0	0.896628	Y
7	IC 860-124041/8	150.0	131.437984	50.0	405853.0	0.876253	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

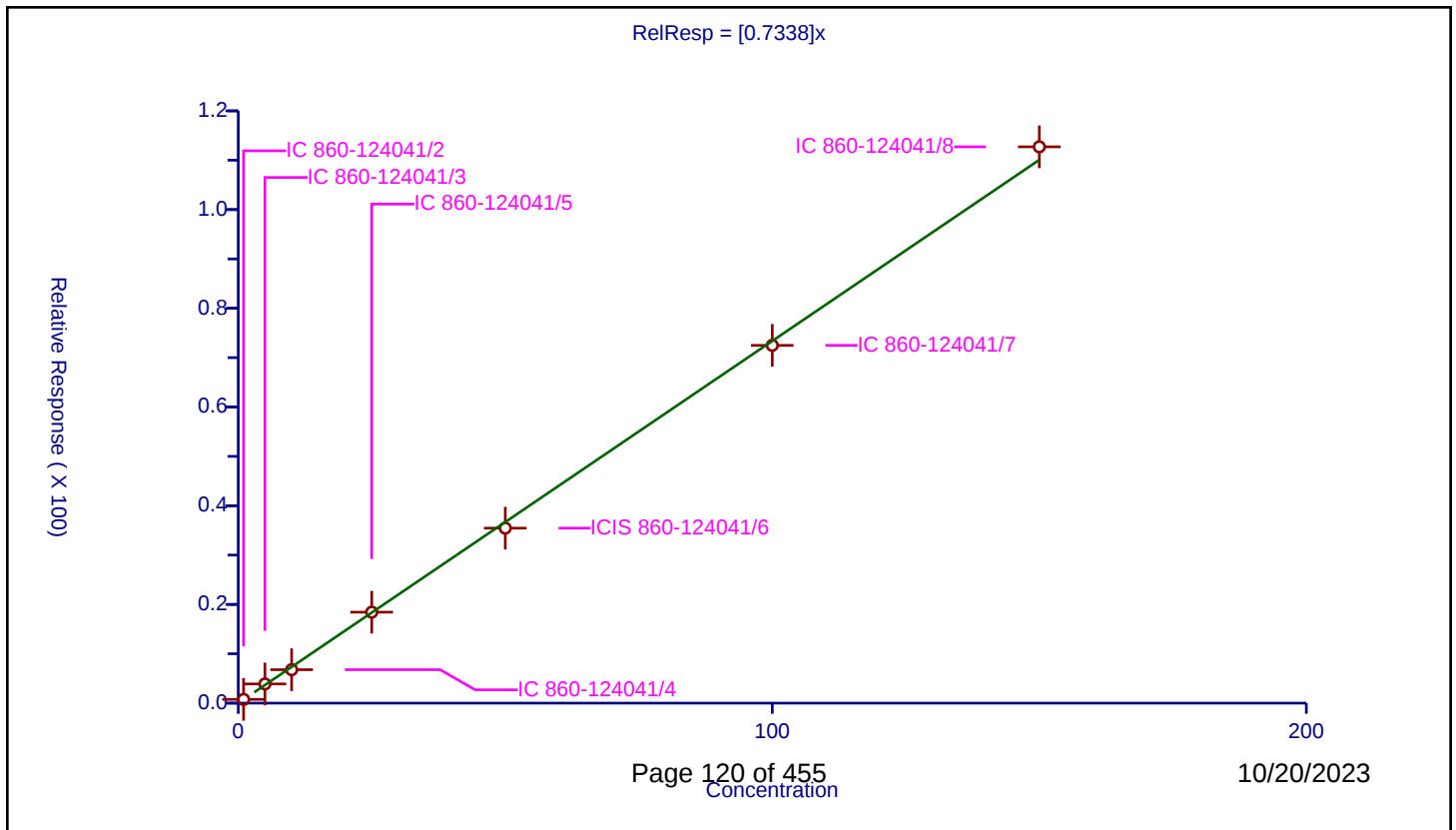
Curve Coefficients

Intercept: 0
Slope: 0.7338

Error Coefficients

Standard Error: 461000
Relative Standard Error: 4.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.759182	50.0	397665.0	0.759182	Y
2	IC 860-124041/3	5.0	3.885733	50.0	381807.0	0.777147	Y
3	IC 860-124041/4	10.0	6.775356	50.0	391544.0	0.677536	Y
4	IC 860-124041/5	25.0	18.433428	50.0	397875.0	0.737337	Y
5	ICIS 860-124041/6	50.0	35.45817	50.0	399819.0	0.709163	Y
6	IC 860-124041/7	100.0	72.486257	50.0	399295.0	0.724863	Y
7	IC 860-124041/8	150.0	112.715688	50.0	405853.0	0.751438	Y



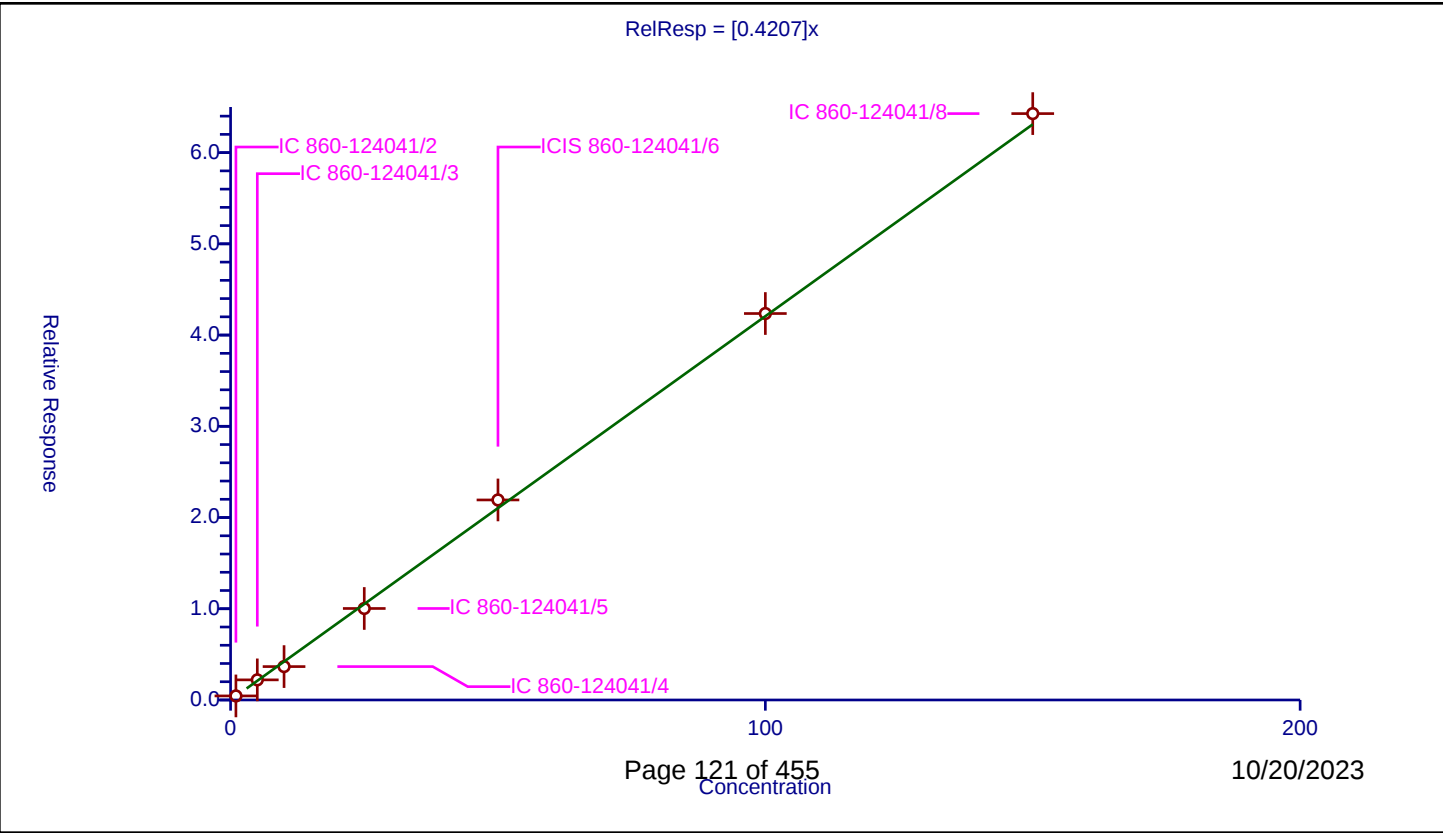
Calibration

/ 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:	0.4207
Error Coefficients	
Standard Error:	266000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.44535	50.0	397665.0	0.44535	Y
2	IC 860-124041/3	5.0	2.206743	50.0	381807.0	0.441349	Y
3	IC 860-124041/4	10.0	3.660764	50.0	391544.0	0.366076	Y
4	IC 860-124041/5	25.0	10.029658	50.0	397875.0	0.401186	Y
5	ICIS 860-124041/6	50.0	21.928047	50.0	399819.0	0.438561	Y
6	IC 860-124041/7	100.0	42.362915	50.0	399295.0	0.423629	Y
7	IC 860-124041/8	150.0	64.279185	50.0	405853.0	0.428528	Y



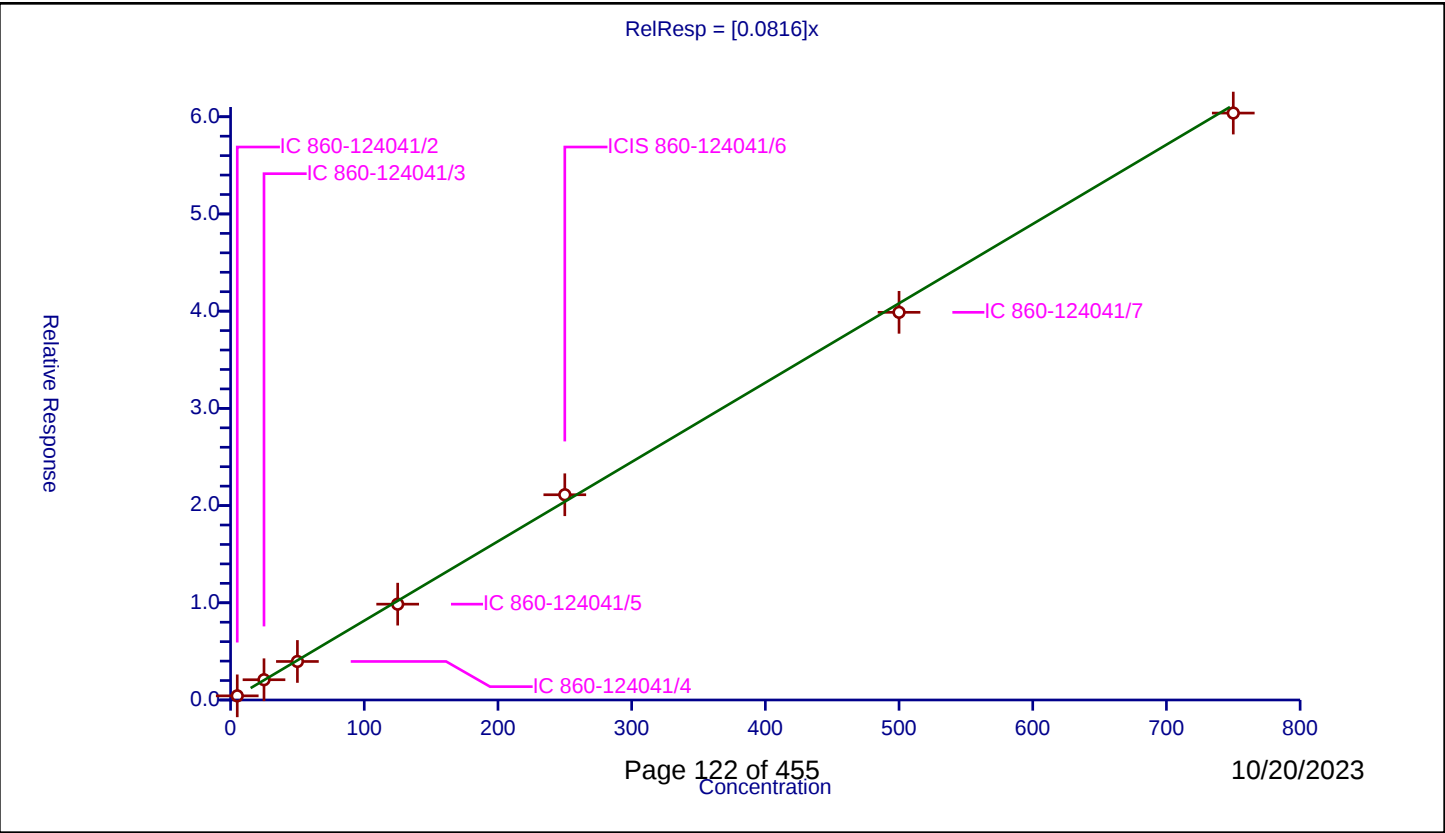
Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0816
Error Coefficients	
Standard Error:	251000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	5.0	0.425484	50.0	397665.0	0.085097	Y
2	IC 860-124041/3	25.0	2.083251	50.0	381807.0	0.08333	Y
3	IC 860-124041/4	50.0	3.961496	50.0	391544.0	0.07923	Y
4	IC 860-124041/5	125.0	9.857116	50.0	397875.0	0.078857	Y
5	ICIS 860-124041/6	250.0	21.113429	50.0	399819.0	0.084454	Y
6	IC 860-124041/7	500.0	39.880164	50.0	399295.0	0.07976	Y
7	IC 860-124041/8	750.0	60.378388	50.0	405853.0	0.080505	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

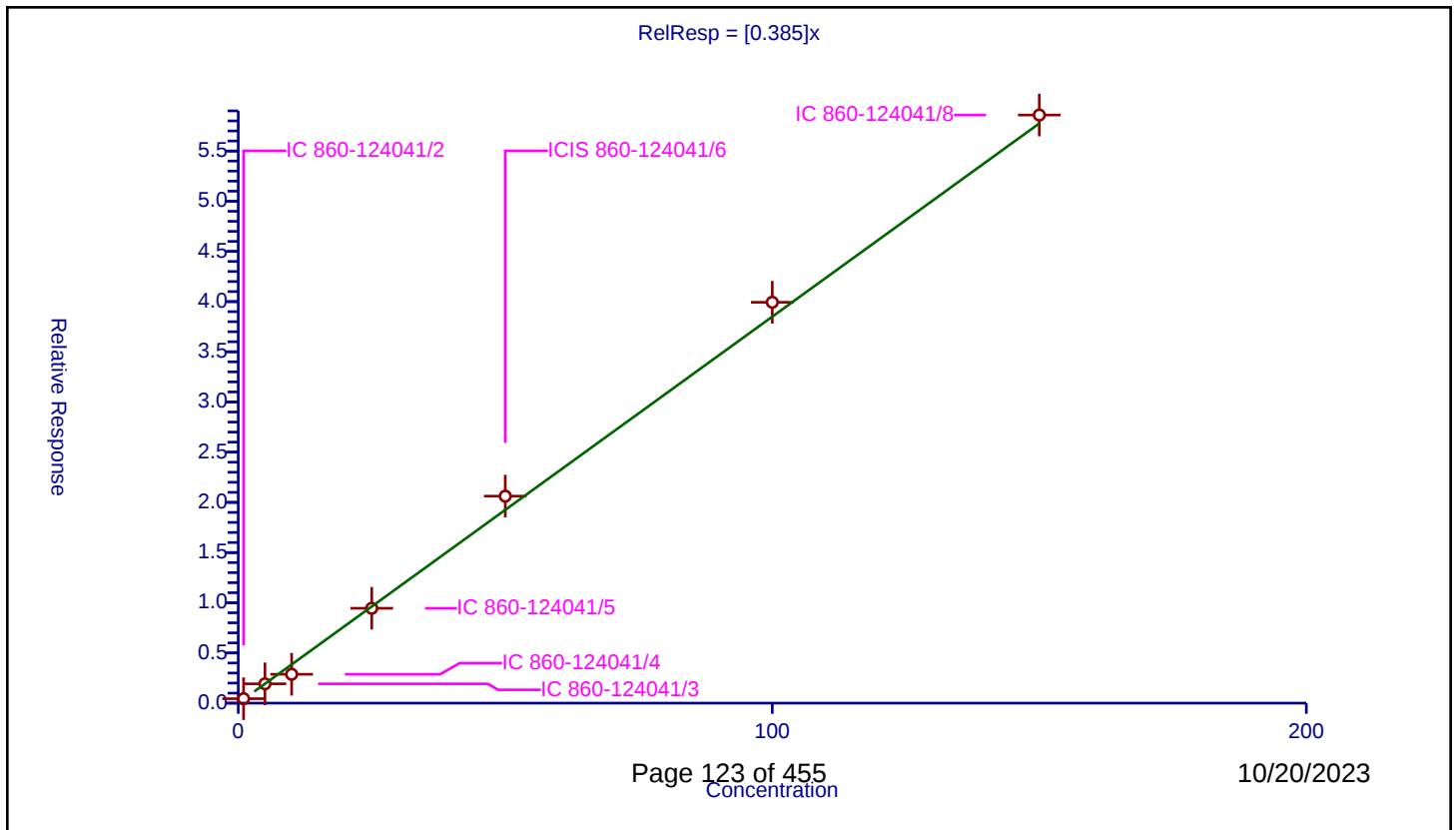
Curve Coefficients

Intercept: 0
Slope: 0.385

Error Coefficients

Standard Error: 245000
Relative Standard Error: 12.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.442332	50.0	397665.0	0.442332	Y
2	IC 860-124041/3	5.0	1.924925	50.0	381807.0	0.384985	Y
3	IC 860-124041/4	10.0	2.874645	50.0	391544.0	0.287464	Y
4	IC 860-124041/5	25.0	9.448571	50.0	397875.0	0.377943	Y
5	ICIS 860-124041/6	50.0	20.621331	50.0	399819.0	0.412427	Y
6	IC 860-124041/7	100.0	39.932631	50.0	399295.0	0.399326	Y
7	IC 860-124041/8	150.0	58.58599	50.0	405853.0	0.390573	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

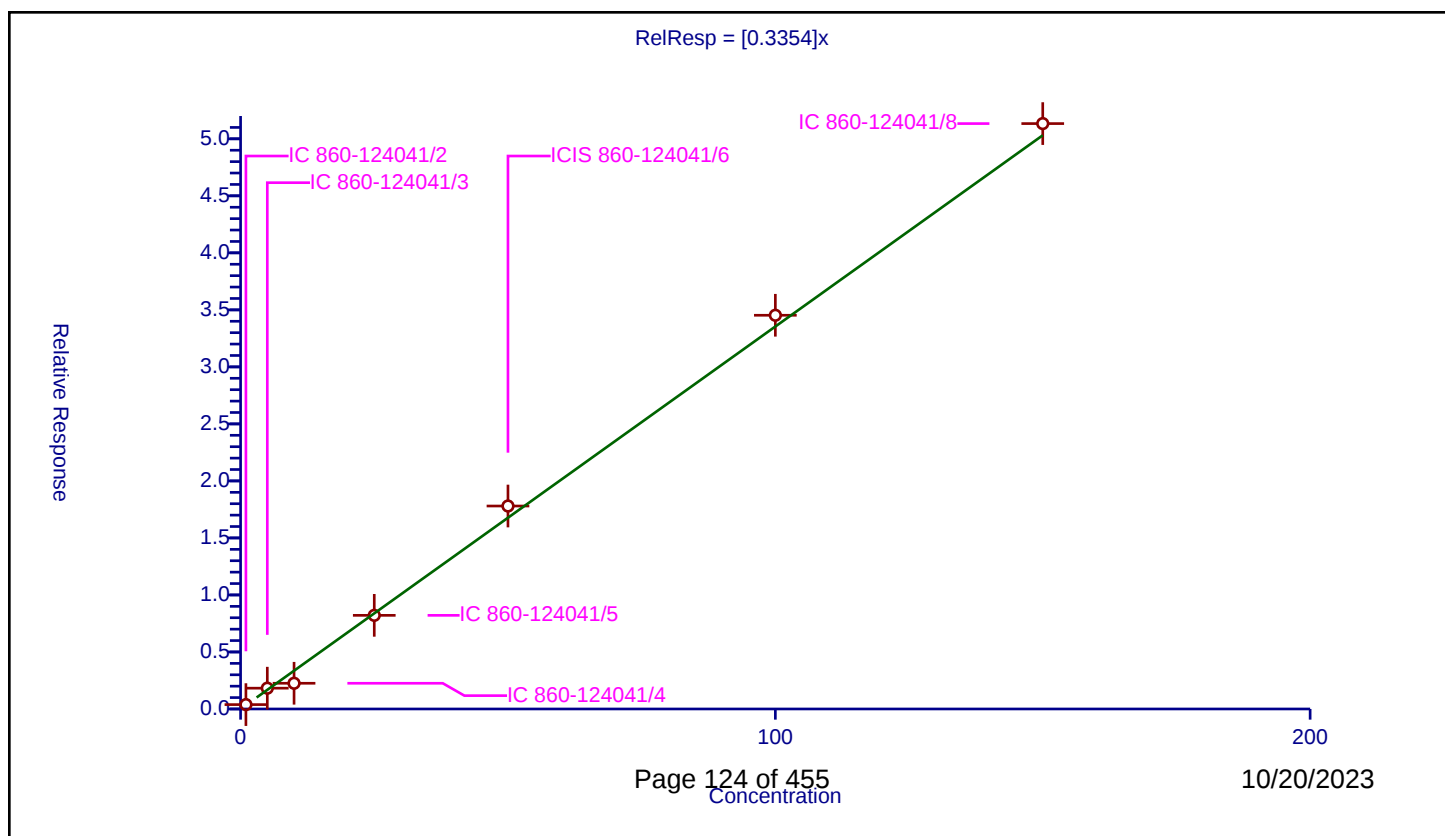
Curve Coefficients

Intercept: 0
Slope: 0.3354

Error Coefficients

Standard Error: 214000
Relative Standard Error: 15.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.385375	50.0	397665.0	0.385375	Y
2	IC 860-124041/3	5.0	1.82422	50.0	381807.0	0.364844	Y
3	IC 860-124041/4	10.0	2.256068	50.0	391544.0	0.225607	Y
4	IC 860-124041/5	25.0	8.211247	50.0	397875.0	0.32845	Y
5	ICIS 860-124041/6	50.0	17.799304	50.0	399819.0	0.355986	Y
6	IC 860-124041/7	100.0	34.52748	50.0	399295.0	0.345275	Y
7	IC 860-124041/8	150.0	51.336814	50.0	405853.0	0.342245	Y



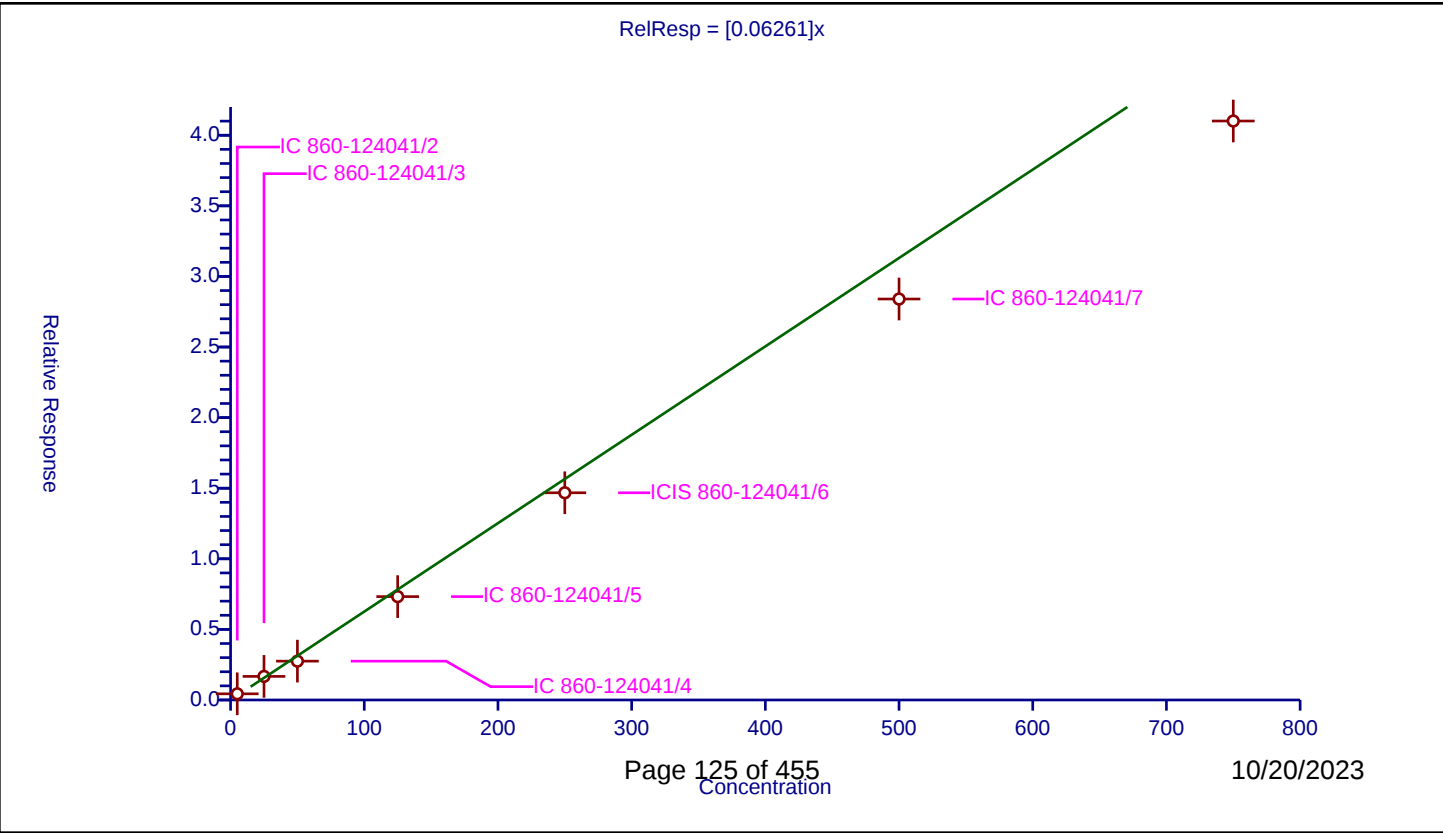
Calibration

/ 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:	0.06261
Error Coefficients	
Standard Error:	173000
Relative Standard Error:	18.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	5.0	0.438183	50.0	397665.0	0.087637	Y
2	IC 860-124041/3	25.0	1.671394	50.0	381807.0	0.066856	Y
3	IC 860-124041/4	50.0	2.75116	50.0	391544.0	0.055023	Y
4	IC 860-124041/5	125.0	7.3224	50.0	397875.0	0.058579	Y
5	ICIS 860-124041/6	250.0	14.676516	50.0	399819.0	0.058706	Y
6	IC 860-124041/7	500.0	28.400681	50.0	399295.0	0.056801	Y
7	IC 860-124041/8	750.0	41.007828	50.0	405853.0	0.054677	Y



Calibration

/ Iodomethane

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

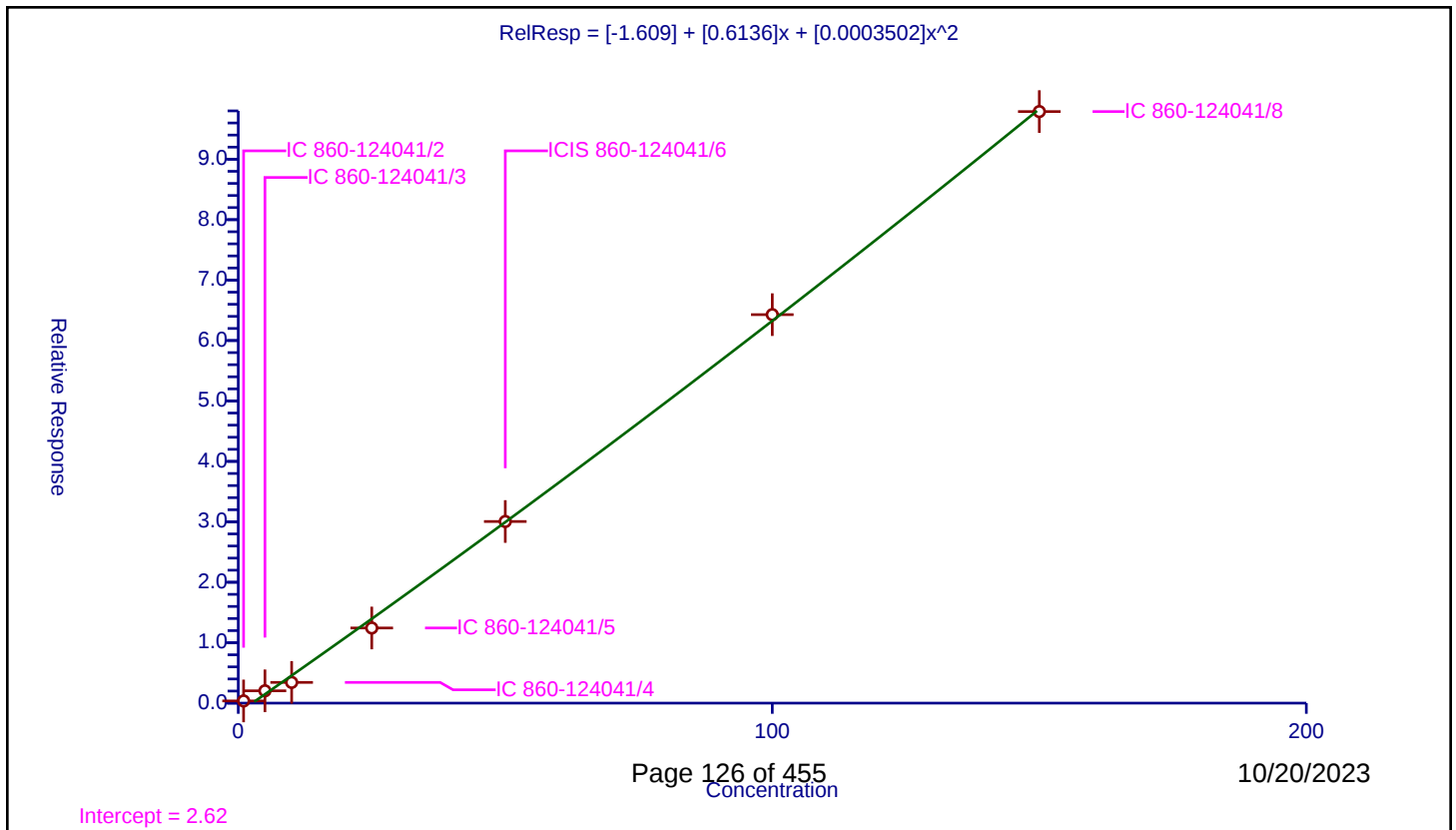
Curve Coefficients

Intercept: -1.609
Slope: 0.6136
Second Order: 0.0003502

Error Coefficients

Standard Error: 491000
Relative Standard Error: 111.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.365509	50.0	397665.0	0.365509	Y
2	IC 860-124041/3	5.0	2.038072	50.0	381807.0	0.407614	Y
3	IC 860-124041/4	10.0	3.430266	50.0	391544.0	0.343027	Y
4	IC 860-124041/5	25.0	12.433176	50.0	397875.0	0.497327	Y
5	ICIS 860-124041/6	50.0	30.055725	50.0	399819.0	0.601115	Y
6	IC 860-124041/7	100.0	64.284927	50.0	399295.0	0.642849	Y
7	IC 860-124041/8	150.0	97.886057	50.0	405853.0	0.652574	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

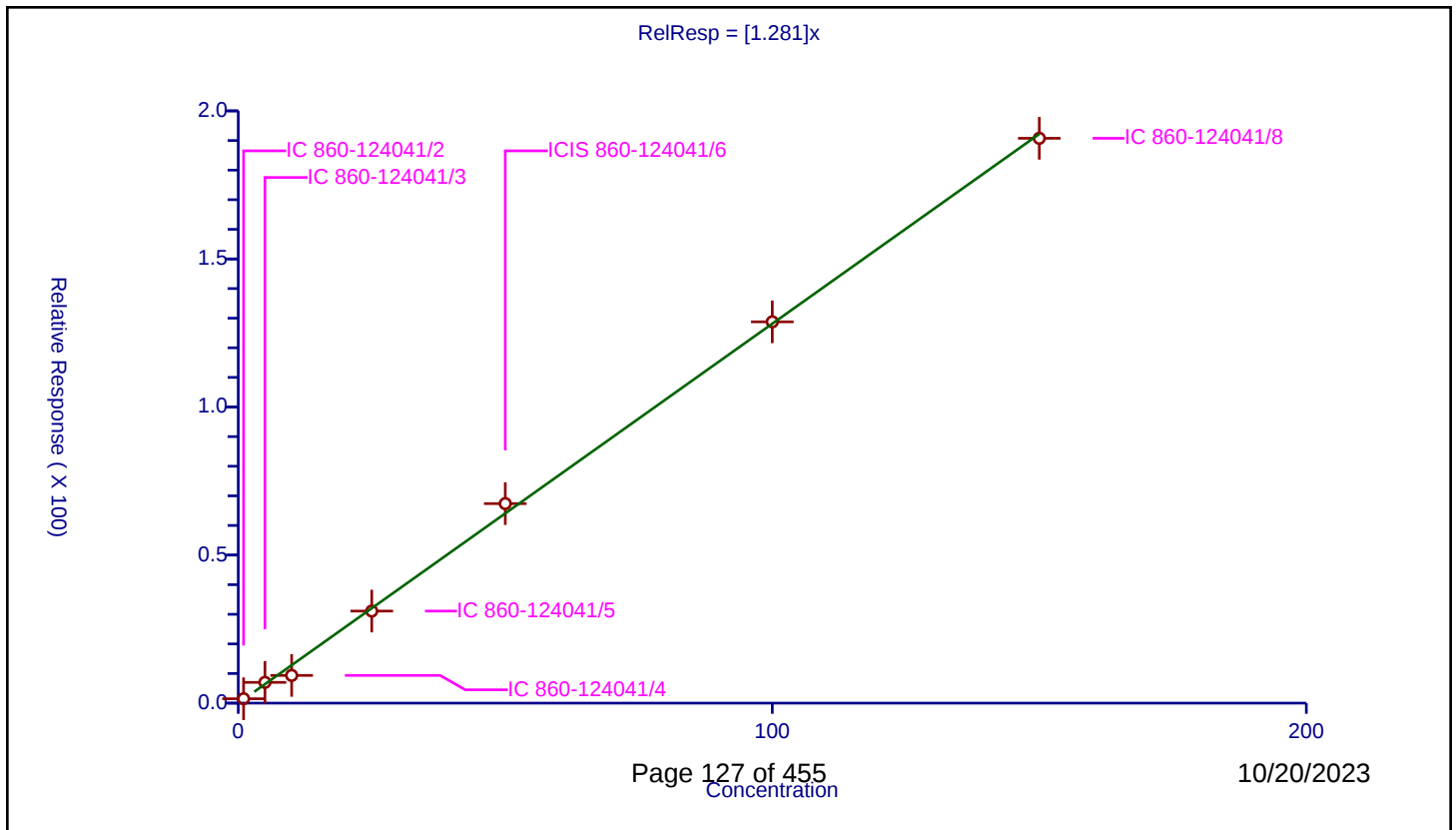
Curve Coefficients

Intercept: 0
Slope: 1.281

Error Coefficients

Standard Error: 797000
Relative Standard Error: 13.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.481901	50.0	397665.0	1.481901	Y
2	IC 860-124041/3	5.0	7.007074	50.0	381807.0	1.401415	Y
3	IC 860-124041/4	10.0	9.357697	50.0	391544.0	0.93577	Y
4	IC 860-124041/5	25.0	31.087402	50.0	397875.0	1.243496	Y
5	ICIS 860-124041/6	50.0	67.377738	50.0	399819.0	1.347555	Y
6	IC 860-124041/7	100.0	128.765324	50.0	399295.0	1.287653	Y
7	IC 860-124041/8	150.0	190.740613	50.0	405853.0	1.271604	Y



Calibration

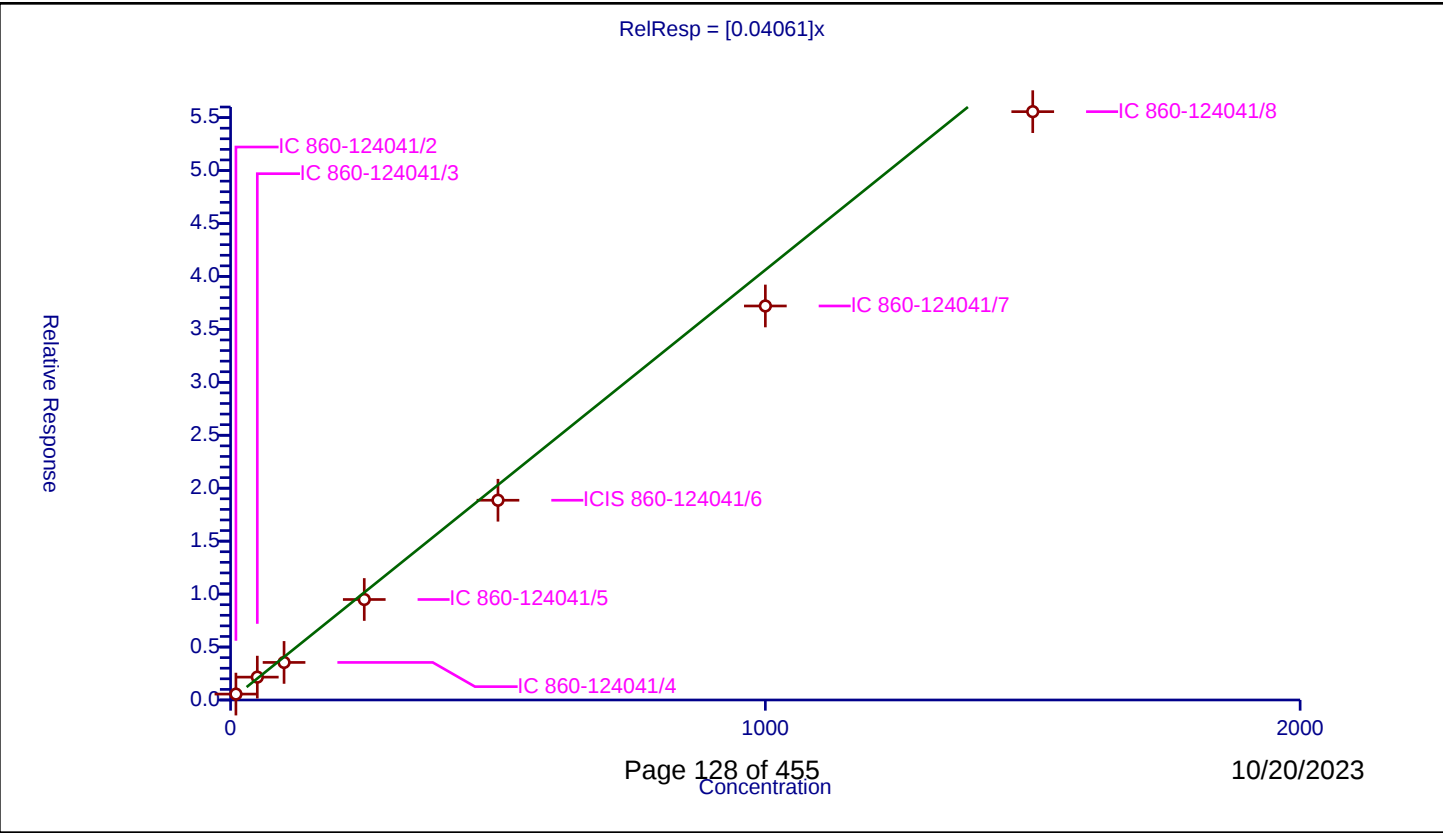
/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04061

Error Coefficients	
Standard Error:	231000
Relative Standard Error:	17.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	10.0	0.557127	50.0	397665.0	0.055713	Y
2	IC 860-124041/3	50.0	2.158813	50.0	381807.0	0.043176	Y
3	IC 860-124041/4	100.0	3.547494	50.0	391544.0	0.035475	Y
4	IC 860-124041/5	250.0	9.489287	50.0	397875.0	0.037957	Y
5	ICIS 860-124041/6	500.0	18.864661	50.0	399819.0	0.037729	Y
6	IC 860-124041/7	1000.0	37.210709	50.0	399295.0	0.037211	Y
7	IC 860-124041/8	1500.0	55.562852	50.0	405853.0	0.037042	Y



Calibration

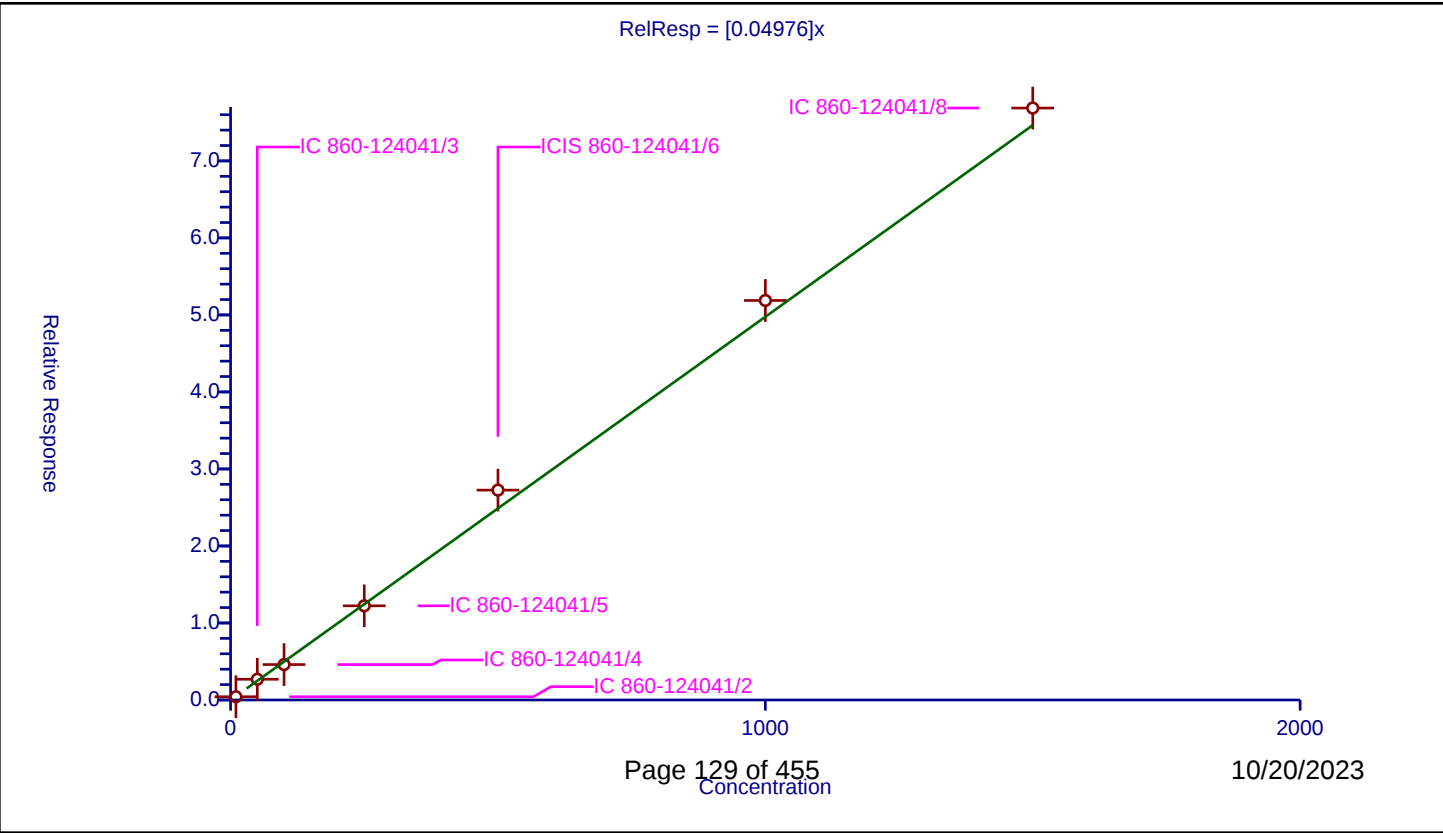
/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.04976

Error Coefficients	
Standard Error:	321000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	10.0	0.419197	50.0	397665.0	0.04192	Y
2	IC 860-124041/3	50.0	2.692067	50.0	381807.0	0.053841	Y
3	IC 860-124041/4	100.0	4.598717	50.0	391544.0	0.045987	Y
4	IC 860-124041/5	250.0	12.228715	50.0	397875.0	0.048915	Y
5	ICIS 860-124041/6	500.0	27.254208	50.0	399819.0	0.054508	Y
6	IC 860-124041/7	1000.0	51.876683	50.0	399295.0	0.051877	Y
7	IC 860-124041/8	1500.0	76.866501	50.0	405853.0	0.051244	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

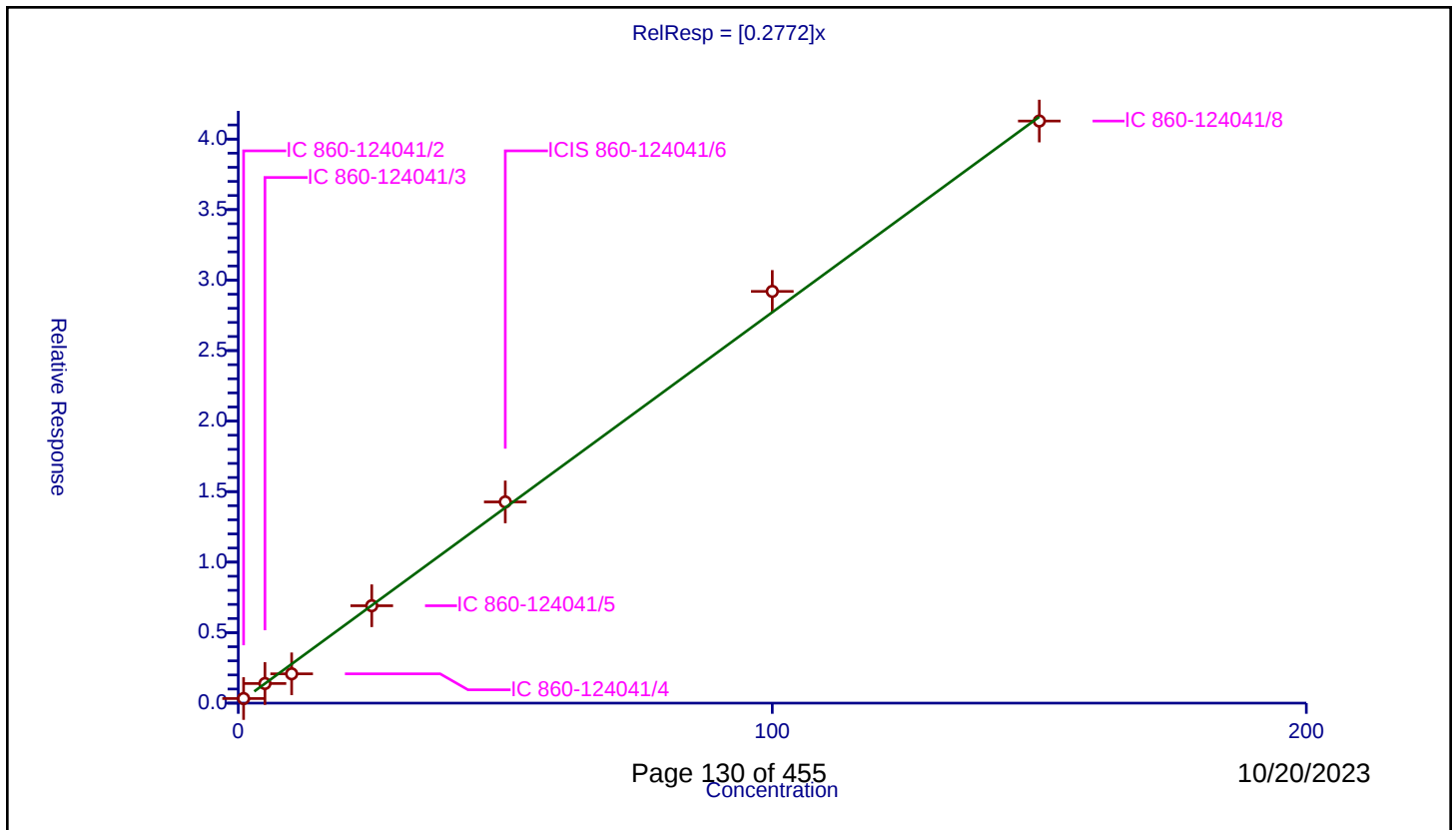
Curve Coefficients

Intercept: 0
Slope: 0.2772

Error Coefficients

Standard Error: 175000
Relative Standard Error: 12.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.3254	50.0	397665.0	0.3254	Y
2	IC 860-124041/3	5.0	1.391541	50.0	381807.0	0.278308	Y
3	IC 860-124041/4	10.0	2.078183	50.0	391544.0	0.207818	Y
4	IC 860-124041/5	25.0	6.90644	50.0	397875.0	0.276258	Y
5	ICIS 860-124041/6	50.0	14.268331	50.0	399819.0	0.285367	Y
6	IC 860-124041/7	100.0	29.198337	50.0	399295.0	0.291983	Y
7	IC 860-124041/8	150.0	41.280464	50.0	405853.0	0.275203	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

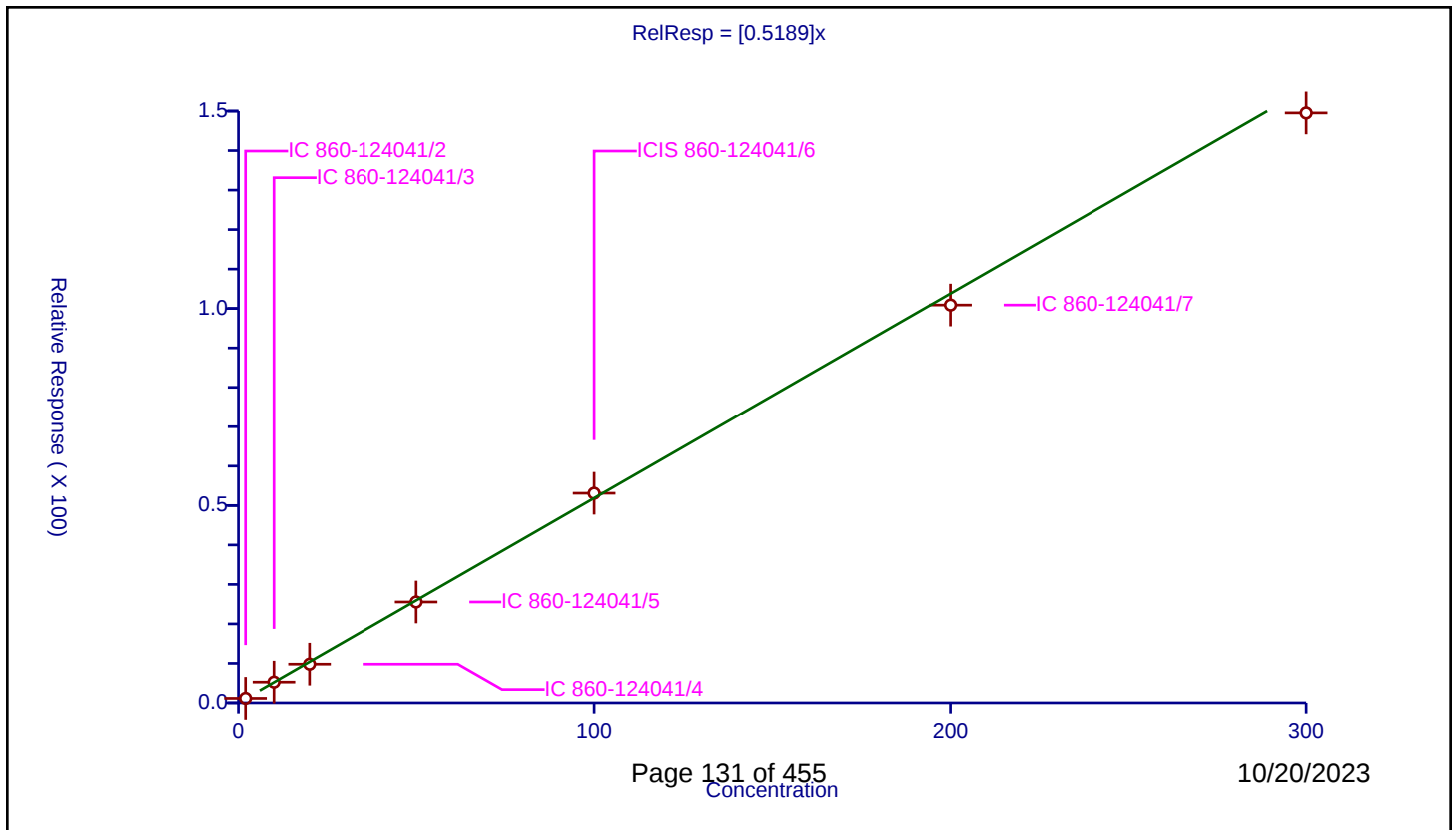
Curve Coefficients

Intercept: 0
Slope: 0.5189

Error Coefficients

Standard Error: 626000
Relative Standard Error: 5.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	2.0	1.144431	50.0	397665.0	0.572215	Y
2	IC 860-124041/3	10.0	5.25213	50.0	381807.0	0.525213	Y
3	IC 860-124041/4	20.0	9.79992	50.0	391544.0	0.489996	Y
4	IC 860-124041/5	50.0	25.550613	50.0	397875.0	0.511012	Y
5	ICIS 860-124041/6	100.0	53.11666	50.0	399819.0	0.531167	Y
6	IC 860-124041/7	200.0	100.882806	50.0	399295.0	0.504414	Y
7	IC 860-124041/8	300.0	149.526922	50.0	405853.0	0.498423	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

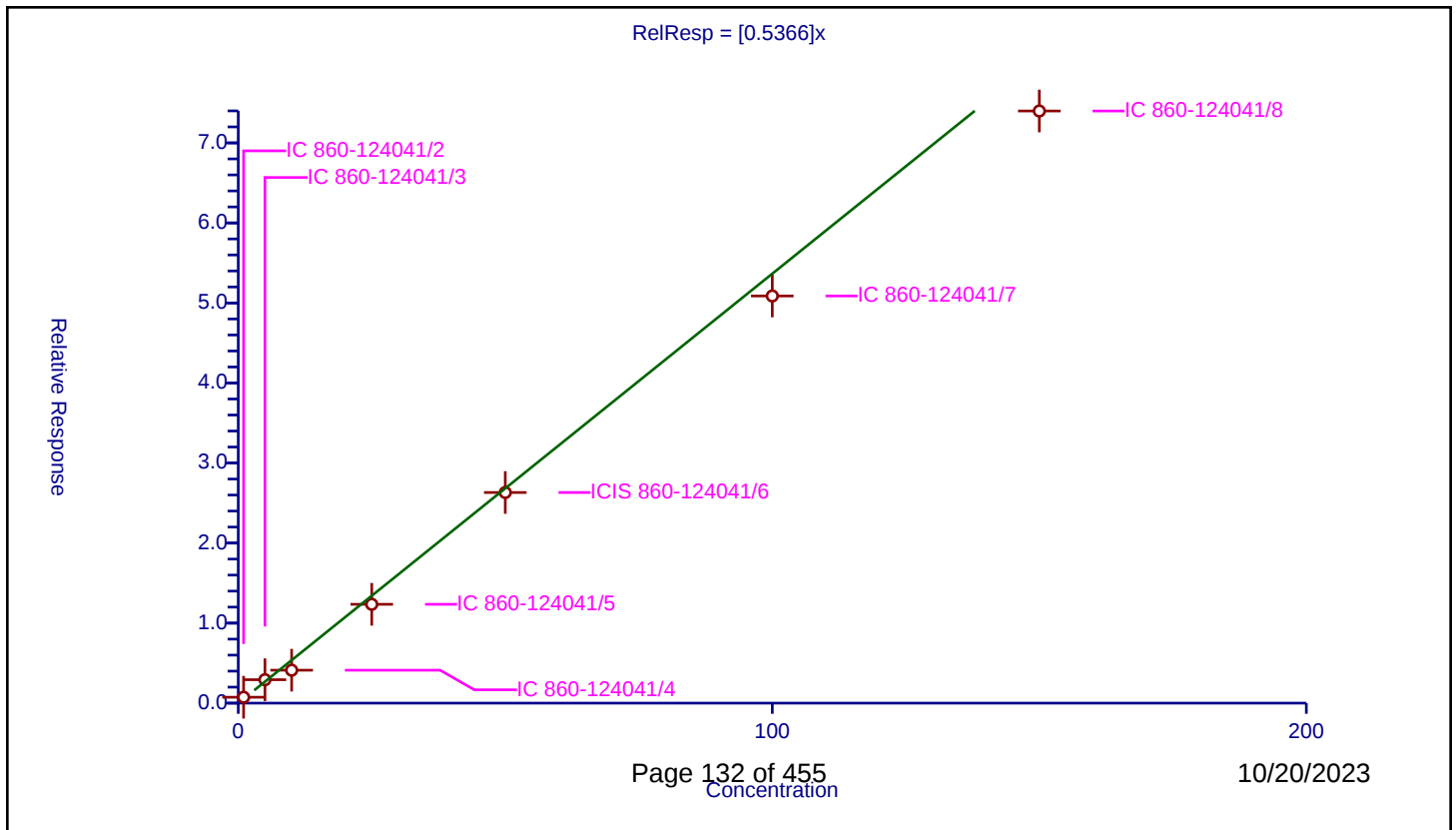
Curve Coefficients

Intercept: 0
Slope: 0.5366

Error Coefficients

Standard Error: 311000
Relative Standard Error: 19.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.73655	50.0	397665.0	0.73655	Y
2	IC 860-124041/3	5.0	2.928443	50.0	381807.0	0.585689	Y
3	IC 860-124041/4	10.0	4.114608	50.0	391544.0	0.411461	Y
4	IC 860-124041/5	25.0	12.346466	50.0	397875.0	0.493859	Y
5	ICIS 860-124041/6	50.0	26.319159	50.0	399819.0	0.526383	Y
6	IC 860-124041/7	100.0	50.873039	50.0	399295.0	0.50873	Y
7	IC 860-124041/8	150.0	73.986271	50.0	405853.0	0.493242	Y



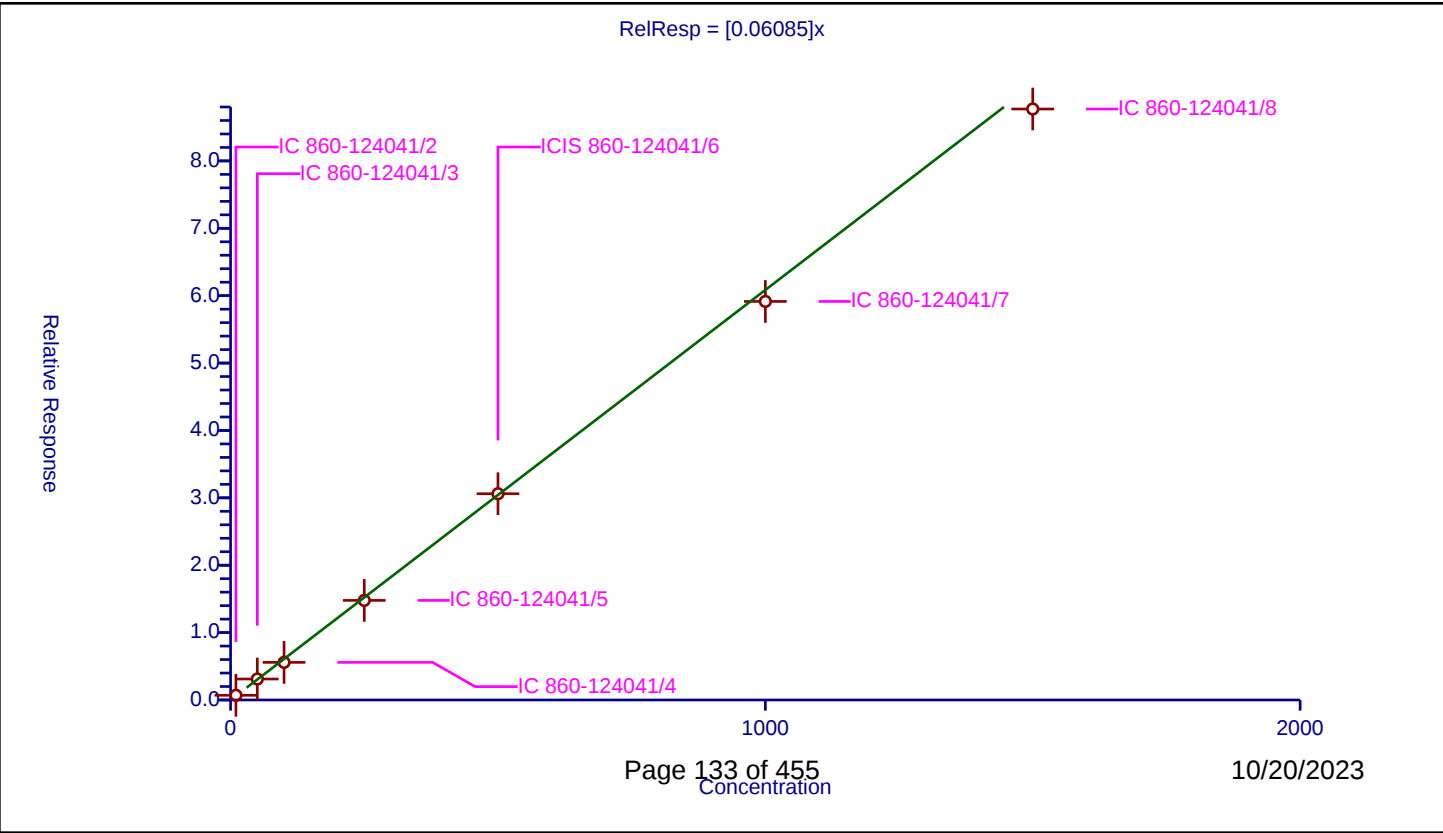
Calibration

/ 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:	0.06085
Error Coefficients	
Standard Error:	367000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	10.0	0.698955	50.0	397665.0	0.069896	Y
2	IC 860-124041/3	50.0	3.113746	50.0	381807.0	0.062275	Y
3	IC 860-124041/4	100.0	5.583153	50.0	391544.0	0.055832	Y
4	IC 860-124041/5	250.0	14.777254	50.0	397875.0	0.059109	Y
5	ICIS 860-124041/6	500.0	30.609476	50.0	399819.0	0.061219	Y
6	IC 860-124041/7	1000.0	59.147372	50.0	399295.0	0.059147	Y
7	IC 860-124041/8	1500.0	87.703799	50.0	405853.0	0.058469	Y



Calibration

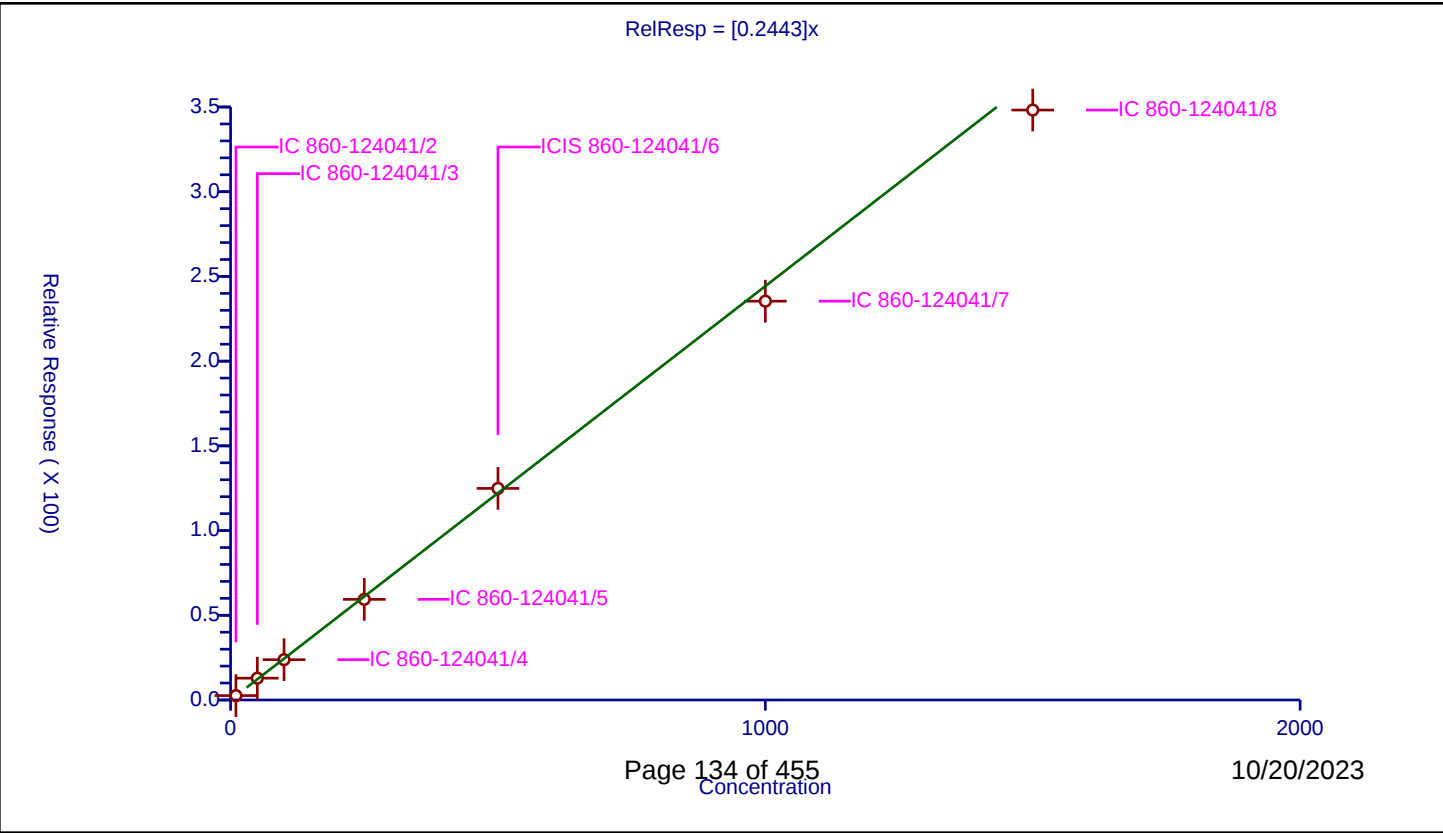
/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2443

Error Coefficients	
Standard Error:	1460000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	10.0	2.595526	50.0	397665.0	0.259553	Y
2	IC 860-124041/3	50.0	12.880592	50.0	381807.0	0.257612	Y
3	IC 860-124041/4	100.0	23.785705	50.0	391544.0	0.237857	Y
4	IC 860-124041/5	250.0	59.397172	50.0	397875.0	0.237589	Y
5	ICIS 860-124041/6	500.0	124.893014	50.0	399819.0	0.249786	Y
6	IC 860-124041/7	1000.0	235.390376	50.0	399295.0	0.23539	Y
7	IC 860-124041/8	1500.0	348.20021	50.0	405853.0	0.232133	Y



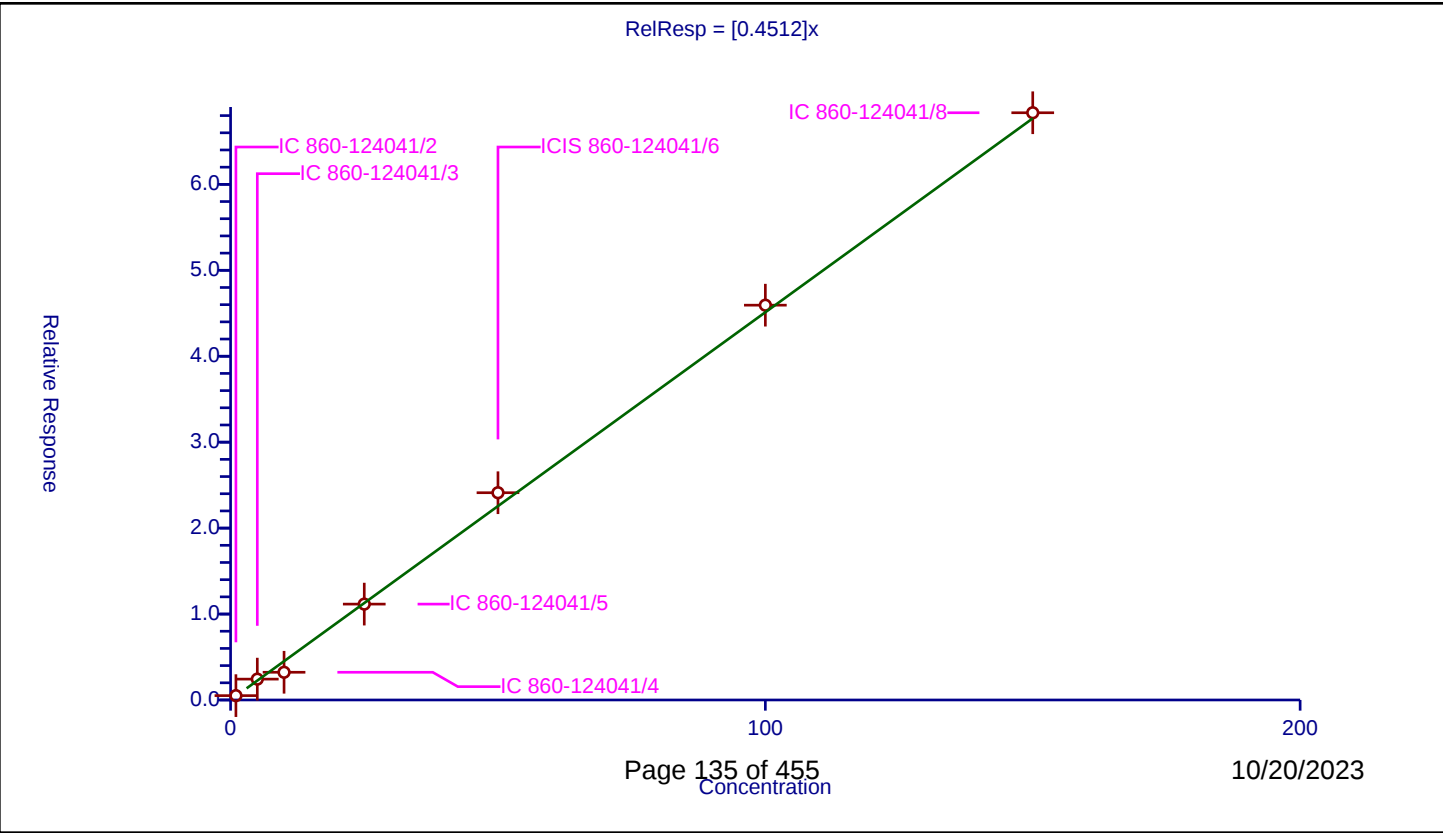
Calibration

/ 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:	0.4512
Error Coefficients	
Standard Error:	285000
Relative Standard Error:	13.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.506331	50.0	397665.0	0.506331	Y
2	IC 860-124041/3	5.0	2.4295	50.0	381807.0	0.4859	Y
3	IC 860-124041/4	10.0	3.224286	50.0	391544.0	0.322429	Y
4	IC 860-124041/5	25.0	11.156393	50.0	397875.0	0.446256	Y
5	ICIS 860-124041/6	50.0	24.118414	50.0	399819.0	0.482368	Y
6	IC 860-124041/7	100.0	45.942724	50.0	399295.0	0.459427	Y
7	IC 860-124041/8	150.0	68.331514	50.0	405853.0	0.455543	Y



Calibration

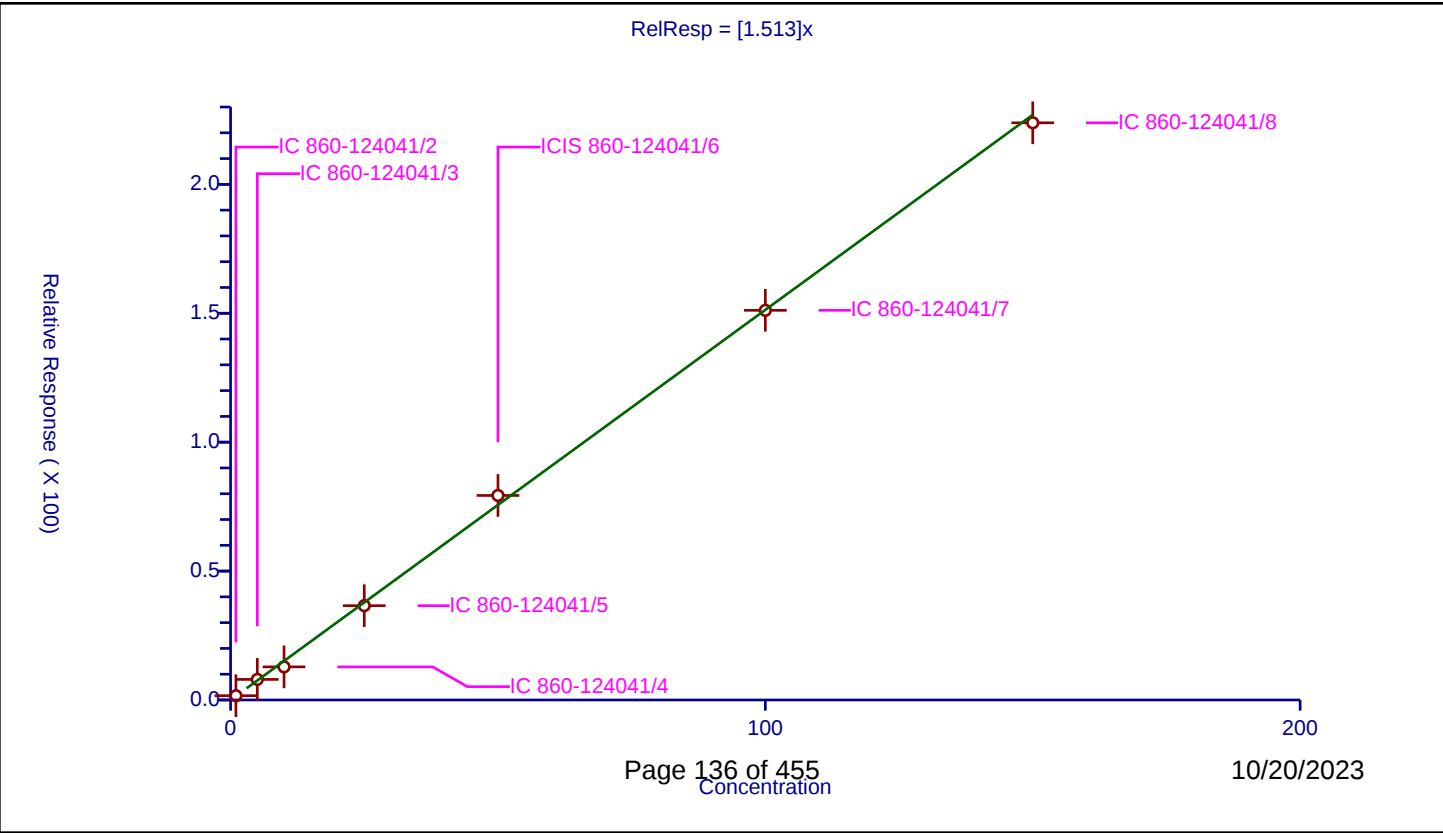
/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.513

Error Coefficients	
Standard Error:	936000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.65818	50.0	397665.0	1.65818	Y
2	IC 860-124041/3	5.0	7.980734	50.0	381807.0	1.596147	Y
3	IC 860-124041/4	10.0	12.842618	50.0	391544.0	1.284262	Y
4	IC 860-124041/5	25.0	36.580333	50.0	397875.0	1.463213	Y
5	ICIS 860-124041/6	50.0	79.323769	50.0	399819.0	1.586475	Y
6	IC 860-124041/7	100.0	151.145143	50.0	399295.0	1.511451	Y
7	IC 860-124041/8	150.0	223.88143	50.0	405853.0	1.492543	Y



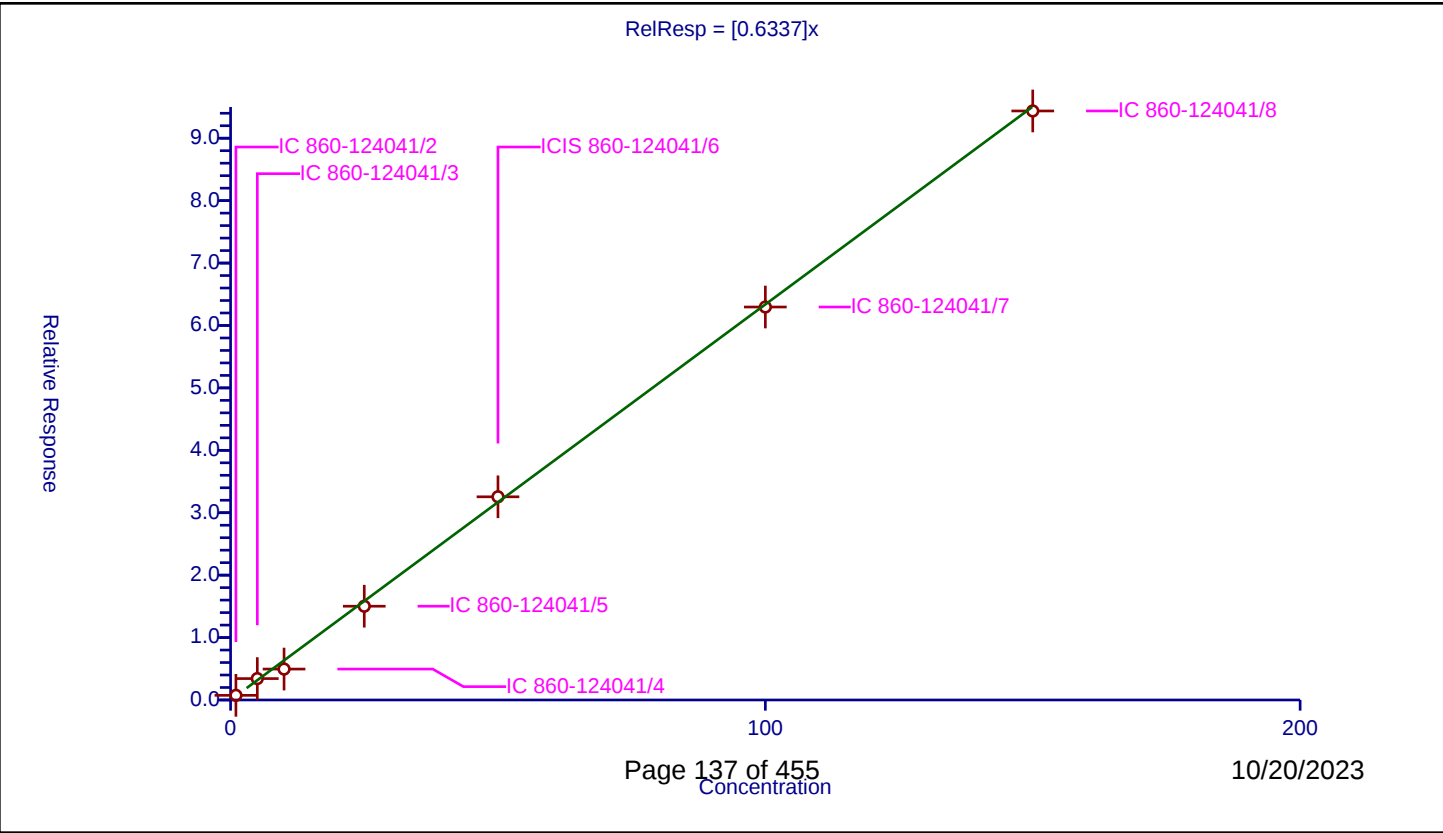
Calibration

/ 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:	0.6337
Error Coefficients	
Standard Error:	392000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.744471	50.0	397665.0	0.744471	Y
2	IC 860-124041/3	5.0	3.428827	50.0	381807.0	0.685765	Y
3	IC 860-124041/4	10.0	4.9527	50.0	391544.0	0.49527	Y
4	IC 860-124041/5	25.0	15.022055	50.0	397875.0	0.600882	Y
5	ICIS 860-124041/6	50.0	32.55148	50.0	399819.0	0.65103	Y
6	IC 860-124041/7	100.0	62.959717	50.0	399295.0	0.629597	Y
7	IC 860-124041/8	150.0	94.36631	50.0	405853.0	0.629109	Y



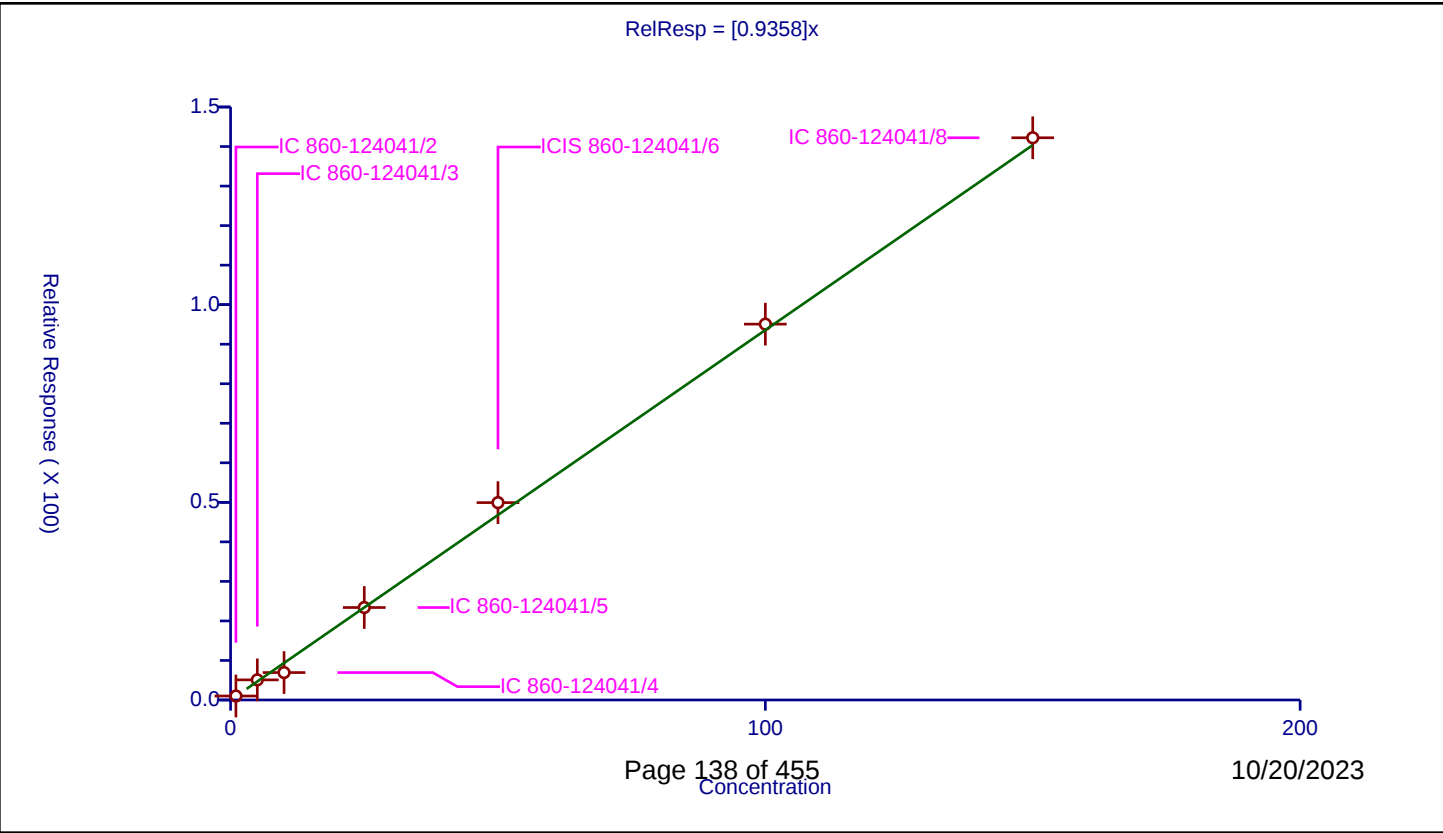
Calibration

/ 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:	0.9358
Error Coefficients	
Standard Error:	593000
Relative Standard Error:	11.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.005746	50.0	397665.0	1.005746	Y
2	IC 860-124041/3	5.0	5.087125	50.0	381807.0	1.017425	Y
3	IC 860-124041/4	10.0	6.939833	50.0	391544.0	0.693983	Y
4	IC 860-124041/5	25.0	23.393779	50.0	397875.0	0.935751	Y
5	ICIS 860-124041/6	50.0	49.927842	50.0	399819.0	0.998557	Y
6	IC 860-124041/7	100.0	95.076322	50.0	399295.0	0.950763	Y
7	IC 860-124041/8	150.0	142.222923	50.0	405853.0	0.948153	Y



Calibration

/ Vinyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

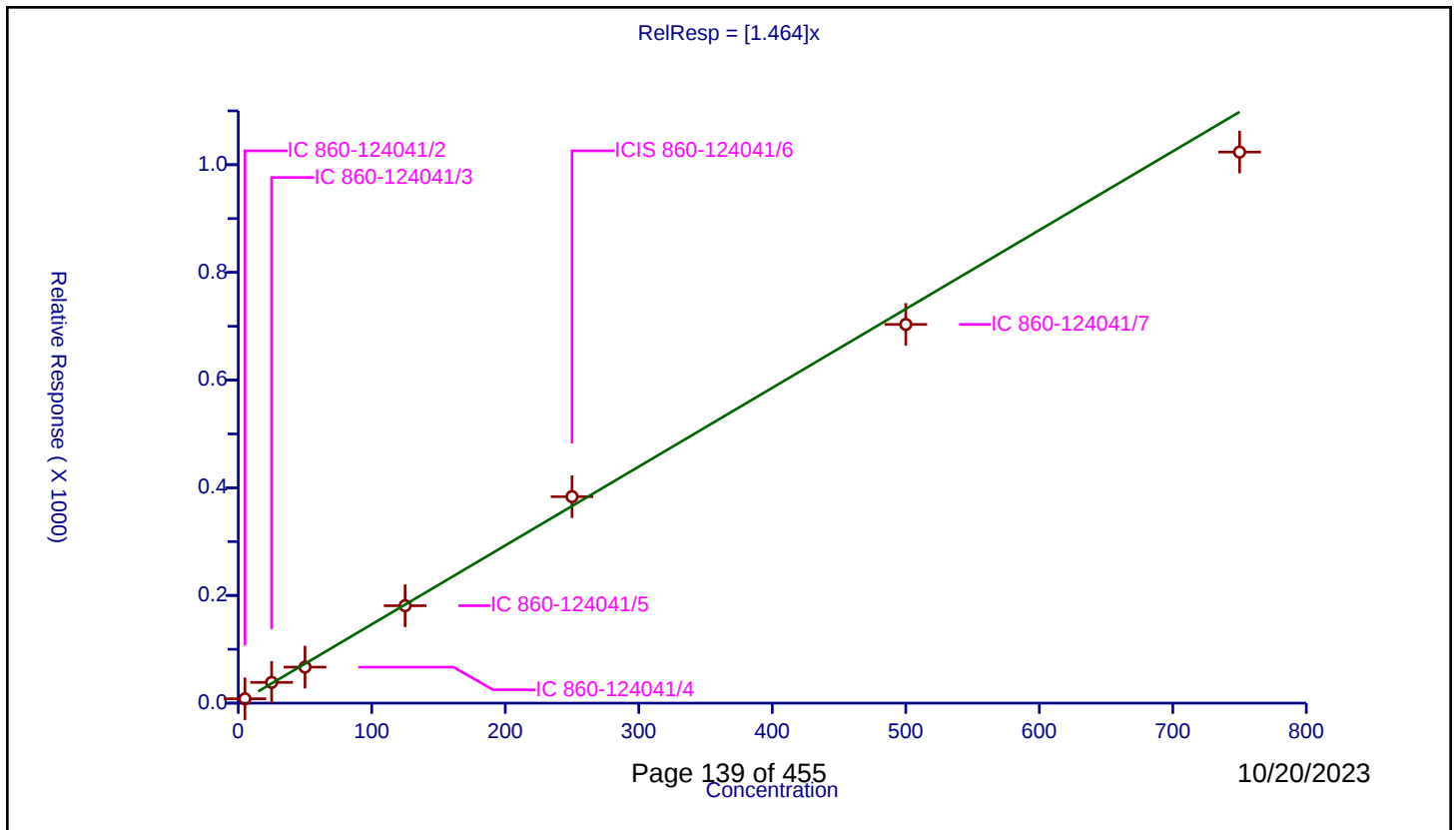
Curve Coefficients

Intercept: 0
Slope: 1.464

Error Coefficients

Standard Error: 4330000
Relative Standard Error: 7.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	5.0	8.078659	50.0	397665.0	1.615732	Y
2	IC 860-124041/3	25.0	38.533998	50.0	381807.0	1.54136	Y
3	IC 860-124041/4	50.0	66.926195	50.0	391544.0	1.338524	Y
4	IC 860-124041/5	125.0	180.953691	50.0	397875.0	1.44763	Y
5	ICIS 860-124041/6	250.0	383.501159	50.0	399819.0	1.534005	Y
6	IC 860-124041/7	500.0	703.396486	50.0	399295.0	1.406793	Y
7	IC 860-124041/8	750.0	1023.520955	50.0	405853.0	1.364695	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

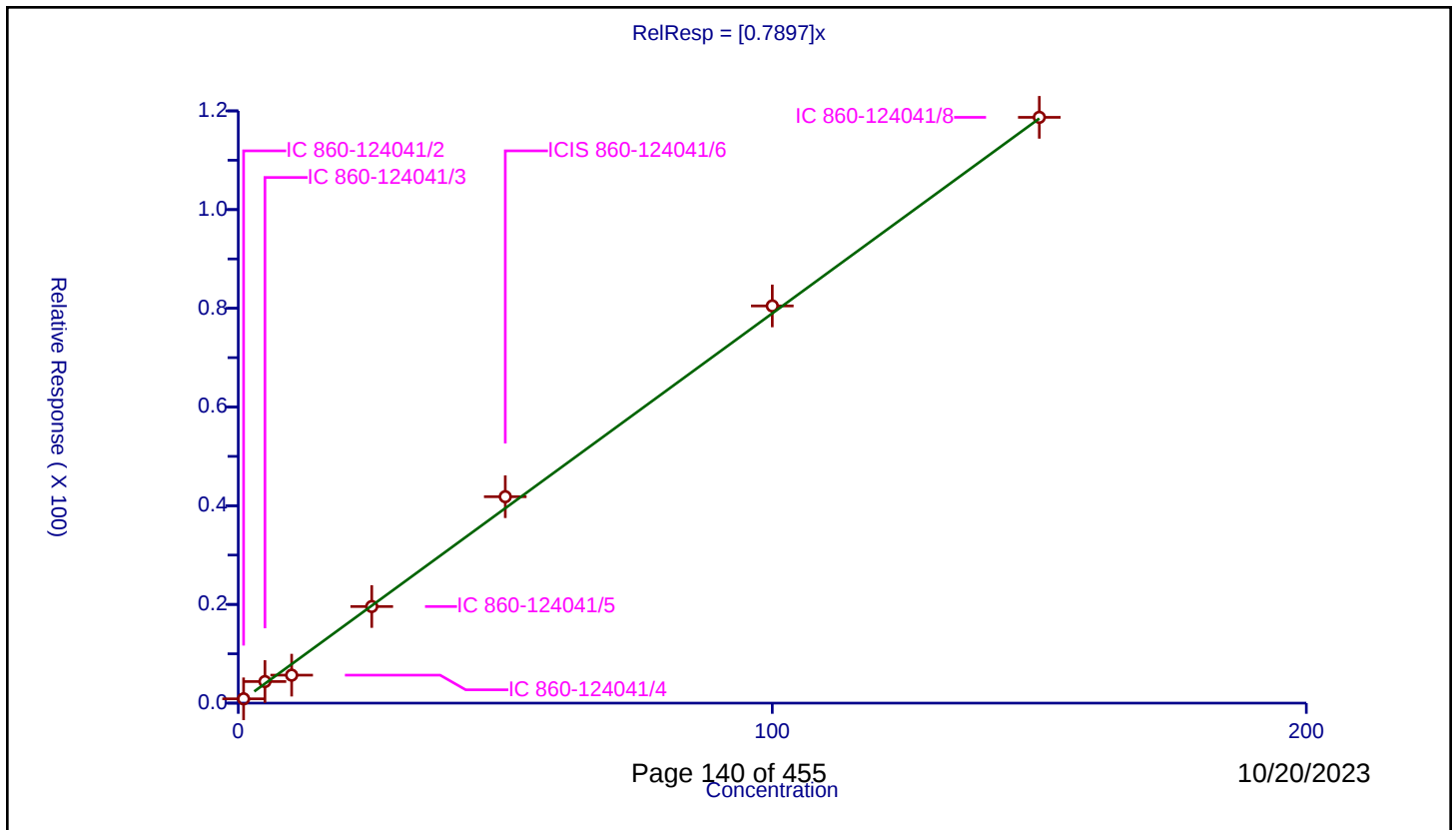
Curve Coefficients

Intercept: 0
Slope: 0.7897

Error Coefficients

Standard Error: 497000
Relative Standard Error: 13.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.870582	50.0	397665.0	0.870582	Y
2	IC 860-124041/3	5.0	4.374854	50.0	381807.0	0.874971	Y
3	IC 860-124041/4	10.0	5.670627	50.0	391544.0	0.567063	Y
4	IC 860-124041/5	25.0	19.574112	50.0	397875.0	0.782964	Y
5	ICIS 860-124041/6	50.0	41.824801	50.0	399819.0	0.836496	Y
6	IC 860-124041/7	100.0	80.480221	50.0	399295.0	0.804802	Y
7	IC 860-124041/8	150.0	118.696671	50.0	405853.0	0.791311	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

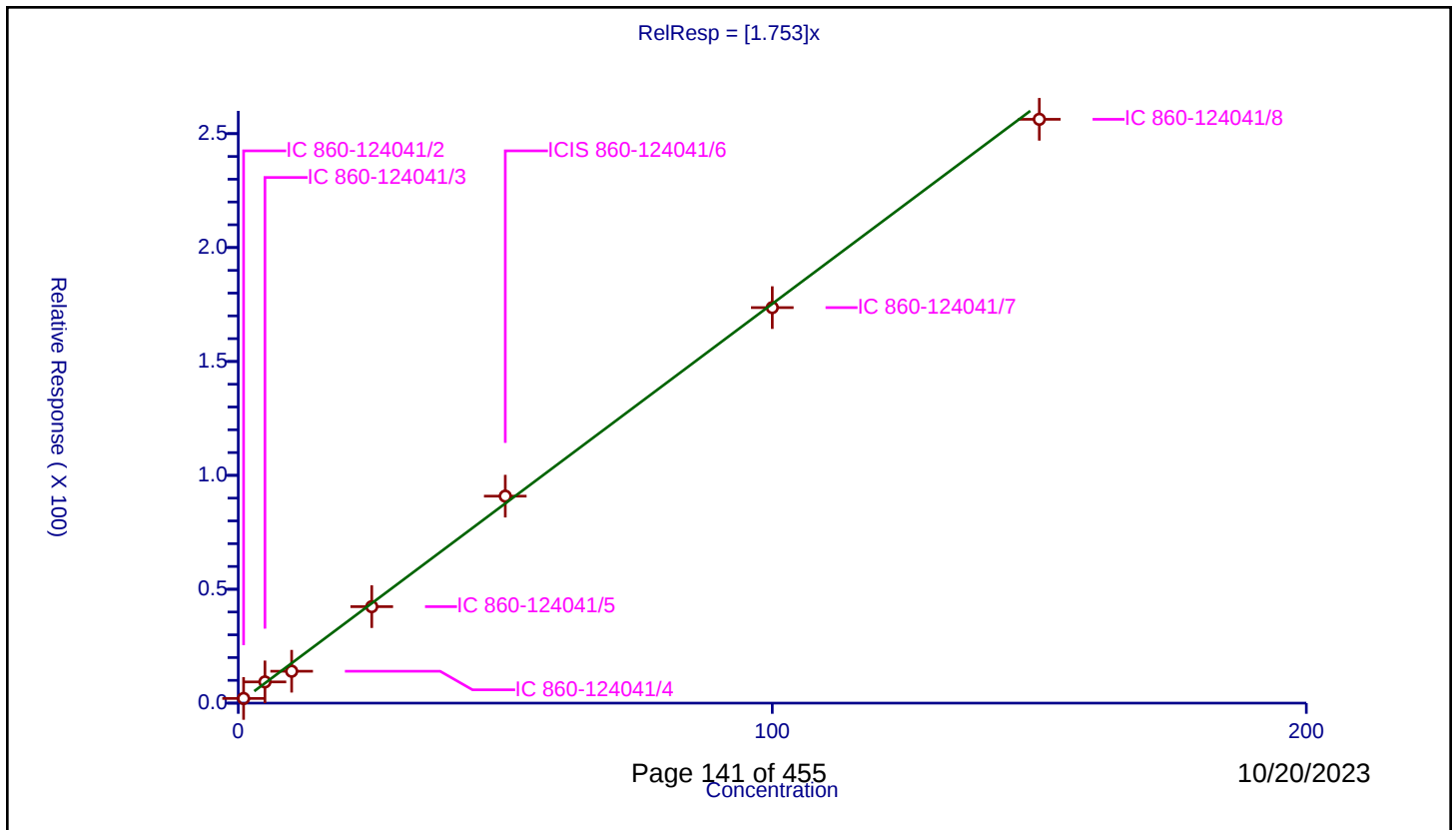
Curve Coefficients

Intercept: 0
Slope: 1.753

Error Coefficients

Standard Error: 1070000
Relative Standard Error: 11.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.050973	50.0	397665.0	2.050973	Y
2	IC 860-124041/3	5.0	9.317797	50.0	381807.0	1.863559	Y
3	IC 860-124041/4	10.0	13.999704	50.0	391544.0	1.39997	Y
4	IC 860-124041/5	25.0	42.35011	50.0	397875.0	1.694004	Y
5	ICIS 860-124041/6	50.0	90.865867	50.0	399819.0	1.817317	Y
6	IC 860-124041/7	100.0	173.640416	50.0	399295.0	1.736404	Y
7	IC 860-124041/8	150.0	256.309304	50.0	405853.0	1.708729	Y



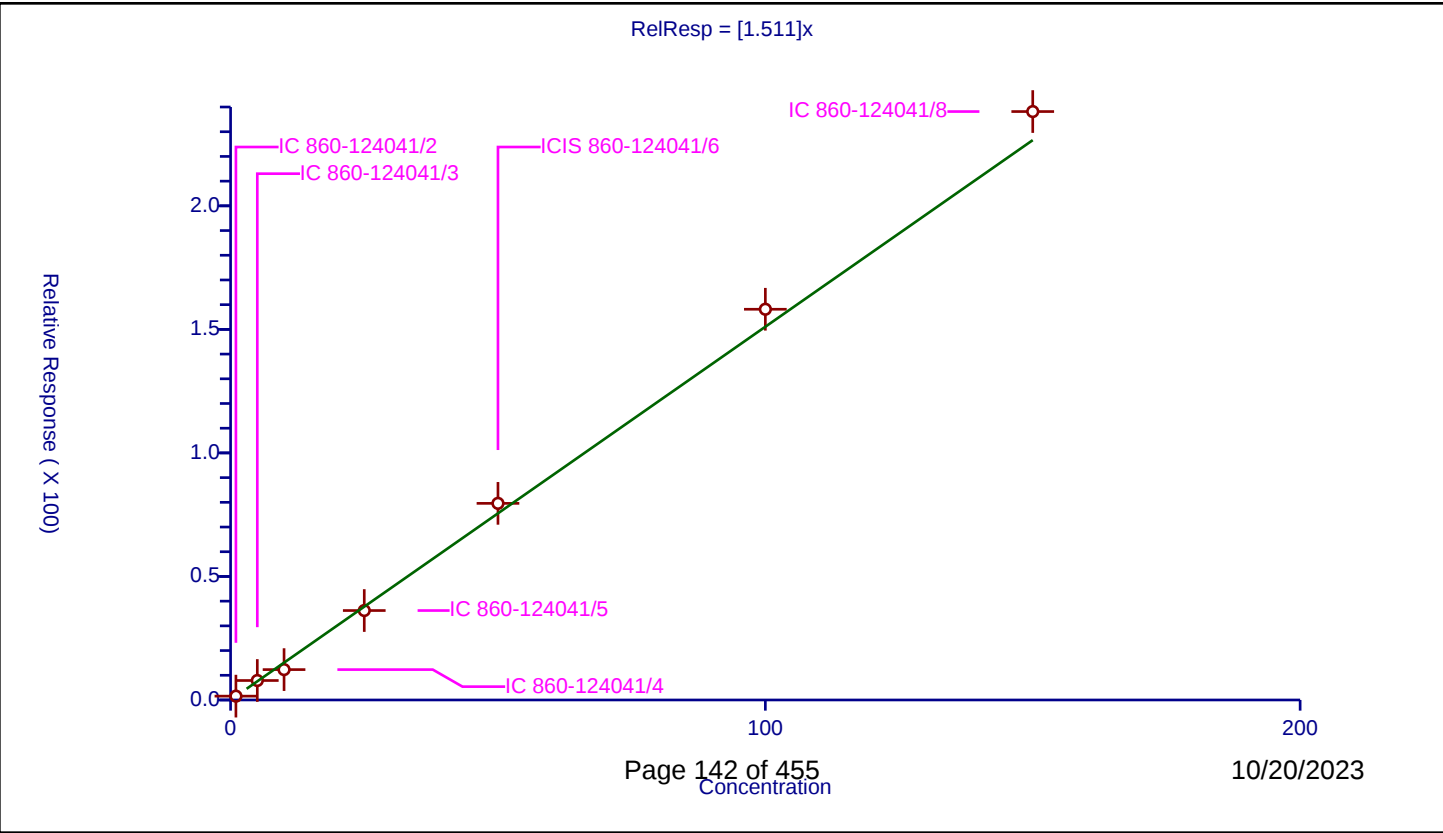
Calibration

/ 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:	1.511
Error Coefficients	
Standard Error:	986000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.55973	50.0	397665.0	1.55973	Y
2	IC 860-124041/3	5.0	7.880945	50.0	381807.0	1.576189	Y
3	IC 860-124041/4	10.0	12.295553	50.0	391544.0	1.229555	Y
4	IC 860-124041/5	25.0	36.201445	50.0	397875.0	1.448058	Y
5	ICIS 860-124041/6	50.0	79.587513	50.0	399819.0	1.59175	Y
6	IC 860-124041/7	100.0	158.147109	50.0	399295.0	1.581471	Y
7	IC 860-124041/8	150.0	238.160615	50.0	405853.0	1.587737	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

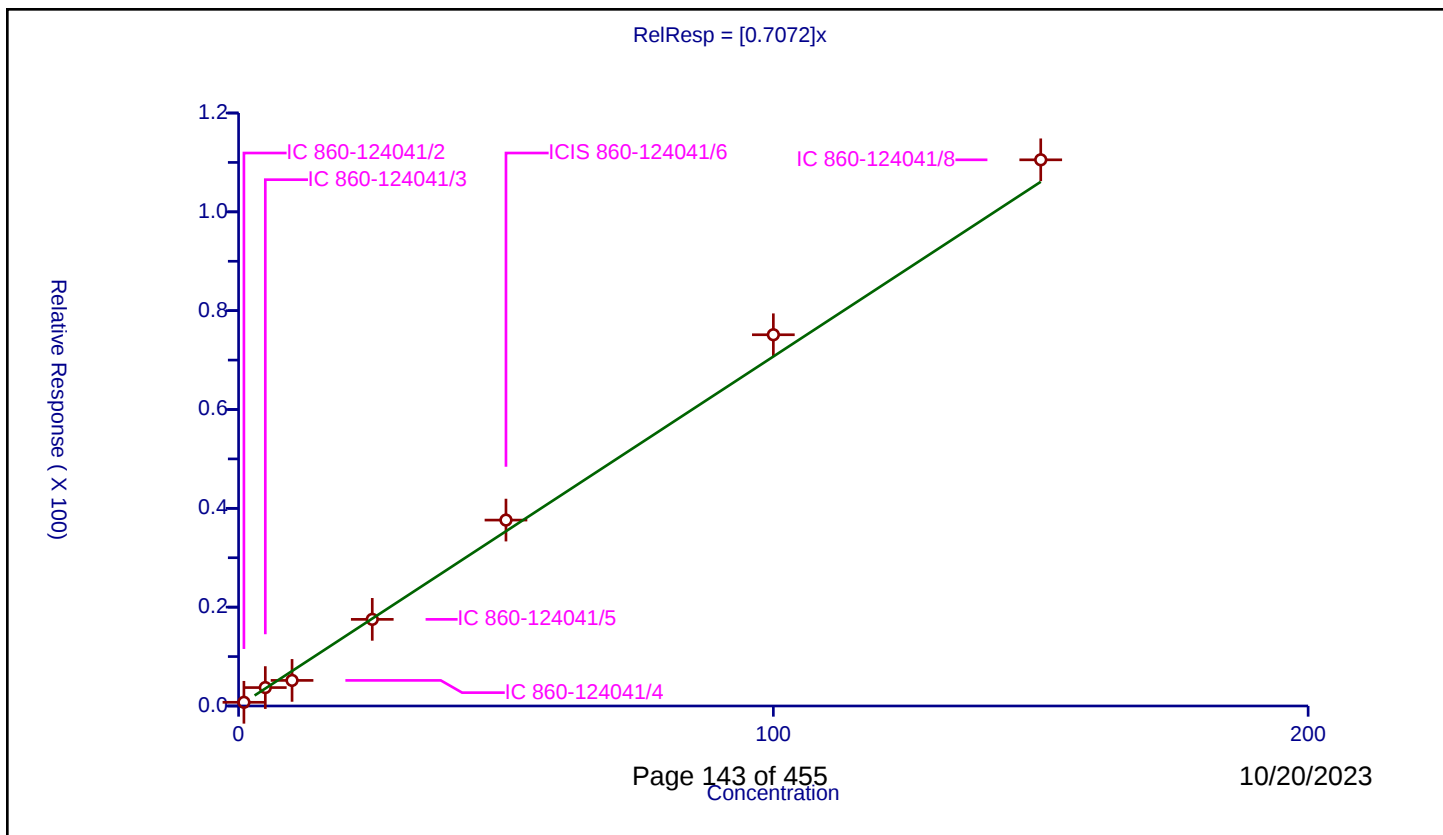
Curve Coefficients

Intercept: 0
Slope: 0.7072

Error Coefficients

Standard Error: 461000
Relative Standard Error: 12.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.745351	50.0	397665.0	0.745351	Y
2	IC 860-124041/3	5.0	3.727669	50.0	381807.0	0.745534	Y
3	IC 860-124041/4	10.0	5.177324	50.0	391544.0	0.517732	Y
4	IC 860-124041/5	25.0	17.53126	50.0	397875.0	0.70125	Y
5	ICIS 860-124041/6	50.0	37.623275	50.0	399819.0	0.752465	Y
6	IC 860-124041/7	100.0	75.128789	50.0	399295.0	0.751288	Y
7	IC 860-124041/8	150.0	110.531522	50.0	405853.0	0.736877	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

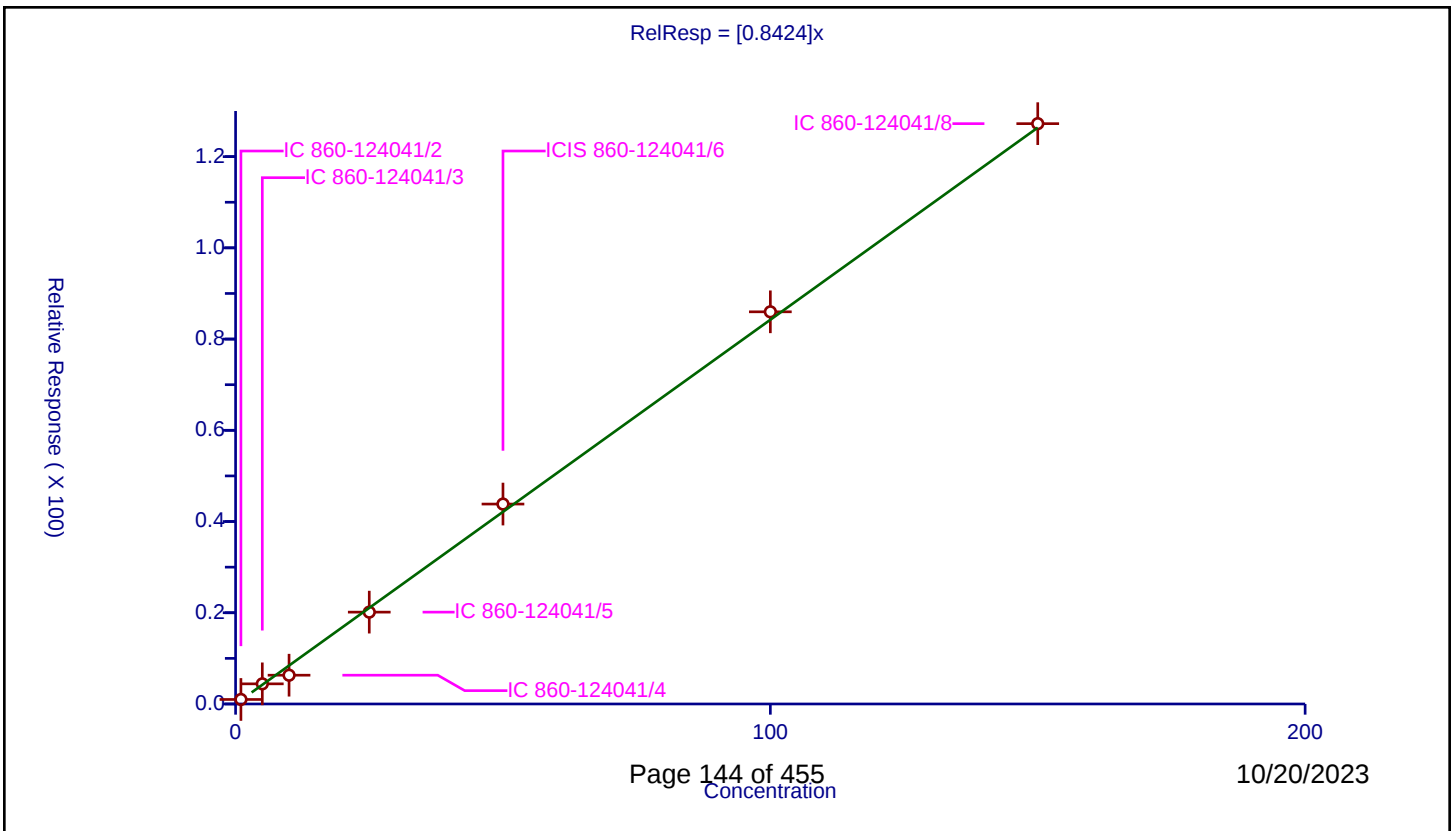
Curve Coefficients

Intercept: 0
Slope: 0.8424

Error Coefficients

Standard Error: 531000
Relative Standard Error: 12.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.991412	50.0	397665.0	0.991412	Y
2	IC 860-124041/3	5.0	4.419118	50.0	381807.0	0.883824	Y
3	IC 860-124041/4	10.0	6.313594	50.0	391544.0	0.631359	Y
4	IC 860-124041/5	25.0	20.138109	50.0	397875.0	0.805524	Y
5	ICIS 860-124041/6	50.0	43.831709	50.0	399819.0	0.876634	Y
6	IC 860-124041/7	100.0	85.978788	50.0	399295.0	0.859788	Y
7	IC 860-124041/8	150.0	127.227346	50.0	405853.0	0.848182	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

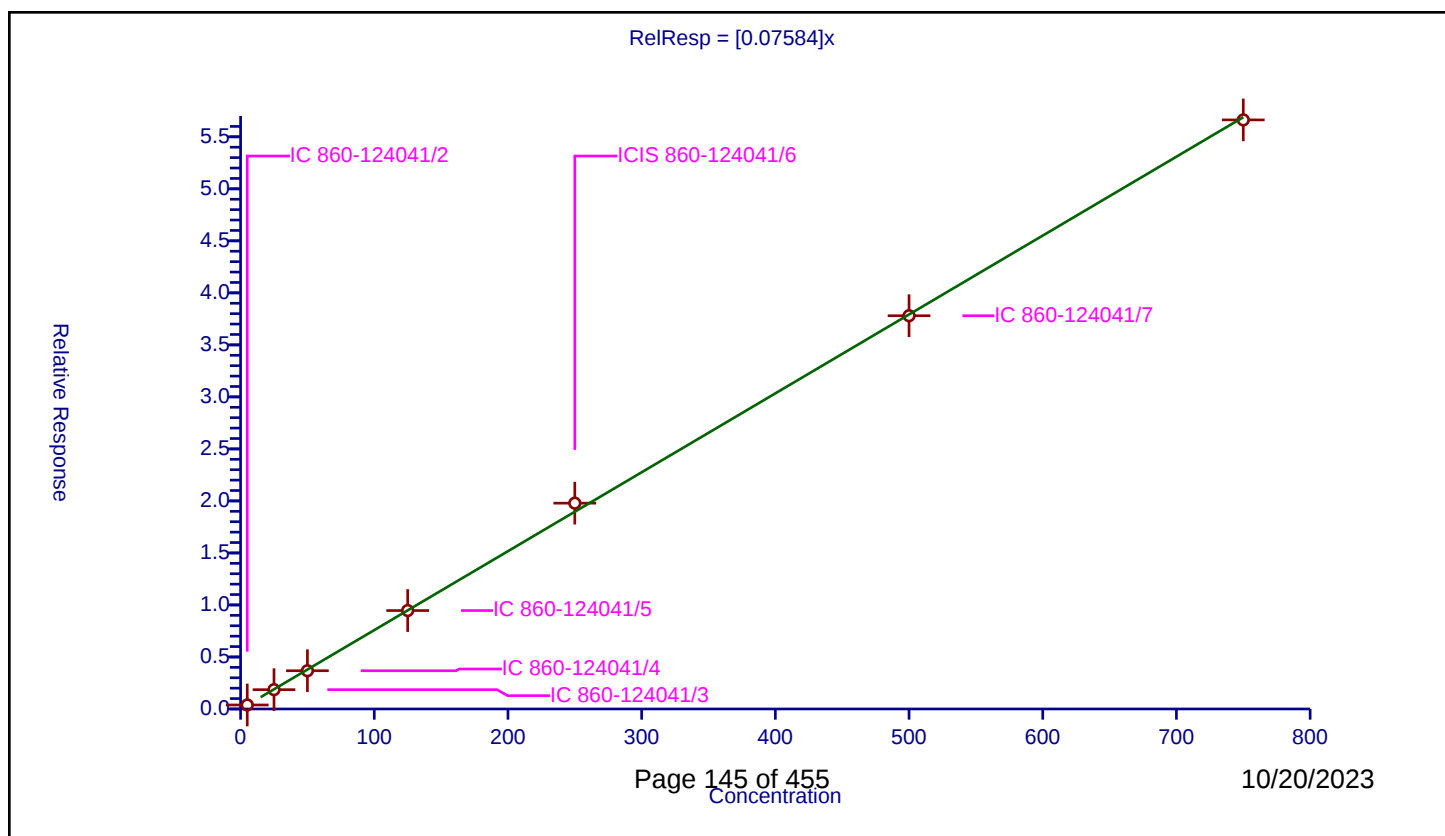
Curve Coefficients

Intercept: 0
Slope: 0.07584

Error Coefficients

Standard Error: 236000
Relative Standard Error: 2.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	5.0	0.385626	50.0	397665.0	0.077125	Y
2	IC 860-124041/3	25.0	1.85709	50.0	381807.0	0.074284	Y
3	IC 860-124041/4	50.0	3.677364	50.0	391544.0	0.073547	Y
4	IC 860-124041/5	125.0	9.463525	50.0	397875.0	0.075708	Y
5	ICIS 860-124041/6	250.0	19.786078	50.0	399819.0	0.079144	Y
6	IC 860-124041/7	500.0	37.802251	50.0	399295.0	0.075605	Y
7	IC 860-124041/8	750.0	56.625059	50.0	405853.0	0.0755	Y



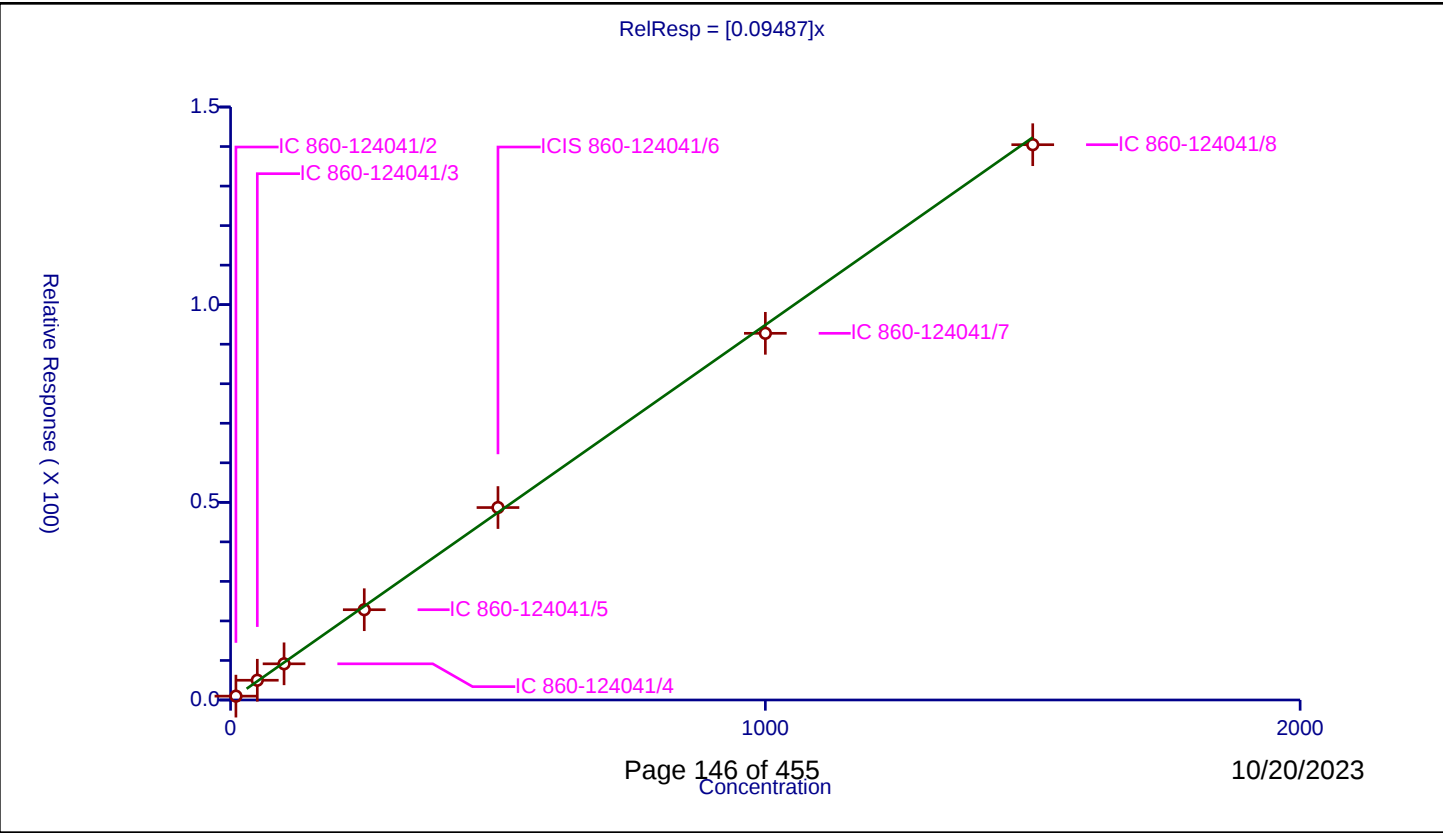
Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09487
Error Coefficients	
Standard Error:	583000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	10.0	0.975947	50.0	397665.0	0.097595	Y
2	IC 860-124041/3	50.0	4.995194	50.0	381807.0	0.099904	Y
3	IC 860-124041/4	100.0	9.149546	50.0	391544.0	0.091495	Y
4	IC 860-124041/5	250.0	22.83858	50.0	397875.0	0.091354	Y
5	ICIS 860-124041/6	500.0	48.678402	50.0	399819.0	0.097357	Y
6	IC 860-124041/7	1000.0	92.75761	50.0	399295.0	0.092758	Y
7	IC 860-124041/8	1500.0	140.466376	50.0	405853.0	0.093644	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

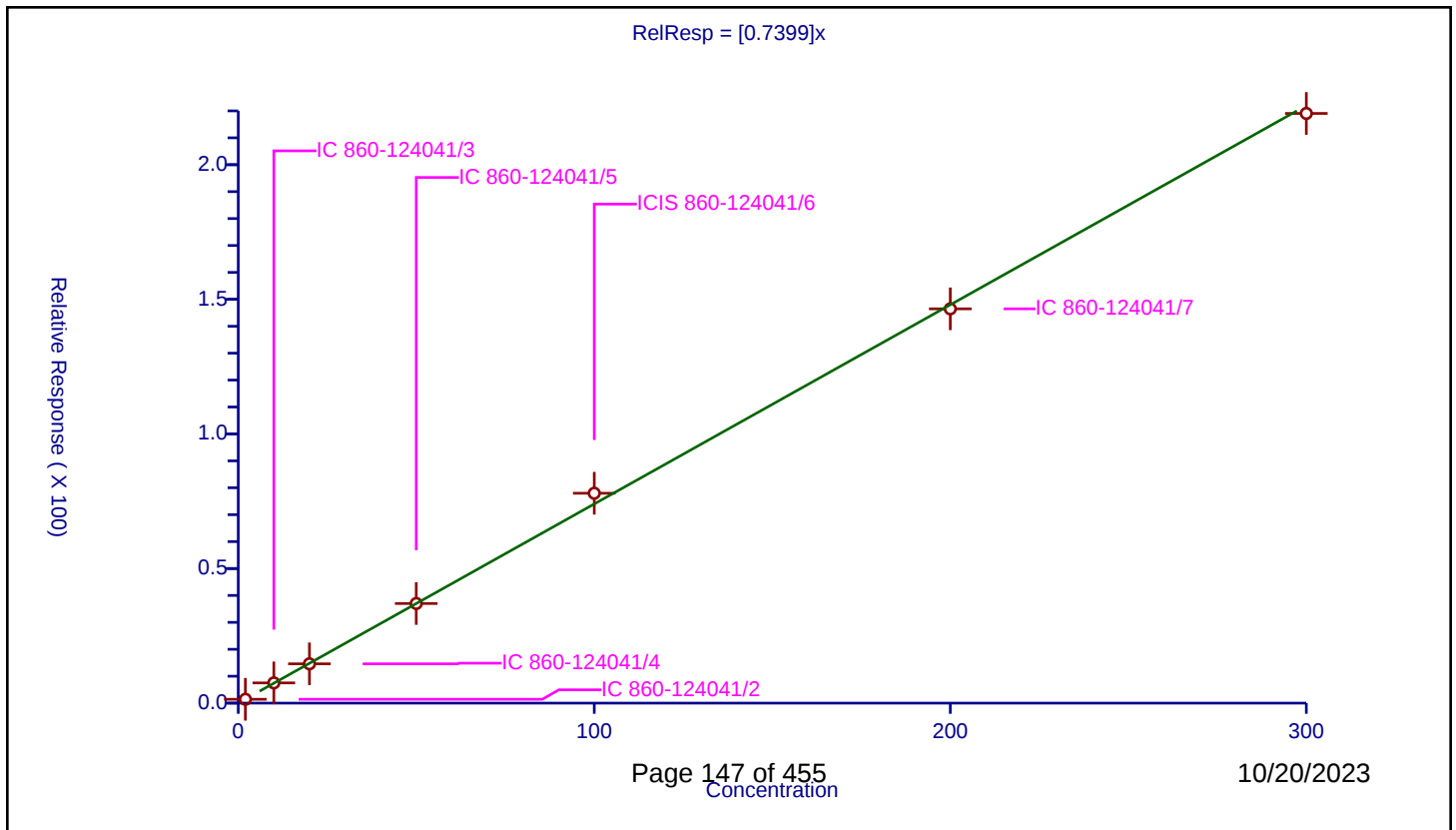
Curve Coefficients

Intercept: 0
Slope: 0.7399

Error Coefficients

Standard Error: 915000
Relative Standard Error: 2.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	2.0	1.431858	50.0	397665.0	0.715929	Y
2	IC 860-124041/3	10.0	7.510994	50.0	381807.0	0.751099	Y
3	IC 860-124041/4	20.0	14.593507	50.0	391544.0	0.729675	Y
4	IC 860-124041/5	50.0	37.010242	50.0	397875.0	0.740205	Y
5	ICIS 860-124041/6	100.0	77.970782	50.0	399819.0	0.779708	Y
6	IC 860-124041/7	200.0	146.469778	50.0	399295.0	0.732349	Y
7	IC 860-124041/8	300.0	219.052958	50.0	405853.0	0.730177	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

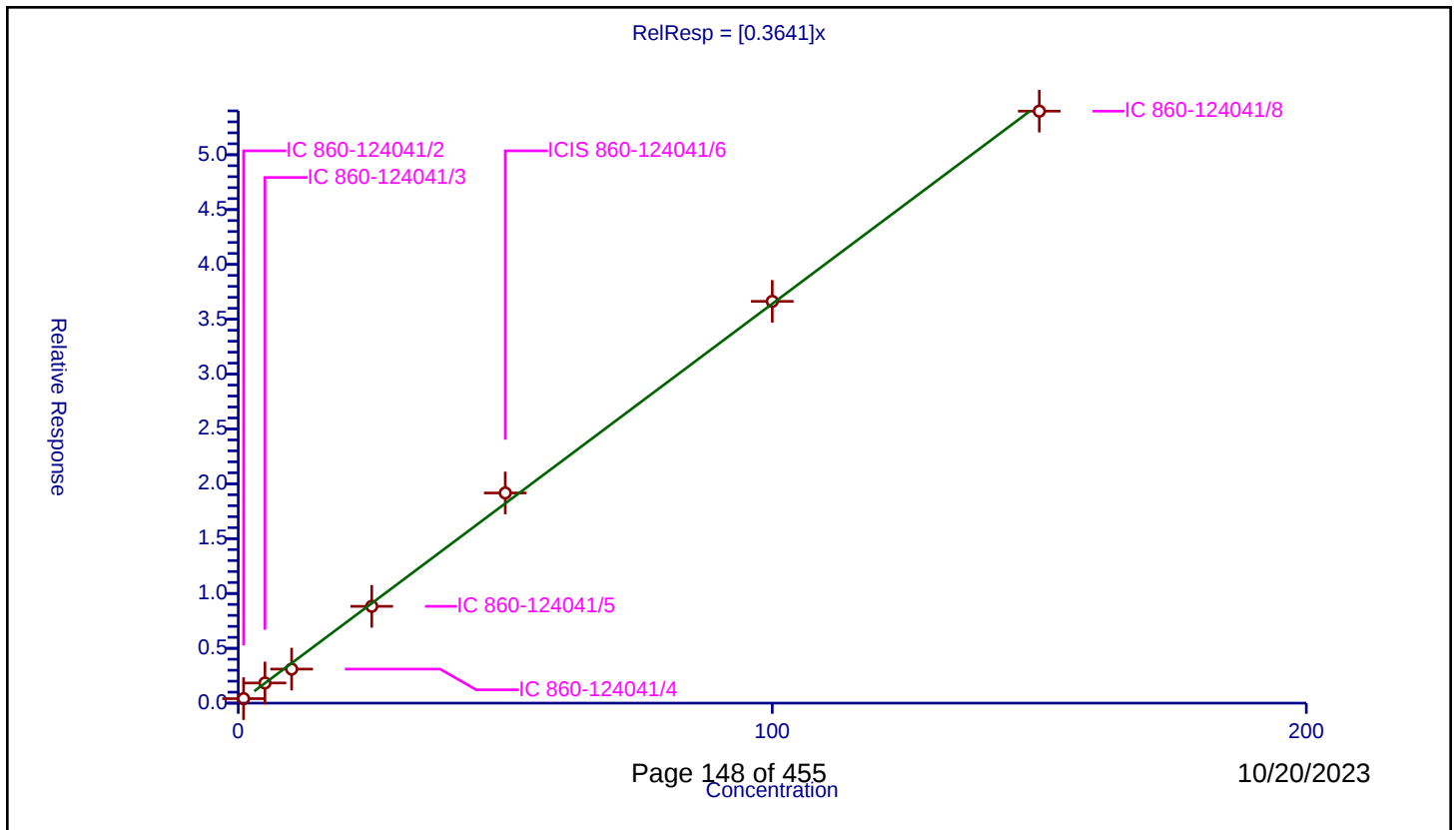
Curve Coefficients

Intercept: 0
Slope: 0.3641

Error Coefficients

Standard Error: 226000
Relative Standard Error: 8.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.40851	50.0	397665.0	0.40851	Y
2	IC 860-124041/3	5.0	1.837316	50.0	381807.0	0.367463	Y
3	IC 860-124041/4	10.0	3.105654	50.0	391544.0	0.310565	Y
4	IC 860-124041/5	25.0	8.826516	50.0	397875.0	0.353061	Y
5	ICIS 860-124041/6	50.0	19.161921	50.0	399819.0	0.383238	Y
6	IC 860-124041/7	100.0	36.632064	50.0	399295.0	0.366321	Y
7	IC 860-124041/8	150.0	53.975947	50.0	405853.0	0.35984	Y



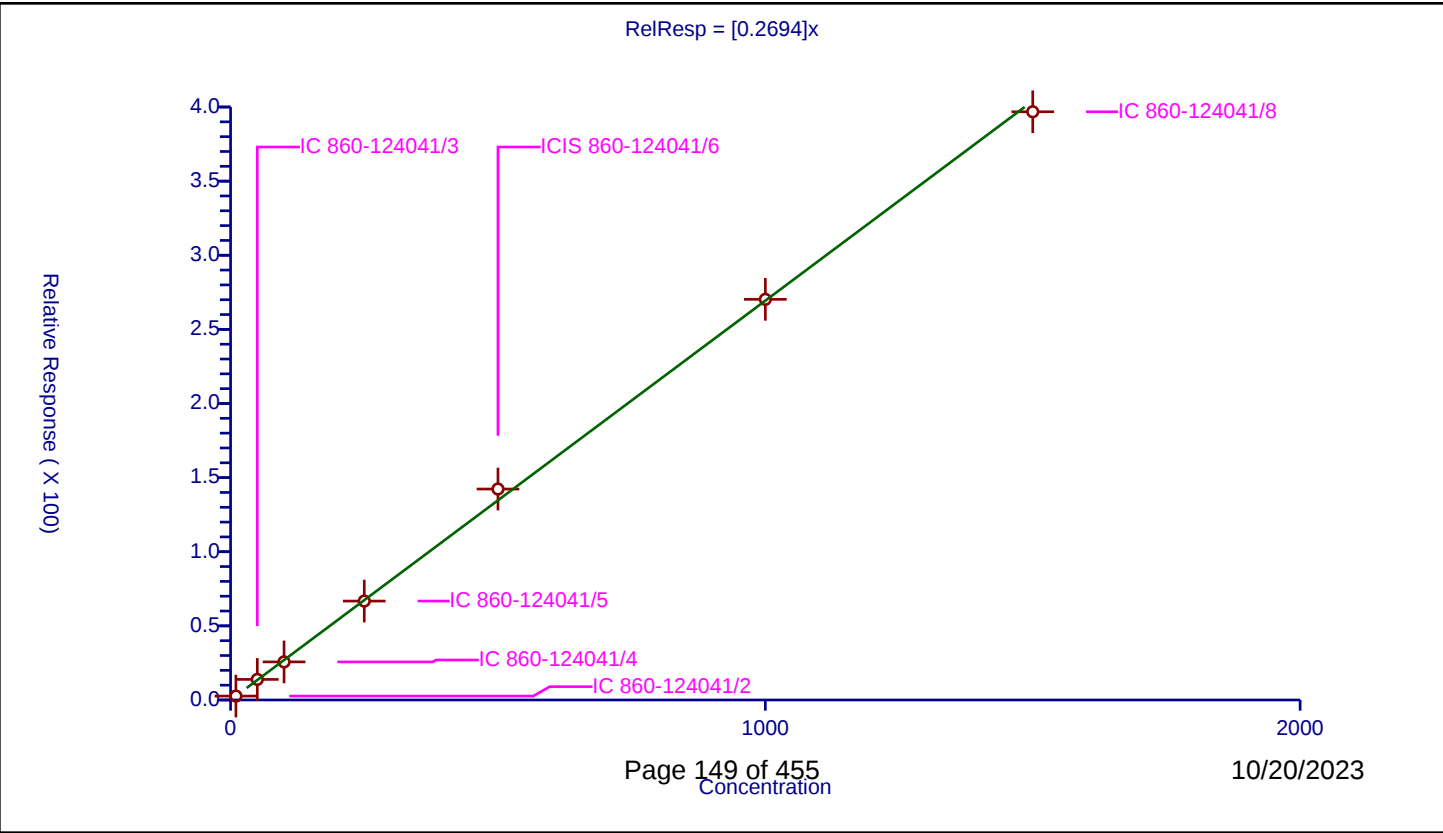
Calibration

/ 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:	0.2694
Error Coefficients	
Standard Error:	1670000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	10.0	2.646197	50.0	397665.0	0.26462	Y
2	IC 860-124041/3	50.0	13.885288	50.0	381807.0	0.277706	Y
3	IC 860-124041/4	100.0	25.702092	50.0	391544.0	0.257021	Y
4	IC 860-124041/5	250.0	66.722589	50.0	397875.0	0.26689	Y
5	ICIS 860-124041/6	500.0	142.296889	50.0	399819.0	0.284594	Y
6	IC 860-124041/7	1000.0	270.273983	50.0	399295.0	0.270274	Y
7	IC 860-124041/8	1500.0	396.795391	50.0	405853.0	0.26453	Y



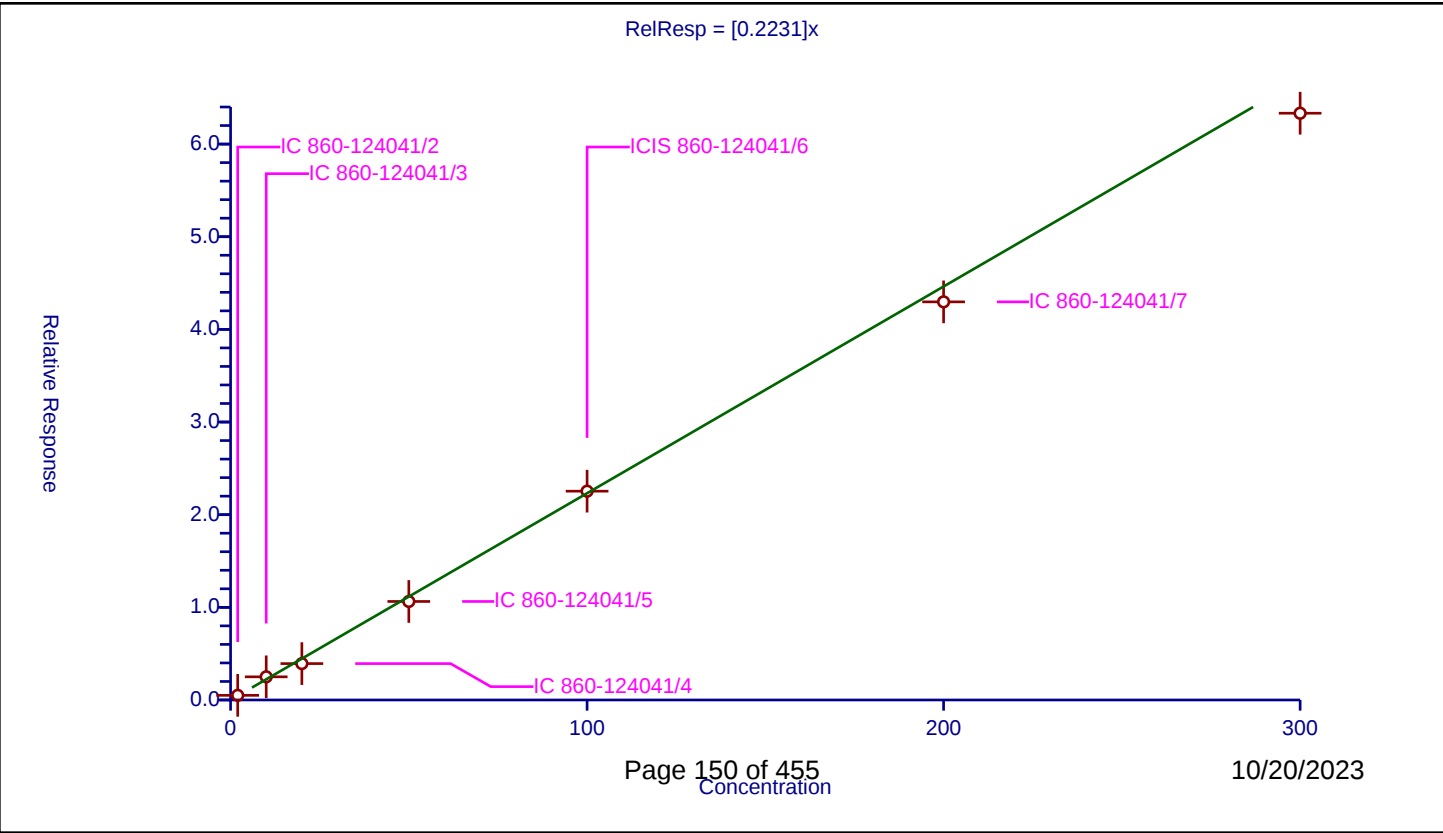
Calibration

/ 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:	0.2231
Error Coefficients	
Standard Error:	265000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	2.0	0.503313	50.0	397665.0	0.251657	Y
2	IC 860-124041/3	10.0	2.499299	50.0	381807.0	0.24993	Y
3	IC 860-124041/4	20.0	3.928422	50.0	391544.0	0.196421	Y
4	IC 860-124041/5	50.0	10.634244	50.0	397875.0	0.212685	Y
5	ICIS 860-124041/6	100.0	22.537948	50.0	399819.0	0.225379	Y
6	IC 860-124041/7	200.0	42.968858	50.0	399295.0	0.214844	Y
7	IC 860-124041/8	300.0	63.330073	50.0	405853.0	0.2111	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

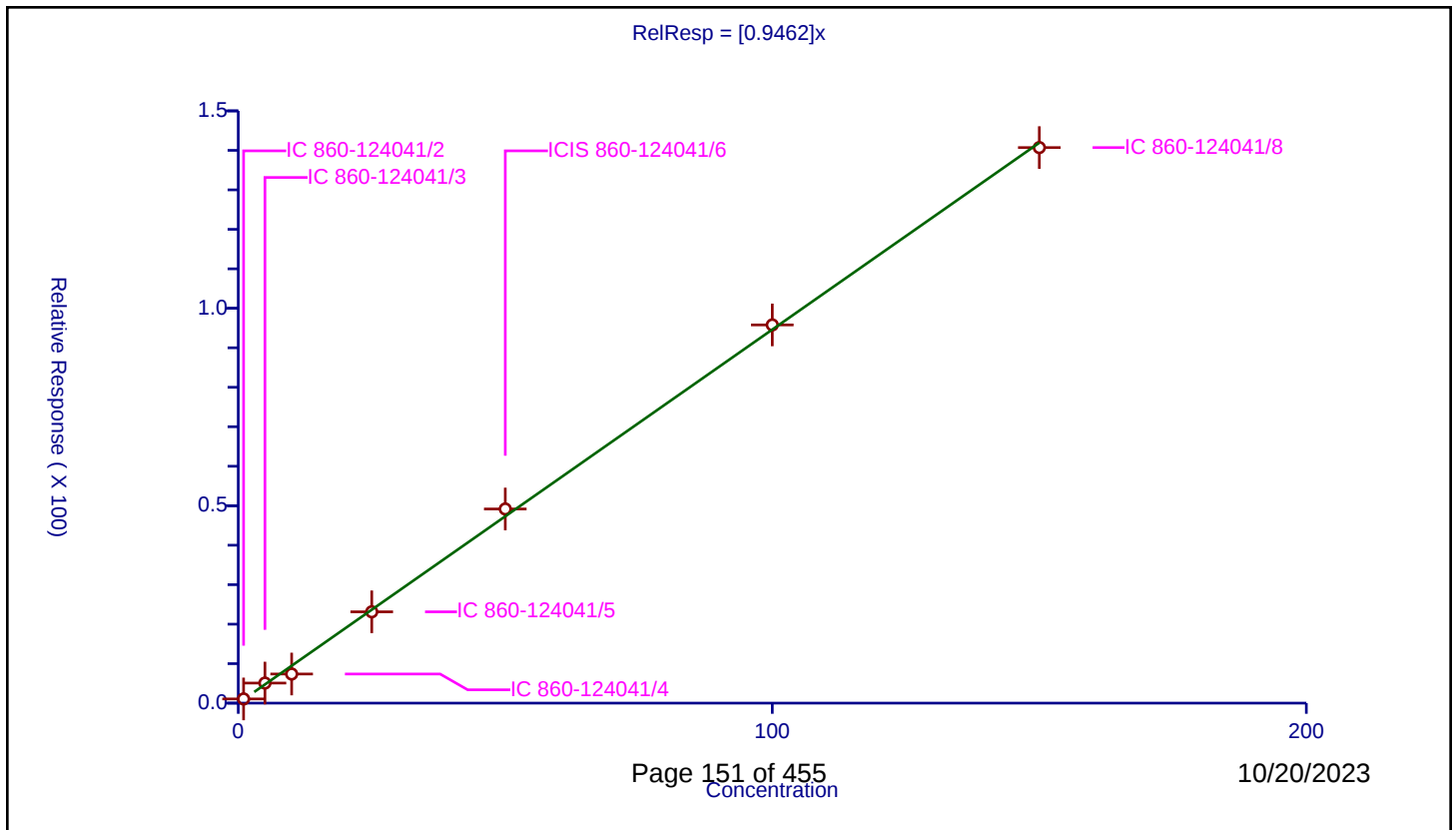
Curve Coefficients

Intercept: 0
Slope: 0.9462

Error Coefficients

Standard Error: 589000
Relative Standard Error: 10.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.064087	50.0	397665.0	1.064087	Y
2	IC 860-124041/3	5.0	5.083327	50.0	381807.0	1.016665	Y
3	IC 860-124041/4	10.0	7.376949	50.0	391544.0	0.737695	Y
4	IC 860-124041/5	25.0	23.130254	50.0	397875.0	0.92521	Y
5	ICIS 860-124041/6	50.0	49.174877	50.0	399819.0	0.983498	Y
6	IC 860-124041/7	100.0	95.789704	50.0	399295.0	0.957897	Y
7	IC 860-124041/8	150.0	140.70698	50.0	405853.0	0.938047	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

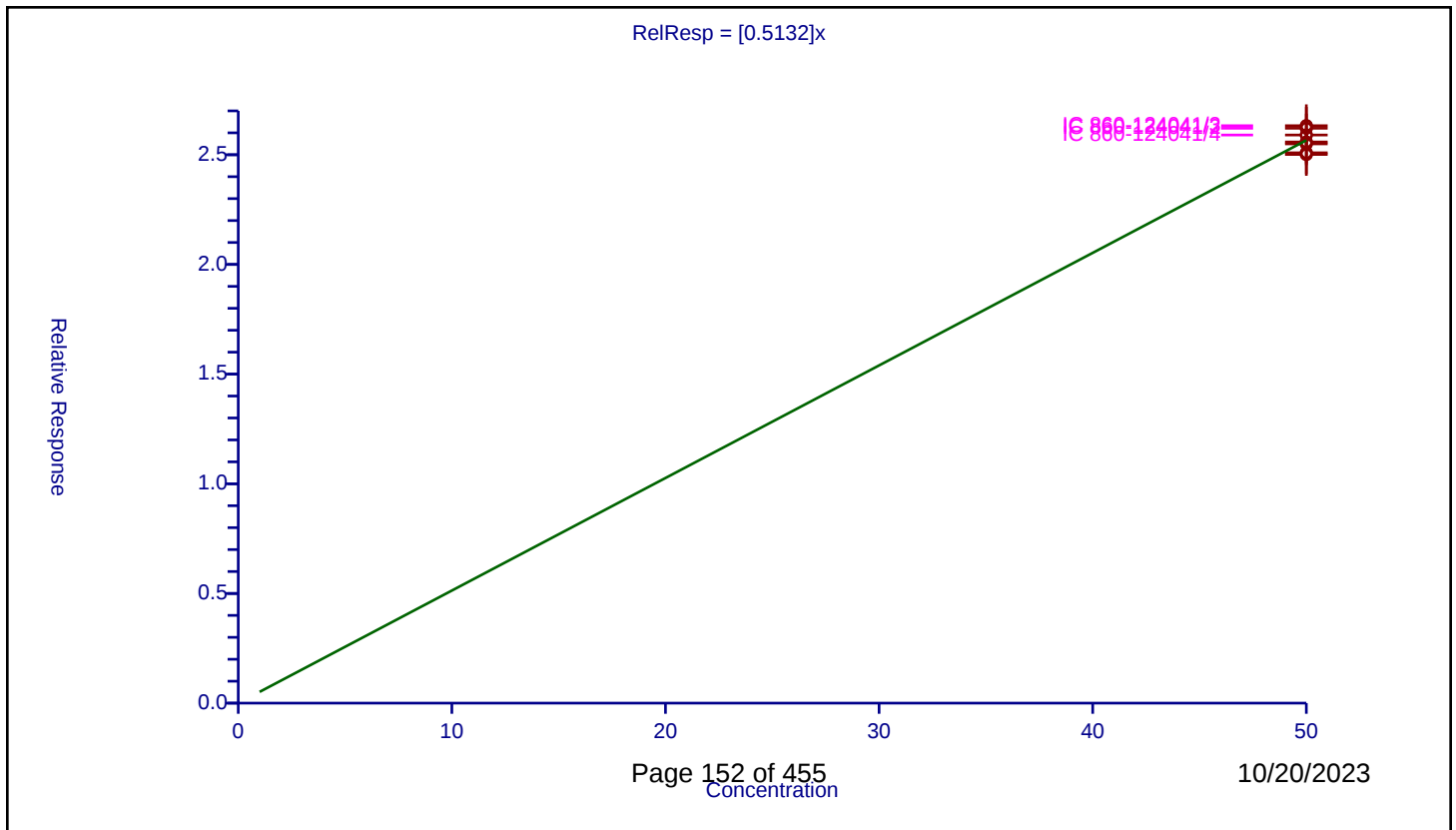
Curve Coefficients

Intercept: 0
Slope: 0.5132

Error Coefficients

Standard Error: 220000
Relative Standard Error: 2.0
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	50.0	26.207863	50.0	397665.0	0.524157	Y
2	IC 860-124041/3	50.0	26.324426	50.0	381807.0	0.526489	Y
3	IC 860-124041/4	50.0	25.900154	50.0	391544.0	0.518003	Y
4	IC 860-124041/5	50.0	25.582909	50.0	397875.0	0.511658	Y
5	ICIS 860-124041/6	50.0	25.495912	50.0	399819.0	0.509918	Y
6	IC 860-124041/7	50.0	25.012334	50.0	399295.0	0.500247	Y
7	IC 860-124041/8	50.0	25.090365	50.0	405853.0	0.501807	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

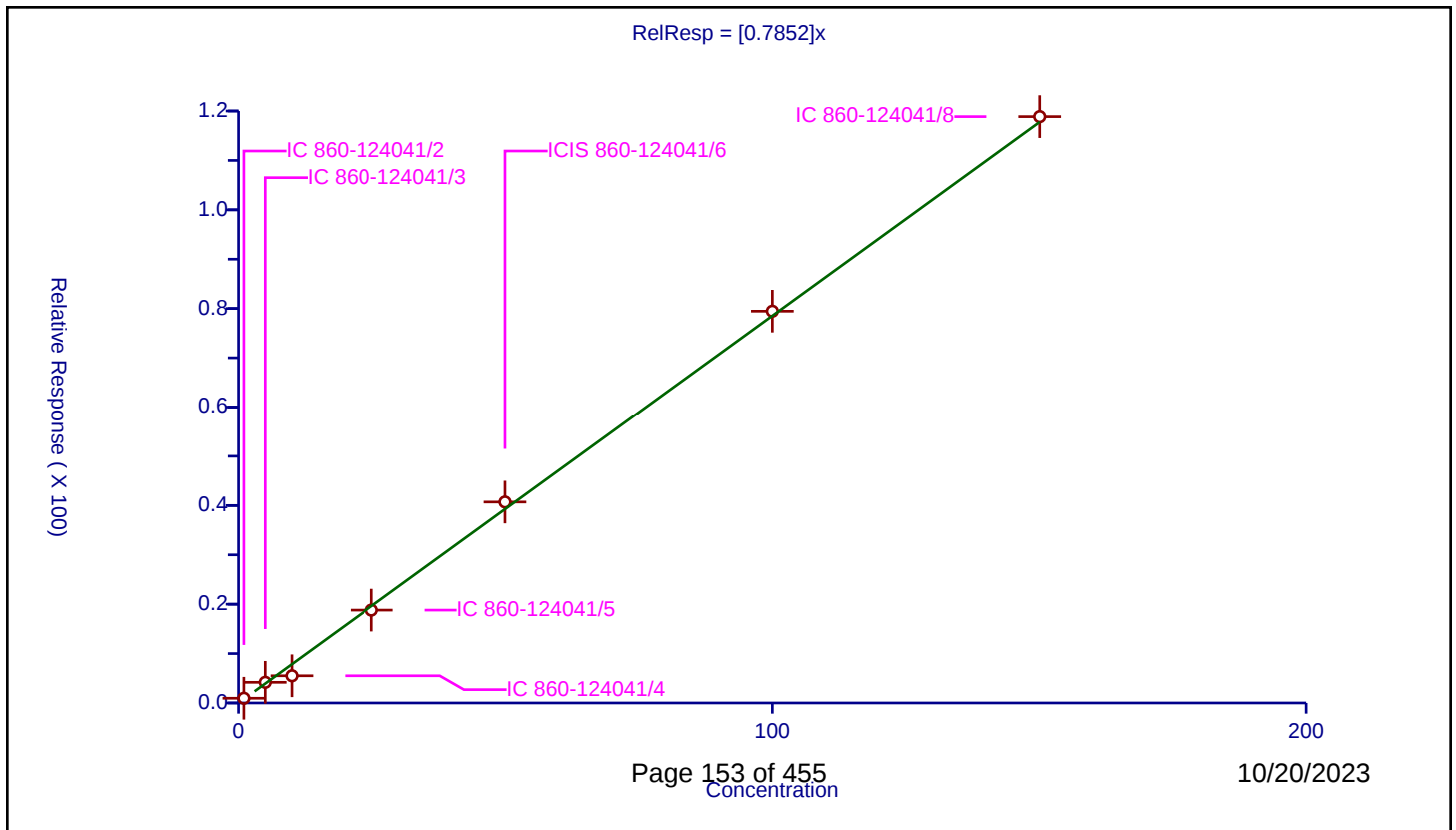
Curve Coefficients

Intercept: 0
Slope: 0.7852

Error Coefficients

Standard Error: 494000
Relative Standard Error: 15.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.955578	50.0	397665.0	0.955578	Y
2	IC 860-124041/3	5.0	4.185754	50.0	381807.0	0.837151	Y
3	IC 860-124041/4	10.0	5.505384	50.0	391544.0	0.550538	Y
4	IC 860-124041/5	25.0	18.802639	50.0	397875.0	0.752106	Y
5	ICIS 860-124041/6	50.0	40.710672	50.0	399819.0	0.814213	Y
6	IC 860-124041/7	100.0	79.459798	50.0	399295.0	0.794598	Y
7	IC 860-124041/8	150.0	118.864343	50.0	405853.0	0.792429	Y



Calibration

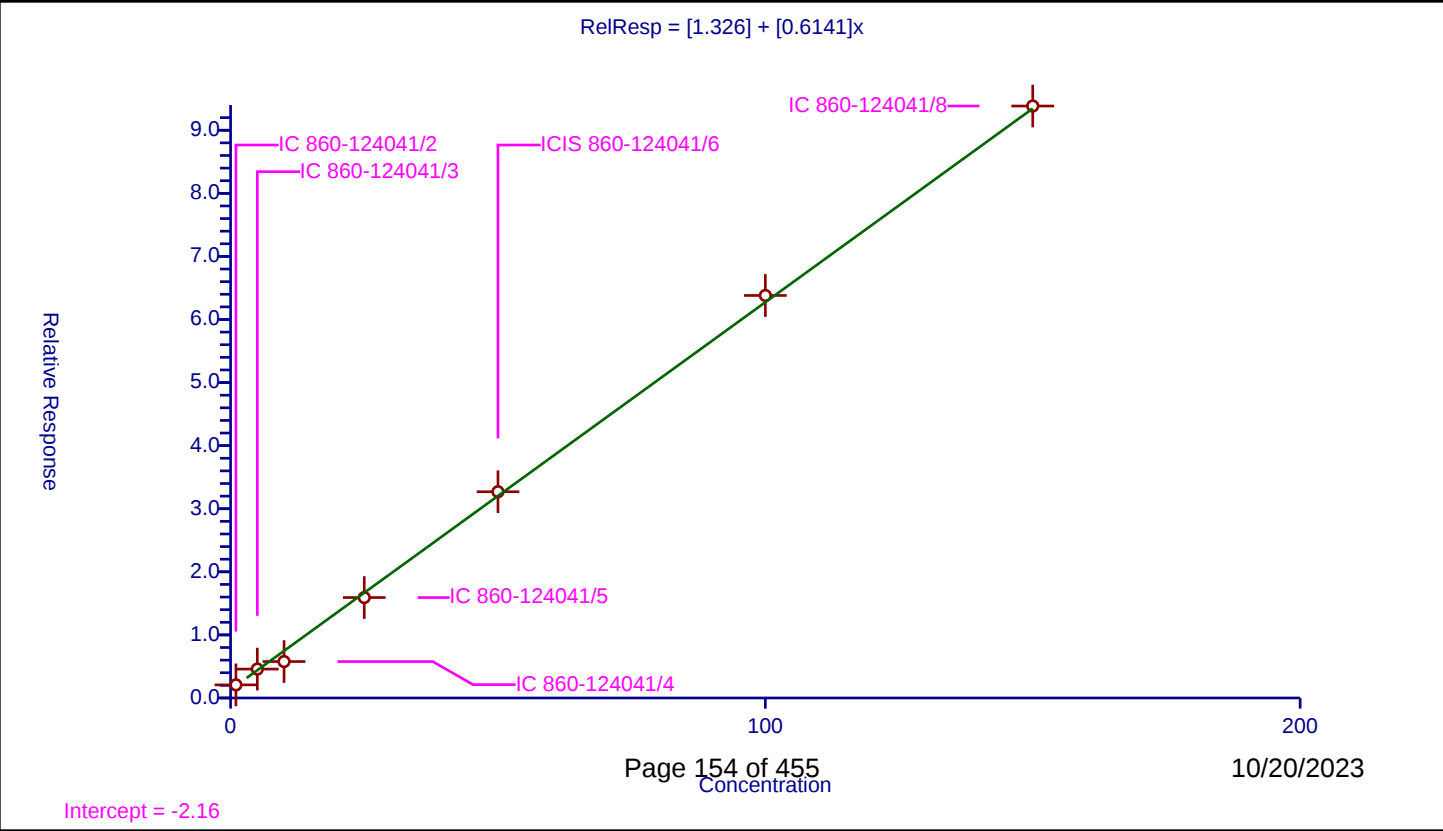
/ Cyclohexane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	1.326
Slope:	0.6141

Error Coefficients	
Standard Error:	431000
Relative Standard Error:	16.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.076119	50.0	397665.0	2.076119	Y
2	IC 860-124041/3	5.0	4.580456	50.0	381807.0	0.916091	Y
3	IC 860-124041/4	10.0	5.775852	50.0	391544.0	0.577585	Y
4	IC 860-124041/5	25.0	15.921458	50.0	397875.0	0.636858	Y
5	ICIS 860-124041/6	50.0	32.694794	50.0	399819.0	0.653896	Y
6	IC 860-124041/7	100.0	63.808588	50.0	399295.0	0.638086	Y
7	IC 860-124041/8	150.0	93.841243	50.0	405853.0	0.625608	Y



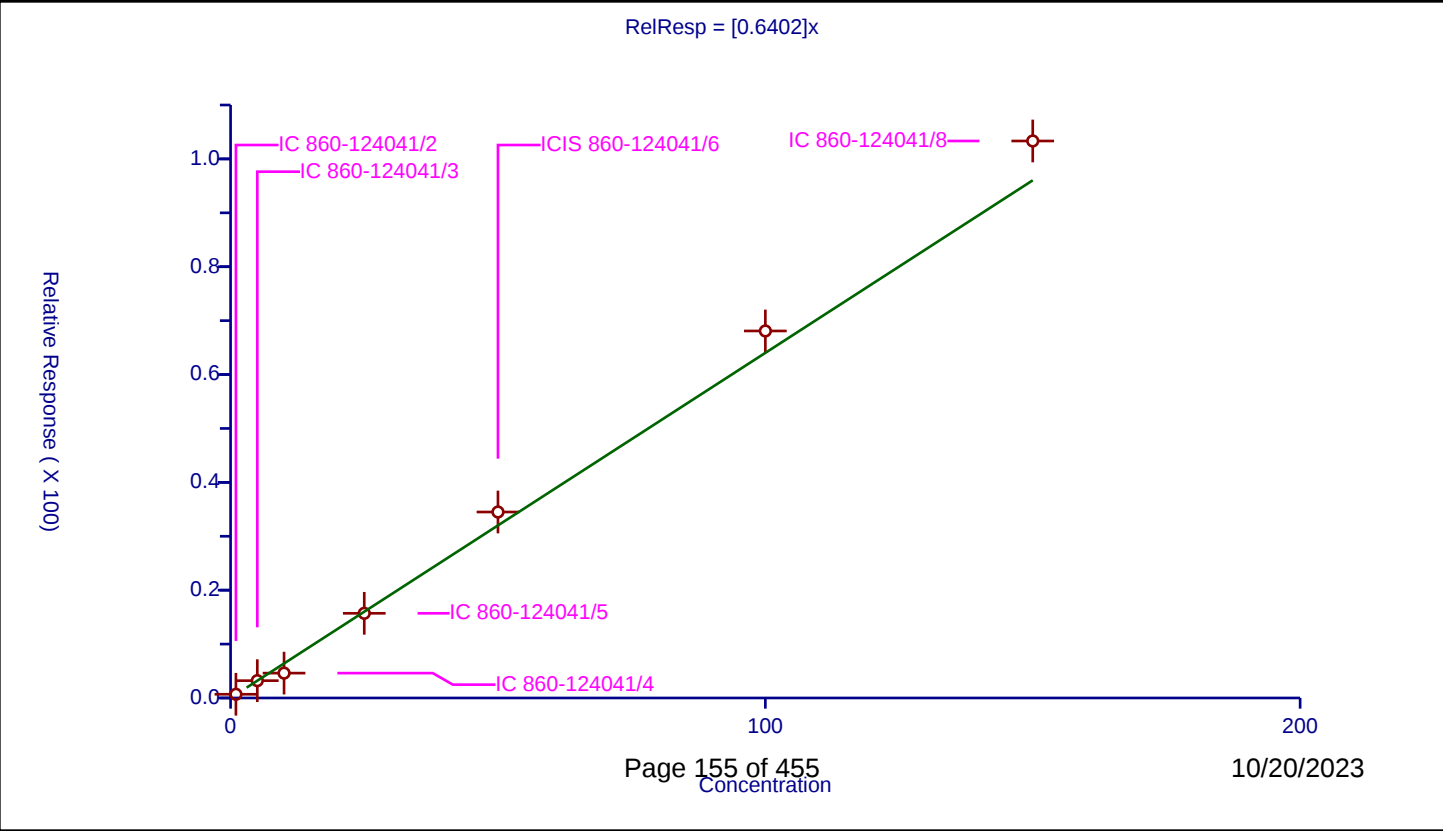
Calibration

/ 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:	0.6402
Error Coefficients	
Standard Error:	427000
Relative Standard Error:	12.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.689399	50.0	397665.0	0.689399	Y
2	IC 860-124041/3	5.0	3.213404	50.0	381807.0	0.642681	Y
3	IC 860-124041/4	10.0	4.612764	50.0	391544.0	0.461276	Y
4	IC 860-124041/5	25.0	15.710462	50.0	397875.0	0.628418	Y
5	ICIS 860-124041/6	50.0	34.499236	50.0	399819.0	0.689985	Y
6	IC 860-124041/7	100.0	68.085375	50.0	399295.0	0.680854	Y
7	IC 860-124041/8	150.0	103.325712	50.0	405853.0	0.688838	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

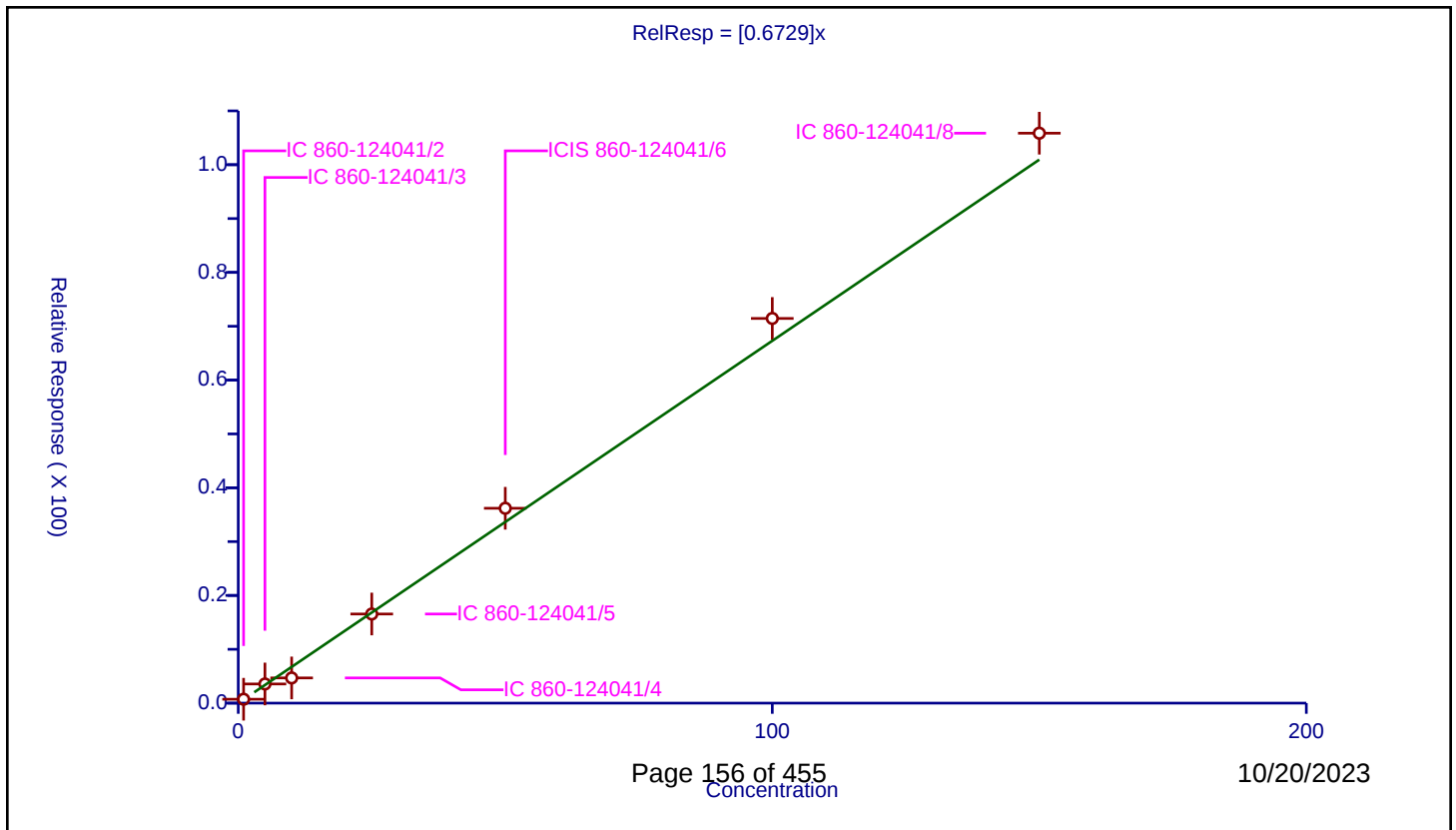
Curve Coefficients

Intercept: 0
Slope: 0.6729

Error Coefficients

Standard Error: 441000
Relative Standard Error: 13.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.72385	50.0	397665.0	0.72385	Y
2	IC 860-124041/3	5.0	3.561354	50.0	381807.0	0.712271	Y
3	IC 860-124041/4	10.0	4.682871	50.0	391544.0	0.468287	Y
4	IC 860-124041/5	25.0	16.552937	50.0	397875.0	0.662117	Y
5	ICIS 860-124041/6	50.0	36.191252	50.0	399819.0	0.723825	Y
6	IC 860-124041/7	100.0	71.451183	50.0	399295.0	0.714512	Y
7	IC 860-124041/8	150.0	105.854829	50.0	405853.0	0.705699	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

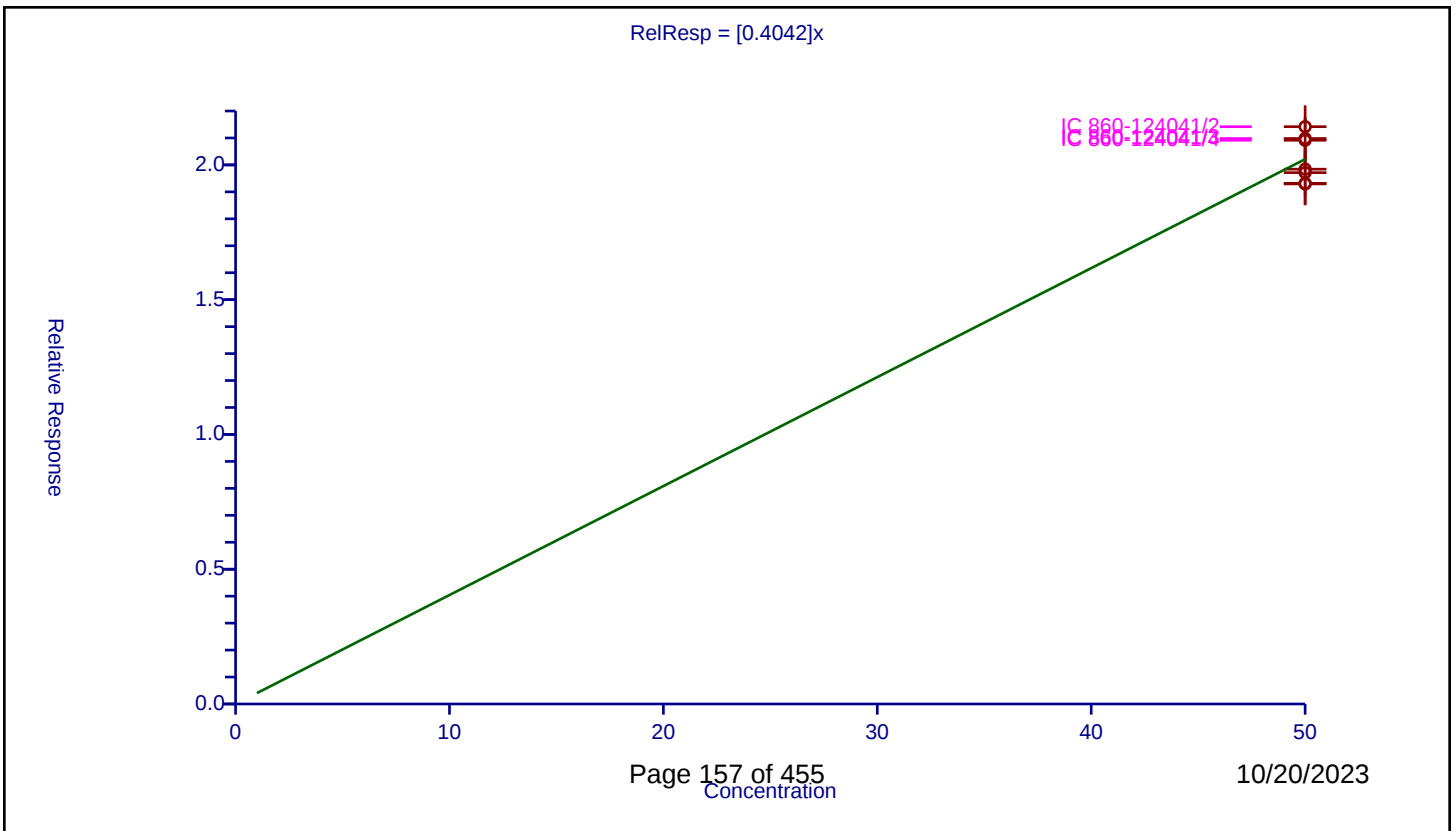
Curve Coefficients

Intercept: 0
Slope: 0.4042

Error Coefficients

Standard Error: 271000
Relative Standard Error: 4.3
Correlation Coefficient: 0
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	50.0	21.418116	50.0	621712.0	0.428362	Y
2	IC 860-124041/3	50.0	20.979642	50.0	604915.0	0.419593	Y
3	IC 860-124041/4	50.0	20.914969	50.0	617278.0	0.418299	Y
4	IC 860-124041/5	50.0	19.84186	50.0	627799.0	0.396837	Y
5	ICIS 860-124041/6	50.0	19.713877	50.0	624243.0	0.394278	Y
6	IC 860-124041/7	50.0	19.31646	50.0	618954.0	0.386329	Y
7	IC 860-124041/8	50.0	19.295469	50.0	623053.0	0.385909	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

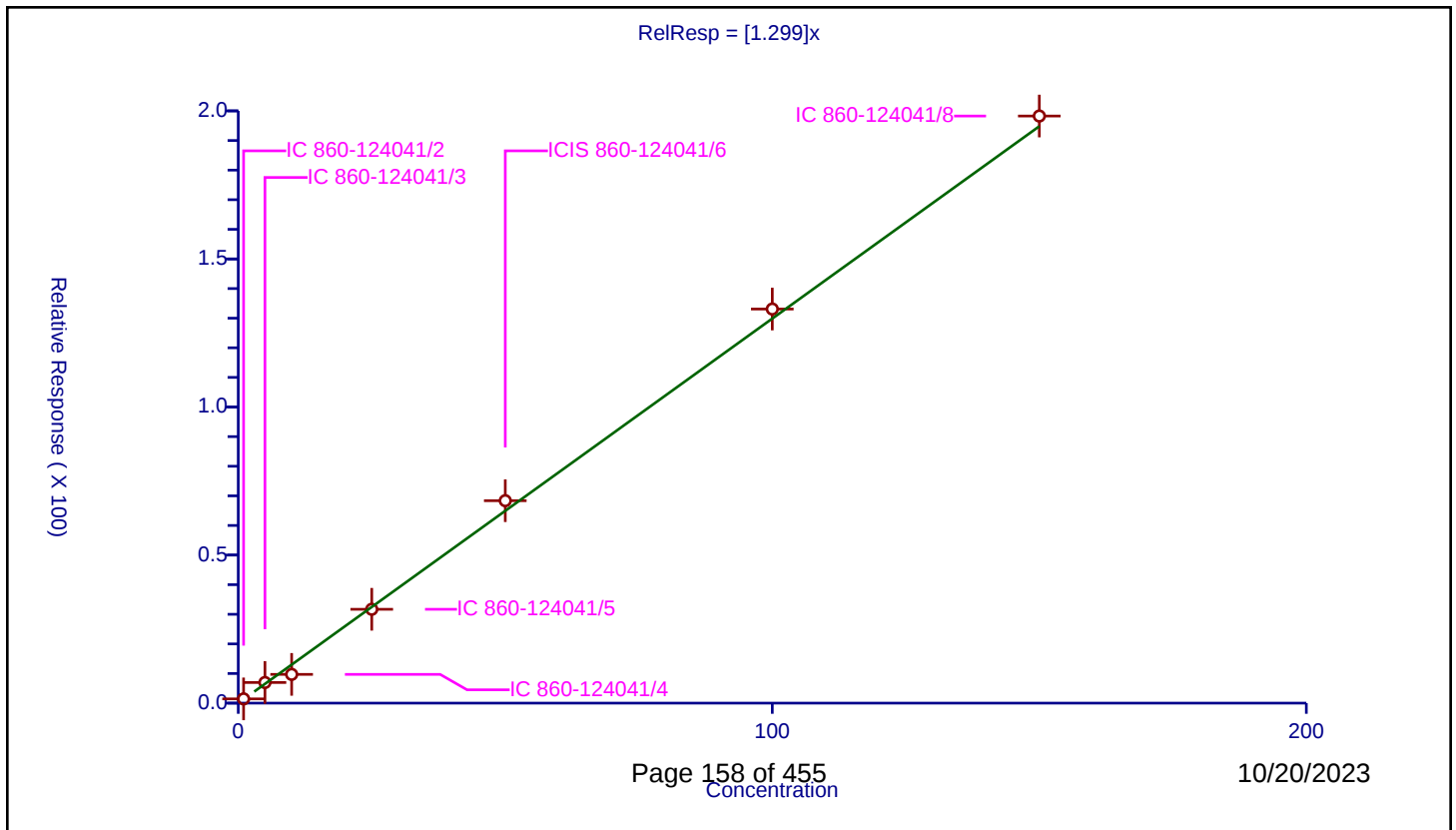
Curve Coefficients

Intercept: 0
Slope: 1.299

Error Coefficients

Standard Error: 1270000
Relative Standard Error: 11.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.438447	50.0	621712.0	1.438447	Y
2	IC 860-124041/3	5.0	6.968913	50.0	604915.0	1.393783	Y
3	IC 860-124041/4	10.0	9.710212	50.0	617278.0	0.971021	Y
4	IC 860-124041/5	25.0	31.690079	50.0	627799.0	1.267603	Y
5	ICIS 860-124041/6	50.0	68.360879	50.0	624243.0	1.367218	Y
6	IC 860-124041/7	100.0	133.08178	50.0	618954.0	1.330818	Y
7	IC 860-124041/8	150.0	198.26652	50.0	623053.0	1.321777	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

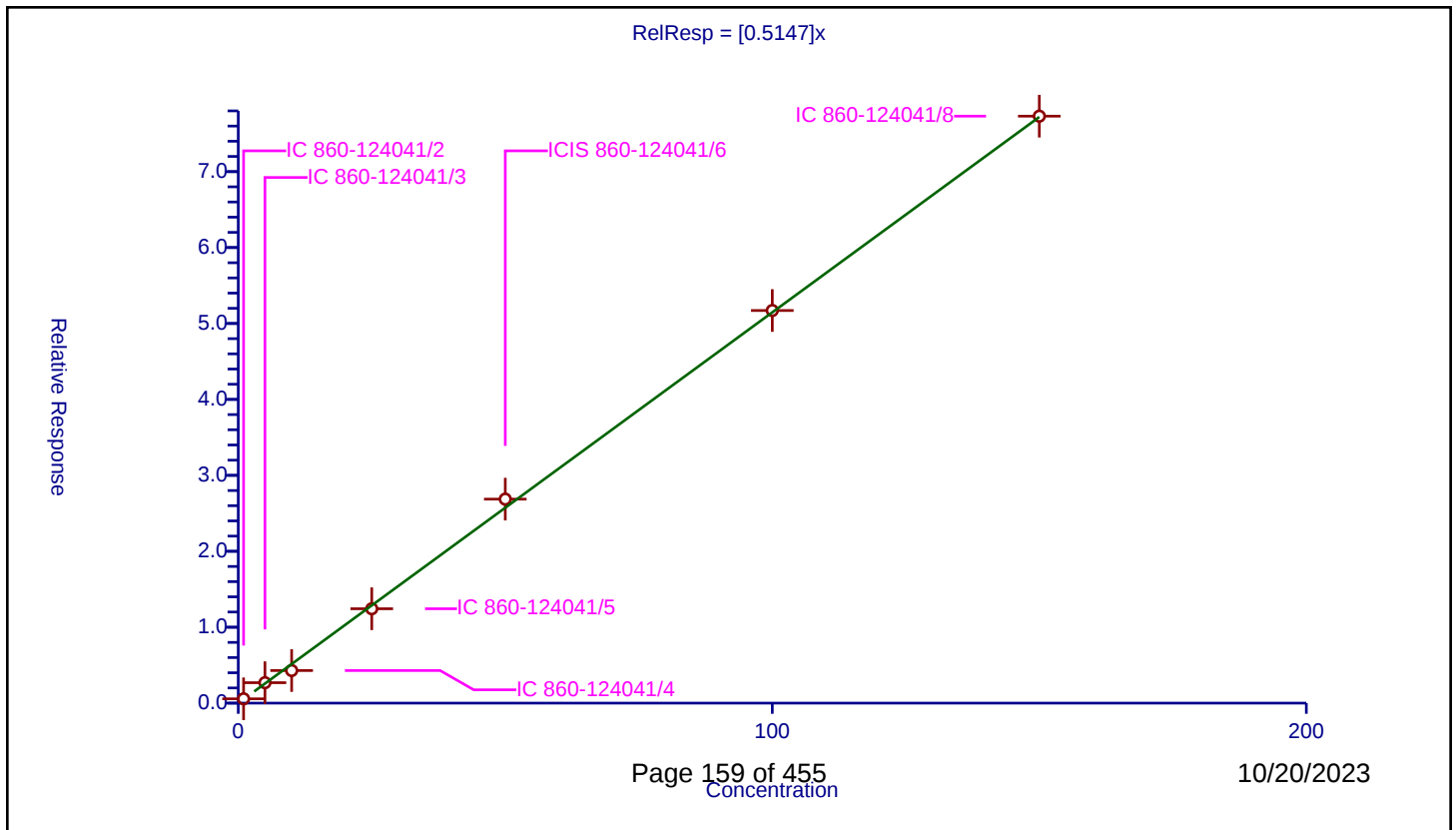
Curve Coefficients

Intercept: 0
Slope: 0.5147

Error Coefficients

Standard Error: 496000
Relative Standard Error: 8.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.567867	50.0	621712.0	0.567867	Y
2	IC 860-124041/3	5.0	2.69261	50.0	604915.0	0.538522	Y
3	IC 860-124041/4	10.0	4.29215	50.0	617278.0	0.429215	Y
4	IC 860-124041/5	25.0	12.429774	50.0	627799.0	0.497191	Y
5	ICIS 860-124041/6	50.0	26.868543	50.0	624243.0	0.537371	Y
6	IC 860-124041/7	100.0	51.708285	50.0	618954.0	0.517083	Y
7	IC 860-124041/8	150.0	77.30474	50.0	623053.0	0.515365	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

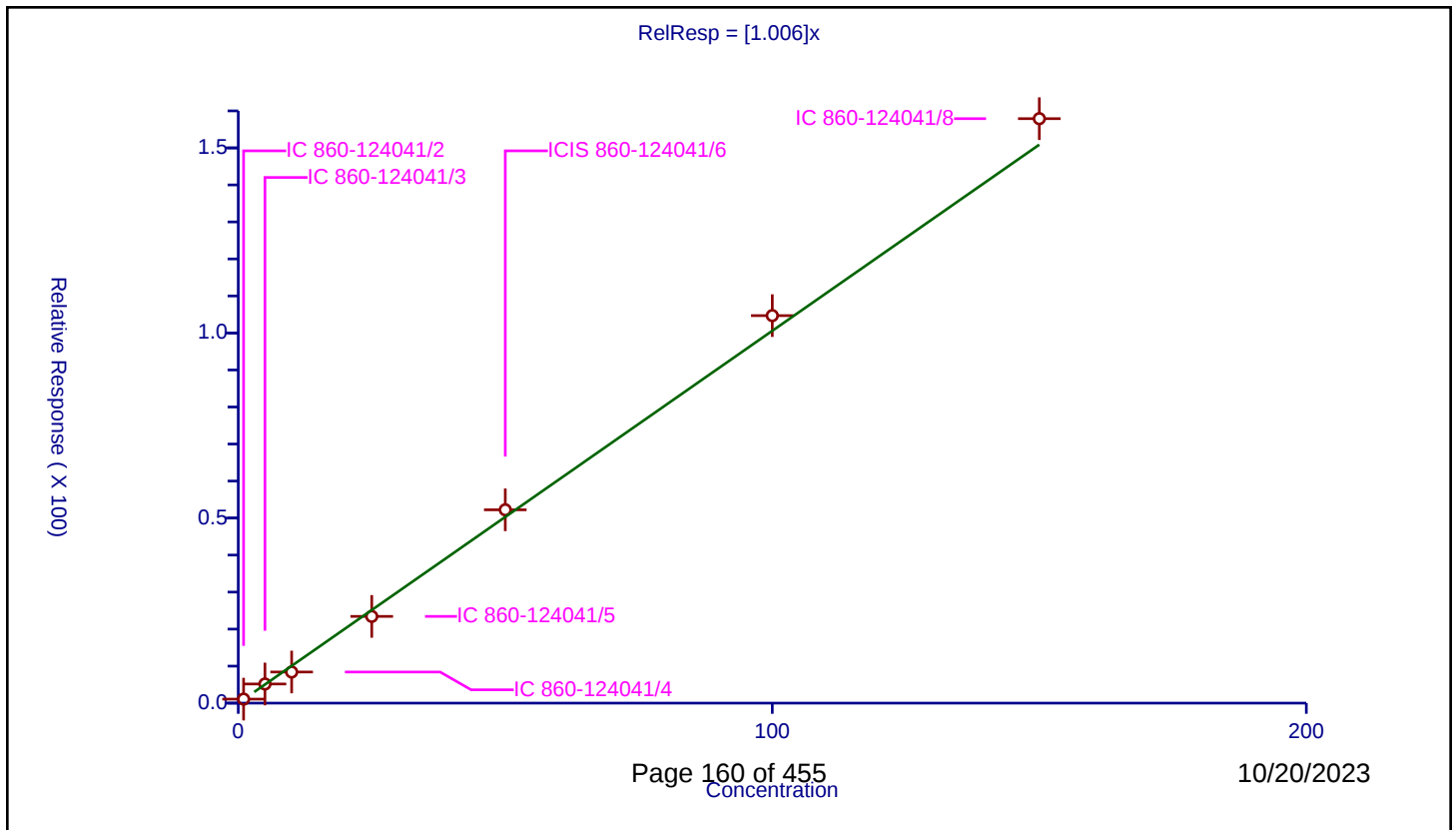
Curve Coefficients

Intercept: 0
Slope: 1.006

Error Coefficients

Standard Error: 1010000
Relative Standard Error: 8.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.084505	50.0	621712.0	1.084505	Y
2	IC 860-124041/3	5.0	5.172876	50.0	604915.0	1.034575	Y
3	IC 860-124041/4	10.0	8.405613	50.0	617278.0	0.840561	Y
4	IC 860-124041/5	25.0	23.430827	50.0	627799.0	0.937233	Y
5	ICIS 860-124041/6	50.0	52.2291	50.0	624243.0	1.044582	Y
6	IC 860-124041/7	100.0	104.690979	50.0	618954.0	1.04691	Y
7	IC 860-124041/8	150.0	157.902377	50.0	623053.0	1.052683	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

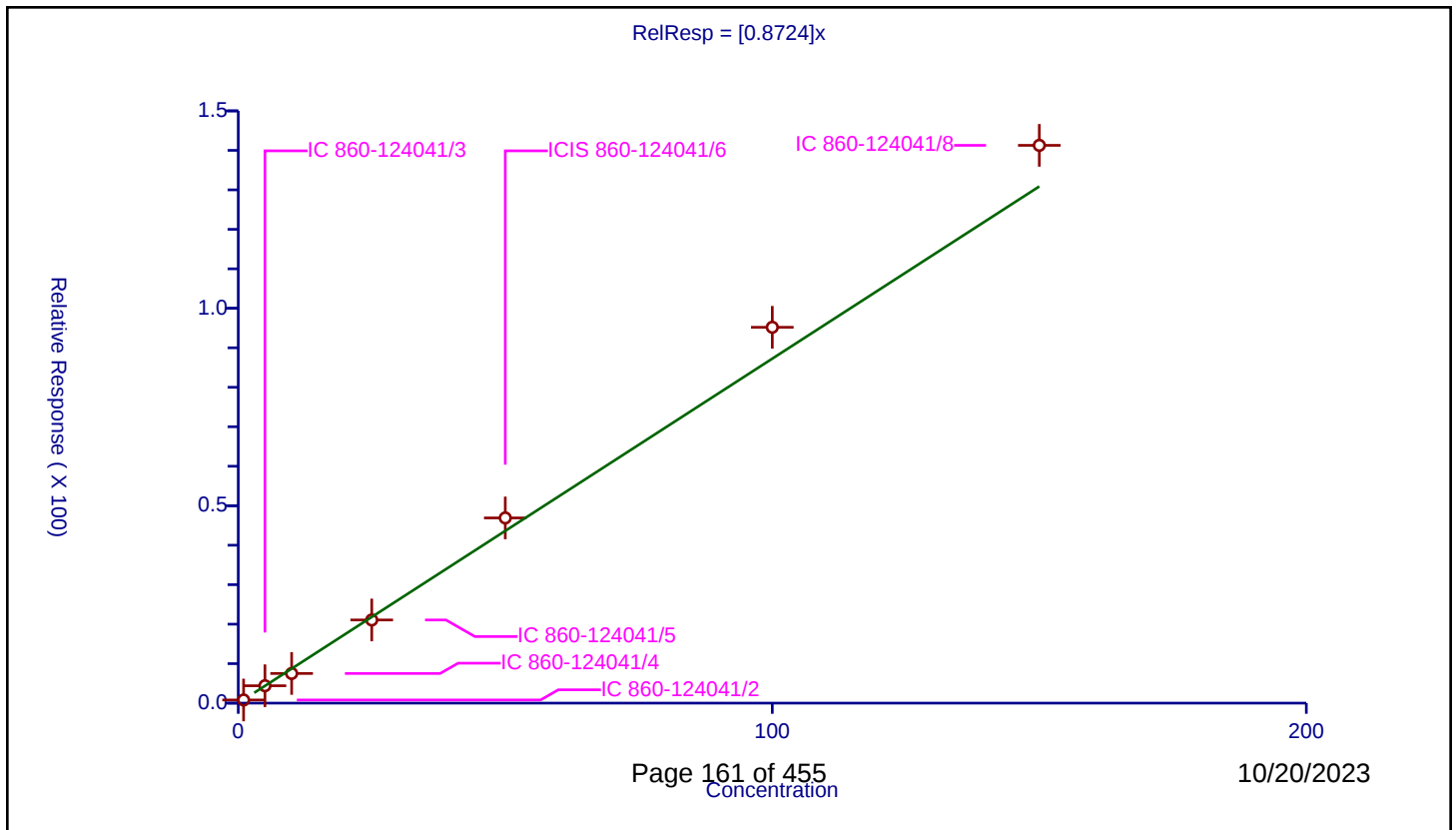
Curve Coefficients

Intercept: 0
Slope: 0.8724

Error Coefficients

Standard Error: 905000
Relative Standard Error: 8.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.801416	50.0	621712.0	0.801416	Y
2	IC 860-124041/3	5.0	4.401362	50.0	604915.0	0.880272	Y
3	IC 860-124041/4	10.0	7.509177	50.0	617278.0	0.750918	Y
4	IC 860-124041/5	25.0	21.06566	50.0	627799.0	0.842626	Y
5	ICIS 860-124041/6	50.0	46.908896	50.0	624243.0	0.938178	Y
6	IC 860-124041/7	100.0	95.190192	50.0	618954.0	0.951902	Y
7	IC 860-124041/8	150.0	141.269202	50.0	623053.0	0.941795	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

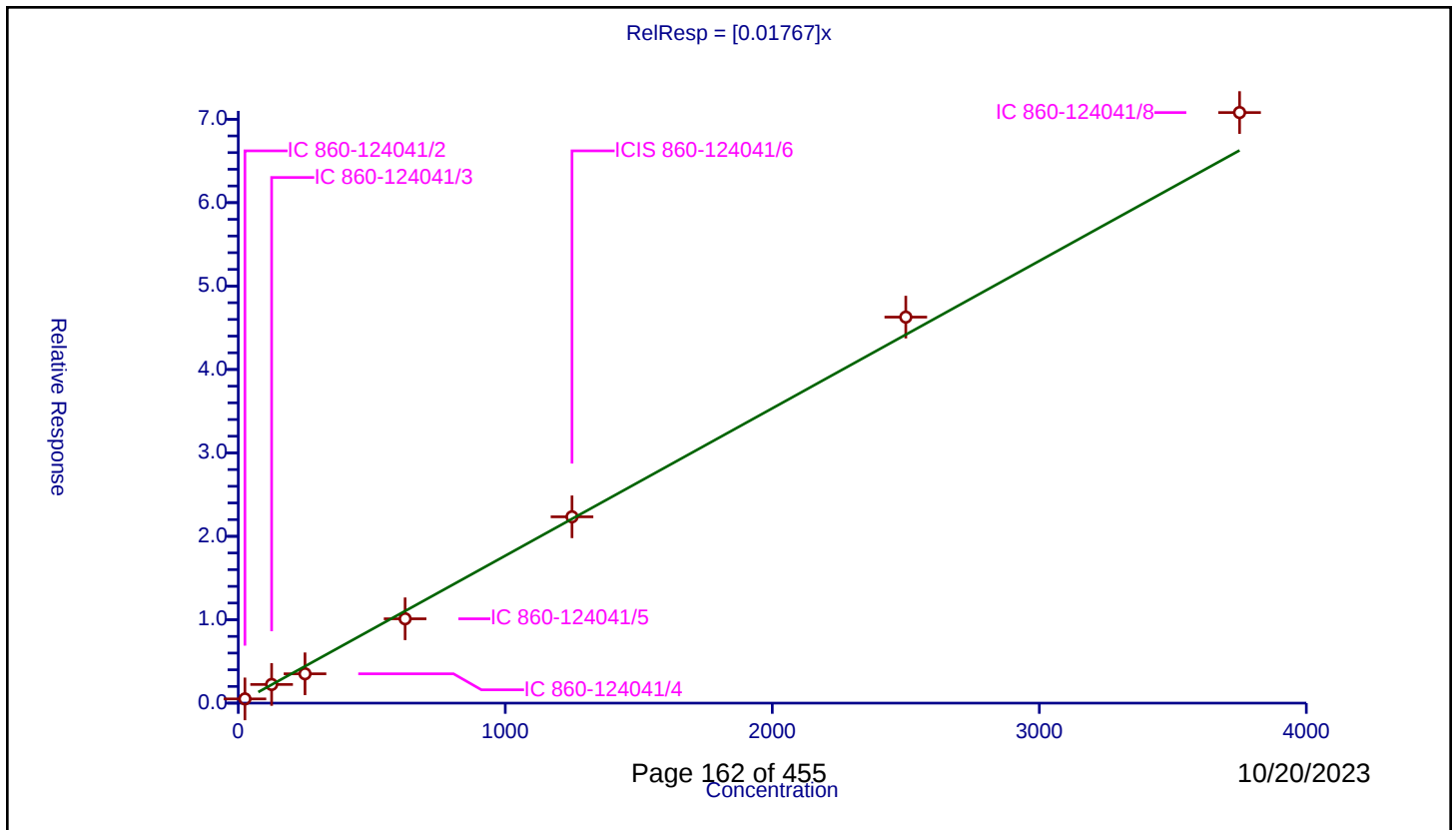
Curve Coefficients

Intercept: 0
Slope: 0.01767

Error Coefficients

Standard Error: 448000
Relative Standard Error: 11.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	25.0	0.507148	50.0	621712.0	0.020286	Y
2	IC 860-124041/3	125.0	2.237918	50.0	604915.0	0.017903	Y
3	IC 860-124041/4	250.0	3.516487	50.0	617278.0	0.014066	Y
4	IC 860-124041/5	625.0	10.110879	50.0	627799.0	0.016177	Y
5	ICIS 860-124041/6	1250.0	22.337776	50.0	624243.0	0.01787	Y
6	IC 860-124041/7	2500.0	46.277995	50.0	618954.0	0.018511	Y
7	IC 860-124041/8	3750.0	70.800959	50.0	623053.0	0.01888	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

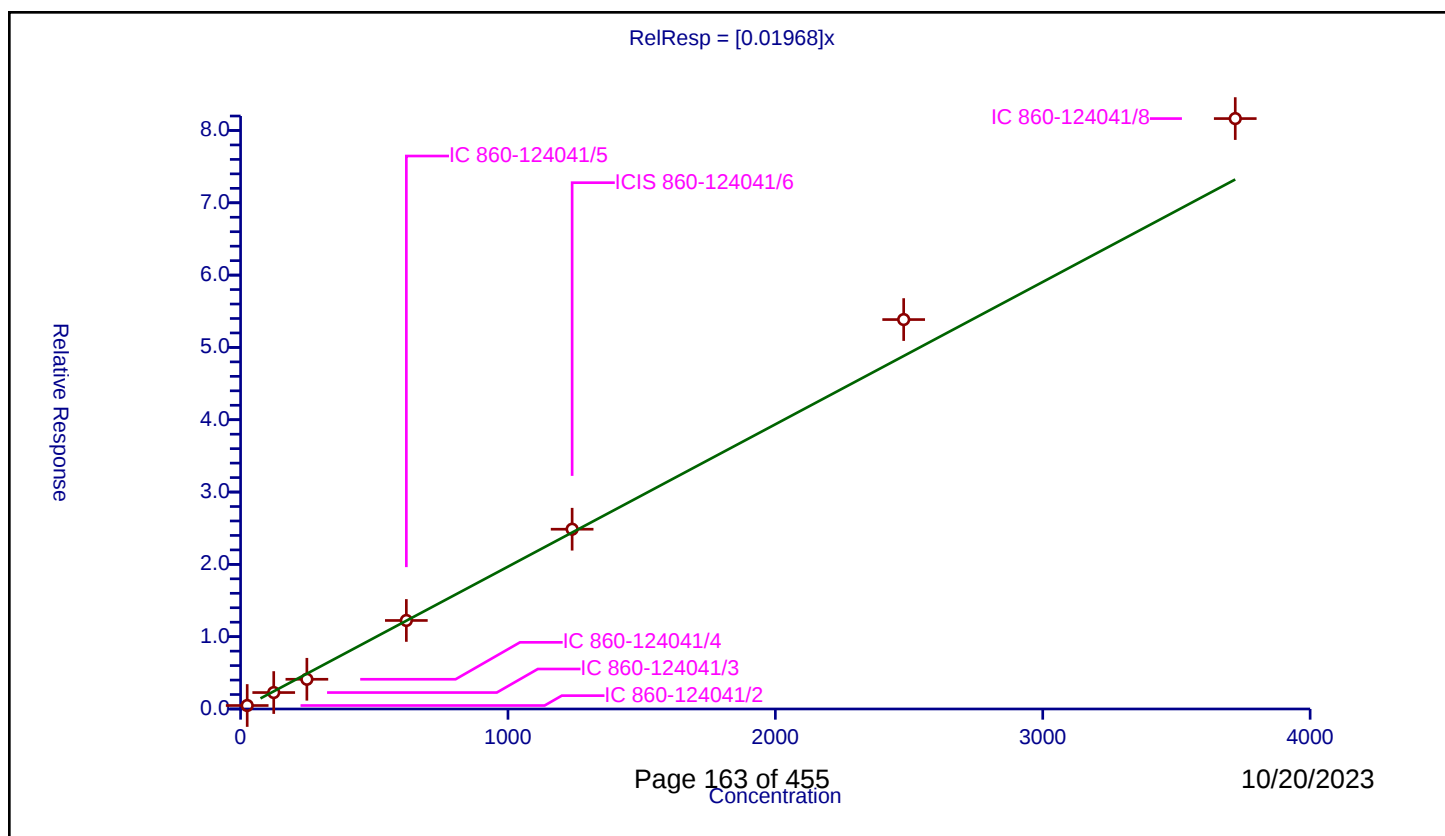
Curve Coefficients

Intercept: 0
Slope: 0.01968

Error Coefficients

Standard Error: 252000
Relative Standard Error: 9.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	24.8	0.481786	50.0	278132.0	0.019427	Y
2	IC 860-124041/3	124.0	2.274405	50.0	291263.0	0.018342	Y
3	IC 860-124041/4	248.0	4.109598	50.0	295406.0	0.016571	Y
4	IC 860-124041/5	620.0	12.239443	50.0	297967.0	0.019741	Y
5	ICIS 860-124041/6	1240.0	24.859666	50.0	311577.0	0.020048	Y
6	IC 860-124041/7	2480.0	53.853567	50.0	294688.0	0.021715	Y
7	IC 860-124041/8	3720.0	81.644677	50.0	305598.0	0.021947	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

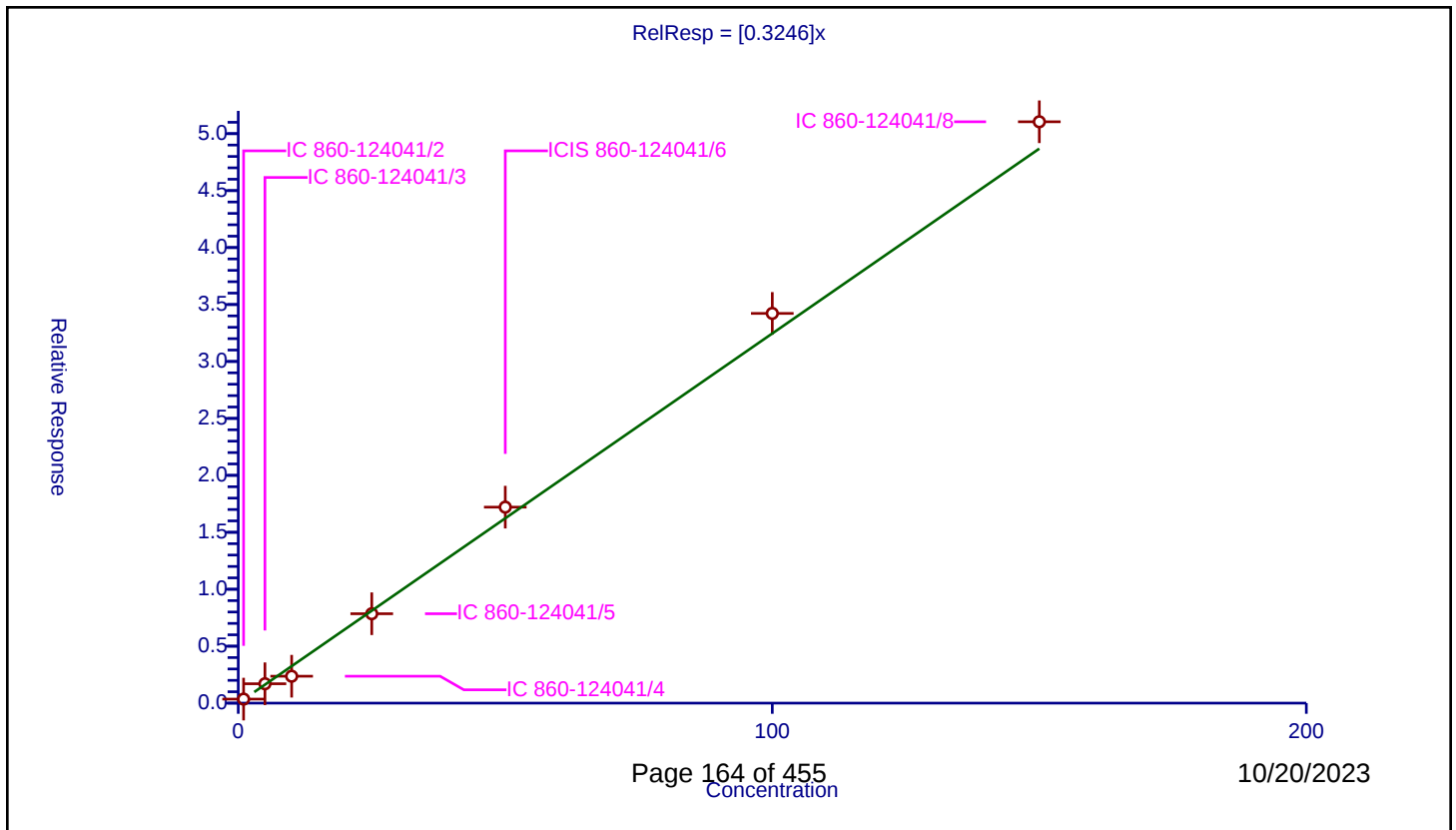
Curve Coefficients

Intercept: 0
Slope: 0.3246

Error Coefficients

Standard Error: 327000
Relative Standard Error: 12.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.354907	50.0	621712.0	0.354907	Y
2	IC 860-124041/3	5.0	1.700983	50.0	604915.0	0.340197	Y
3	IC 860-124041/4	10.0	2.362226	50.0	617278.0	0.236223	Y
4	IC 860-124041/5	25.0	7.84869	50.0	627799.0	0.313948	Y
5	ICIS 860-124041/6	50.0	17.208523	50.0	624243.0	0.34417	Y
6	IC 860-124041/7	100.0	34.218133	50.0	618954.0	0.342181	Y
7	IC 860-124041/8	150.0	51.044052	50.0	623053.0	0.340294	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

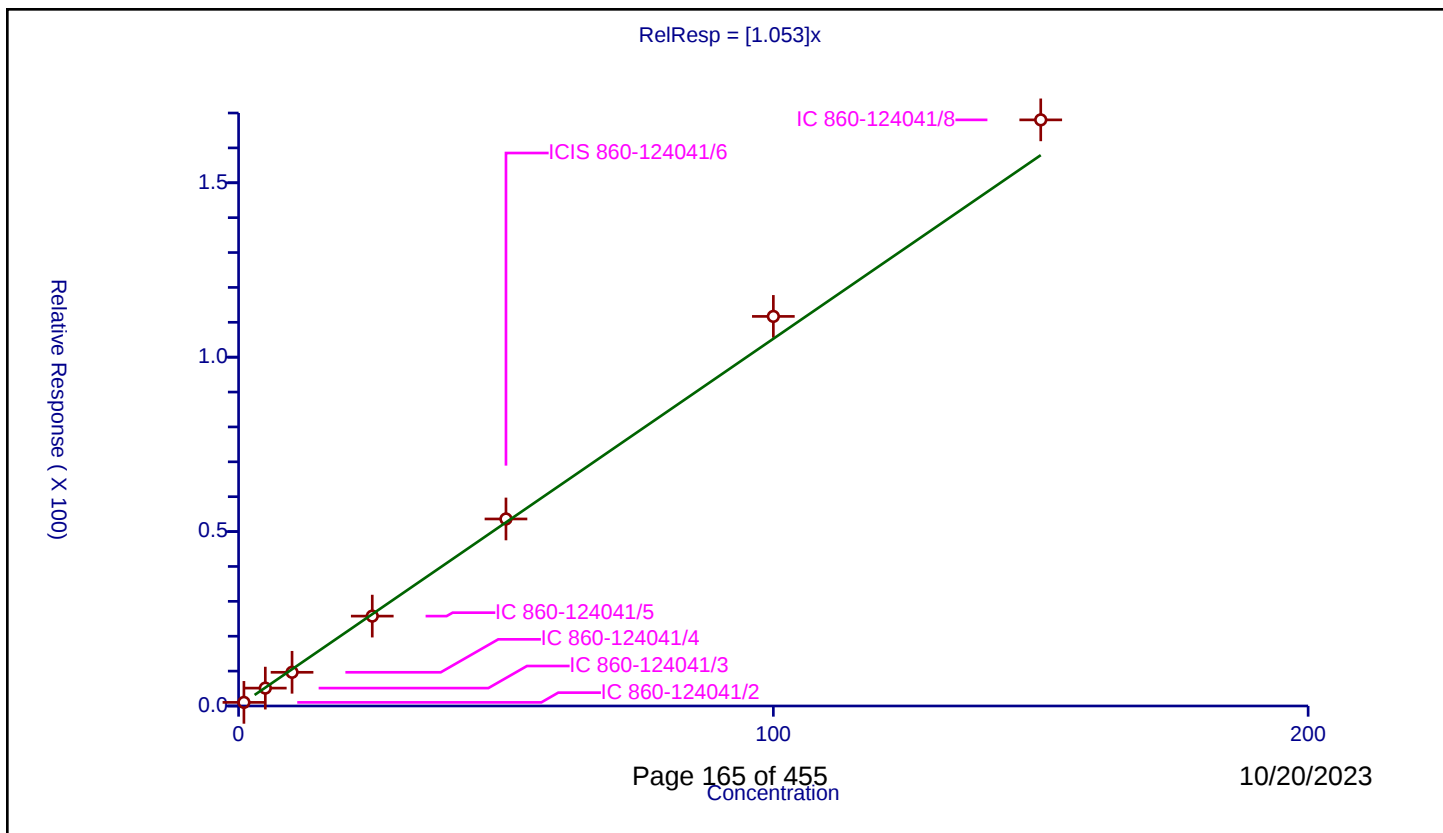
Curve Coefficients

Intercept: 0
Slope: 1.053

Error Coefficients

Standard Error: 521000
Relative Standard Error: 5.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.039075	50.0	278132.0	1.039075	Y
2	IC 860-124041/3	5.0	5.123891	50.0	291263.0	1.024778	Y
3	IC 860-124041/4	10.0	9.656202	50.0	295406.0	0.96562	Y
4	IC 860-124041/5	25.0	25.767283	50.0	297967.0	1.030691	Y
5	ICIS 860-124041/6	50.0	53.619491	50.0	311577.0	1.07239	Y
6	IC 860-124041/7	100.0	111.688124	50.0	294688.0	1.116881	Y
7	IC 860-124041/8	150.0	168.032841	50.0	305598.0	1.120219	Y



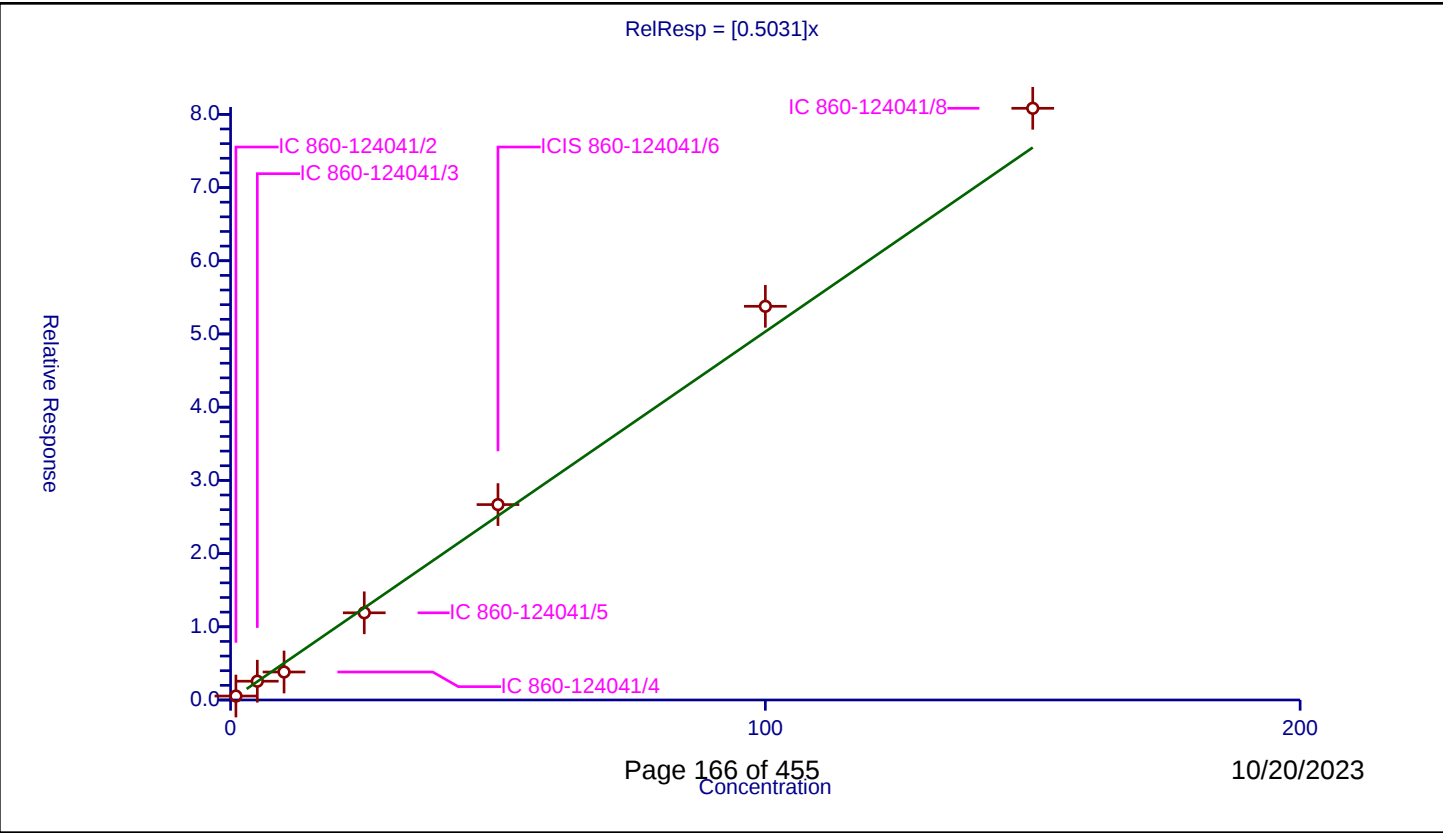
Calibration

/ 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:	0.5031
Error Coefficients	
Standard Error:	515000
Relative Standard Error:	11.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.5398	50.0	621712.0	0.5398	Y
2	IC 860-124041/3	5.0	2.565484	50.0	604915.0	0.513097	Y
3	IC 860-124041/4	10.0	3.821941	50.0	617278.0	0.382194	Y
4	IC 860-124041/5	25.0	11.910102	50.0	627799.0	0.476404	Y
5	ICIS 860-124041/6	50.0	26.690808	50.0	624243.0	0.533816	Y
6	IC 860-124041/7	100.0	53.776937	50.0	618954.0	0.537769	Y
7	IC 860-124041/8	150.0	80.825869	50.0	623053.0	0.538839	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

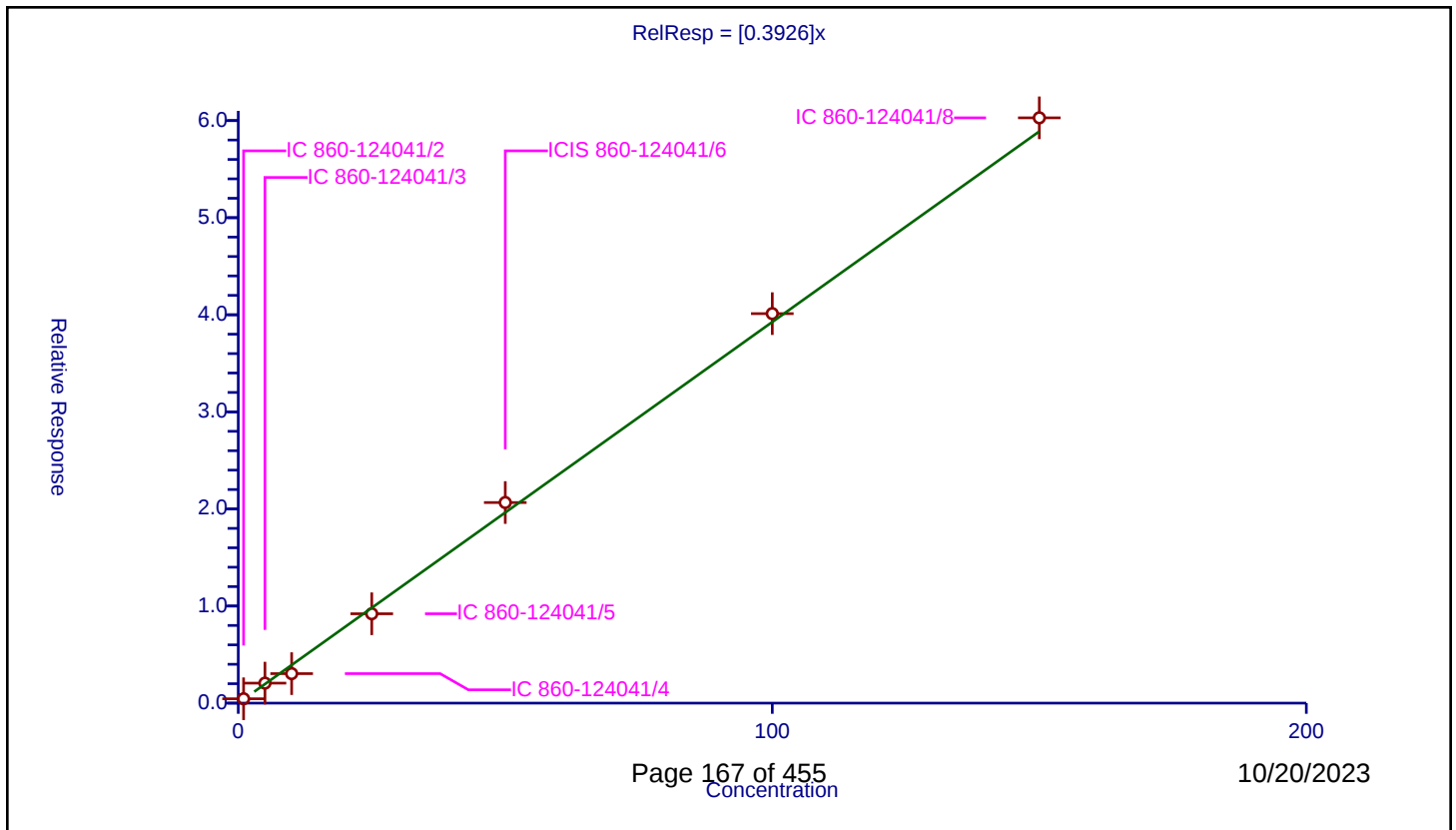
Curve Coefficients

Intercept: 0
Slope: 0.3926

Error Coefficients

Standard Error: 386000
Relative Standard Error: 11.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.447796	50.0	621712.0	0.447796	Y
2	IC 860-124041/3	5.0	2.058802	50.0	604915.0	0.41176	Y
3	IC 860-124041/4	10.0	3.039392	50.0	617278.0	0.303939	Y
4	IC 860-124041/5	25.0	9.205733	50.0	627799.0	0.368229	Y
5	ICIS 860-124041/6	50.0	20.659983	50.0	624243.0	0.4132	Y
6	IC 860-124041/7	100.0	40.119217	50.0	618954.0	0.401192	Y
7	IC 860-124041/8	150.0	60.284278	50.0	623053.0	0.401895	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

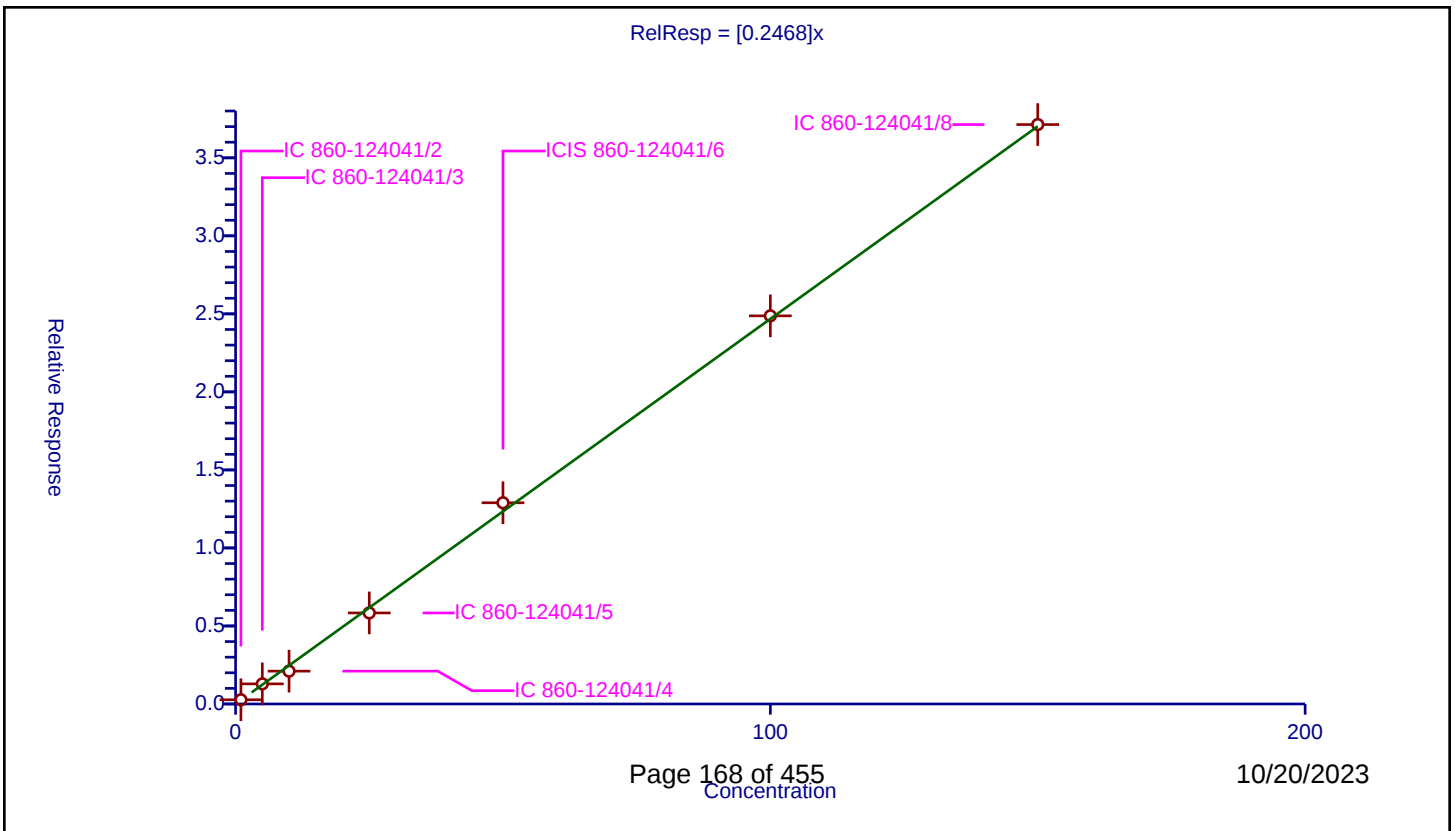
Curve Coefficients

Intercept: 0
Slope: 0.2468

Error Coefficients

Standard Error: 238000
Relative Standard Error: 8.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.271669	50.0	621712.0	0.271669	Y
2	IC 860-124041/3	5.0	1.289189	50.0	604915.0	0.257838	Y
3	IC 860-124041/4	10.0	2.104724	50.0	617278.0	0.210472	Y
4	IC 860-124041/5	25.0	5.835228	50.0	627799.0	0.233409	Y
5	ICIS 860-124041/6	50.0	12.895139	50.0	624243.0	0.257903	Y
6	IC 860-124041/7	100.0	24.873577	50.0	618954.0	0.248736	Y
7	IC 860-124041/8	150.0	37.132555	50.0	623053.0	0.24755	Y



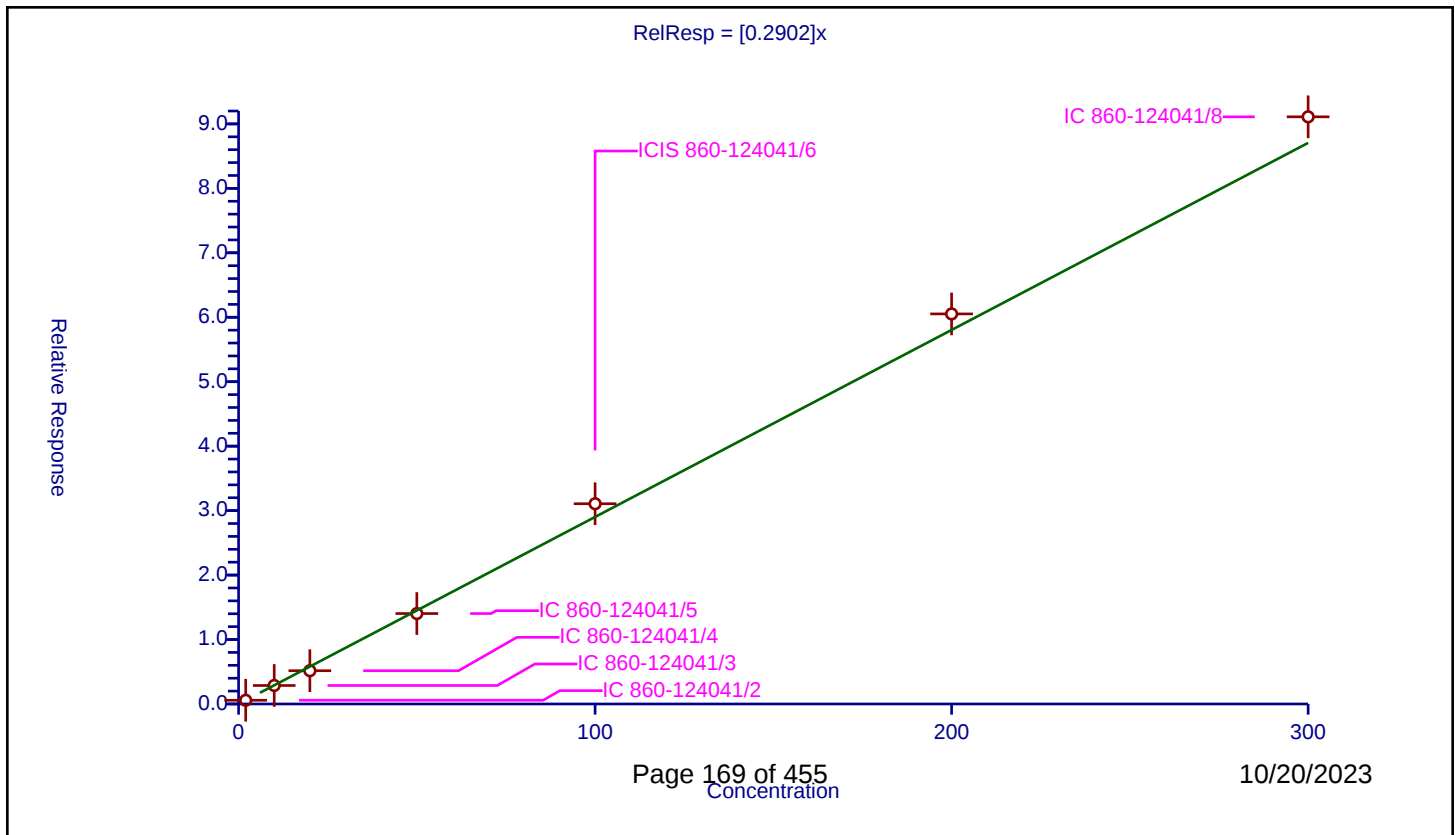
Calibration

/ 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:	0.2902
Error Coefficients	
Standard Error:	583000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	2.0	0.577197	50.0	621712.0	0.288598	Y
2	IC 860-124041/3	10.0	2.870651	50.0	604915.0	0.287065	Y
3	IC 860-124041/4	20.0	5.159264	50.0	617278.0	0.257963	Y
4	IC 860-124041/5	50.0	14.031004	50.0	627799.0	0.28062	Y
5	ICIS 860-124041/6	100.0	31.068911	50.0	624243.0	0.310689	Y
6	IC 860-124041/7	200.0	60.517583	50.0	618954.0	0.302588	Y
7	IC 860-124041/8	300.0	91.096745	50.0	623053.0	0.303656	Y



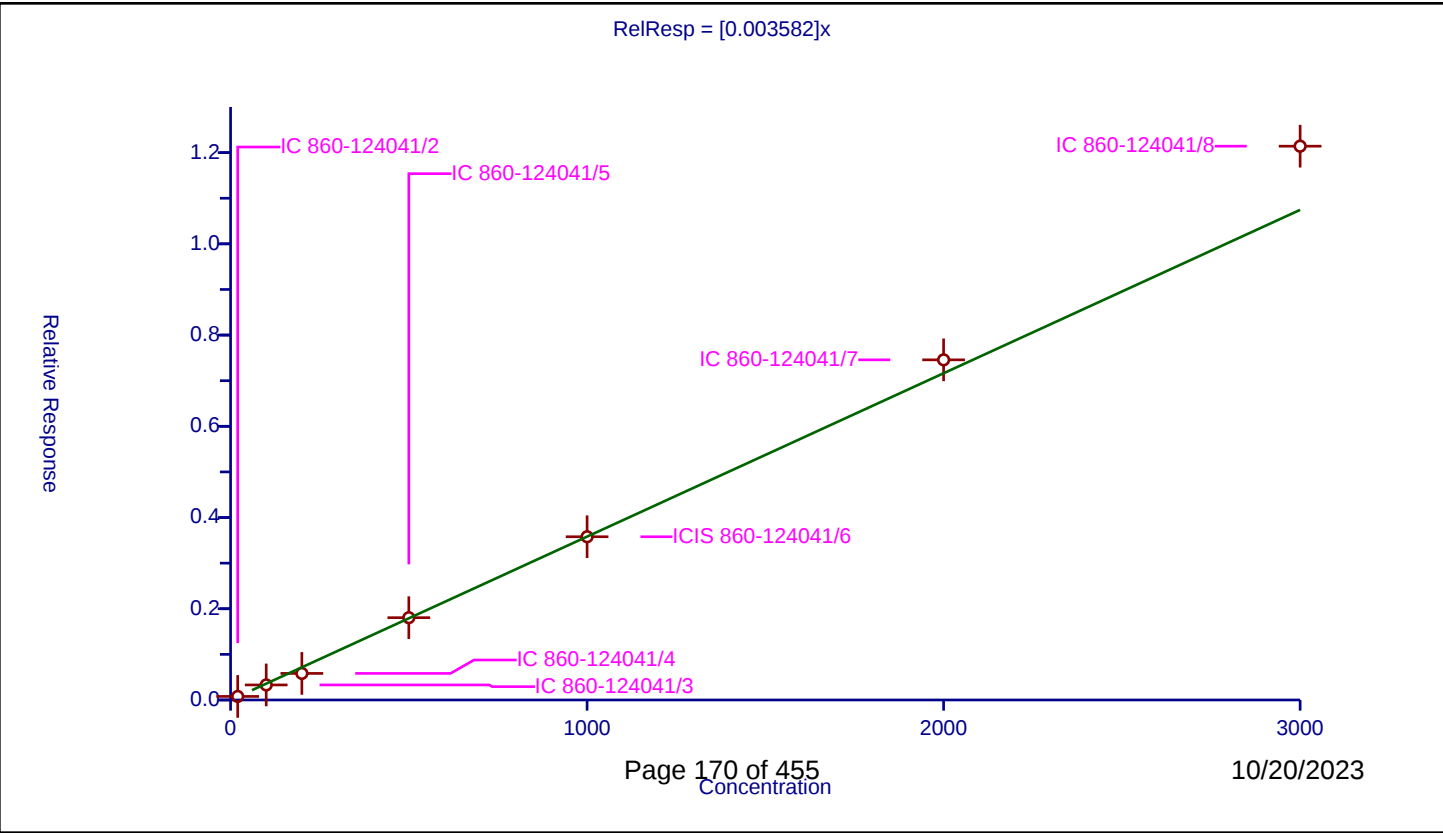
Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.003582
Error Coefficients	
Standard Error:	75300
Relative Standard Error:	10.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	20.0	0.07793	50.0	621712.0	0.003896	Y
2	IC 860-124041/3	100.0	0.329798	50.0	604915.0	0.003298	Y
3	IC 860-124041/4	200.0	0.582639	50.0	617278.0	0.002913	Y
4	IC 860-124041/5	500.0	1.804399	50.0	627799.0	0.003609	Y
5	ICIS 860-124041/6	1000.0	3.578815	50.0	624243.0	0.003579	Y
6	IC 860-124041/7	2000.0	7.457016	50.0	618954.0	0.003729	Y
7	IC 860-124041/8	3000.0	12.141423	50.0	623053.0	0.004047	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

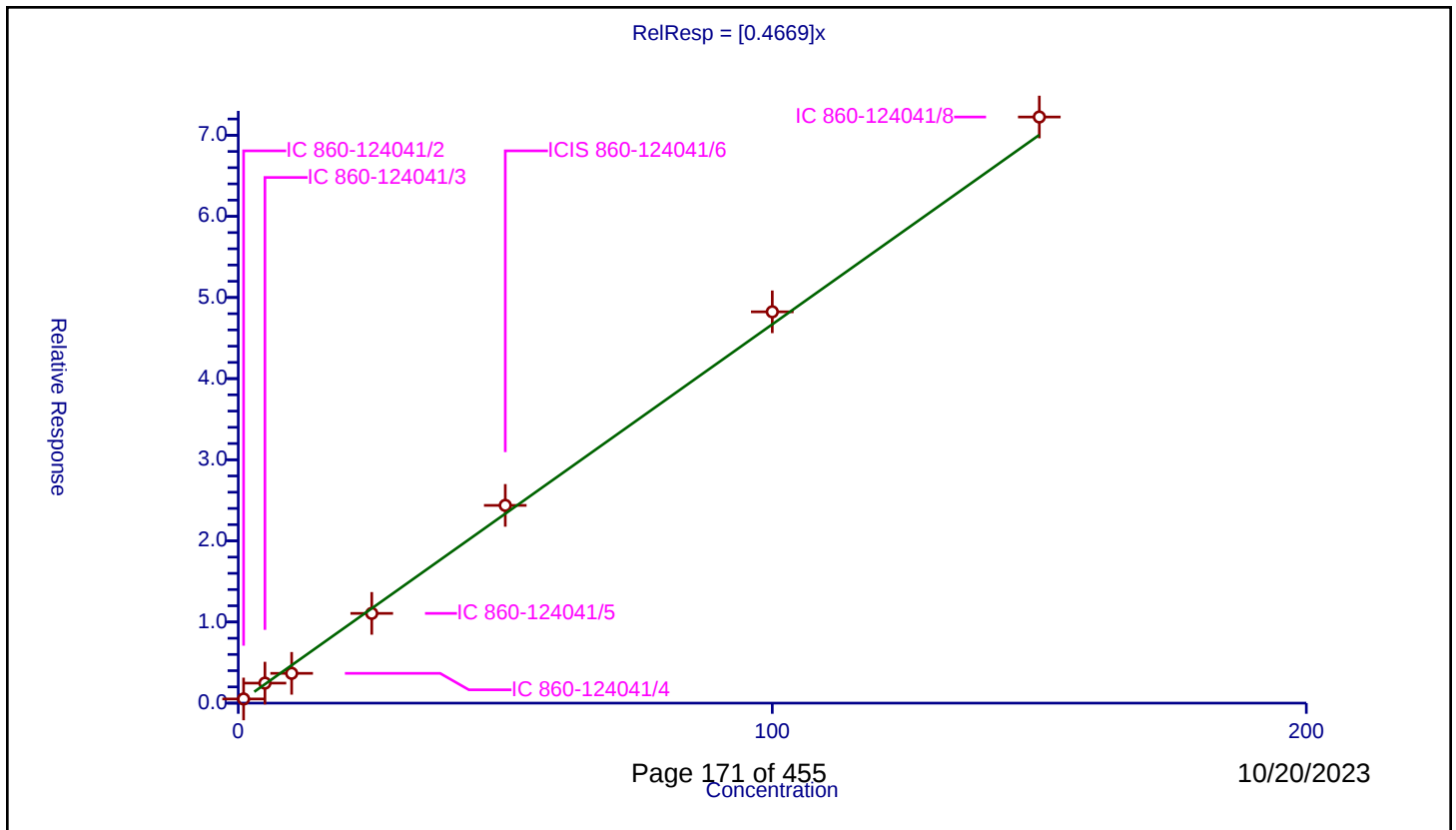
Curve Coefficients

Intercept: 0
Slope: 0.4669

Error Coefficients

Standard Error: 462000
Relative Standard Error: 10.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.513662	50.0	621712.0	0.513662	Y
2	IC 860-124041/3	5.0	2.468033	50.0	604915.0	0.493607	Y
3	IC 860-124041/4	10.0	3.673466	50.0	617278.0	0.367347	Y
4	IC 860-124041/5	25.0	11.06206	50.0	627799.0	0.442482	Y
5	ICIS 860-124041/6	50.0	24.37248	50.0	624243.0	0.48745	Y
6	IC 860-124041/7	100.0	48.233148	50.0	618954.0	0.482331	Y
7	IC 860-124041/8	150.0	72.246262	50.0	623053.0	0.481642	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

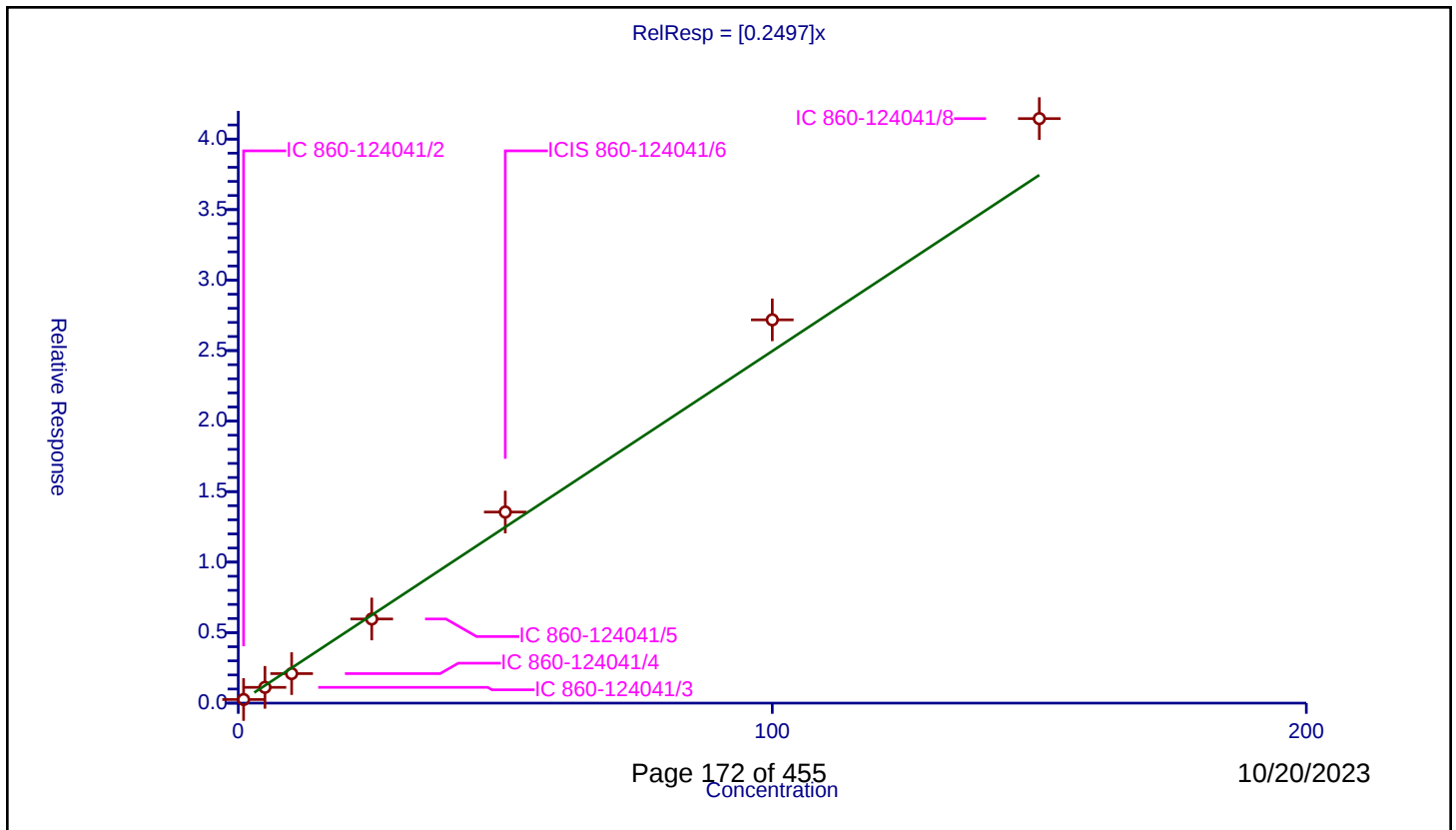
Curve Coefficients

Intercept: 0
Slope: 0.2497

Error Coefficients

Standard Error: 263000
Relative Standard Error: 10.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.25663	50.0	621712.0	0.25663	Y
2	IC 860-124041/3	5.0	1.118339	50.0	604915.0	0.223668	Y
3	IC 860-124041/4	10.0	2.094518	50.0	617278.0	0.209452	Y
4	IC 860-124041/5	25.0	5.967754	50.0	627799.0	0.23871	Y
5	ICIS 860-124041/6	50.0	13.550572	50.0	624243.0	0.271011	Y
6	IC 860-124041/7	100.0	27.181907	50.0	618954.0	0.271819	Y
7	IC 860-124041/8	150.0	41.45145	50.0	623053.0	0.276343	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

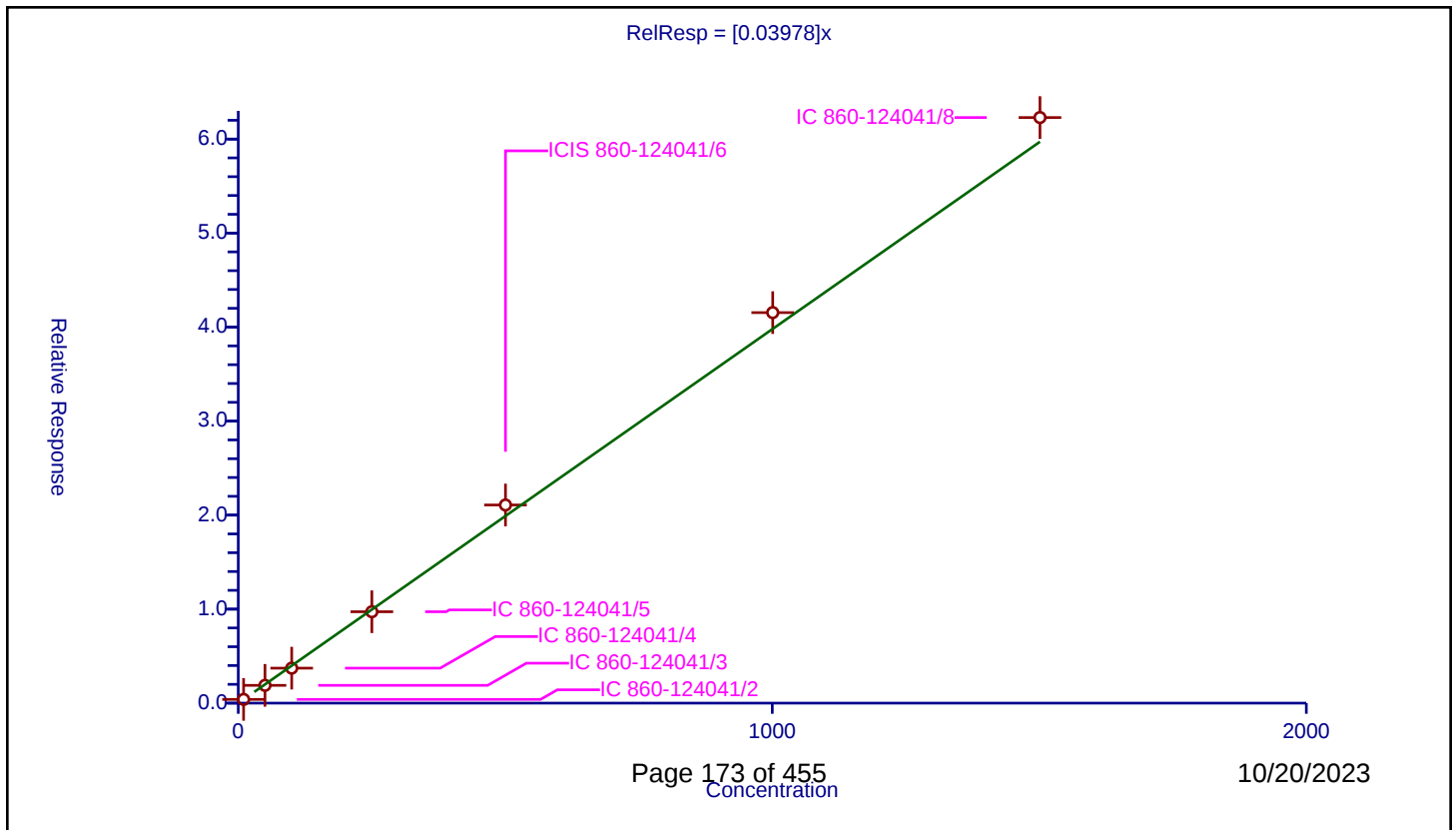
Curve Coefficients

Intercept: 0
Slope: 0.03978

Error Coefficients

Standard Error: 399000
Relative Standard Error: 4.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	10.00818	0.39536	50.0	621712.0	0.039504	Y
2	IC 860-124041/3	50.0409	1.891092	50.0	604915.0	0.037791	Y
3	IC 860-124041/4	100.0818	3.720771	50.0	617278.0	0.037177	Y
4	IC 860-124041/5	250.2045	9.721424	50.0	627799.0	0.038854	Y
5	ICIS 860-124041/6	500.409	21.077209	50.0	624243.0	0.04212	Y
6	IC 860-124041/7	1000.818	41.542344	50.0	618954.0	0.041508	Y
7	IC 860-124041/8	1501.227	62.292052	50.0	623053.0	0.041494	Y



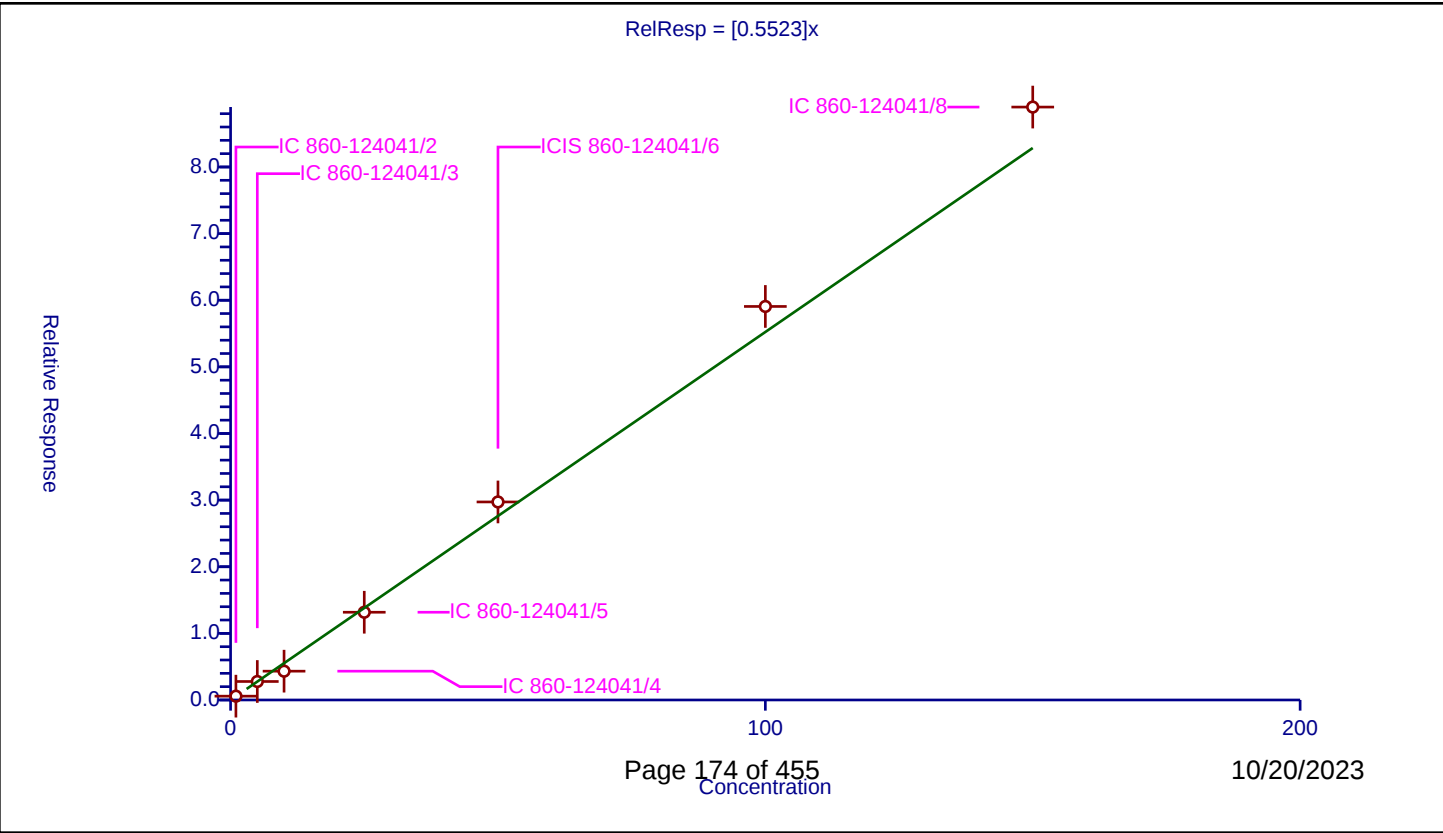
Calibration

/ 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:	0.5523
Error Coefficients	
Standard Error:	568000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.572854	50.0	621712.0	0.572854	Y
2	IC 860-124041/3	5.0	2.77725	50.0	604915.0	0.55545	Y
3	IC 860-124041/4	10.0	4.326333	50.0	617278.0	0.432633	Y
4	IC 860-124041/5	25.0	13.169183	50.0	627799.0	0.526767	Y
5	ICIS 860-124041/6	50.0	29.724883	50.0	624243.0	0.594498	Y
6	IC 860-124041/7	100.0	59.067556	50.0	618954.0	0.590676	Y
7	IC 860-124041/8	150.0	88.992991	50.0	623053.0	0.593287	Y



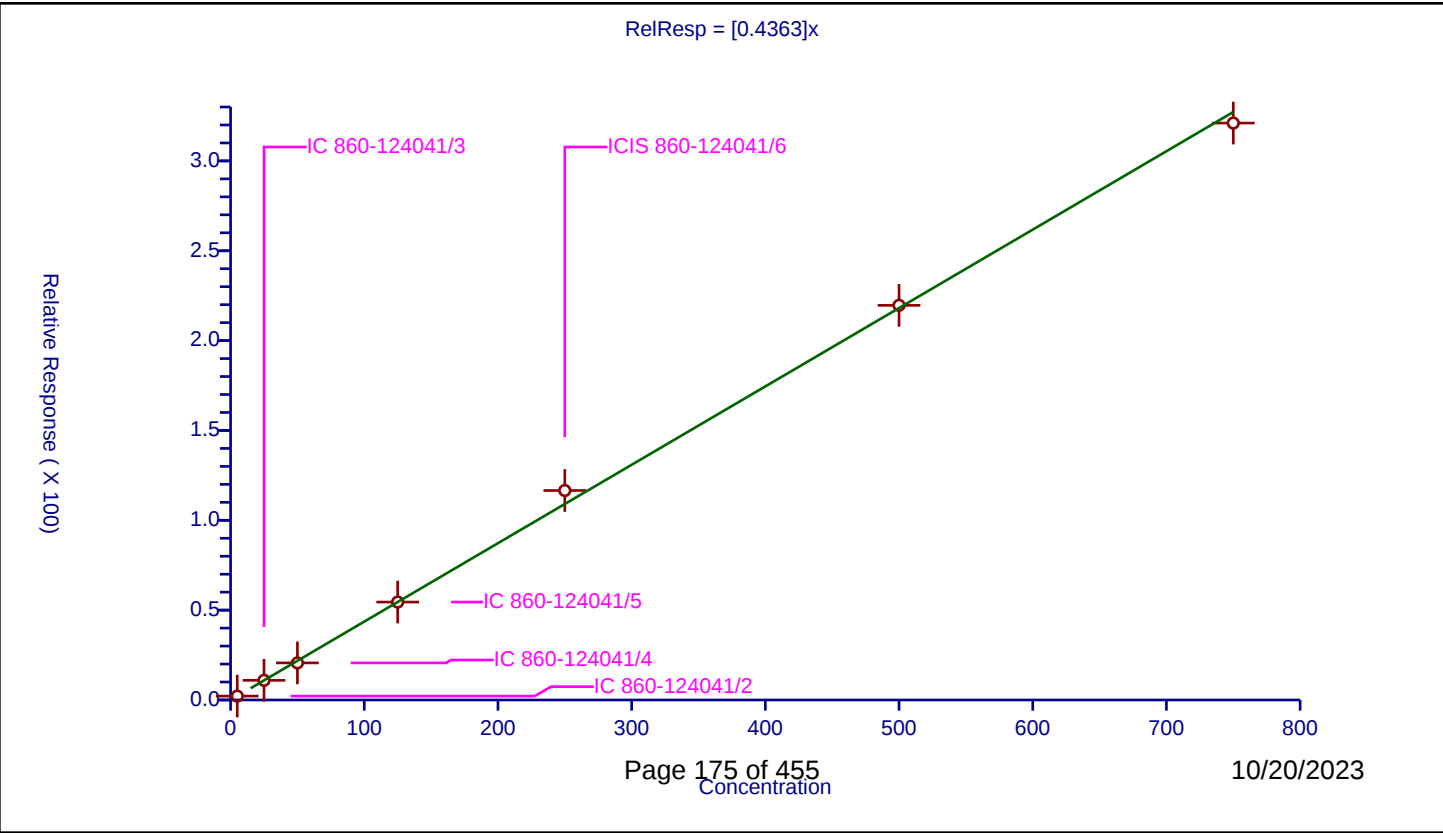
Calibration

/ 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:	0.4363
Error Coefficients	
Standard Error:	2080000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	5.0	2.167402	50.0	621712.0	0.43348	Y
2	IC 860-124041/3	25.0	10.947654	50.0	604915.0	0.437906	Y
3	IC 860-124041/4	50.0	20.640133	50.0	617278.0	0.412803	Y
4	IC 860-124041/5	125.0	54.503591	50.0	627799.0	0.436029	Y
5	ICIS 860-124041/6	250.0	116.581924	50.0	624243.0	0.466328	Y
6	IC 860-124041/7	500.0	219.630861	50.0	618954.0	0.439262	Y
7	IC 860-124041/8	750.0	321.069877	50.0	623053.0	0.428093	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

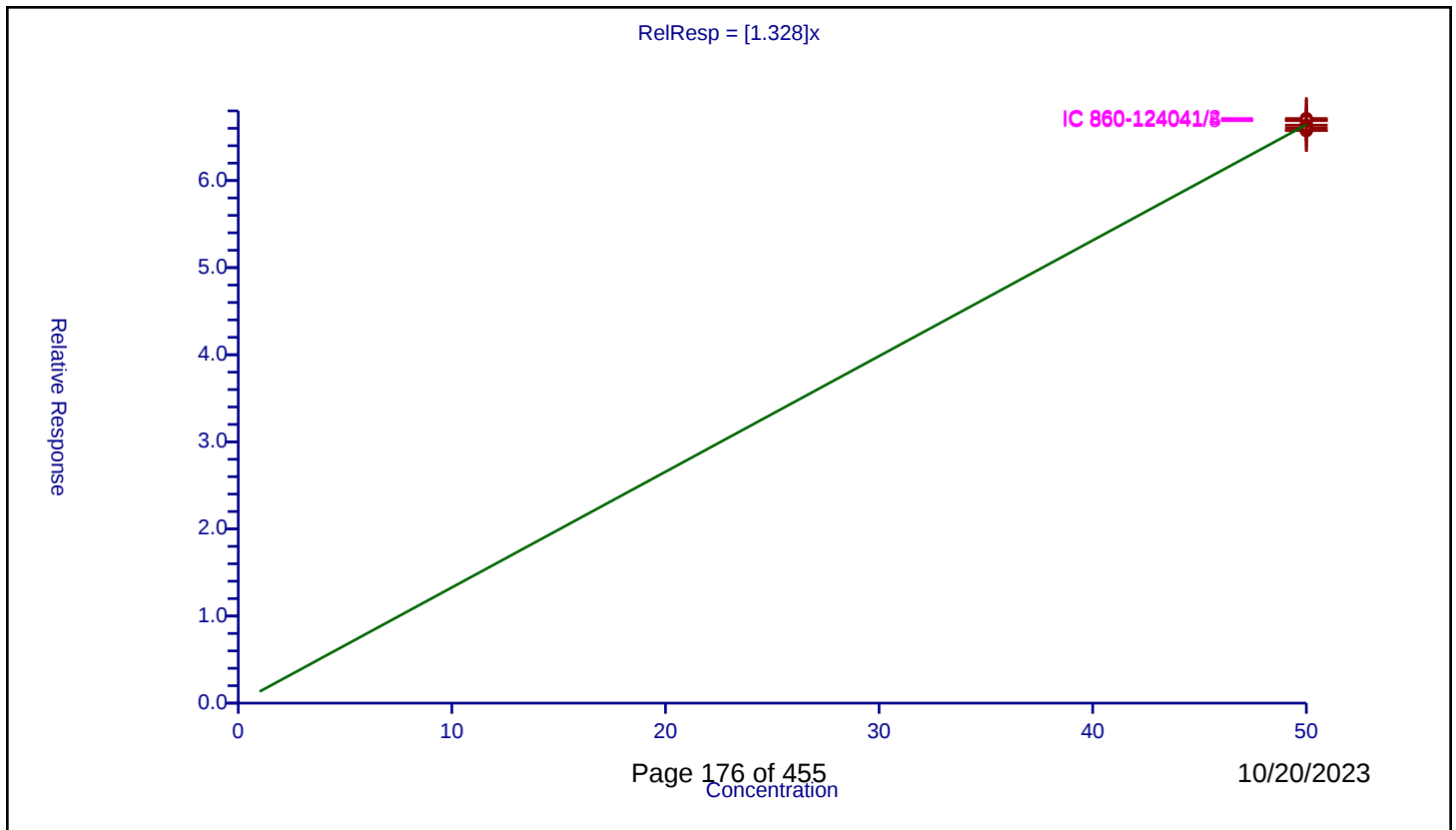
Curve Coefficients

Intercept: 0
Slope: 1.328

Error Coefficients

Standard Error: 806000
Relative Standard Error: 0.9
Correlation Coefficient: 0.00000000000000000000
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	50.0	67.124541	50.0	557212.0	1.342491	Y
2	IC 860-124041/3	50.0	66.062027	50.0	552726.0	1.321241	Y
3	IC 860-124041/4	50.0	66.949024	50.0	555560.0	1.33898	Y
4	IC 860-124041/5	50.0	66.876112	50.0	568007.0	1.337522	Y
5	ICIS 860-124041/6	50.0	65.738958	50.0	572468.0	1.314779	Y
6	IC 860-124041/7	50.0	66.365011	50.0	563611.0	1.3273	Y
7	IC 860-124041/8	50.0	65.755098	50.0	564960.0	1.315102	Y



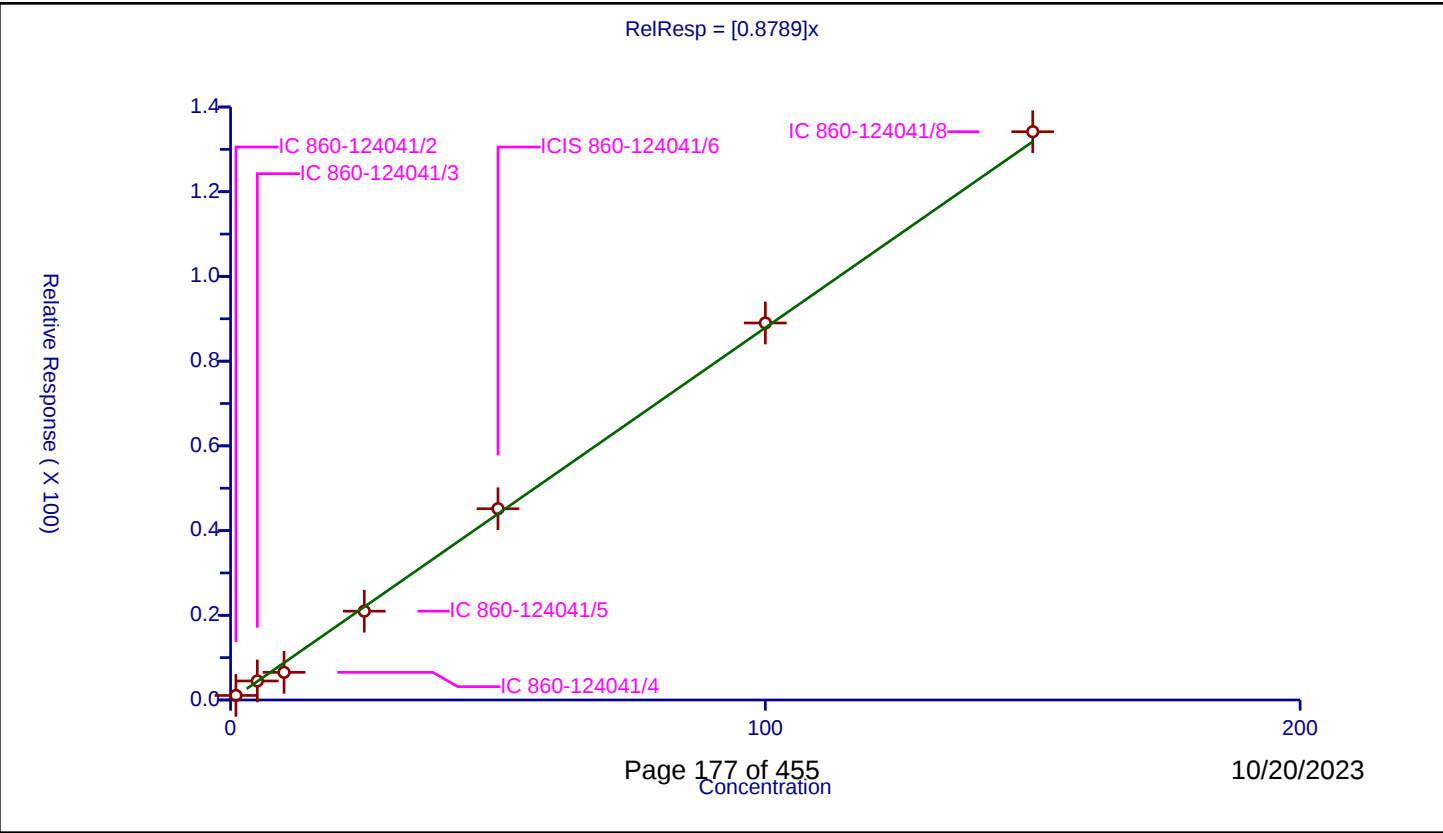
Calibration

/ 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:	0.8789
Error Coefficients	
Standard Error:	779000
Relative Standard Error:	14.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.074277	50.0	557212.0	1.074277	Y
2	IC 860-124041/3	5.0	4.494451	50.0	552726.0	0.89889	Y
3	IC 860-124041/4	10.0	6.524588	50.0	555560.0	0.652459	Y
4	IC 860-124041/5	25.0	20.970076	50.0	568007.0	0.838803	Y
5	ICIS 860-124041/6	50.0	45.166105	50.0	572468.0	0.903322	Y
6	IC 860-124041/7	100.0	89.009707	50.0	563611.0	0.890097	Y
7	IC 860-124041/8	150.0	134.171534	50.0	564960.0	0.894477	Y



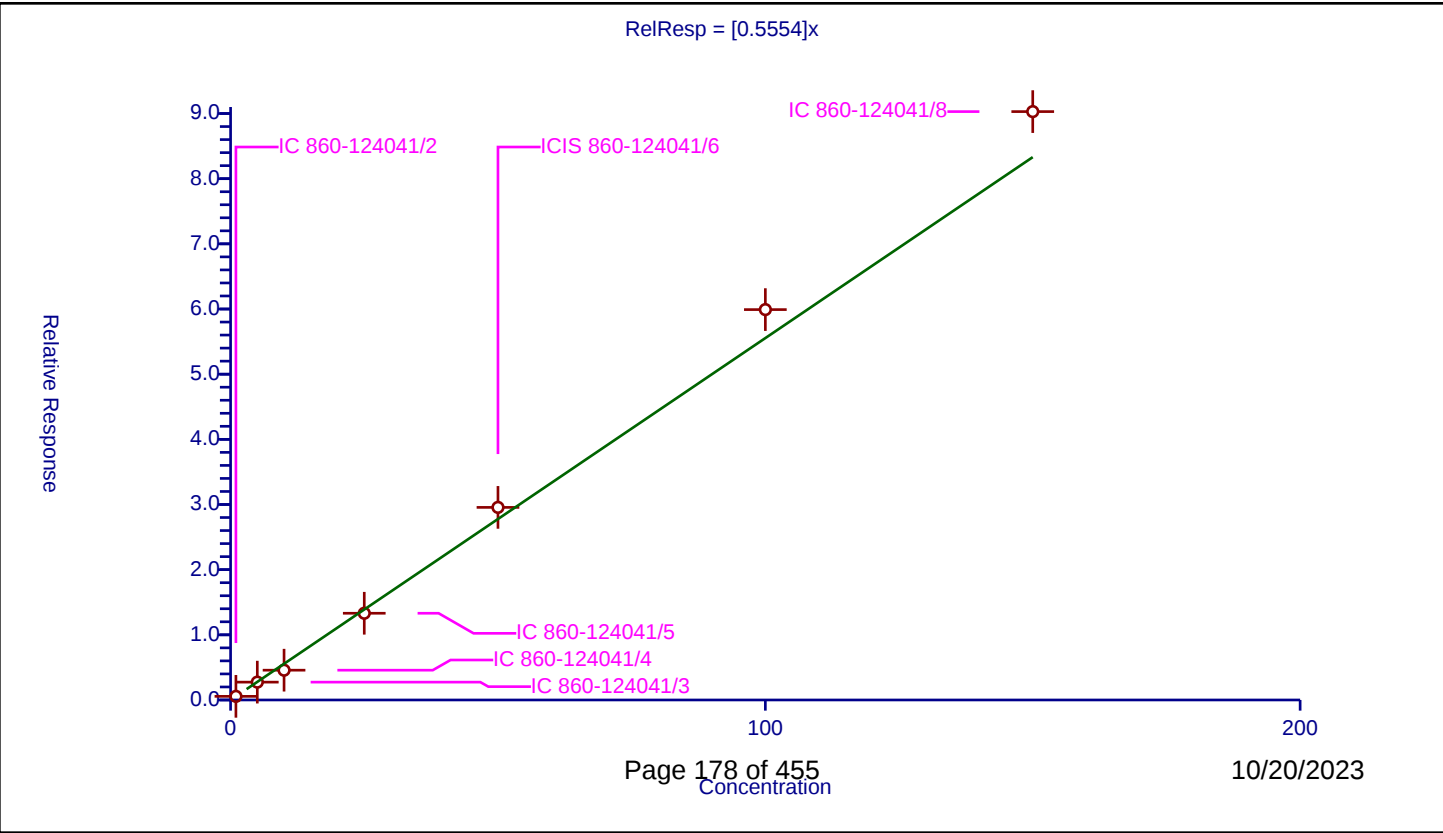
Calibration

/ 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:	0.5554
Error Coefficients	
Standard Error:	522000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.557508	50.0	557212.0	0.557508	Y
2	IC 860-124041/3	5.0	2.741774	50.0	552726.0	0.548355	Y
3	IC 860-124041/4	10.0	4.572053	50.0	555560.0	0.457205	Y
4	IC 860-124041/5	25.0	13.309431	50.0	568007.0	0.532377	Y
5	ICIS 860-124041/6	50.0	29.558421	50.0	572468.0	0.591168	Y
6	IC 860-124041/7	100.0	59.911801	50.0	563611.0	0.599118	Y
7	IC 860-124041/8	150.0	90.294092	50.0	564960.0	0.601961	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

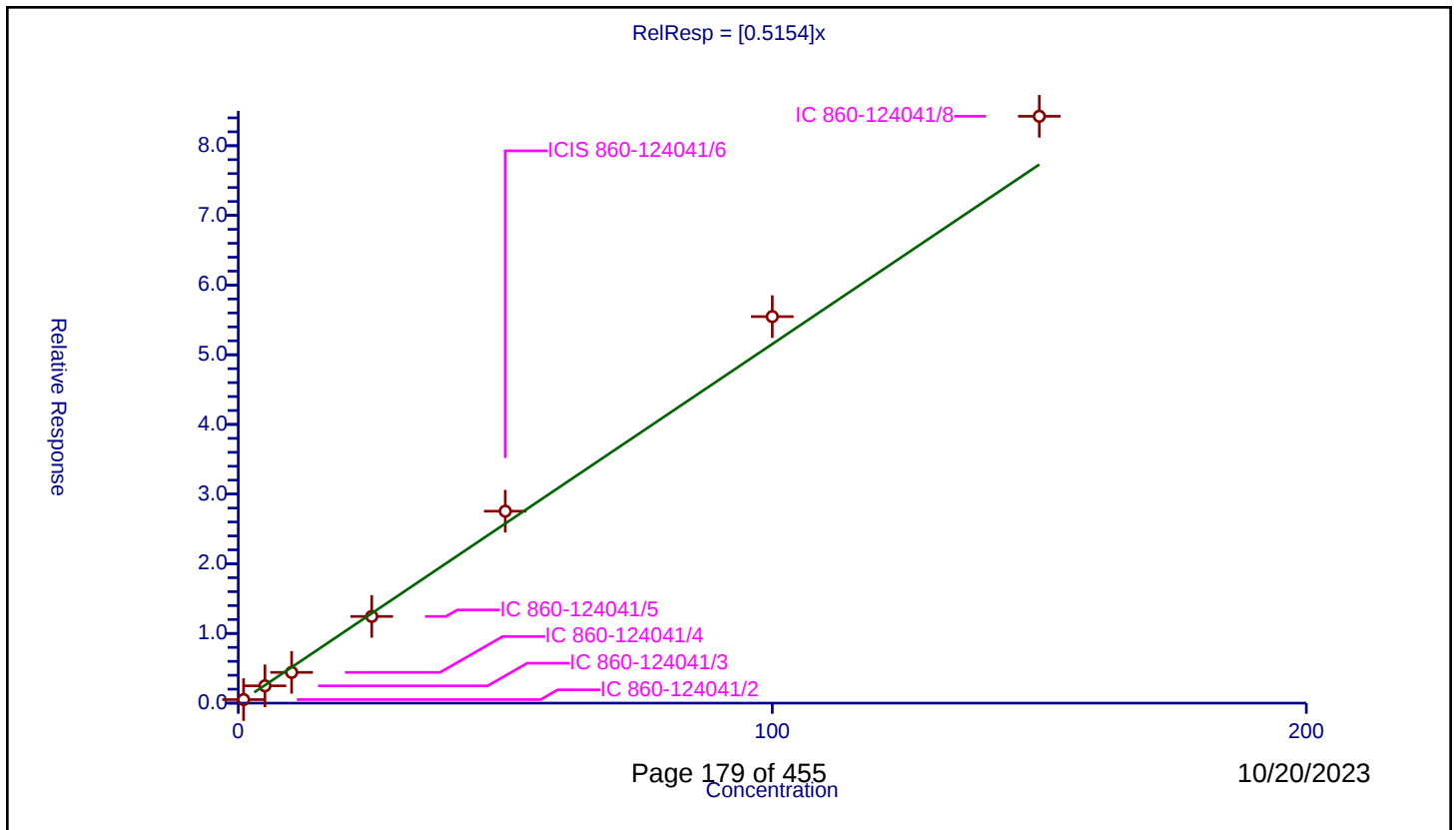
Curve Coefficients

Intercept: 0
Slope: 0.5154

Error Coefficients

Standard Error: 486000
Relative Standard Error: 8.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.504835	50.0	557212.0	0.504835	Y
2	IC 860-124041/3	5.0	2.482243	50.0	552726.0	0.496449	Y
3	IC 860-124041/4	10.0	4.415005	50.0	555560.0	0.4415	Y
4	IC 860-124041/5	25.0	12.442452	50.0	568007.0	0.497698	Y
5	ICIS 860-124041/6	50.0	27.545295	50.0	572468.0	0.550906	Y
6	IC 860-124041/7	100.0	55.476117	50.0	563611.0	0.554761	Y
7	IC 860-124041/8	150.0	84.224812	50.0	564960.0	0.561499	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

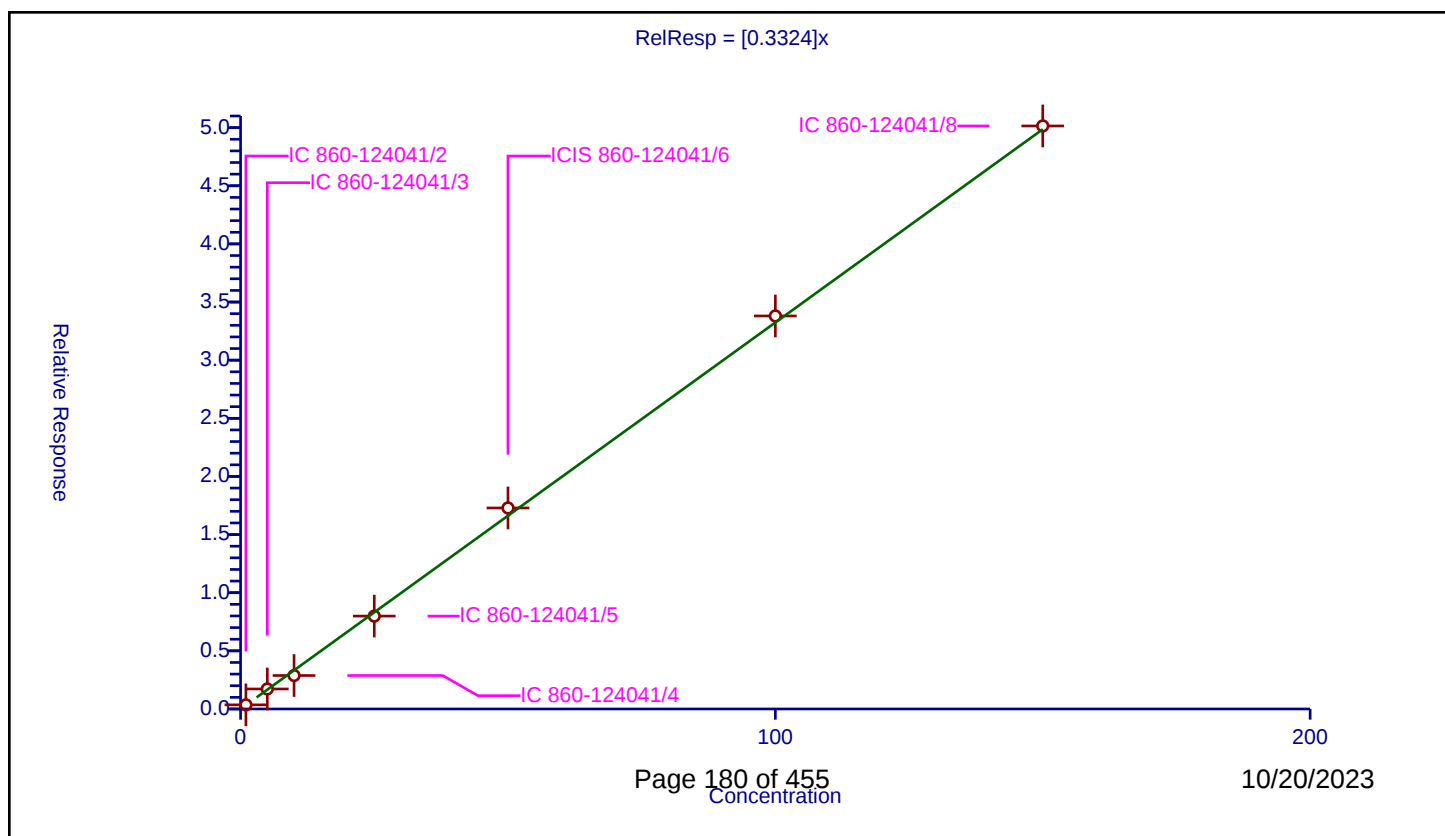
Curve Coefficients

Intercept: 0
Slope: 0.3324

Error Coefficients

Standard Error: 293000
Relative Standard Error: 6.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.357135	50.0	557212.0	0.357135	Y
2	IC 860-124041/3	5.0	1.720382	50.0	552726.0	0.344076	Y
3	IC 860-124041/4	10.0	2.878537	50.0	555560.0	0.287854	Y
4	IC 860-124041/5	25.0	7.990306	50.0	568007.0	0.319612	Y
5	ICIS 860-124041/6	50.0	17.290486	50.0	572468.0	0.34581	Y
6	IC 860-124041/7	100.0	33.802924	50.0	563611.0	0.338029	Y
7	IC 860-124041/8	150.0	50.145055	50.0	564960.0	0.3343	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

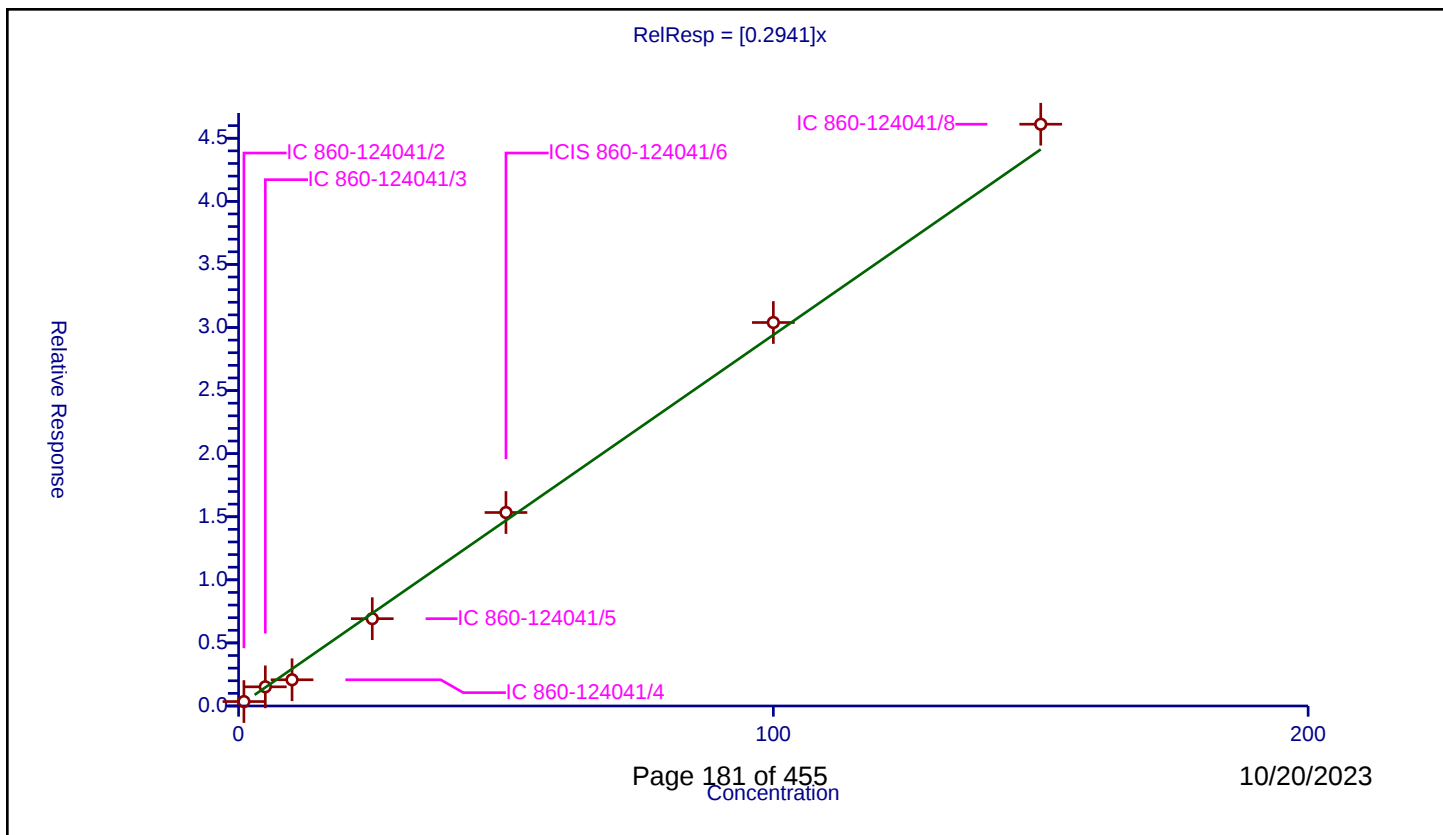
Curve Coefficients

Intercept: 0
Slope: 0.2941

Error Coefficients

Standard Error: 267000
Relative Standard Error: 15.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.352469	50.0	557212.0	0.352469	Y
2	IC 860-124041/3	5.0	1.51766	50.0	552726.0	0.303532	Y
3	IC 860-124041/4	10.0	2.078263	50.0	555560.0	0.207826	Y
4	IC 860-124041/5	25.0	6.920865	50.0	568007.0	0.276835	Y
5	ICIS 860-124041/6	50.0	15.335792	50.0	572468.0	0.306716	Y
6	IC 860-124041/7	100.0	30.394811	50.0	563611.0	0.303948	Y
7	IC 860-124041/8	150.0	46.111672	50.0	564960.0	0.307411	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

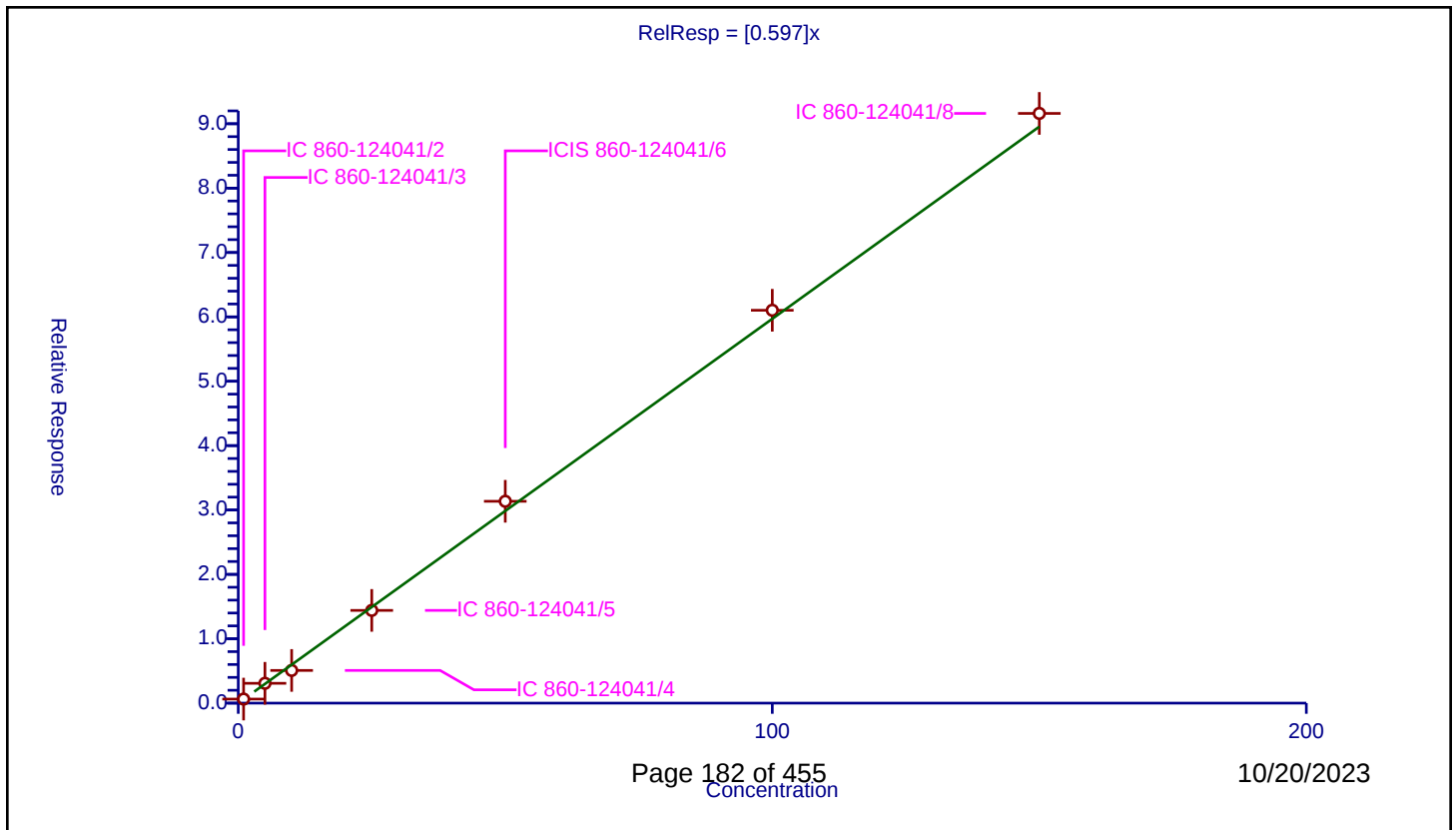
Curve Coefficients

Intercept: 0
Slope: 0.597

Error Coefficients

Standard Error: 533000
Relative Standard Error: 7.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.631088	50.0	557212.0	0.631088	Y
2	IC 860-124041/3	5.0	3.078741	50.0	552726.0	0.615748	Y
3	IC 860-124041/4	10.0	5.080189	50.0	555560.0	0.508019	Y
4	IC 860-124041/5	25.0	14.402199	50.0	568007.0	0.576088	Y
5	ICIS 860-124041/6	50.0	31.355552	50.0	572468.0	0.627111	Y
6	IC 860-124041/7	100.0	61.029859	50.0	563611.0	0.610299	Y
7	IC 860-124041/8	150.0	91.608167	50.0	564960.0	0.610721	Y



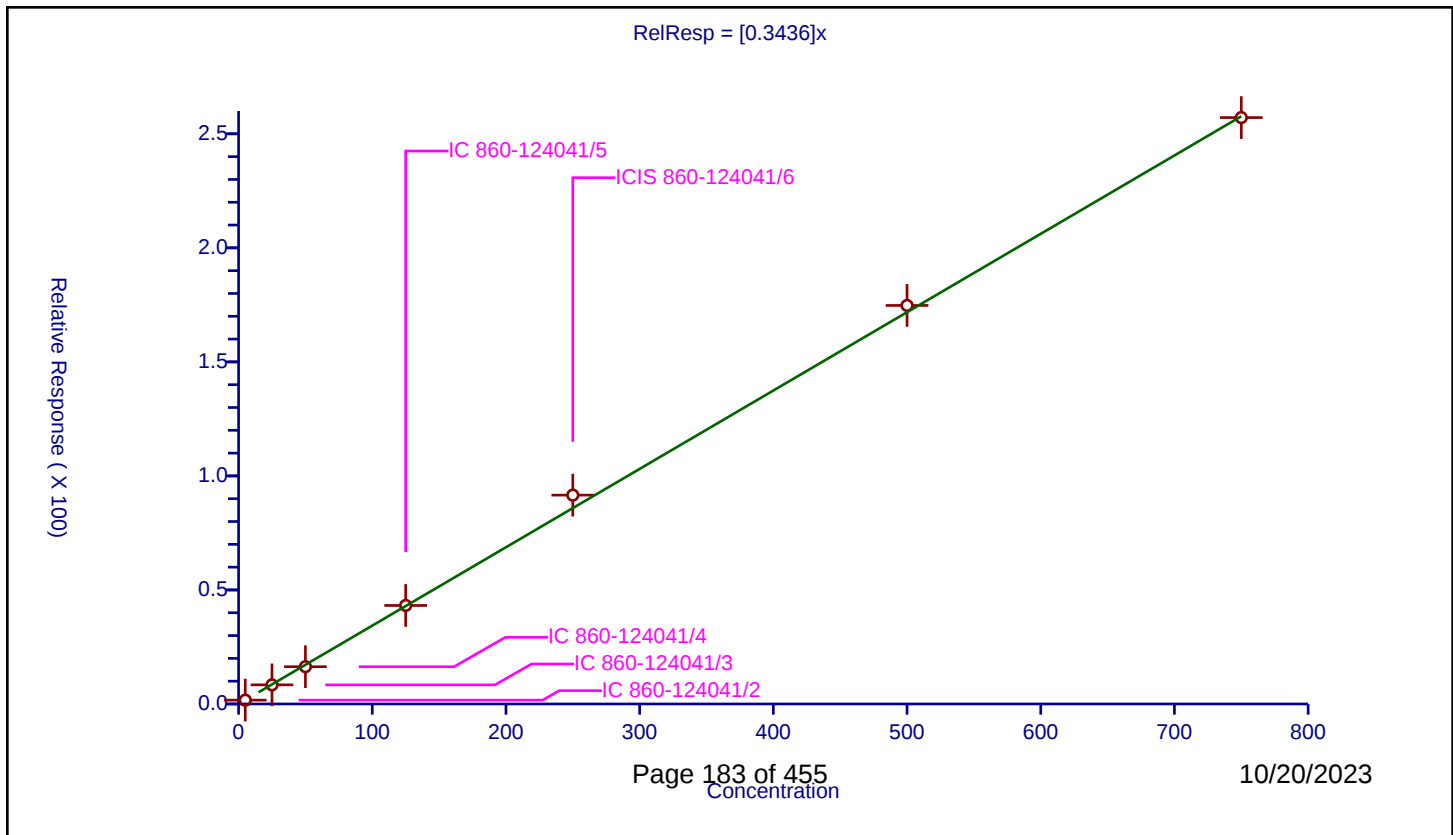
Calibration

/ 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:	0.3436
Error Coefficients	
Standard Error:	1510000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	5.0	1.692623	50.0	557212.0	0.338525	Y
2	IC 860-124041/3	25.0	8.383991	50.0	552726.0	0.33536	Y
3	IC 860-124041/4	50.0	16.349719	50.0	555560.0	0.326994	Y
4	IC 860-124041/5	125.0	43.194362	50.0	568007.0	0.345555	Y
5	ICIS 860-124041/6	250.0	91.586255	50.0	572468.0	0.366345	Y
6	IC 860-124041/7	500.0	174.754041	50.0	563611.0	0.349508	Y
7	IC 860-124041/8	750.0	257.118469	50.0	564960.0	0.342825	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

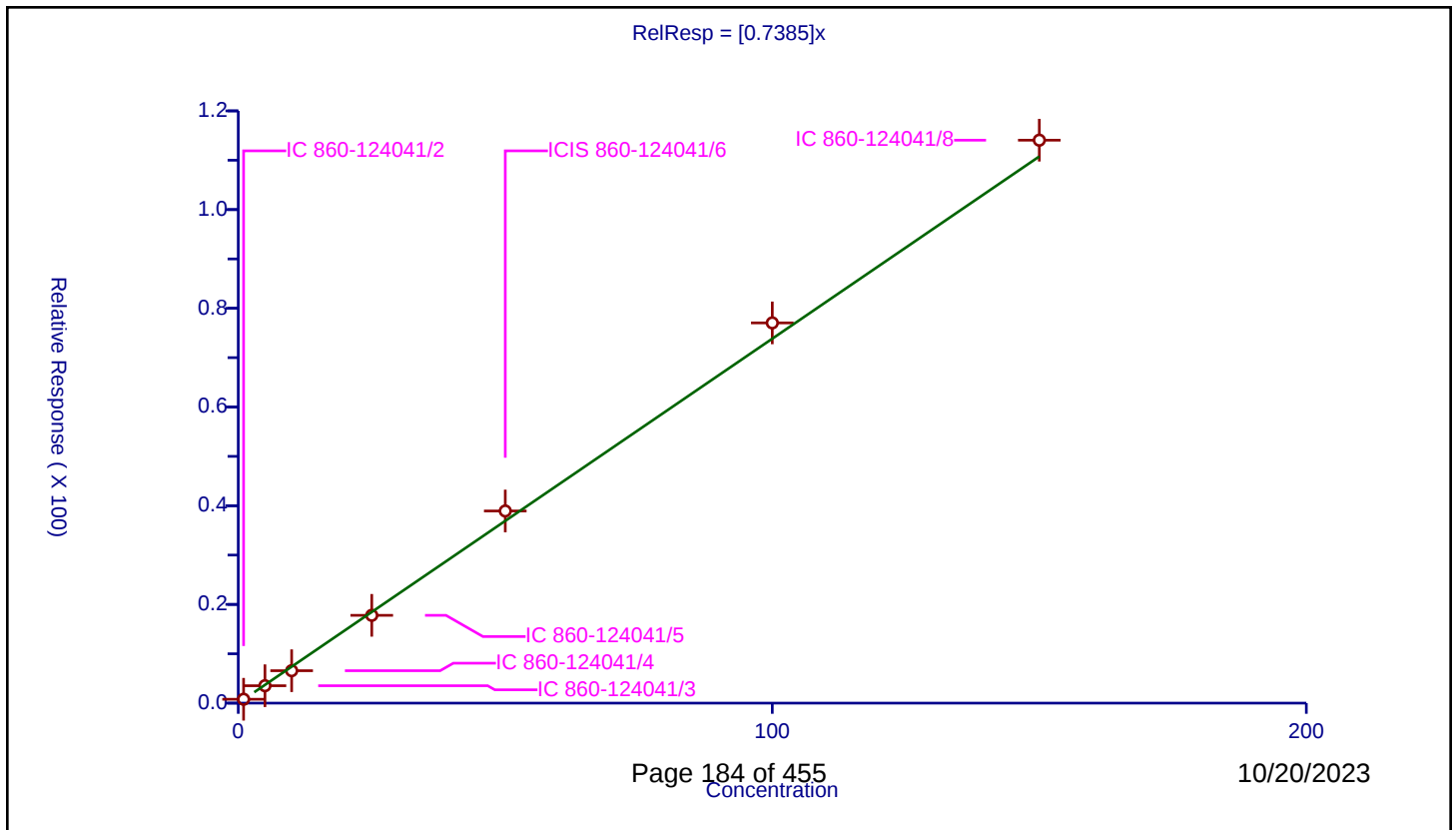
Curve Coefficients

Intercept: 0
Slope: 0.7385

Error Coefficients

Standard Error: 666000
Relative Standard Error: 6.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.785608	50.0	557212.0	0.785608	Y
2	IC 860-124041/3	5.0	3.52815	50.0	552726.0	0.70563	Y
3	IC 860-124041/4	10.0	6.567877	50.0	555560.0	0.656788	Y
4	IC 860-124041/5	25.0	17.790538	50.0	568007.0	0.711622	Y
5	ICIS 860-124041/6	50.0	38.933006	50.0	572468.0	0.77866	Y
6	IC 860-124041/7	100.0	77.041967	50.0	563611.0	0.77042	Y
7	IC 860-124041/8	150.0	114.064359	50.0	564960.0	0.760429	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

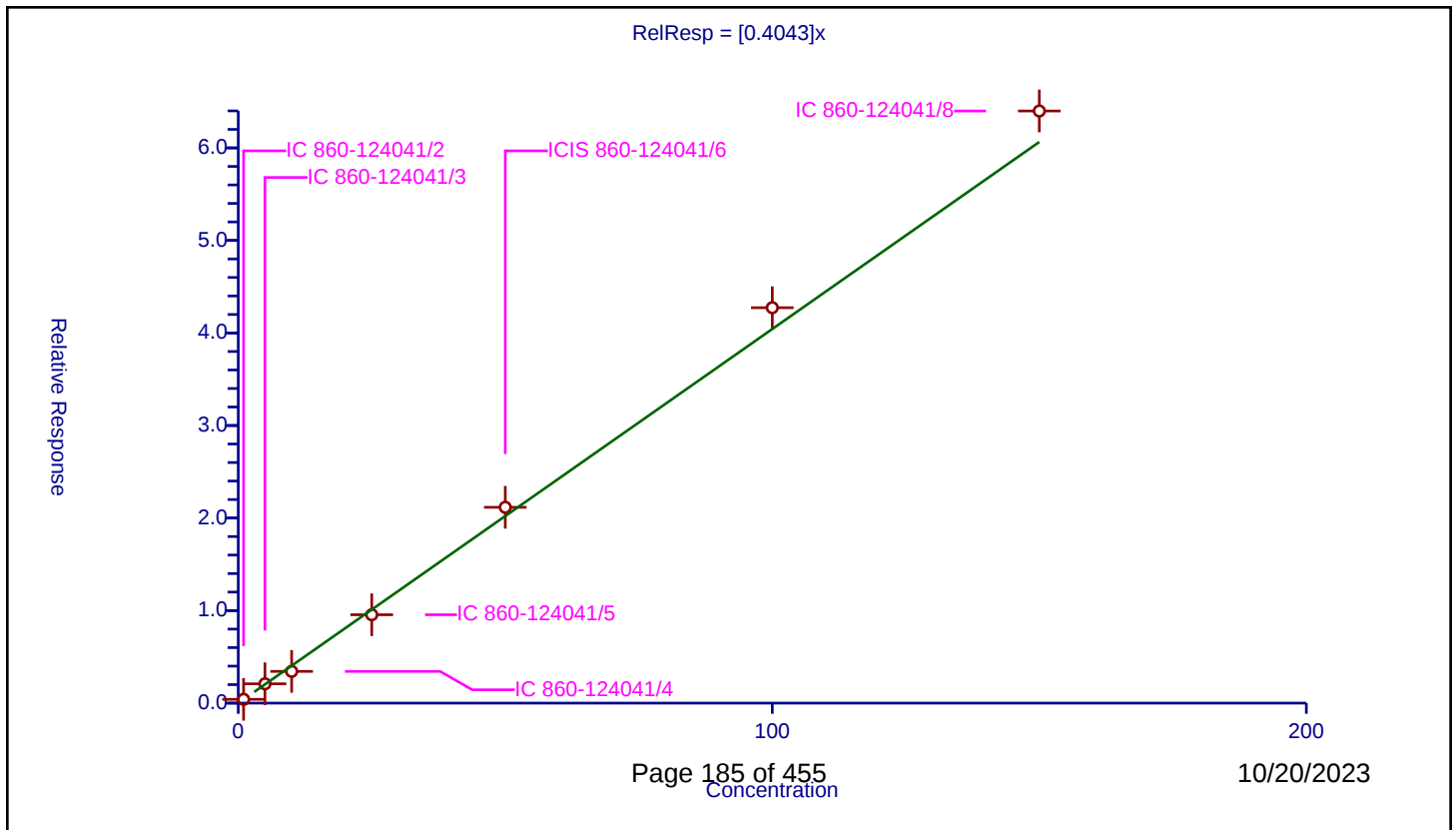
Curve Coefficients

Intercept: 0
Slope: 0.4043

Error Coefficients

Standard Error: 371000
Relative Standard Error: 7.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.410436	50.0	557212.0	0.410436	Y
2	IC 860-124041/3	5.0	2.08711	50.0	552726.0	0.417422	Y
3	IC 860-124041/4	10.0	3.429603	50.0	555560.0	0.34296	Y
4	IC 860-124041/5	25.0	9.549882	50.0	568007.0	0.381995	Y
5	ICIS 860-124041/6	50.0	21.162755	50.0	572468.0	0.423255	Y
6	IC 860-124041/7	100.0	42.731512	50.0	563611.0	0.427315	Y
7	IC 860-124041/8	150.0	63.987893	50.0	564960.0	0.426586	Y



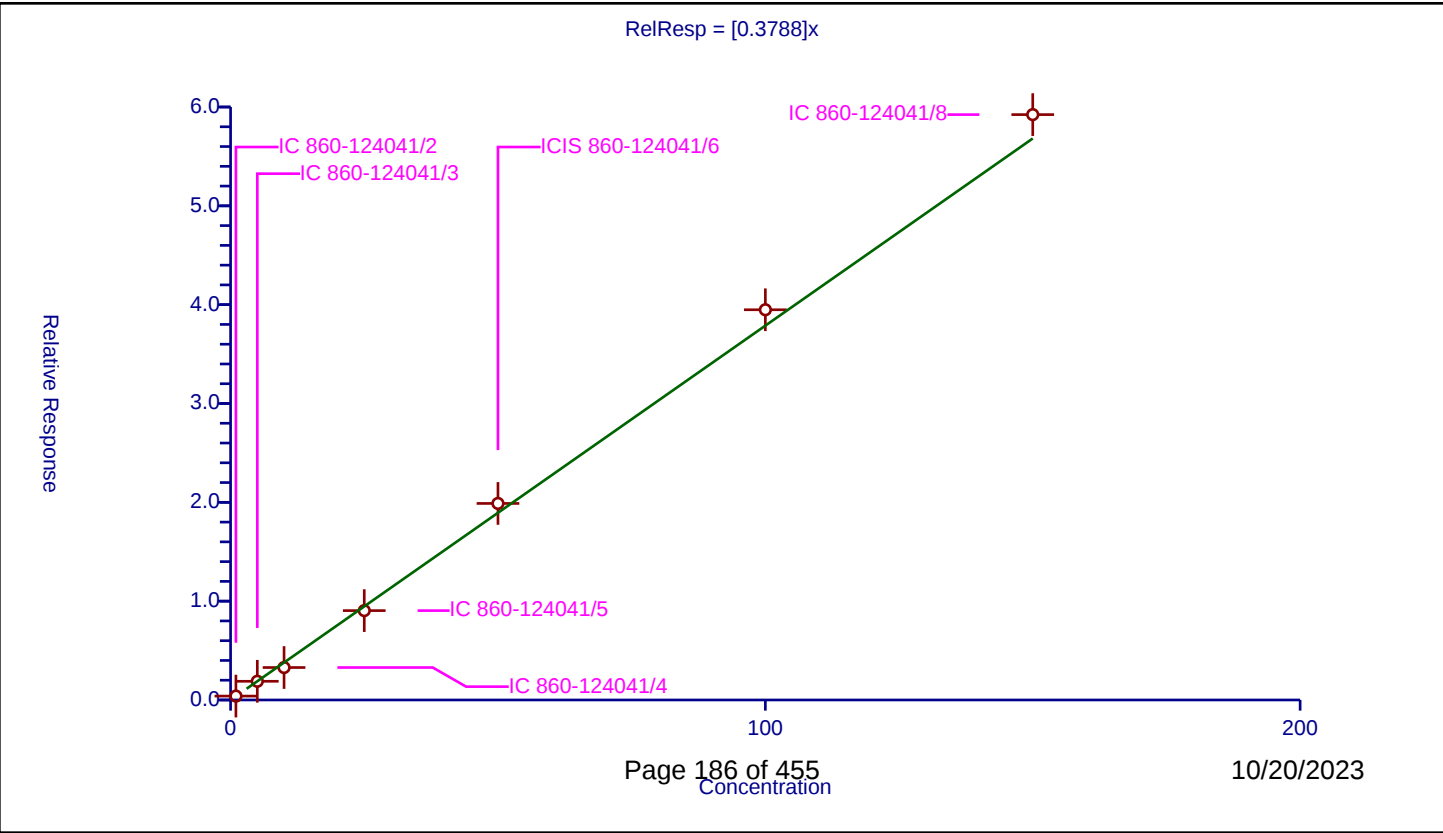
Calibration

/ 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:	0.3788
Error Coefficients	
Standard Error:	344000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.394913	50.0	557212.0	0.394913	Y
2	IC 860-124041/3	5.0	1.893976	50.0	552726.0	0.378795	Y
3	IC 860-124041/4	10.0	3.283804	50.0	555560.0	0.32838	Y
4	IC 860-124041/5	25.0	9.043991	50.0	568007.0	0.36176	Y
5	ICIS 860-124041/6	50.0	19.888535	50.0	572468.0	0.397771	Y
6	IC 860-124041/7	100.0	39.486099	50.0	563611.0	0.394861	Y
7	IC 860-124041/8	150.0	59.231804	50.0	564960.0	0.394879	Y



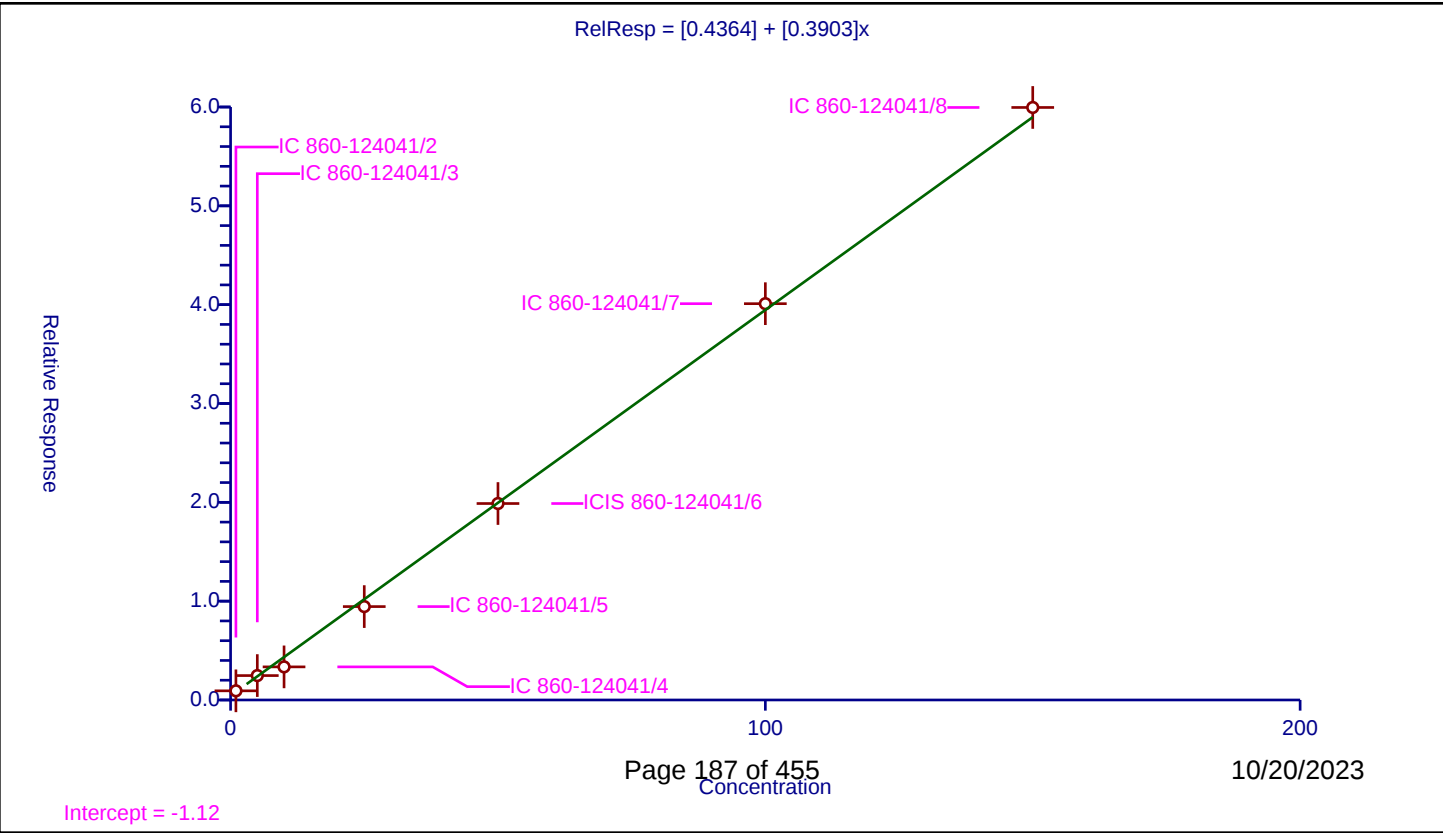
Calibration

/ 1-Chlorohexane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0.4364
Slope:	0.3903
Error Coefficients	
Standard Error:	382000
Relative Standard Error:	16.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.927205	50.0	557212.0	0.927205	Y
2	IC 860-124041/3	5.0	2.470302	50.0	552726.0	0.49406	Y
3	IC 860-124041/4	10.0	3.350313	50.0	555560.0	0.335031	Y
4	IC 860-124041/5	25.0	9.4505	50.0	568007.0	0.37802	Y
5	ICIS 860-124041/6	50.0	19.878753	50.0	572468.0	0.397575	Y
6	IC 860-124041/7	100.0	40.100619	50.0	563611.0	0.401006	Y
7	IC 860-124041/8	150.0	59.955218	50.0	564960.0	0.399701	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

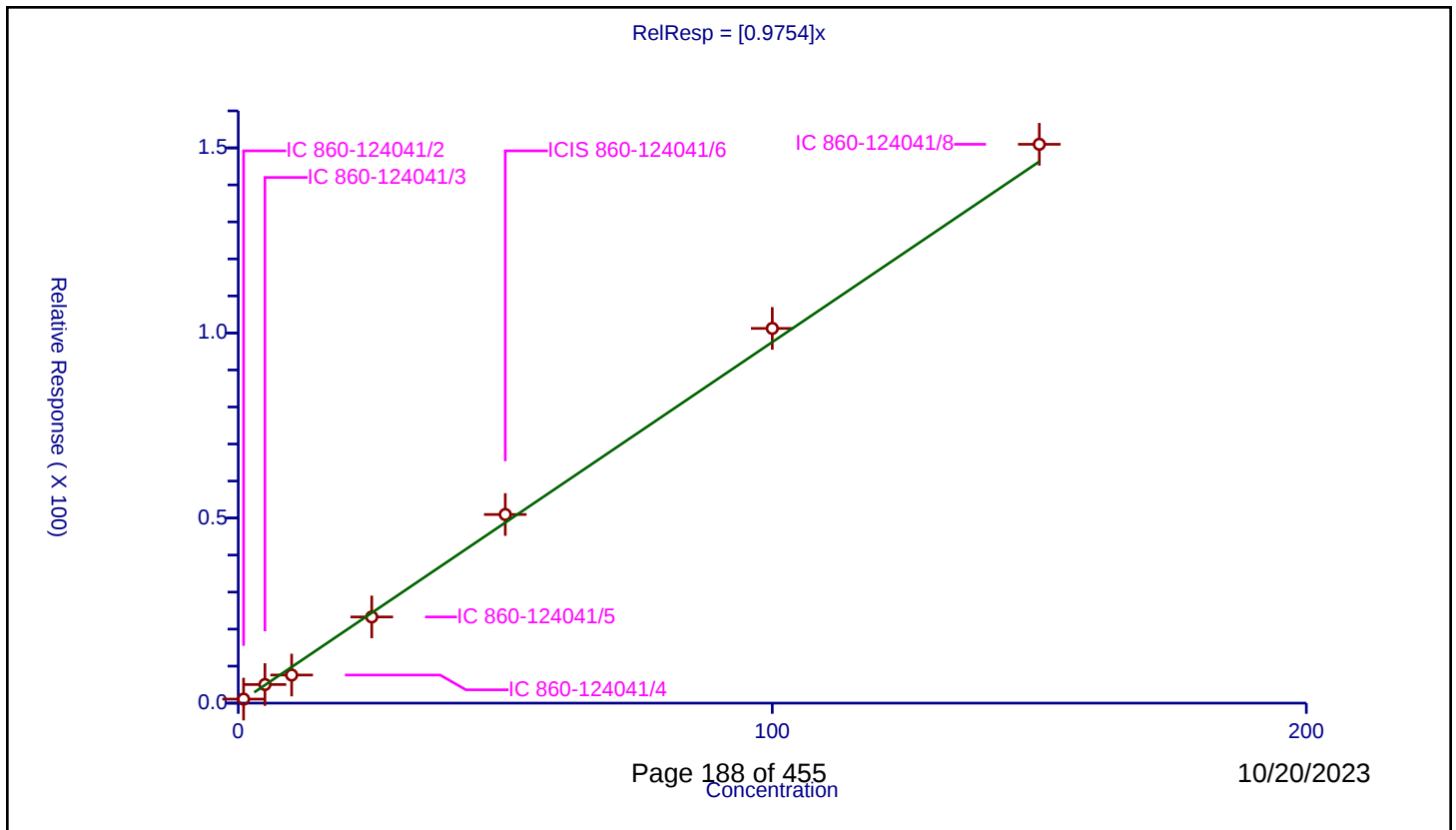
Curve Coefficients

Intercept: 0
Slope: 0.9754

Error Coefficients

Standard Error: 879000
Relative Standard Error: 10.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.093121	50.0	557212.0	1.093121	Y
2	IC 860-124041/3	5.0	5.027627	50.0	552726.0	1.005525	Y
3	IC 860-124041/4	10.0	7.596389	50.0	555560.0	0.759639	Y
4	IC 860-124041/5	25.0	23.28334	50.0	568007.0	0.931334	Y
5	ICIS 860-124041/6	50.0	50.960927	50.0	572468.0	1.019219	Y
6	IC 860-124041/7	100.0	101.237733	50.0	563611.0	1.012377	Y
7	IC 860-124041/8	150.0	150.973697	50.0	564960.0	1.006491	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

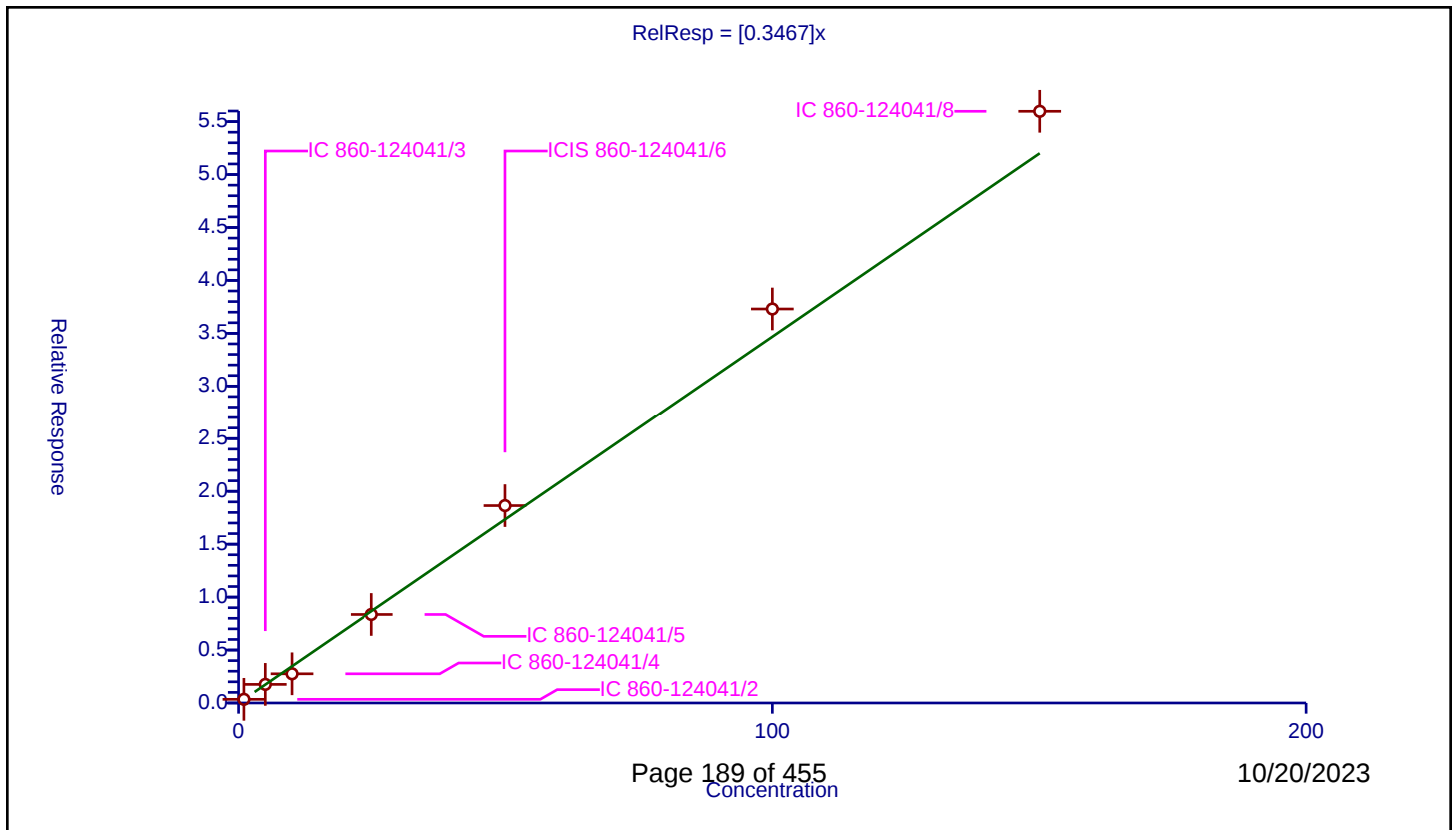
Curve Coefficients

Intercept: 0
Slope: 0.3467

Error Coefficients

Standard Error: 325000
Relative Standard Error: 10.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.346636	50.0	557212.0	0.346636	Y
2	IC 860-124041/3	5.0	1.756567	50.0	552726.0	0.351313	Y
3	IC 860-124041/4	10.0	2.756318	50.0	555560.0	0.275632	Y
4	IC 860-124041/5	25.0	8.360284	50.0	568007.0	0.334411	Y
5	ICIS 860-124041/6	50.0	18.646894	50.0	572468.0	0.372938	Y
6	IC 860-124041/7	100.0	37.30188	50.0	563611.0	0.373019	Y
7	IC 860-124041/8	150.0	55.974671	50.0	564960.0	0.373164	Y



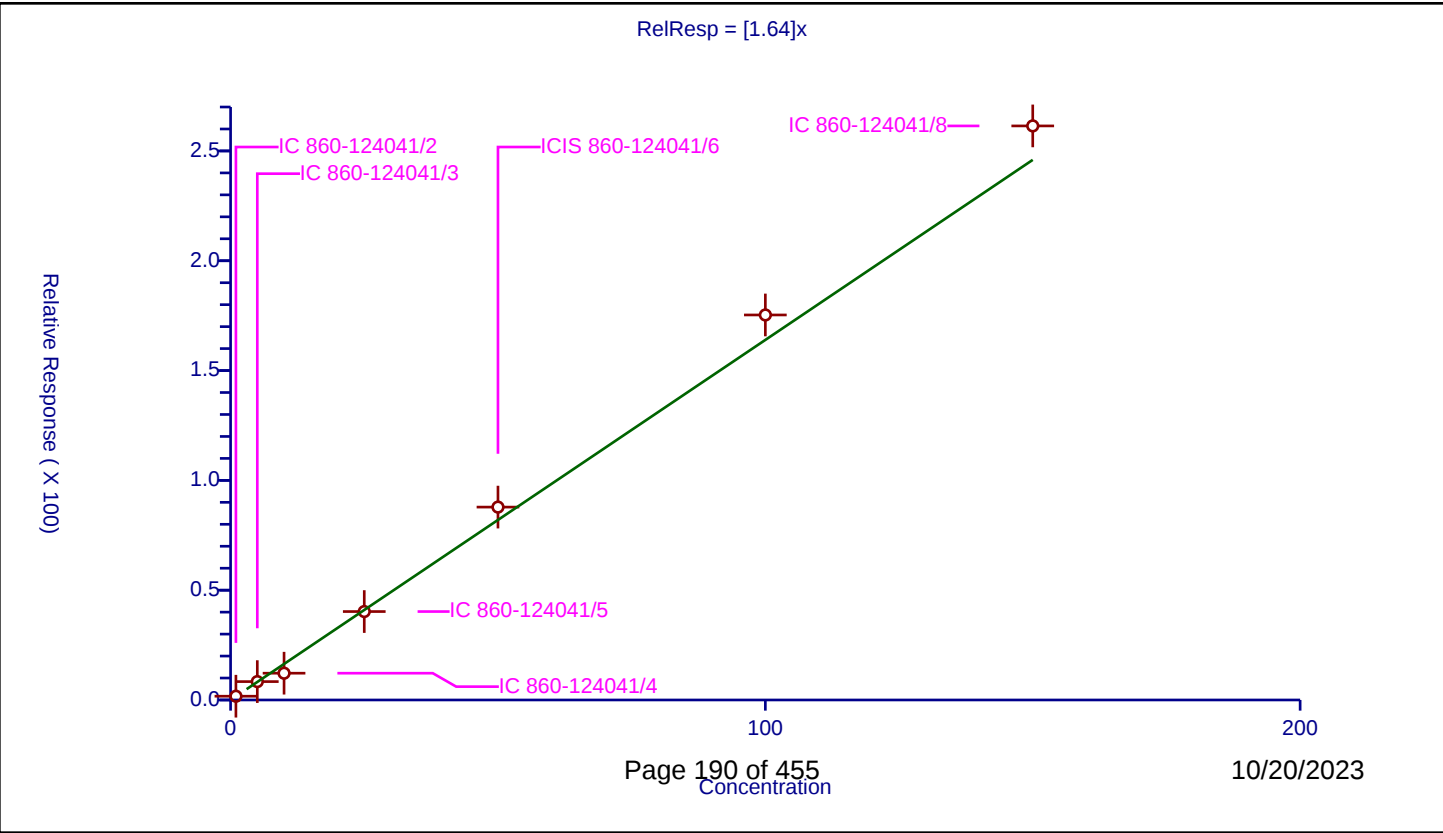
Calibration

/ 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:	1.64
Error Coefficients	
Standard Error:	1520000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.719274	50.0	557212.0	1.719274	Y
2	IC 860-124041/3	5.0	8.375759	50.0	552726.0	1.675152	Y
3	IC 860-124041/4	10.0	12.192832	50.0	555560.0	1.219283	Y
4	IC 860-124041/5	25.0	40.26755	50.0	568007.0	1.610702	Y
5	ICIS 860-124041/6	50.0	87.828053	50.0	572468.0	1.756561	Y
6	IC 860-124041/7	100.0	175.31347	50.0	563611.0	1.753135	Y
7	IC 860-124041/8	150.0	261.392488	50.0	564960.0	1.742617	Y



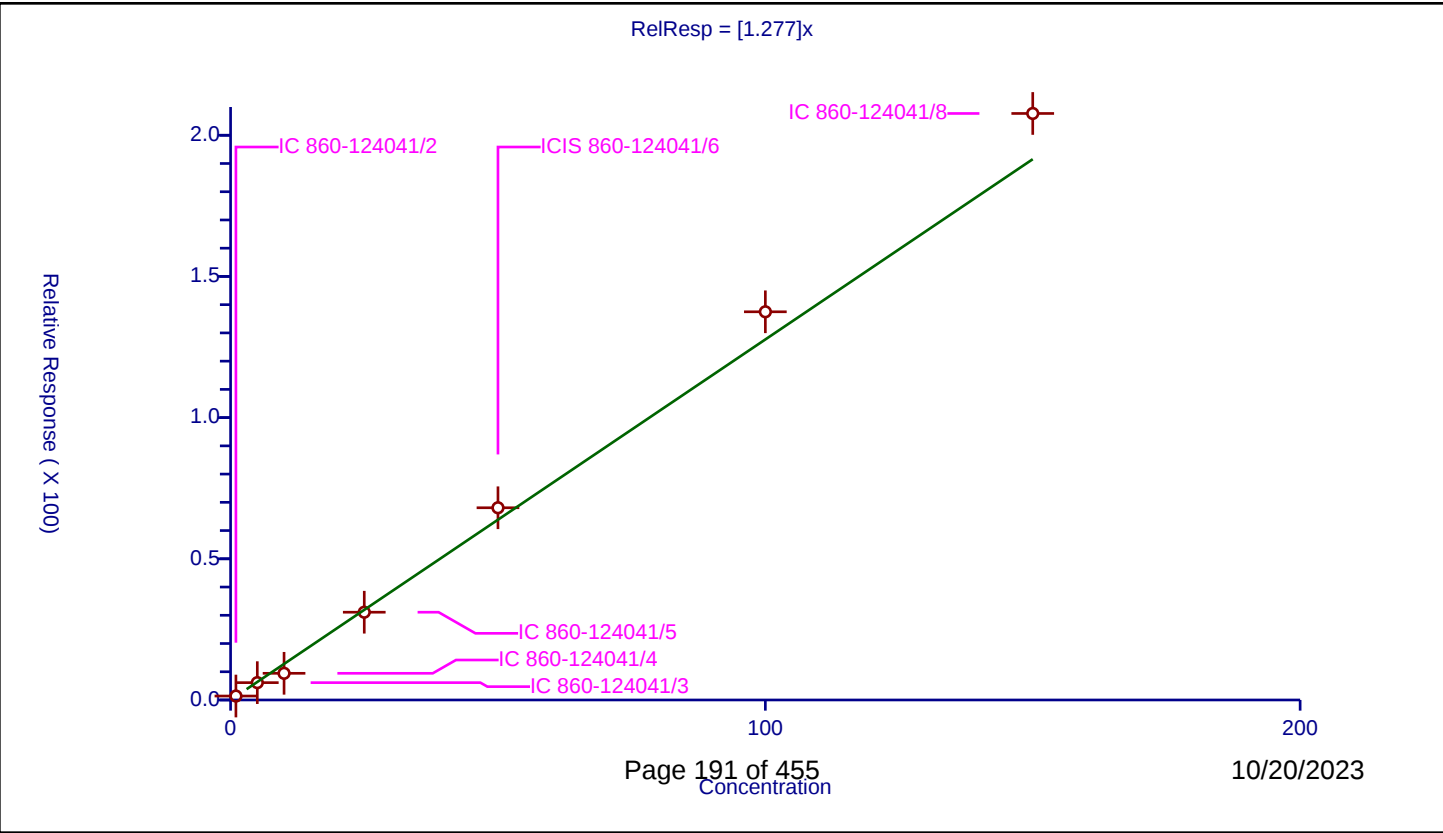
Calibration

/ 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:	1.277
Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	12.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.400095	50.0	557212.0	1.400095	Y
2	IC 860-124041/3	5.0	6.141379	50.0	552726.0	1.228276	Y
3	IC 860-124041/4	10.0	9.447404	50.0	555560.0	0.94474	Y
4	IC 860-124041/5	25.0	31.088877	50.0	568007.0	1.243555	Y
5	ICIS 860-124041/6	50.0	68.075683	50.0	572468.0	1.361514	Y
6	IC 860-124041/7	100.0	137.475582	50.0	563611.0	1.374756	Y
7	IC 860-124041/8	150.0	207.718777	50.0	564960.0	1.384792	Y



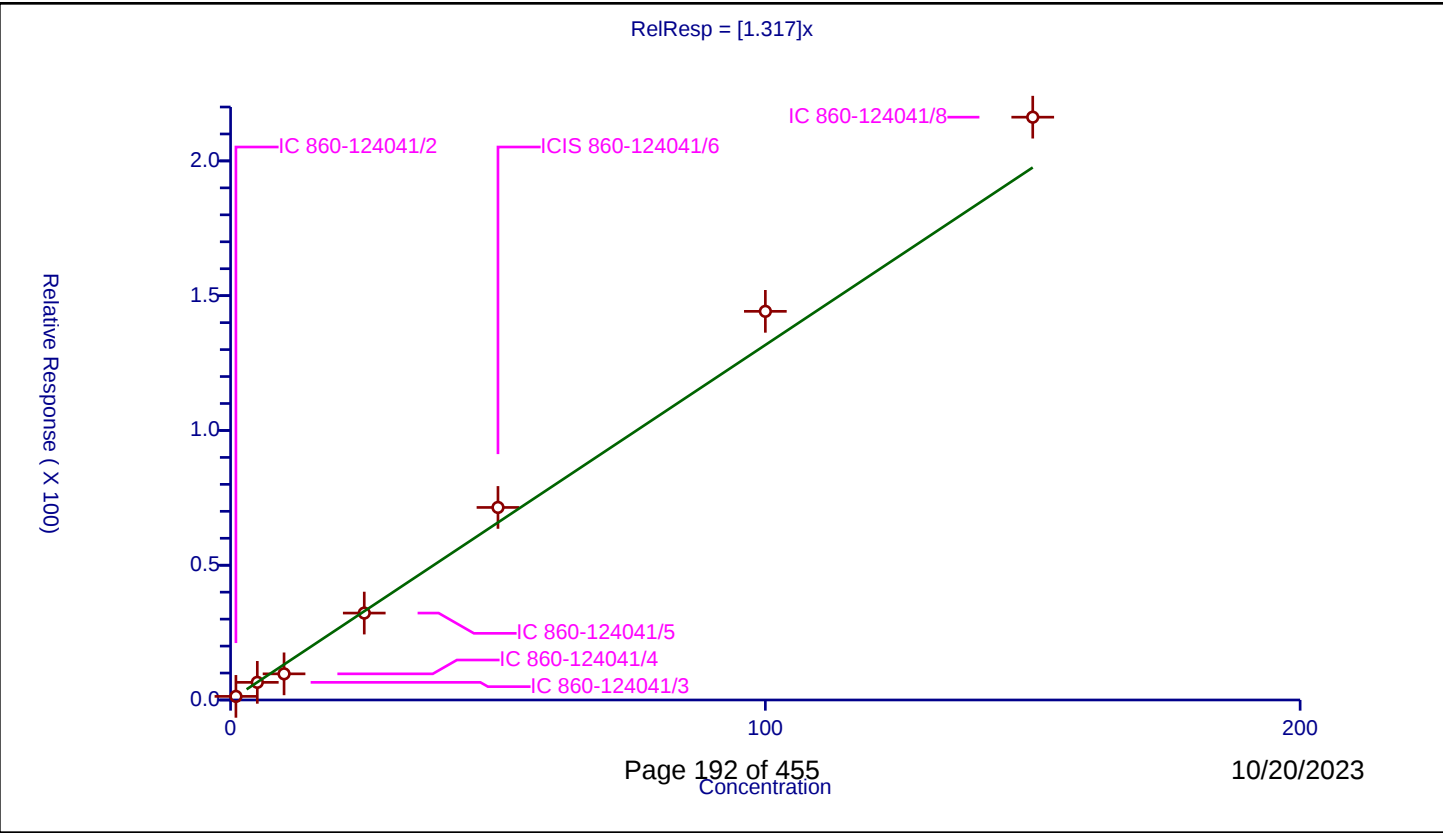
Calibration

/ 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:	1.317
Error Coefficients	
Standard Error:	1250000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.33836	50.0	557212.0	1.33836	Y
2	IC 860-124041/3	5.0	6.545377	50.0	552726.0	1.309075	Y
3	IC 860-124041/4	10.0	9.703722	50.0	555560.0	0.970372	Y
4	IC 860-124041/5	25.0	32.250395	50.0	568007.0	1.290016	Y
5	ICIS 860-124041/6	50.0	71.437705	50.0	572468.0	1.428754	Y
6	IC 860-124041/7	100.0	144.196884	50.0	563611.0	1.441969	Y
7	IC 860-124041/8	150.0	216.228494	50.0	564960.0	1.441523	Y



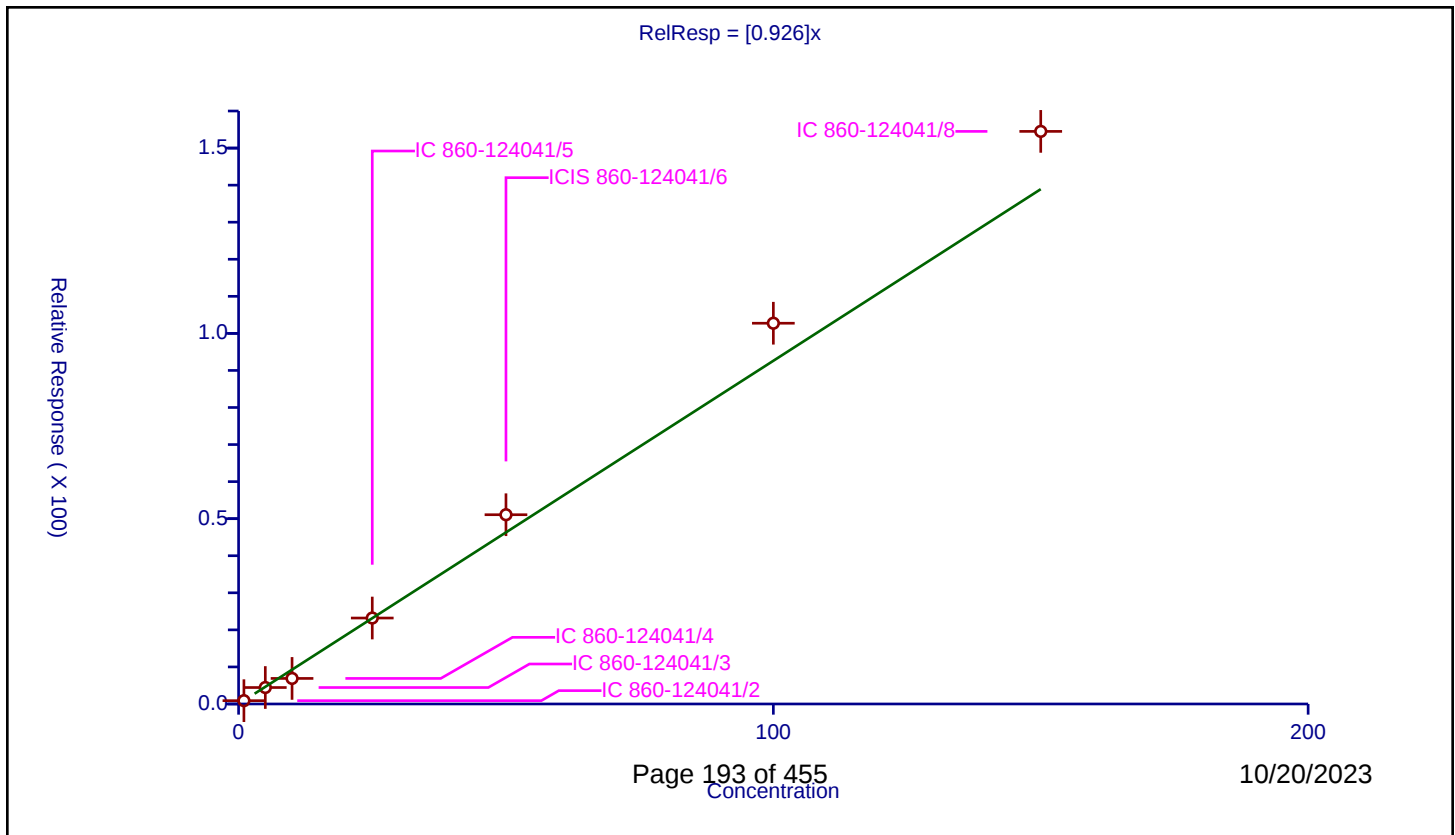
Calibration

/ 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:	0.926
Error Coefficients	
Standard Error:	895000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.897325	50.0	557212.0	0.897325	Y
2	IC 860-124041/3	5.0	4.444969	50.0	552726.0	0.888994	Y
3	IC 860-124041/4	10.0	6.895115	50.0	555560.0	0.689511	Y
4	IC 860-124041/5	25.0	23.193464	50.0	568007.0	0.927739	Y
5	ICIS 860-124041/6	50.0	51.066697	50.0	572468.0	1.021334	Y
6	IC 860-124041/7	100.0	102.741164	50.0	563611.0	1.027412	Y
7	IC 860-124041/8	150.0	154.500496	50.0	564960.0	1.030003	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

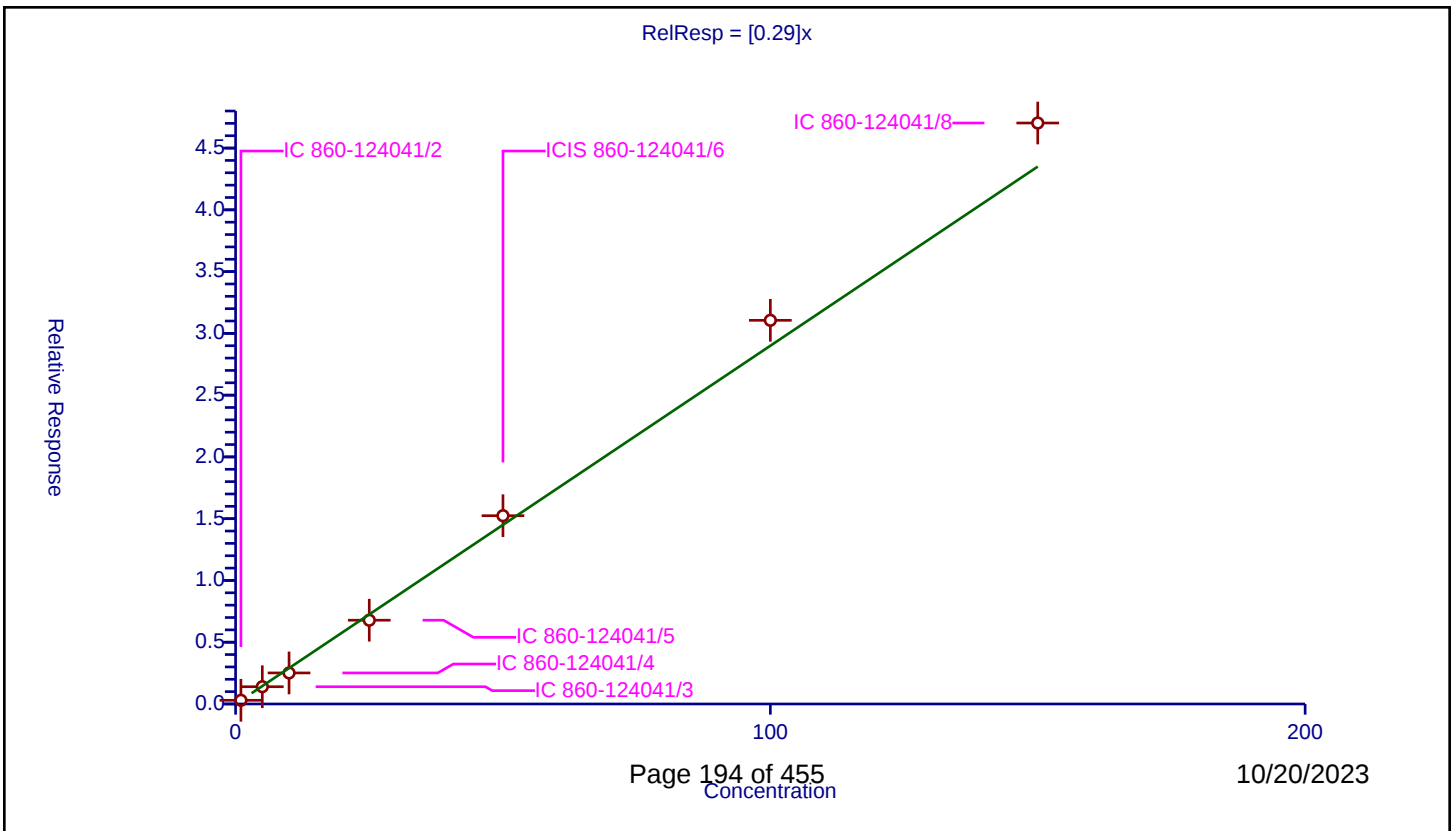
Curve Coefficients

Intercept: 0
Slope: 0.29

Error Coefficients

Standard Error: 272000
Relative Standard Error: 8.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.298809	50.0	557212.0	0.298809	Y
2	IC 860-124041/3	5.0	1.398342	50.0	552726.0	0.279668	Y
3	IC 860-124041/4	10.0	2.51314	50.0	555560.0	0.251314	Y
4	IC 860-124041/5	25.0	6.781078	50.0	568007.0	0.271243	Y
5	ICIS 860-124041/6	50.0	15.240241	50.0	572468.0	0.304805	Y
6	IC 860-124041/7	100.0	31.057236	50.0	563611.0	0.310572	Y
7	IC 860-124041/8	150.0	47.02917	50.0	564960.0	0.313528	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

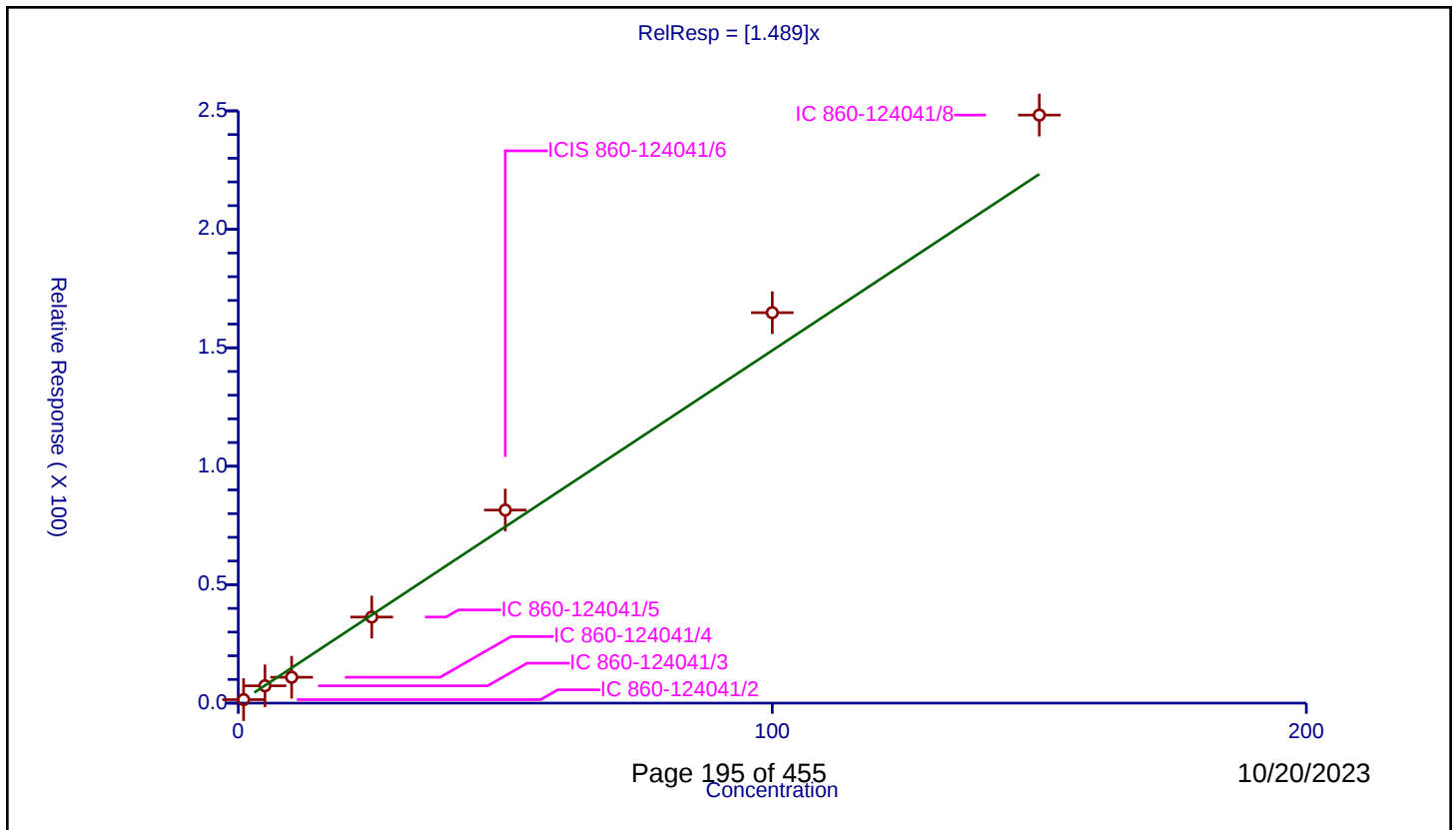
Curve Coefficients

Intercept: 0
Slope: 1.489

Error Coefficients

Standard Error: 1440000
Relative Standard Error: 13.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.479239	50.0	557212.0	1.479239	Y
2	IC 860-124041/3	5.0	7.314203	50.0	552726.0	1.462841	Y
3	IC 860-124041/4	10.0	10.925913	50.0	555560.0	1.092591	Y
4	IC 860-124041/5	25.0	36.333971	50.0	568007.0	1.453359	Y
5	ICIS 860-124041/6	50.0	81.497481	50.0	572468.0	1.62995	Y
6	IC 860-124041/7	100.0	164.821393	50.0	563611.0	1.648214	Y
7	IC 860-124041/8	150.0	248.231556	50.0	564960.0	1.654877	Y



Calibration

/ cis-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

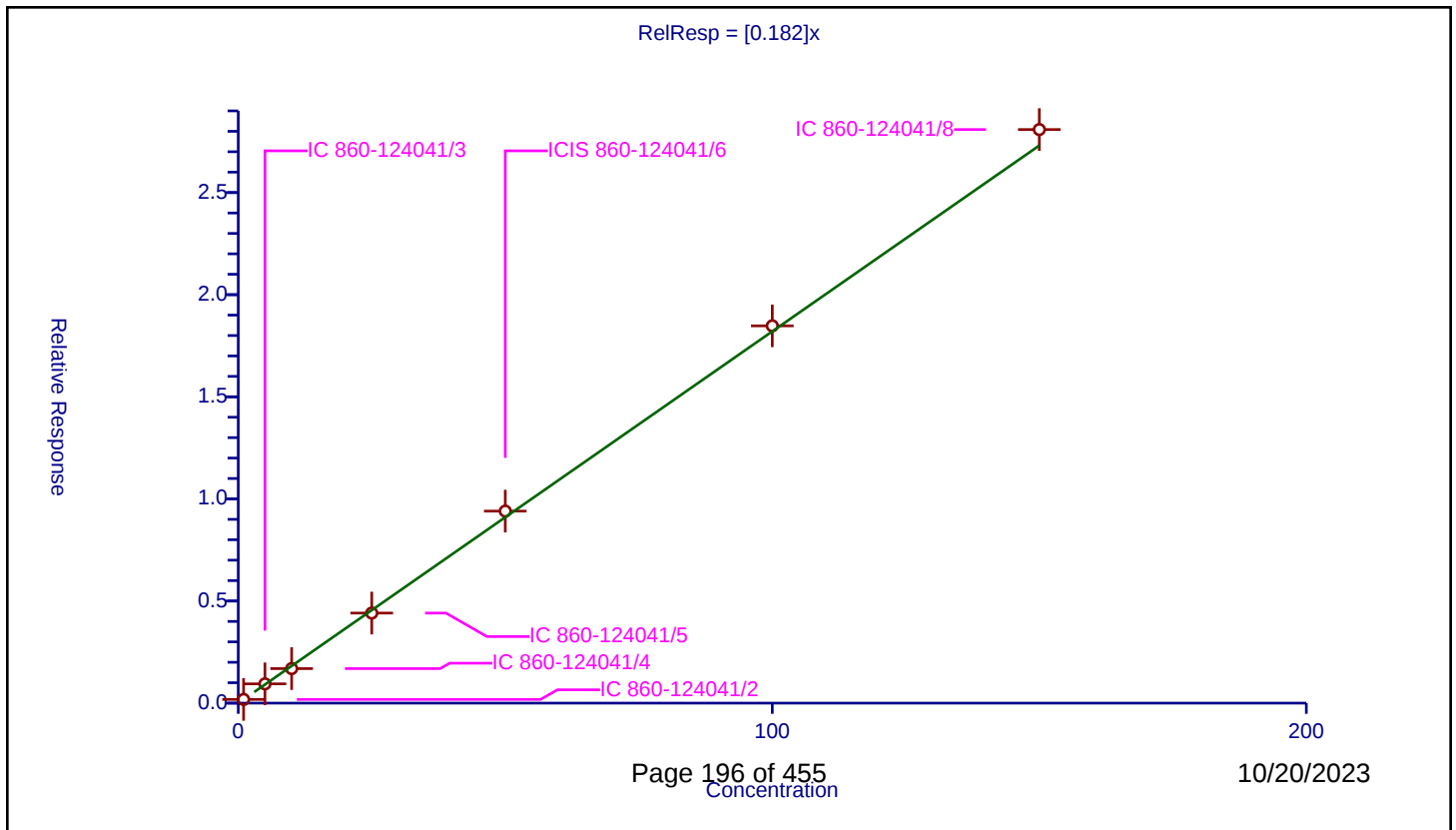
Curve Coefficients

Intercept: 0
Slope: 0.182

Error Coefficients

Standard Error: 163000
Relative Standard Error: 4.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.180003	50.0	557212.0	0.180003	Y
2	IC 860-124041/3	5.0	0.943415	50.0	552726.0	0.188683	Y
3	IC 860-124041/4	10.0	1.690636	50.0	555560.0	0.169064	Y
4	IC 860-124041/5	25.0	4.410509	50.0	568007.0	0.17642	Y
5	ICIS 860-124041/6	50.0	9.402622	50.0	572468.0	0.188052	Y
6	IC 860-124041/7	100.0	18.474001	50.0	563611.0	0.18474	Y
7	IC 860-124041/8	150.0	28.086148	50.0	564960.0	0.187241	Y



Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

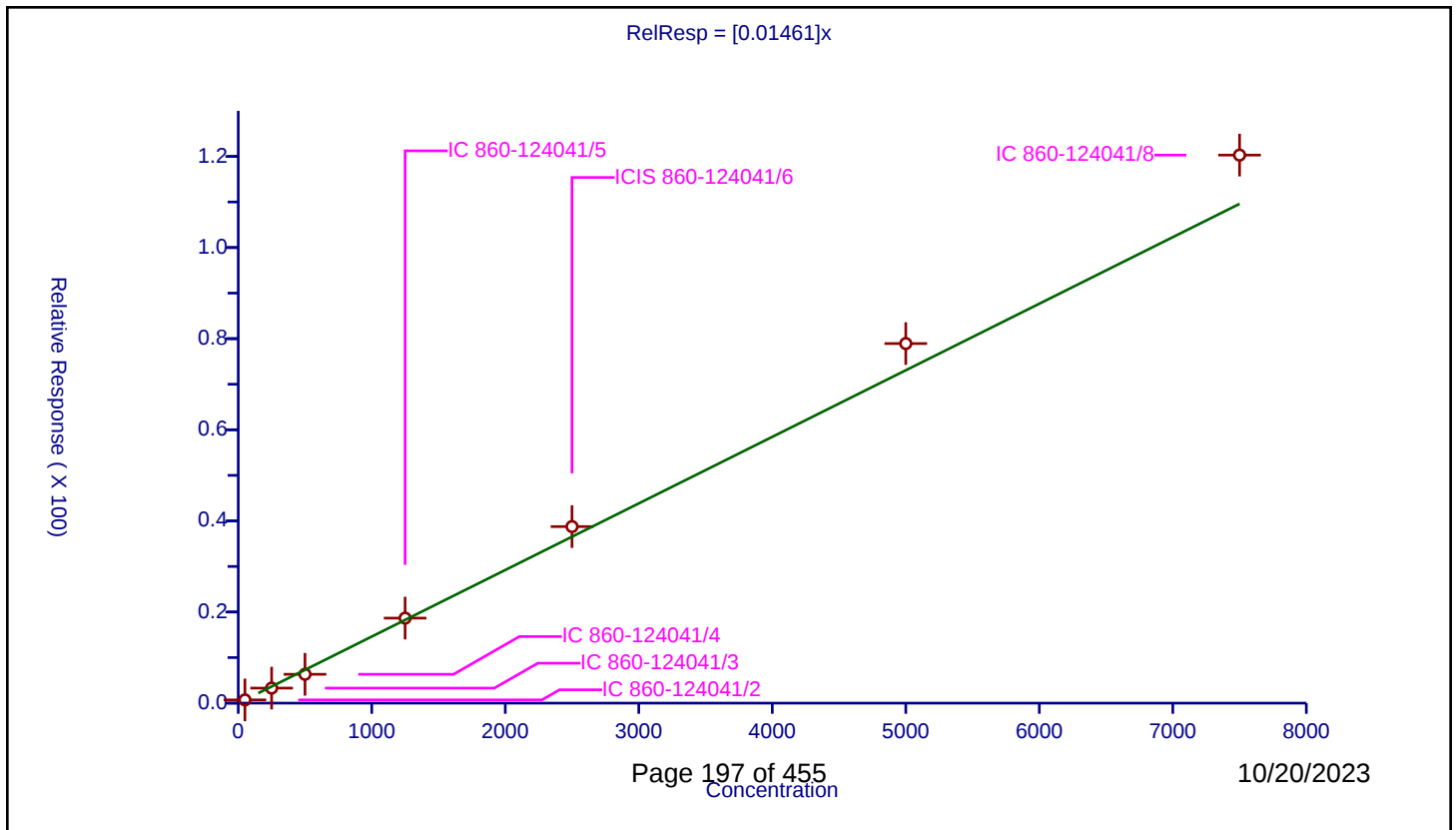
Curve Coefficients

Intercept: 0
Slope: 0.01461

Error Coefficients

Standard Error: 694000
Relative Standard Error: 9.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	50.0	0.708976	50.0	557212.0	0.01418	Y
2	IC 860-124041/3	250.0	3.298651	50.0	552726.0	0.013195	Y
3	IC 860-124041/4	500.0	6.329649	50.0	555560.0	0.012659	Y
4	IC 860-124041/5	1250.0	18.656812	50.0	568007.0	0.014925	Y
5	ICIS 860-124041/6	2500.0	38.752035	50.0	572468.0	0.015501	Y
6	IC 860-124041/7	5000.0	78.927044	50.0	563611.0	0.015785	Y
7	IC 860-124041/8	7500.0	120.297101	50.0	564960.0	0.01604	Y



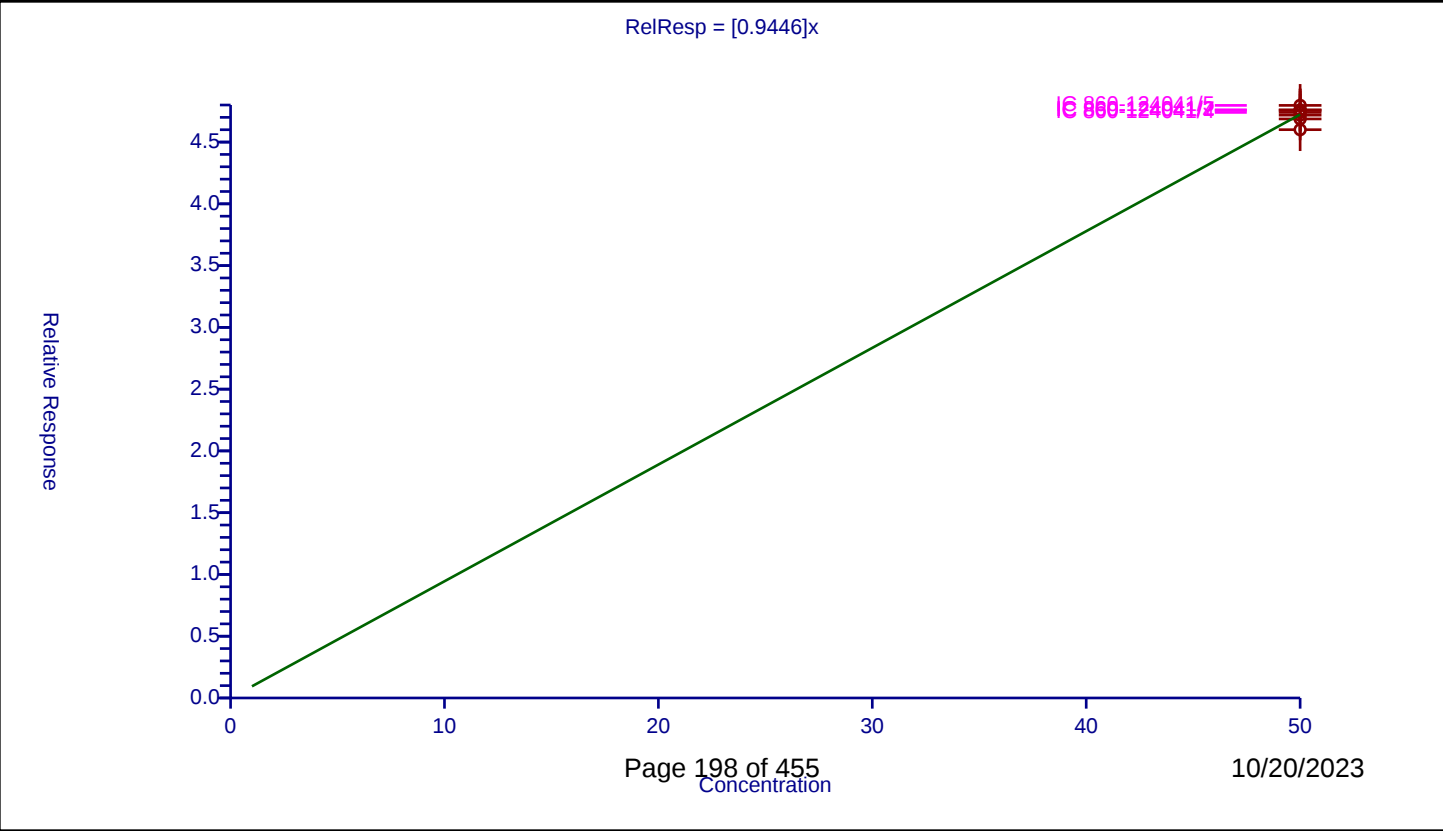
Calibration

/ 4-Bromofluorobenzene (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:	0.9446
Error Coefficients	
Standard Error:	302000
Relative Standard Error:	1.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	50.0	47.582623	50.0	278132.0	0.951652	Y
2	IC 860-124041/3	50.0	47.177808	50.0	291263.0	0.943556	Y
3	IC 860-124041/4	50.0	47.400357	50.0	295406.0	0.948007	Y
4	IC 860-124041/5	50.0	47.970748	50.0	297967.0	0.959415	Y
5	ICIS 860-124041/6	50.0	46.872362	50.0	311577.0	0.937447	Y
6	IC 860-124041/7	50.0	47.605603	50.0	294688.0	0.952112	Y
7	IC 860-124041/8	50.0	46.004064	50.0	305598.0	0.920081	Y



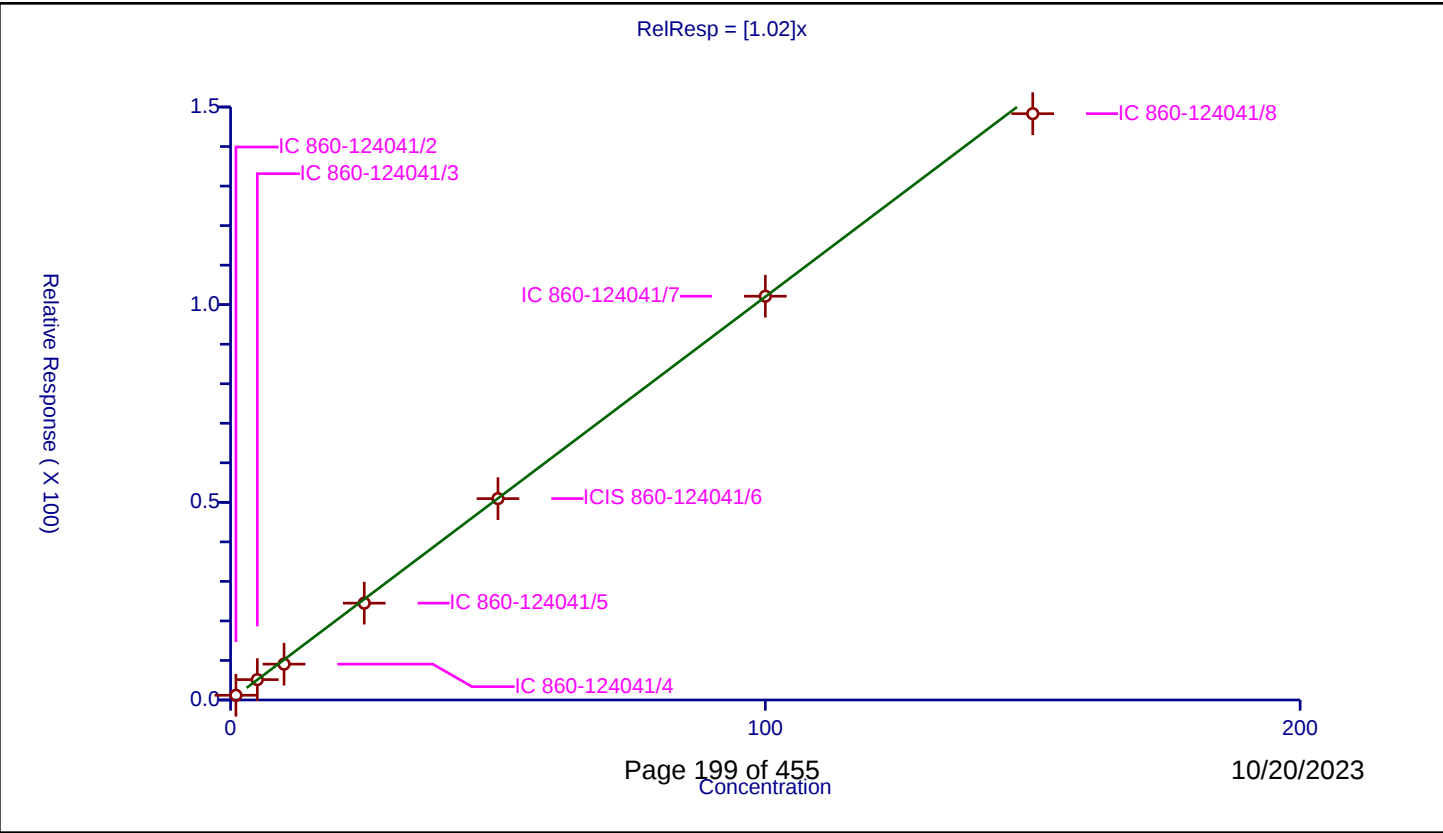
Calibration

/ 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:	1.02
Error Coefficients	
Standard Error:	467000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.194936	50.0	278132.0	1.194936	Y
2	IC 860-124041/3	5.0	5.14947	50.0	291263.0	1.029894	Y
3	IC 860-124041/4	10.0	9.067182	50.0	295406.0	0.906718	Y
4	IC 860-124041/5	25.0	24.498686	50.0	297967.0	0.979947	Y
5	ICIS 860-124041/6	50.0	50.938933	50.0	311577.0	1.018779	Y
6	IC 860-124041/7	100.0	102.138194	50.0	294688.0	1.021382	Y
7	IC 860-124041/8	150.0	148.315761	50.0	305598.0	0.988772	Y



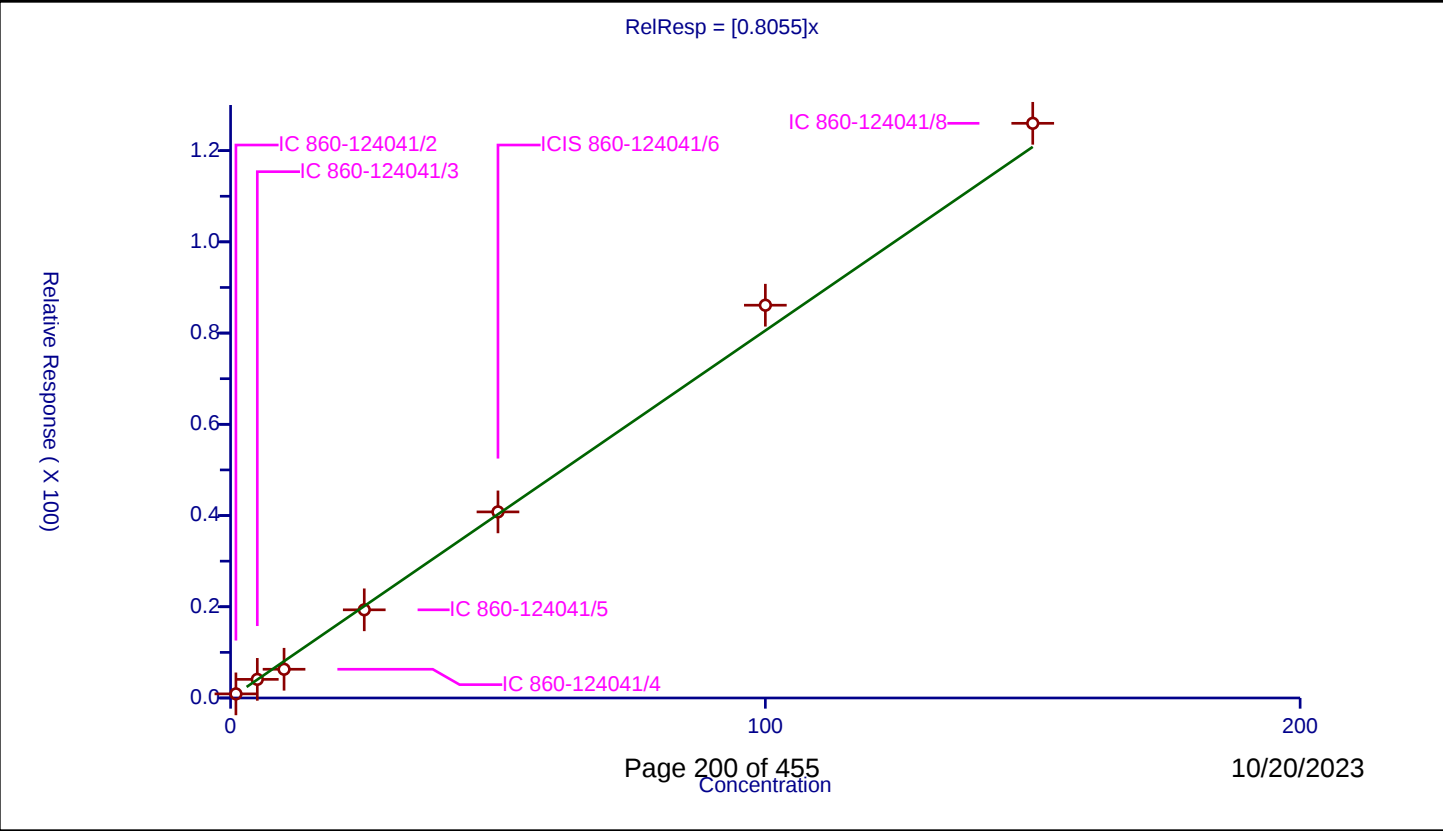
Calibration

/ 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:	0.8055
Error Coefficients	
Standard Error:	394000
Relative Standard Error:	10.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.90209	50.0	278132.0	0.90209	Y
2	IC 860-124041/3	5.0	4.08308	50.0	291263.0	0.816616	Y
3	IC 860-124041/4	10.0	6.296419	50.0	295406.0	0.629642	Y
4	IC 860-124041/5	25.0	19.331671	50.0	297967.0	0.773267	Y
5	ICIS 860-124041/6	50.0	40.795534	50.0	311577.0	0.815911	Y
6	IC 860-124041/7	100.0	86.110395	50.0	294688.0	0.861104	Y
7	IC 860-124041/8	150.0	125.98659	50.0	305598.0	0.839911	Y



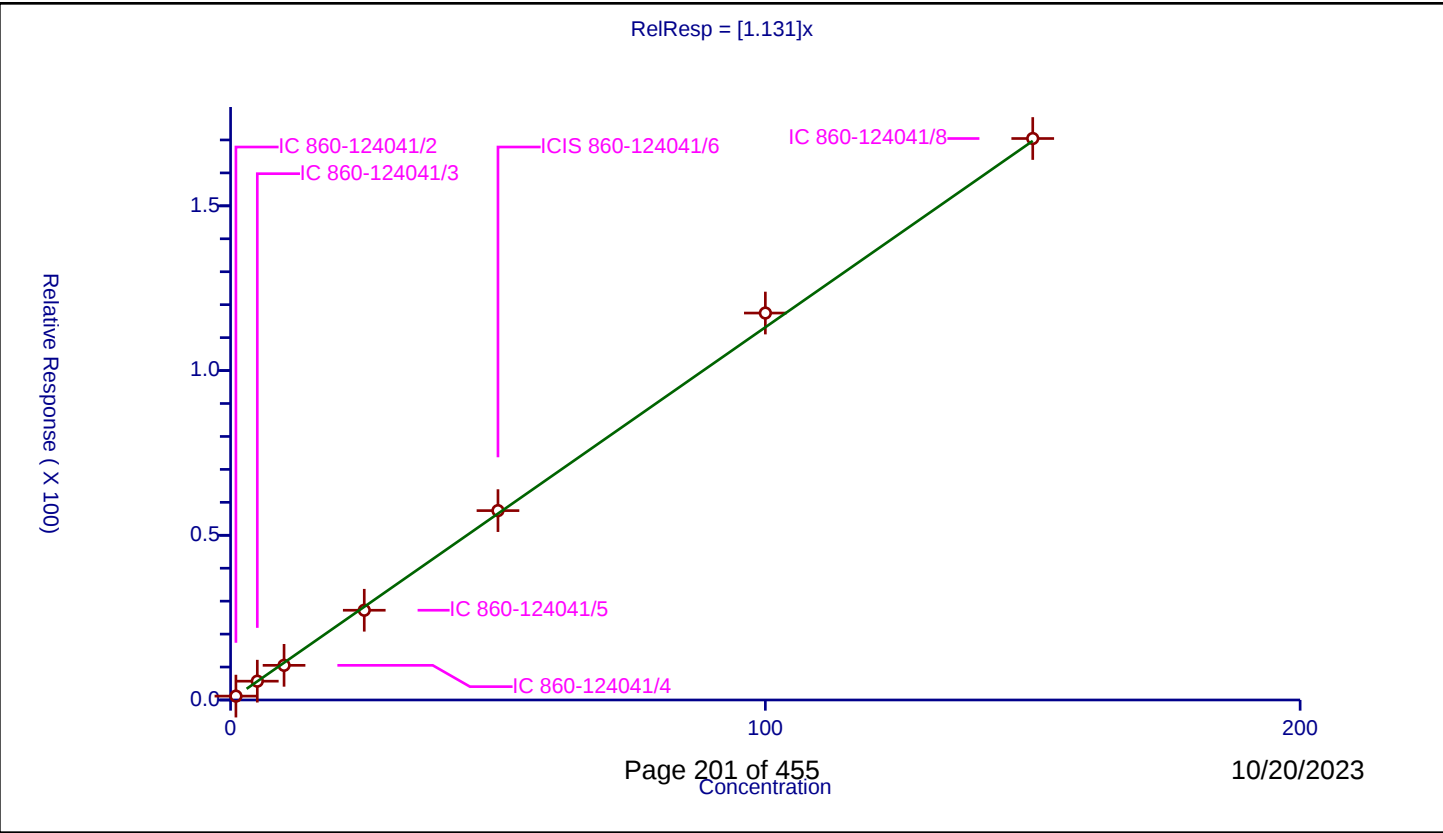
Calibration

/ 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:	1.131
Error Coefficients	
Standard Error:	536000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.175881	50.0	278132.0	1.175881	Y
2	IC 860-124041/3	5.0	5.710475	50.0	291263.0	1.142095	Y
3	IC 860-124041/4	10.0	10.517051	50.0	295406.0	1.051705	Y
4	IC 860-124041/5	25.0	27.239594	50.0	297967.0	1.089584	Y
5	ICIS 860-124041/6	50.0	57.488518	50.0	311577.0	1.14977	Y
6	IC 860-124041/7	100.0	117.460161	50.0	294688.0	1.174602	Y
7	IC 860-124041/8	150.0	170.442869	50.0	305598.0	1.136286	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

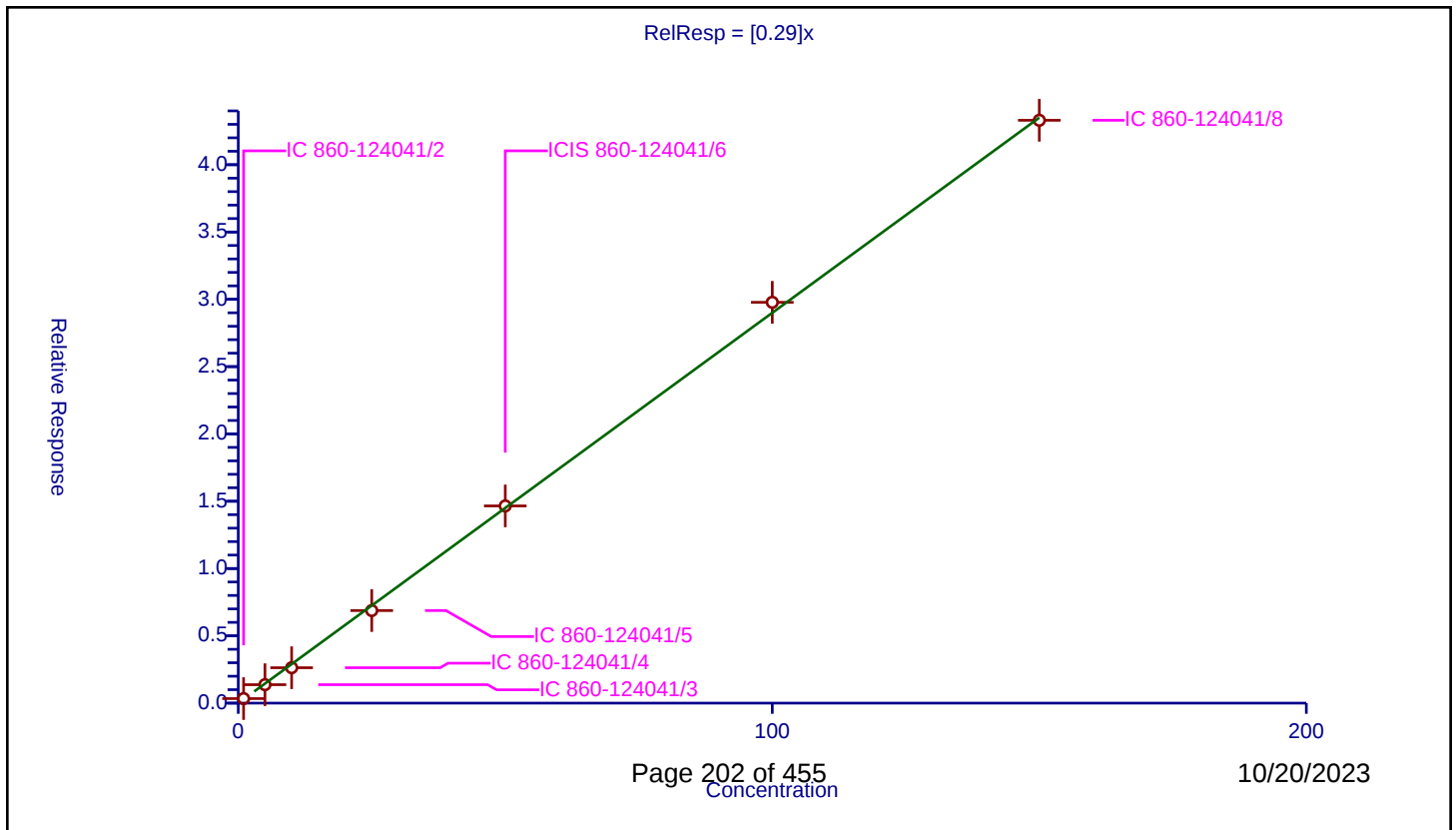
Curve Coefficients

Intercept: 0
Slope: 0.29

Error Coefficients

Standard Error: 136000
Relative Standard Error: 8.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.338149	50.0	278132.0	0.338149	Y
2	IC 860-124041/3	5.0	1.370583	50.0	291263.0	0.274117	Y
3	IC 860-124041/4	10.0	2.630448	50.0	295406.0	0.263045	Y
4	IC 860-124041/5	25.0	6.877775	50.0	297967.0	0.275111	Y
5	ICIS 860-124041/6	50.0	14.652237	50.0	311577.0	0.293045	Y
6	IC 860-124041/7	100.0	29.778783	50.0	294688.0	0.297788	Y
7	IC 860-124041/8	150.0	43.301985	50.0	305598.0	0.28868	Y



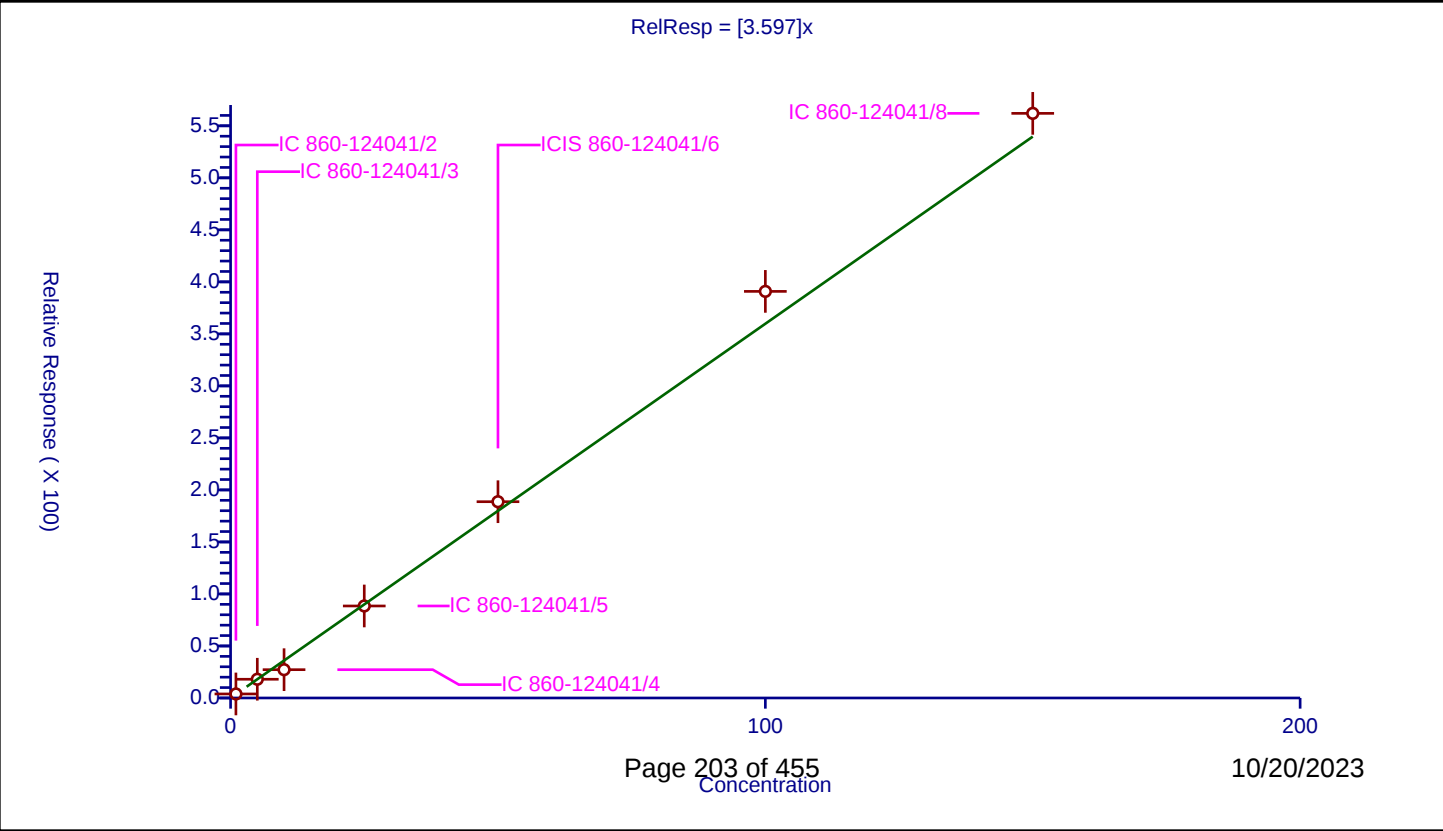
Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.597
Error Coefficients	
Standard Error:	1770000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	3.892217	50.0	278132.0	3.892217	Y
2	IC 860-124041/3	5.0	18.02014	50.0	291263.0	3.604028	Y
3	IC 860-124041/4	10.0	27.198161	50.0	295406.0	2.719816	Y
4	IC 860-124041/5	25.0	88.437478	50.0	297967.0	3.537499	Y
5	ICIS 860-124041/6	50.0	188.680326	50.0	311577.0	3.773607	Y
6	IC 860-124041/7	100.0	390.847608	50.0	294688.0	3.908476	Y
7	IC 860-124041/8	150.0	561.964247	50.0	305598.0	3.746428	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

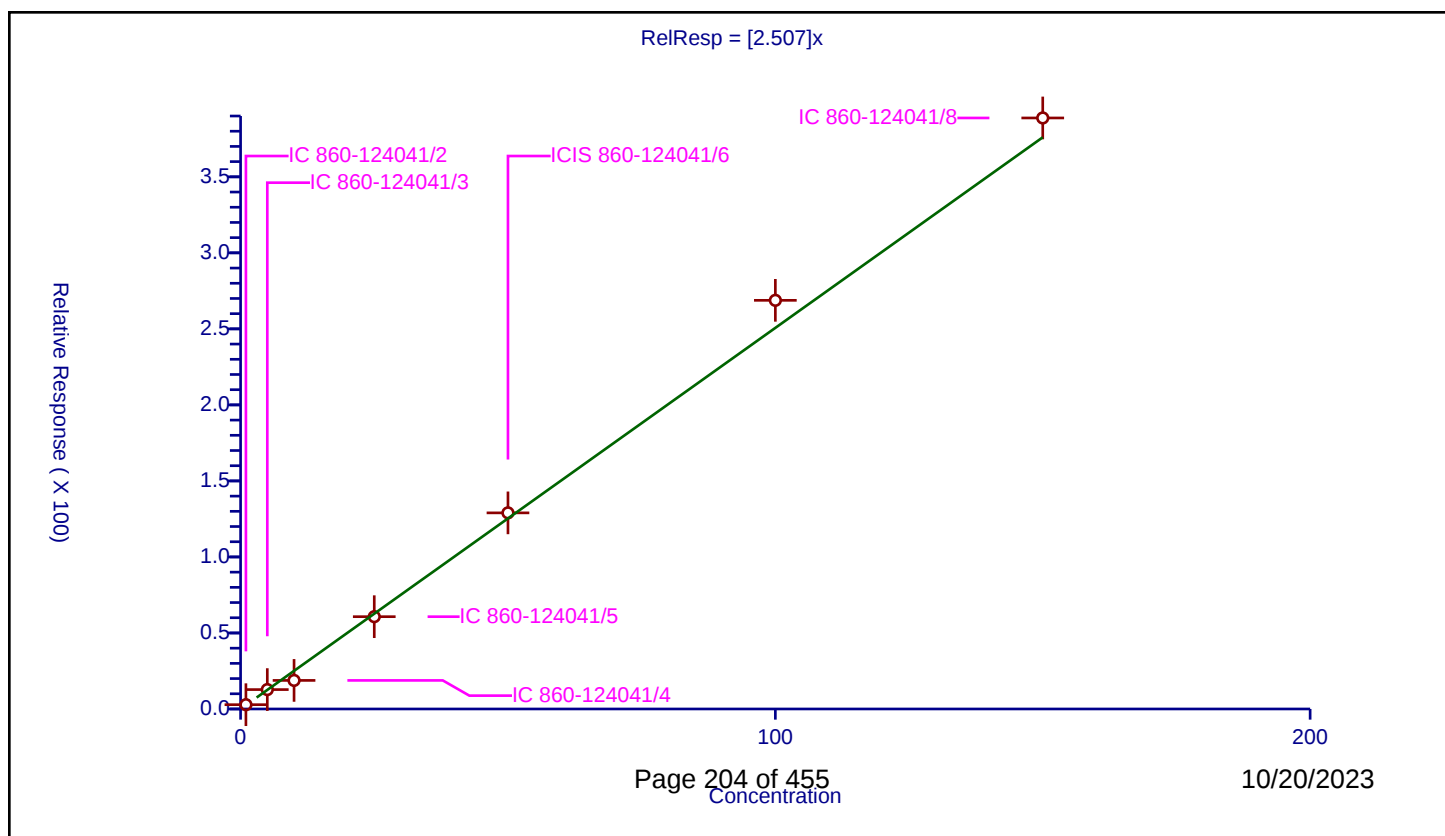
Curve Coefficients

Intercept: 0
Slope: 2.507

Error Coefficients

Standard Error: 1220000
Relative Standard Error: 12.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.828154	50.0	278132.0	2.828154	Y
2	IC 860-124041/3	5.0	12.752049	50.0	291263.0	2.55041	Y
3	IC 860-124041/4	10.0	18.798196	50.0	295406.0	1.87982	Y
4	IC 860-124041/5	25.0	60.714274	50.0	297967.0	2.428571	Y
5	ICIS 860-124041/6	50.0	128.986414	50.0	311577.0	2.579728	Y
6	IC 860-124041/7	100.0	268.768494	50.0	294688.0	2.687685	Y
7	IC 860-124041/8	150.0	388.72064	50.0	305598.0	2.591471	Y



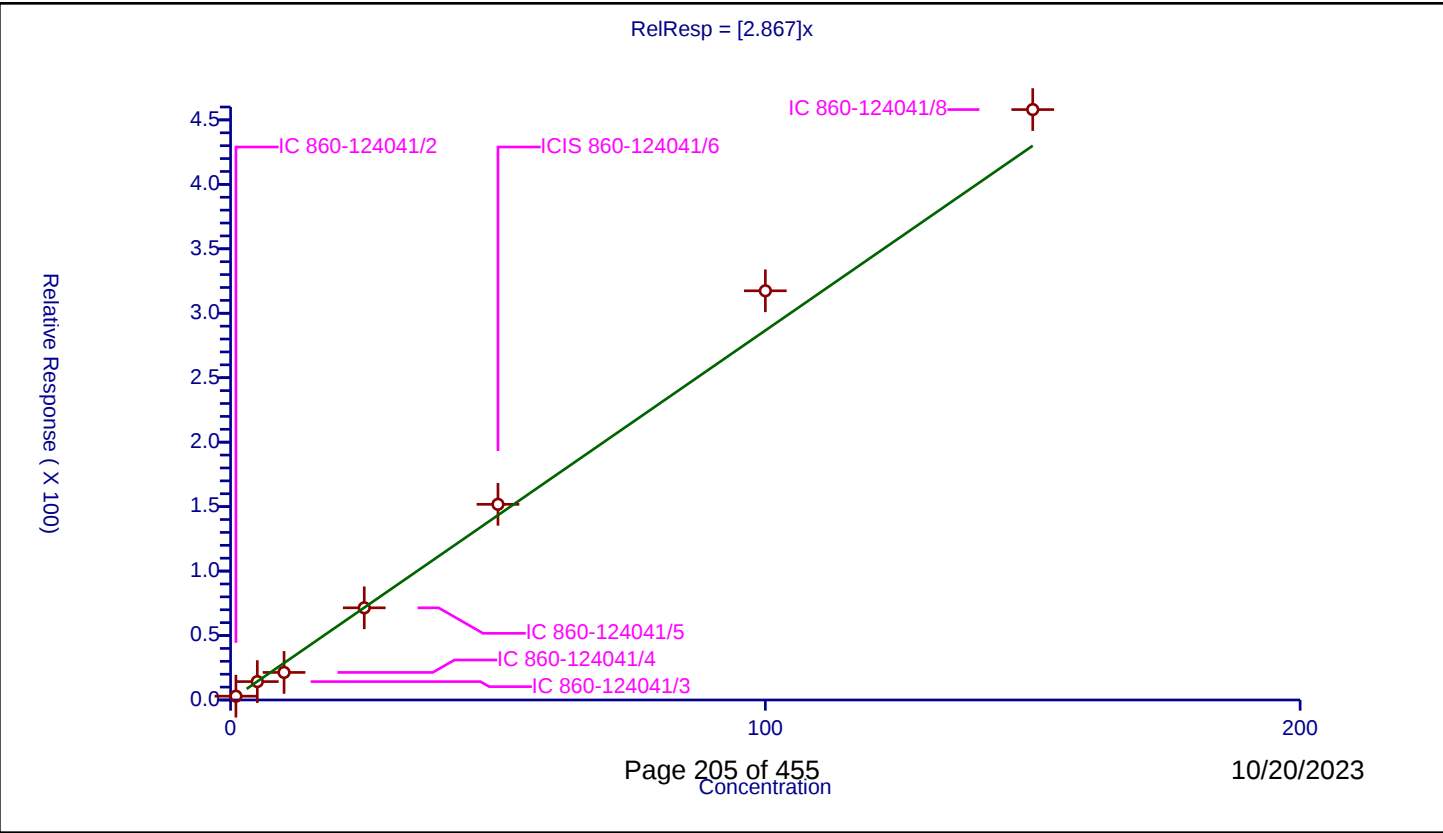
Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.867
Error Coefficients	
Standard Error:	1440000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.951656	50.0	278132.0	2.951656	Y
2	IC 860-124041/3	5.0	14.265286	50.0	291263.0	2.853057	Y
3	IC 860-124041/4	10.0	21.378205	50.0	295406.0	2.13782	Y
4	IC 860-124041/5	25.0	71.502046	50.0	297967.0	2.860082	Y
5	ICIS 860-124041/6	50.0	151.783668	50.0	311577.0	3.035673	Y
6	IC 860-124041/7	100.0	317.427924	50.0	294688.0	3.174279	Y
7	IC 860-124041/8	150.0	458.014778	50.0	305598.0	3.053432	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

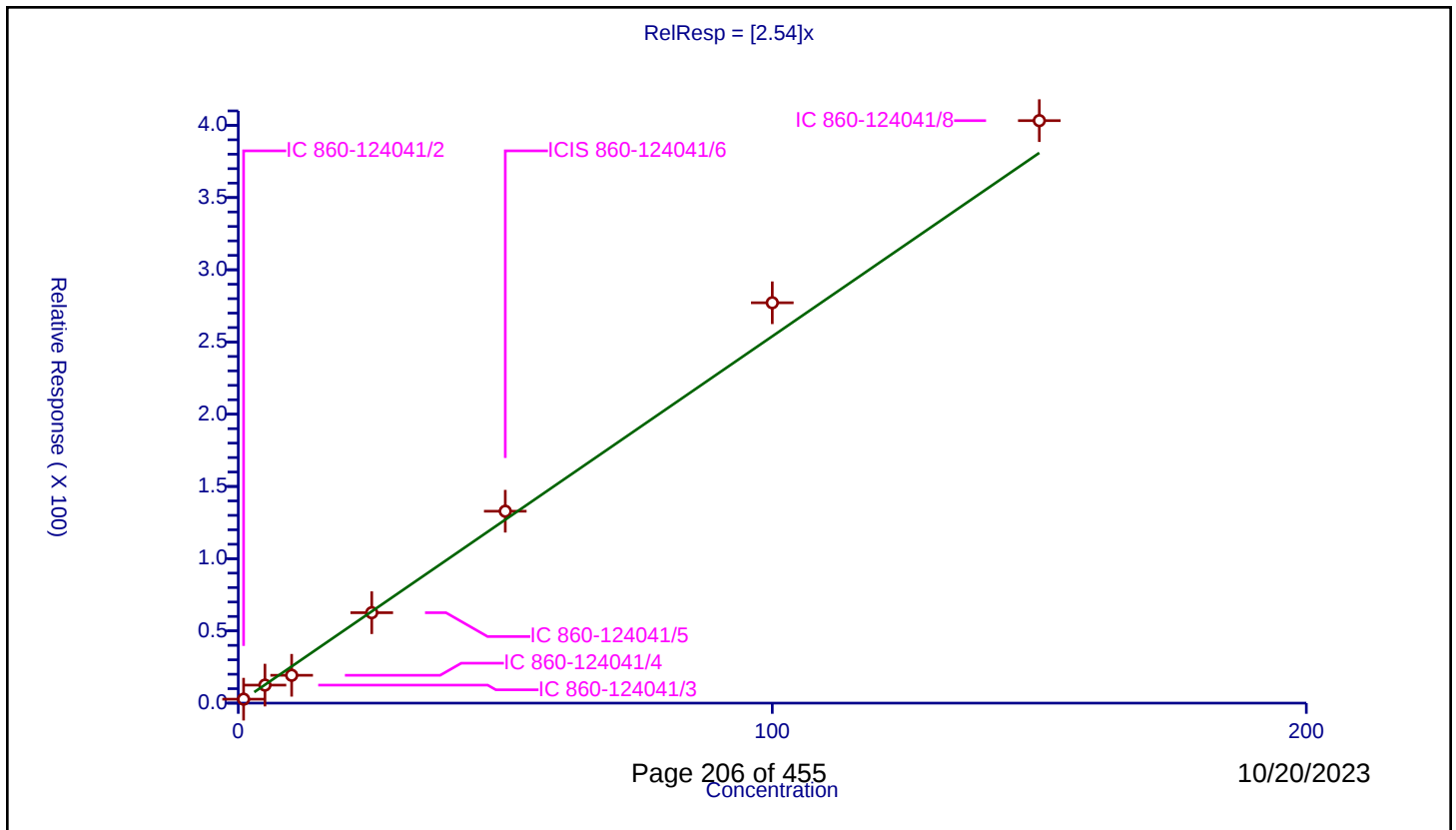
Curve Coefficients

Intercept: 0
Slope: 2.54

Error Coefficients

Standard Error: 1260000
Relative Standard Error: 11.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.733774	50.0	278132.0	2.733774	Y
2	IC 860-124041/3	5.0	12.468285	50.0	291263.0	2.493657	Y
3	IC 860-124041/4	10.0	19.278552	50.0	295406.0	1.927855	Y
4	IC 860-124041/5	25.0	62.612303	50.0	297967.0	2.504492	Y
5	ICIS 860-124041/6	50.0	132.85127	50.0	311577.0	2.657025	Y
6	IC 860-124041/7	100.0	277.178236	50.0	294688.0	2.771782	Y
7	IC 860-124041/8	150.0	403.251003	50.0	305598.0	2.68834	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

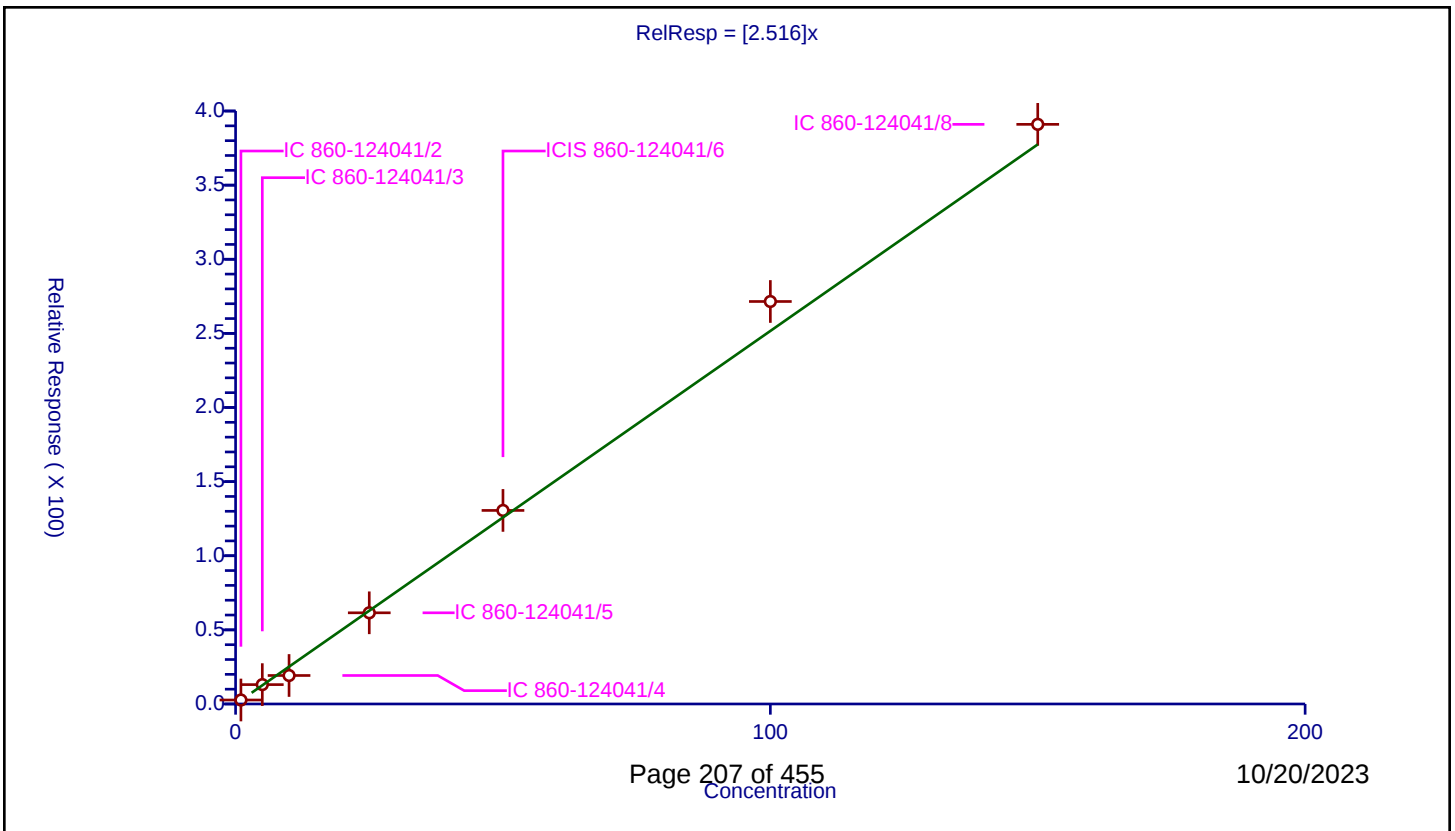
Curve Coefficients

Intercept: 0
Slope: 2.516

Error Coefficients

Standard Error: 1230000
Relative Standard Error: 10.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.684337	50.0	278132.0	2.684337	Y
2	IC 860-124041/3	5.0	13.074781	50.0	291263.0	2.614956	Y
3	IC 860-124041/4	10.0	19.216604	50.0	295406.0	1.92166	Y
4	IC 860-124041/5	25.0	61.515537	50.0	297967.0	2.460621	Y
5	ICIS 860-124041/6	50.0	130.562429	50.0	311577.0	2.611249	Y
6	IC 860-124041/7	100.0	271.50359	50.0	294688.0	2.715036	Y
7	IC 860-124041/8	150.0	391.007467	50.0	305598.0	2.606716	Y



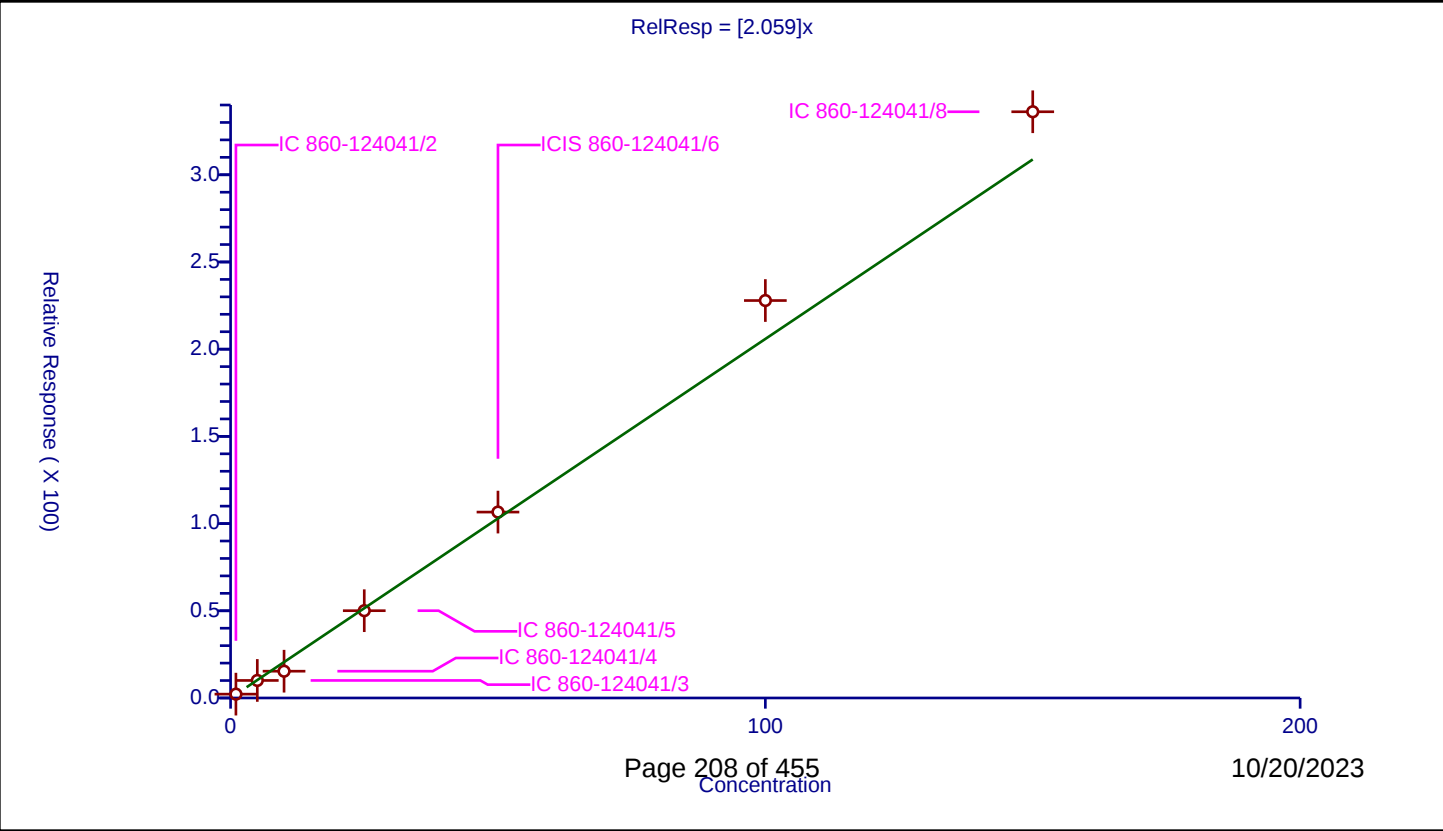
Calibration

/ 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:	2.059
Error Coefficients	
Standard Error:	1050000
Relative Standard Error:	12.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.208843	50.0	278132.0	2.208843	Y
2	IC 860-124041/3	5.0	10.057748	50.0	291263.0	2.01155	Y
3	IC 860-124041/4	10.0	15.36157	50.0	295406.0	1.536157	Y
4	IC 860-124041/5	25.0	50.050341	50.0	297967.0	2.002014	Y
5	ICIS 860-124041/6	50.0	106.599492	50.0	311577.0	2.13199	Y
6	IC 860-124041/7	100.0	227.898998	50.0	294688.0	2.27899	Y
7	IC 860-124041/8	150.0	336.138489	50.0	305598.0	2.240923	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

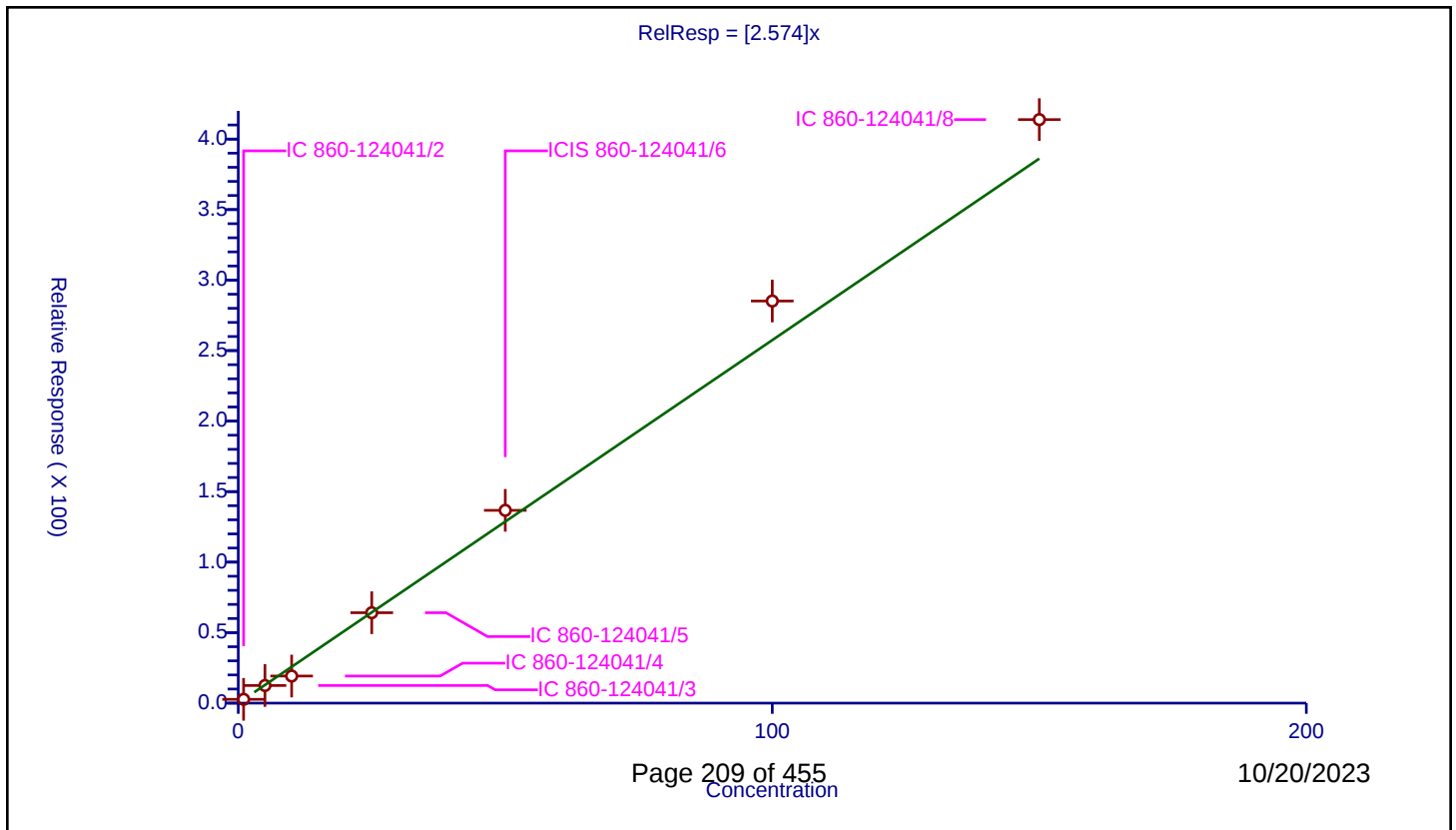
Curve Coefficients

Intercept: 0
Slope: 2.574

Error Coefficients

Standard Error: 1300000
Relative Standard Error: 12.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.692427	50.0	278132.0	2.692427	Y
2	IC 860-124041/3	5.0	12.486481	50.0	291263.0	2.497296	Y
3	IC 860-124041/4	10.0	19.217281	50.0	295406.0	1.921728	Y
4	IC 860-124041/5	25.0	64.112301	50.0	297967.0	2.564492	Y
5	ICIS 860-124041/6	50.0	136.716125	50.0	311577.0	2.734322	Y
6	IC 860-124041/7	100.0	285.164309	50.0	294688.0	2.851643	Y
7	IC 860-124041/8	150.0	413.829933	50.0	305598.0	2.758866	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

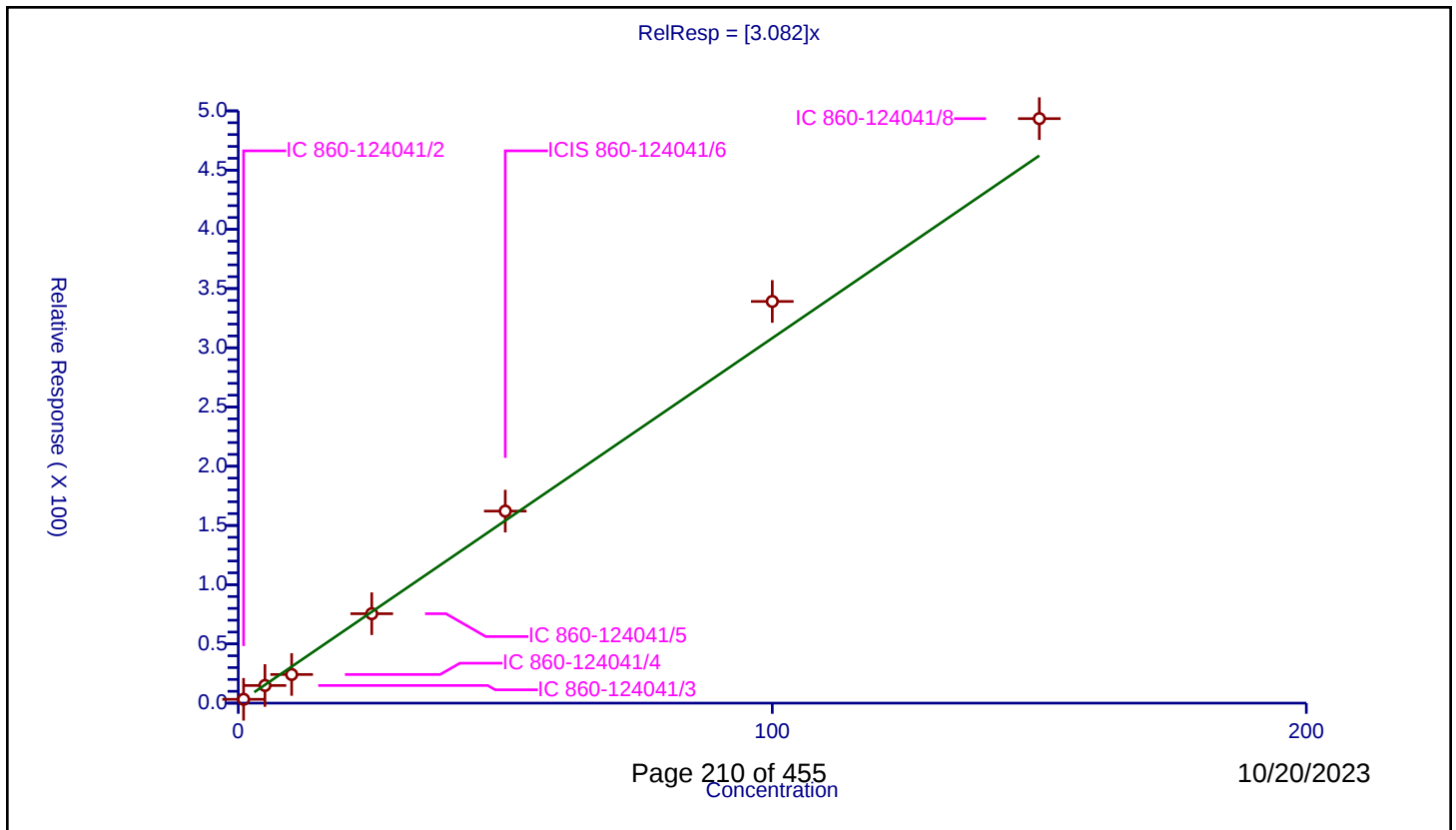
Curve Coefficients

Intercept: 0
Slope: 3.082

Error Coefficients

Standard Error: 1550000
Relative Standard Error: 10.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	3.229582	50.0	278132.0	3.229582	Y
2	IC 860-124041/3	5.0	14.900622	50.0	291263.0	2.980124	Y
3	IC 860-124041/4	10.0	24.182481	50.0	295406.0	2.418248	Y
4	IC 860-124041/5	25.0	75.48789	50.0	297967.0	3.019516	Y
5	ICIS 860-124041/6	50.0	162.109366	50.0	311577.0	3.242187	Y
6	IC 860-124041/7	100.0	339.121036	50.0	294688.0	3.39121	Y
7	IC 860-124041/8	150.0	493.448583	50.0	305598.0	3.289657	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

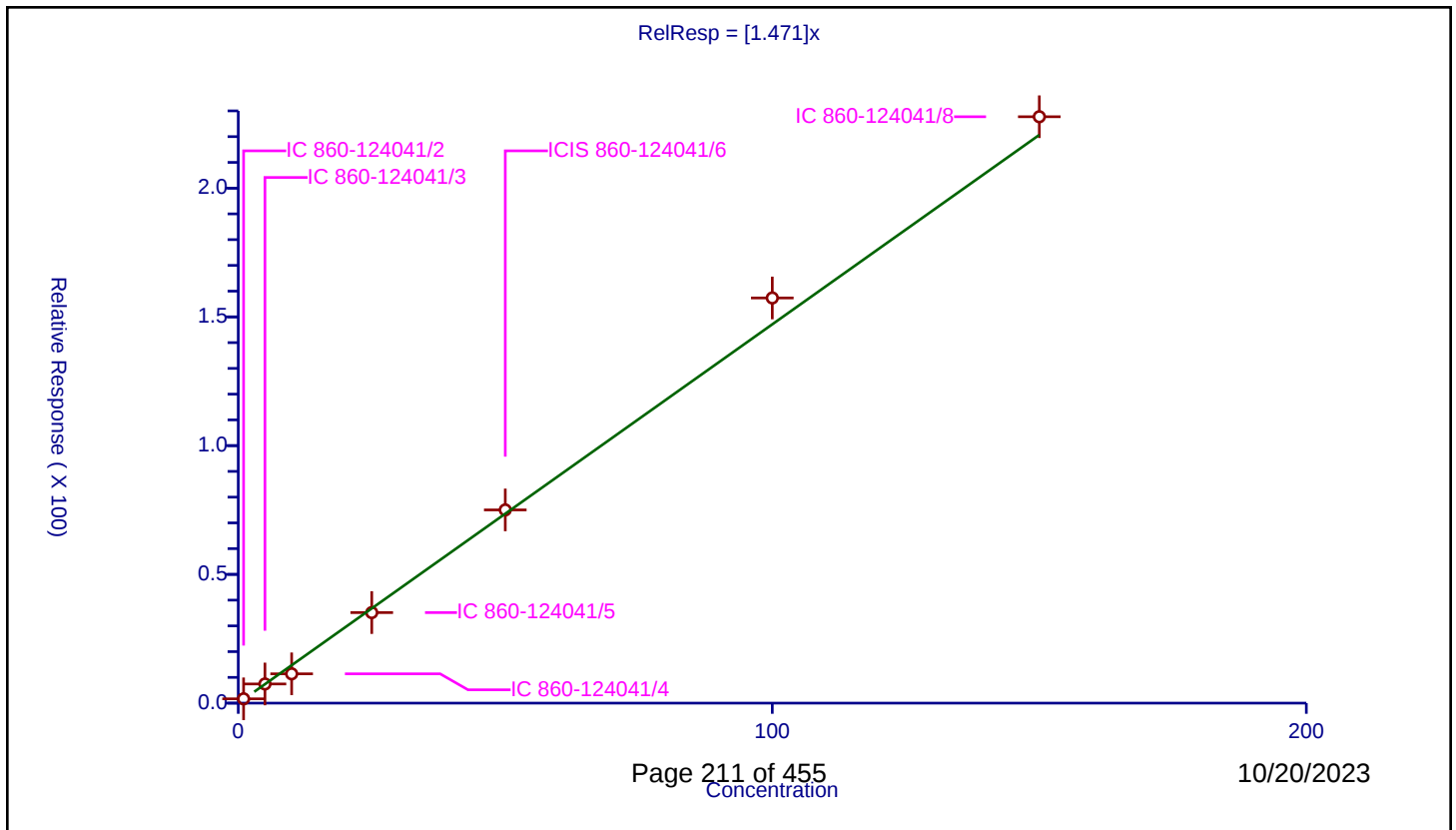
Curve Coefficients

Intercept: 0
Slope: 1.471

Error Coefficients

Standard Error: 715000
Relative Standard Error: 11.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.671688	50.0	278132.0	1.671688	Y
2	IC 860-124041/3	5.0	7.446878	50.0	291263.0	1.489376	Y
3	IC 860-124041/4	10.0	11.380101	50.0	295406.0	1.13801	Y
4	IC 860-124041/5	25.0	35.159263	50.0	297967.0	1.406371	Y
5	ICIS 860-124041/6	50.0	75.032656	50.0	311577.0	1.500653	Y
6	IC 860-124041/7	100.0	157.351504	50.0	294688.0	1.573515	Y
7	IC 860-124041/8	150.0	227.72613	50.0	305598.0	1.518174	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

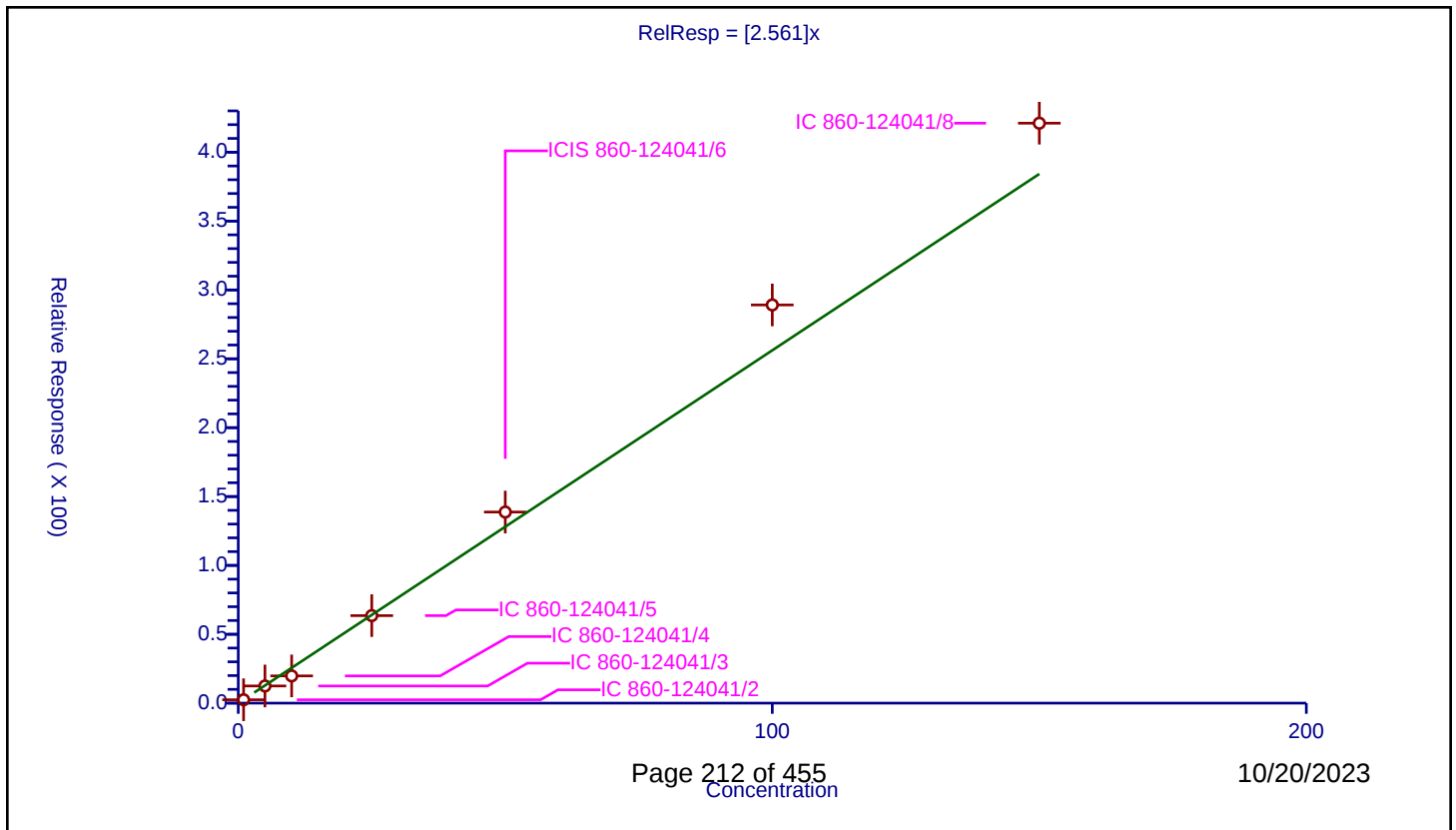
Curve Coefficients

Intercept: 0
Slope: 2.561

Error Coefficients

Standard Error: 1320000
Relative Standard Error: 12.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.445422	50.0	278132.0	2.445422	Y
2	IC 860-124041/3	5.0	12.466225	50.0	291263.0	2.493245	Y
3	IC 860-124041/4	10.0	19.766355	50.0	295406.0	1.976636	Y
4	IC 860-124041/5	25.0	63.540929	50.0	297967.0	2.541637	Y
5	ICIS 860-124041/6	50.0	138.73906	50.0	311577.0	2.774781	Y
6	IC 860-124041/7	100.0	289.111535	50.0	294688.0	2.891115	Y
7	IC 860-124041/8	150.0	421.056257	50.0	305598.0	2.807042	Y



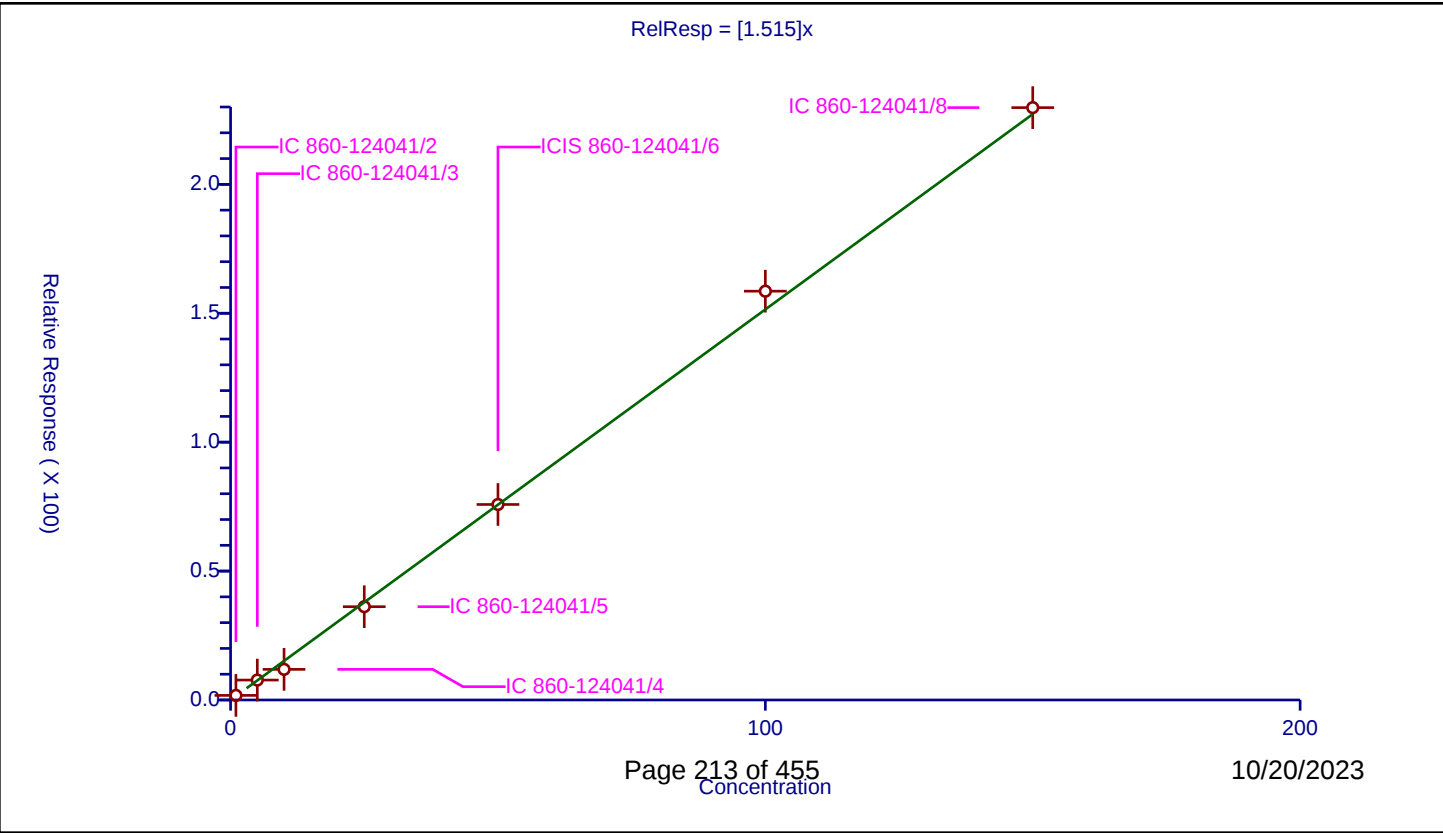
Calibration

/ 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:	1.515
Error Coefficients	
Standard Error:	721000
Relative Standard Error:	11.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.78782	50.0	278132.0	1.78782	Y
2	IC 860-124041/3	5.0	7.734762	50.0	291263.0	1.546952	Y
3	IC 860-124041/4	10.0	11.878059	50.0	295406.0	1.187806	Y
4	IC 860-124041/5	25.0	36.188739	50.0	297967.0	1.44755	Y
5	ICIS 860-124041/6	50.0	75.835187	50.0	311577.0	1.516704	Y
6	IC 860-124041/7	100.0	158.563633	50.0	294688.0	1.585636	Y
7	IC 860-124041/8	150.0	229.76312	50.0	305598.0	1.531754	Y



Calibration

/ Dicyclopentadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

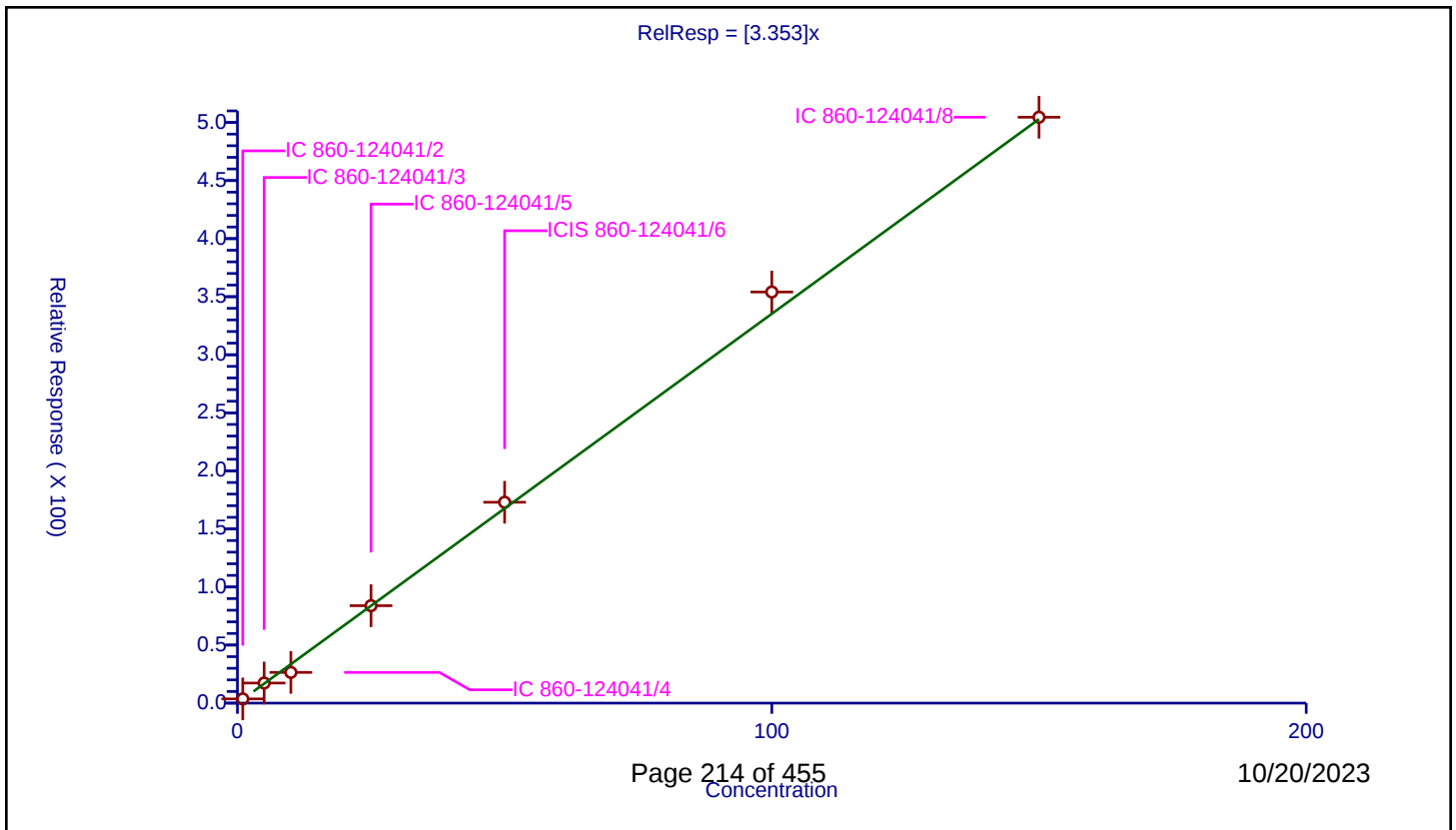
Curve Coefficients

Intercept: 0
Slope: 3.353

Error Coefficients

Standard Error: 1600000
Relative Standard Error: 9.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	3.643054	50.0	278132.0	3.643054	Y
2	IC 860-124041/3	5.0	17.299142	50.0	291263.0	3.459828	Y
3	IC 860-124041/4	10.0	26.448515	50.0	295406.0	2.644851	Y
4	IC 860-124041/5	25.0	83.917514	50.0	297967.0	3.356701	Y
5	ICIS 860-124041/6	50.0	172.997846	50.0	311577.0	3.459957	Y
6	IC 860-124041/7	100.0	354.048858	50.0	294688.0	3.540489	Y
7	IC 860-124041/8	150.0	504.532916	50.0	305598.0	3.363553	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

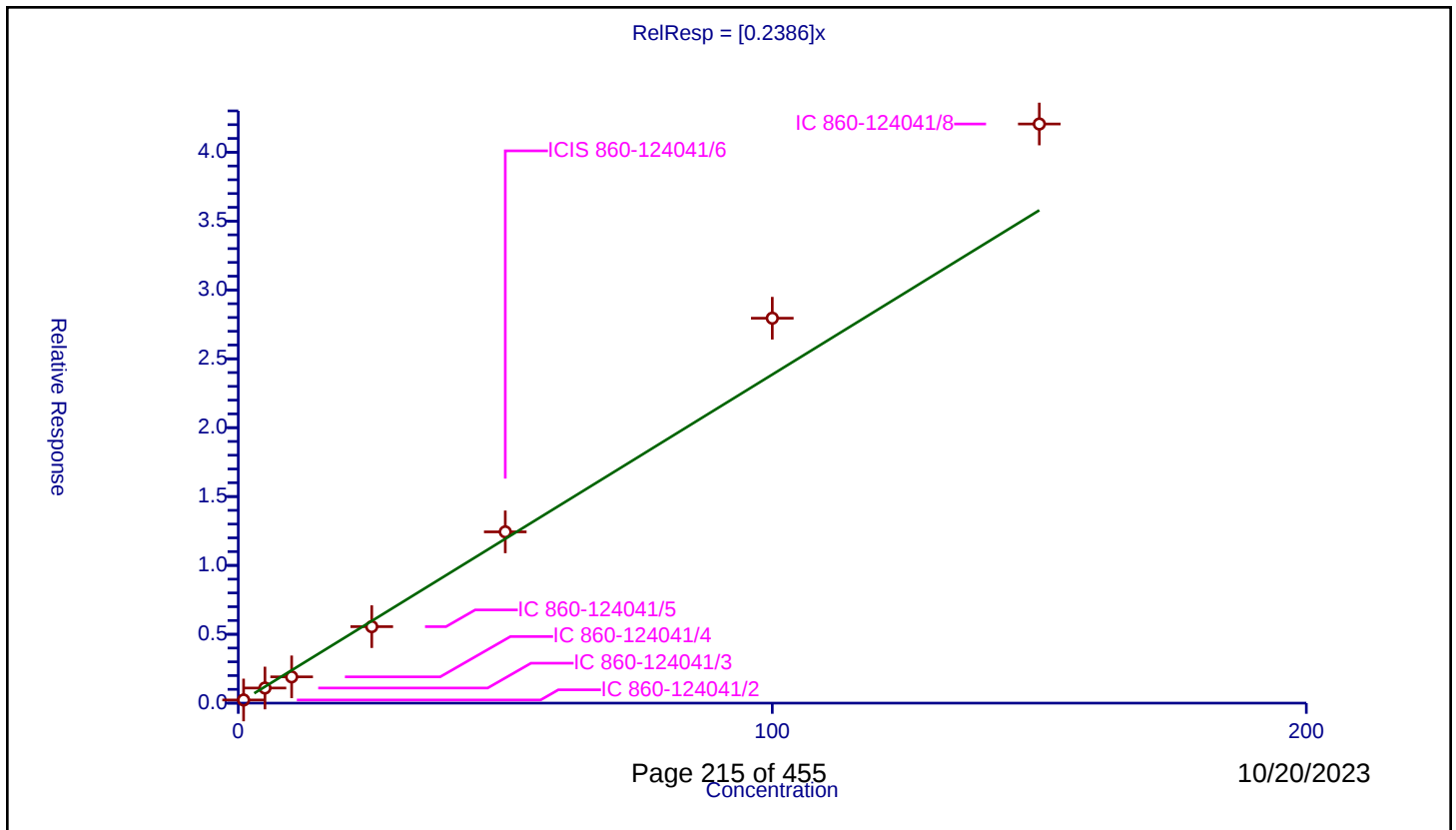
Curve Coefficients

Intercept: 0
Slope: 0.2386

Error Coefficients

Standard Error: 129000
Relative Standard Error: 13.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.229028	50.0	278132.0	0.229028	Y
2	IC 860-124041/3	5.0	1.09832	50.0	291263.0	0.219664	Y
3	IC 860-124041/4	10.0	1.906867	50.0	295406.0	0.190687	Y
4	IC 860-124041/5	25.0	5.553132	50.0	297967.0	0.222125	Y
5	ICIS 860-124041/6	50.0	12.434968	50.0	311577.0	0.248699	Y
6	IC 860-124041/7	100.0	27.947864	50.0	294688.0	0.279479	Y
7	IC 860-124041/8	150.0	42.048868	50.0	305598.0	0.280326	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

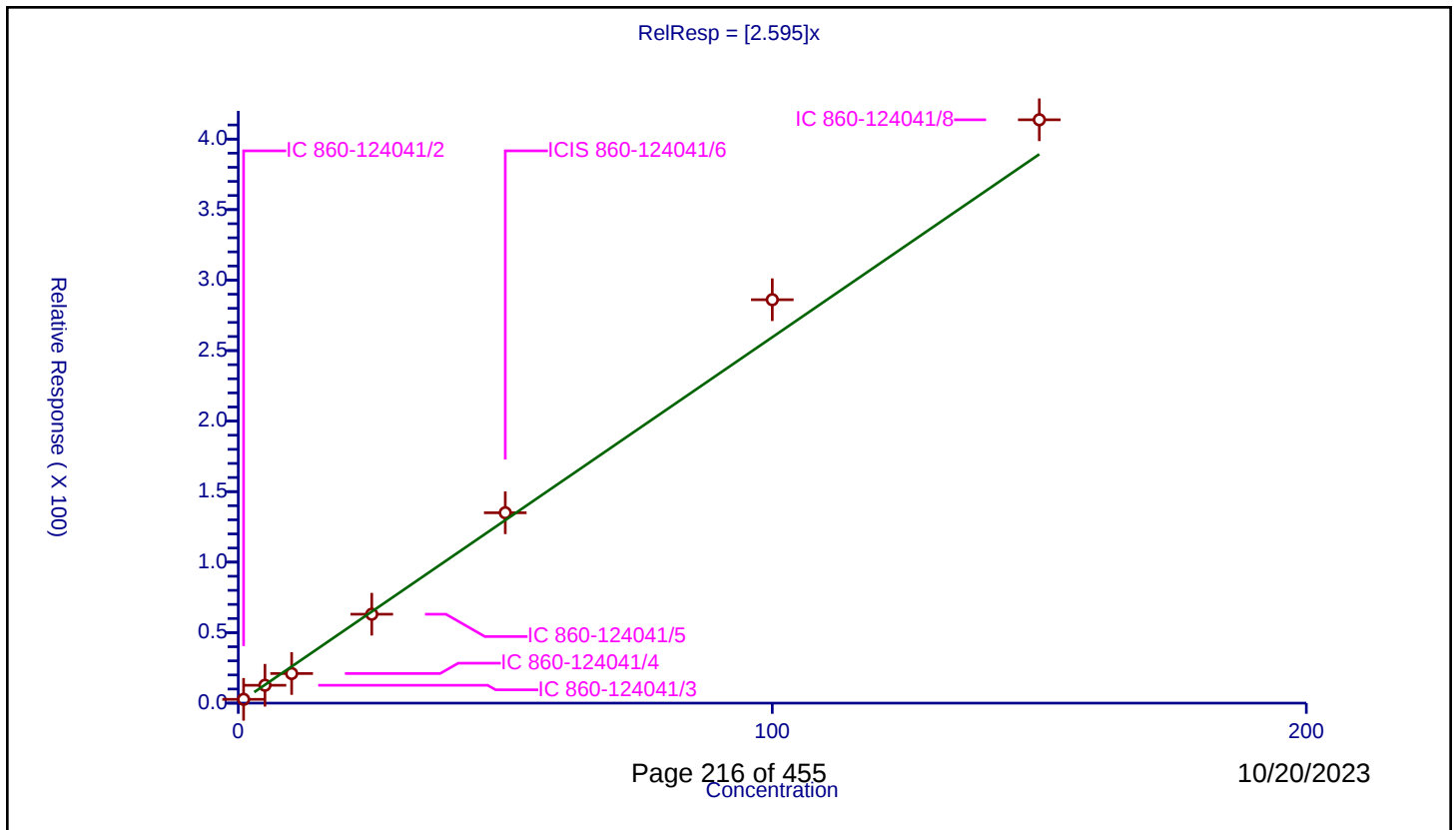
Curve Coefficients

Intercept: 0
Slope: 2.595

Error Coefficients

Standard Error: 1300000
Relative Standard Error: 9.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.690629	50.0	278132.0	2.690629	Y
2	IC 860-124041/3	5.0	12.669821	50.0	291263.0	2.533964	Y
3	IC 860-124041/4	10.0	20.993819	50.0	295406.0	2.099382	Y
4	IC 860-124041/5	25.0	63.054298	50.0	297967.0	2.522172	Y
5	ICIS 860-124041/6	50.0	134.998572	50.0	311577.0	2.699971	Y
6	IC 860-124041/7	100.0	286.083587	50.0	294688.0	2.860836	Y
7	IC 860-124041/8	150.0	413.699697	50.0	305598.0	2.757998	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

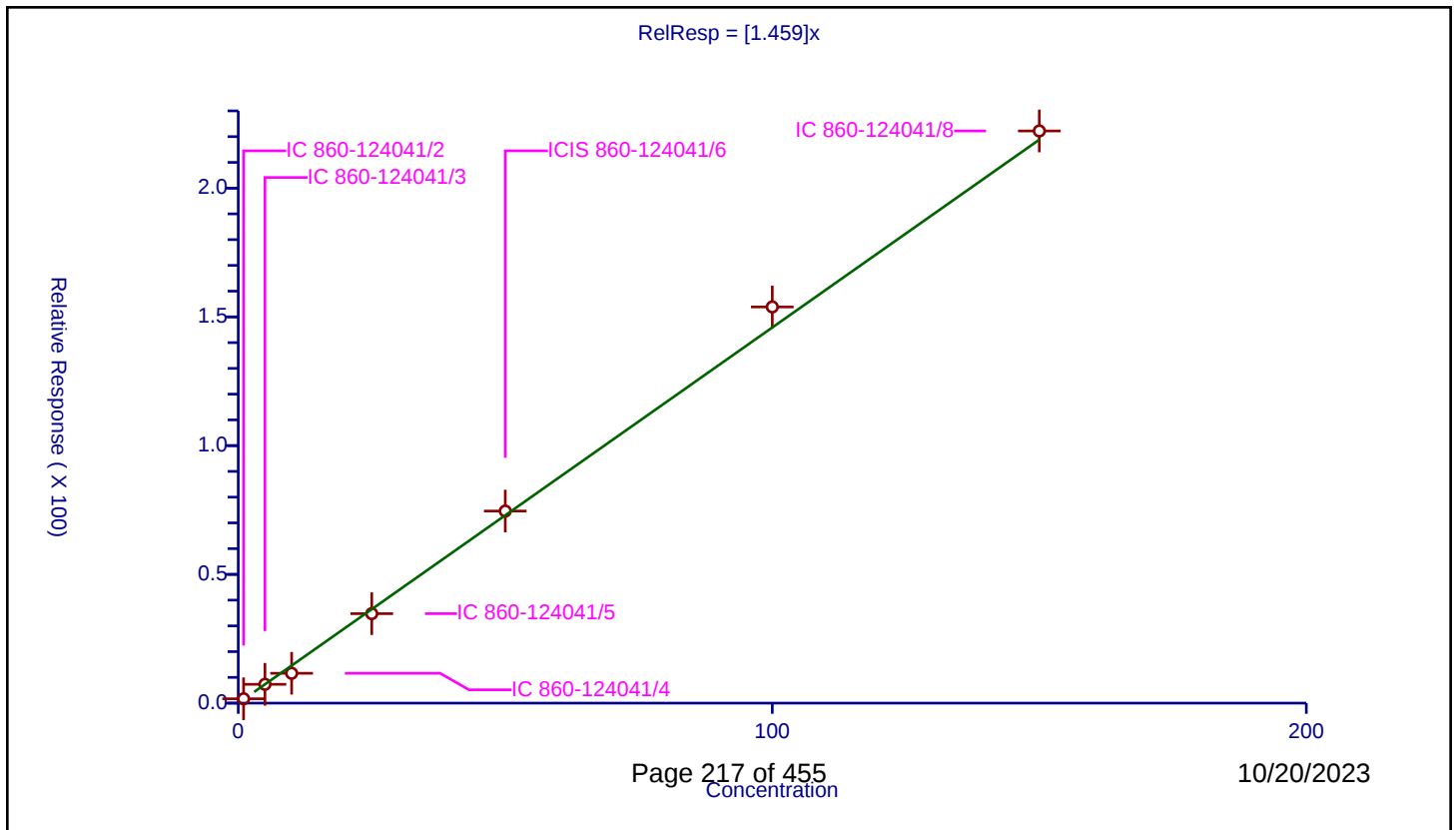
Curve Coefficients

Intercept: 0
Slope: 1.459

Error Coefficients

Standard Error: 699000
Relative Standard Error: 11.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.688766	50.0	278132.0	1.688766	Y
2	IC 860-124041/3	5.0	7.307828	50.0	291263.0	1.461566	Y
3	IC 860-124041/4	10.0	11.59252	50.0	295406.0	1.159252	Y
4	IC 860-124041/5	25.0	34.752506	50.0	297967.0	1.3901	Y
5	ICIS 860-124041/6	50.0	74.59023	50.0	311577.0	1.491805	Y
6	IC 860-124041/7	100.0	153.864935	50.0	294688.0	1.538649	Y
7	IC 860-124041/8	150.0	222.199262	50.0	305598.0	1.481328	Y



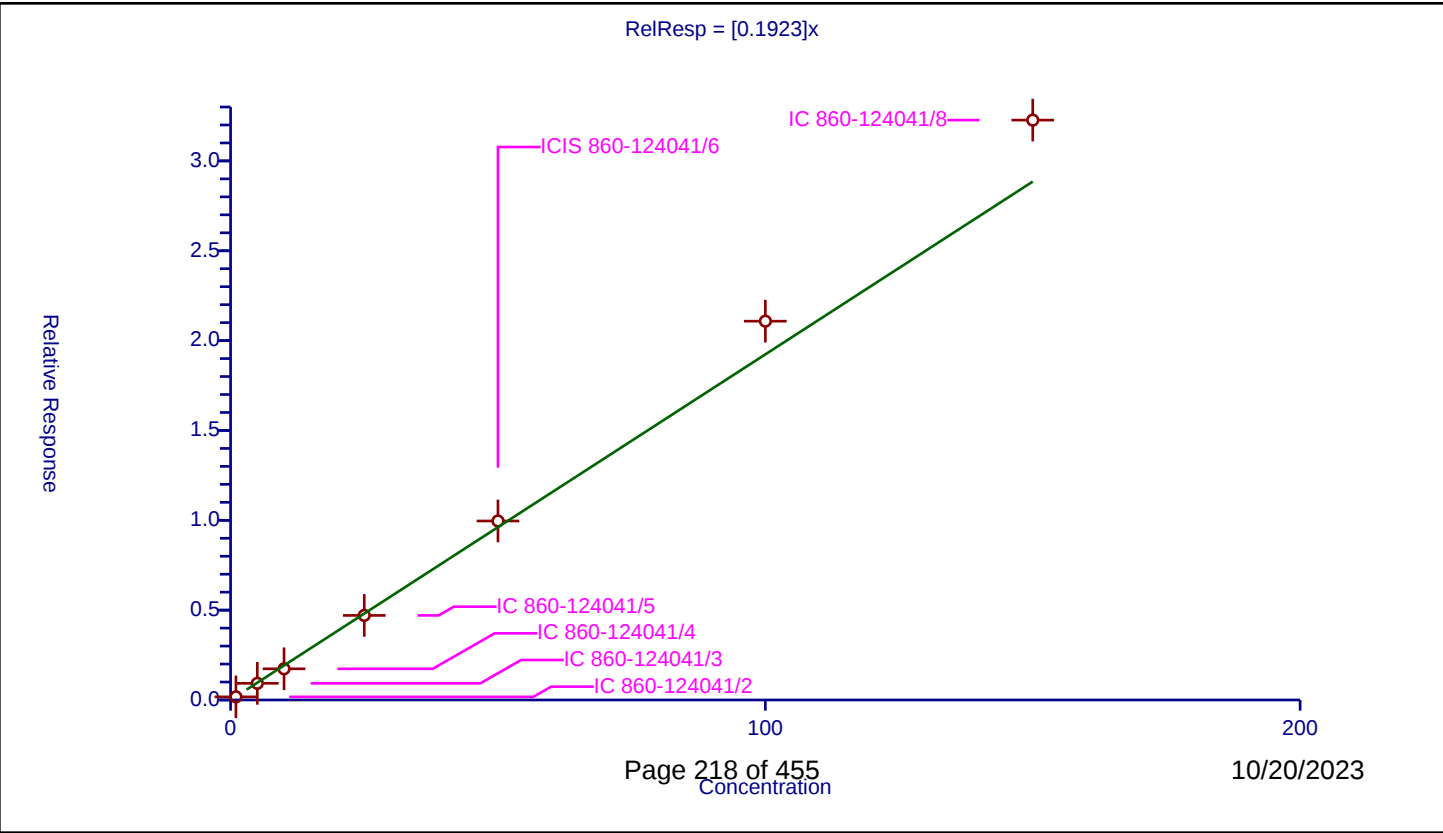
Calibration

/ 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:	0.1923
Error Coefficients	
Standard Error:	99200
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.173838	50.0	278132.0	0.173838	Y
2	IC 860-124041/3	5.0	0.927341	50.0	291263.0	0.185468	Y
3	IC 860-124041/4	10.0	1.735747	50.0	295406.0	0.173575	Y
4	IC 860-124041/5	25.0	4.706729	50.0	297967.0	0.188269	Y
5	ICIS 860-124041/6	50.0	9.961903	50.0	311577.0	0.199238	Y
6	IC 860-124041/7	100.0	21.081958	50.0	294688.0	0.21082	Y
7	IC 860-124041/8	150.0	32.271154	50.0	305598.0	0.215141	Y



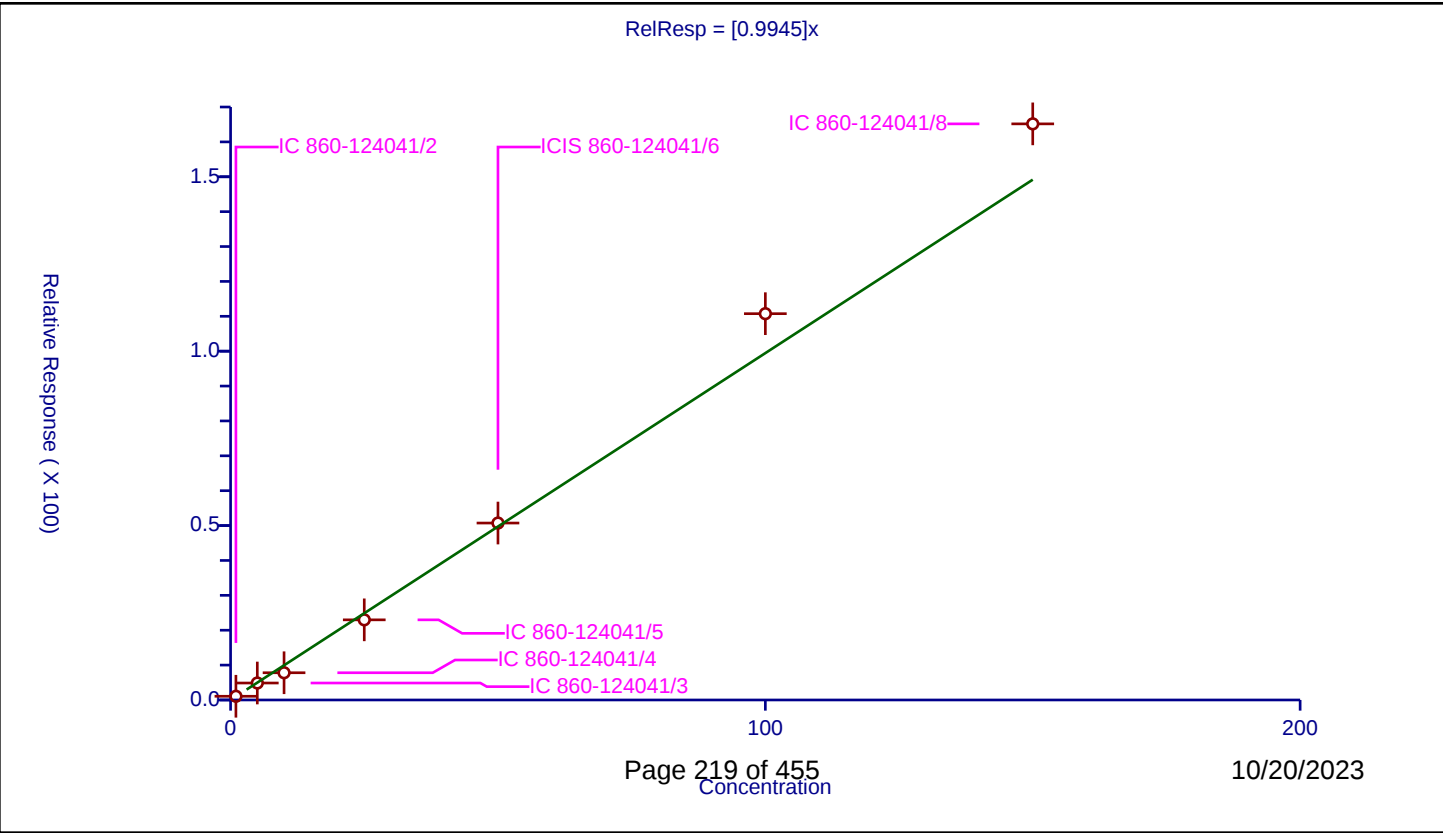
Calibration

/ 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:	0.9945
Error Coefficients	
Standard Error:	511000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.064782	50.0	278132.0	1.064782	Y
2	IC 860-124041/3	5.0	4.867594	50.0	291263.0	0.973519	Y
3	IC 860-124041/4	10.0	7.806713	50.0	295406.0	0.780671	Y
4	IC 860-124041/5	25.0	22.978384	50.0	297967.0	0.919135	Y
5	ICIS 860-124041/6	50.0	50.725503	50.0	311577.0	1.01451	Y
6	IC 860-124041/7	100.0	110.753746	50.0	294688.0	1.107537	Y
7	IC 860-124041/8	150.0	165.169438	50.0	305598.0	1.10113	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

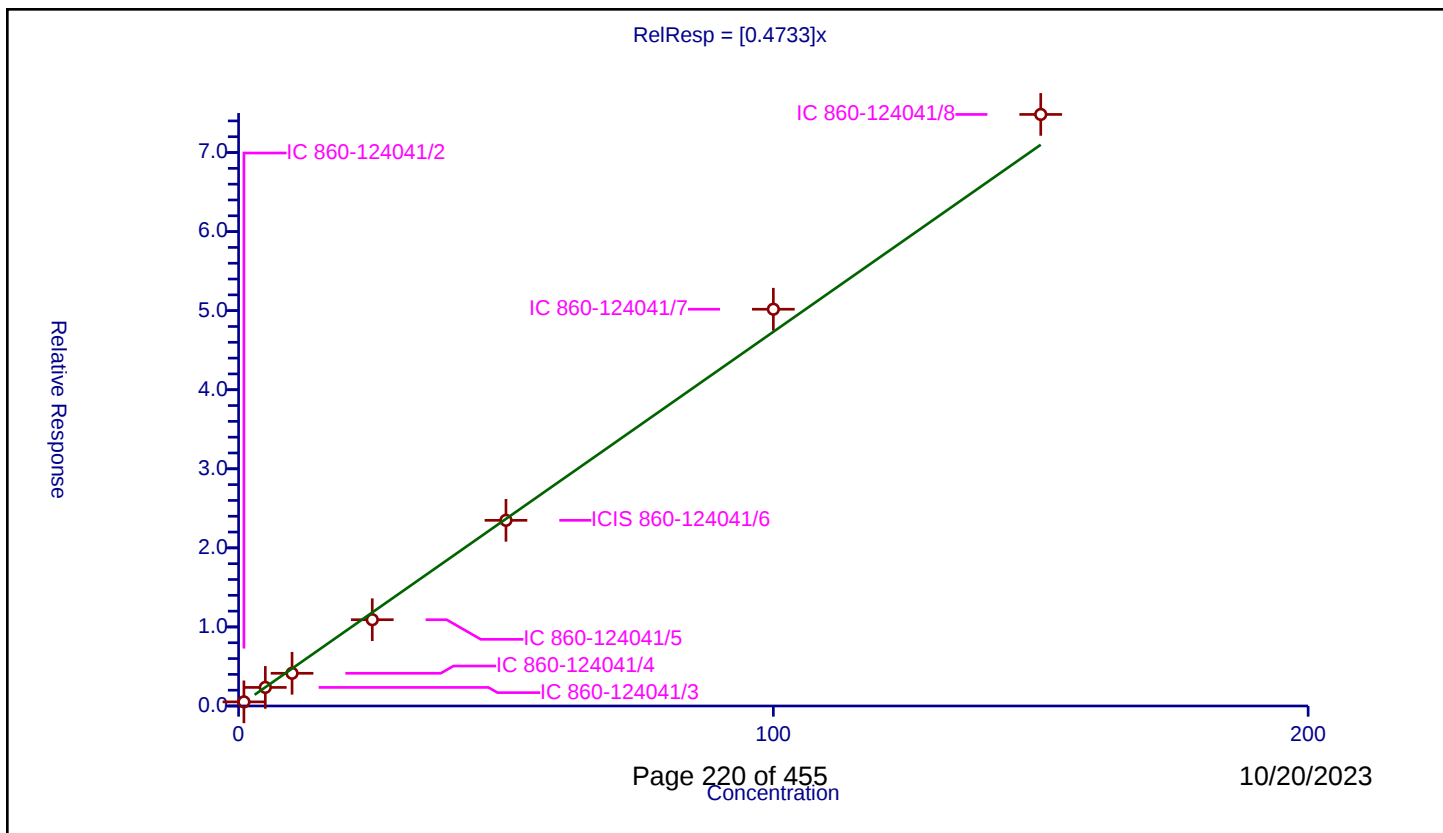
Curve Coefficients

Intercept: 0
Slope: 0.4733

Error Coefficients

Standard Error: 232000
Relative Standard Error: 8.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.522594	50.0	278132.0	0.522594	Y
2	IC 860-124041/3	5.0	2.349423	50.0	291263.0	0.469885	Y
3	IC 860-124041/4	10.0	4.135664	50.0	295406.0	0.413566	Y
4	IC 860-124041/5	25.0	10.912114	50.0	297967.0	0.436485	Y
5	ICIS 860-124041/6	50.0	23.484885	50.0	311577.0	0.469698	Y
6	IC 860-124041/7	100.0	50.181039	50.0	294688.0	0.50181	Y
7	IC 860-124041/8	150.0	74.822643	50.0	305598.0	0.498818	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

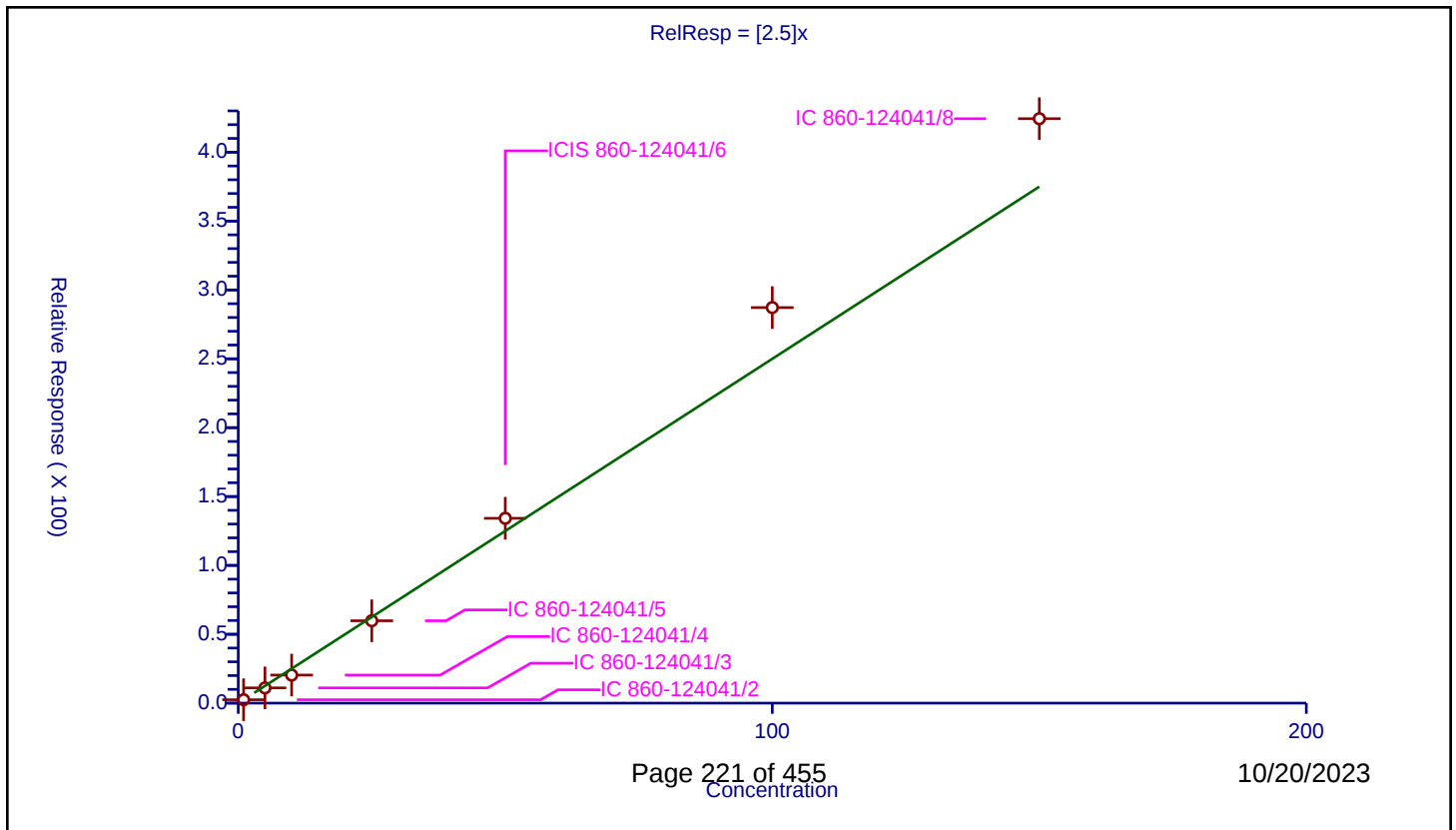
Curve Coefficients

Intercept: 0
Slope: 2.5

Error Coefficients

Standard Error: 1320000
Relative Standard Error: 12.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	2.470949	50.0	278132.0	2.470949	Y
2	IC 860-124041/3	5.0	11.065944	50.0	291263.0	2.213189	Y
3	IC 860-124041/4	10.0	20.370778	50.0	295406.0	2.037078	Y
4	IC 860-124041/5	25.0	59.803602	50.0	297967.0	2.392144	Y
5	ICIS 860-124041/6	50.0	134.19556	50.0	311577.0	2.683911	Y
6	IC 860-124041/7	100.0	287.188823	50.0	294688.0	2.871888	Y
7	IC 860-124041/8	150.0	424.330002	50.0	305598.0	2.828867	Y



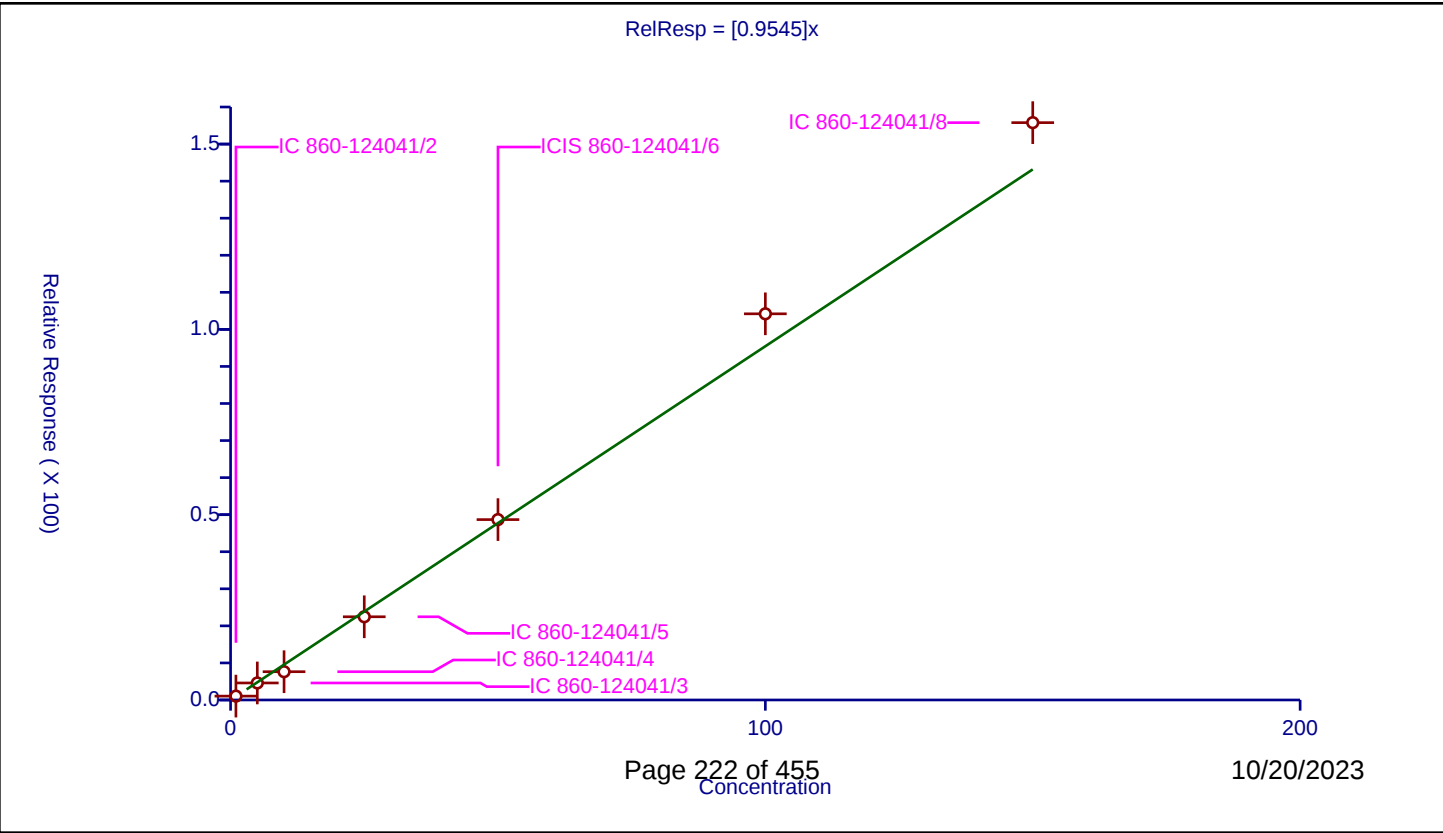
Calibration

/ 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:	0.9545
Error Coefficients	
Standard Error:	482000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.047344	50.0	278132.0	1.047344	Y
2	IC 860-124041/3	5.0	4.59207	50.0	291263.0	0.918414	Y
3	IC 860-124041/4	10.0	7.6339	50.0	295406.0	0.76339	Y
4	IC 860-124041/5	25.0	22.454668	50.0	297967.0	0.898187	Y
5	ICIS 860-124041/6	50.0	48.674164	50.0	311577.0	0.973483	Y
6	IC 860-124041/7	100.0	104.200205	50.0	294688.0	1.042002	Y
7	IC 860-124041/8	150.0	155.785869	50.0	305598.0	1.038572	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

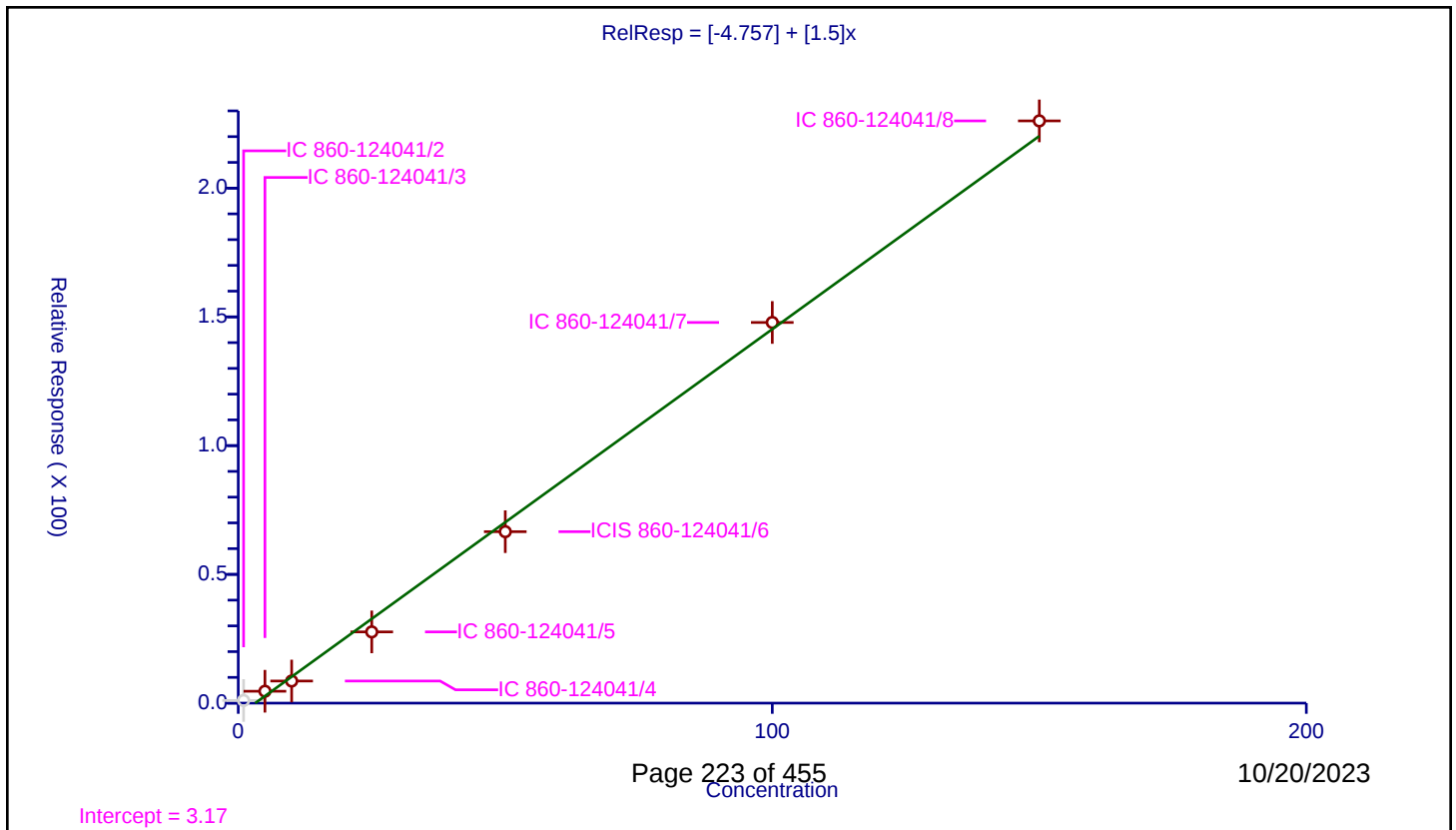
Curve Coefficients

Intercept: -4.757
Slope: 1.5

Error Coefficients

Standard Error: 847000
Relative Standard Error: 15.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	1.030626	50.0	278132.0	1.030626	N
2	IC 860-124041/3	5.0	4.620738	50.0	291263.0	0.924148	Y
3	IC 860-124041/4	10.0	8.592243	50.0	295406.0	0.859224	Y
4	IC 860-124041/5	25.0	27.663969	50.0	297967.0	1.106559	Y
5	ICIS 860-124041/6	50.0	66.584504	50.0	311577.0	1.33169	Y
6	IC 860-124041/7	100.0	147.837374	50.0	294688.0	1.478374	Y
7	IC 860-124041/8	150.0	226.113554	50.0	305598.0	1.507424	Y



Calibration

/ 1-Methylnaphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

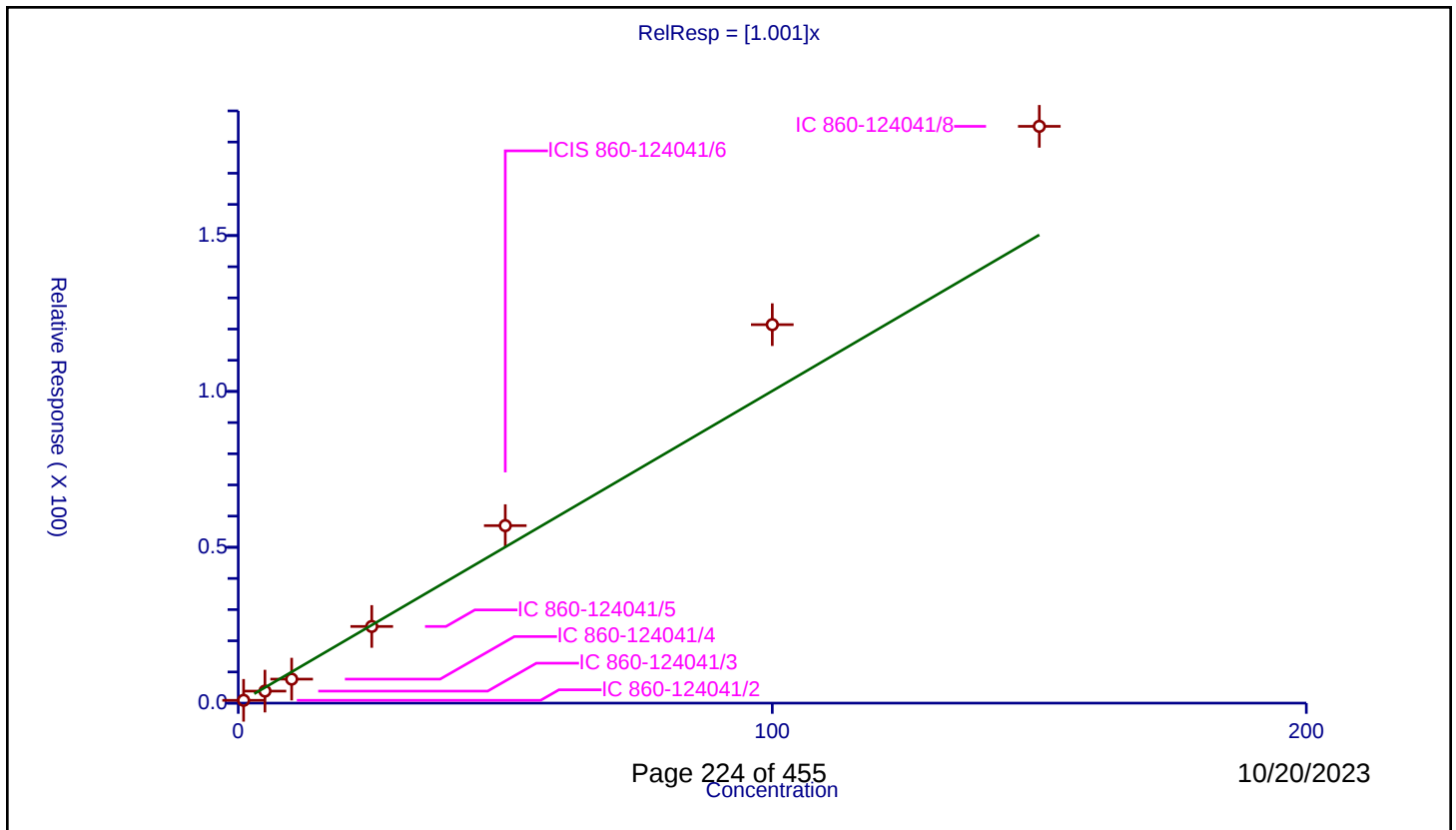
Curve Coefficients

Intercept: 0
Slope: 1.001

Error Coefficients

Standard Error: 569000
Relative Standard Error: 19.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-124041/2	1.0	0.897416	50.0	278132.0	0.897416	Y
2	IC 860-124041/3	5.0	3.85957	50.0	291263.0	0.771914	Y
3	IC 860-124041/4	10.0	7.703635	50.0	295406.0	0.770363	Y
4	IC 860-124041/5	25.0	24.598194	50.0	297967.0	0.983928	Y
5	ICIS 860-124041/6	50.0	56.943388	50.0	311577.0	1.138868	Y
6	IC 860-124041/7	100.0	121.424184	50.0	294688.0	1.214242	Y
7	IC 860-124041/8	150.0	185.041951	50.0	305598.0	1.233613	Y



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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-123249/2	T09252308.D
Level 2	IC 860-123249/3	T09252309.D
Level 3	IC 860-123249/4	T09252310.D
Level 4	IC 860-123249/5	T09252311.D
Level 5	ICIS 860-123249/6	T09252312.D
Level 6	IC 860-123249/7	T09252313.D
Level 7	IC 860-123249/8	T09252314.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	0.7466 0.7238	0.8265 0.7023	0.7986	0.6898	0.7487	Ave		0.748 0				6.6		20.0			
Chloromethane	1.0429 0.7697	0.9127 0.7330	0.8701	0.8513	0.8457	Ave		0.860 8				11.7		20.0			
Vinyl chloride	0.7186 0.6587	0.7317 0.6413	0.7381	0.6664	0.7070	Ave		0.694 6				5.6		20.0			
1,3-Butadiene	0.5615 0.4827	0.5690 0.4794	0.5283	0.5062	0.5295	Ave		0.522 4				6.8		20.0			
Ethylene oxide	0.0159 0.0181	0.0279 0.0163	0.0223	0.0175	0.0201	Qua	-0.01 1	0.021 4	-0.000003			21.1			0.9990		0.9900
Bromomethane	++++ 0.2162	0.4449 0.2039	0.4116	0.3390	0.2513	Qua	1.829 4	0.228 7	-0.000256			39.6			0.9970		0.9900
Chloroethane	0.3871 0.3008	0.4085 0.2057	0.4035	0.3676	0.3592	Qua	-0.50 2	0.464 2	-0.001684			48.4			0.9980		0.9900
Trichlorofluoromethane	1.0799 1.1639	1.2790 1.1760	1.1521	1.0532	1.1827	Ave		1.155 3				6.4		20.0			
Dichlorofluoromethane	1.2313 1.2765	1.2839 1.1812	1.2321	1.2269	1.2768	Ave		1.244 1				3.0		20.0			
Diethyl ether	0.2248 0.3816	0.2716 0.3634	0.3209	0.3142	0.3956	Ave		0.324 6				18.9		20.0			
Isopropyl alcohol	0.0243 0.0381	0.0318 0.0336	0.0287	0.0343	0.0344	Ave		0.032 2				13.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2739 0.4232	0.4236 0.4403	0.4436	0.3831	0.4049	Ave		0.398 9				14.8		20.0			
Acrolein	0.0978 0.1409	0.1250 0.1246	0.1220	0.1220	0.1392	Ave		0.124 5				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 Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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-Dichloroethene	0.3309 0.5258	0.4858 0.4896	0.4565	0.4756	0.5363	Ave		0.471 5				14.4		20.0			
Acetone	0.1080 0.0696	0.0795 0.0641	0.0688	0.0645	0.0669	Lin1	0.222 8	0.065 7				5.1			0.9980		0.9950
Iodomethane (Methyl Iodide)	0.1319 0.6193	0.3282 0.6469	0.3514	0.4359	0.5284	Qua	-1.48 1	0.530 1	0.0008721			101.9			0.9990		0.9900
Carbon disulfide	1.4142 1.7511	1.7340 1.6320	1.5698	1.5767	1.7141	Ave		1.627 4				7.3		20.0			
Allyl Chloride (3-Chloropropene)	0.2309 0.3513	0.2565 0.3304	0.2493	0.2941	0.2793	Ave		0.284 5				15.4		20.0			
Methyl acetate	0.5632 0.5900	0.5971 0.5550	0.5618	0.5774	0.6304	Ave		0.582 1				4.5		20.0			
Acetonitrile	0.1180 0.0453	0.0571 0.0414	0.0489	0.0424	0.0455	Lin1	0.740 4	0.042 4				5.0			0.9980		0.9950
Methylene Chloride	0.7785 0.6682	0.7112 0.6094	0.6603	0.6411	0.6498	Ave		0.674 1				8.2		20.0			
tert-Butyl alcohol	0.0627 0.0640	0.0551 0.0600	0.0526	0.0506	0.0578	Ave		0.057 5				8.8		20.0			
MTBE	1.2145 2.0039	1.4143 1.9176	1.5762	1.6583	1.9579	Ave		1.677 5				17.8		20.0			
trans-1,2-Dichloroethene	0.3717 0.6010	0.5726 0.5455	0.5367	0.5366	0.6091	Ave		0.539 0				14.7		20.0			
Acrylonitrile	0.2399 0.2723	0.2846 0.2454	0.2729	0.2643	0.2907	Ave		0.267 2				7.1		20.0			
n-Hexane	0.5035 0.7127	0.7376 0.6761	0.7294	0.7178	0.7482	Ave		0.689 3				12.3		20.0			
Isopropyl ether	1.0695 1.8872	1.4646 1.7031	1.7705	1.9039	1.9555	Ave		1.679 2				18.8		20.0			
1,1-Dichloroethane	0.9469 1.1339	1.2024 1.0088	1.1513	1.1499	1.2043	Ave		1.113 9				8.8		20.0			
Vinyl acetate	1.0860 1.3522	1.5651 1.1692	1.4651	1.4642	1.5029	Ave		1.372 1				13.1		20.0			
Chloroprene	0.5915 0.9288	1.0042 0.8499	0.9971	0.9432	0.9588	Ave		0.896 2				16.0		20.0			
Ethyl tert-butyl ether	1.1859 1.9212	1.6906 1.7644	1.6564	1.7938	1.9038	Ave		1.702 3				14.6		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 Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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								
2,2-Dichloropropane	0.6824 1.0536	0.9343 0.9657	0.9900	0.9460	1.0379	Ave		0.944 3				13.1		20.0			
cis-1,2-Dichloroethene	0.8012 0.8839	0.8965 0.7949	0.8954	0.8959	0.9114	Ave		0.868 5				5.6		20.0			
2-Butanone	0.1141 0.0915	0.0922 0.0851	0.0907	0.0882	0.0962	Ave		0.094 0				10.1		20.0			
Ethyl acetate	1.8752 1.5498	1.8453 1.3657	1.7212	1.6484	1.6621	Ave		1.666 8				10.5		20.0			
Propane Nitrile (Propionitrile)	0.1085 0.1039	0.1137 0.0939	0.1073	0.1064	0.1101	Ave		0.106 3				5.9		20.0			
Bromochloromethane	0.2853 0.4589	0.4118 0.4143	0.4212	0.4351	0.4402	Ave		0.409 5				14.0		20.0			
Tetrahydrofuran	0.3457 0.2491	0.3233 0.2143	0.2958	0.2704	0.2727	Ave		0.281 6				15.8		20.0			
Methacrylonitrile	0.2563 0.2831	0.3364 0.2452	0.3281	0.3095	0.3114	Ave		0.295 7				11.9		20.0			
Chloroform	1.0581 1.0937	1.2736 1.0042	1.2568	1.1618	1.1764	Ave		1.146 4				8.7		20.0			
Cyclohexane	0.5561 0.7837	0.8388 0.7717	0.8369	0.7891	0.8455	Ave		0.774 5				13.0		20.0			
1,1,1-Trichloroethane	0.9085 1.1059	1.0697 1.0675	1.1206	1.0897	1.1276	Ave		1.069 9				7.0		20.0			
Carbon tetrachloride	1.3358 1.0563	1.2448 1.0040	1.1899	1.0549	1.1022	Ave		1.141 1				10.5		20.0			
1,1-Dichloropropene	0.9508 0.8392	0.9786 0.8069	0.8369	0.8188	0.8575	Ave		0.869 8				7.7		20.0			
Isobutanol	0.0231 0.0232	0.0253 0.0215	0.0240	0.0234	0.0240	Ave		0.023 5				4.8		20.0			
2,2,4-Trimethylpentane	0.8945 1.2081	1.1920 1.1507	1.2546	1.2039	1.2820	Ave		1.169 4				11.0		20.0			
Benzene	1.2036 1.5953	1.6654 1.4931	1.5932	1.6141	1.6445	Ave		1.544 2				10.3		20.0			
Tert-amyl methyl ether	0.9642 1.3863	1.2711 1.3256	1.2515	1.3097	1.3970	Ave		1.272 2				11.5		20.0			
1,2-Dichloroethane	0.5434 0.6257	0.6502 0.5858	0.6744	0.6373	0.6489	Ave		0.623 7				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 Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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								
n-Butanol	0.0097 0.0112	0.0094 0.0105	0.0095	0.0094	0.0103	Ave		0.010 n				6.8		20.0			
Ethyl acrylate	0.0386 0.1068	0.0813 0.0950	0.0826	0.0950	0.0961	Lin1	-0.07 3	0.099 4				8.3			0.9970		0.9950
Trichloroethene	0.2811 0.4253	0.3585 0.4173	0.3811	0.3940	0.4229	Ave		0.382 q				13.4		20.0			
Methylcyclohexane	0.4315 0.6562	0.5766 0.6429	0.6038	0.6336	0.6759	Ave		0.602 q				13.7		20.0			
1,2-Dichloropropane	0.3267 0.4083	0.4409 0.3823	0.4172	0.4123	0.4321	Ave		0.402 8				9.5		20.0			
Methyl methacrylate	0.2590 0.3640	0.3247 0.3421	0.3441	0.3594	0.3796	Ave		0.339 n				11.6		20.0			
1,4-Dioxane (P-Dioxane)	0.0021 0.0040	0.0032 0.0038	0.0036	0.0035	0.0037	Ave		0.003 4				18.8		20.0			
Dibromomethane	0.2156 0.2797	0.2997 0.2667	0.2927	0.2867	0.2910	Ave		0.276 n				10.4		20.0			
Bromodichloromethane	0.5280 0.6176	0.6632 0.5976	0.6044	0.6127	0.6327	Ave		0.608 n				6.8		20.0			
2-Nitropropane	0.1900 0.2710	0.2264 0.2544	0.2313	0.2461	0.2644	Ave		0.240 5				11.5		20.0			
Epichlorohydrin	+++++ 0.0056	0.0041 0.0054	0.0047	0.0051	0.0055	Ave		0.005 1				11.0		20.0			
2-Chloroethyl vinyl ether	0.1669 0.2819	0.2219 0.2729	0.2354	0.2625	0.2853	Ave		0.246 7				17.2		20.0			
cis-1,3-Dichloropropene	0.4837 0.7120	0.6412 0.6849	0.6670	0.7009	0.7327	Ave		0.660 3				12.6		20.0			
4-Methyl-2-pentanone	0.3593 0.4053	0.4852 0.3622	0.4697	0.4585	0.4528	Ave		0.427 6				12.1		20.0			
Toluene	0.9440 1.1040	1.0786 1.0422	1.0381	1.0449	1.0702	Ave		1.046 n				4.9		20.0			
trans-1,3-Dichloropropene	0.5278 0.7781	0.6535 0.7328	0.6650	0.7083	0.7538	Ave		0.688 5				12.2		20.0			
Ethyl methacrylate	0.3768 0.6339	0.4901 0.5956	0.5200	0.5711	0.6197	Ave		0.543 q				16.6		20.0			
1,1,2-Trichloroethane	0.3404 0.3687	0.3956 0.3505	0.3706	0.3613	0.3675	Ave		0.364 q				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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								
Tetrachloroethene	0.2684 0.3585	0.3063 0.3498	0.3165	0.3184	0.3394	Ave		0.322 5				9.4		20.0			
1,3-Dichloropropane	0.6209 0.7484	0.7258 0.7057	0.7311	0.7286	0.7386	Ave		0.714 1				6.0		20.0			
2-Hexanone	0.3020 0.3298	0.3347 0.2932	0.3468	0.3413	0.3422	Ave		0.327 2				6.4		20.0			
Dibromochloromethane	0.4418 0.5467	0.5070 0.5282	0.4851	0.4877	0.5169	Ave		0.501 9				6.8		20.0			
1,2-Dibromoethane	0.3633 0.4523	0.4285 0.4375	0.4112	0.4131	0.4326	Ave		0.419 8				6.8		20.0			
1-Chlorohexane	0.7998 0.4306	0.4644 0.4027	0.4268	0.4213	0.4238	Lin1	0.358 9	0.410 8				4.9			0.9990		0.9950
Chlorobenzene	1.0727 1.2501	1.2251 1.2120	1.1972	1.1958	1.2323	Ave		1.197 9				4.9		20.0			
Ethylbenzene	1.5422 2.1371	1.9155 2.0178	1.9350	2.0336	2.1028	Ave		1.954 8				10.2		20.0			
1,1,1,2-Tetrachloroethane	0.3928 0.5111	0.4995 0.4892	0.4655	0.4693	0.4844	Ave		0.473 1				8.2		20.0			
m,p-Xylenes	1.0847 1.7178	1.3979 1.6338	1.4737	1.5683	1.6628	Ave		1.505 6				14.3		20.0			
o-Xylene	1.0732 1.7728	1.3651 1.6696	1.4518	1.5786	1.7151	Ave		1.518 0				16.0		20.0			
Styrene	0.7389 1.3205	1.0574 1.2542	1.1508	1.2340	1.2841	Ave		1.148 6				17.5		20.0			
Bromoform	0.3231 0.3896	0.3436 0.3913	0.3298	0.3405	0.3658	Ave		0.354 8				7.8		20.0			
Isopropylbenzene	1.1982 2.1322	1.5601 2.0396	1.7031	1.8865	2.0332	Ave		1.793 3				18.5		20.0			
cis-1,4-Dichloro-2-butene	0.1311 0.2129	0.1692 0.2075	0.1685	0.1861	0.2019	Ave		0.182 5				15.7		20.0			
Cyclohexanone	0.0157 0.0172	0.0161 0.0161	0.0164	0.0159	0.0160	Ave		0.016 2				3.0		20.0			
n-Butyl acetate	0.0537 0.0815	0.0785 0.0761	0.0798	0.0768	0.0764	Ave		0.074 7				12.7		20.0			
Bromobenzene	0.9020 1.0634	0.9736 0.9999	0.9418	0.9516	0.9931	Ave		0.975 1				5.3		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 Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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								
1,1,2,2-Tetrachloroethane	1.4282 1.1351	1.2723 1.0311	1.2133	1.1199	1.0913	Ave		1.184 4				11.3		20.0			
N-Propylbenzene	3.4137 4.8889	4.2901 4.3967	4.4144	4.5868	4.6790	Ave		4.381 4				10.8		20.0			
1,2,3-Trichloropropane	1.5683 1.4468	1.5239 1.3055	1.4670	1.4085	1.3960	Ave		1.445 1				6.0		20.0			
trans-1,4-Dichloro-2-butene	0.3659 0.3931	0.4091 0.3540	0.4036	0.3769	0.3746	Ave		0.382 5				5.3		20.0			
2-Chlorotoluene	2.6881 3.3637	3.2211 2.9660	3.2344	3.2449	3.2670	Ave		3.140 8				7.4		20.0			
4-Ethyltoluene	2.6628 4.1275	3.5309 3.7022	3.7043	3.8518	3.9736	Ave		3.650 4				13.1		20.0			
1,3,5-Trimethylbenzene	2.2230 3.5416	2.9824 3.2077	3.1196	3.2614	3.3530	Ave		3.098 4				13.7		20.0			
4-Chlorotoluene	2.3784 3.0364	2.8679 2.7420	2.8350	2.8537	2.8622	Ave		2.796 5				7.3		20.0			
tert-Butylbenzene	1.7907 3.0403	2.2619 2.7800	2.4326	2.7193	2.8776	Ave		2.557 5				16.8		20.0			
1,2,4-Trimethylbenzene	2.1147 3.5937	2.8560 3.2315	3.1208	3.3059	3.3866	Ave		3.087 0				15.7		20.0			
sec-Butylbenzene	2.6350 4.2439	3.4510 3.8437	3.7138	3.9566	4.0992	Ave		3.706 2				14.5		20.0			
p-Cymene (p-Isopropyltoluene)	2.0305 3.8131	2.8799 3.3709	3.1547	3.4762	3.6656	Ave		3.198 7				18.8		20.0			
1,3-Dichlorobenzene	1.6107 2.0395	1.8923 1.8745	1.8524	1.8861	1.8963	Ave		1.864 5				6.8		20.0			
Dicyclopentadiene	3.8547 3.2712	3.5447 2.8959	3.4582	3.3439	3.2544	Ave		3.374 7				8.7		20.0			
1,4-Dichlorobenzene	1.9181 2.0309	1.9911 1.8649	1.9439	1.9149	1.9031	Ave		1.938 1				2.9		20.0			
Benzyl chloride	0.4293 0.4979	0.4127 0.4689	0.3997	0.4289	0.4627	Ave		0.442 9				7.9		20.0			
n-Butylbenzene	2.1185 3.2769	2.7144 2.9330	2.8955	3.0649	3.1796	Ave		2.883 3				13.4		20.0			
1,2-Dichlorobenzene	1.6139 1.9808	1.7937 1.8245	1.7965	1.7803	1.8373	Ave		1.803 8				6.0		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 Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.: _____

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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-Dibromo-3-Chloropropane	0.1782 0.2859	0.2347 0.2793	0.2262	0.2321	0.2528	Ave		0.241 3				15.0		20.0			
1,2,4-Trichlorobenzene	0.9110 1.4533	1.0086 1.3418	1.0312	1.1825	1.3313	Ave		1.180 n				17.2		20.0			
Hexachlorobutadiene	0.5598 0.6654	0.6091 0.5965	0.5989	0.6320	0.6829	Ave		0.620 7				6.9		20.0			
Naphthalene	++++ 3.6614	2.3016 3.5101	2.4651	2.9879	3.2817	Ave		3.034 6				18.3		20.0			
1,2,3-Trichlorobenzene	0.9061 1.3581	0.9862 1.2358	1.0615	1.1837	1.2670	Ave		1.142 6				14.3		20.0			
2-Methylnaphthalene	++++ 2.0181	1.1291 1.7916	1.2878	1.7795	2.0437	Qua	-11.1 5	2.513 5	-0.004250			21.0			0.9990		0.9900
1-Methylnaphthalene	++++ 1.7719	1.0543 1.5366	1.2525	1.6298	1.8004	Ave		1.507 6				19.7		20.0			
Dibromofluoromethane (Surr)	0.5809 0.4794	0.5504 0.4708	0.5620	0.5157	0.5208	Ave		0.525 7				7.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.4810 0.3609	0.4746 0.3560	0.4716	0.4249	0.3915	Ave		0.422 9				12.9		20.0			
Toluene-d8 (Surr)	1.3779 1.3142	1.3654 1.2812	1.3664	1.3499	1.2932	Ave		1.335 5				2.9		20.0			
4-Bromofluorobenzene (Surr)	1.0110 0.9625	1.0265 0.9327	1.0059	0.9999	0.9544	Ave		0.984 7				3.5		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.

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-123249/2	T09252308.D
Level 2	IC 860-123249/3	T09252309.D
Level 3	IC 860-123249/4	T09252310.D
Level 4	IC 860-123249/5	T09252311.D
Level 5	ICIS 860-123249/6	T09252312.D
Level 6	IC 860-123249/7	T09252313.D
Level 7	IC 860-123249/8	T09252314.D

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
Dichlorodifluoromethane	PFB	Ave	6981 827916	40941 1228505	81048	185964	411282	1.00 100	5.00 150	10.0	25.0	50.0
Chloromethane	PFB	Ave	9752 880409	45212 1282217	88299	229492	464591	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl chloride	PFB	Ave	6720 753431	36249 1121767	74909	179654	388416	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Butadiene	PFB	Ave	5251 552169	28185 838624	53615	136472	290899	1.00 100	5.00 150	10.0	25.0	50.0
Ethylene oxide	PFB	Qua	1489 207555	13830 284386	22623	47155	110335	10.0 1000	50.0 1500	100	250	500
Bromomethane	PFB	Qua	++++ 247347	22038 356726	41772	91400	138054	++++ 100	5.00 150	10.0	25.0	50.0
Chloroethane	PFB	Qua	3620 344034	20238 359872	40948	99101	197322	1.00 100	5.00 150	10.0	25.0	50.0
Trichlorofluoromethane	PFB	Ave	10098 1331345	63360 2057114	116922	283922	649712	1.00 100	5.00 150	10.0	25.0	50.0
Dichlorofluoromethane	PFB	Ave	11514 1460147	63599 2066234	125035	330759	701400	1.00 100	5.00 150	10.0	25.0	50.0
Diethyl ether	PFB	Ave	2102 436492	13454 635726	32565	84694	217322	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl alcohol	PFB	Ave	2276 435451	15777 587682	29170	92582	188906	10.0 1000	50.0 1500	100	250	500
1,1,2-Trichloro-1,2,2-trifluoroethane	PFB	Ave	2561 484123	20984 770120	45018	103276	222443	1.00 100	5.00 150	10.0	25.0	50.0
Acrolein	PFB	Ave	4572 805653	30973 1089831	61927	164387	382427	5.00 500	25.0 750	50.0	125	250
1,1-Dichloroethene	PFB	Ave	3094 601440	24063 856491	46329	128211	294602	1.00 100	5.00 150	10.0	25.0	50.0
Acetone	PFB	Lin1	5050 398136	19692 560232	34900	86903	183860	5.00 500	25.0 750	50.0	125	250

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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
Iodomethane (Methyl Iodide)	PFB	Qua	1233 708404	16257 1131545	35666	117510	290291	1.00 100	5.00 150	10.0	25.0	50.0
Carbon disulfide	PFB	Ave	13224 2003123	85900 2854812	159307	425064	941679	1.00 100	5.00 150	10.0	25.0	50.0
Allyl Chloride (3-Chloropropene)	PFB	Ave	2159 401826	12707 577935	25300	79293	153442	1.00 100	5.00 150	10.0	25.0	50.0
Methyl acetate	PFB	Ave	10533 1349801	59156 1941535	114024	311328	692617	2.00 200	10.0 300	20.0	50.0	100
Acetonitrile	PFB	Lin1	11038 518402	28296 724668	49598	114174	250208	10.0 1000	50.0 1500	100	250	500
Methylene Chloride	PFB	Ave	7280 764368	35233 1065941	67007	172837	356948	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butyl alcohol	PFB	Ave	5862 732104	27274 1049834	53349	136327	317348	10.0 1000	50.0 1500	100	250	500
MTBE	PFB	Ave	11357 2292196	70059 3354348	159952	447054	1075581	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,2-Dichloroethene	PFB	Ave	3476 687443	28364 954272	54462	144672	334616	1.00 100	5.00 150	10.0	25.0	50.0
Acrylonitrile	PFB	Ave	22429 3114734	140986 4293264	276960	712660	1597197	10.0 1000	50.0 1500	100	250	500
n-Hexane	PFB	Ave	4708 815239	36538 1182700	74017	193521	411025	1.00 100	5.00 150	10.0	25.0	50.0
Isopropyl ether	PFB	Ave	10001 2158730	72554 2979135	179675	513270	1074301	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloroethane	PFB	Ave	8854 1297111	59562 1764604	116832	310009	661613	1.00 100	5.00 150	10.0	25.0	50.0
Vinyl acetate	PFB	Ave	50776 7733859	387661 10225634	743388	1973706	4128096	5.00 500	25.0 750	50.0	125	250
Chloroprene	PFB	Ave	5531 1062435	49747 1486638	101193	254271	526718	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl tert-butyl ether	PFB	Ave	11089 2197637	83746 3086284	168098	483601	1045856	1.00 100	5.00 150	10.0	25.0	50.0
2,2-Dichloropropane	PFB	Ave	6381 1205199	46285 1689237	100468	255029	570200	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,2-Dichloroethene	PFB	Ave	7492 1011037	44411 1390503	90865	241534	500690	1.00 100	5.00 150	10.0	25.0	50.0
2-Butanone	PFB	Ave	5336 523376	22831 744436	46034	118853	264347	5.00 500	25.0 750	50.0	125	250
Ethyl acetate	PFB	Ave	35069 3545546	182826 4777940	349339	888769	1826239	2.00 200	10.0 300	20.0	50.0	100
Propane Nitrile (Propionitrile)	PFB	Ave	10149	56344	108861	286963	604613	10.0	50.0	100	250	500

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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
			1189073	1643235				1000	1500			
Bromochloromethane	PFB	Ave	2668 524928	20400 724784	42741	117293	241813	1.00 100	5.00 150	10.0	25.0	50.0
Tetrahydrofuran	PFB	Ave	6466 569792	32027 749857	60031	145774	299598	2.00 200	10.0 300	20.0	50.0	100
Methacrylonitrile	PFB	Ave	23966 3238884	166664 4288736	332915	834304	1710947	10.0 1000	50.0 1500	100	250	500
Chloroform	PFB	Ave	9894 1251099	63092 1756543	127547	313207	646247	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexane	PFB	Ave	5200 896436	41550 1349881	84932	212735	464470	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1-Trichloroethane	PFB	Ave	8495 1265046	52989 1867232	113725	293778	619477	1.00 100	5.00 150	10.0	25.0	50.0
Carbon tetrachloride	PFB	Ave	12491 1208255	61664 1756150	120752	284381	605487	1.00 100	5.00 150	10.0	25.0	50.0
1,1-Dichloropropene	PFB	Ave	8891 959974	48477 1411429	84931	220741	471066	1.00 100	5.00 150	10.0	25.0	50.0
Isobutanol	DFBZ	Ave	8847 1021451	50188 1421654	98466	243999	520367	25.0 2500	125 3750	250	625	1250
2,2,4-Trimethylpentane	DFBZ	Ave	13688 2130257	94607 3036569	206271	502959	1112241	1.00 100	5.00 150	10.0	25.0	50.0
Benzene	DFBZ	Ave	18419 2813071	132177 3940089	261926	674362	1426724	1.00 100	5.00 150	10.0	25.0	50.0
Tert-amyl methyl ether	DFBZ	Ave	14755 2444460	100886 3497972	205753	547176	1212019	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloroethane	DFBZ	Ave	8316 1103304	51604 1545772	110874	266263	562936	1.00 100	5.00 150	10.0	25.0	50.0
n-Butanol	DFBZ	Ave	3700 490100	18519 688047	38752	97572	221625	24.8 2480	124 3720	248	620	1240
Ethyl acrylate	DCBd4	Lin1	253 90009	3160 128377	6676	19650	42435	1.00 100	5.00 150	10.0	25.0	50.0
Trichloroethene	DFBZ	Ave	4301 750005	28451 1101096	62649	164625	366882	1.00 100	5.00 150	10.0	25.0	50.0
Methylcyclohexane	DFBZ	Ave	6603 1157085	45761 1696601	99270	264703	586393	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichloropropane	DFBZ	Ave	5000 719918	34990 1008831	68588	172265	374842	1.00 100	5.00 150	10.0	25.0	50.0
Methyl methacrylate	DFBZ	Ave	7926 1283891	51547 1805722	113142	300330	658687	2.00 200	10.0 300	20.0	50.0	100
1,4-Dioxane (P-Dioxane)	DFBZ	Ave	635 140759	5104 203117	11695	29074	64358	20.0 2000	100 3000	200	500	1000

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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
Dibromomethane	DFBZ	Ave	3299 493143	23783 703805	48128	119768	252503	1.00 100	5.00 150	10.0	25.0	50.0
Bromodichloromethane	DFBZ	Ave	8080 1089135	52637 1577044	99371	255966	548953	1.00 100	5.00 150	10.0	25.0	50.0
2-Nitropropane	CBNZd 5	Ave	5317 871174	34284 1246579	72126	195017	439017	2.00 200	10.0 300	20.0	50.0	100
Epichlorohydrin	DFBZ	Ave	++++ 99283	3295 143265	7808	21448	47847	++++ 1001	50.0 1501	100	250	500
2-Chloroethyl vinyl ether	DFBZ	Ave	2554 497130	17613 720218	38708	109664	247522	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,3-Dichloropropene	DFBZ	Ave	7402 1255495	50889 1807466	109661	292814	635655	1.00 100	5.00 150	10.0	25.0	50.0
4-Methyl-2-pentanone	DFBZ	Ave	27495 3573495	192545 4778321	386149	957676	1964337	5.00 500	25.0 750	50.0	125	250
Toluene	CBNZd 5	Ave	13212 1774626	81672 2553202	161833	413959	888317	1.00 100	5.00 150	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBNZd 5	Ave	7387 1250747	49483 1795278	103671	280610	625702	1.00 100	5.00 150	10.0	25.0	50.0
Ethyl methacrylate	CBNZd 5	Ave	5274 1018899	37112 1459058	81061	226254	514363	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2-Trichloroethane	CBNZd 5	Ave	4764 592615	29958 858590	57768	143126	305089	1.00 100	5.00 150	10.0	25.0	50.0
Tetrachloroethene	CBNZd 5	Ave	3756 576279	23196 856866	49345	126151	281763	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichloropropane	CBNZd 5	Ave	8689 1203004	54958 1728980	113980	288642	613065	1.00 100	5.00 150	10.0	25.0	50.0
2-Hexanone	CBNZd 5	Ave	21136 2651043	126731 3591192	270316	676081	1420287	5.00 500	25.0 750	50.0	125	250
Dibromochloromethane	CBNZd 5	Ave	6183 878830	38392 1294151	75623	193224	429082	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromoethane	CBNZd 5	Ave	5084 727022	32447 1071803	64111	163670	359086	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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
1-Chlorohexane	CBNZd 5	Lin1	11194 692158	35165 986669	66536	166888	351822	1.00 100	5.00 150	10.0	25.0	50.0
Chlorobenzene	CBNZd 5	Ave	15013 2009428	92765 2969317	186634	473720	1022878	1.00 100	5.00 150	10.0	25.0	50.0
Ethylbenzene	CBNZd 5	Ave	21583 3435284	145043 4943436	301663	805628	1745522	1.00 100	5.00 150	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd 5	Ave	5498 821509	37827 1198382	72576	185918	402094	1.00 100	5.00 150	10.0	25.0	50.0
m,p-Xylenes	CBNZd 5	Ave	15181 2761370	105851 4002711	229748	621311	1380275	1.00 100	5.00 150	10.0	25.0	50.0
o-Xylene	CBNZd 5	Ave	15019 2849677	103369 4090368	226329	625377	1423709	1.00 100	5.00 150	10.0	25.0	50.0
Styrene	CBNZd 5	Ave	10341 2122644	80066 3072578	179406	488884	1065921	1.00 100	5.00 150	10.0	25.0	50.0
Bromoform	CBNZd 5	Ave	4522 626198	26016 958693	51409	134892	303635	1.00 100	5.00 150	10.0	25.0	50.0
Isopropylbenzene	CBNZd 5	Ave	16769 3427498	118136 4996908	265506	747351	1687722	1.00 100	5.00 150	10.0	25.0	50.0
cis-1,4-Dichloro-2-butene	CBNZd 5	Ave	1835 342252	12816 508289	26267	73736	167619	1.00 100	5.00 150	10.0	25.0	50.0
Cyclohexanone	CBNZd 5	Ave	11007 1383144	61139 1969120	127486	315728	664403	50.0 5000	250 7500	500	1250	2500
n-Butyl acetate	CBNZd 5	Ave	751 130971	5943 186366	12434	30410	63444	1.00 100	5.00 150	10.0	25.0	50.0
Bromobenzene	DCBd4	Ave	5913 895843	37840 1350614	76132	196762	438314	1.00 100	5.00 150	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	9363 956247	49445 1392689	98071	231541	481654	1.00 100	5.00 150	10.0	25.0	50.0
N-Propylbenzene	DCBd4	Ave	22379 4118621	166730 5938515	356827	948374	2065057	1.00 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	10281	59225	118580	291214	616117	1.00	5.00	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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
			1218824	1763299				100	150			
trans-1,4-Dichloro-2-butene	DCBd4	Ave	2399 331169	15899 478138	32623	77930	165346	1.00 100	5.00 150	10.0	25.0	50.0
2-Chlorotoluene	DCBd4	Ave	17622 2833790	125186 4006183	261442	670912	1441908	1.00 100	5.00 150	10.0	25.0	50.0
4-Ethyltoluene	DCBd4	Ave	17456 3477173	137226 5000554	299428	796401	1753727	1.00 100	5.00 150	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	14573 2983615	115910 4332583	252162	674323	1479825	1.00 100	5.00 150	10.0	25.0	50.0
4-Chlorotoluene	DCBd4	Ave	15592 2558033	111460 3703616	229164	590026	1263209	1.00 100	5.00 150	10.0	25.0	50.0
tert-Butylbenzene	DCBd4	Ave	11739 2561328	87908 3754877	196636	562252	1270043	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	13863 3027477	110996 4364757	252263	683537	1494673	1.00 100	5.00 150	10.0	25.0	50.0
sec-Butylbenzene	DCBd4	Ave	17274 3575268	134121 5191666	300195	818074	1809162	1.00 100	5.00 150	10.0	25.0	50.0
p-Cymene (p-Isopropyltoluene)	DCBd4	Ave	13311 3212352	111926 4553000	255006	718748	1617804	1.00 100	5.00 150	10.0	25.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	10559 1718182	73541 2531863	149734	389978	836911	1.00 100	5.00 150	10.0	25.0	50.0
Dicyclopentadiene	DCBd4	Ave	25270 2755847	137762 3911442	279533	691383	1436331	1.00 100	5.00 150	10.0	25.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	12574 1710943	77382 2518962	157131	395921	839929	1.00 100	5.00 150	10.0	25.0	50.0
Benzyl chloride	DCBd4	Ave	2814 419479	16039 633319	32306	88670	204234	1.00 100	5.00 150	10.0	25.0	50.0
n-Butylbenzene	DCBd4	Ave	13888 2760594	105493 3961622	234052	633706	1403317	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	10580 1668721	69709 2464344	145215	368087	810898	1.00 100	5.00 150	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	1168 240888	9123 377199	18285	47991	111578	1.00 100	5.00 150	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	5972 1224361	39198 1812358	83357	244492	587557	1.00 100	5.00 150	10.0	25.0	50.0
Hexachlorobutadiene	DCBd4	Ave	3670 560582	23673 805623	48411	130676	301382	1.00 100	5.00 150	10.0	25.0	50.0
Naphthalene	DCBd4	Ave	+++++ 3084575	89449 4741032	199258	617784	1448354	+++++ 100	5.00 150	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	5940 1144146	38327 1669137	85801	244748	559177	1.00 100	5.00 150	10.0	25.0	50.0

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

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 123249

SDG No.:

Instrument ID: A294 GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/25/2023 12:11 Calibration End Date: 09/25/2023 14:04 Calibration ID: 5969

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
2-Methylnaphthalene	DCBd4	Qua	+++++ 1700172	43882 2419836	104098	367938	901966	+++++ 100	5.00 150	10.0	25.0	50.0
1-Methylnaphthalene	DCBd4	Ave	+++++ 1492711	40975 2075467	101245	336977	794592	+++++ 100	5.00 150	10.0	25.0	50.0
Dibromofluoromethane (Surr)	PFB	Ave	271591 274169	272648 274512	285152	278080	286104	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	DFBZ	Ave	368043 318166	376653 313110	387640	355073	339689	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd 5	Ave	964180 1056268	1033917 1046300	1065055	1069560	1073491	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	DCBd4	Ave	331385 405445	398936 419924	406550	413483	421242	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

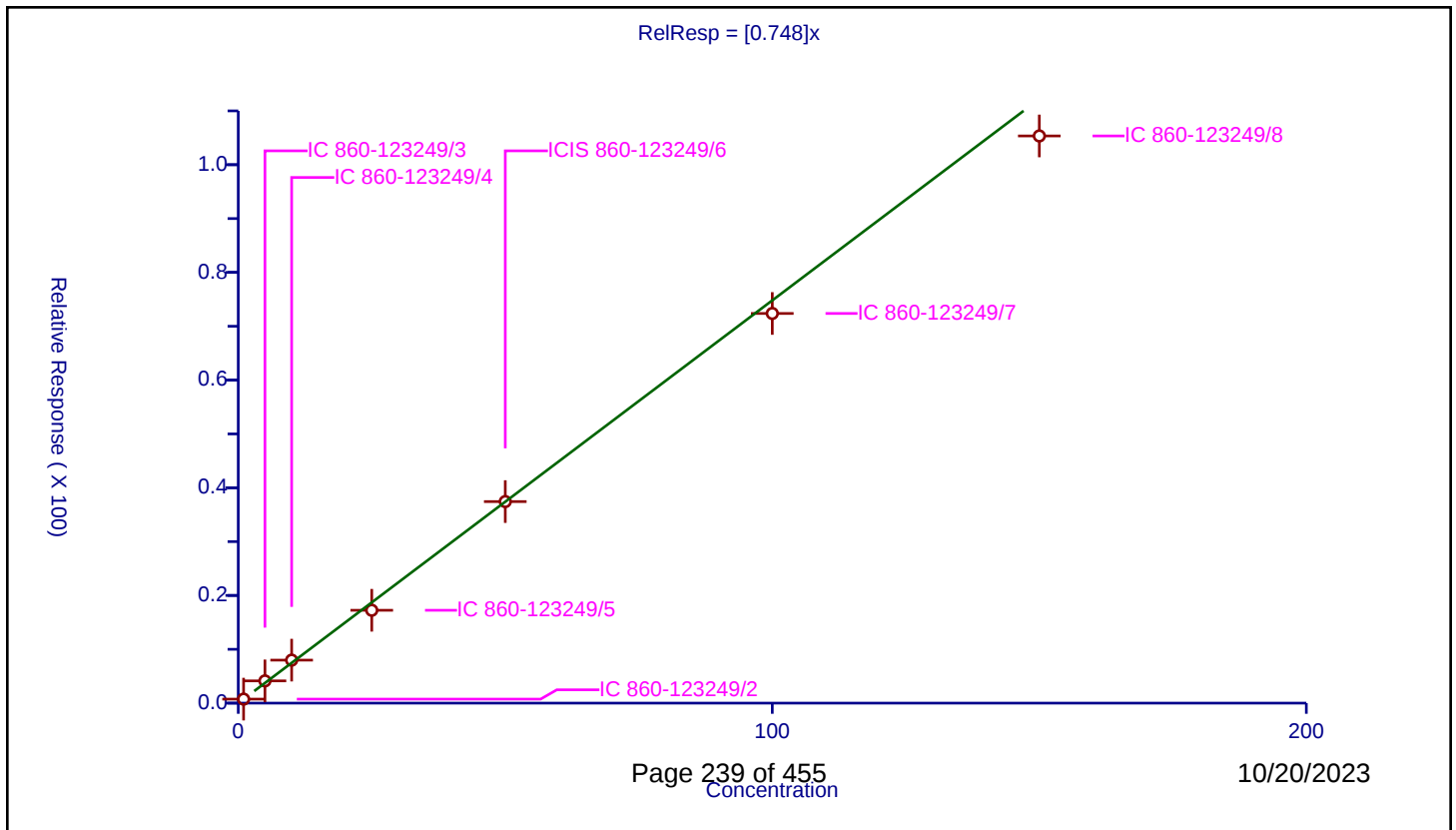
Curve Coefficients

Intercept: 0
Slope: 0.748

Error Coefficients

Standard Error: 633000
Relative Standard Error: 6.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.746556	50.0	467547.0	0.746556	Y
2	IC 860-123249/3	5.0	4.132307	50.0	495377.0	0.826461	Y
3	IC 860-123249/4	10.0	7.986394	50.0	507413.0	0.798639	Y
4	IC 860-123249/5	25.0	17.245012	50.0	539182.0	0.6898	Y
5	ICIS 860-123249/6	50.0	37.432695	50.0	549362.0	0.748654	Y
6	IC 860-123249/7	100.0	72.376859	50.0	571948.0	0.723769	Y
7	IC 860-123249/8	150.0	105.347263	50.0	583074.0	0.702315	Y



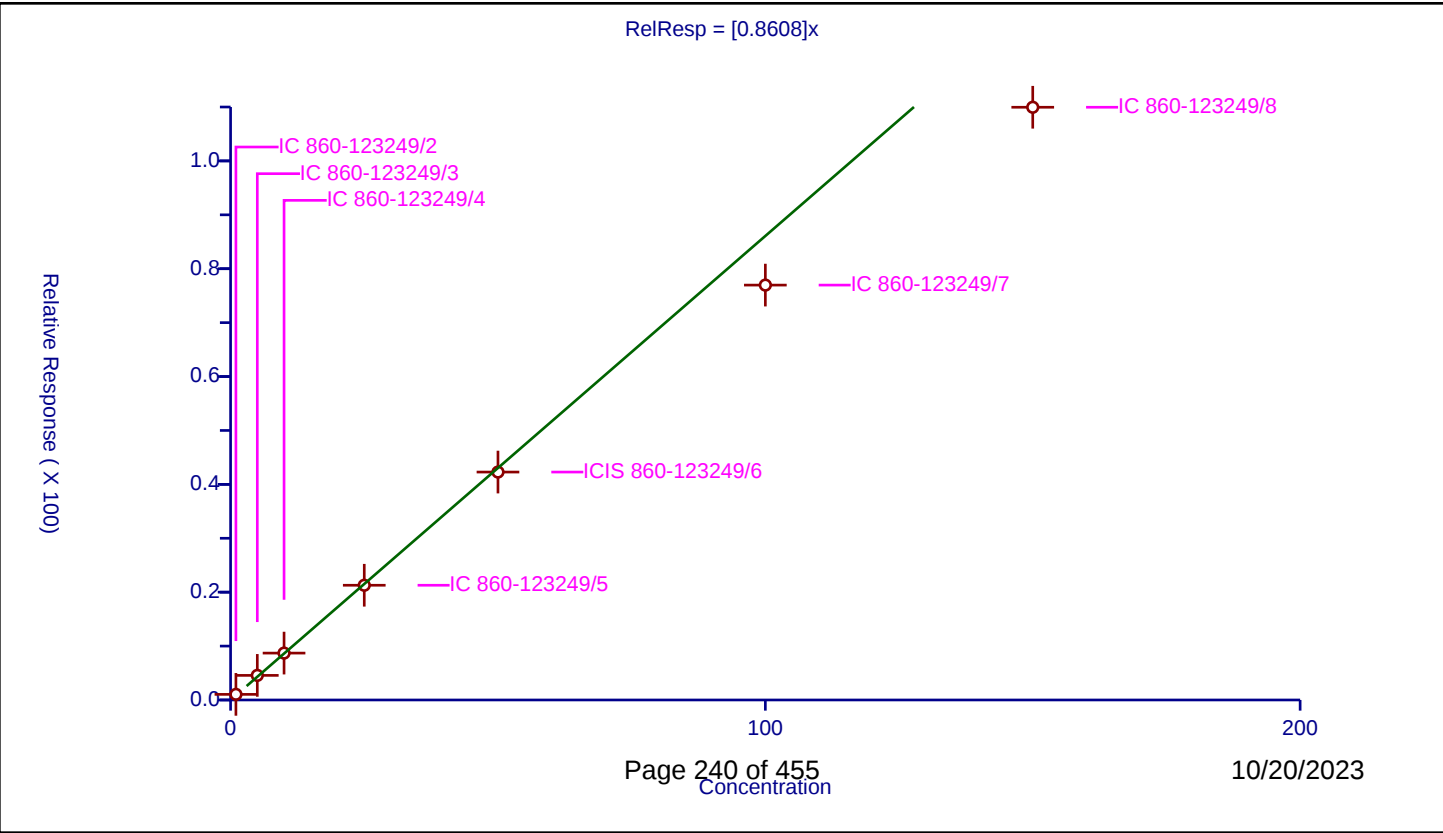
Calibration

/ 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:	0.8608
Error Coefficients	
Standard Error:	670000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.04289	50.0	467547.0	1.04289	Y
2	IC 860-123249/3	5.0	4.563393	50.0	495377.0	0.912679	Y
3	IC 860-123249/4	10.0	8.7009	50.0	507413.0	0.87009	Y
4	IC 860-123249/5	25.0	21.281497	50.0	539182.0	0.85126	Y
5	ICIS 860-123249/6	50.0	42.284596	50.0	549362.0	0.845692	Y
6	IC 860-123249/7	100.0	76.965826	50.0	571948.0	0.769658	Y
7	IC 860-123249/8	150.0	109.953196	50.0	583074.0	0.733021	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

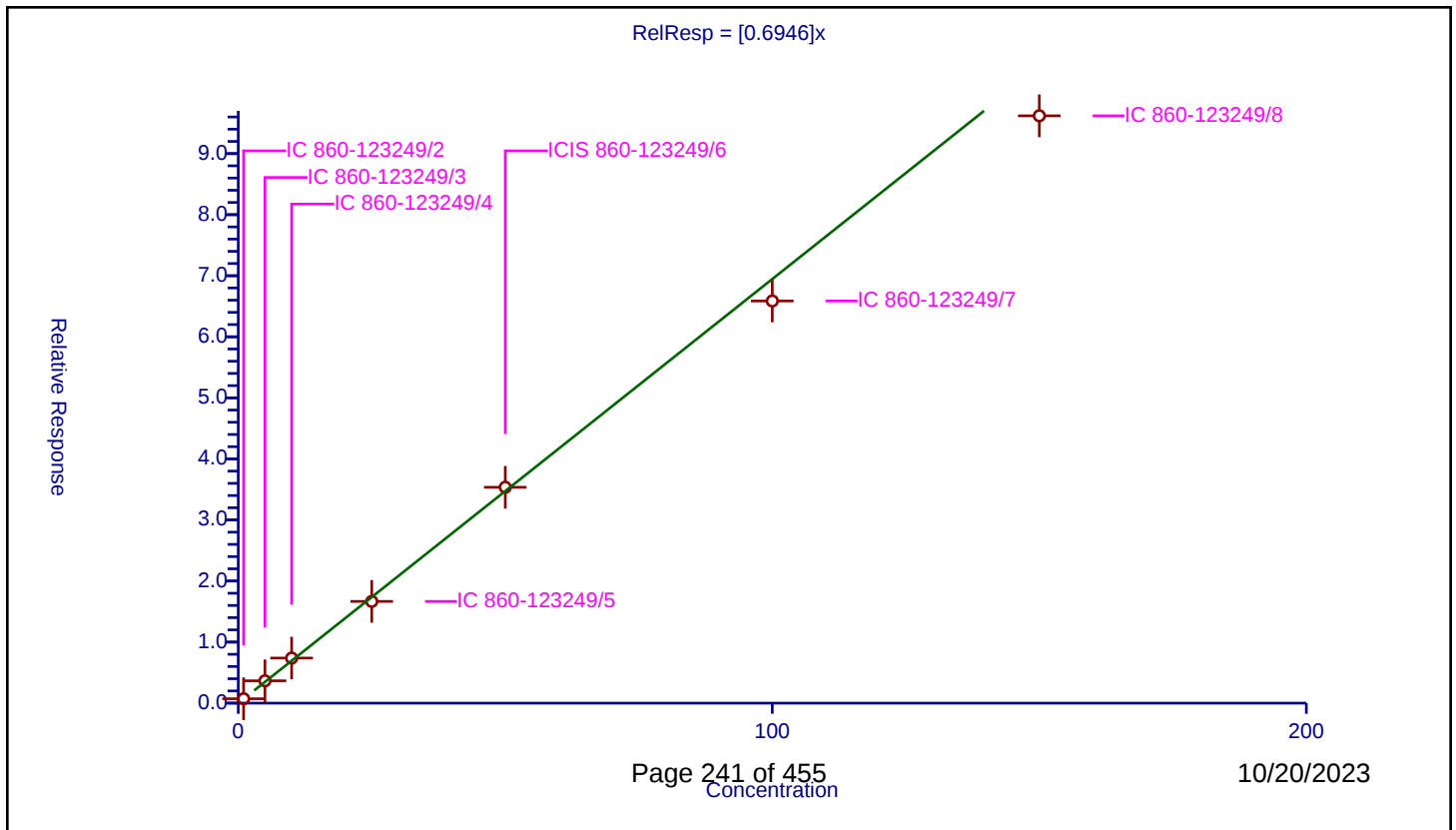
Curve Coefficients

Intercept: 0
Slope: 0.6946

Error Coefficients

Standard Error: 580000
Relative Standard Error: 5.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.718644	50.0	467547.0	0.718644	Y
2	IC 860-123249/3	5.0	3.658729	50.0	495377.0	0.731746	Y
3	IC 860-123249/4	10.0	7.381462	50.0	507413.0	0.738146	Y
4	IC 860-123249/5	25.0	16.659866	50.0	539182.0	0.666395	Y
5	ICIS 860-123249/6	50.0	35.351553	50.0	549362.0	0.707031	Y
6	IC 860-123249/7	100.0	65.865341	50.0	571948.0	0.658653	Y
7	IC 860-123249/8	150.0	96.194222	50.0	583074.0	0.641295	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

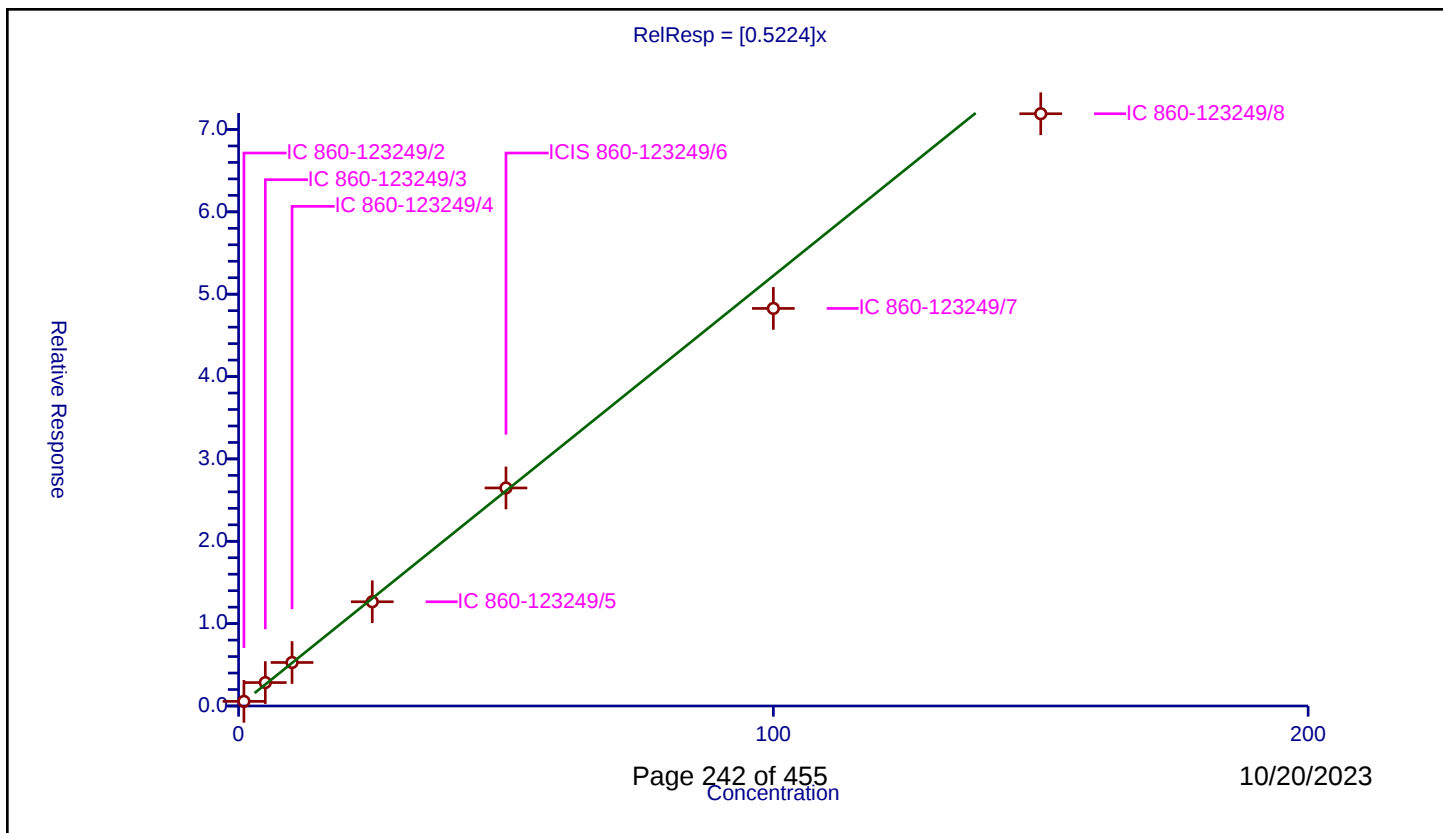
Curve Coefficients

Intercept: 0
Slope: 0.5224

Error Coefficients

Standard Error: 431000
Relative Standard Error: 6.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.561548	50.0	467547.0	0.561548	Y
2	IC 860-123249/3	5.0	2.844803	50.0	495377.0	0.568961	Y
3	IC 860-123249/4	10.0	5.283172	50.0	507413.0	0.528317	Y
4	IC 860-123249/5	25.0	12.655467	50.0	539182.0	0.506219	Y
5	ICIS 860-123249/6	50.0	26.476076	50.0	549362.0	0.529522	Y
6	IC 860-123249/7	100.0	48.270909	50.0	571948.0	0.482709	Y
7	IC 860-123249/8	150.0	71.914028	50.0	583074.0	0.479427	Y



Calibration

/ Ethylene oxide

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

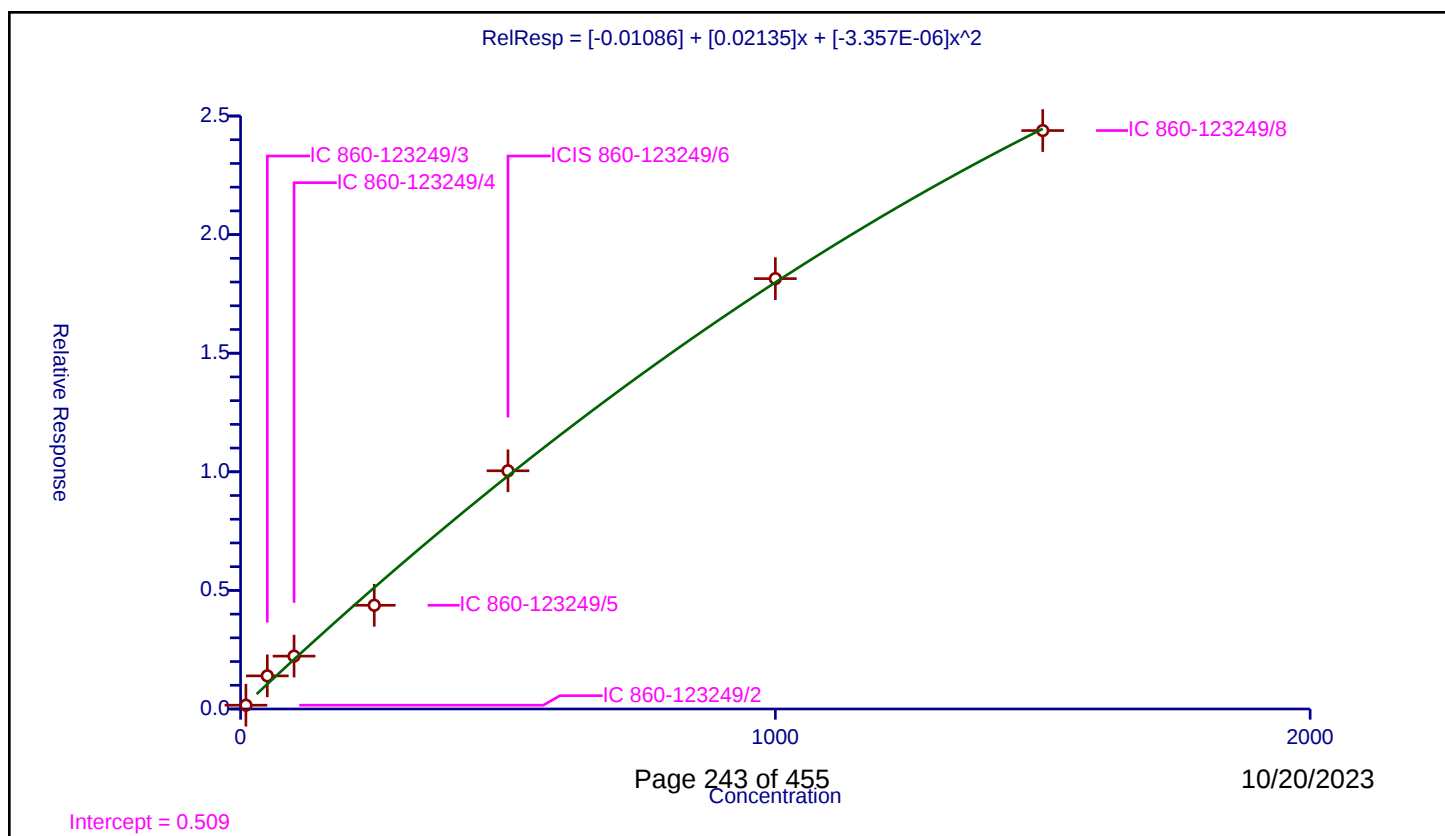
Curve Coefficients

Intercept: -0.01086
Slope: 0.02135
Second Order: -3.357E-06

Error Coefficients

Standard Error: 186000
Relative Standard Error: 21.1
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	10.0	0.159235	50.0	467547.0	0.015924	Y
2	IC 860-123249/3	50.0	1.395907	50.0	495377.0	0.027918	Y
3	IC 860-123249/4	100.0	2.229249	50.0	507413.0	0.022292	Y
4	IC 860-123249/5	250.0	4.372828	50.0	539182.0	0.017491	Y
5	ICIS 860-123249/6	500.0	10.042103	50.0	549362.0	0.020084	Y
6	IC 860-123249/7	1000.0	18.144569	50.0	571948.0	0.018145	Y
7	IC 860-123249/8	1500.0	24.386785	50.0	583074.0	0.016258	Y



Calibration

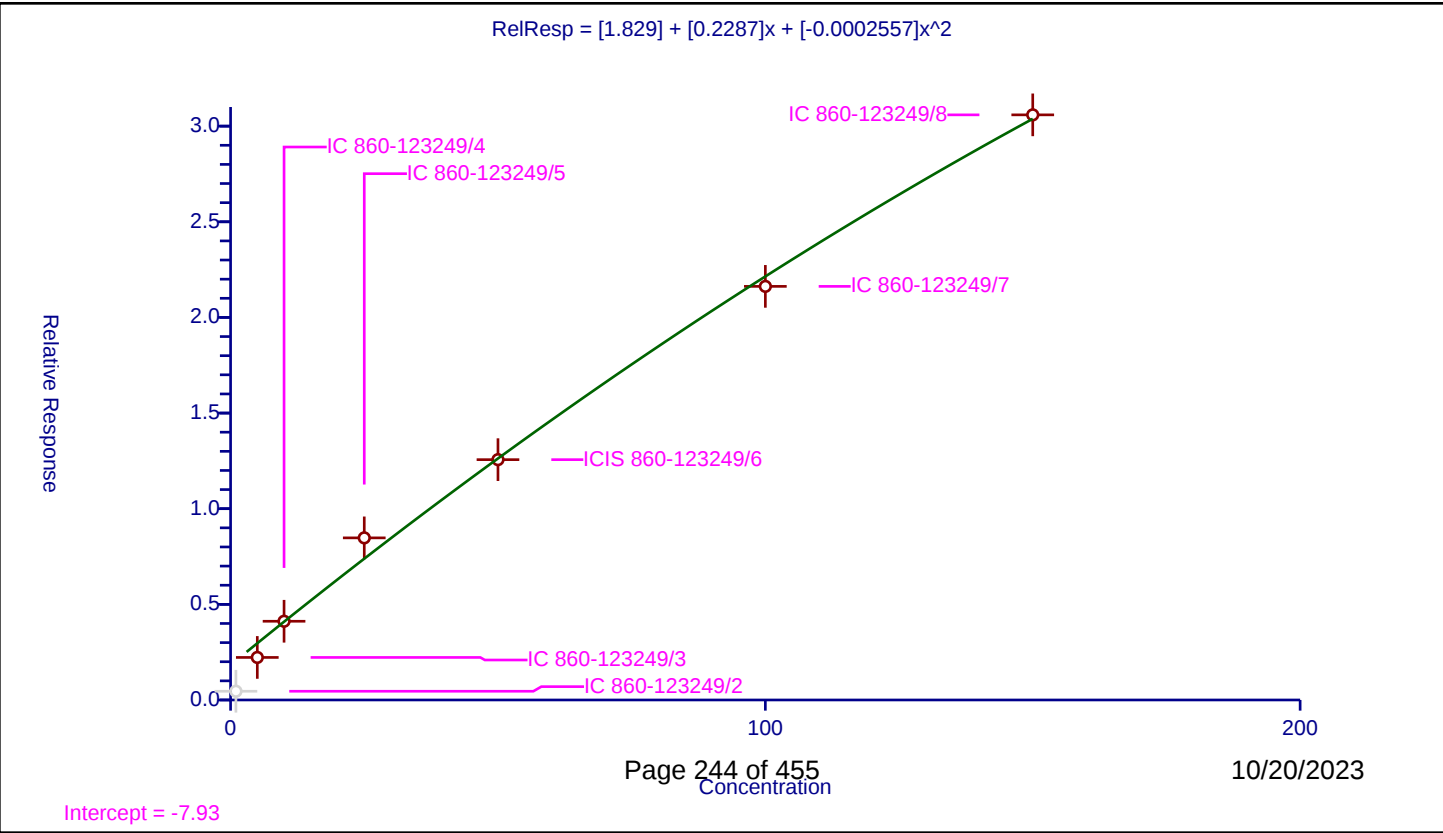
/ Bromomethane

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	1.829
Slope:	0.2287
Second Order:	-0.0002557

Error Coefficients	
Standard Error:	270000
Relative Standard Error:	39.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.456639	50.0	467547.0	0.456639	N
2	IC 860-123249/3	5.0	2.224366	50.0	495377.0	0.444873	Y
3	IC 860-123249/4	10.0	4.116174	50.0	507413.0	0.411617	Y
4	IC 860-123249/5	25.0	8.475802	50.0	539182.0	0.339032	Y
5	ICIS 860-123249/6	50.0	12.564939	50.0	549362.0	0.251299	Y
6	IC 860-123249/7	100.0	21.623207	50.0	571948.0	0.216232	Y
7	IC 860-123249/8	150.0	30.590114	50.0	583074.0	0.203934	Y



Calibration

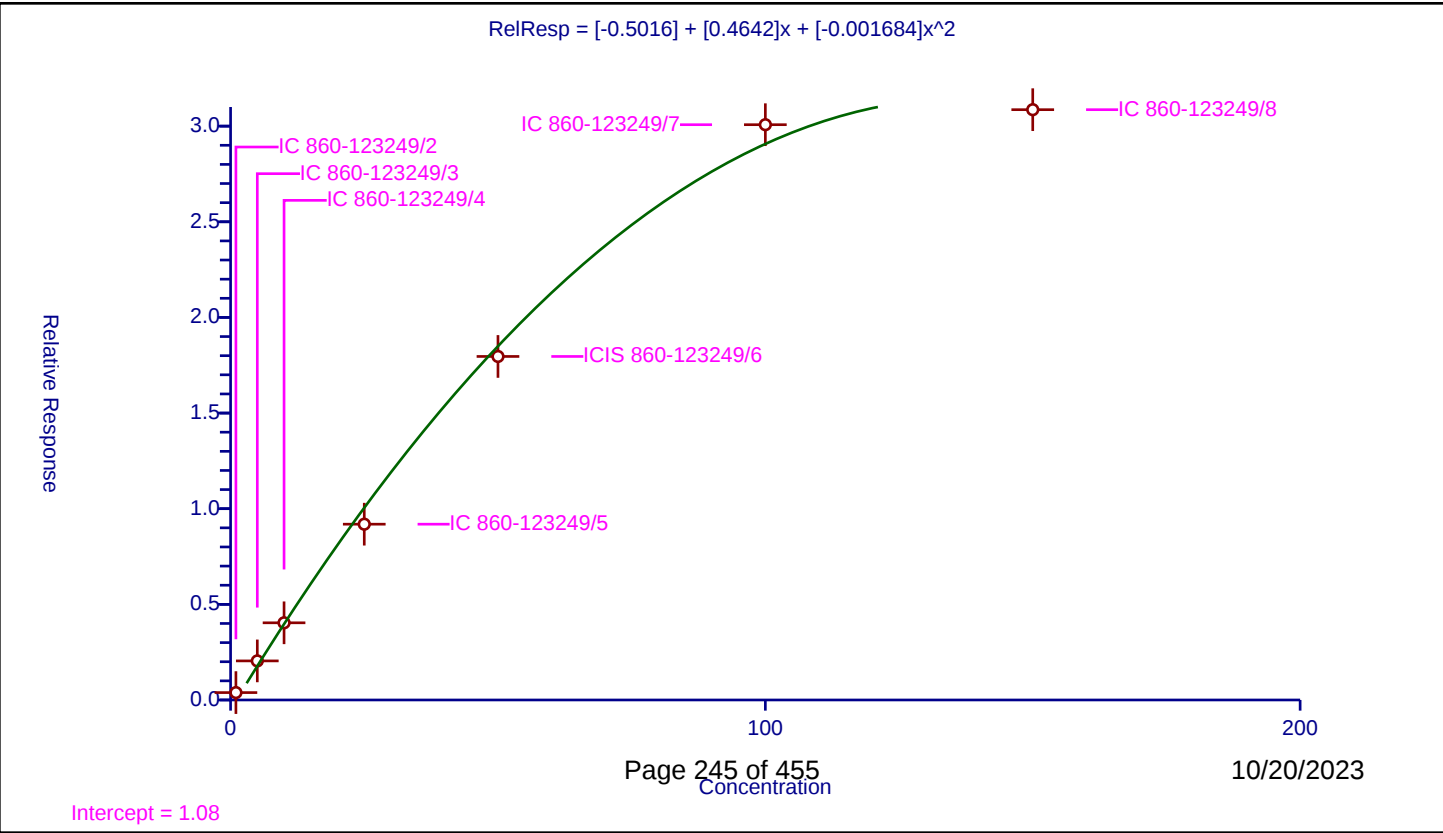
/ Chloroethane

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	-0.5016
Slope:	0.4642
Second Order:	-0.001684

Error Coefficients	
Standard Error:	273000
Relative Standard Error:	48.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.387127	50.0	467547.0	0.387127	Y
2	IC 860-123249/3	5.0	2.042687	50.0	495377.0	0.408537	Y
3	IC 860-123249/4	10.0	4.034977	50.0	507413.0	0.403498	Y
4	IC 860-123249/5	25.0	9.18994	50.0	539182.0	0.367598	Y
5	ICIS 860-123249/6	50.0	17.959196	50.0	549362.0	0.359184	Y
6	IC 860-123249/7	100.0	30.075636	50.0	571948.0	0.300756	Y
7	IC 860-123249/8	150.0	30.859891	50.0	583074.0	0.205733	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

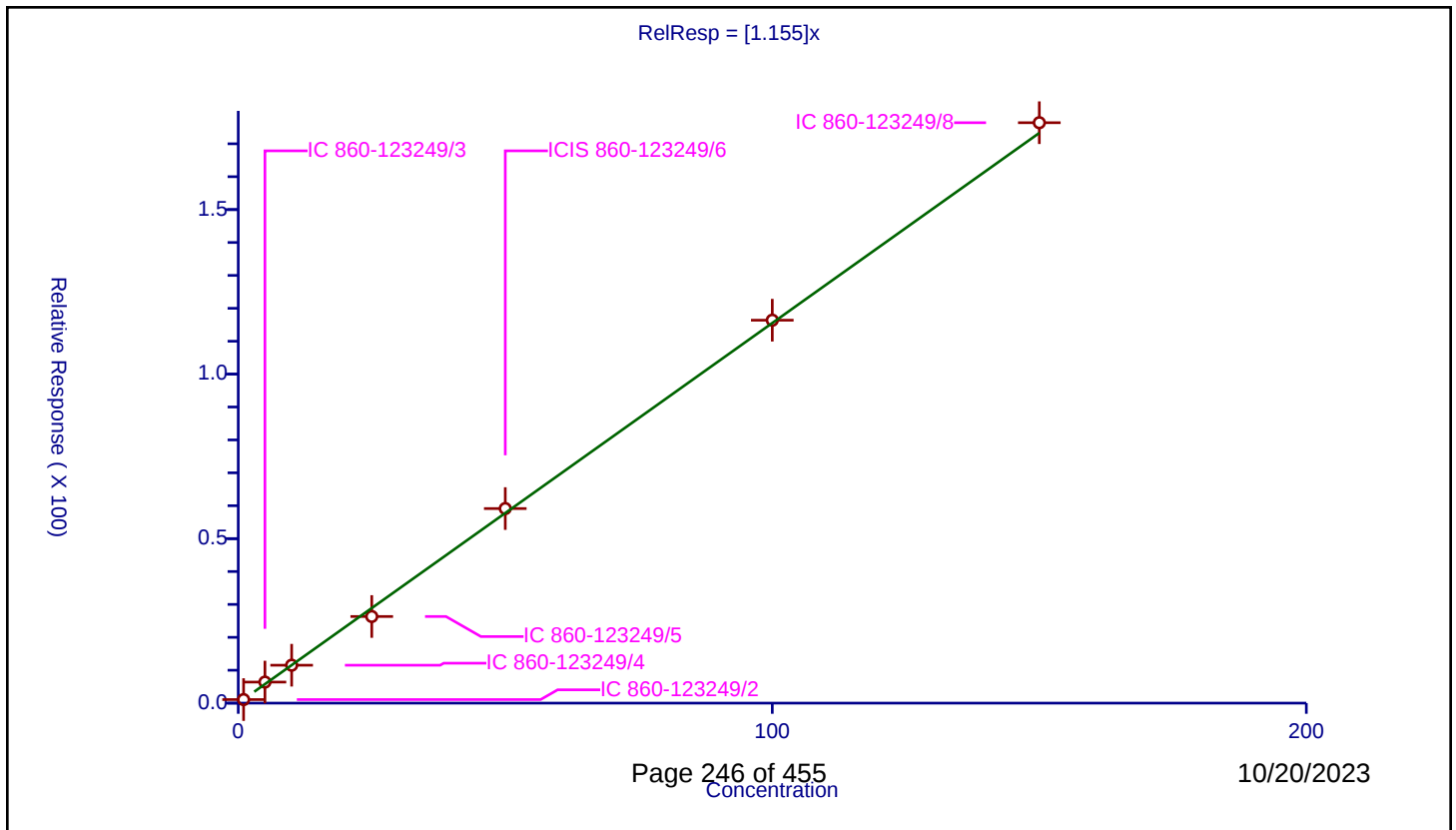
Curve Coefficients

Intercept: 0
Slope: 1.155

Error Coefficients

Standard Error: 1040000
Relative Standard Error: 6.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.079891	50.0	467547.0	1.079891	Y
2	IC 860-123249/3	5.0	6.395129	50.0	495377.0	1.279026	Y
3	IC 860-123249/4	10.0	11.521384	50.0	507413.0	1.152138	Y
4	IC 860-123249/5	25.0	26.328958	50.0	539182.0	1.053158	Y
5	ICIS 860-123249/6	50.0	59.133322	50.0	549362.0	1.182666	Y
6	IC 860-123249/7	100.0	116.386892	50.0	571948.0	1.163869	Y
7	IC 860-123249/8	150.0	176.402481	50.0	583074.0	1.176017	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

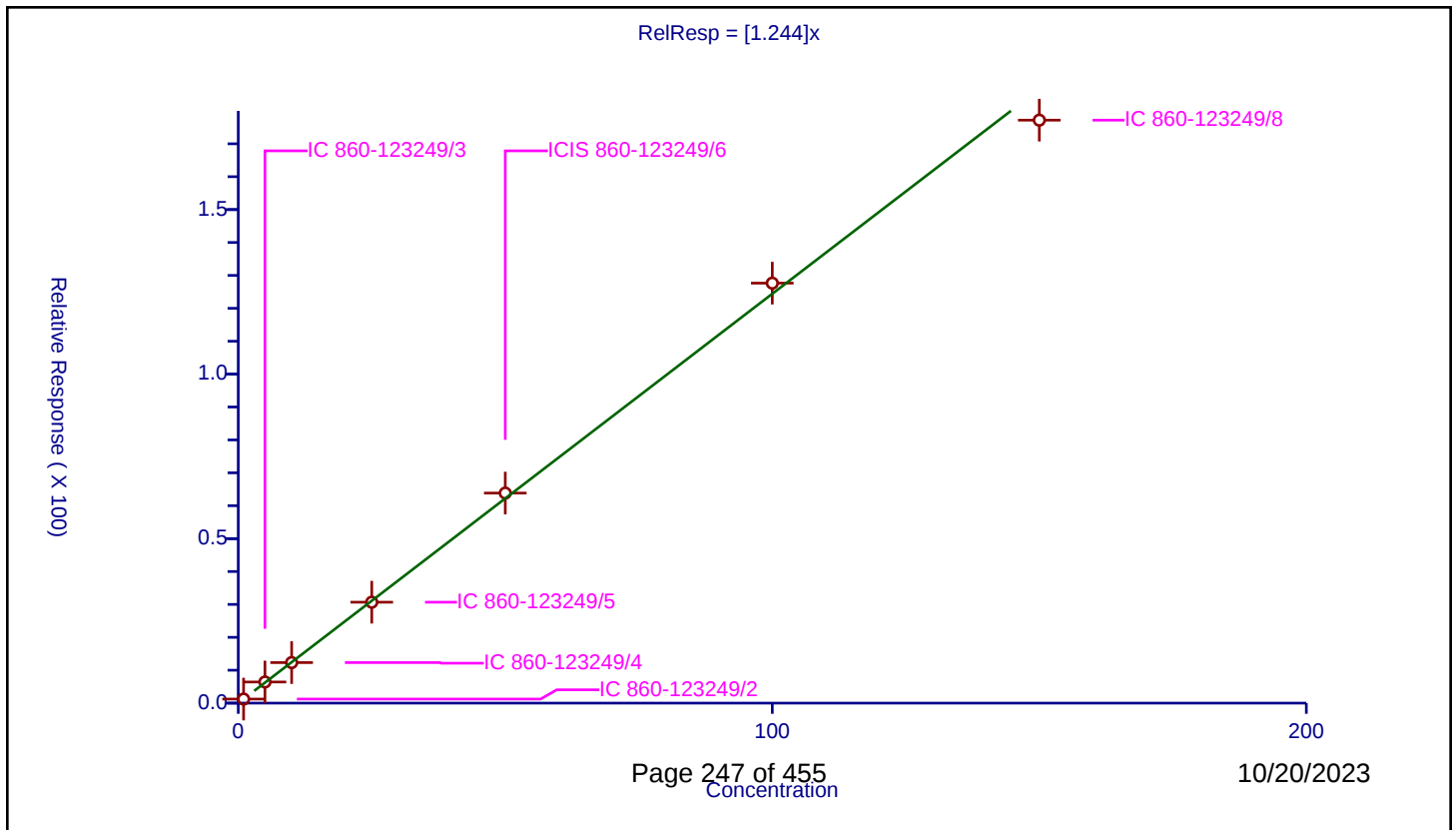
Curve Coefficients

Intercept: 0
Slope: 1.244

Error Coefficients

Standard Error: 1080000
Relative Standard Error: 3.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.23132	50.0	467547.0	1.23132	Y
2	IC 860-123249/3	5.0	6.419252	50.0	495377.0	1.28385	Y
3	IC 860-123249/4	10.0	12.320831	50.0	507413.0	1.232083	Y
4	IC 860-123249/5	25.0	30.672296	50.0	539182.0	1.226892	Y
5	ICIS 860-123249/6	50.0	63.837688	50.0	549362.0	1.276754	Y
6	IC 860-123249/7	100.0	127.646832	50.0	571948.0	1.276468	Y
7	IC 860-123249/8	150.0	177.184543	50.0	583074.0	1.18123	Y



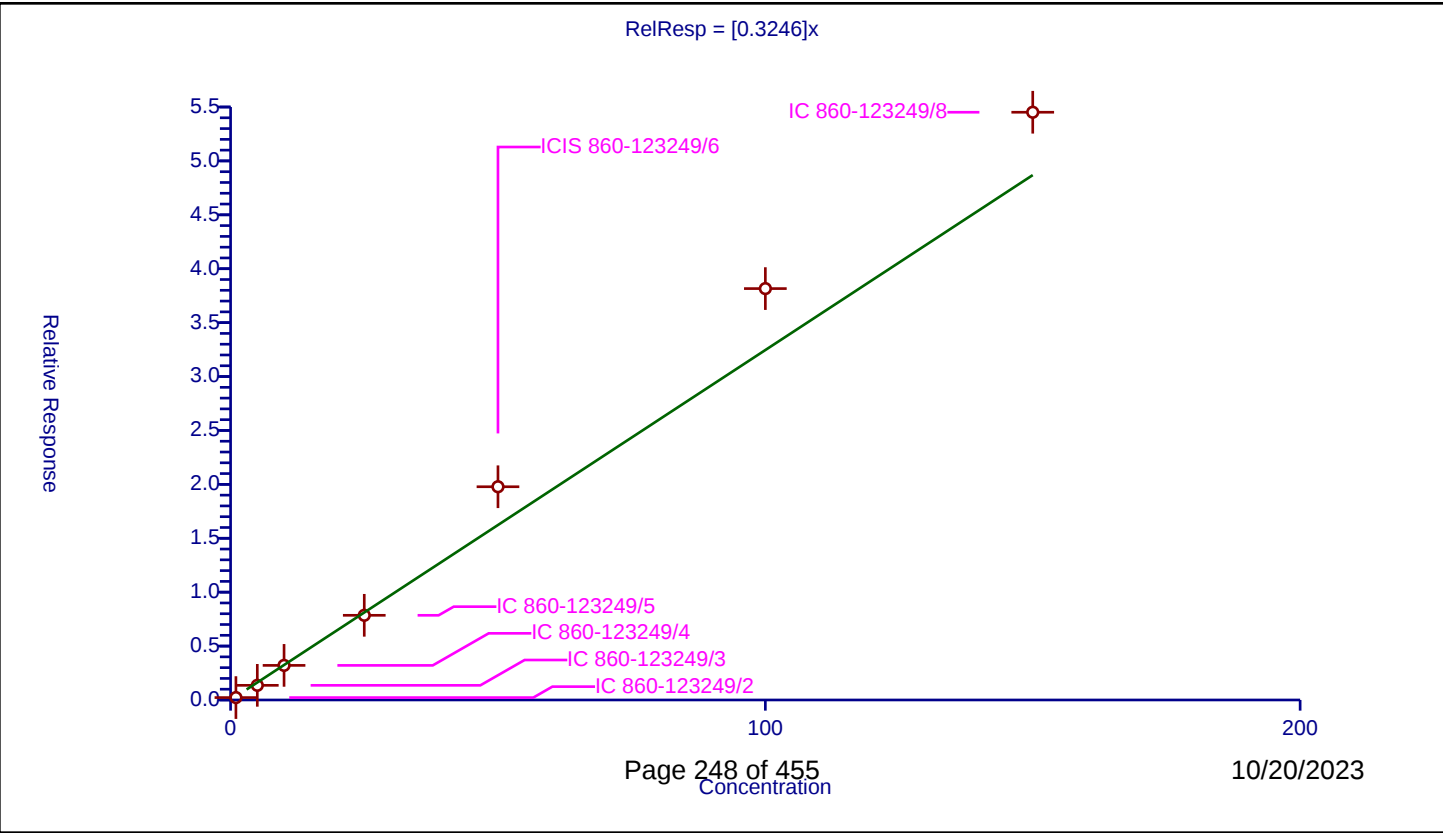
Calibration

/ 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:	0.3246
Error Coefficients	
Standard Error:	329000
Relative Standard Error:	18.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.22479	50.0	467547.0	0.22479	Y
2	IC 860-123249/3	5.0	1.357956	50.0	495377.0	0.271591	Y
3	IC 860-123249/4	10.0	3.208924	50.0	507413.0	0.320892	Y
4	IC 860-123249/5	25.0	7.853934	50.0	539182.0	0.314157	Y
5	ICIS 860-123249/6	50.0	19.77949	50.0	549362.0	0.39559	Y
6	IC 860-123249/7	100.0	38.158364	50.0	571948.0	0.381584	Y
7	IC 860-123249/8	150.0	54.515036	50.0	583074.0	0.363434	Y



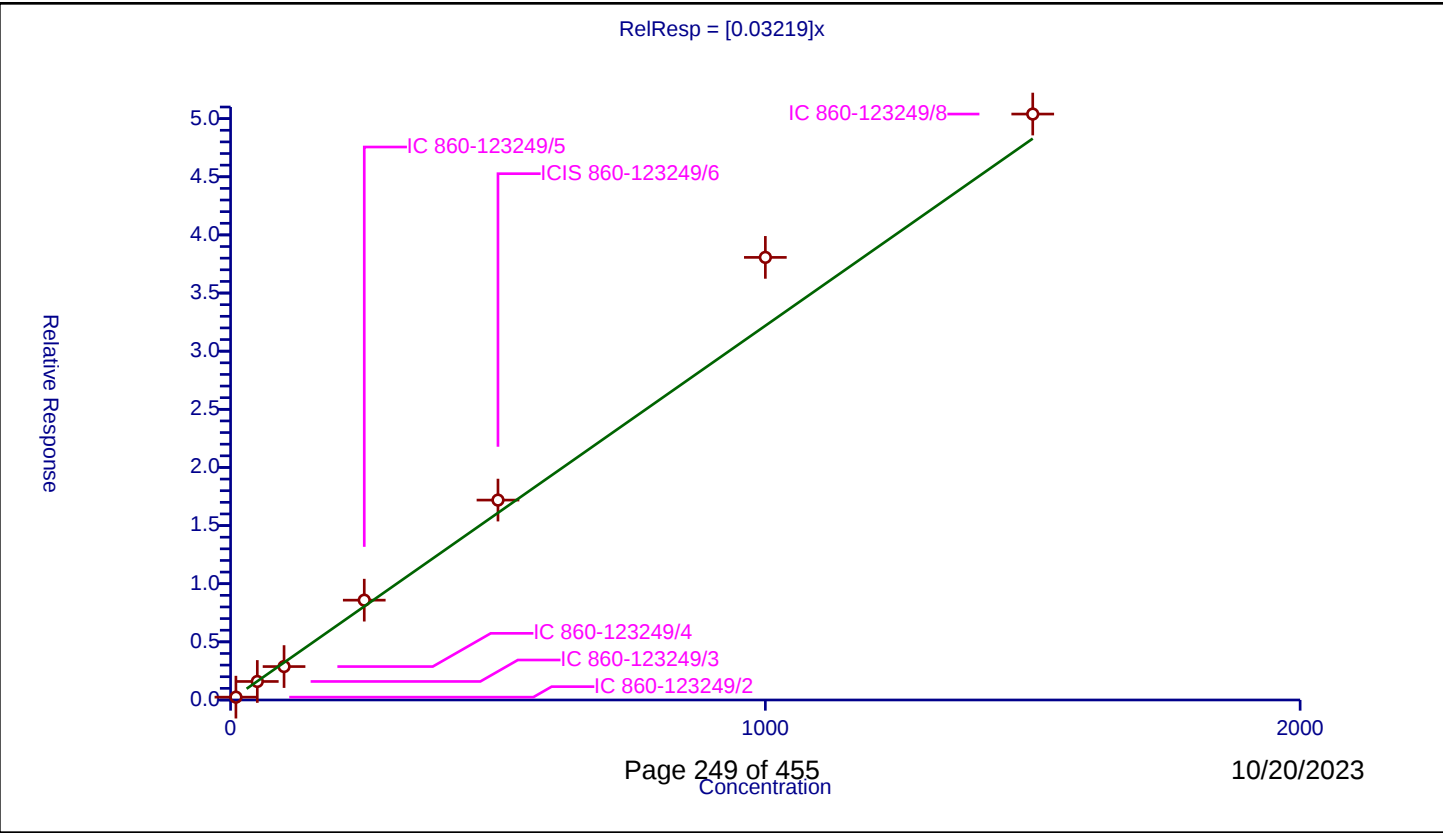
Calibration

/ 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:	0.03219
Error Coefficients	
Standard Error:	311000
Relative Standard Error:	13.9
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	10.0	0.243398	50.0	467547.0	0.02434	Y
2	IC 860-123249/3	50.0	1.592424	50.0	495377.0	0.031848	Y
3	IC 860-123249/4	100.0	2.874384	50.0	507413.0	0.028744	Y
4	IC 860-123249/5	250.0	8.585413	50.0	539182.0	0.034342	Y
5	ICIS 860-123249/6	500.0	17.193217	50.0	549362.0	0.034386	Y
6	IC 860-123249/7	1000.0	38.067359	50.0	571948.0	0.038067	Y
7	IC 860-123249/8	1500.0	50.395147	50.0	583074.0	0.033597	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

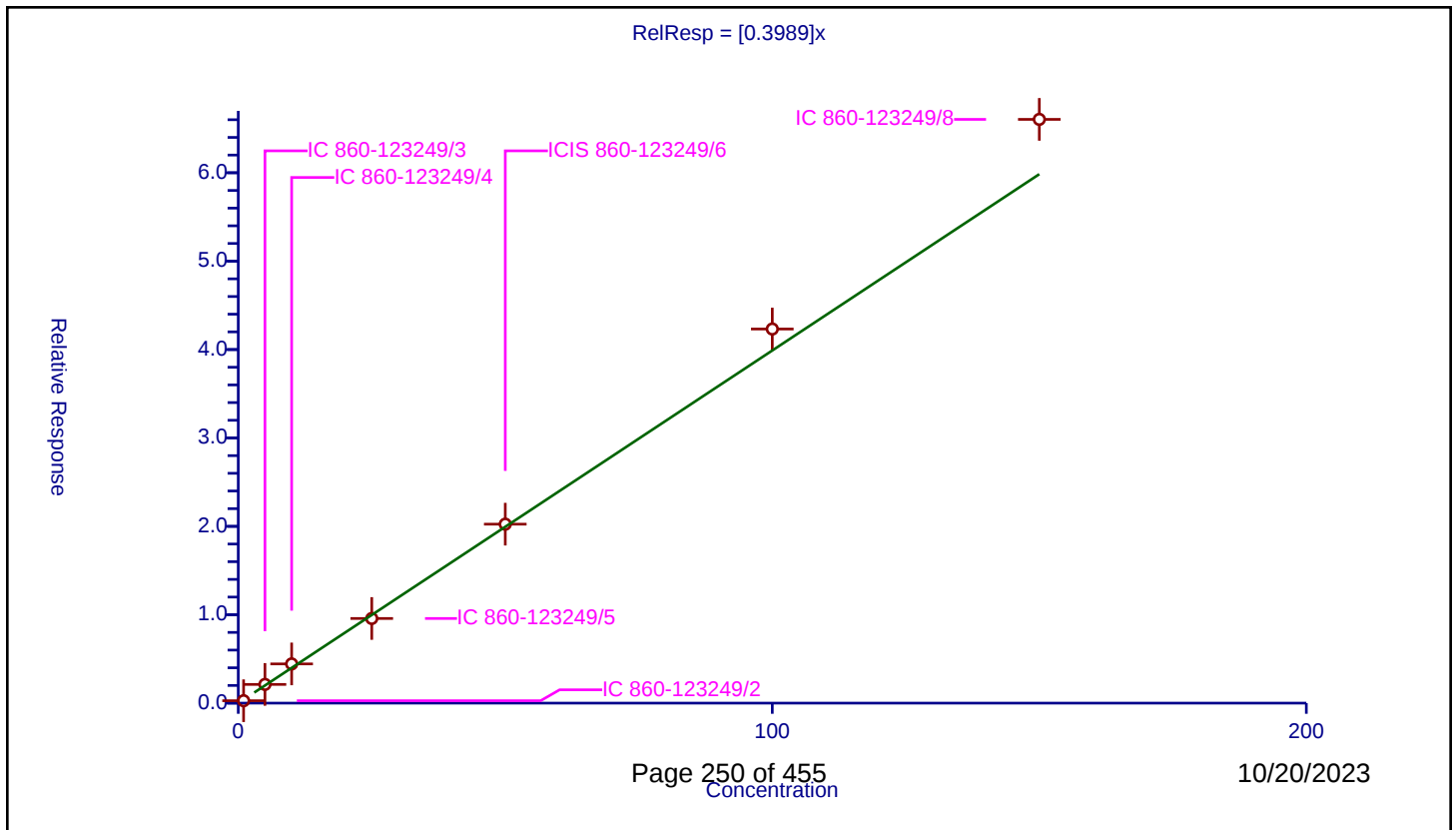
Curve Coefficients

Intercept: 0
Slope: 0.3989

Error Coefficients

Standard Error: 385000
Relative Standard Error: 14.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.273876	50.0	467547.0	0.273876	Y
2	IC 860-123249/3	5.0	2.117983	50.0	495377.0	0.423597	Y
3	IC 860-123249/4	10.0	4.436031	50.0	507413.0	0.443603	Y
4	IC 860-123249/5	25.0	9.5771	50.0	539182.0	0.383084	Y
5	ICIS 860-123249/6	50.0	20.245576	50.0	549362.0	0.404912	Y
6	IC 860-123249/7	100.0	42.322292	50.0	571948.0	0.423223	Y
7	IC 860-123249/8	150.0	66.039645	50.0	583074.0	0.440264	Y



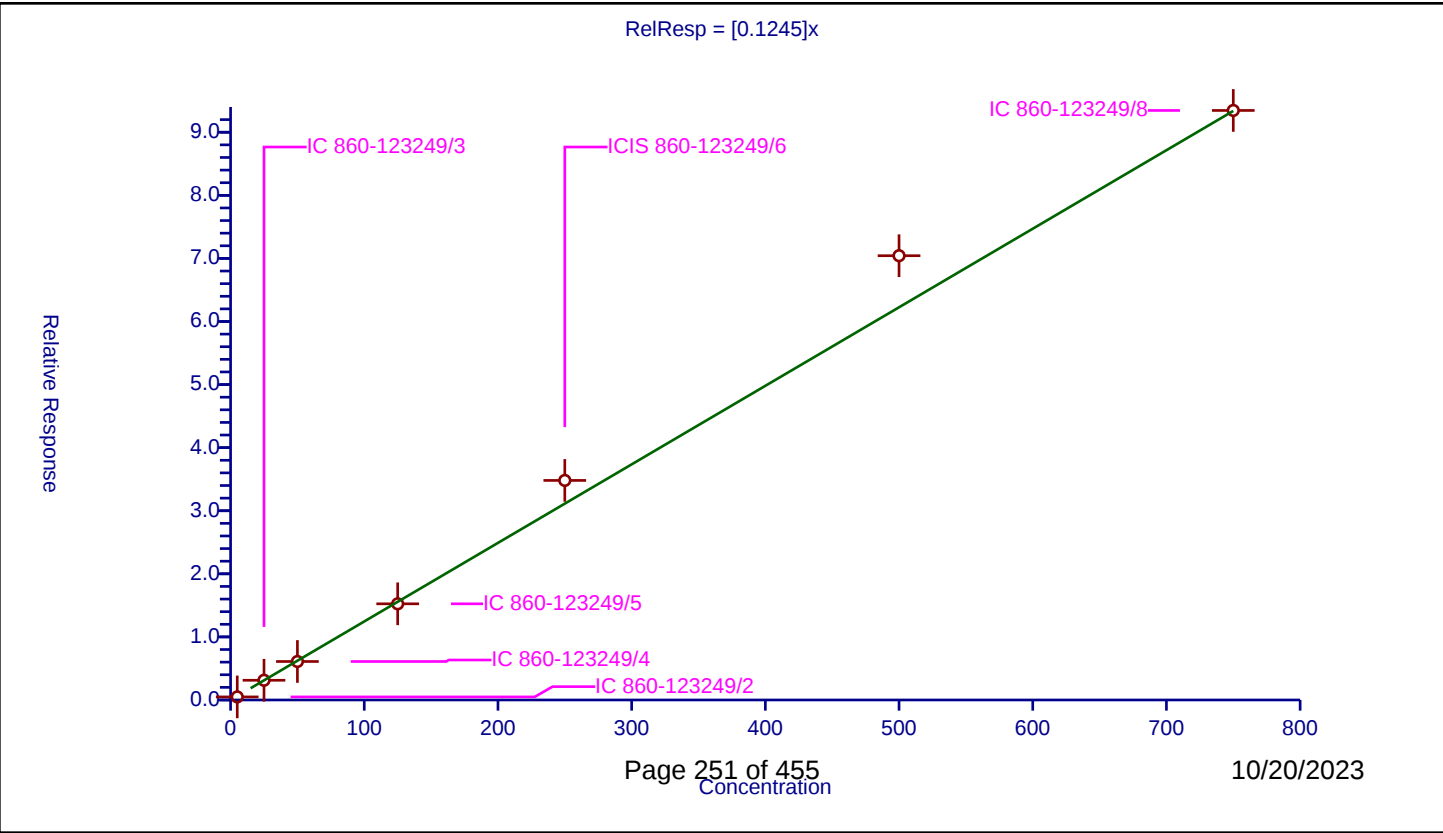
Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1245
Error Coefficients	
Standard Error:	579000
Relative Standard Error:	11.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	5.0	0.488935	50.0	467547.0	0.097787	Y
2	IC 860-123249/3	25.0	3.126205	50.0	495377.0	0.125048	Y
3	IC 860-123249/4	50.0	6.102228	50.0	507413.0	0.122045	Y
4	IC 860-123249/5	125.0	15.244111	50.0	539182.0	0.121953	Y
5	ICIS 860-123249/6	250.0	34.806466	50.0	549362.0	0.139226	Y
6	IC 860-123249/7	500.0	70.430616	50.0	571948.0	0.140861	Y
7	IC 860-123249/8	750.0	93.455633	50.0	583074.0	0.124608	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

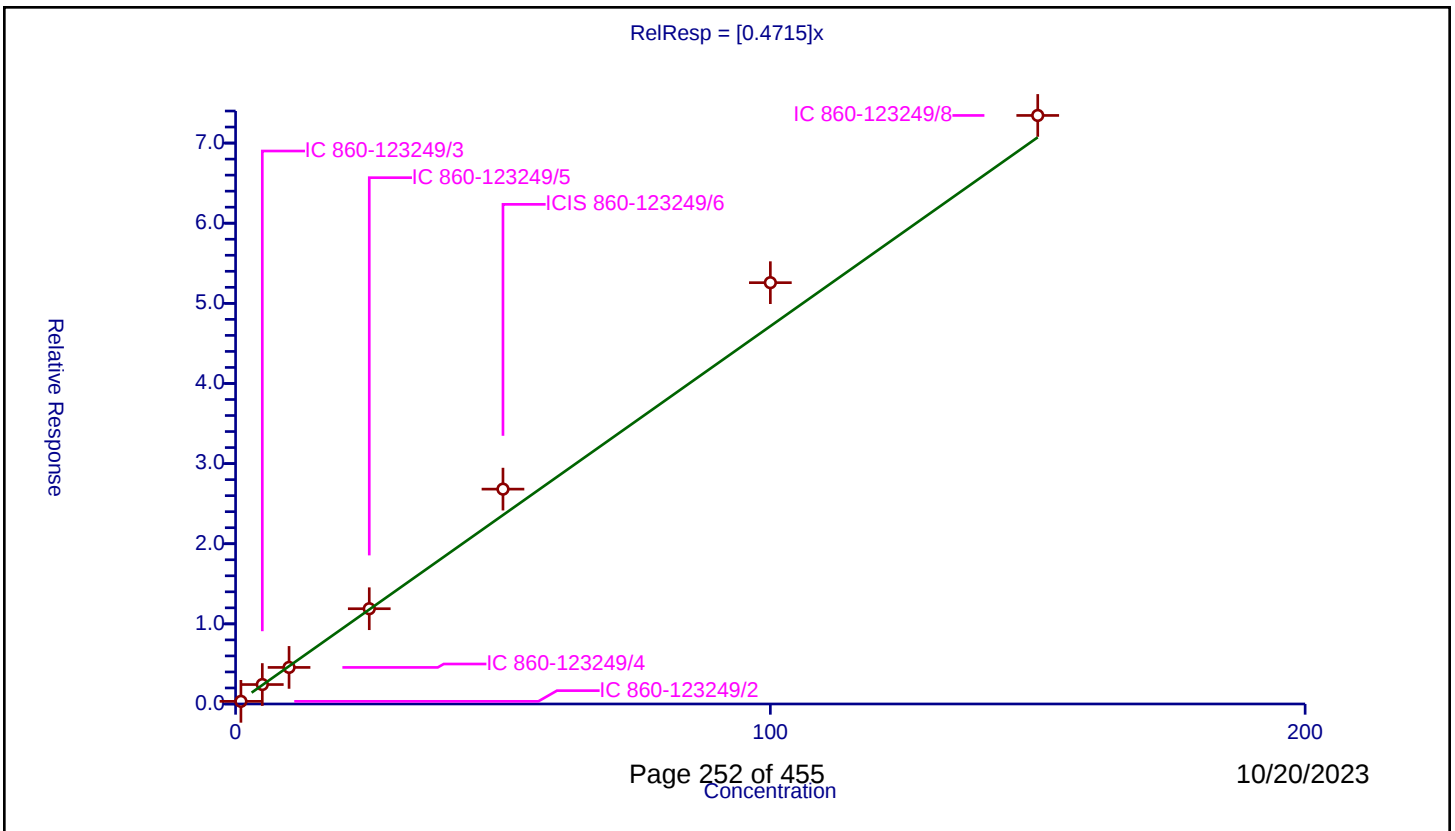
Curve Coefficients

Intercept: 0
Slope: 0.4715

Error Coefficients

Standard Error: 447000
Relative Standard Error: 14.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.330876	50.0	467547.0	0.330876	Y
2	IC 860-123249/3	5.0	2.428756	50.0	495377.0	0.485751	Y
3	IC 860-123249/4	10.0	4.565216	50.0	507413.0	0.456522	Y
4	IC 860-123249/5	25.0	11.889399	50.0	539182.0	0.475576	Y
5	ICIS 860-123249/6	50.0	26.813103	50.0	549362.0	0.536262	Y
6	IC 860-123249/7	100.0	52.578206	50.0	571948.0	0.525782	Y
7	IC 860-123249/8	150.0	73.446166	50.0	583074.0	0.489641	Y



Calibration

/ Acetone

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

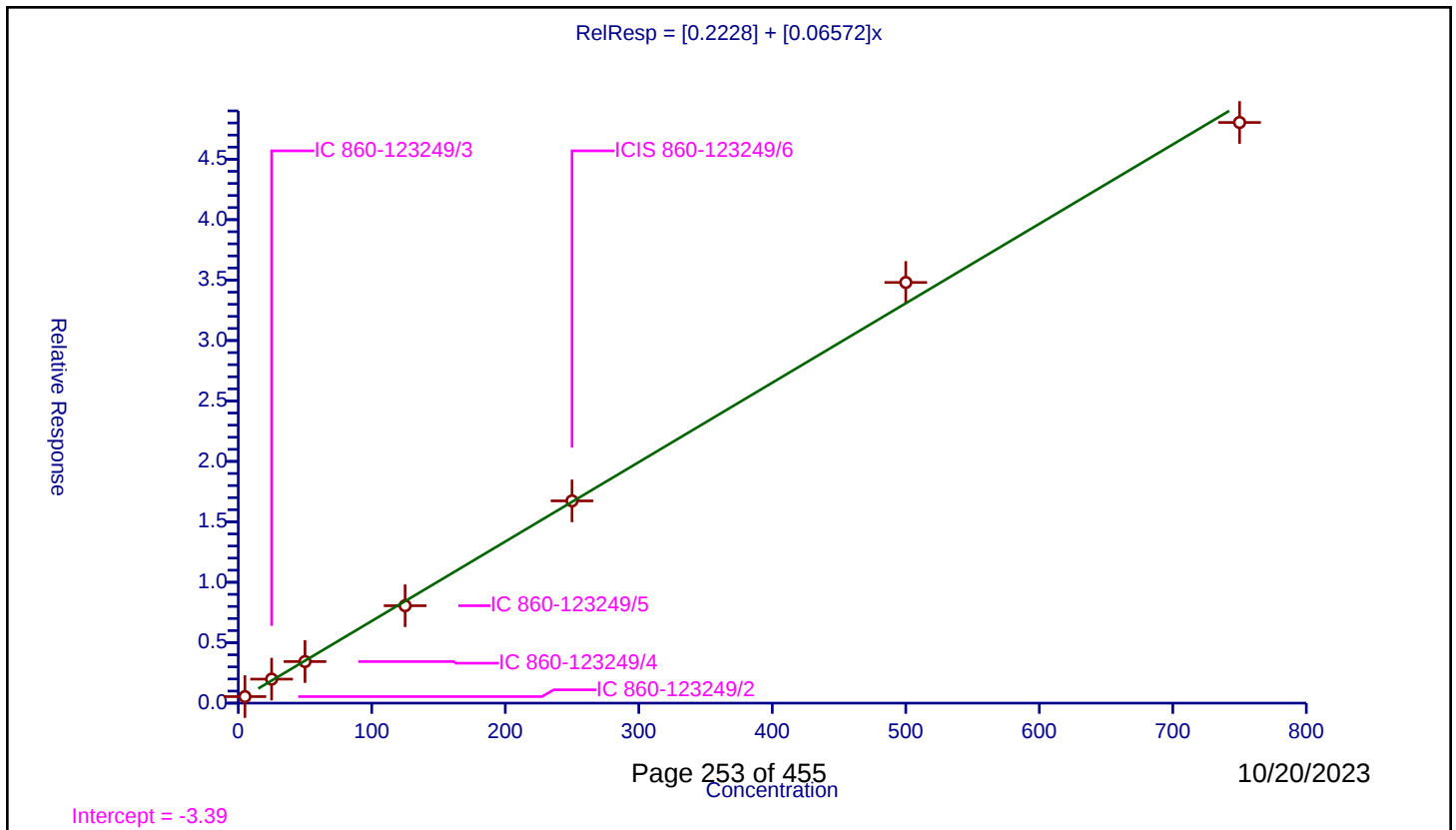
Curve Coefficients

Intercept: 0.2228
Slope: 0.06572

Error Coefficients

Standard Error: 321000
Relative Standard Error: 5.1
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	5.0	0.540053	50.0	467547.0	0.108011	Y
2	IC 860-123249/3	25.0	1.987577	50.0	495377.0	0.079503	Y
3	IC 860-123249/4	50.0	3.439013	50.0	507413.0	0.06878	Y
4	IC 860-123249/5	125.0	8.058782	50.0	539182.0	0.06447	Y
5	ICIS 860-123249/6	250.0	16.733957	50.0	549362.0	0.066936	Y
6	IC 860-123249/7	500.0	34.805262	50.0	571948.0	0.069611	Y
7	IC 860-123249/8	750.0	48.041243	50.0	583074.0	0.064055	Y



Calibration

/ Iodomethane

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

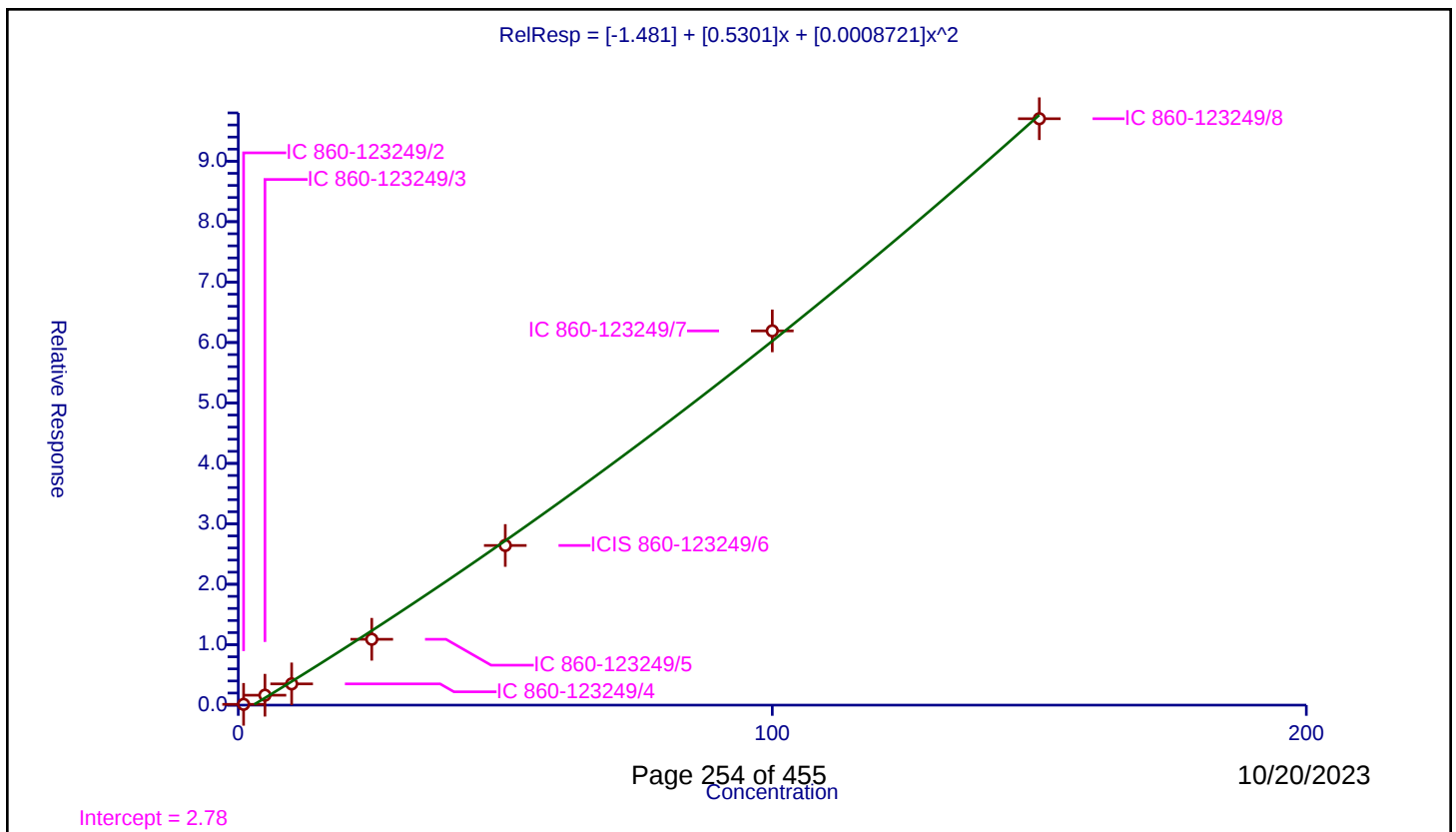
Curve Coefficients

Intercept: -1.481
Slope: 0.5301
Second Order: 0.0008721

Error Coefficients

Standard Error: 686000
Relative Standard Error: 101.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.131858	50.0	467547.0	0.131858	Y
2	IC 860-123249/3	5.0	1.640871	50.0	495377.0	0.328174	Y
3	IC 860-123249/4	10.0	3.514494	50.0	507413.0	0.351449	Y
4	IC 860-123249/5	25.0	10.897063	50.0	539182.0	0.435883	Y
5	ICIS 860-123249/6	50.0	26.420739	50.0	549362.0	0.528415	Y
6	IC 860-123249/7	100.0	61.929056	50.0	571948.0	0.619291	Y
7	IC 860-123249/8	150.0	97.032709	50.0	583074.0	0.646885	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

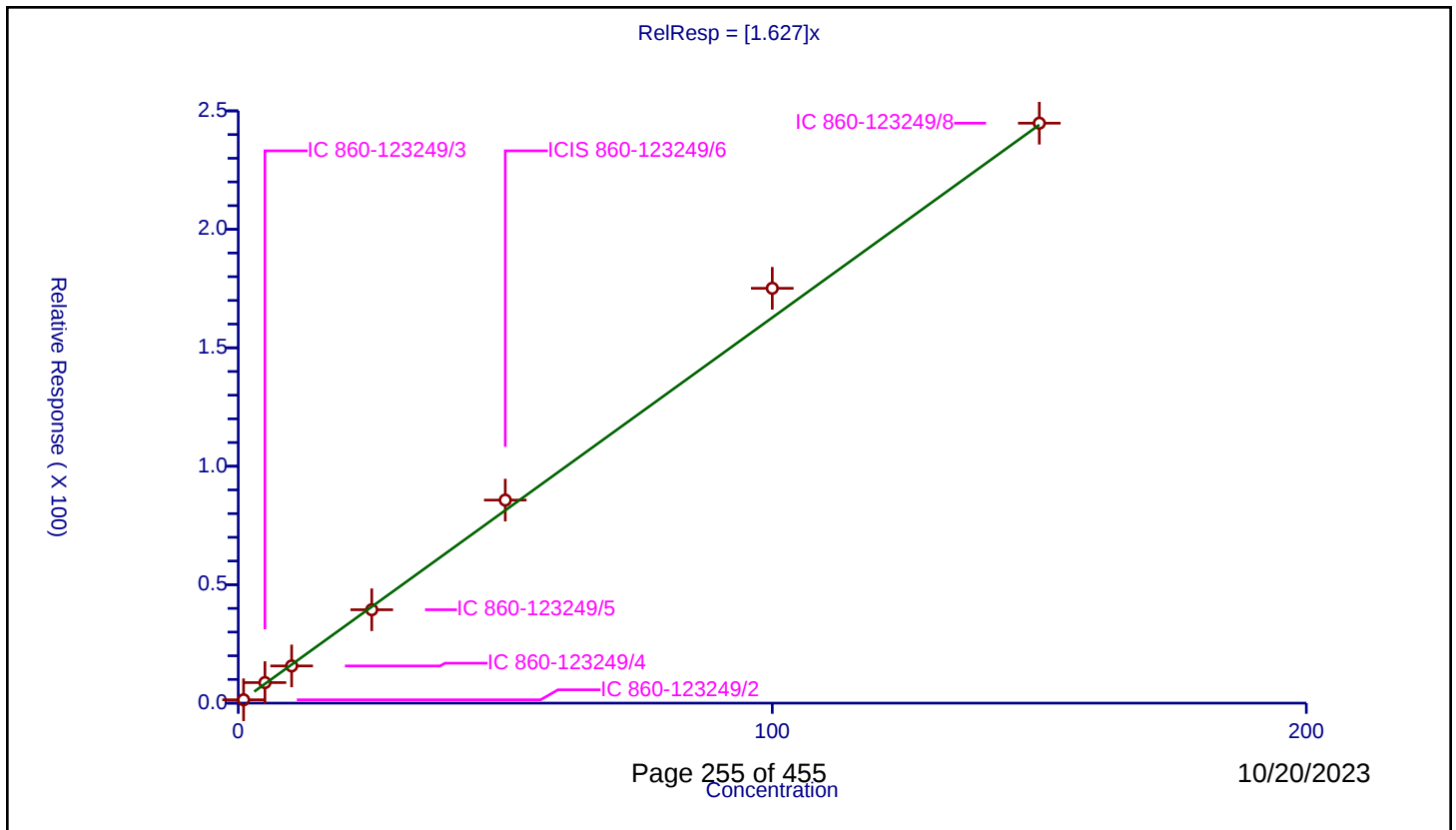
Curve Coefficients

Intercept: 0
Slope: 1.627

Error Coefficients

Standard Error: 1490000
Relative Standard Error: 7.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.414189	50.0	467547.0	1.414189	Y
2	IC 860-123249/3	5.0	8.670164	50.0	495377.0	1.734033	Y
3	IC 860-123249/4	10.0	15.697962	50.0	507413.0	1.569796	Y
4	IC 860-123249/5	25.0	39.417488	50.0	539182.0	1.5767	Y
5	ICIS 860-123249/6	50.0	85.706601	50.0	549362.0	1.714132	Y
6	IC 860-123249/7	100.0	175.114084	50.0	571948.0	1.751141	Y
7	IC 860-123249/8	150.0	244.807006	50.0	583074.0	1.632047	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

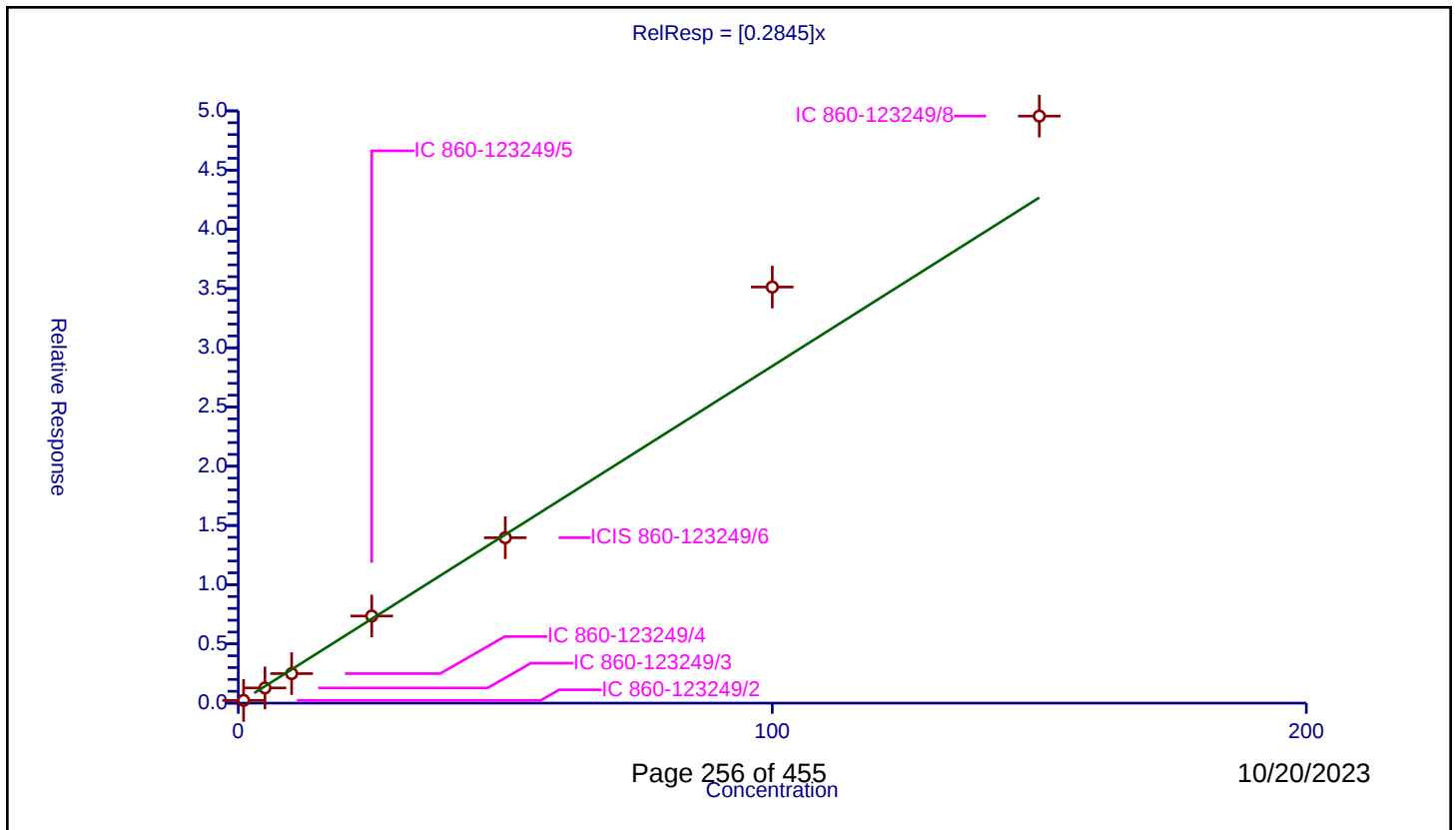
Curve Coefficients

Intercept: 0
Slope: 0.2845

Error Coefficients

Standard Error: 296000
Relative Standard Error: 15.4
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.230886	50.0	467547.0	0.230886	Y
2	IC 860-123249/3	5.0	1.282559	50.0	495377.0	0.256512	Y
3	IC 860-123249/4	10.0	2.493038	50.0	507413.0	0.249304	Y
4	IC 860-123249/5	25.0	7.353083	50.0	539182.0	0.294123	Y
5	ICIS 860-123249/6	50.0	13.965473	50.0	549362.0	0.279309	Y
6	IC 860-123249/7	100.0	35.127844	50.0	571948.0	0.351278	Y
7	IC 860-123249/8	150.0	49.559318	50.0	583074.0	0.330395	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

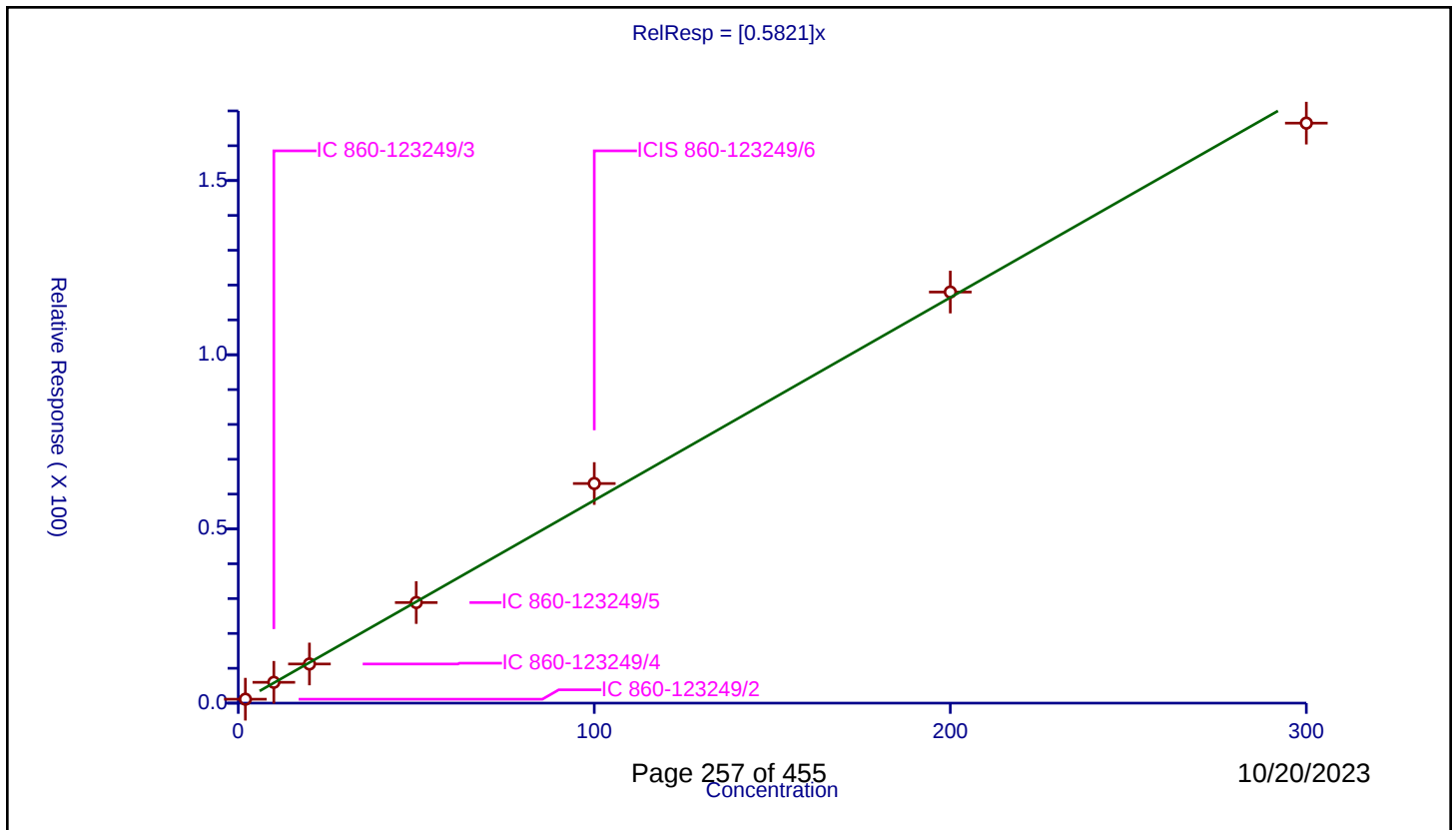
Curve Coefficients

Intercept: 0
Slope: 0.5821

Error Coefficients

Standard Error: 1020000
Relative Standard Error: 4.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	2.0	1.126411	50.0	467547.0	0.563205	Y
2	IC 860-123249/3	10.0	5.970806	50.0	495377.0	0.597081	Y
3	IC 860-123249/4	20.0	11.235818	50.0	507413.0	0.561791	Y
4	IC 860-123249/5	50.0	28.8704	50.0	539182.0	0.577408	Y
5	ICIS 860-123249/6	100.0	63.038306	50.0	549362.0	0.630383	Y
6	IC 860-123249/7	200.0	118.000325	50.0	571948.0	0.590002	Y
7	IC 860-123249/8	300.0	166.491303	50.0	583074.0	0.554971	Y



Calibration

/ Acetonitrile

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

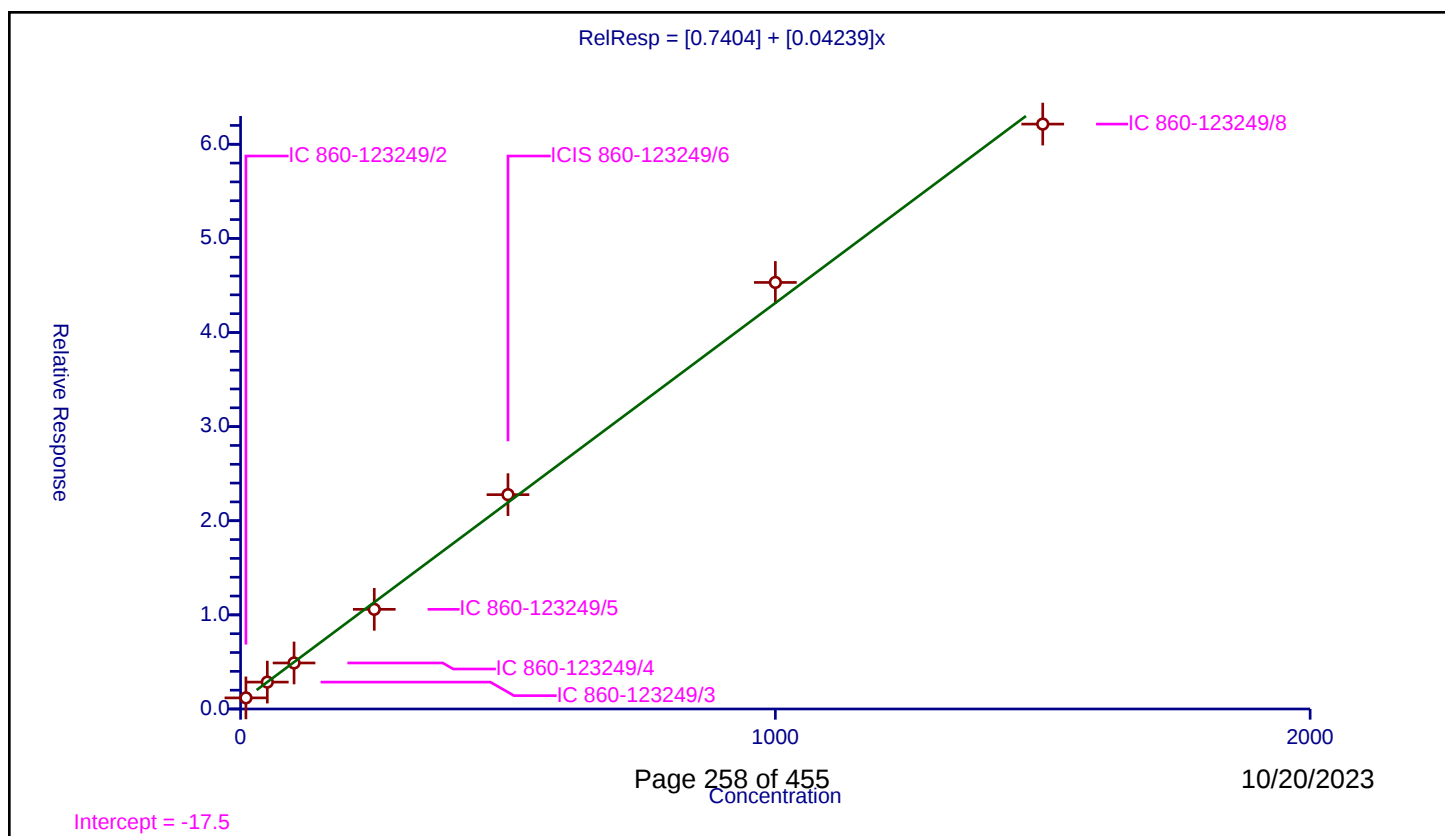
Curve Coefficients

Intercept: 0.7404
Slope: 0.04239

Error Coefficients

Standard Error: 418000
Relative Standard Error: 5.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	10.0	1.180416	50.0	467547.0	0.118042	Y
2	IC 860-123249/3	50.0	2.856007	50.0	495377.0	0.05712	Y
3	IC 860-123249/4	100.0	4.88734	50.0	507413.0	0.048873	Y
4	IC 860-123249/5	250.0	10.587705	50.0	539182.0	0.042351	Y
5	ICIS 860-123249/6	500.0	22.772598	50.0	549362.0	0.045545	Y
6	IC 860-123249/7	1000.0	45.31898	50.0	571948.0	0.045319	Y
7	IC 860-123249/8	1500.0	62.142027	50.0	583074.0	0.041428	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

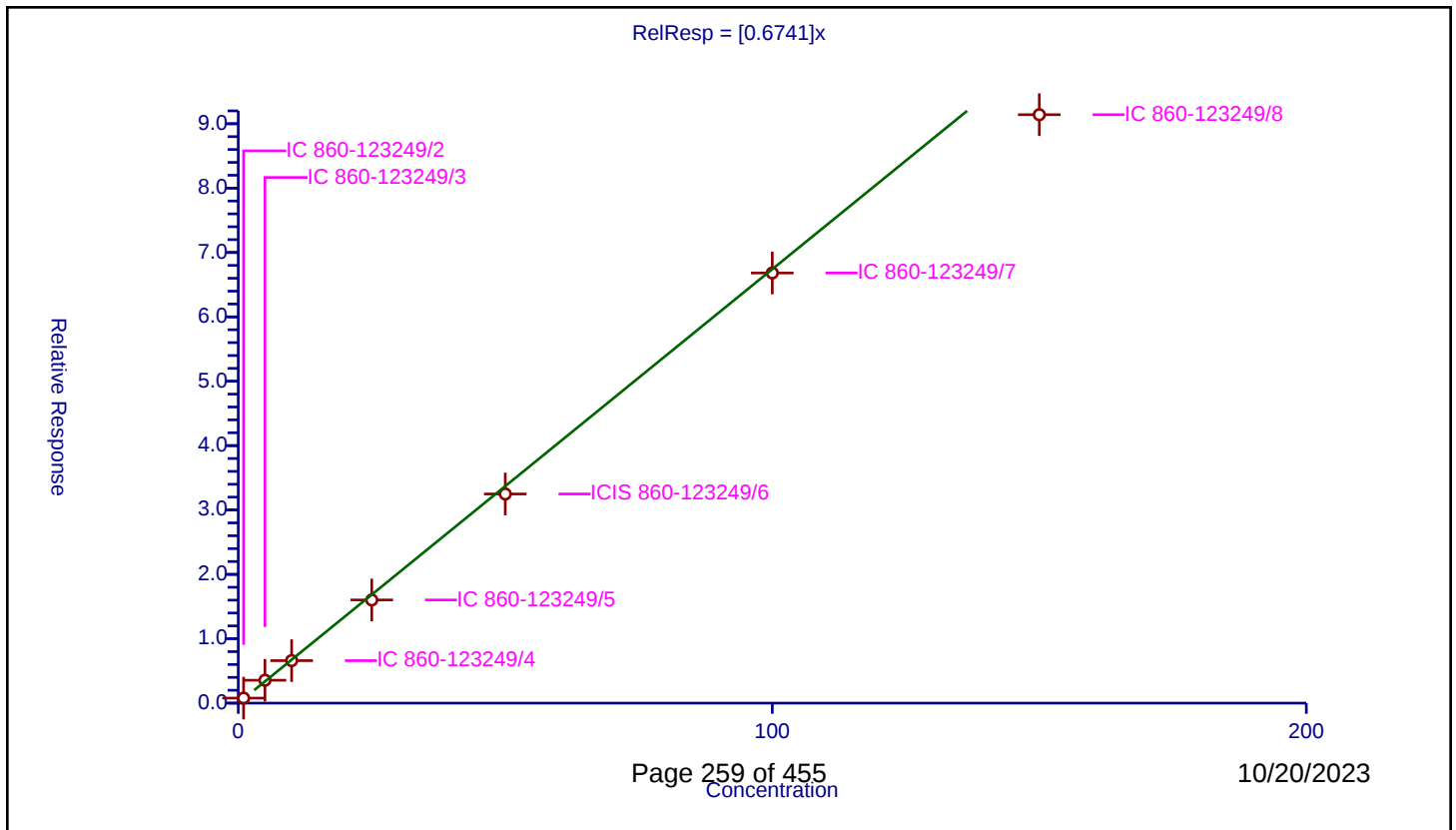
Curve Coefficients

Intercept: 0
Slope: 0.6741

Error Coefficients

Standard Error: 560000
Relative Standard Error: 8.2
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.778531	50.0	467547.0	0.778531	Y
2	IC 860-123249/3	5.0	3.55618	50.0	495377.0	0.711236	Y
3	IC 860-123249/4	10.0	6.602807	50.0	507413.0	0.660281	Y
4	IC 860-123249/5	25.0	16.027705	50.0	539182.0	0.641108	Y
5	ICIS 860-123249/6	50.0	32.487504	50.0	549362.0	0.64975	Y
6	IC 860-123249/7	100.0	66.821459	50.0	571948.0	0.668215	Y
7	IC 860-123249/8	150.0	91.407008	50.0	583074.0	0.60938	Y



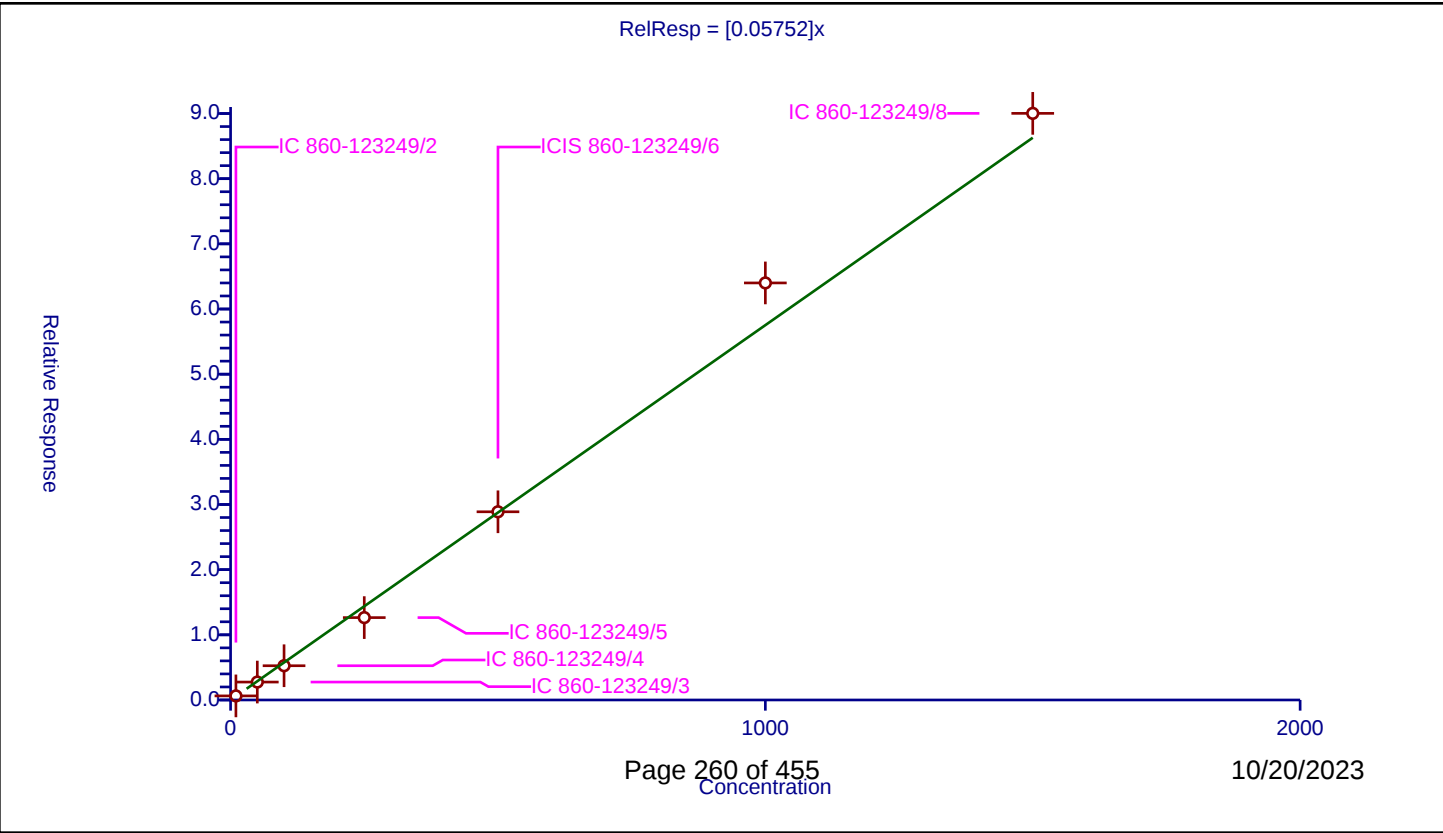
Calibration

/ 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:	0.05752
Error Coefficients	
Standard Error:	542000
Relative Standard Error:	8.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	10.0	0.626889	50.0	467547.0	0.062689	Y
2	IC 860-123249/3	50.0	2.752853	50.0	495377.0	0.055057	Y
3	IC 860-123249/4	100.0	5.25696	50.0	507413.0	0.05257	Y
4	IC 860-123249/5	250.0	12.642021	50.0	539182.0	0.050568	Y
5	ICIS 860-123249/6	500.0	28.883323	50.0	549362.0	0.057767	Y
6	IC 860-123249/7	1000.0	64.000923	50.0	571948.0	0.064001	Y
7	IC 860-123249/8	1500.0	90.025794	50.0	583074.0	0.060017	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

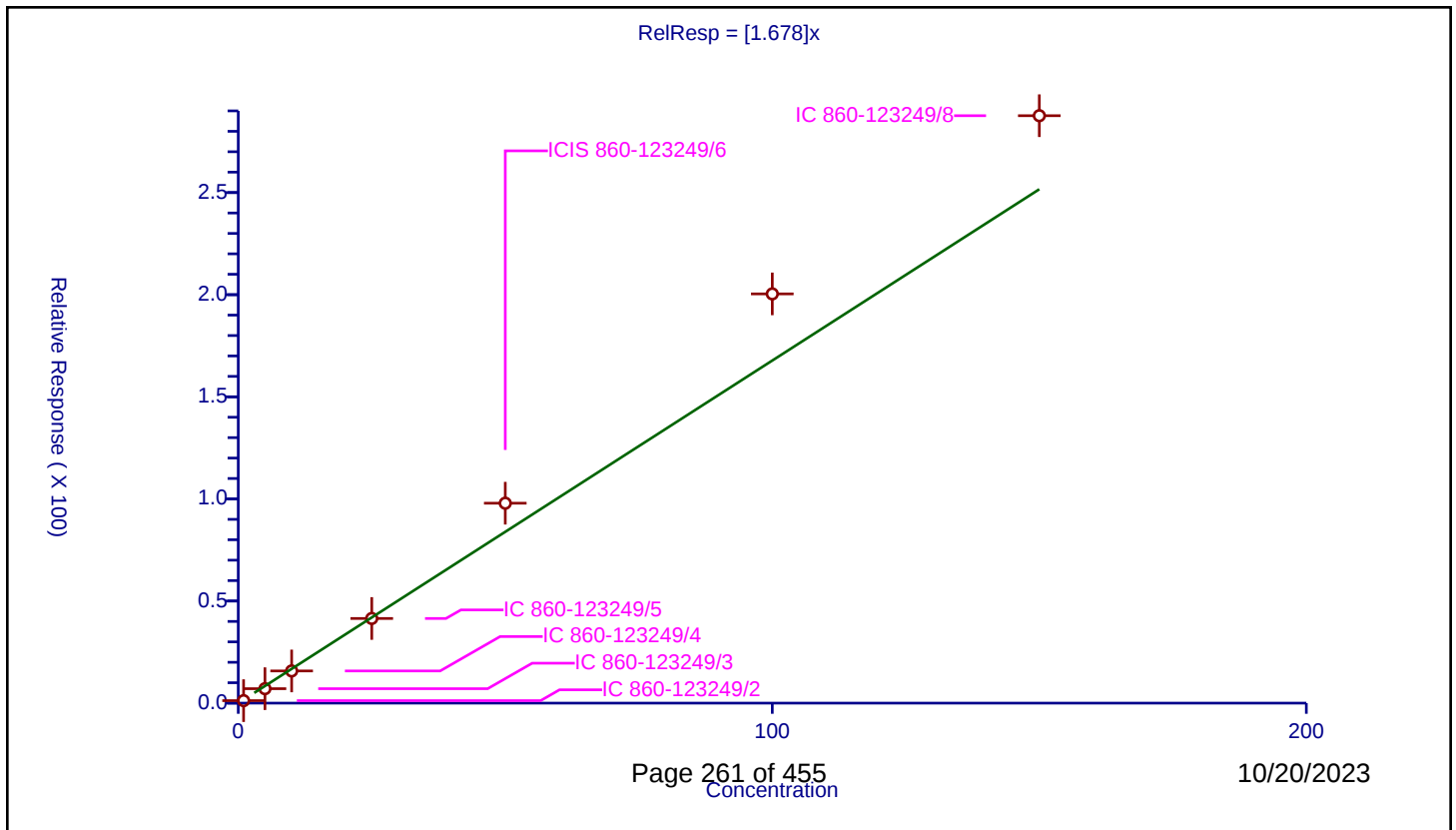
Curve Coefficients

Intercept: 0
Slope: 1.678

Error Coefficients

Standard Error: 1730000
Relative Standard Error: 17.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.21453	50.0	467547.0	1.21453	Y
2	IC 860-123249/3	5.0	7.071281	50.0	495377.0	1.414256	Y
3	IC 860-123249/4	10.0	15.76152	50.0	507413.0	1.576152	Y
4	IC 860-123249/5	25.0	41.456688	50.0	539182.0	1.658268	Y
5	ICIS 860-123249/6	50.0	97.893648	50.0	549362.0	1.957873	Y
6	IC 860-123249/7	100.0	200.385	50.0	571948.0	2.00385	Y
7	IC 860-123249/8	150.0	287.643421	50.0	583074.0	1.917623	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

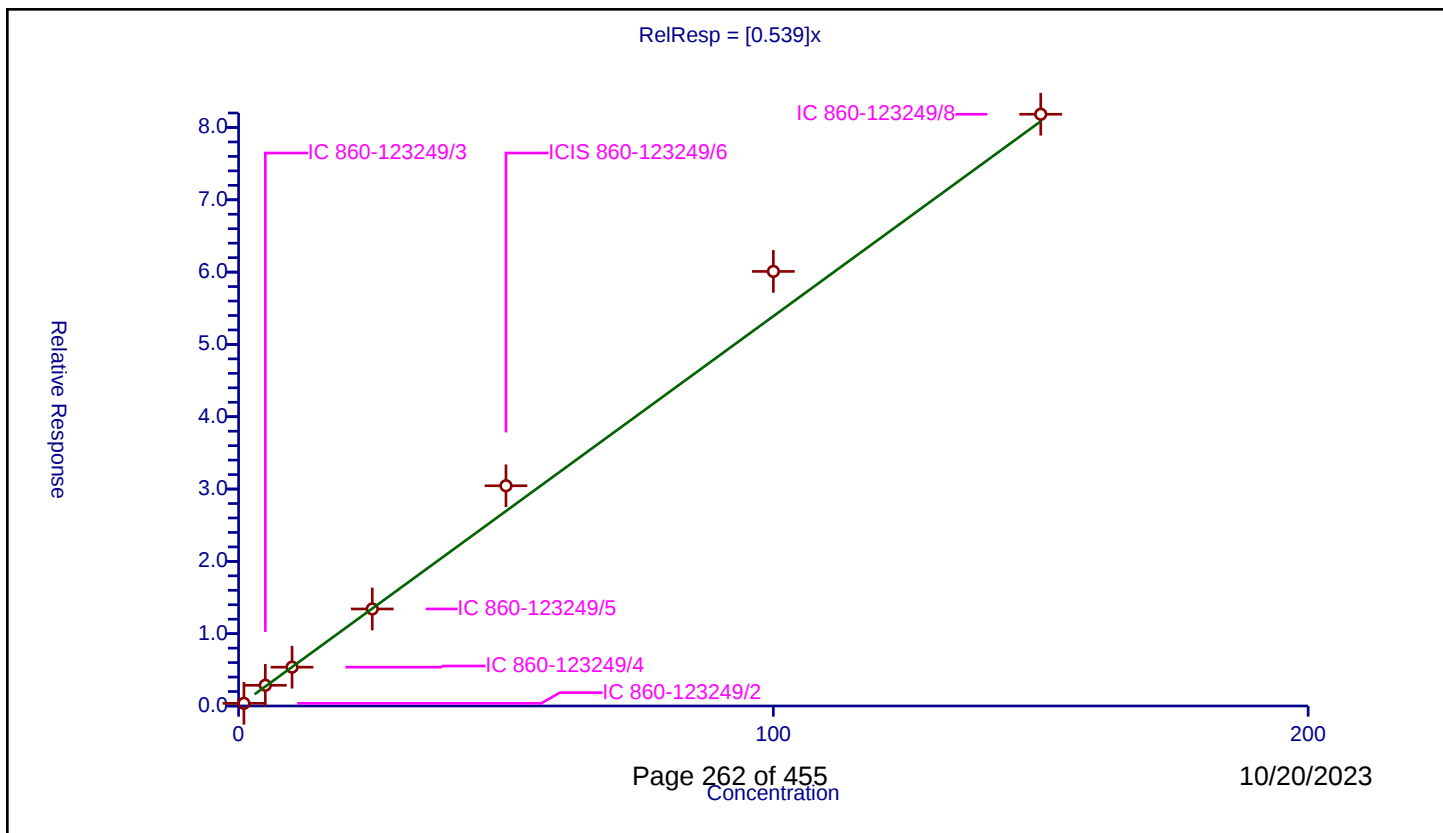
Curve Coefficients

Intercept: 0
Slope: 0.539

Error Coefficients

Standard Error: 503000
Relative Standard Error: 14.7
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.371727	50.0	467547.0	0.371727	Y
2	IC 860-123249/3	5.0	2.86287	50.0	495377.0	0.572574	Y
3	IC 860-123249/4	10.0	5.366634	50.0	507413.0	0.536663	Y
4	IC 860-123249/5	25.0	13.415878	50.0	539182.0	0.536635	Y
5	ICIS 860-123249/6	50.0	30.454964	50.0	549362.0	0.609099	Y
6	IC 860-123249/7	100.0	60.096635	50.0	571948.0	0.600966	Y
7	IC 860-123249/8	150.0	81.831123	50.0	583074.0	0.545541	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

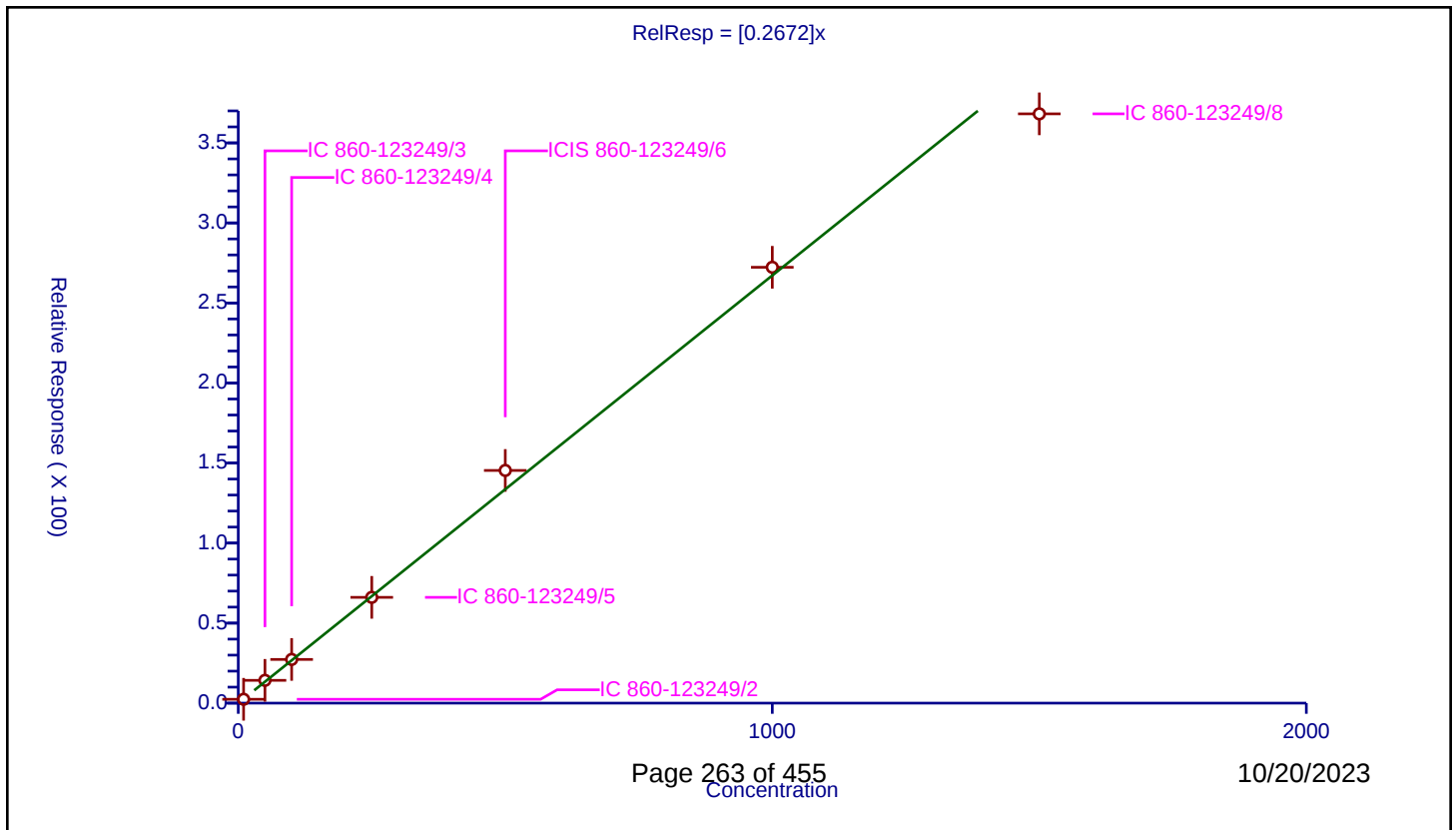
Curve Coefficients

Intercept: 0
Slope: 0.2672

Error Coefficients

Standard Error: 2280000
Relative Standard Error: 7.1
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	10.0	2.398582	50.0	467547.0	0.239858	Y
2	IC 860-123249/3	50.0	14.230172	50.0	495377.0	0.284603	Y
3	IC 860-123249/4	100.0	27.291378	50.0	507413.0	0.272914	Y
4	IC 860-123249/5	250.0	66.087147	50.0	539182.0	0.264349	Y
5	ICIS 860-123249/6	500.0	145.368355	50.0	549362.0	0.290737	Y
6	IC 860-123249/7	1000.0	272.291712	50.0	571948.0	0.272292	Y
7	IC 860-123249/8	1500.0	368.15773	50.0	583074.0	0.245438	Y



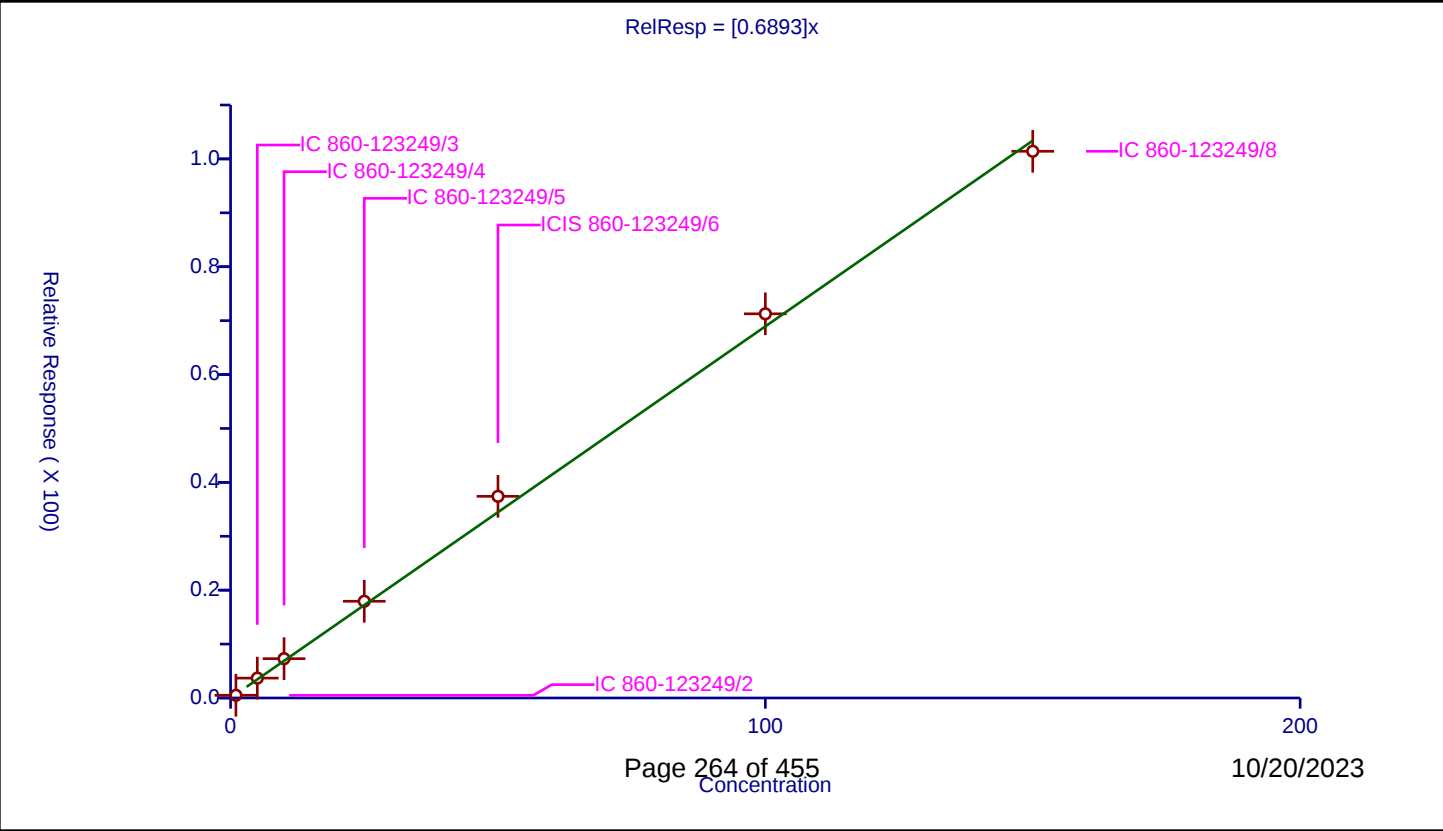
Calibration

/ 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:	0.6893
Error Coefficients	
Standard Error:	616000
Relative Standard Error:	12.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.503479	50.0	467547.0	0.503479	Y
2	IC 860-123249/3	5.0	3.687898	50.0	495377.0	0.73758	Y
3	IC 860-123249/4	10.0	7.293566	50.0	507413.0	0.729357	Y
4	IC 860-123249/5	25.0	17.945796	50.0	539182.0	0.717832	Y
5	ICIS 860-123249/6	50.0	37.409304	50.0	549362.0	0.748186	Y
6	IC 860-123249/7	100.0	71.268629	50.0	571948.0	0.712686	Y
7	IC 860-123249/8	150.0	101.419374	50.0	583074.0	0.676129	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

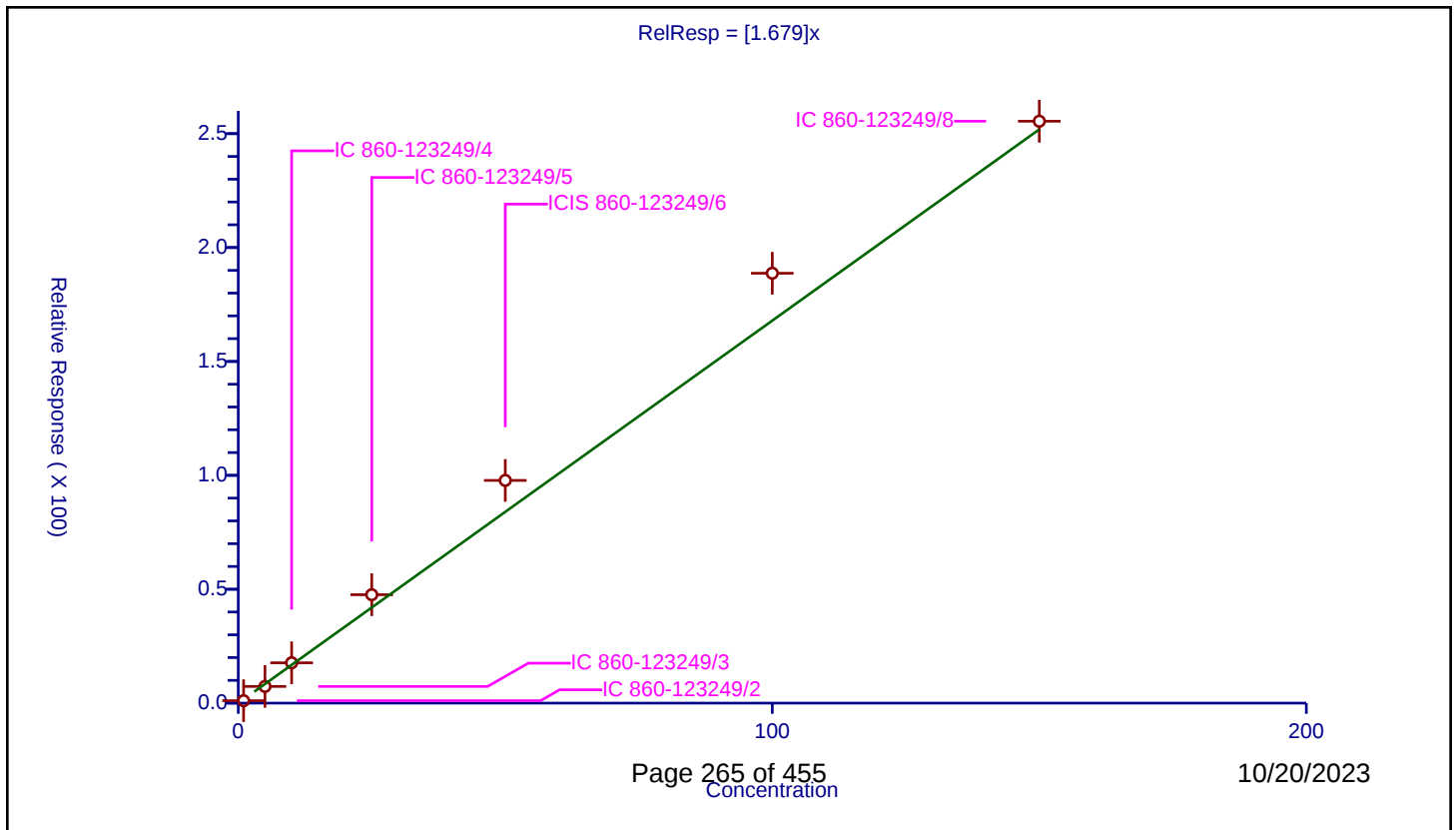
Curve Coefficients

Intercept: 0
Slope: 1.679

Error Coefficients

Standard Error: 1580000
Relative Standard Error: 18.8
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.069518	50.0	467547.0	1.069518	Y
2	IC 860-123249/3	5.0	7.323109	50.0	495377.0	1.464622	Y
3	IC 860-123249/4	10.0	17.705006	50.0	507413.0	1.770501	Y
4	IC 860-123249/5	25.0	47.597101	50.0	539182.0	1.903884	Y
5	ICIS 860-123249/6	50.0	97.777149	50.0	549362.0	1.955543	Y
6	IC 860-123249/7	100.0	188.717331	50.0	571948.0	1.887173	Y
7	IC 860-123249/8	150.0	255.468002	50.0	583074.0	1.70312	Y



Calibration

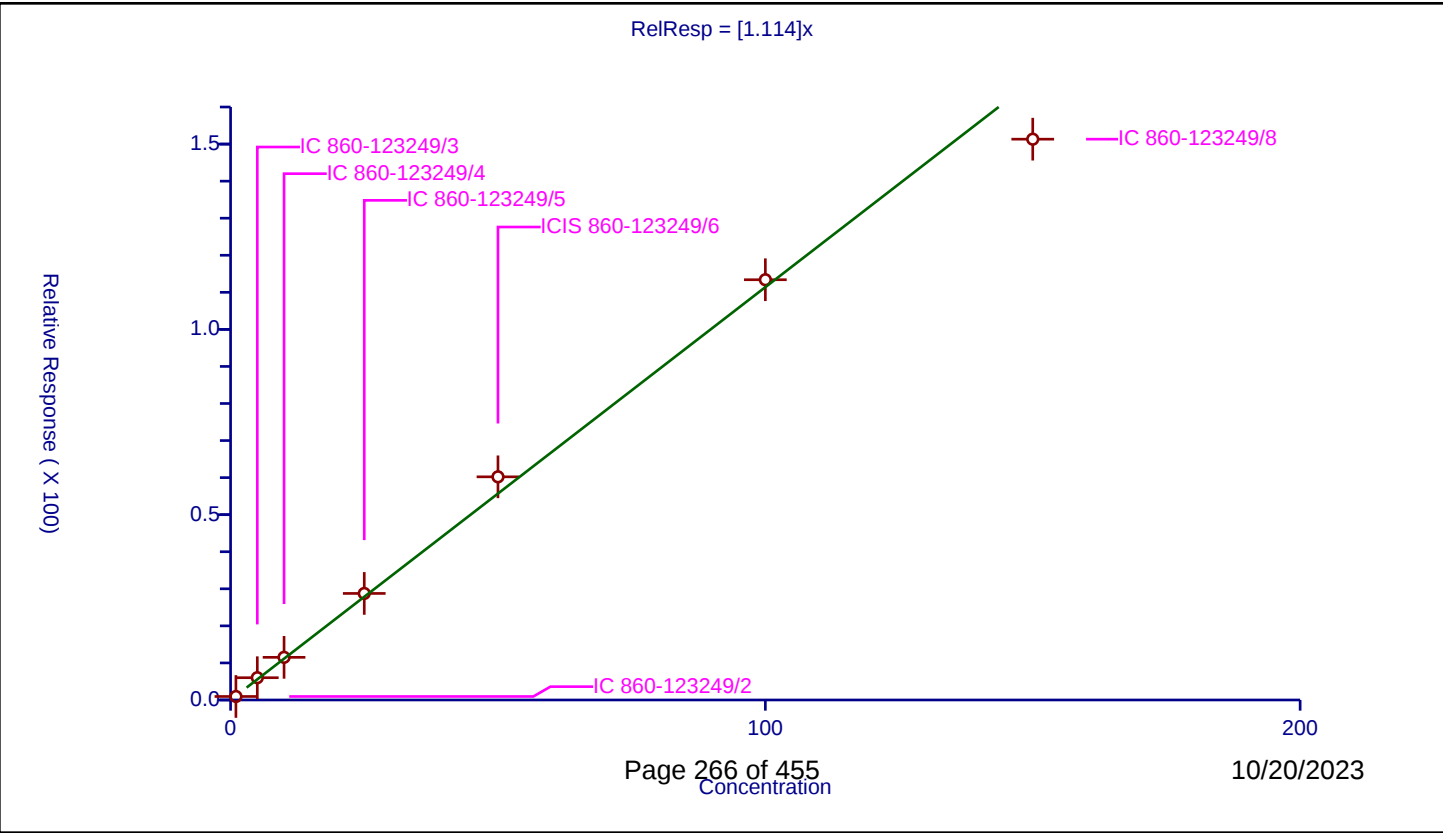
/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.114

Error Coefficients	
Standard Error:	944000
Relative Standard Error:	8.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.946857	50.0	467547.0	0.946857	Y
2	IC 860-123249/3	5.0	6.011785	50.0	495377.0	1.202357	Y
3	IC 860-123249/4	10.0	11.512515	50.0	507413.0	1.151252	Y
4	IC 860-123249/5	25.0	28.748085	50.0	539182.0	1.149923	Y
5	ICIS 860-123249/6	50.0	60.216487	50.0	549362.0	1.20433	Y
6	IC 860-123249/7	100.0	113.394137	50.0	571948.0	1.133941	Y
7	IC 860-123249/8	150.0	151.319044	50.0	583074.0	1.008794	Y



Calibration

/ Vinyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

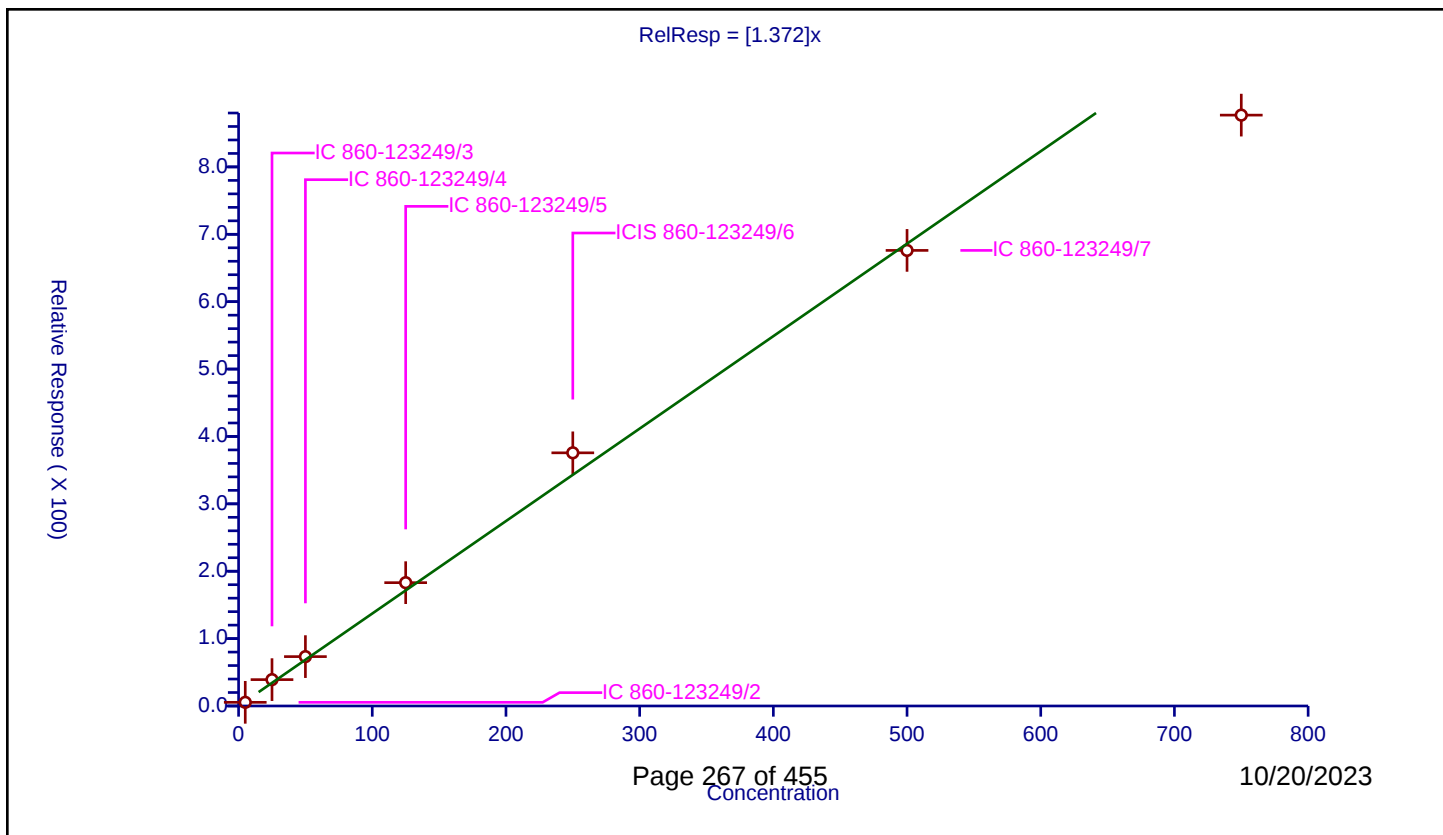
Curve Coefficients

Intercept: 0
Slope: 1.372

Error Coefficients

Standard Error: 5570000
Relative Standard Error: 13.1
Correlation Coefficient: 0.992
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	5.0	5.430042	50.0	467547.0	1.086008	Y
2	IC 860-123249/3	25.0	39.127876	50.0	495377.0	1.565115	Y
3	IC 860-123249/4	50.0	73.252755	50.0	507413.0	1.465055	Y
4	IC 860-123249/5	125.0	183.027809	50.0	539182.0	1.464222	Y
5	ICIS 860-123249/6	250.0	375.717287	50.0	549362.0	1.502869	Y
6	IC 860-123249/7	500.0	676.098089	50.0	571948.0	1.352196	Y
7	IC 860-123249/8	750.0	876.872747	50.0	583074.0	1.169164	Y



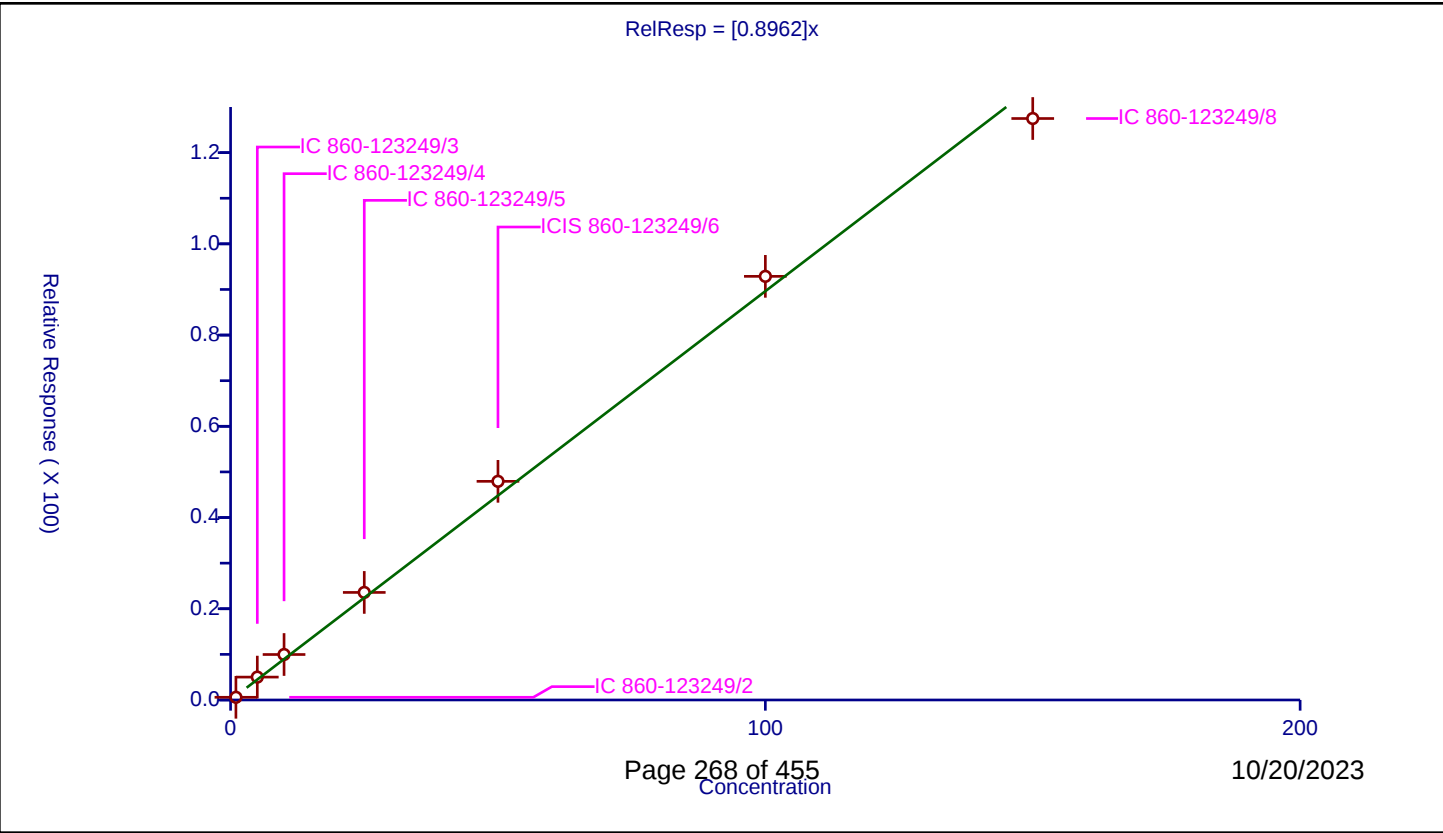
Calibration

/ 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:	0.8962
Error Coefficients	
Standard Error:	785000
Relative Standard Error:	16.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.591491	50.0	467547.0	0.591491	Y
2	IC 860-123249/3	5.0	5.021125	50.0	495377.0	1.004225	Y
3	IC 860-123249/4	10.0	9.971463	50.0	507413.0	0.997146	Y
4	IC 860-123249/5	25.0	23.579329	50.0	539182.0	0.943173	Y
5	ICIS 860-123249/6	50.0	47.939064	50.0	549362.0	0.958781	Y
6	IC 860-123249/7	100.0	92.878636	50.0	571948.0	0.928786	Y
7	IC 860-123249/8	150.0	127.482789	50.0	583074.0	0.849885	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

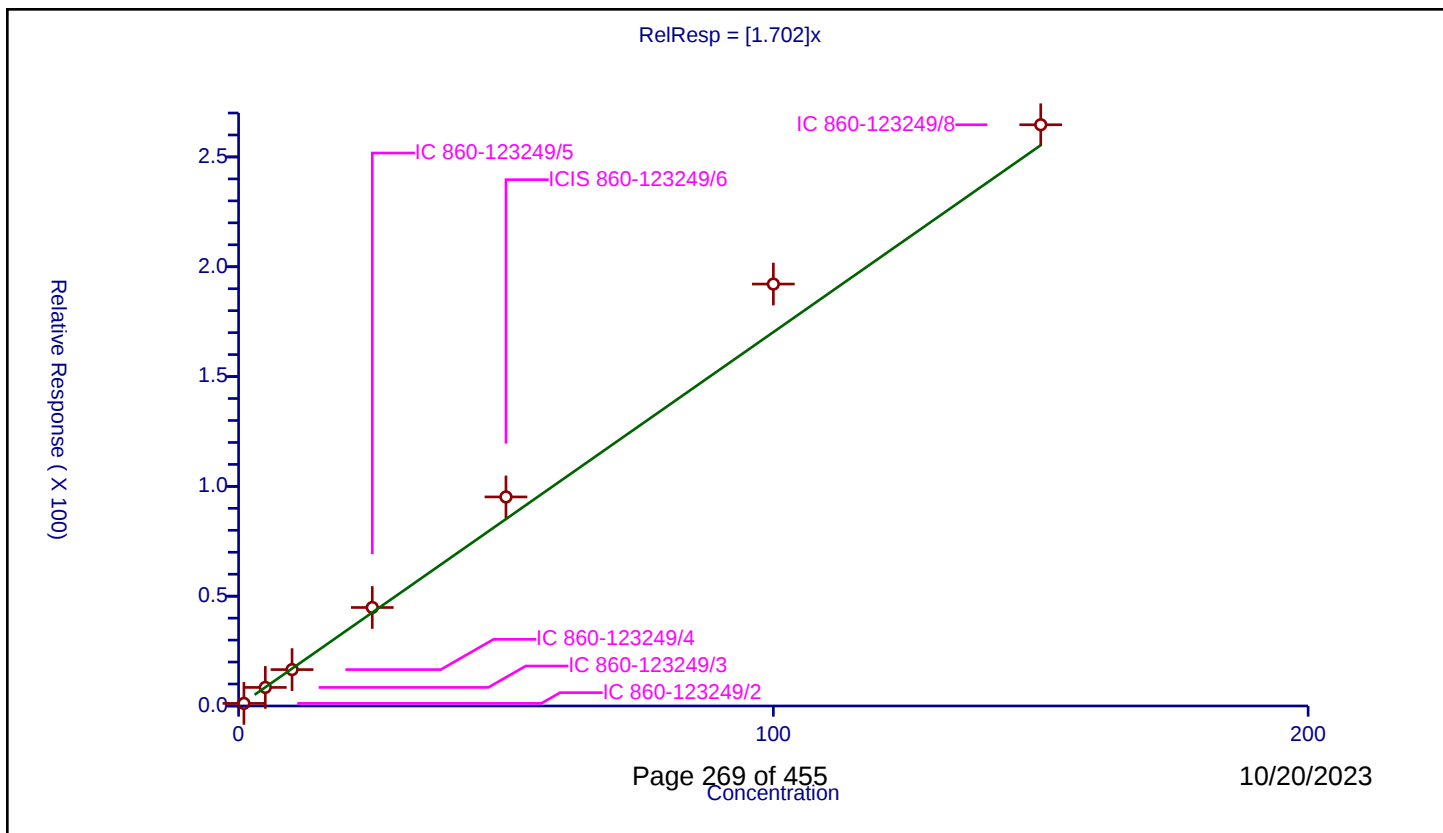
Curve Coefficients

Intercept: 0
Slope: 1.702

Error Coefficients

Standard Error: 1620000
Relative Standard Error: 14.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.18587	50.0	467547.0	1.18587	Y
2	IC 860-123249/3	5.0	8.452754	50.0	495377.0	1.690551	Y
3	IC 860-123249/4	10.0	16.564219	50.0	507413.0	1.656422	Y
4	IC 860-123249/5	25.0	44.845803	50.0	539182.0	1.793832	Y
5	ICIS 860-123249/6	50.0	95.188237	50.0	549362.0	1.903765	Y
6	IC 860-123249/7	100.0	192.118602	50.0	571948.0	1.921186	Y
7	IC 860-123249/8	150.0	264.656287	50.0	583074.0	1.764375	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

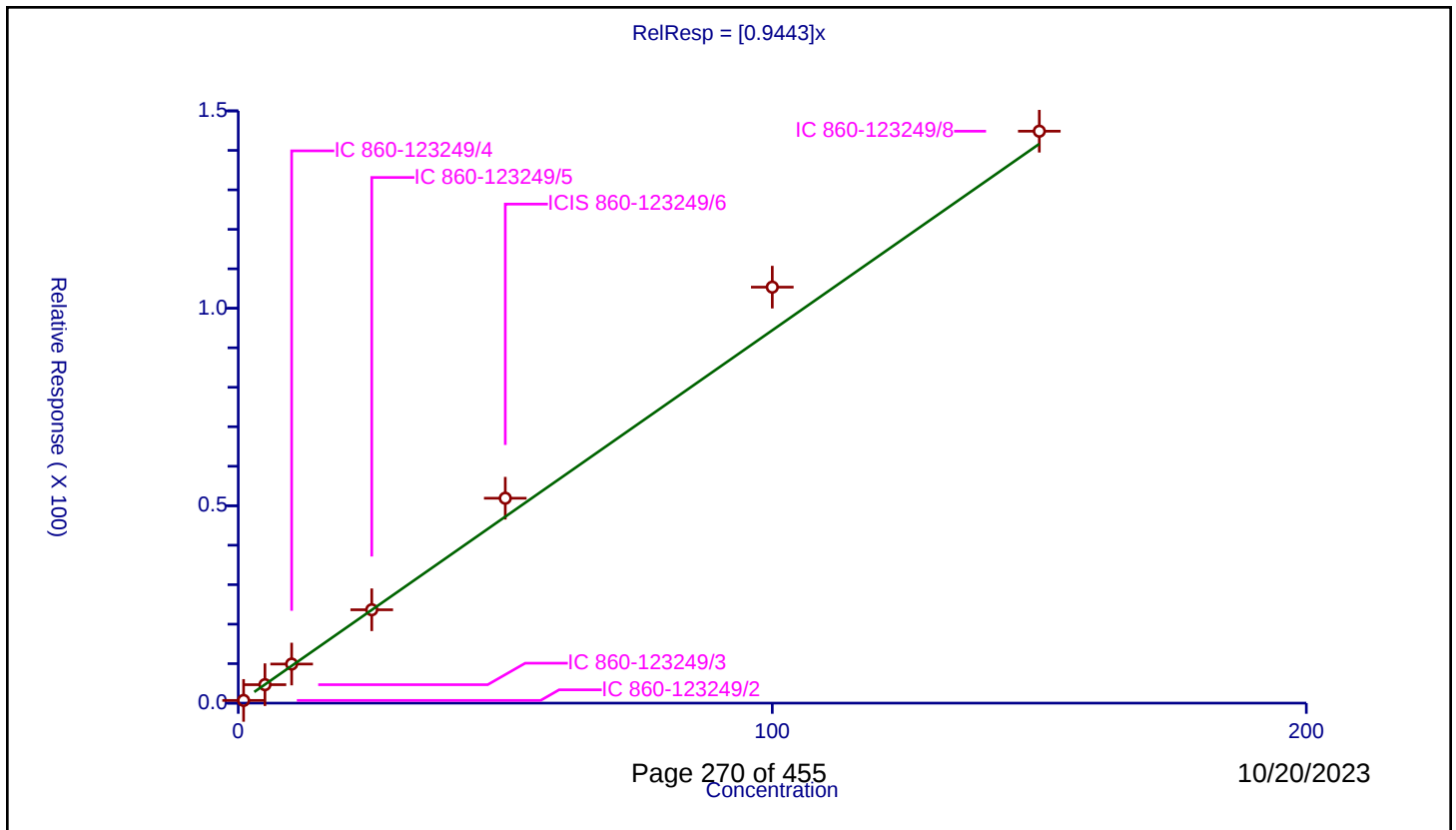
Curve Coefficients

Intercept: 0
Slope: 0.9443

Error Coefficients

Standard Error: 886000
Relative Standard Error: 13.1
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.682391	50.0	467547.0	0.682391	Y
2	IC 860-123249/3	5.0	4.671694	50.0	495377.0	0.934339	Y
3	IC 860-123249/4	10.0	9.900022	50.0	507413.0	0.990002	Y
4	IC 860-123249/5	25.0	23.649621	50.0	539182.0	0.945985	Y
5	ICIS 860-123249/6	50.0	51.896564	50.0	549362.0	1.037931	Y
6	IC 860-123249/7	100.0	105.359141	50.0	571948.0	1.053591	Y
7	IC 860-123249/8	150.0	144.856142	50.0	583074.0	0.965708	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

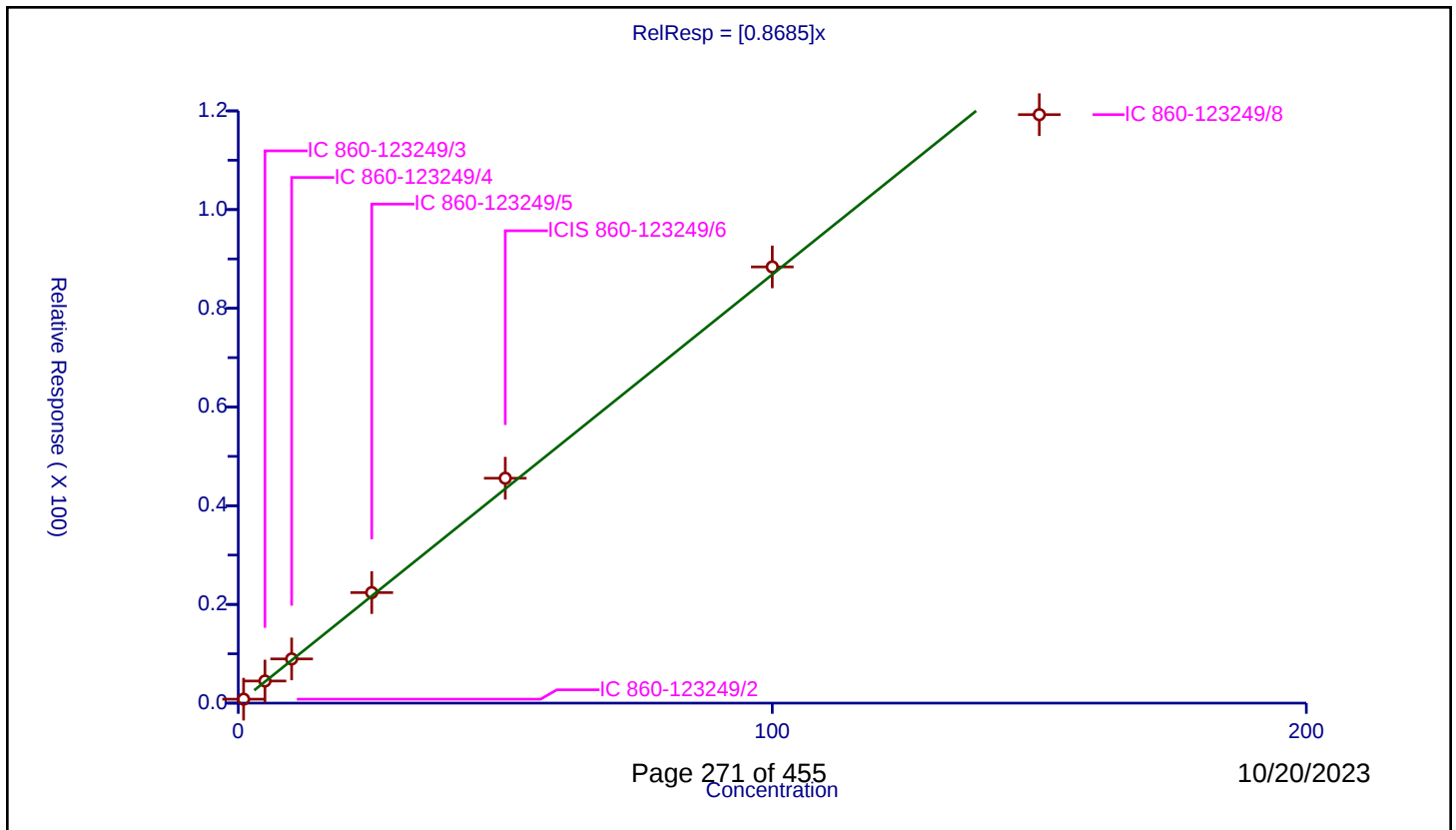
Curve Coefficients

Intercept: 0
Slope: 0.8685

Error Coefficients

Standard Error: 739000
Relative Standard Error: 5.6
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.801203	50.0	467547.0	0.801203	Y
2	IC 860-123249/3	5.0	4.482546	50.0	495377.0	0.896509	Y
3	IC 860-123249/4	10.0	8.953752	50.0	507413.0	0.895375	Y
4	IC 860-123249/5	25.0	22.398188	50.0	539182.0	0.895928	Y
5	ICIS 860-123249/6	50.0	45.570134	50.0	549362.0	0.911403	Y
6	IC 860-123249/7	100.0	88.385395	50.0	571948.0	0.883854	Y
7	IC 860-123249/8	150.0	119.238982	50.0	583074.0	0.794927	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

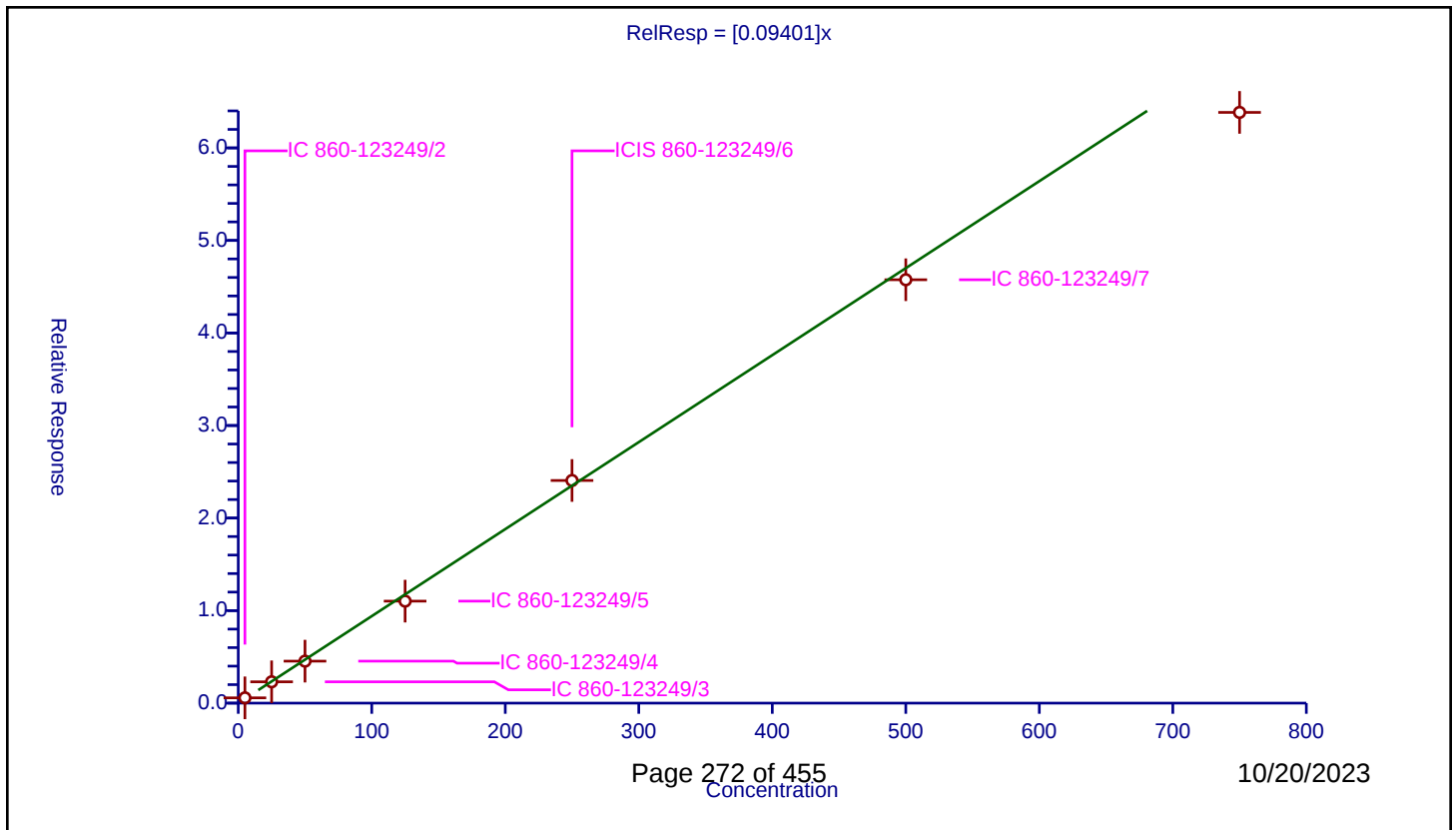
Curve Coefficients

Intercept: 0
Slope: 0.09401

Error Coefficients

Standard Error: 390000
Relative Standard Error: 10.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	5.0	0.570638	50.0	467547.0	0.114128	Y
2	IC 860-123249/3	25.0	2.304407	50.0	495377.0	0.092176	Y
3	IC 860-123249/4	50.0	4.536147	50.0	507413.0	0.090723	Y
4	IC 860-123249/5	125.0	11.021603	50.0	539182.0	0.088173	Y
5	ICIS 860-123249/6	250.0	24.059454	50.0	549362.0	0.096238	Y
6	IC 860-123249/7	500.0	45.75381	50.0	571948.0	0.091508	Y
7	IC 860-123249/8	750.0	63.83718	50.0	583074.0	0.085116	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

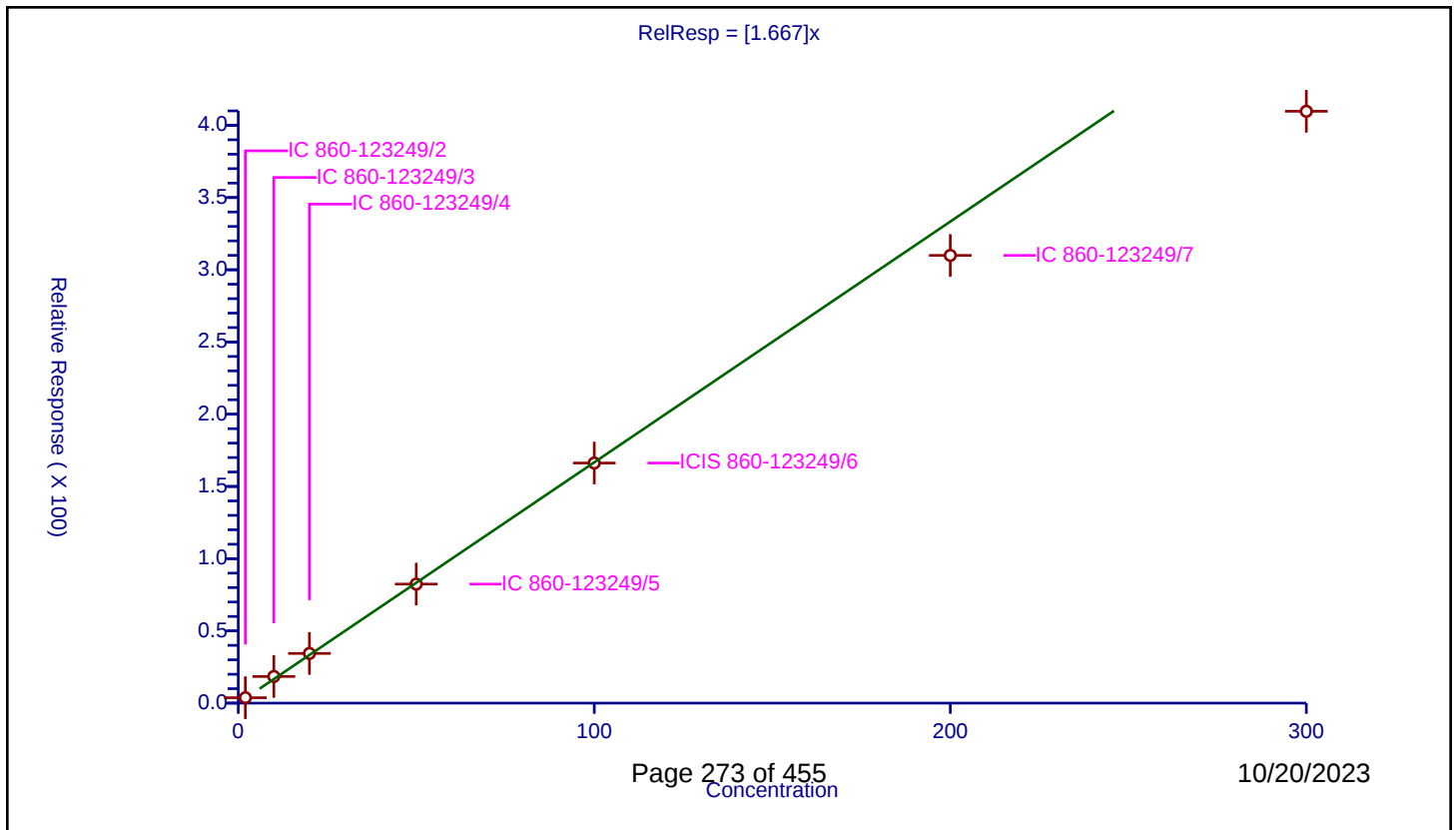
Curve Coefficients

Intercept: 0
Slope: 1.667

Error Coefficients

Standard Error: 2570000
Relative Standard Error: 10.5
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	2.0	3.750318	50.0	467547.0	1.875159	Y
2	IC 860-123249/3	10.0	18.453218	50.0	495377.0	1.845322	Y
3	IC 860-123249/4	20.0	34.423537	50.0	507413.0	1.721177	Y
4	IC 860-123249/5	50.0	82.418274	50.0	539182.0	1.648365	Y
5	ICIS 860-123249/6	100.0	166.214536	50.0	549362.0	1.662145	Y
6	IC 860-123249/7	200.0	309.953527	50.0	571948.0	1.549768	Y
7	IC 860-123249/8	300.0	409.719864	50.0	583074.0	1.365733	Y



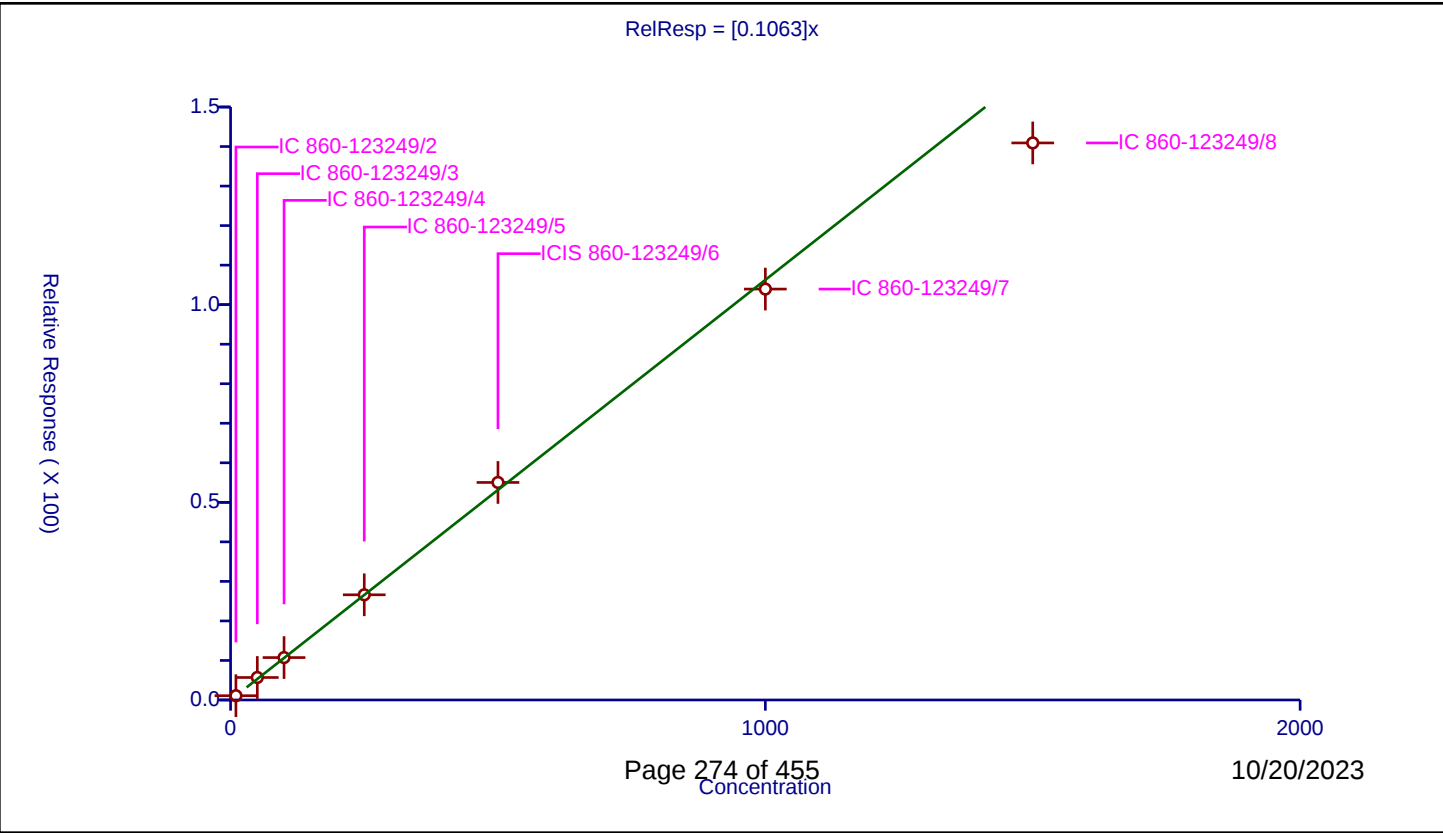
Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1063
Error Coefficients	
Standard Error:	873000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	10.0	1.085345	50.0	467547.0	0.108535	Y
2	IC 860-123249/3	50.0	5.686982	50.0	495377.0	0.11374	Y
3	IC 860-123249/4	100.0	10.727061	50.0	507413.0	0.107271	Y
4	IC 860-123249/5	250.0	26.610959	50.0	539182.0	0.106444	Y
5	ICIS 860-123249/6	500.0	55.028651	50.0	549362.0	0.110057	Y
6	IC 860-123249/7	1000.0	103.949397	50.0	571948.0	0.103949	Y
7	IC 860-123249/8	1500.0	140.911359	50.0	583074.0	0.093941	Y



Calibration

I Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

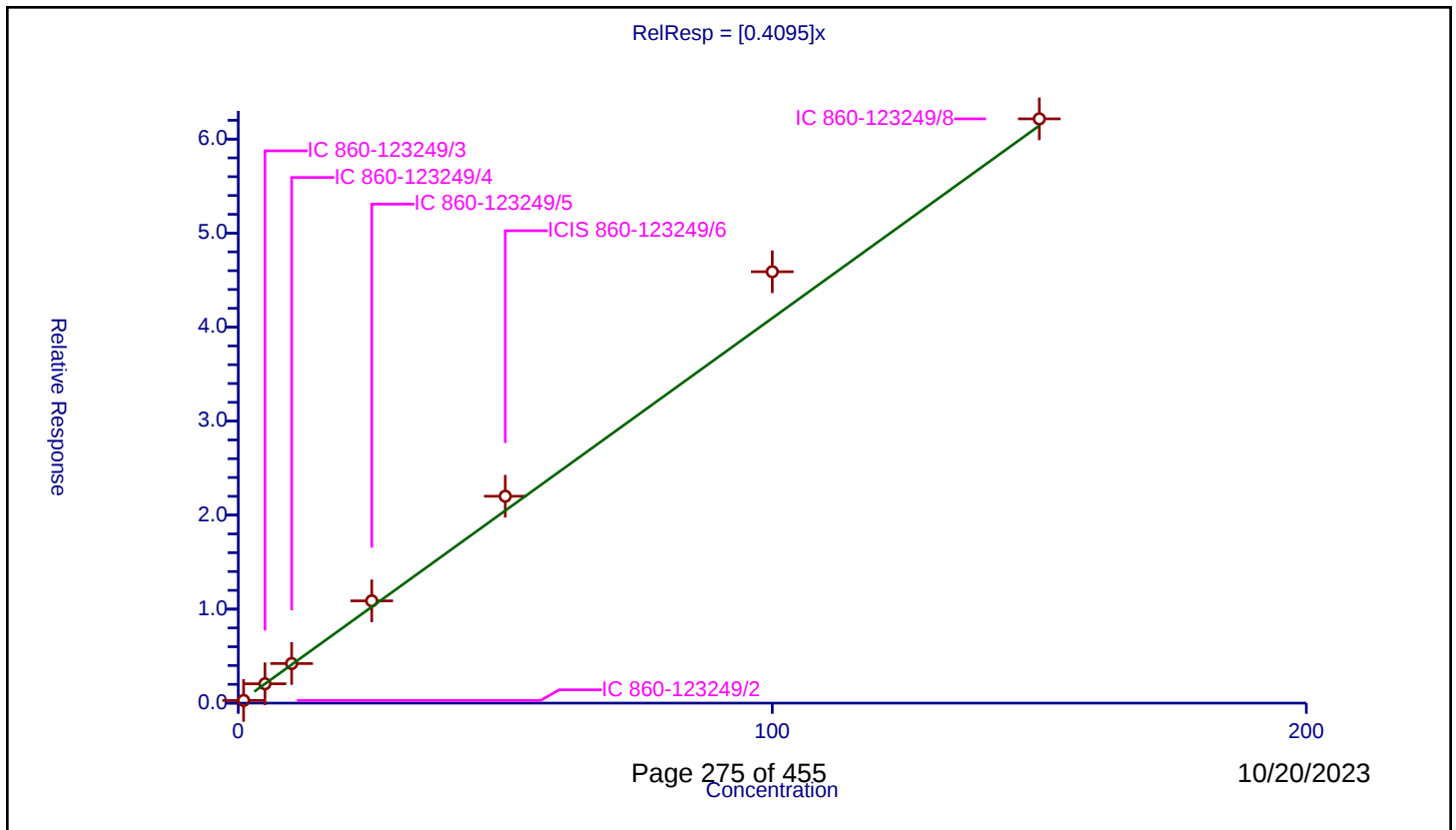
Curve Coefficients

Intercept: 0
Slope: 0.4095

Error Coefficients

Standard Error: 382000
Relative Standard Error: 14.0
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.285319	50.0	467547.0	0.285319	Y
2	IC 860-123249/3	5.0	2.059038	50.0	495377.0	0.411808	Y
3	IC 860-123249/4	10.0	4.211658	50.0	507413.0	0.421166	Y
4	IC 860-123249/5	25.0	10.87694	50.0	539182.0	0.435078	Y
5	ICIS 860-123249/6	50.0	22.00853	50.0	549362.0	0.440171	Y
6	IC 860-123249/7	100.0	45.889486	50.0	571948.0	0.458895	Y
7	IC 860-123249/8	150.0	62.151974	50.0	583074.0	0.414346	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

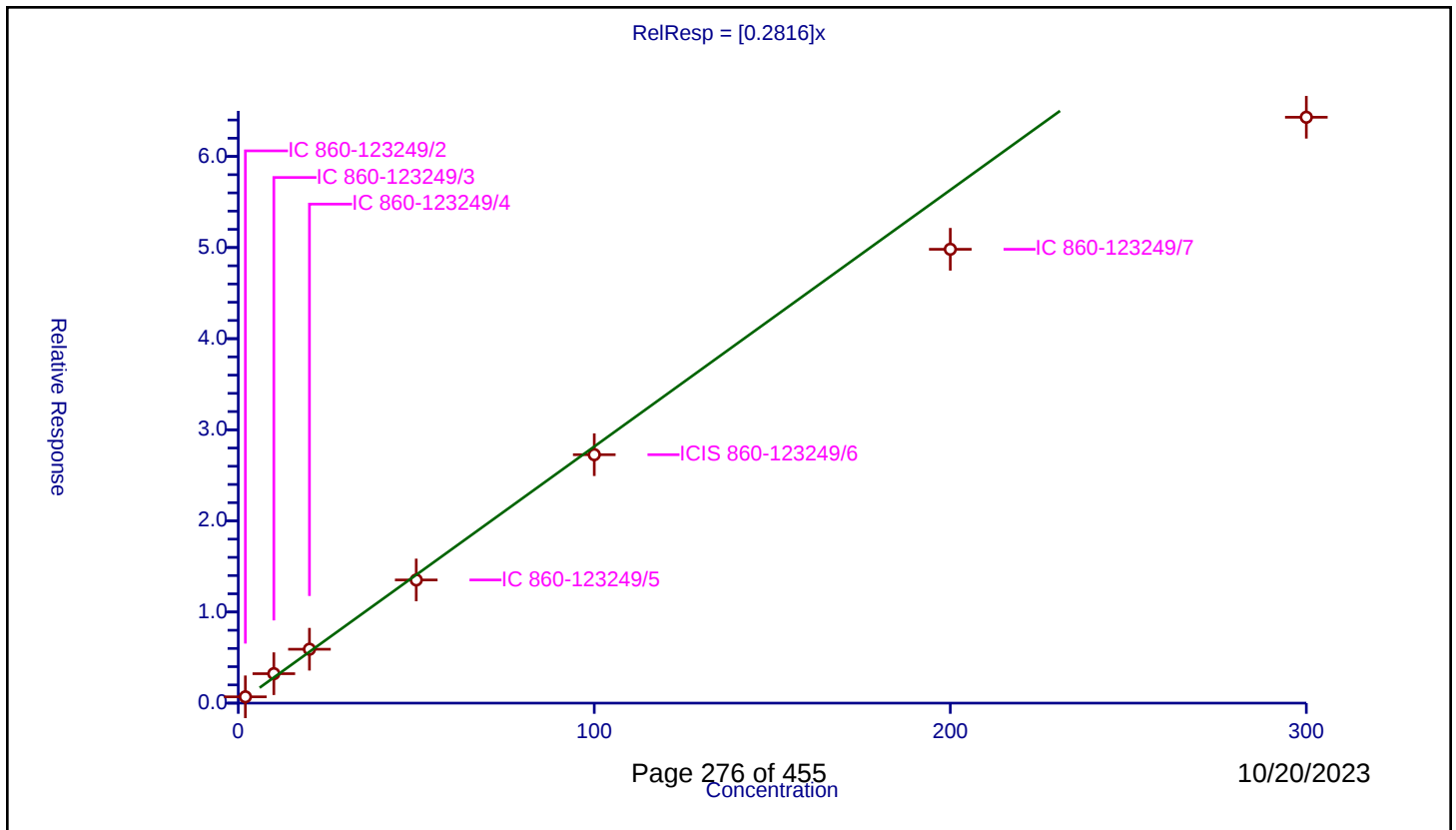
Curve Coefficients

Intercept: 0
Slope: 0.2816

Error Coefficients

Standard Error: 409000
Relative Standard Error: 15.8
Correlation Coefficient: 0.992
Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	2.0	0.691481	50.0	467547.0	0.345741	Y
2	IC 860-123249/3	10.0	3.232589	50.0	495377.0	0.323259	Y
3	IC 860-123249/4	20.0	5.915398	50.0	507413.0	0.29577	Y
4	IC 860-123249/5	50.0	13.51807	50.0	539182.0	0.270361	Y
5	ICIS 860-123249/6	100.0	27.267812	50.0	549362.0	0.272678	Y
6	IC 860-123249/7	200.0	49.811521	50.0	571948.0	0.249058	Y
7	IC 860-123249/8	300.0	64.302044	50.0	583074.0	0.21434	Y



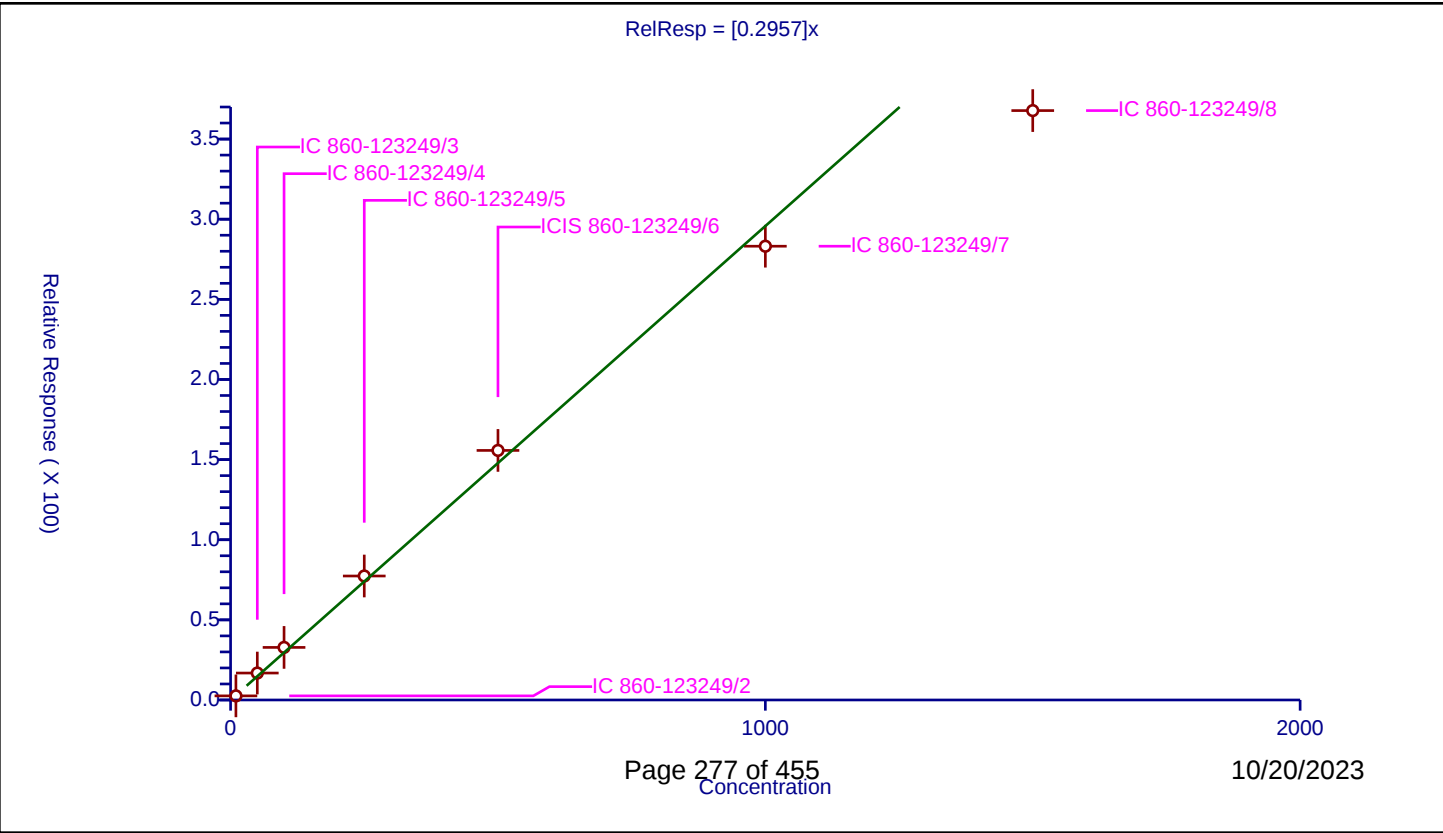
Calibration

/ 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:	0.2957
Error Coefficients	
Standard Error:	2330000
Relative Standard Error:	11.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	10.0	2.562951	50.0	467547.0	0.256295	Y
2	IC 860-123249/3	50.0	16.821936	50.0	495377.0	0.336439	Y
3	IC 860-123249/4	100.0	32.805131	50.0	507413.0	0.328051	Y
4	IC 860-123249/5	250.0	77.367568	50.0	539182.0	0.30947	Y
5	ICIS 860-123249/6	500.0	155.721273	50.0	549362.0	0.311443	Y
6	IC 860-123249/7	1000.0	283.144971	50.0	571948.0	0.283145	Y
7	IC 860-123249/8	1500.0	367.769443	50.0	583074.0	0.24518	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

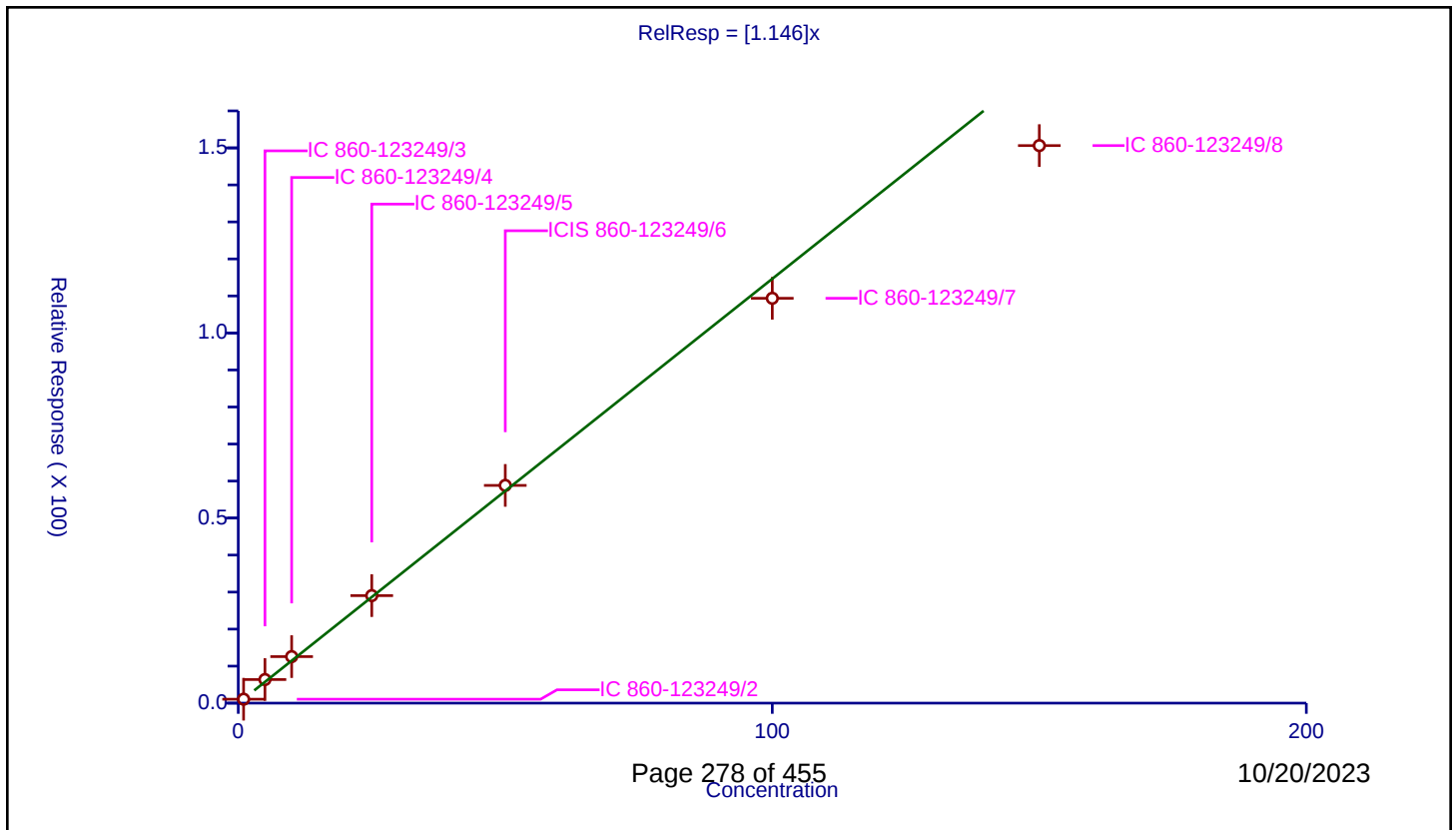
Curve Coefficients

Intercept: 0
Slope: 1.146

Error Coefficients

Standard Error: 930000
Relative Standard Error: 8.7
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.058075	50.0	467547.0	1.058075	Y
2	IC 860-123249/3	5.0	6.368079	50.0	495377.0	1.273616	Y
3	IC 860-123249/4	10.0	12.568361	50.0	507413.0	1.256836	Y
4	IC 860-123249/5	25.0	29.044645	50.0	539182.0	1.161786	Y
5	ICIS 860-123249/6	50.0	58.817956	50.0	549362.0	1.176359	Y
6	IC 860-123249/7	100.0	109.371744	50.0	571948.0	1.093717	Y
7	IC 860-123249/8	150.0	150.627793	50.0	583074.0	1.004185	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

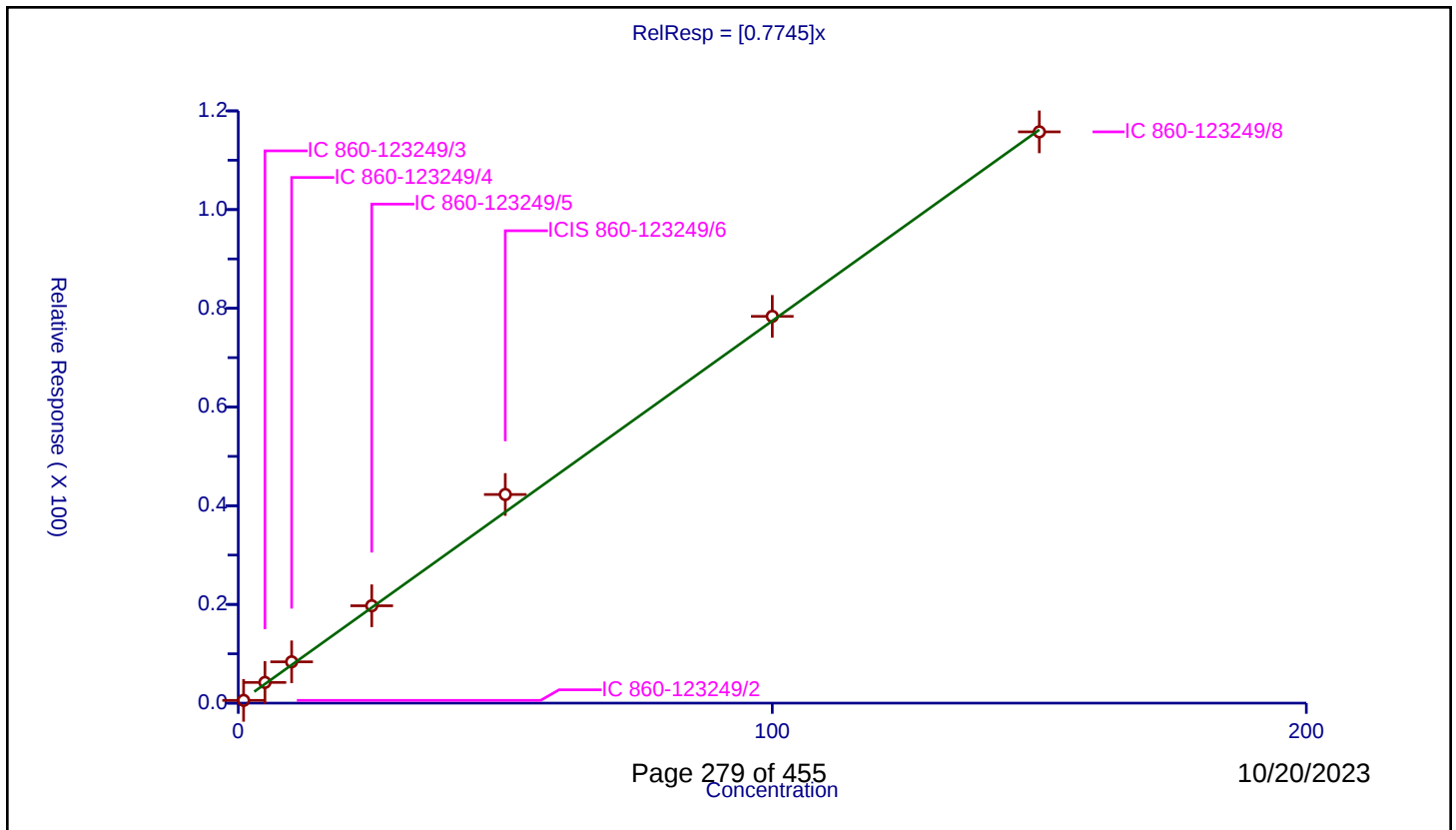
Curve Coefficients

Intercept: 0
Slope: 0.7745

Error Coefficients

Standard Error: 695000
Relative Standard Error: 13.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.556094	50.0	467547.0	0.556094	Y
2	IC 860-123249/3	5.0	4.193776	50.0	495377.0	0.838755	Y
3	IC 860-123249/4	10.0	8.369119	50.0	507413.0	0.836912	Y
4	IC 860-123249/5	25.0	19.727569	50.0	539182.0	0.789103	Y
5	ICIS 860-123249/6	50.0	42.273583	50.0	549362.0	0.845472	Y
6	IC 860-123249/7	100.0	78.366914	50.0	571948.0	0.783669	Y
7	IC 860-123249/8	150.0	115.755547	50.0	583074.0	0.771704	Y



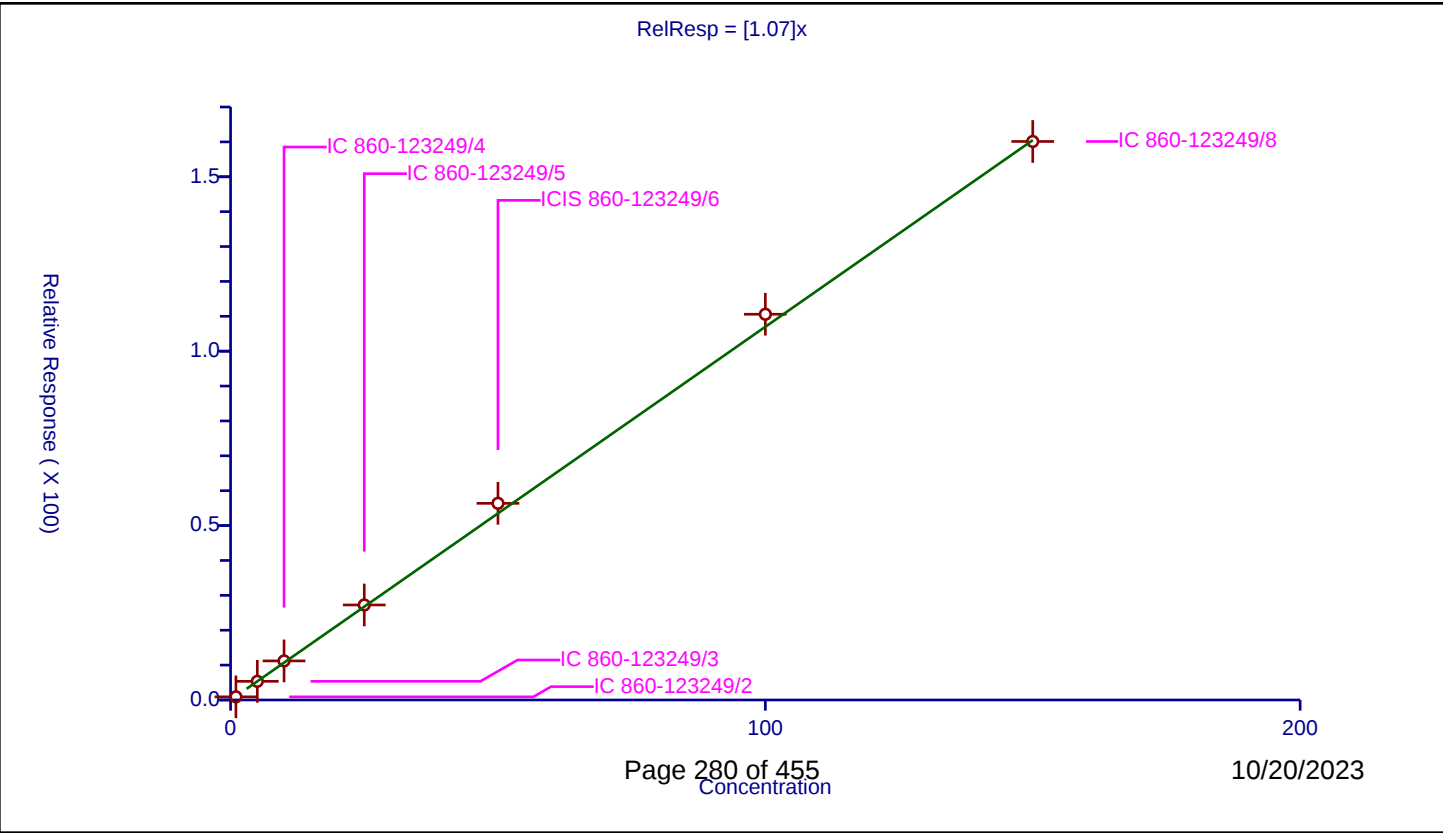
Calibration

/ 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:	1.07
Error Coefficients	
Standard Error:	964000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.908465	50.0	467547.0	0.908465	Y
2	IC 860-123249/3	5.0	5.348351	50.0	495377.0	1.06967	Y
3	IC 860-123249/4	10.0	11.206355	50.0	507413.0	1.120635	Y
4	IC 860-123249/5	25.0	27.242935	50.0	539182.0	1.089717	Y
5	ICIS 860-123249/6	50.0	56.381493	50.0	549362.0	1.12763	Y
6	IC 860-123249/7	100.0	110.590998	50.0	571948.0	1.10591	Y
7	IC 860-123249/8	150.0	160.119642	50.0	583074.0	1.067464	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

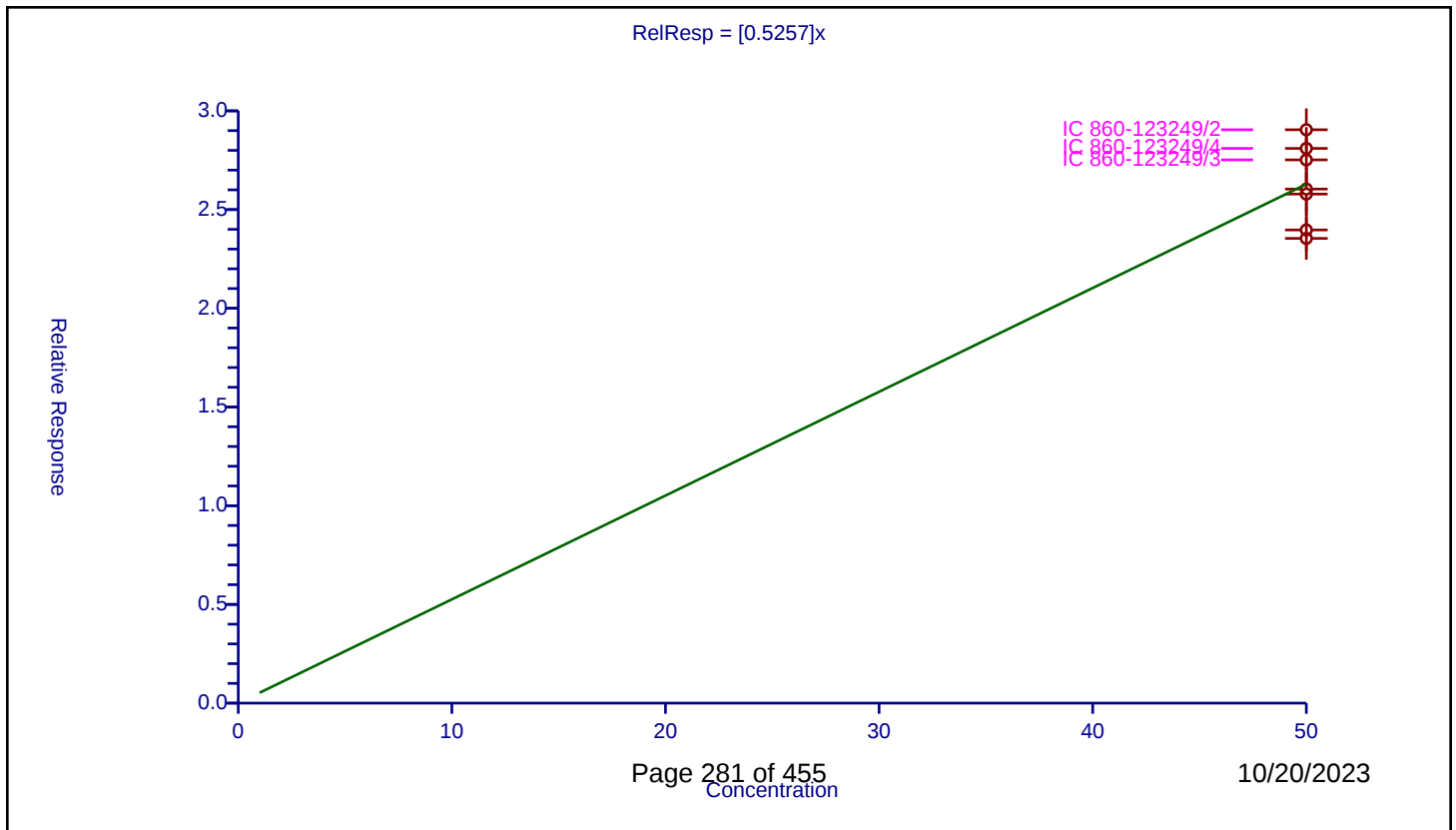
Curve Coefficients

Intercept: 0
Slope: 0.5257

Error Coefficients

Standard Error: 300000
Relative Standard Error: 7.9
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	50.0	29.044246	50.0	467547.0	0.580885	Y
2	IC 860-123249/3	50.0	27.519243	50.0	495377.0	0.550385	Y
3	IC 860-123249/4	50.0	28.09861	50.0	507413.0	0.561972	Y
4	IC 860-123249/5	50.0	25.787211	50.0	539182.0	0.515744	Y
5	ICIS 860-123249/6	50.0	26.039661	50.0	549362.0	0.520793	Y
6	IC 860-123249/7	50.0	23.968001	50.0	571948.0	0.47936	Y
7	IC 860-123249/8	50.0	23.540065	50.0	583074.0	0.470801	Y



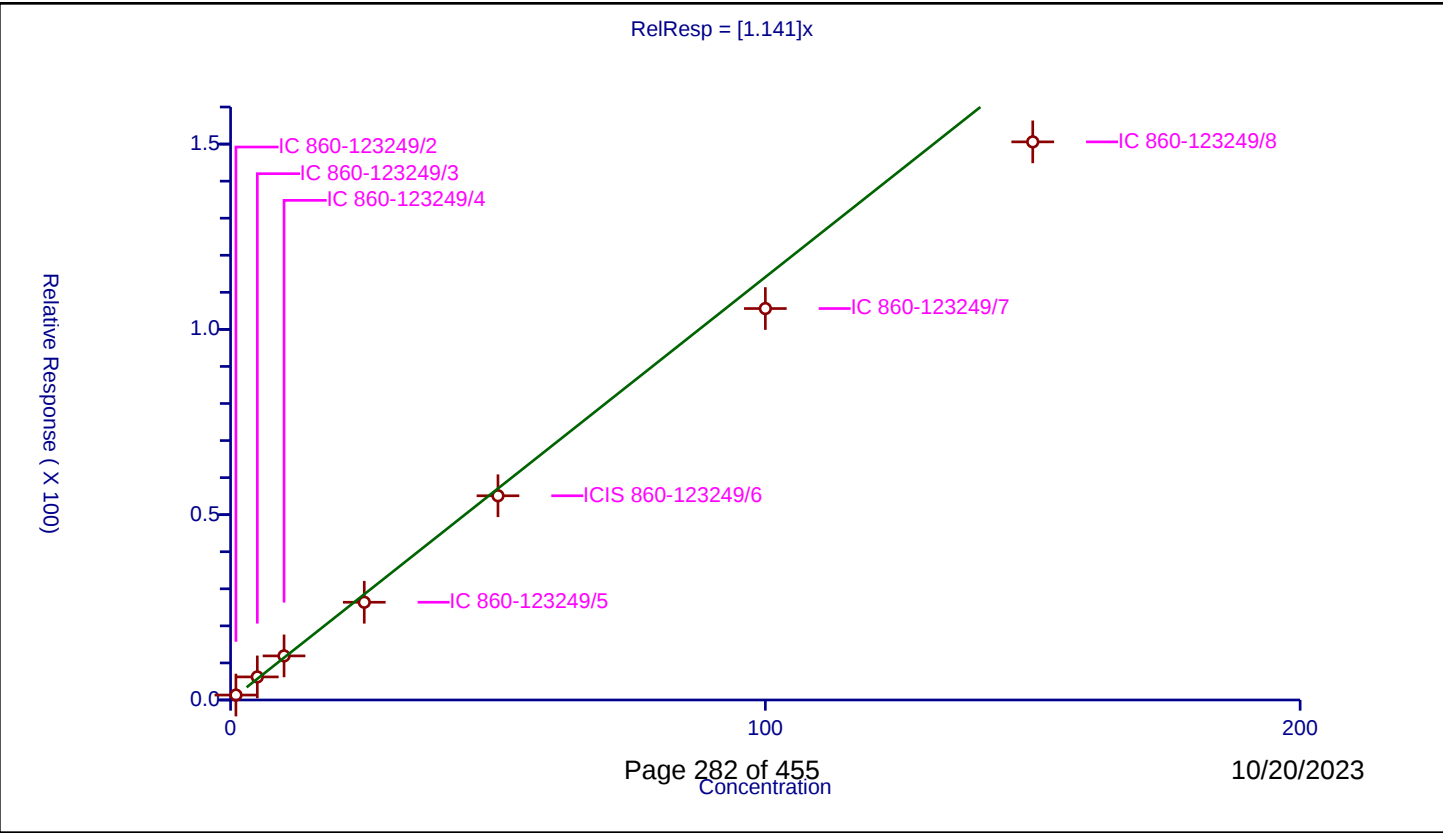
Calibration

/ 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:	1.141
Error Coefficients	
Standard Error:	914000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.335802	50.0	467547.0	1.335802	Y
2	IC 860-123249/3	5.0	6.223947	50.0	495377.0	1.244789	Y
3	IC 860-123249/4	10.0	11.898789	50.0	507413.0	1.189879	Y
4	IC 860-123249/5	25.0	26.371522	50.0	539182.0	1.054861	Y
5	ICIS 860-123249/6	50.0	55.108198	50.0	549362.0	1.102164	Y
6	IC 860-123249/7	100.0	105.626298	50.0	571948.0	1.056263	Y
7	IC 860-123249/8	150.0	150.594093	50.0	583074.0	1.003961	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

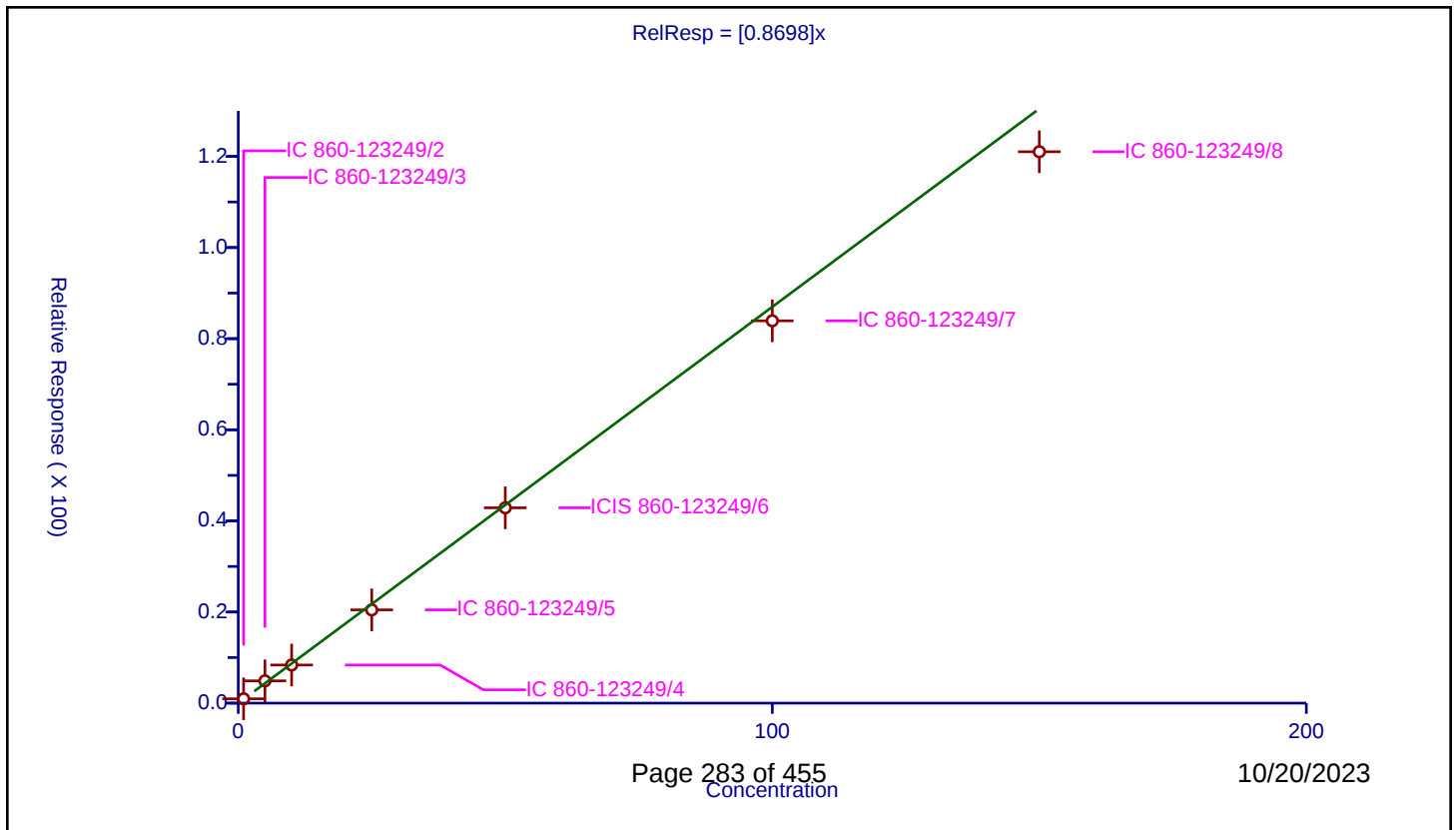
Curve Coefficients

Intercept: 0
Slope: 0.8698

Error Coefficients

Standard Error: 730000
Relative Standard Error: 7.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.950814	50.0	467547.0	0.950814	Y
2	IC 860-123249/3	5.0	4.89294	50.0	495377.0	0.978588	Y
3	IC 860-123249/4	10.0	8.369021	50.0	507413.0	0.836902	Y
4	IC 860-123249/5	25.0	20.46999	50.0	539182.0	0.8188	Y
5	ICIS 860-123249/6	50.0	42.873916	50.0	549362.0	0.857478	Y
6	IC 860-123249/7	100.0	83.92144	50.0	571948.0	0.839214	Y
7	IC 860-123249/8	150.0	121.033437	50.0	583074.0	0.80689	Y



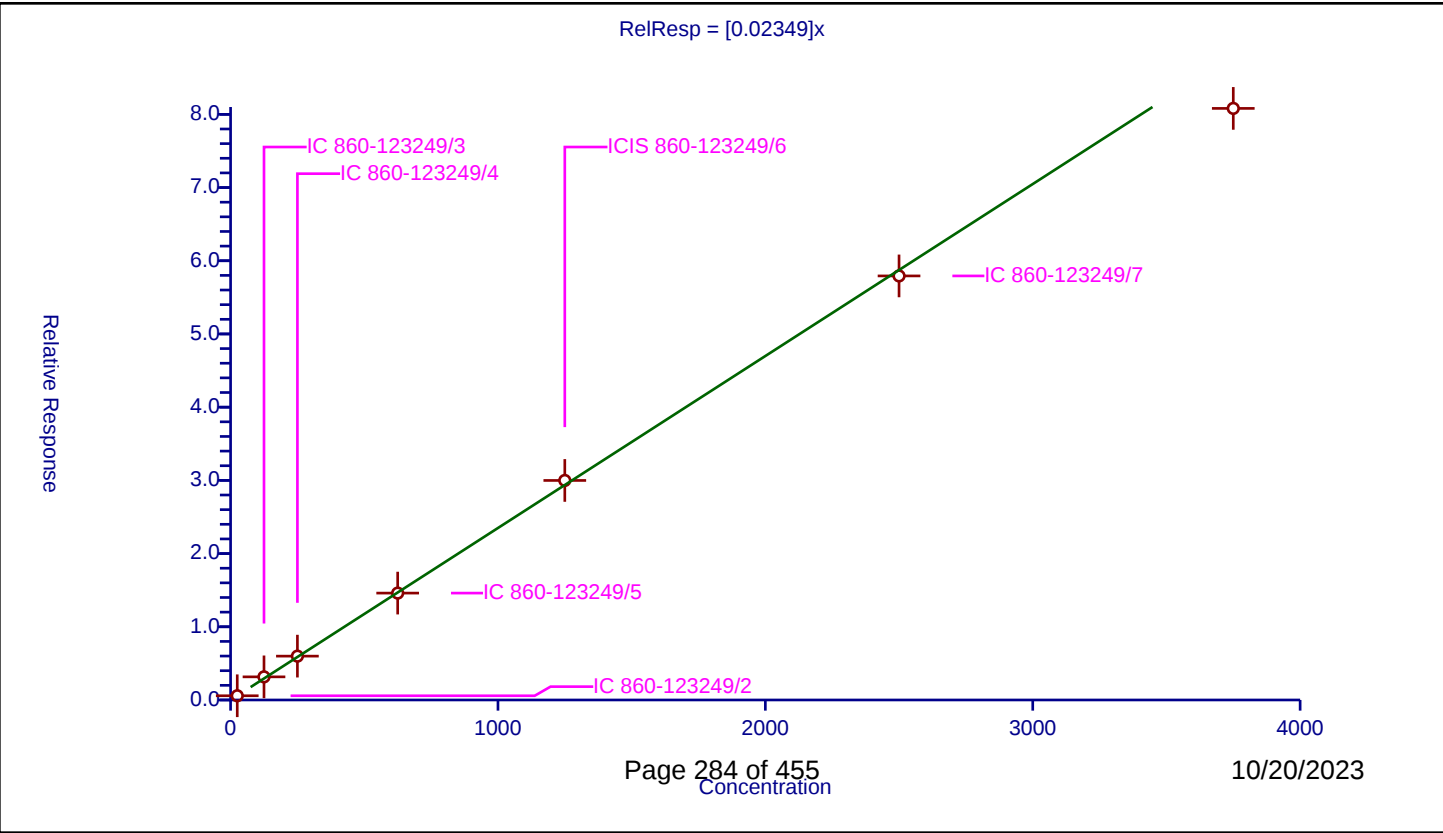
Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.02349
Error Coefficients	
Standard Error:	754000
Relative Standard Error:	4.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	25.0	0.578125	50.0	765146.0	0.023125	Y
2	IC 860-123249/3	125.0	3.161708	50.0	793685.0	0.025294	Y
3	IC 860-123249/4	250.0	5.989154	50.0	822036.0	0.023957	Y
4	IC 860-123249/5	625.0	14.600682	50.0	835574.0	0.023361	Y
5	ICIS 860-123249/6	1250.0	29.989569	50.0	867580.0	0.023992	Y
6	IC 860-123249/7	2500.0	57.926533	50.0	881678.0	0.023171	Y
7	IC 860-123249/8	3750.0	80.811334	50.0	879613.0	0.02155	Y



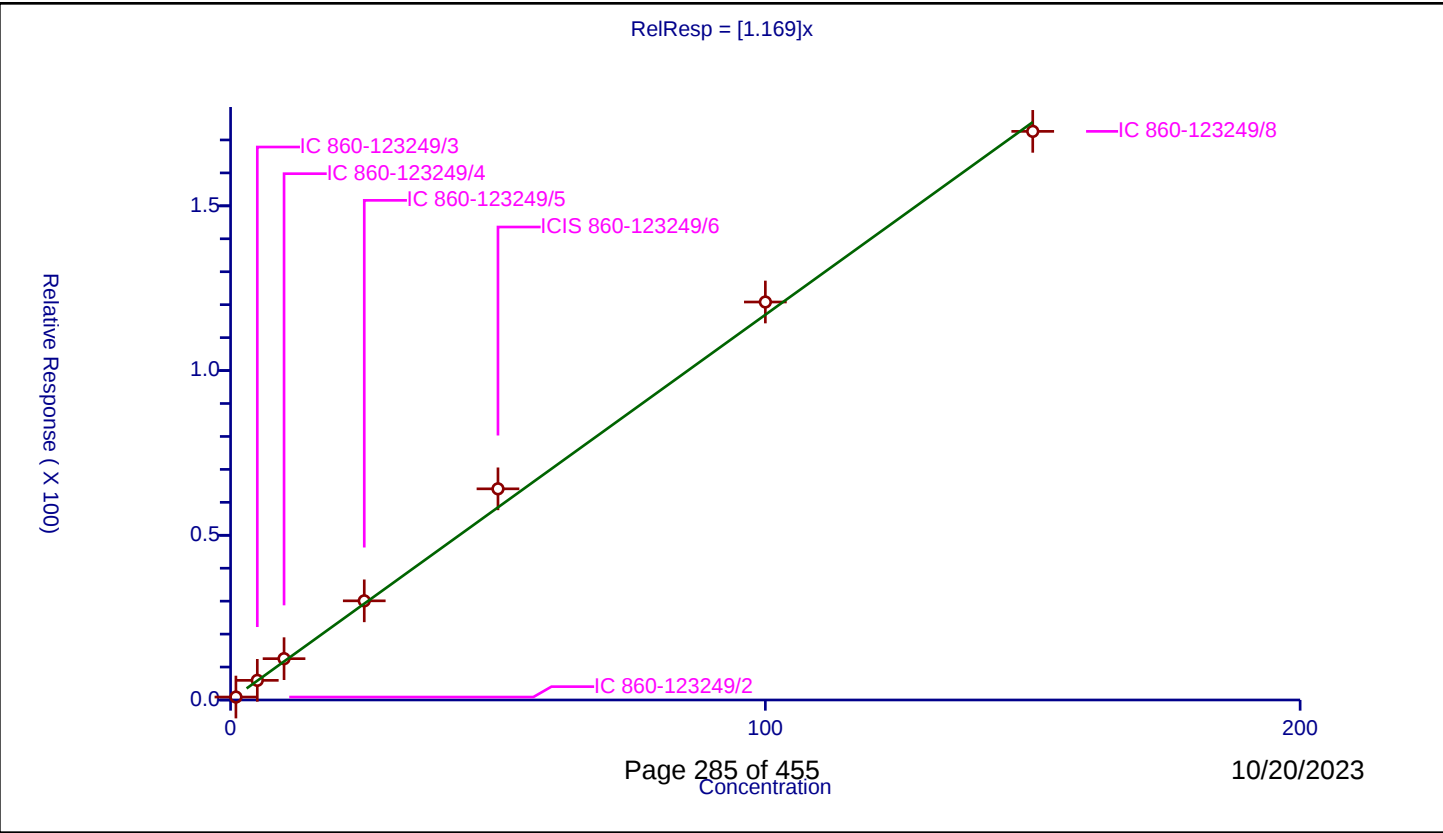
Calibration

/ 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:	1.169
Error Coefficients	
Standard Error:	1600000
Relative Standard Error:	11.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.89447	50.0	765146.0	0.89447	Y
2	IC 860-123249/3	5.0	5.959984	50.0	793685.0	1.191997	Y
3	IC 860-123249/4	10.0	12.546348	50.0	822036.0	1.254635	Y
4	IC 860-123249/5	25.0	30.096616	50.0	835574.0	1.203865	Y
5	ICIS 860-123249/6	50.0	64.100198	50.0	867580.0	1.282004	Y
6	IC 860-123249/7	100.0	120.806973	50.0	881678.0	1.20807	Y
7	IC 860-123249/8	150.0	172.608238	50.0	879613.0	1.150722	Y



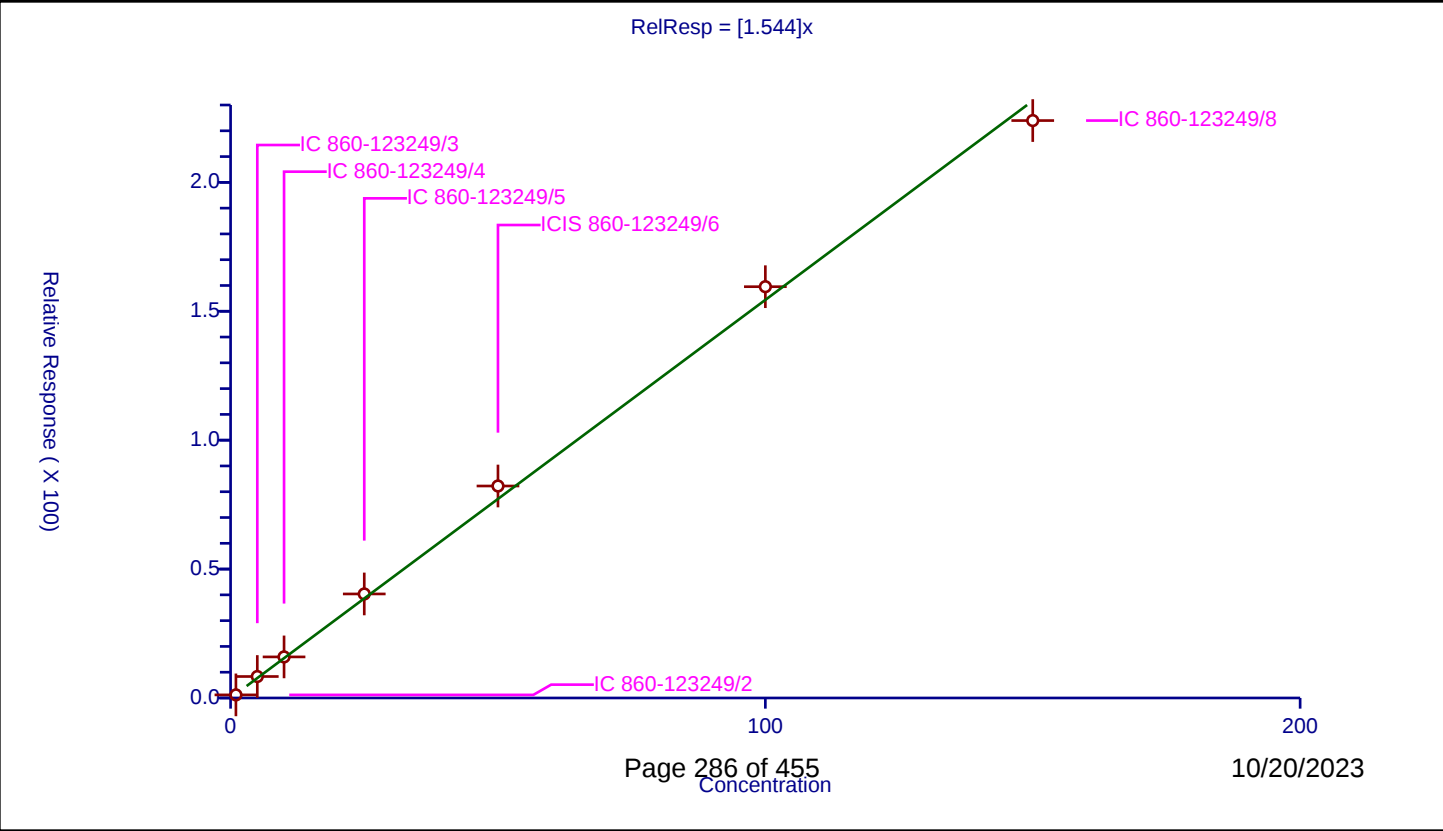
Calibration

/ 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:	1.544
Error Coefficients	
Standard Error:	2080000
Relative Standard Error:	10.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.203626	50.0	765146.0	1.203626	Y
2	IC 860-123249/3	5.0	8.326792	50.0	793685.0	1.665358	Y
3	IC 860-123249/4	10.0	15.931541	50.0	822036.0	1.593154	Y
4	IC 860-123249/5	25.0	40.353218	50.0	835574.0	1.614129	Y
5	ICIS 860-123249/6	50.0	82.224348	50.0	867580.0	1.644487	Y
6	IC 860-123249/7	100.0	159.529386	50.0	881678.0	1.595294	Y
7	IC 860-123249/8	150.0	223.967188	50.0	879613.0	1.493115	Y



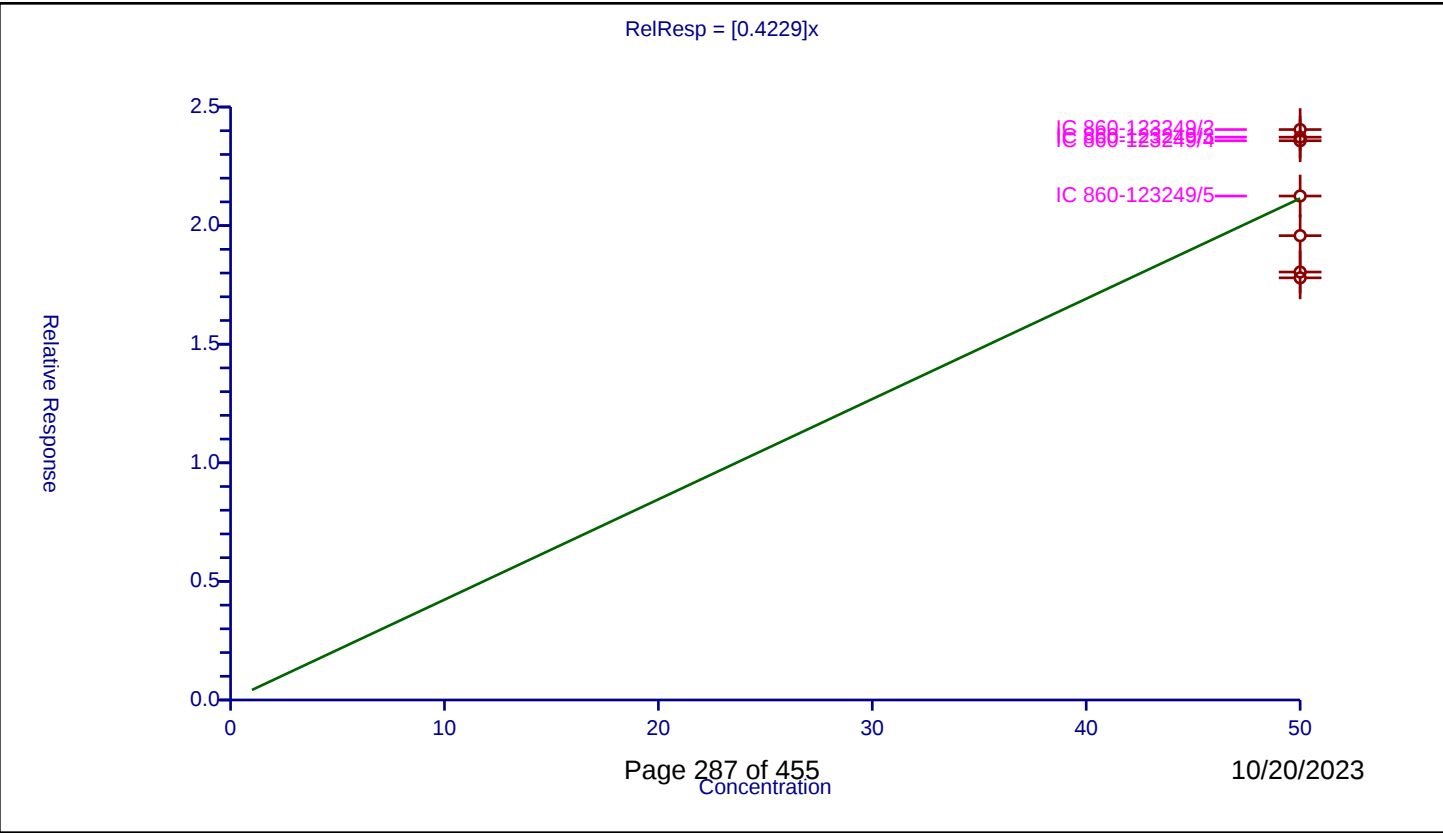
Calibration

/ 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:	0.4229
Error Coefficients	
Standard Error:	380000
Relative Standard Error:	12.9
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	50.0	24.050508	50.0	765146.0	0.48101	Y
2	IC 860-123249/3	50.0	23.728116	50.0	793685.0	0.474562	Y
3	IC 860-123249/4	50.0	23.578043	50.0	822036.0	0.471561	Y
4	IC 860-123249/5	50.0	21.24725	50.0	835574.0	0.424945	Y
5	ICIS 860-123249/6	50.0	19.576811	50.0	867580.0	0.391536	Y
6	IC 860-123249/7	50.0	18.043209	50.0	881678.0	0.360864	Y
7	IC 860-123249/8	50.0	17.798168	50.0	879613.0	0.355963	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

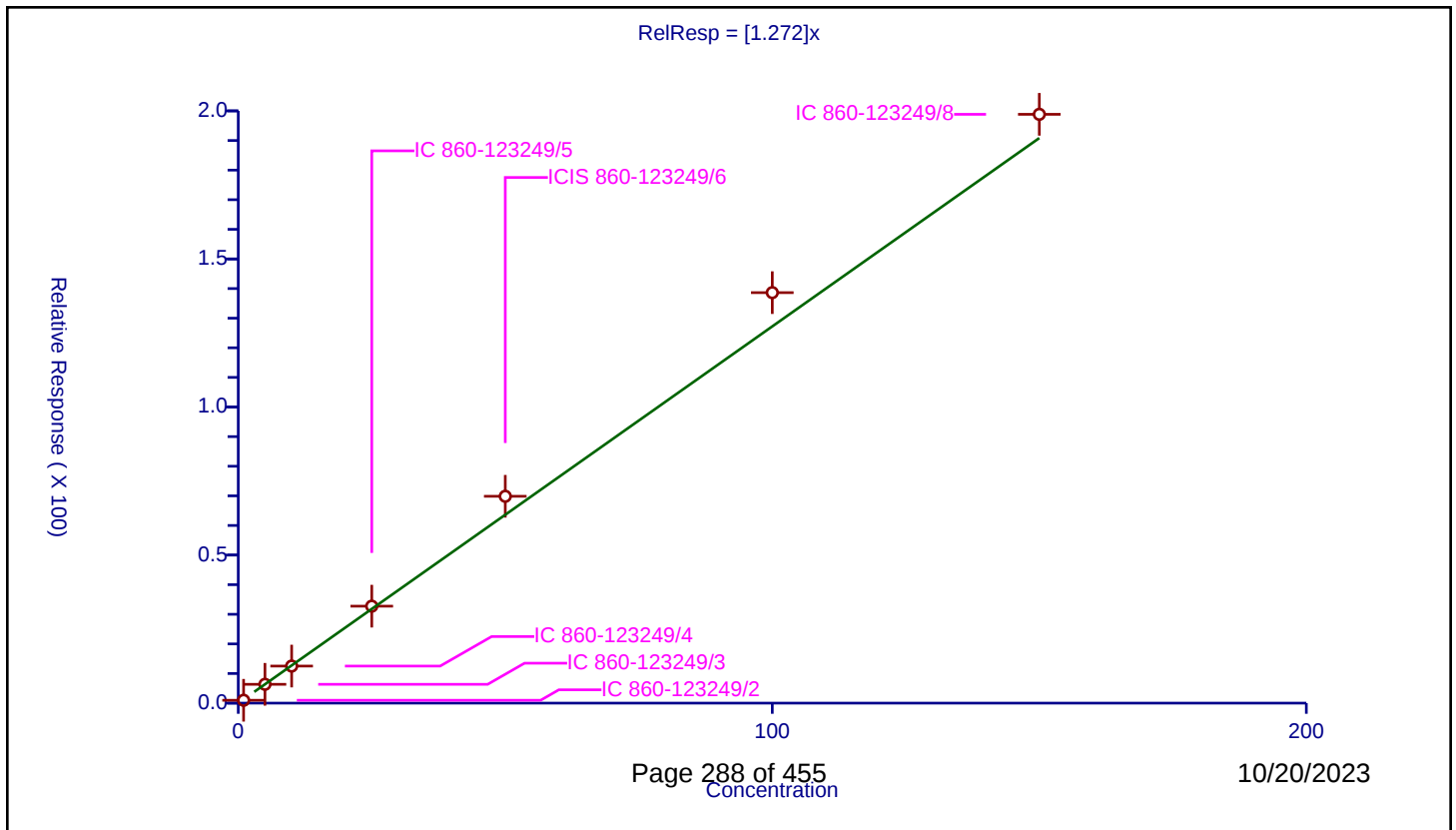
Curve Coefficients

Intercept: 0
Slope: 1.272

Error Coefficients

Standard Error: 1830000
Relative Standard Error: 11.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.964195	50.0	765146.0	0.964195	Y
2	IC 860-123249/3	5.0	6.355544	50.0	793685.0	1.271109	Y
3	IC 860-123249/4	10.0	12.514841	50.0	822036.0	1.251484	Y
4	IC 860-123249/5	25.0	32.742522	50.0	835574.0	1.309701	Y
5	ICIS 860-123249/6	50.0	69.850561	50.0	867580.0	1.397011	Y
6	IC 860-123249/7	100.0	138.625439	50.0	881678.0	1.386254	Y
7	IC 860-123249/8	150.0	198.835852	50.0	879613.0	1.325572	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

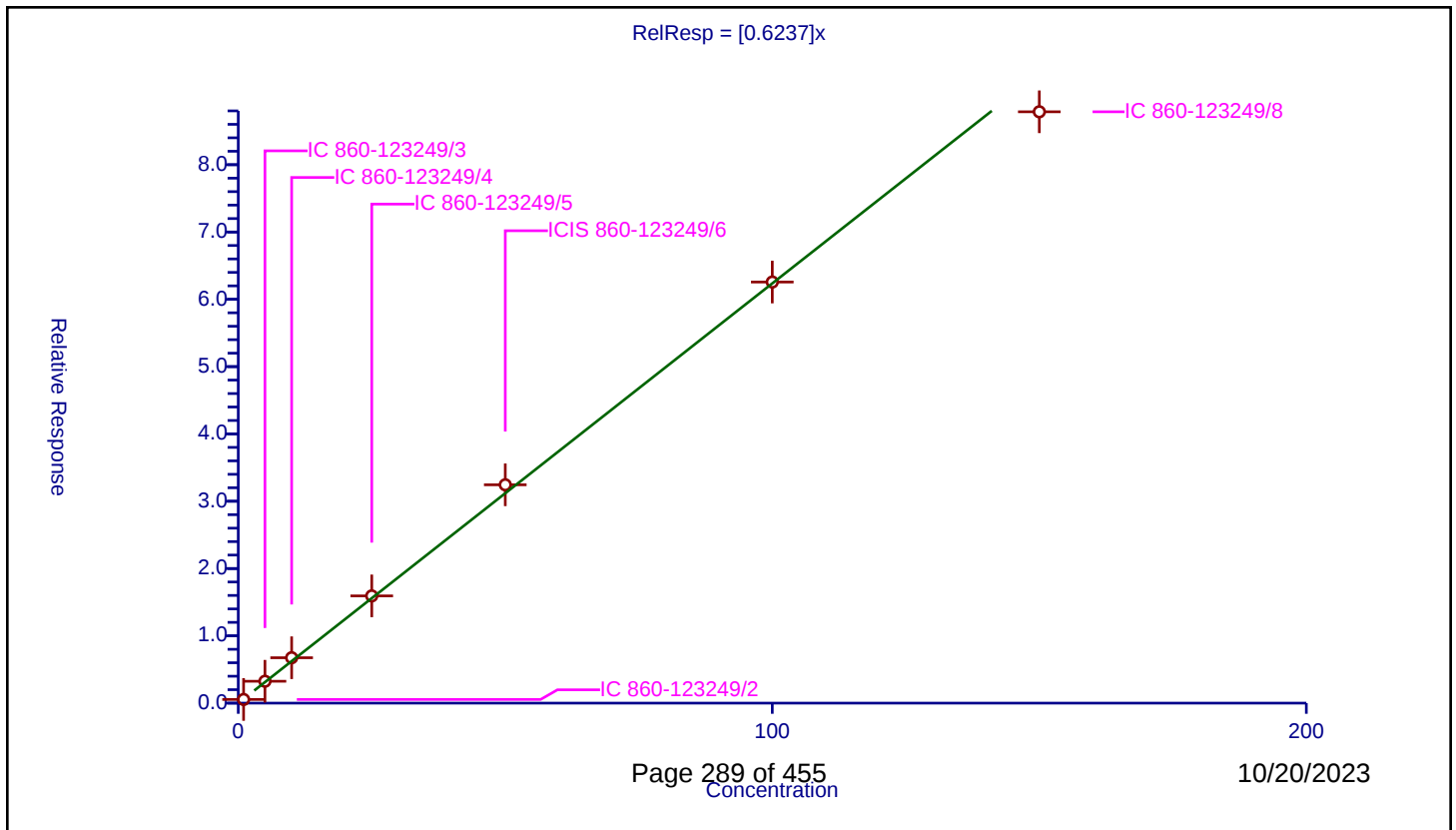
Curve Coefficients

Intercept: 0
Slope: 0.6237

Error Coefficients

Standard Error: 817000
Relative Standard Error: 7.2
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.543426	50.0	765146.0	0.543426	Y
2	IC 860-123249/3	5.0	3.250912	50.0	793685.0	0.650182	Y
3	IC 860-123249/4	10.0	6.743865	50.0	822036.0	0.674387	Y
4	IC 860-123249/5	25.0	15.93294	50.0	835574.0	0.637318	Y
5	ICIS 860-123249/6	50.0	32.442887	50.0	867580.0	0.648858	Y
6	IC 860-123249/7	100.0	62.568421	50.0	881678.0	0.625684	Y
7	IC 860-123249/8	150.0	87.866596	50.0	879613.0	0.585777	Y



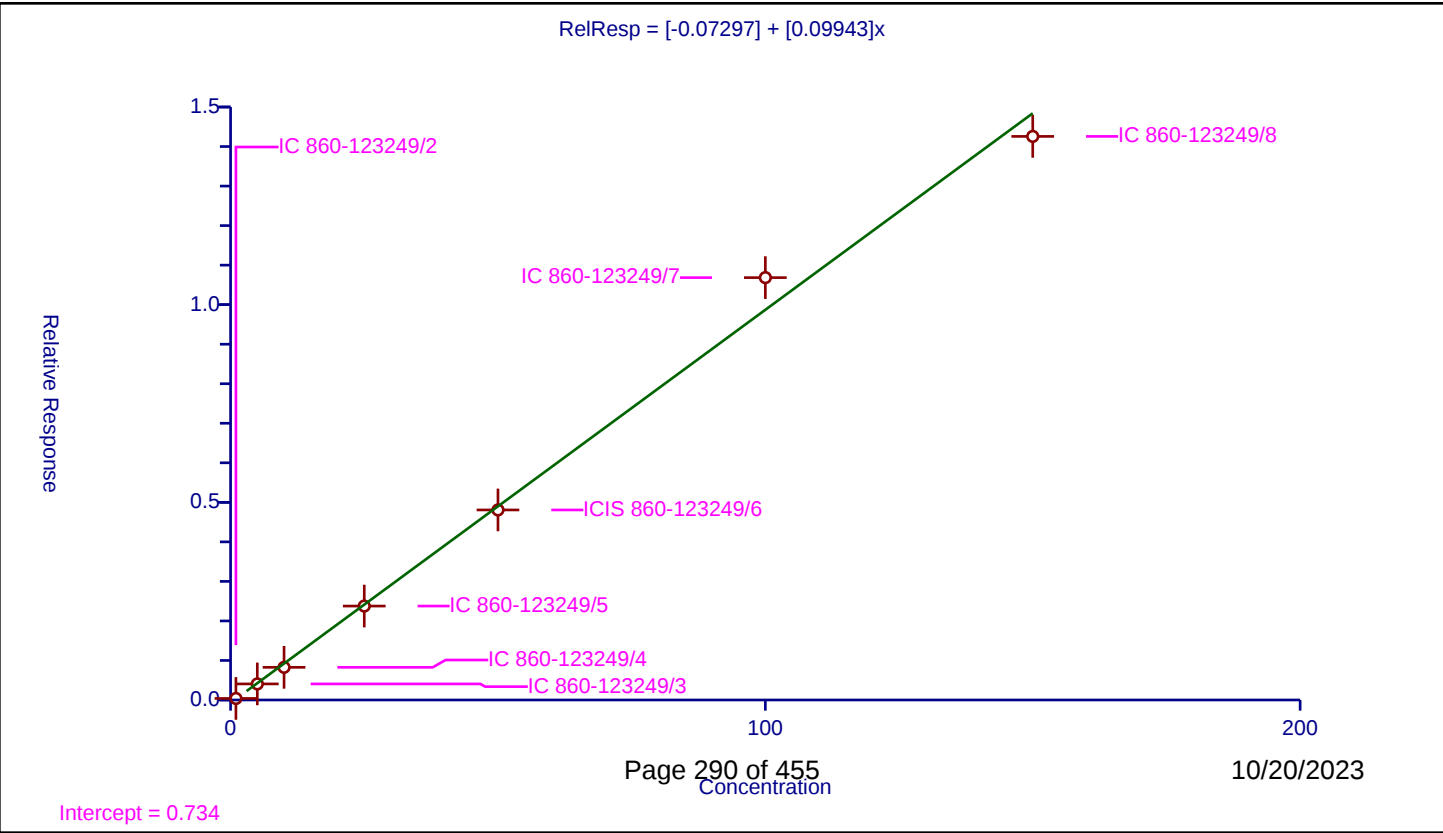
Calibration

/ Ethyl acrylate

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	-0.07297
Slope:	0.09943
Error Coefficients	
Standard Error:	73200
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.038593	50.0	327780.0	0.038593	Y
2	IC 860-123249/3	5.0	0.406545	50.0	388641.0	0.081309	Y
3	IC 860-123249/4	10.0	0.825904	50.0	404163.0	0.08259	Y
4	IC 860-123249/5	25.0	2.375943	50.0	413520.0	0.095038	Y
5	ICIS 860-123249/6	50.0	4.80742	50.0	441349.0	0.096148	Y
6	IC 860-123249/7	100.0	10.684195	50.0	421225.0	0.106842	Y
7	IC 860-123249/8	150.0	14.256856	50.0	450229.0	0.095046	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

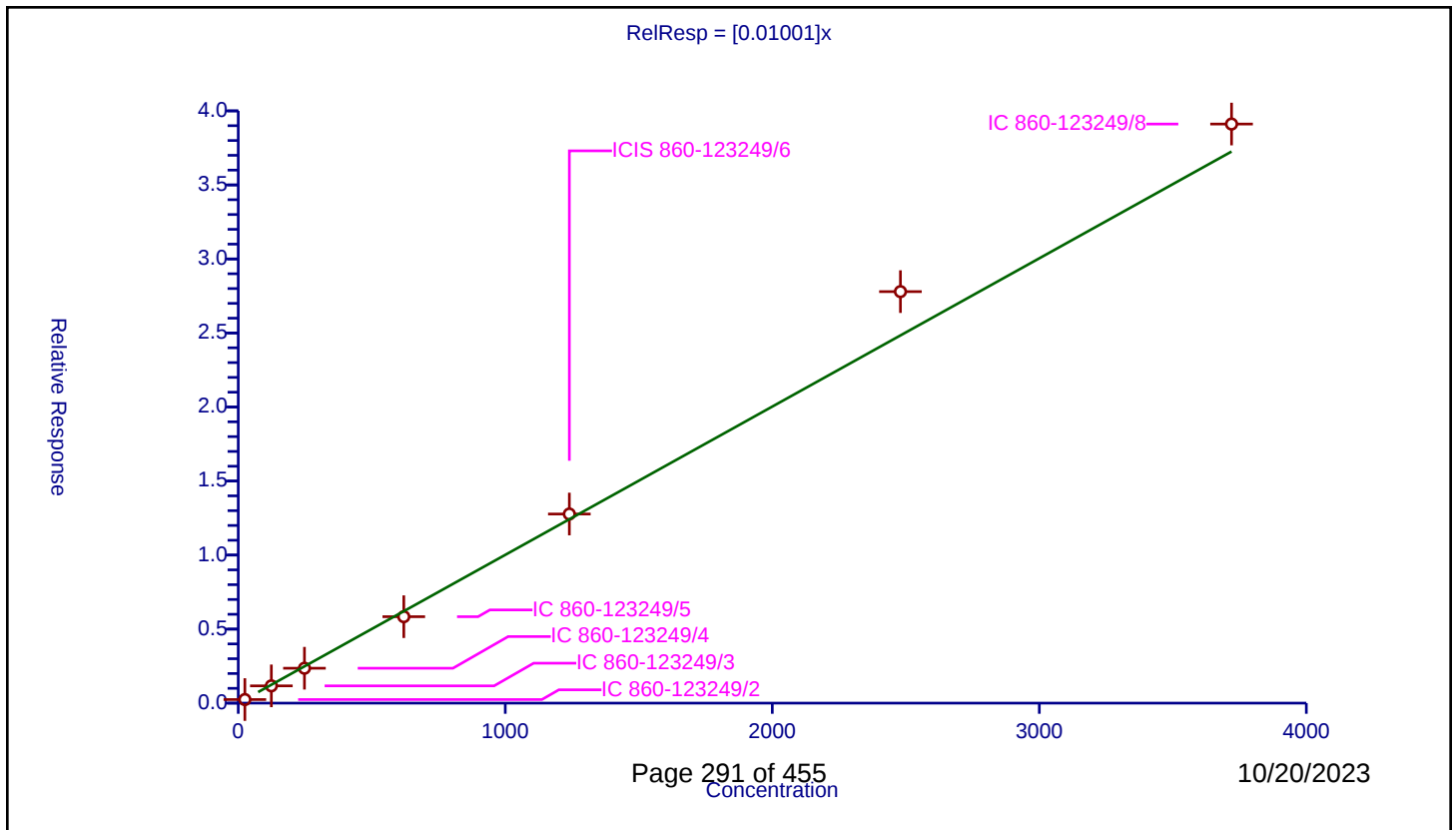
Curve Coefficients

Intercept: 0
Slope: 0.01001

Error Coefficients

Standard Error: 359000
Relative Standard Error: 6.8
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	24.8	0.241784	50.0	765146.0	0.009749	Y
2	IC 860-123249/3	124.0	1.166647	50.0	793685.0	0.009408	Y
3	IC 860-123249/4	248.0	2.357074	50.0	822036.0	0.009504	Y
4	IC 860-123249/5	620.0	5.838621	50.0	835574.0	0.009417	Y
5	ICIS 860-123249/6	1240.0	12.772597	50.0	867580.0	0.0103	Y
6	IC 860-123249/7	2480.0	27.793594	50.0	881678.0	0.011207	Y
7	IC 860-123249/8	3720.0	39.110779	50.0	879613.0	0.010514	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

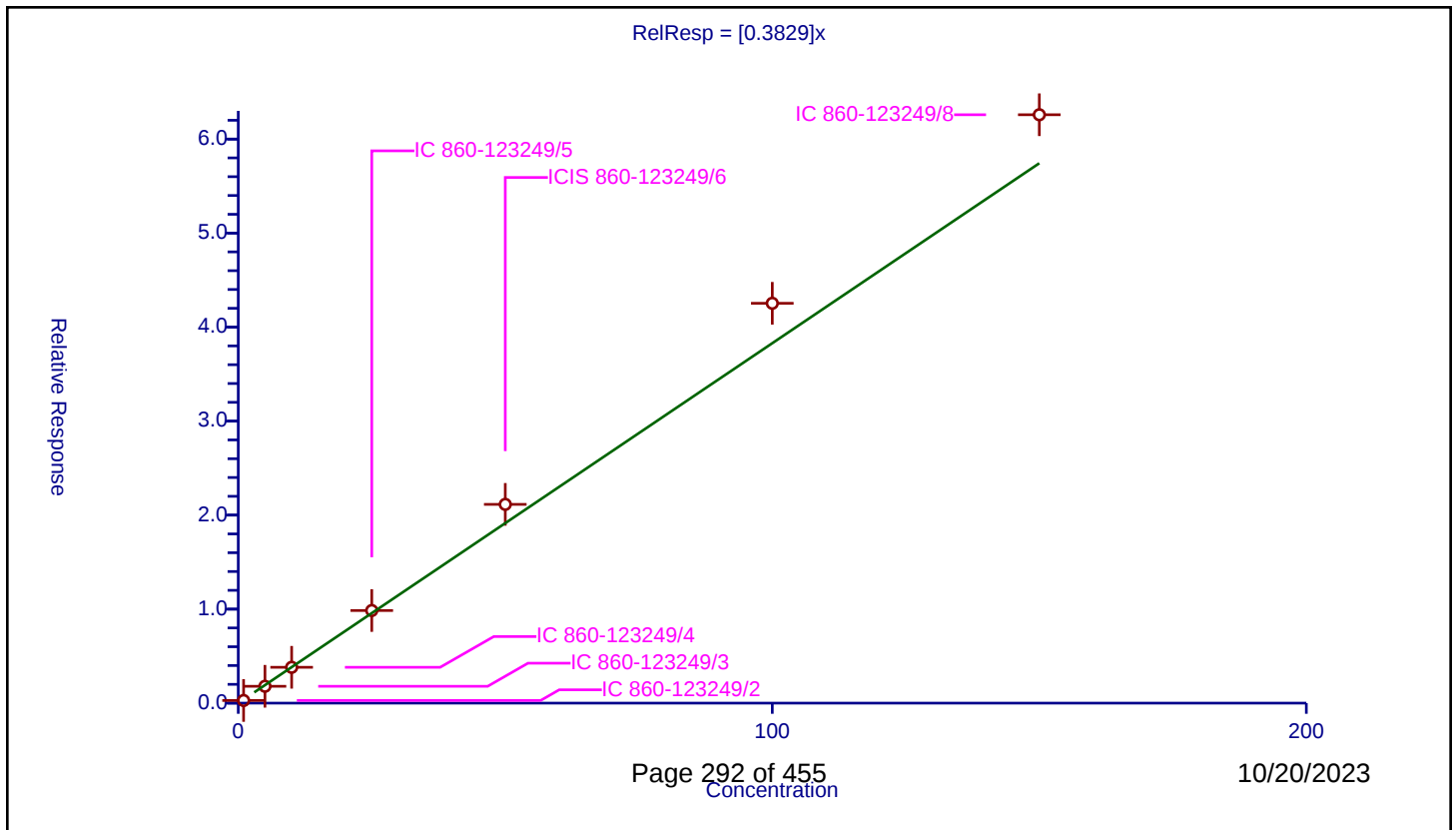
Curve Coefficients

Intercept: 0
Slope: 0.3829

Error Coefficients

Standard Error: 569000
Relative Standard Error: 13.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.281057	50.0	765146.0	0.281057	Y
2	IC 860-123249/3	5.0	1.792336	50.0	793685.0	0.358467	Y
3	IC 860-123249/4	10.0	3.8106	50.0	822036.0	0.38106	Y
4	IC 860-123249/5	25.0	9.851013	50.0	835574.0	0.394041	Y
5	ICIS 860-123249/6	50.0	21.143987	50.0	867580.0	0.42288	Y
6	IC 860-123249/7	100.0	42.532818	50.0	881678.0	0.425328	Y
7	IC 860-123249/8	150.0	62.589798	50.0	879613.0	0.417265	Y



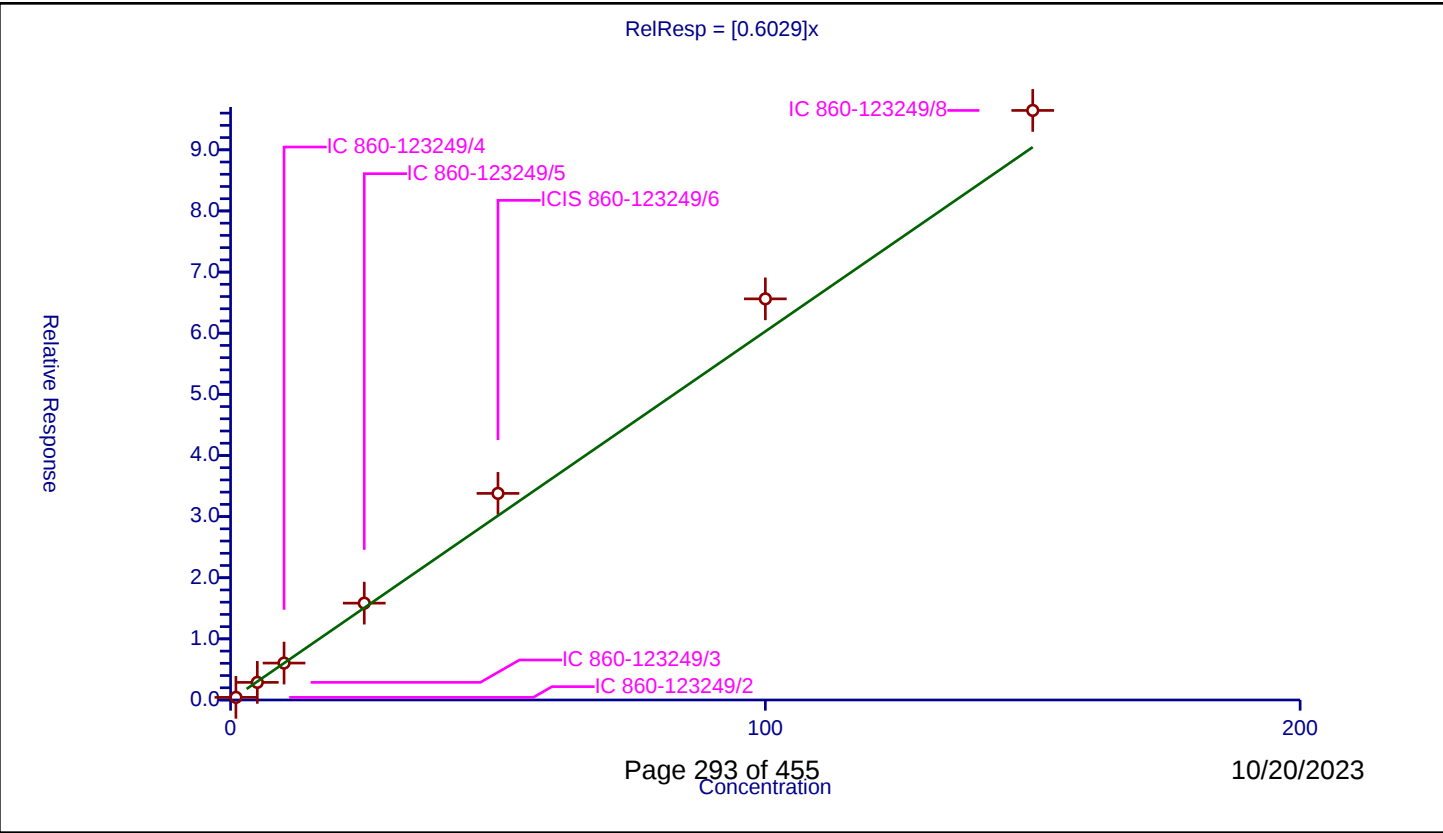
Calibration

/ 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:	0.6029
Error Coefficients	
Standard Error:	880000
Relative Standard Error:	13.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.431486	50.0	765146.0	0.431486	Y
2	IC 860-123249/3	5.0	2.882819	50.0	793685.0	0.576564	Y
3	IC 860-123249/4	10.0	6.038057	50.0	822036.0	0.603806	Y
4	IC 860-123249/5	25.0	15.839591	50.0	835574.0	0.633584	Y
5	ICIS 860-123249/6	50.0	33.794751	50.0	867580.0	0.675895	Y
6	IC 860-123249/7	100.0	65.618344	50.0	881678.0	0.656183	Y
7	IC 860-123249/8	150.0	96.440196	50.0	879613.0	0.642935	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

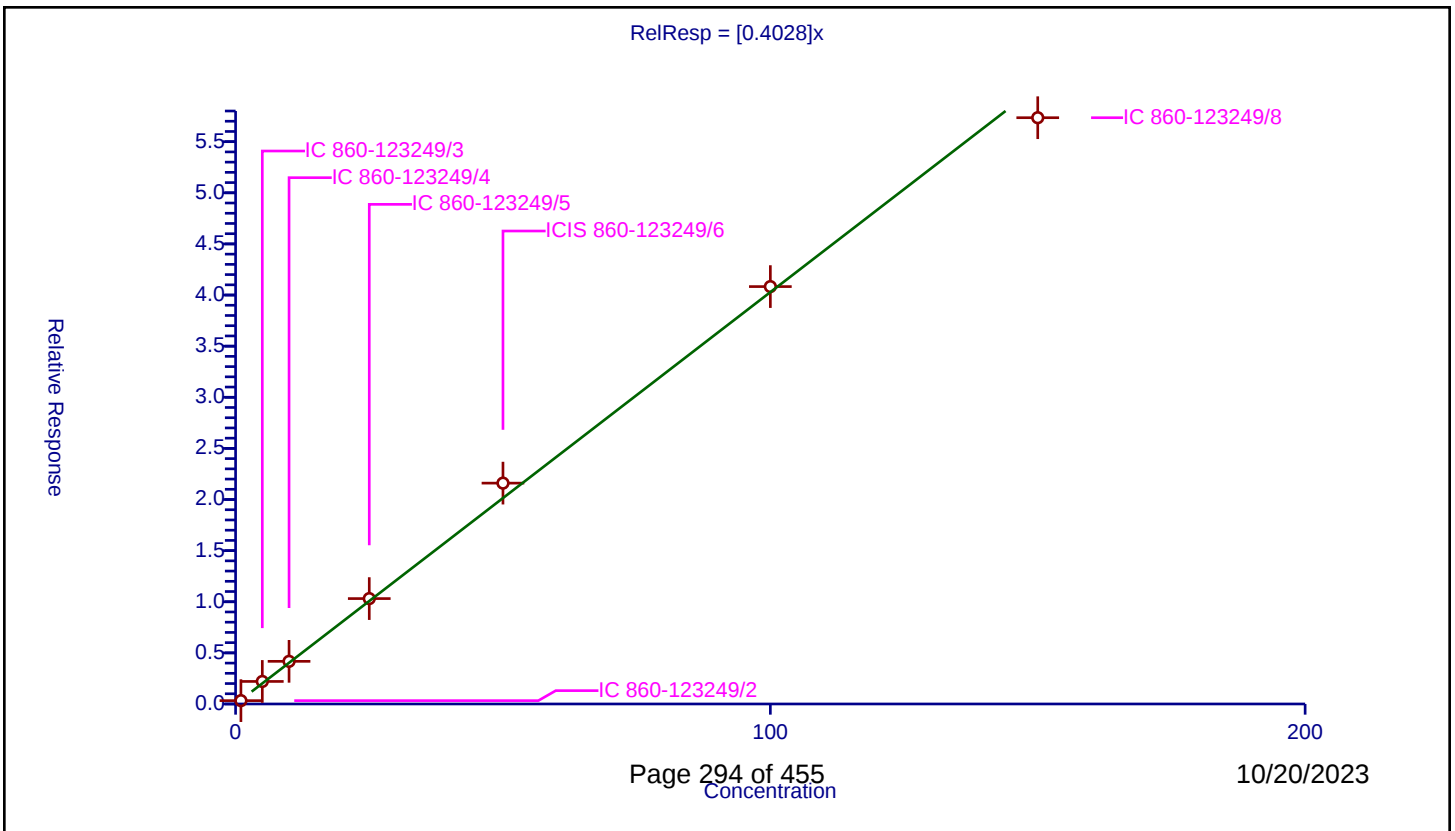
Curve Coefficients

Intercept: 0
Slope: 0.4028

Error Coefficients

Standard Error: 534000
Relative Standard Error: 9.5
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.326735	50.0	765146.0	0.326735	Y
2	IC 860-123249/3	5.0	2.204275	50.0	793685.0	0.440855	Y
3	IC 860-123249/4	10.0	4.171837	50.0	822036.0	0.417184	Y
4	IC 860-123249/5	25.0	10.308183	50.0	835574.0	0.412327	Y
5	ICIS 860-123249/6	50.0	21.602734	50.0	867580.0	0.432055	Y
6	IC 860-123249/7	100.0	40.826583	50.0	881678.0	0.408266	Y
7	IC 860-123249/8	150.0	57.345162	50.0	879613.0	0.382301	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

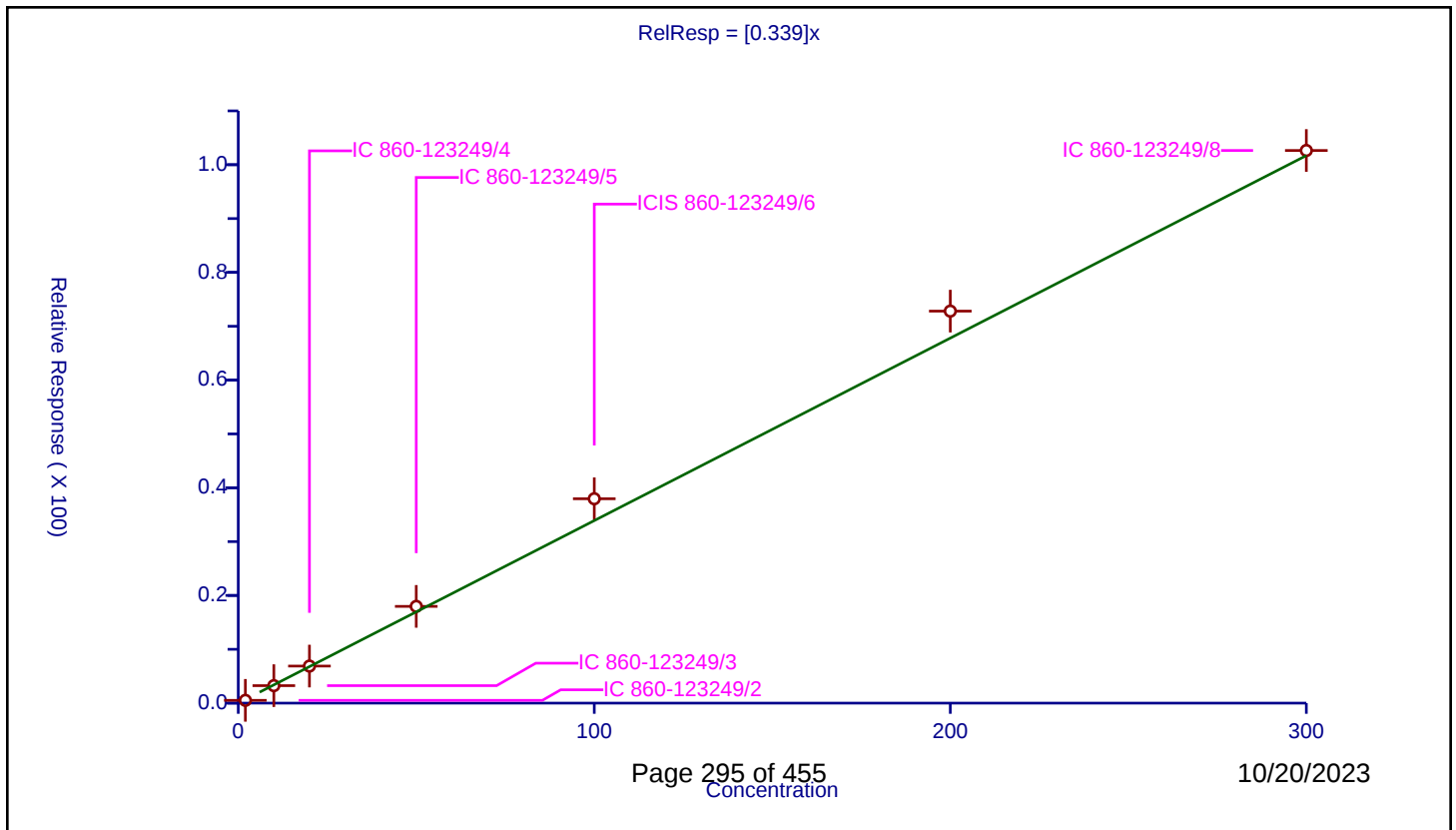
Curve Coefficients

Intercept: 0
Slope: 0.339

Error Coefficients

Standard Error: 953000
Relative Standard Error: 11.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	2.0	0.51794	50.0	765146.0	0.25897	Y
2	IC 860-123249/3	10.0	3.247321	50.0	793685.0	0.324732	Y
3	IC 860-123249/4	20.0	6.881815	50.0	822036.0	0.344091	Y
4	IC 860-123249/5	50.0	17.971478	50.0	835574.0	0.35943	Y
5	ICIS 860-123249/6	100.0	37.961168	50.0	867580.0	0.379612	Y
6	IC 860-123249/7	200.0	72.809518	50.0	881678.0	0.364048	Y
7	IC 860-123249/8	300.0	102.64298	50.0	879613.0	0.342143	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

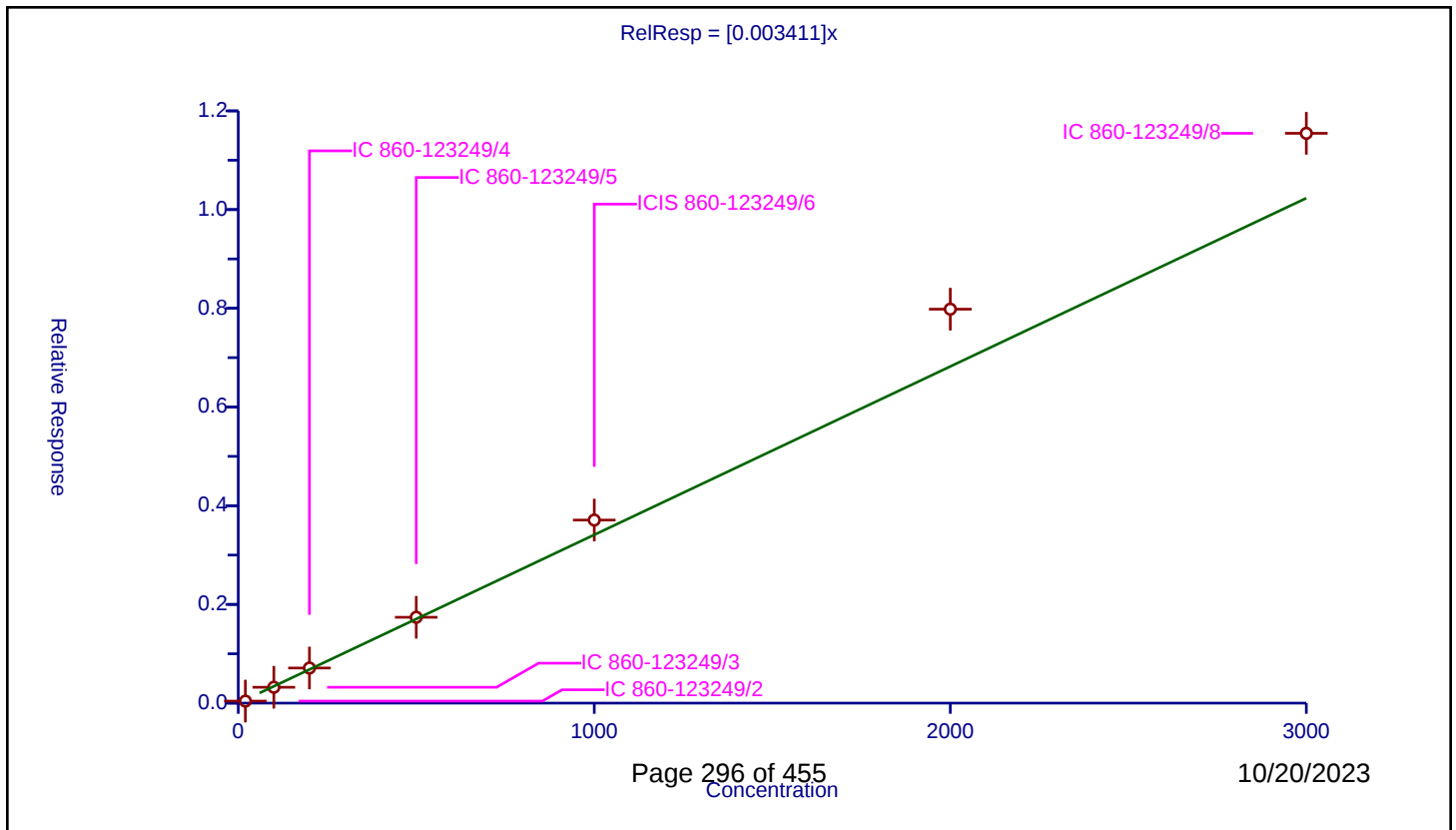
Curve Coefficients

Intercept: 0
Slope: 0.003411

Error Coefficients

Standard Error: 105000
Relative Standard Error: 18.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	20.0	0.041495	50.0	765146.0	0.002075	Y
2	IC 860-123249/3	100.0	0.321538	50.0	793685.0	0.003215	Y
3	IC 860-123249/4	200.0	0.711344	50.0	822036.0	0.003557	Y
4	IC 860-123249/5	500.0	1.739762	50.0	835574.0	0.00348	Y
5	ICIS 860-123249/6	1000.0	3.709053	50.0	867580.0	0.003709	Y
6	IC 860-123249/7	2000.0	7.982449	50.0	881678.0	0.003991	Y
7	IC 860-123249/8	3000.0	11.545816	50.0	879613.0	0.003849	Y



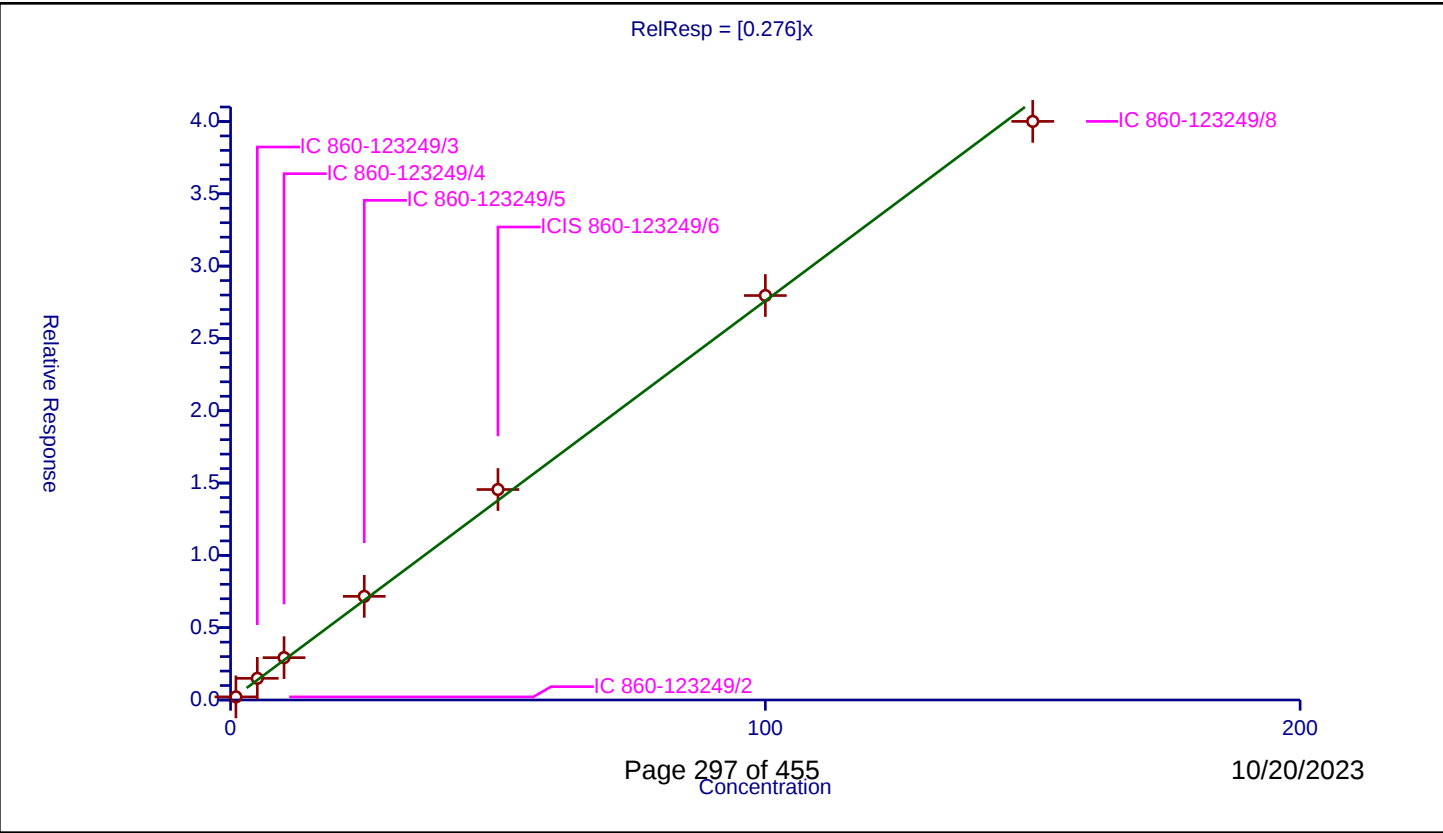
Calibration

/ 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:	0.276
Error Coefficients	
Standard Error:	370000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.21558	50.0	765146.0	0.21558	Y
2	IC 860-123249/3	5.0	1.498264	50.0	793685.0	0.299653	Y
3	IC 860-123249/4	10.0	2.927366	50.0	822036.0	0.292737	Y
4	IC 860-123249/5	25.0	7.16681	50.0	835574.0	0.286672	Y
5	ICIS 860-123249/6	50.0	14.552145	50.0	867580.0	0.291043	Y
6	IC 860-123249/7	100.0	27.966162	50.0	881678.0	0.279662	Y
7	IC 860-123249/8	150.0	40.006514	50.0	879613.0	0.26671	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

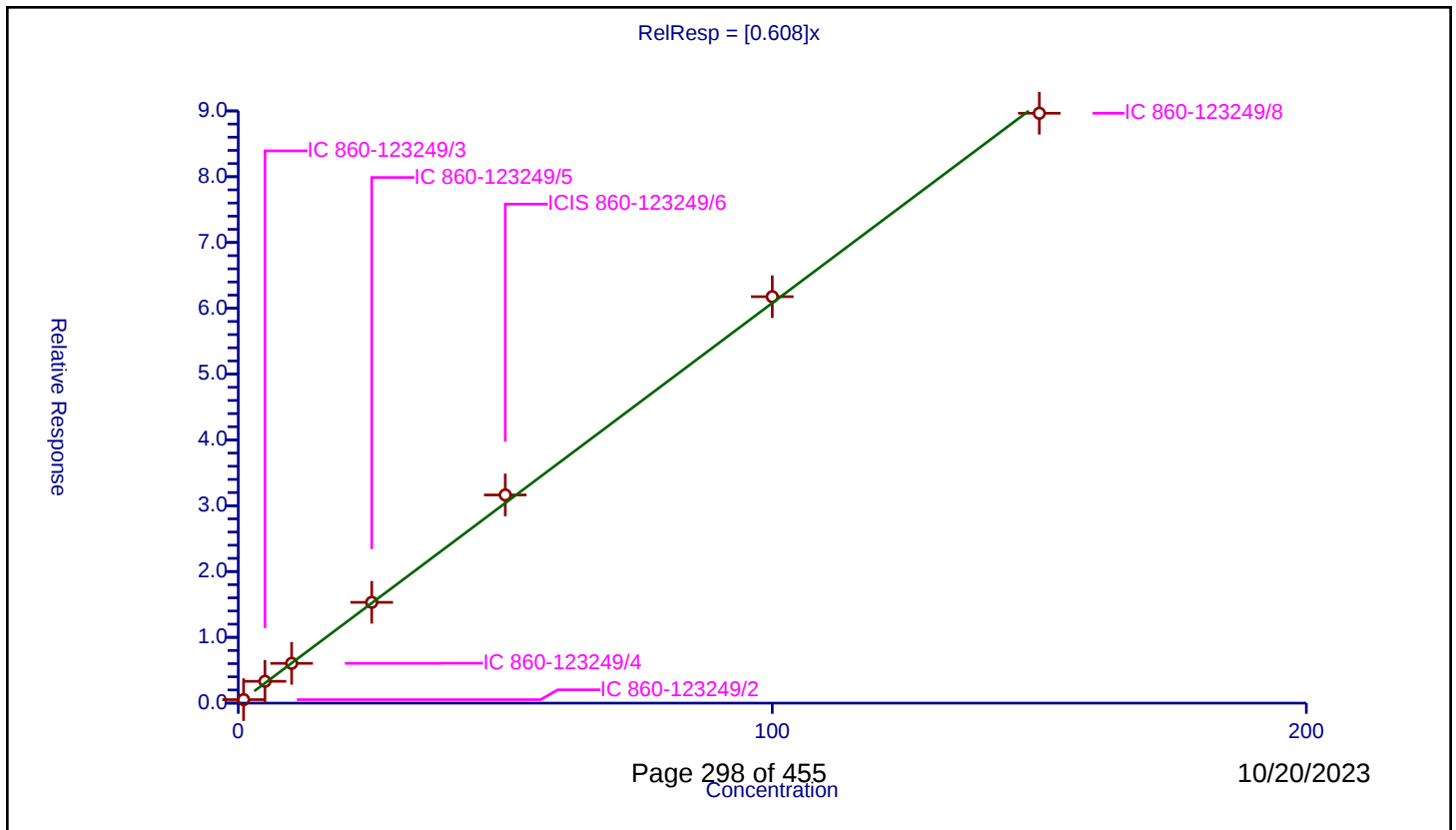
Curve Coefficients

Intercept: 0
Slope: 0.608

Error Coefficients

Standard Error: 822000
Relative Standard Error: 6.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.528004	50.0	765146.0	0.528004	Y
2	IC 860-123249/3	5.0	3.315988	50.0	793685.0	0.663198	Y
3	IC 860-123249/4	10.0	6.0442	50.0	822036.0	0.60442	Y
4	IC 860-123249/5	25.0	15.316776	50.0	835574.0	0.612671	Y
5	ICIS 860-123249/6	50.0	31.637025	50.0	867580.0	0.63274	Y
6	IC 860-123249/7	100.0	61.764896	50.0	881678.0	0.617649	Y
7	IC 860-123249/8	150.0	89.644196	50.0	879613.0	0.597628	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

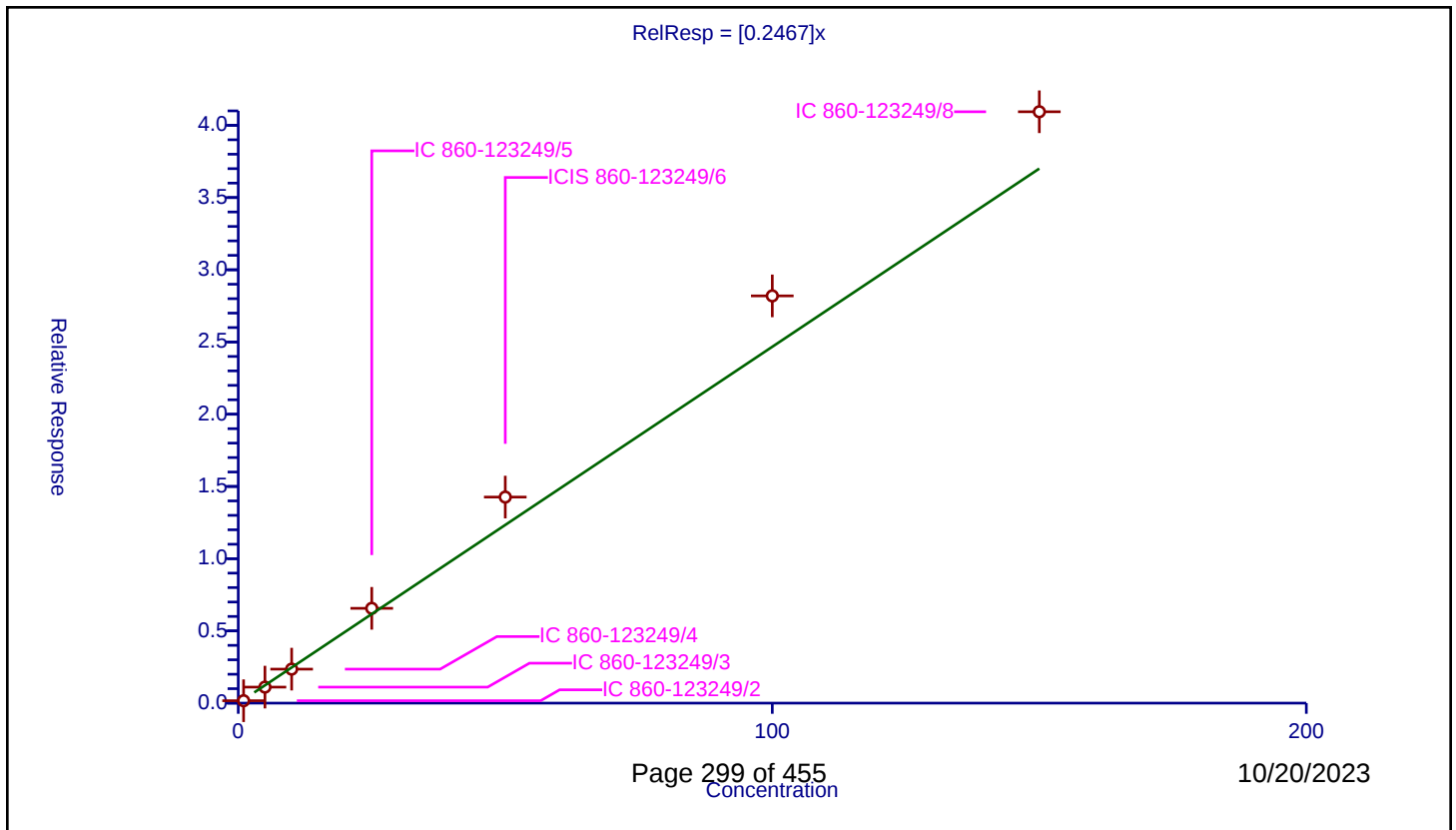
Curve Coefficients

Intercept: 0
Slope: 0.2467

Error Coefficients

Standard Error: 374000
Relative Standard Error: 17.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.166896	50.0	765146.0	0.166896	Y
2	IC 860-123249/3	5.0	1.109571	50.0	793685.0	0.221914	Y
3	IC 860-123249/4	10.0	2.354398	50.0	822036.0	0.23544	Y
4	IC 860-123249/5	25.0	6.562196	50.0	835574.0	0.262488	Y
5	ICIS 860-123249/6	50.0	14.265082	50.0	867580.0	0.285302	Y
6	IC 860-123249/7	100.0	28.192265	50.0	881678.0	0.281923	Y
7	IC 860-123249/8	150.0	40.939481	50.0	879613.0	0.27293	Y



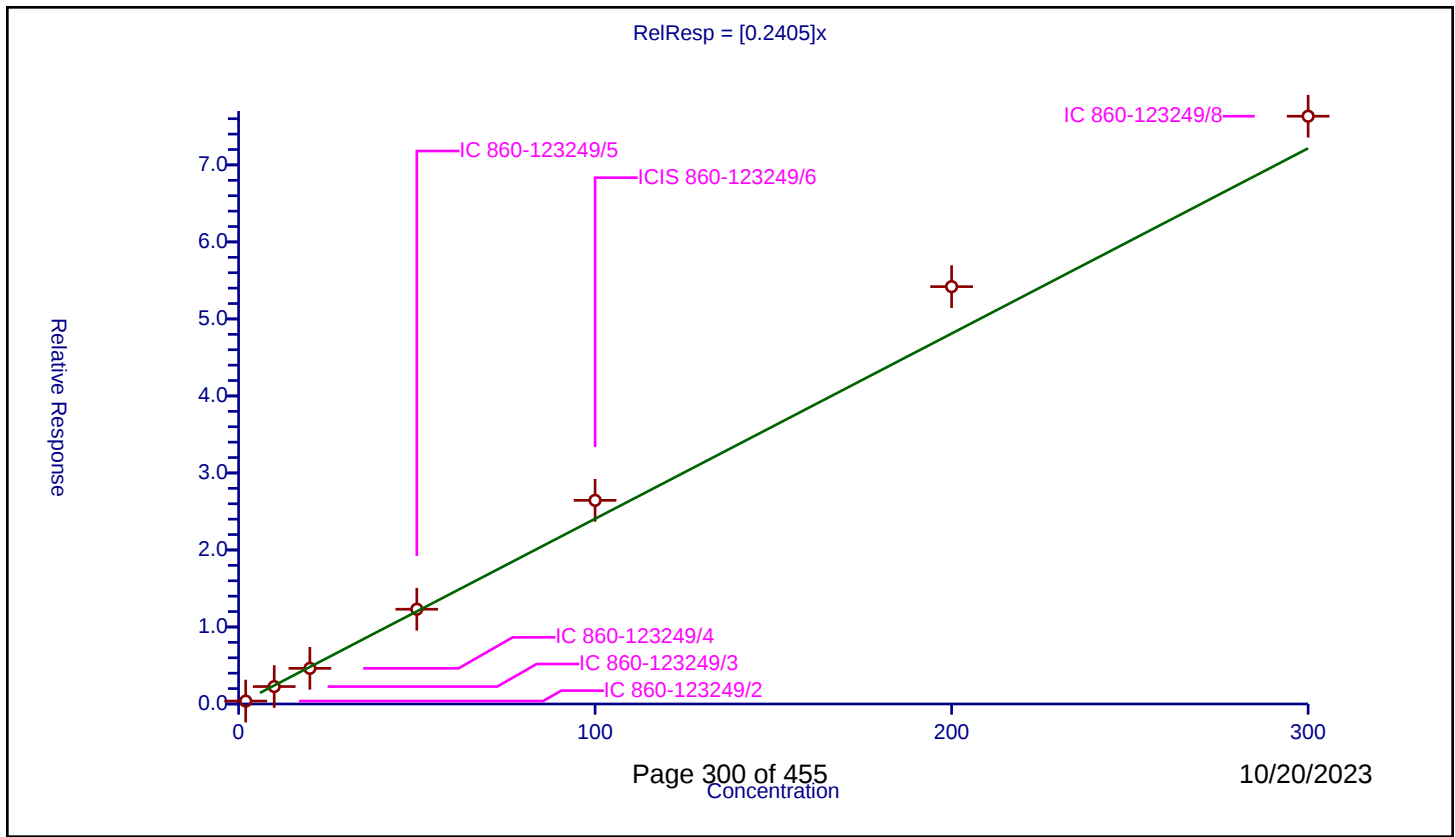
Calibration

/ 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:	0.2405
Error Coefficients	
Standard Error:	652000
Relative Standard Error:	11.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	2.0	0.379915	50.0	699762.0	0.189957	Y
2	IC 860-123249/3	10.0	2.263795	50.0	757224.0	0.22638	Y
3	IC 860-123249/4	20.0	4.626522	50.0	779484.0	0.231326	Y
4	IC 860-123249/5	50.0	12.306536	50.0	792331.0	0.246131	Y
5	ICIS 860-123249/6	100.0	26.444099	50.0	830085.0	0.264441	Y
6	IC 860-123249/7	200.0	54.19535	50.0	803735.0	0.270977	Y
7	IC 860-123249/8	300.0	76.323936	50.0	816637.0	0.254413	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

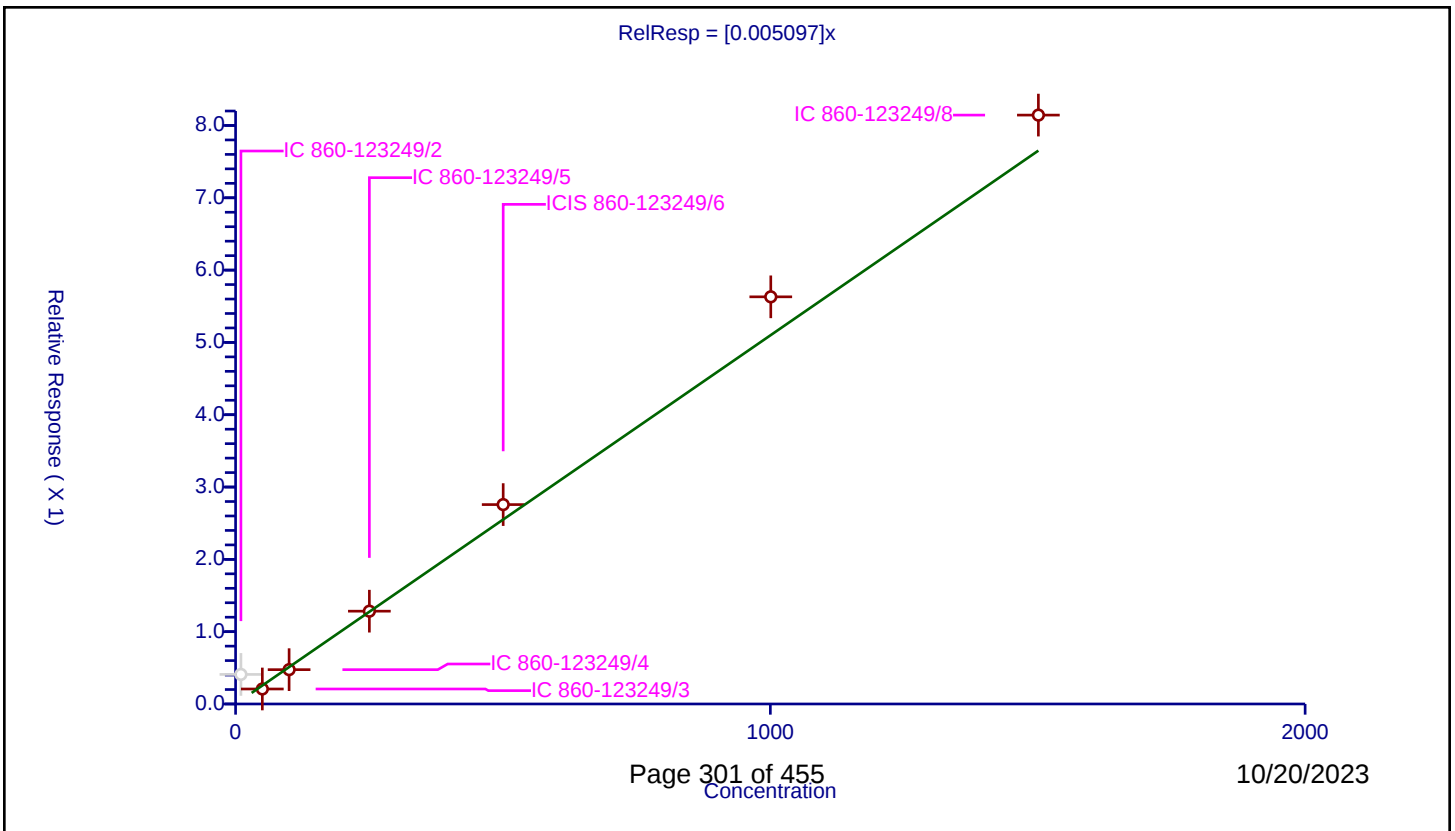
Curve Coefficients

Intercept: 0
Slope: 0.005097

Error Coefficients

Standard Error: 81500
Relative Standard Error: 11.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	10.00818	0.408811	50.0	765146.0	0.040848	N
2	IC 860-123249/3	50.0409	0.207576	50.0	793685.0	0.004148	Y
3	IC 860-123249/4	100.0818	0.474918	50.0	822036.0	0.004745	Y
4	IC 860-123249/5	250.2045	1.283429	50.0	835574.0	0.00513	Y
5	ICIS 860-123249/6	500.409	2.757498	50.0	867580.0	0.00551	Y
6	IC 860-123249/7	1000.818	5.630344	50.0	881678.0	0.005626	Y
7	IC 860-123249/8	1501.227	8.143638	50.0	879613.0	0.005425	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

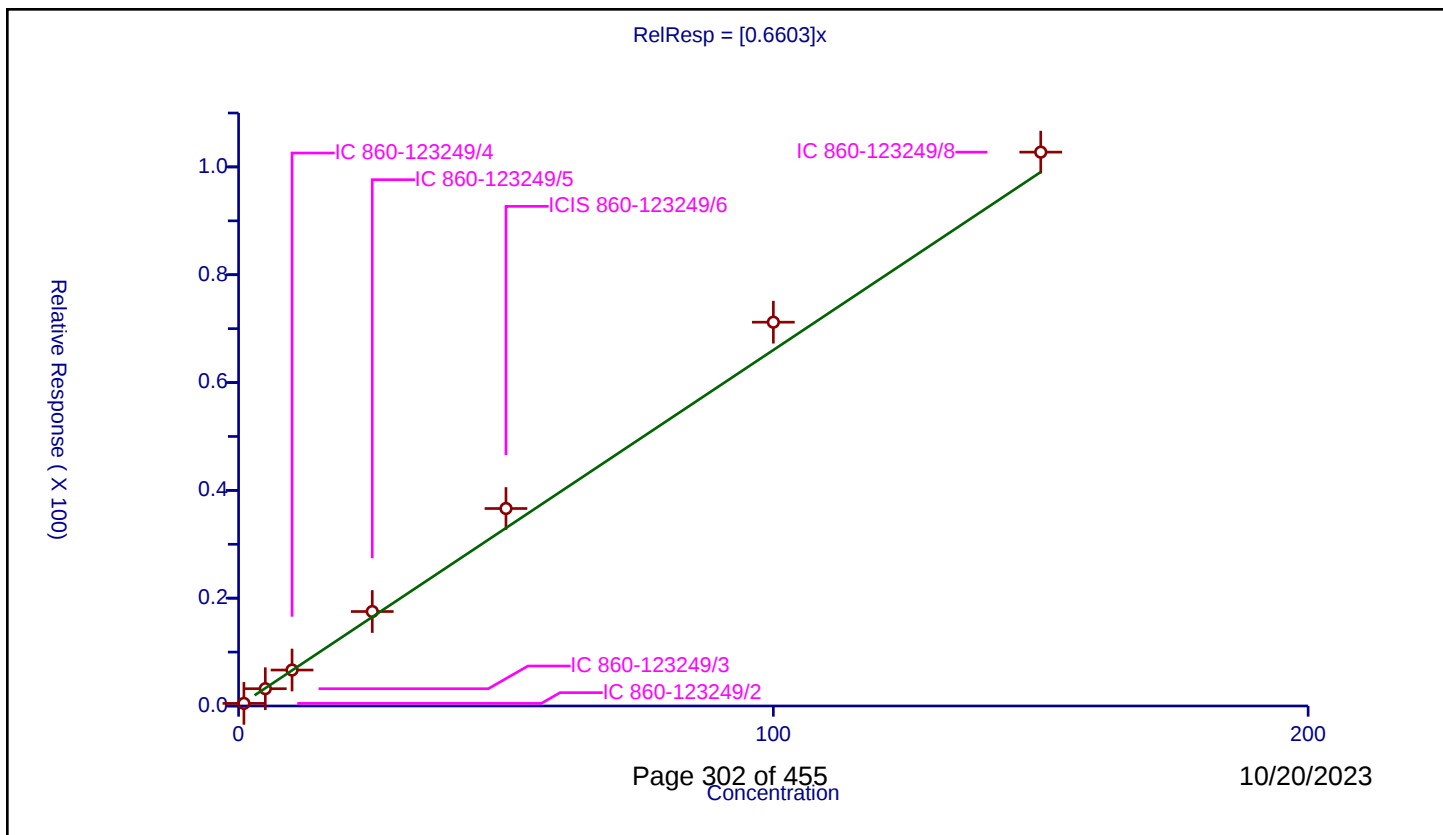
Curve Coefficients

Intercept: 0
Slope: 0.6603

Error Coefficients

Standard Error: 944000
Relative Standard Error: 12.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.483699	50.0	765146.0	0.483699	Y
2	IC 860-123249/3	5.0	3.205869	50.0	793685.0	0.641174	Y
3	IC 860-123249/4	10.0	6.670085	50.0	822036.0	0.667009	Y
4	IC 860-123249/5	25.0	17.521728	50.0	835574.0	0.700869	Y
5	ICIS 860-123249/6	50.0	36.633797	50.0	867580.0	0.732676	Y
6	IC 860-123249/7	100.0	71.199179	50.0	881678.0	0.711992	Y
7	IC 860-123249/8	150.0	102.742115	50.0	879613.0	0.684947	Y



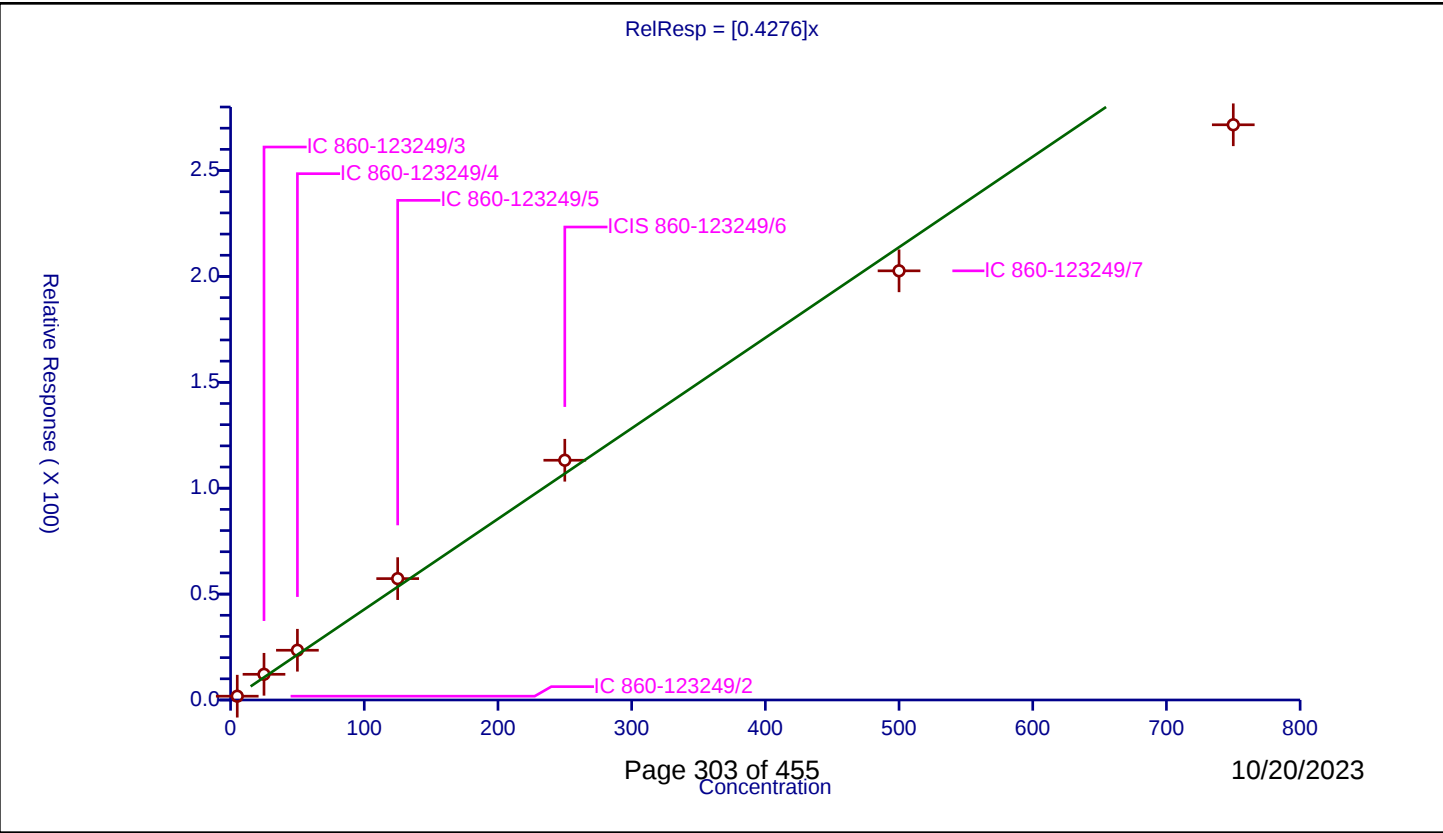
Calibration

/ 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:	0.4276
Error Coefficients	
Standard Error:	2600000
Relative Standard Error:	12.1
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	5.0	1.796716	50.0	765146.0	0.359343	Y
2	IC 860-123249/3	25.0	12.129812	50.0	793685.0	0.485192	Y
3	IC 860-123249/4	50.0	23.487353	50.0	822036.0	0.469747	Y
4	IC 860-123249/5	125.0	57.306474	50.0	835574.0	0.458452	Y
5	ICIS 860-123249/6	250.0	113.207831	50.0	867580.0	0.452831	Y
6	IC 860-123249/7	500.0	202.653066	50.0	881678.0	0.405306	Y
7	IC 860-123249/8	750.0	271.61496	50.0	879613.0	0.362153	Y



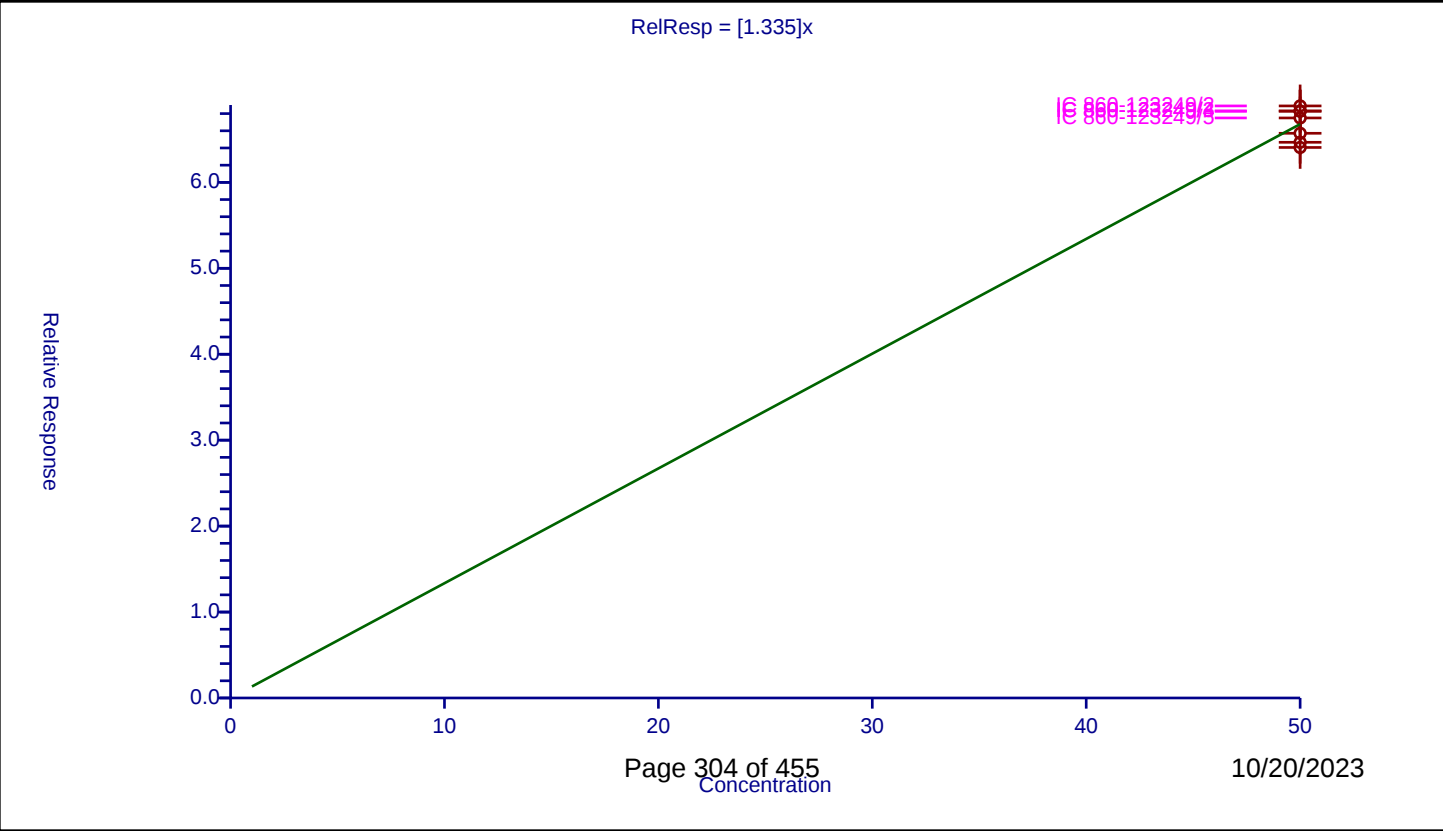
Calibration

/ 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:	1.335
Error Coefficients	
Standard Error:	1130000
Relative Standard Error:	2.9
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	50.0	68.893424	50.0	699762.0	1.377868	Y
2	IC 860-123249/3	50.0	68.270221	50.0	757224.0	1.365404	Y
3	IC 860-123249/4	50.0	68.317951	50.0	779484.0	1.366359	Y
4	IC 860-123249/5	50.0	67.494519	50.0	792331.0	1.34989	Y
5	ICIS 860-123249/6	50.0	64.661511	50.0	830085.0	1.29323	Y
6	IC 860-123249/7	50.0	65.709967	50.0	803735.0	1.314199	Y
7	IC 860-123249/8	50.0	64.061511	50.0	816637.0	1.28123	Y



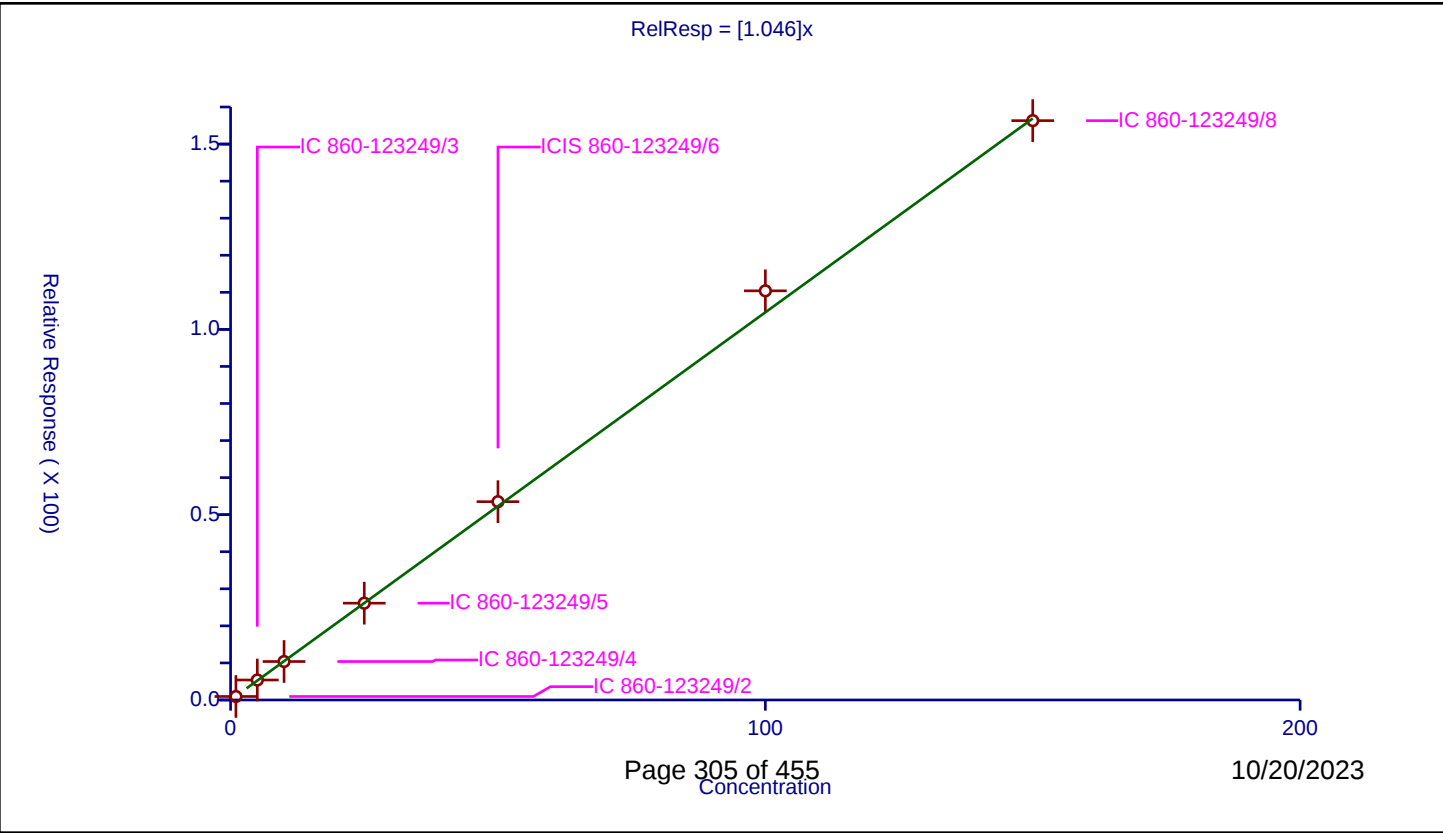
Calibration

/ 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:	1.046
Error Coefficients	
Standard Error:	1330000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.944035	50.0	699762.0	0.944035	Y
2	IC 860-123249/3	5.0	5.392856	50.0	757224.0	1.078571	Y
3	IC 860-123249/4	10.0	10.380778	50.0	779484.0	1.038078	Y
4	IC 860-123249/5	25.0	26.122858	50.0	792331.0	1.044914	Y
5	ICIS 860-123249/6	50.0	53.507593	50.0	830085.0	1.070152	Y
6	IC 860-123249/7	100.0	110.398701	50.0	803735.0	1.103987	Y
7	IC 860-123249/8	150.0	156.324169	50.0	816637.0	1.042161	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

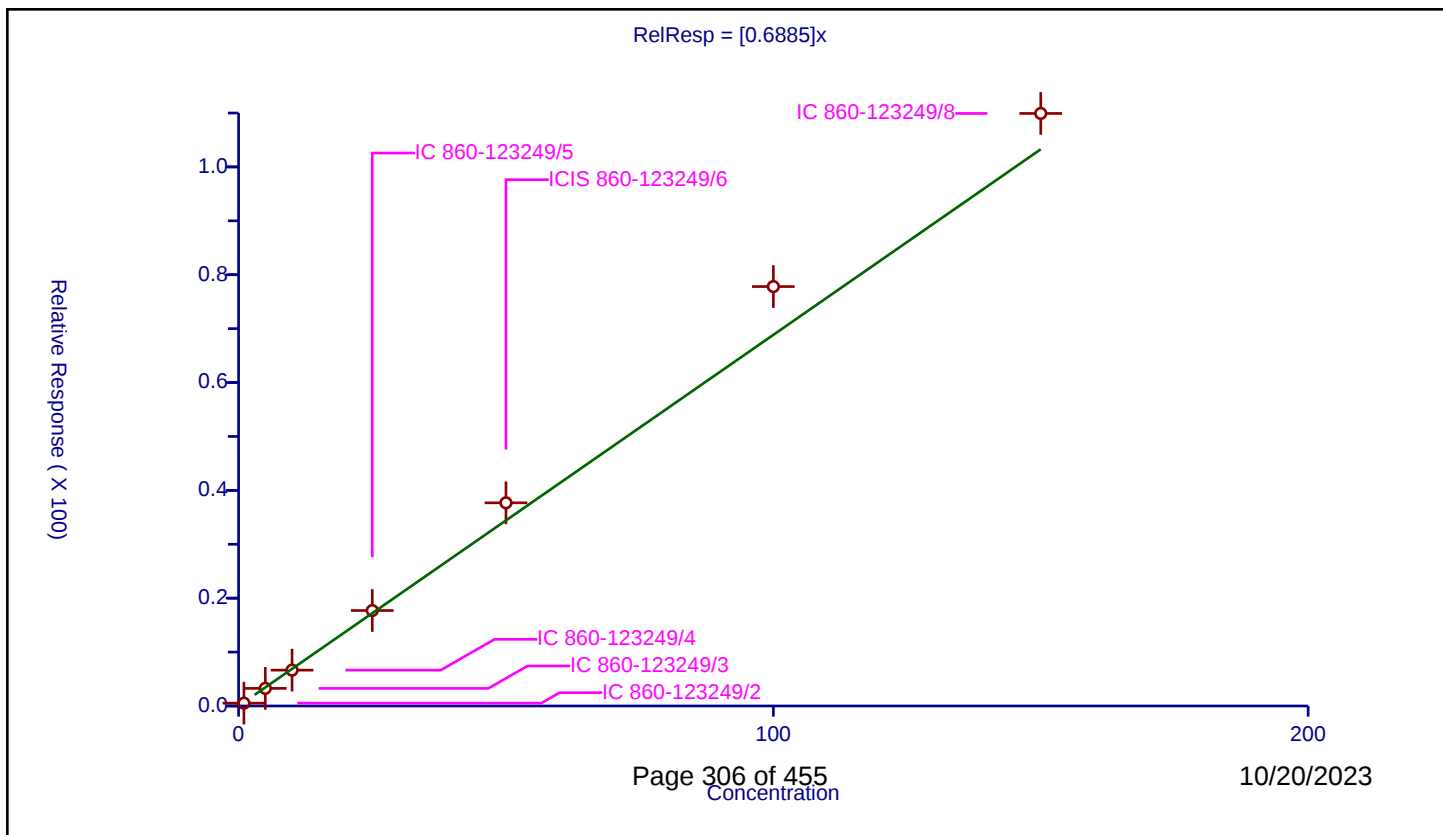
Curve Coefficients

Intercept: 0
Slope: 0.6885

Error Coefficients

Standard Error: 937000
Relative Standard Error: 12.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.527822	50.0	699762.0	0.527822	Y
2	IC 860-123249/3	5.0	3.267395	50.0	757224.0	0.653479	Y
3	IC 860-123249/4	10.0	6.649976	50.0	779484.0	0.664998	Y
4	IC 860-123249/5	25.0	17.707877	50.0	792331.0	0.708315	Y
5	ICIS 860-123249/6	50.0	37.689032	50.0	830085.0	0.753781	Y
6	IC 860-123249/7	100.0	77.808419	50.0	803735.0	0.778084	Y
7	IC 860-123249/8	150.0	109.918973	50.0	816637.0	0.732793	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

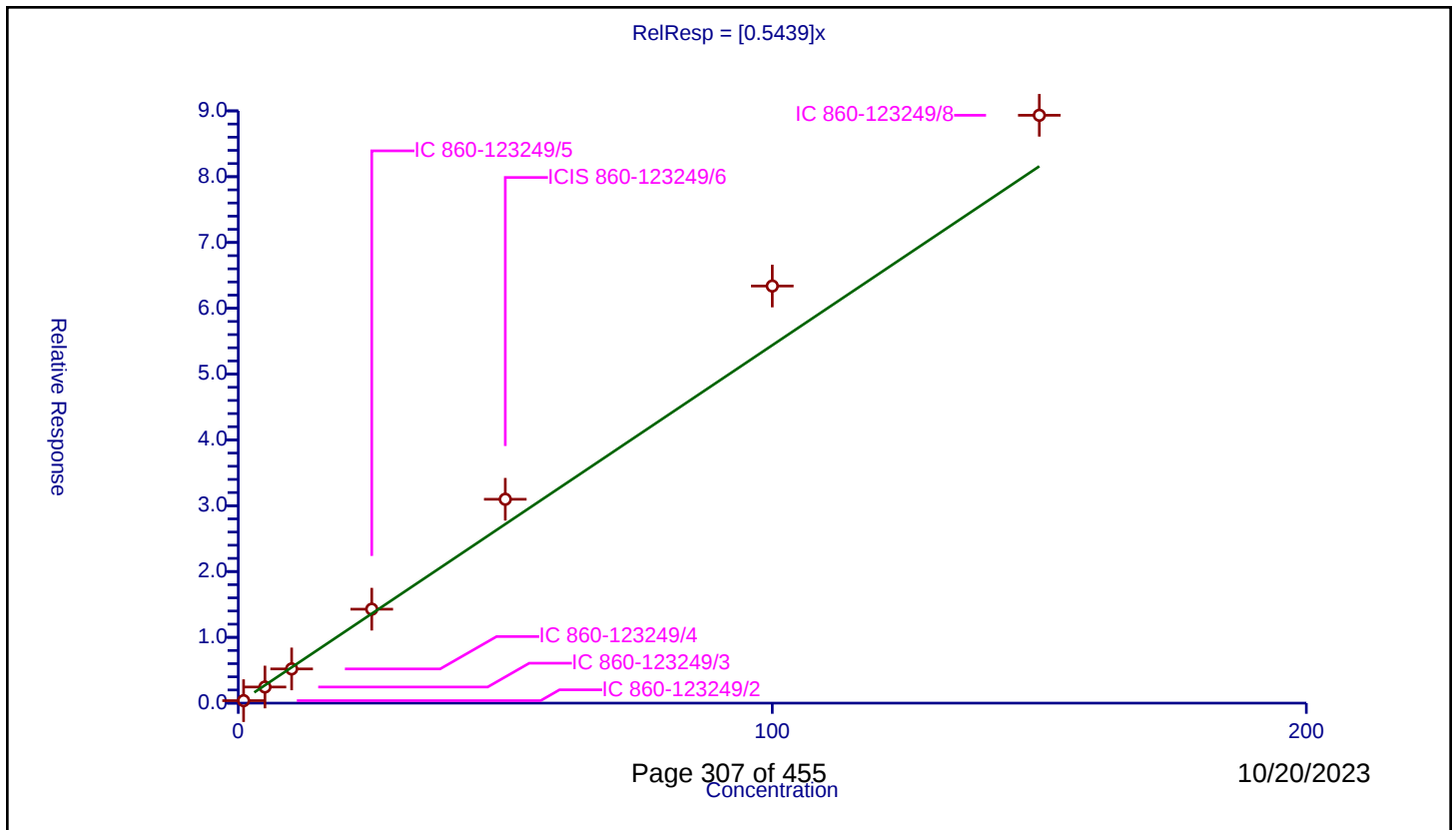
Curve Coefficients

Intercept: 0
Slope: 0.5439

Error Coefficients

Standard Error: 763000
Relative Standard Error: 16.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.376842	50.0	699762.0	0.376842	Y
2	IC 860-123249/3	5.0	2.45053	50.0	757224.0	0.490106	Y
3	IC 860-123249/4	10.0	5.199658	50.0	779484.0	0.519966	Y
4	IC 860-123249/5	25.0	14.277745	50.0	792331.0	0.57111	Y
5	ICIS 860-123249/6	50.0	30.98255	50.0	830085.0	0.619651	Y
6	IC 860-123249/7	100.0	63.385258	50.0	803735.0	0.633853	Y
7	IC 860-123249/8	150.0	89.333327	50.0	816637.0	0.595556	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

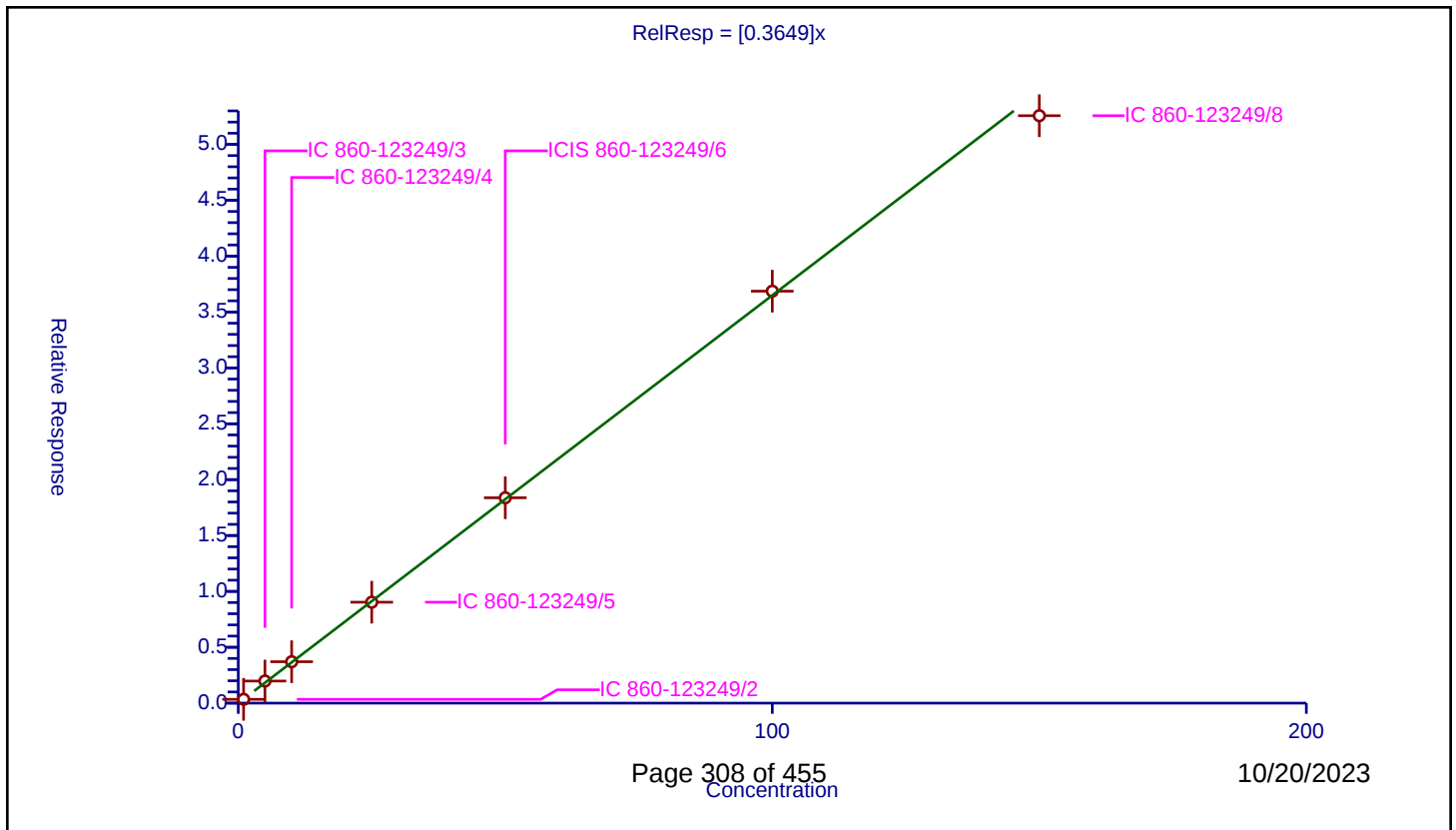
Curve Coefficients

Intercept: 0
Slope: 0.3649

Error Coefficients

Standard Error: 448000
Relative Standard Error: 4.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.340401	50.0	699762.0	0.340401	Y
2	IC 860-123249/3	5.0	1.978146	50.0	757224.0	0.395629	Y
3	IC 860-123249/4	10.0	3.705528	50.0	779484.0	0.370553	Y
4	IC 860-123249/5	25.0	9.031958	50.0	792331.0	0.361278	Y
5	ICIS 860-123249/6	50.0	18.376973	50.0	830085.0	0.367539	Y
6	IC 860-123249/7	100.0	36.866318	50.0	803735.0	0.368663	Y
7	IC 860-123249/8	150.0	52.568644	50.0	816637.0	0.350458	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

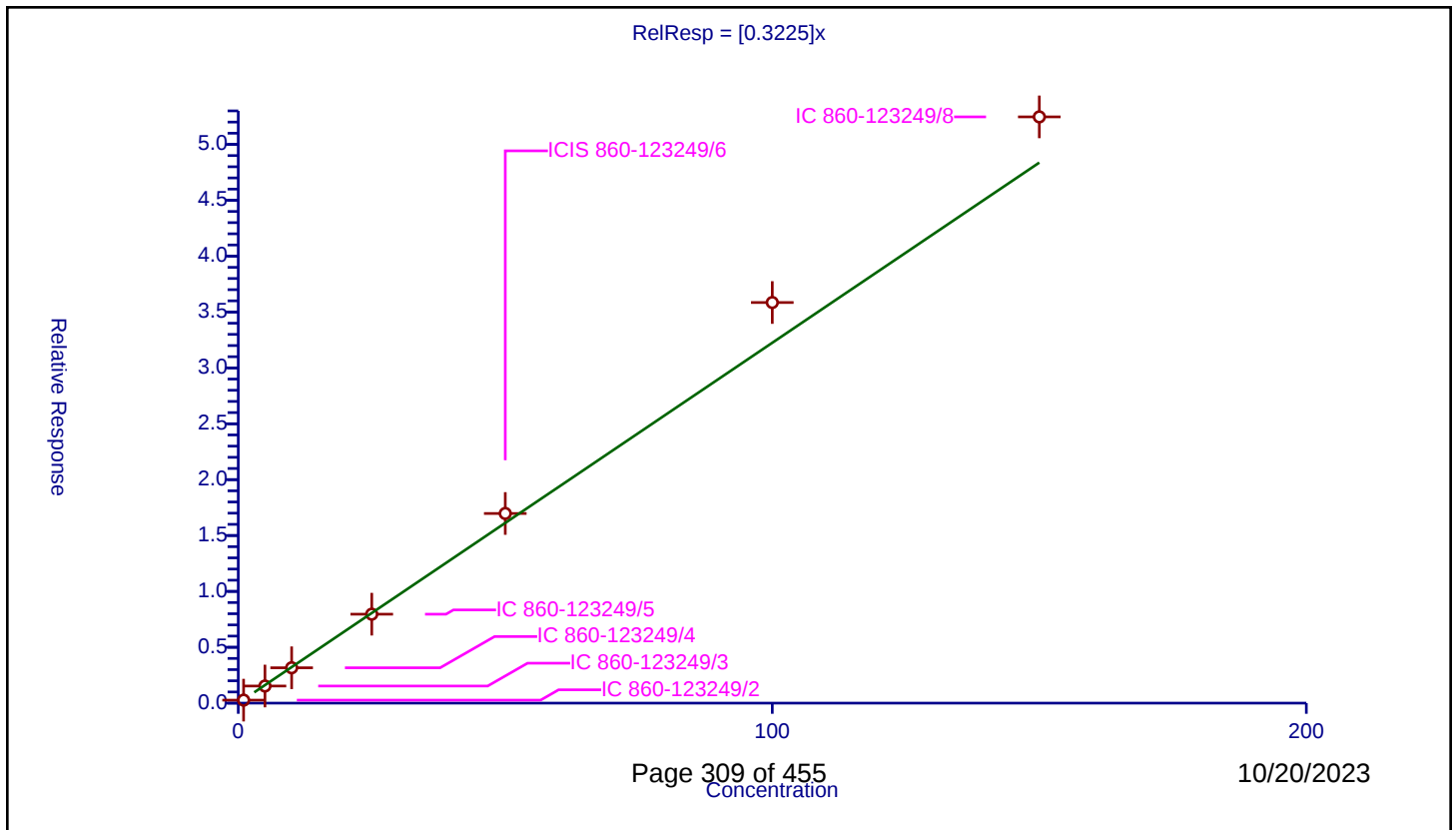
Curve Coefficients

Intercept: 0
Slope: 0.3225

Error Coefficients

Standard Error: 441000
Relative Standard Error: 9.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.268377	50.0	699762.0	0.268377	Y
2	IC 860-123249/3	5.0	1.531647	50.0	757224.0	0.306329	Y
3	IC 860-123249/4	10.0	3.165235	50.0	779484.0	0.316523	Y
4	IC 860-123249/5	25.0	7.960751	50.0	792331.0	0.31843	Y
5	ICIS 860-123249/6	50.0	16.971937	50.0	830085.0	0.339439	Y
6	IC 860-123249/7	100.0	35.850063	50.0	803735.0	0.358501	Y
7	IC 860-123249/8	150.0	52.463089	50.0	816637.0	0.349754	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

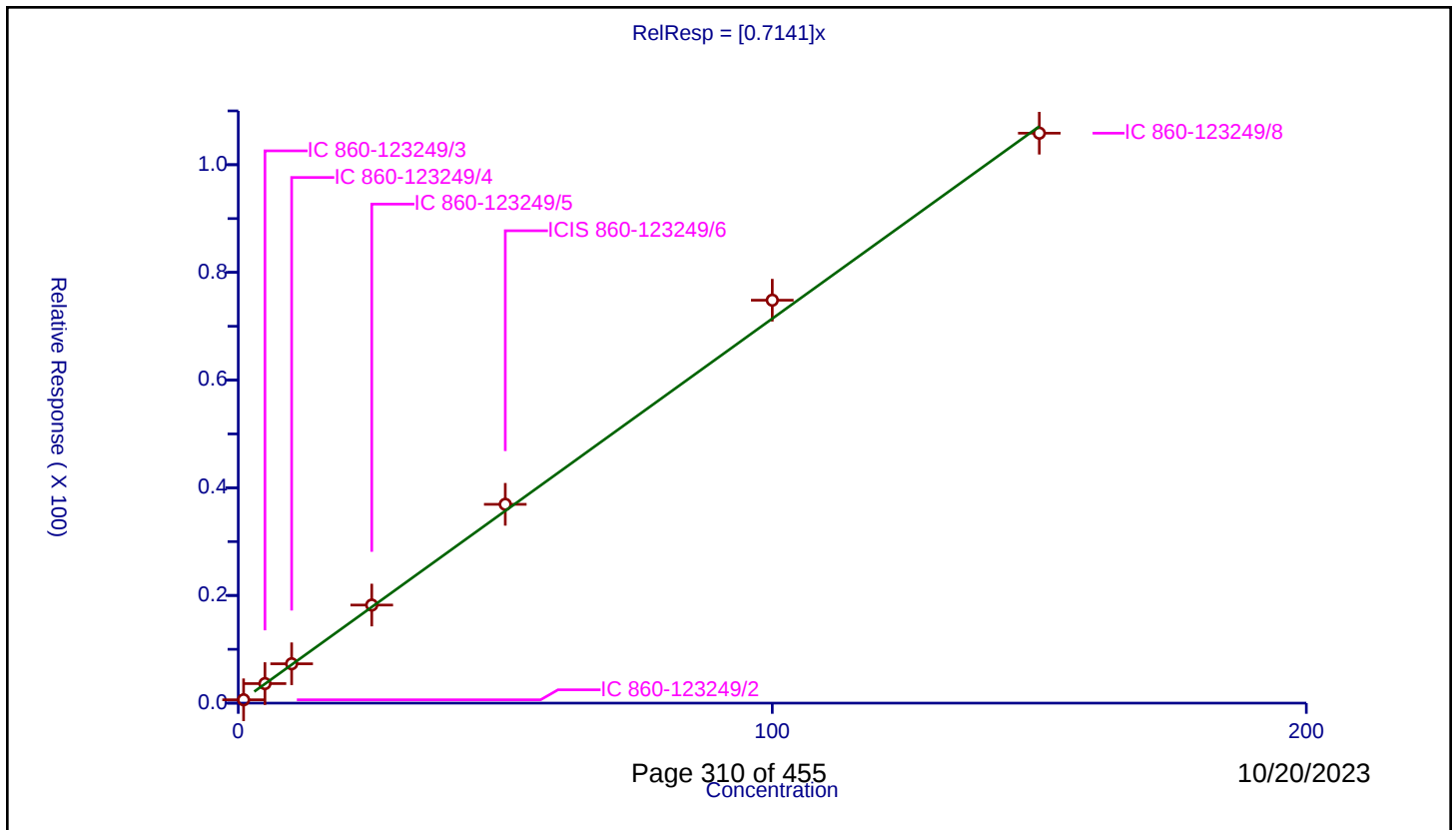
Curve Coefficients

Intercept: 0
Slope: 0.7141

Error Coefficients

Standard Error: 905000
Relative Standard Error: 6.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.620854	50.0	699762.0	0.620854	Y
2	IC 860-123249/3	5.0	3.628913	50.0	757224.0	0.725783	Y
3	IC 860-123249/4	10.0	7.311247	50.0	779484.0	0.731125	Y
4	IC 860-123249/5	25.0	18.214736	50.0	792331.0	0.728589	Y
5	ICIS 860-123249/6	50.0	36.927845	50.0	830085.0	0.738557	Y
6	IC 860-123249/7	100.0	74.838348	50.0	803735.0	0.748383	Y
7	IC 860-123249/8	150.0	105.859764	50.0	816637.0	0.705732	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

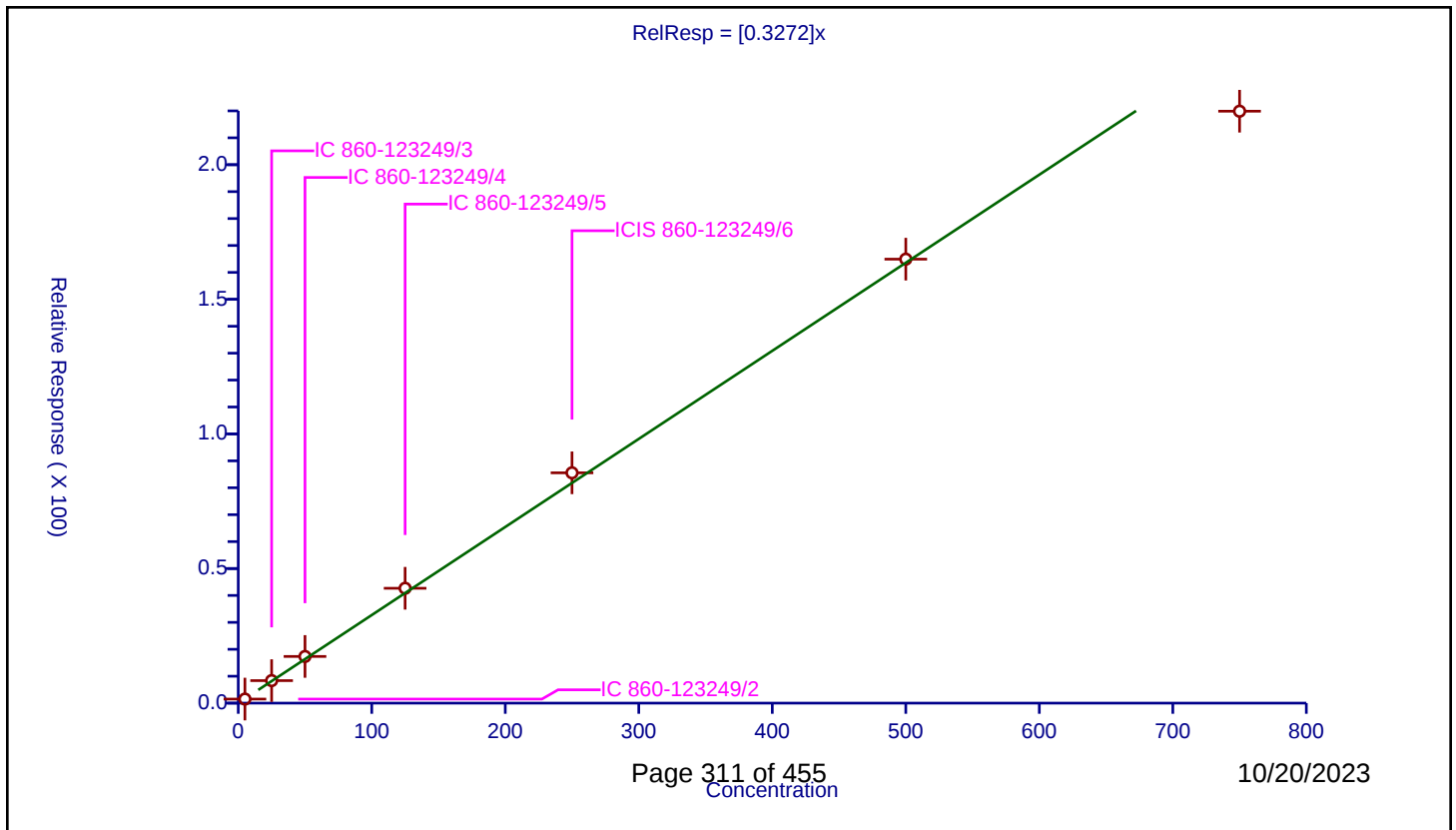
Curve Coefficients

Intercept: 0
Slope: 0.3272

Error Coefficients

Standard Error: 1940000
Relative Standard Error: 6.4
Correlation Coefficient: 0.994
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	5.0	1.510228	50.0	699762.0	0.302046	Y
2	IC 860-123249/3	25.0	8.368131	50.0	757224.0	0.334725	Y
3	IC 860-123249/4	50.0	17.339419	50.0	779484.0	0.346788	Y
4	IC 860-123249/5	125.0	42.664051	50.0	792331.0	0.341312	Y
5	ICIS 860-123249/6	250.0	85.550697	50.0	830085.0	0.342203	Y
6	IC 860-123249/7	500.0	164.920216	50.0	803735.0	0.32984	Y
7	IC 860-123249/8	750.0	219.876885	50.0	816637.0	0.293169	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

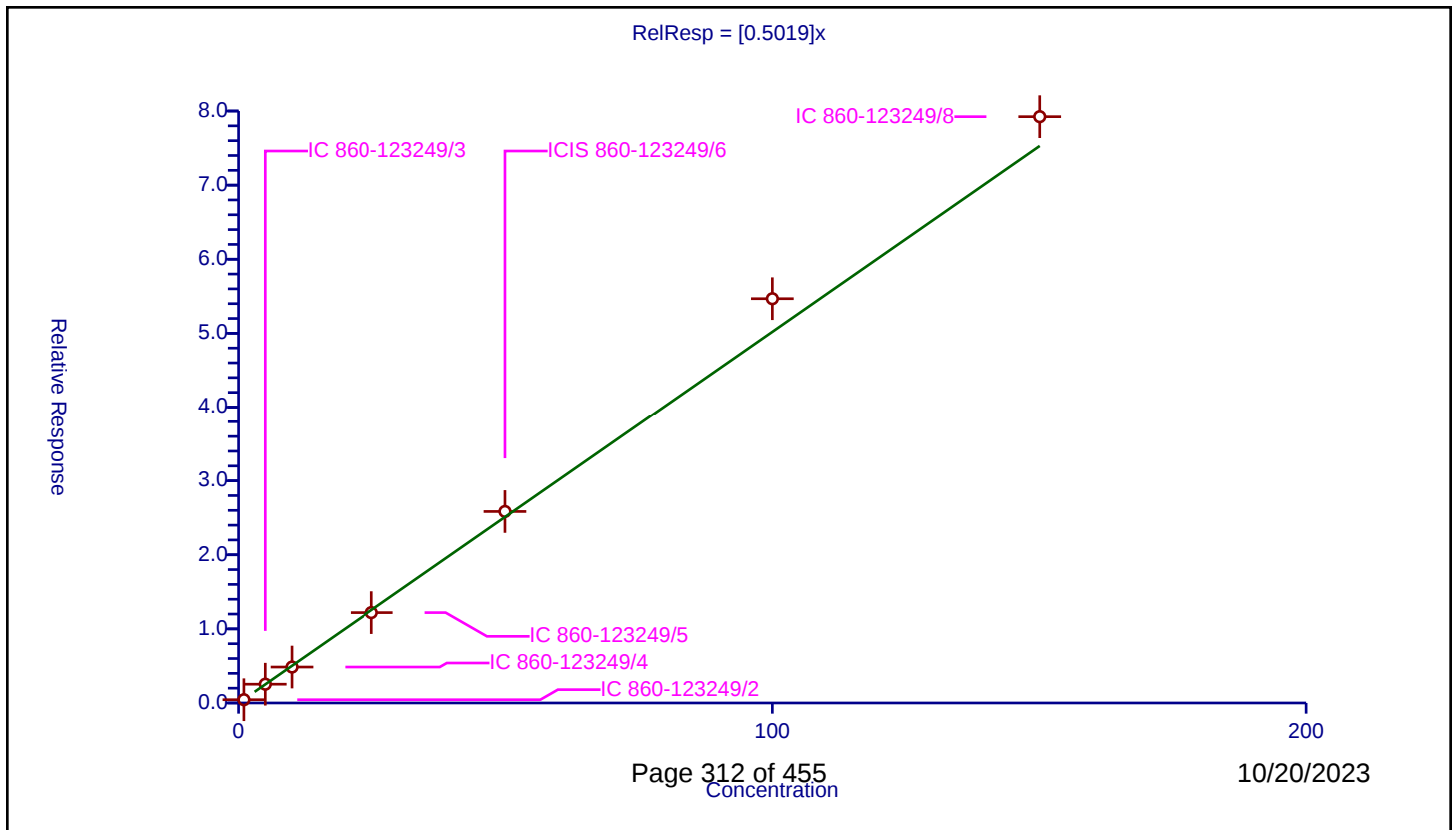
Curve Coefficients

Intercept: 0
Slope: 0.5019

Error Coefficients

Standard Error: 668000
Relative Standard Error: 6.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.441793	50.0	699762.0	0.441793	Y
2	IC 860-123249/3	5.0	2.535049	50.0	757224.0	0.50701	Y
3	IC 860-123249/4	10.0	4.850837	50.0	779484.0	0.485084	Y
4	IC 860-123249/5	25.0	12.193389	50.0	792331.0	0.487736	Y
5	ICIS 860-123249/6	50.0	25.845666	50.0	830085.0	0.516913	Y
6	IC 860-123249/7	100.0	54.671627	50.0	803735.0	0.546716	Y
7	IC 860-123249/8	150.0	79.236613	50.0	816637.0	0.528244	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

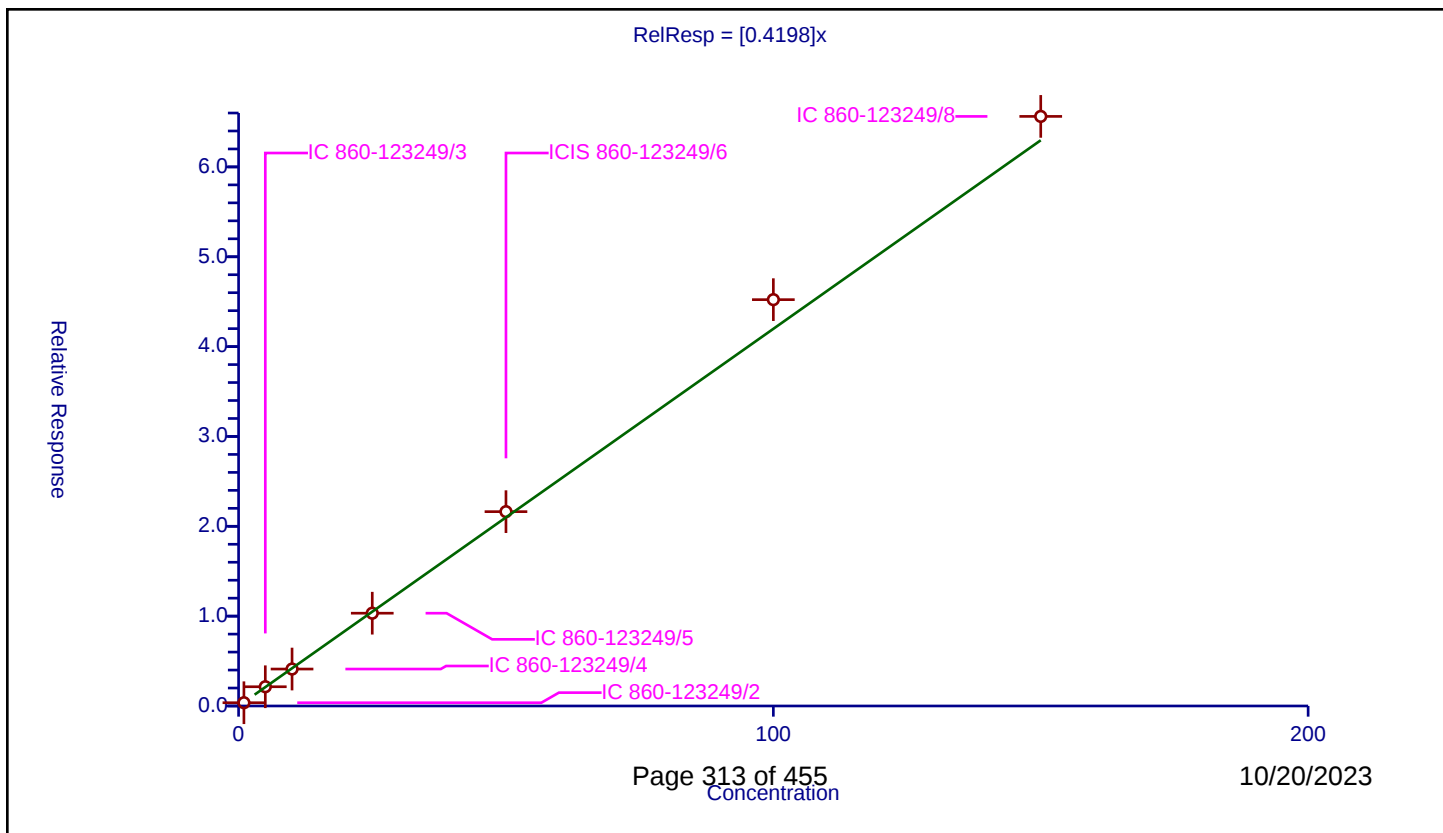
Curve Coefficients

Intercept: 0
Slope: 0.4198

Error Coefficients

Standard Error: 553000
Relative Standard Error: 6.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.363266	50.0	699762.0	0.363266	Y
2	IC 860-123249/3	5.0	2.142497	50.0	757224.0	0.428499	Y
3	IC 860-123249/4	10.0	4.1124	50.0	779484.0	0.41124	Y
4	IC 860-123249/5	25.0	10.328385	50.0	792331.0	0.413135	Y
5	ICIS 860-123249/6	50.0	21.629472	50.0	830085.0	0.432589	Y
6	IC 860-123249/7	100.0	45.227718	50.0	803735.0	0.452277	Y
7	IC 860-123249/8	150.0	65.622976	50.0	816637.0	0.437487	Y



Calibration

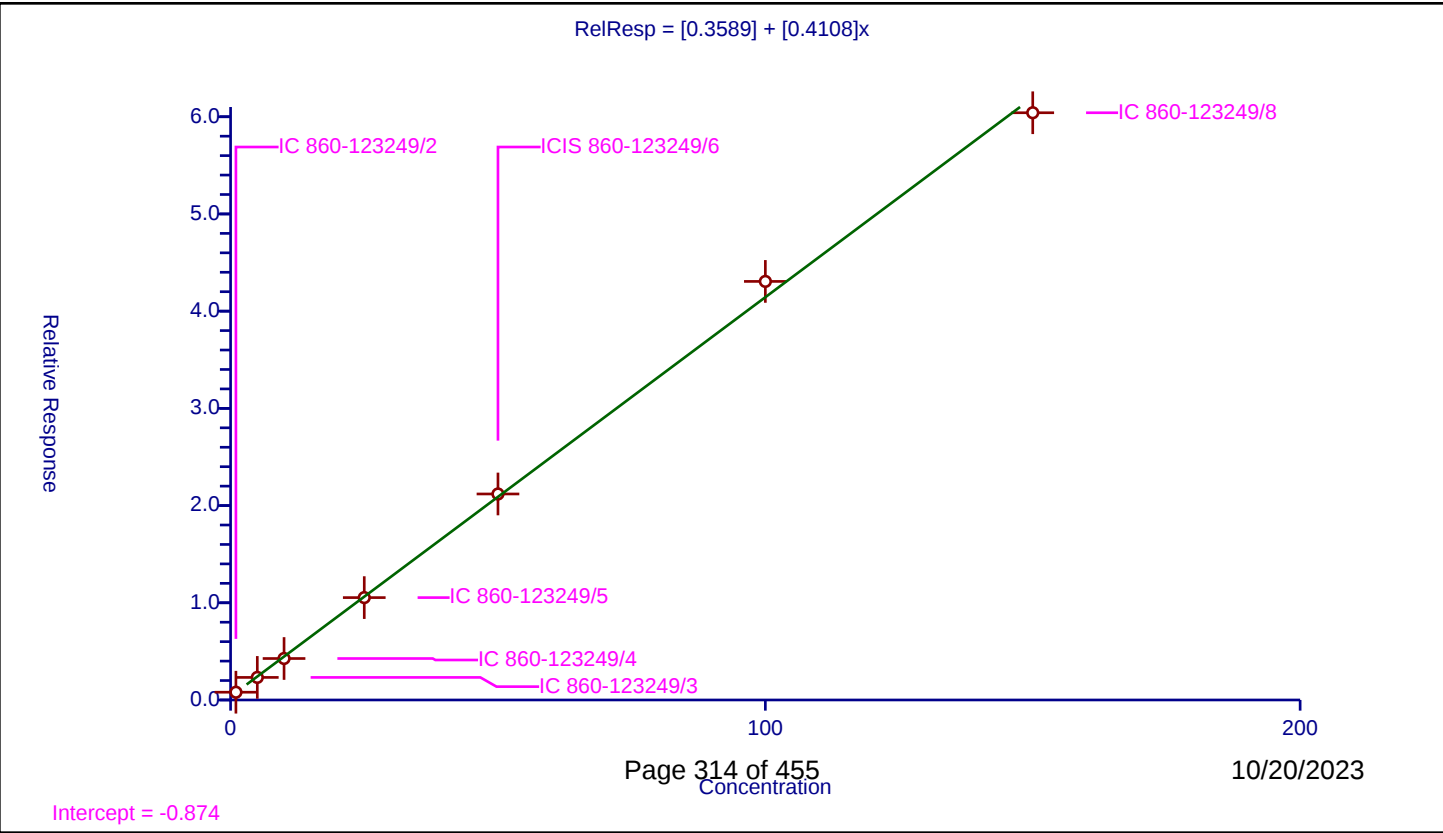
/ 1-Chlorohexane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0.3589
Slope:	0.4108

Error Coefficients	
Standard Error:	567000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.799843	50.0	699762.0	0.799843	Y
2	IC 860-123249/3	5.0	2.321968	50.0	757224.0	0.464394	Y
3	IC 860-123249/4	10.0	4.267952	50.0	779484.0	0.426795	Y
4	IC 860-123249/5	25.0	10.531457	50.0	792331.0	0.421258	Y
5	ICIS 860-123249/6	50.0	21.191926	50.0	830085.0	0.423839	Y
6	IC 860-123249/7	100.0	43.058844	50.0	803735.0	0.430588	Y
7	IC 860-123249/8	150.0	60.410501	50.0	816637.0	0.402737	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

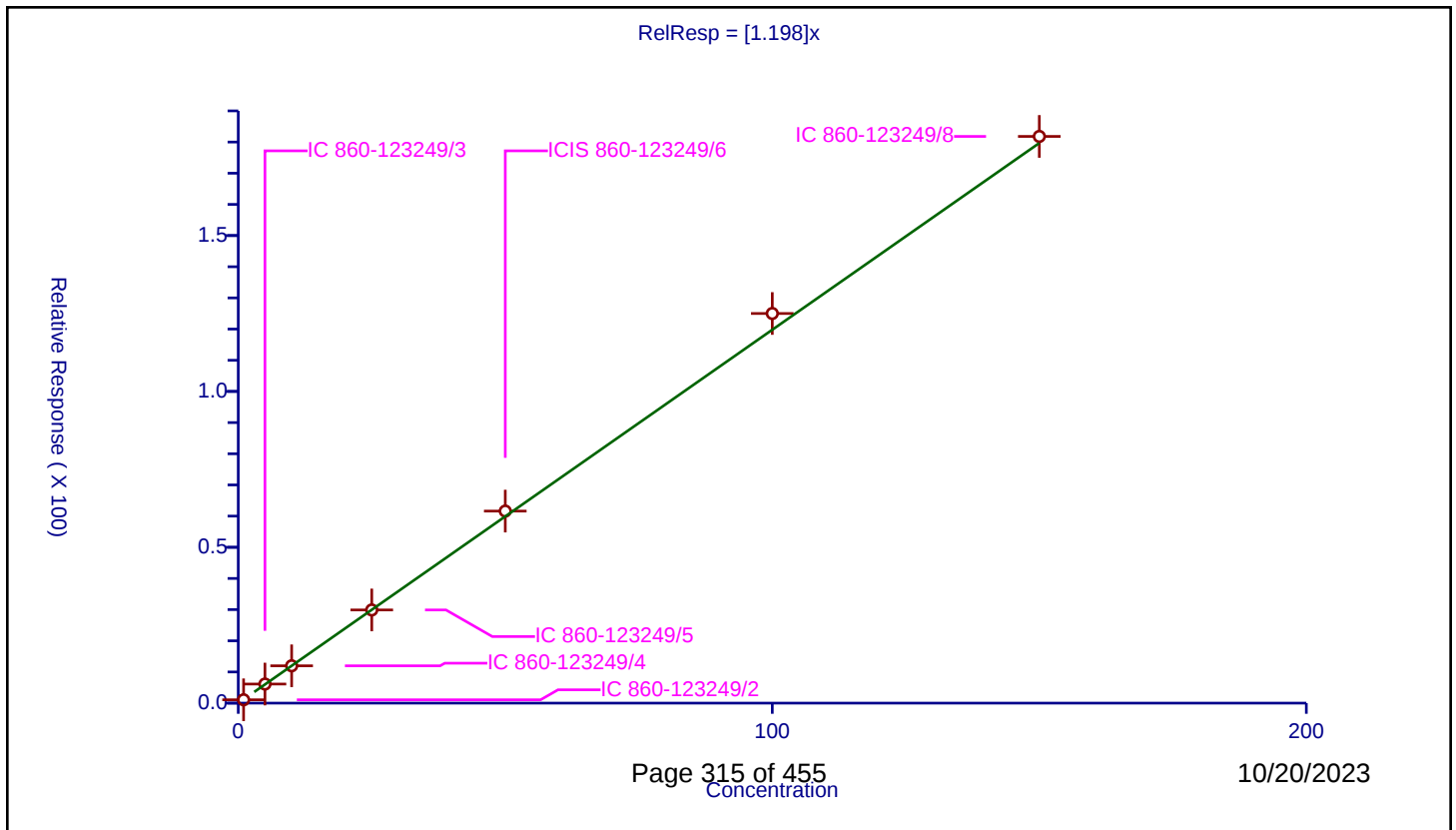
Curve Coefficients

Intercept: 0
Slope: 1.198

Error Coefficients

Standard Error: 1540000
Relative Standard Error: 4.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.072722	50.0	699762.0	1.072722	Y
2	IC 860-123249/3	5.0	6.125334	50.0	757224.0	1.225067	Y
3	IC 860-123249/4	10.0	11.971638	50.0	779484.0	1.197164	Y
4	IC 860-123249/5	25.0	29.894072	50.0	792331.0	1.195763	Y
5	ICIS 860-123249/6	50.0	61.612847	50.0	830085.0	1.232257	Y
6	IC 860-123249/7	100.0	125.00563	50.0	803735.0	1.250056	Y
7	IC 860-123249/8	150.0	181.801523	50.0	816637.0	1.21201	Y



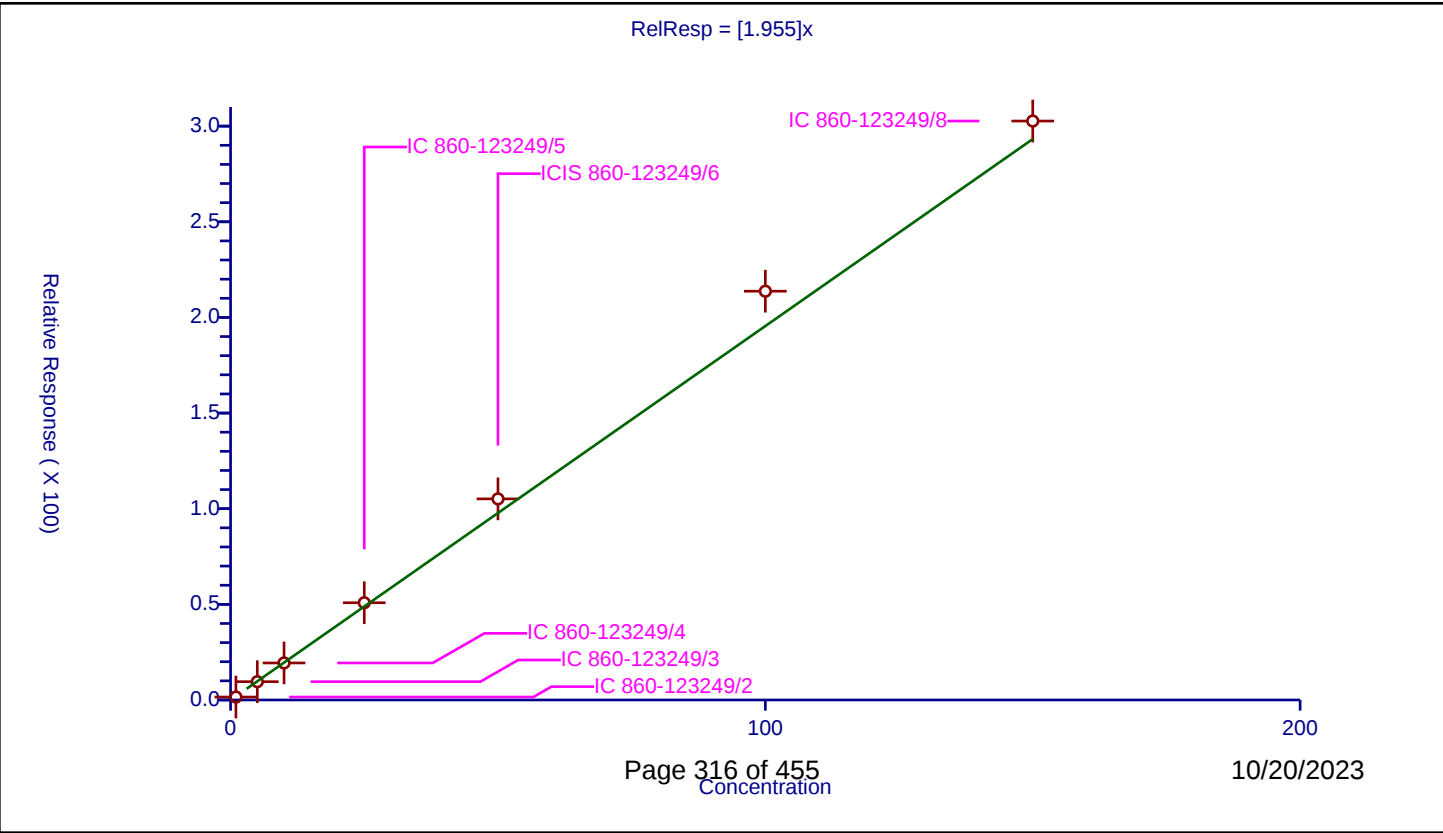
Calibration

/ 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:	1.955
Error Coefficients	
Standard Error:	2580000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.542167	50.0	699762.0	1.542167	Y
2	IC 860-123249/3	5.0	9.577285	50.0	757224.0	1.915457	Y
3	IC 860-123249/4	10.0	19.350173	50.0	779484.0	1.935017	Y
4	IC 860-123249/5	25.0	50.839106	50.0	792331.0	2.033564	Y
5	ICIS 860-123249/6	50.0	105.14116	50.0	830085.0	2.102823	Y
6	IC 860-123249/7	100.0	213.707503	50.0	803735.0	2.137075	Y
7	IC 860-123249/8	150.0	302.670342	50.0	816637.0	2.017802	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

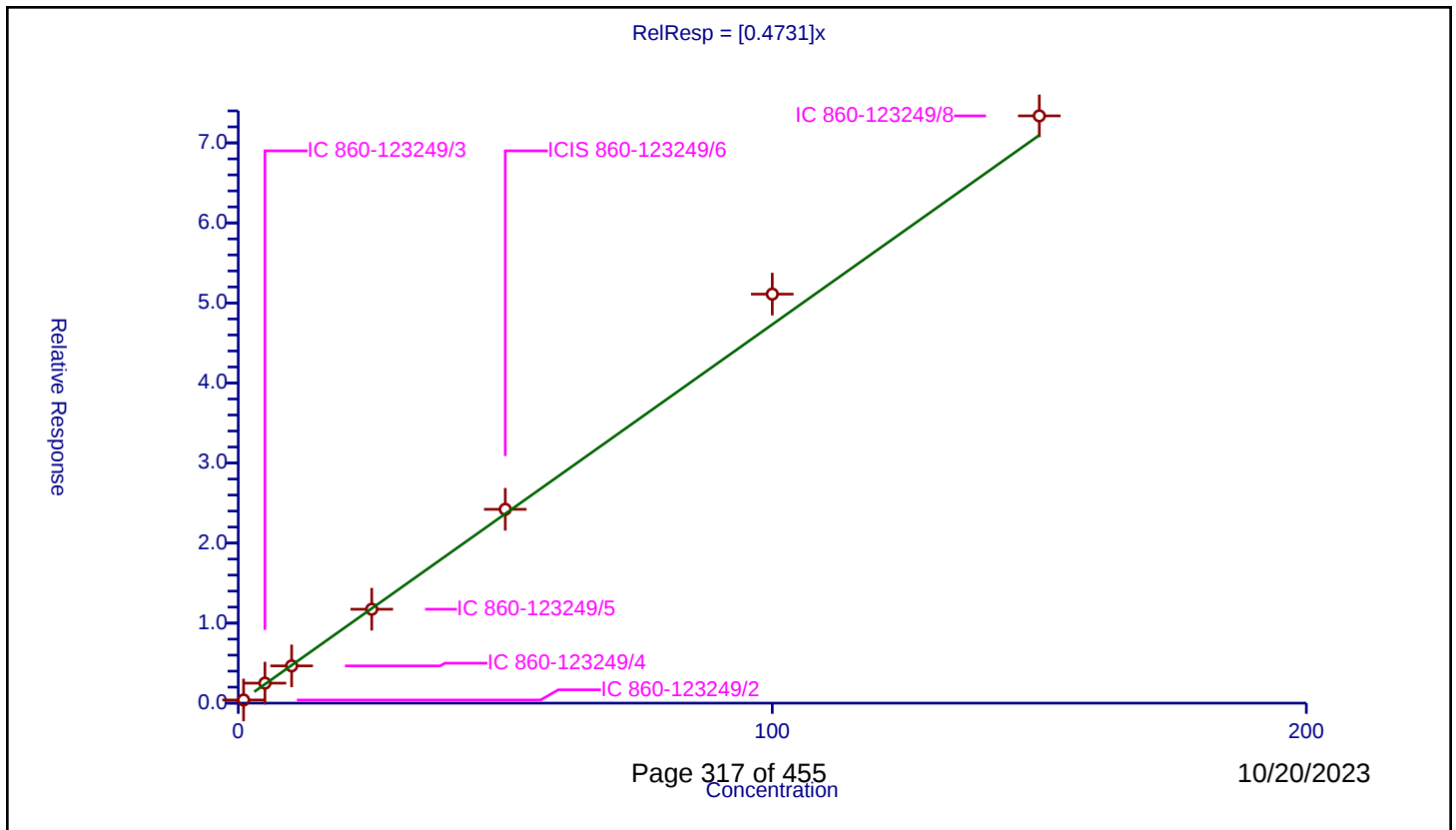
Curve Coefficients

Intercept: 0
Slope: 0.4731

Error Coefficients

Standard Error: 621000
Relative Standard Error: 8.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.392848	50.0	699762.0	0.392848	Y
2	IC 860-123249/3	5.0	2.497742	50.0	757224.0	0.499548	Y
3	IC 860-123249/4	10.0	4.655387	50.0	779484.0	0.465539	Y
4	IC 860-123249/5	25.0	11.732344	50.0	792331.0	0.469294	Y
5	ICIS 860-123249/6	50.0	24.22005	50.0	830085.0	0.484401	Y
6	IC 860-123249/7	100.0	51.105713	50.0	803735.0	0.511057	Y
7	IC 860-123249/8	150.0	73.372992	50.0	816637.0	0.489153	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

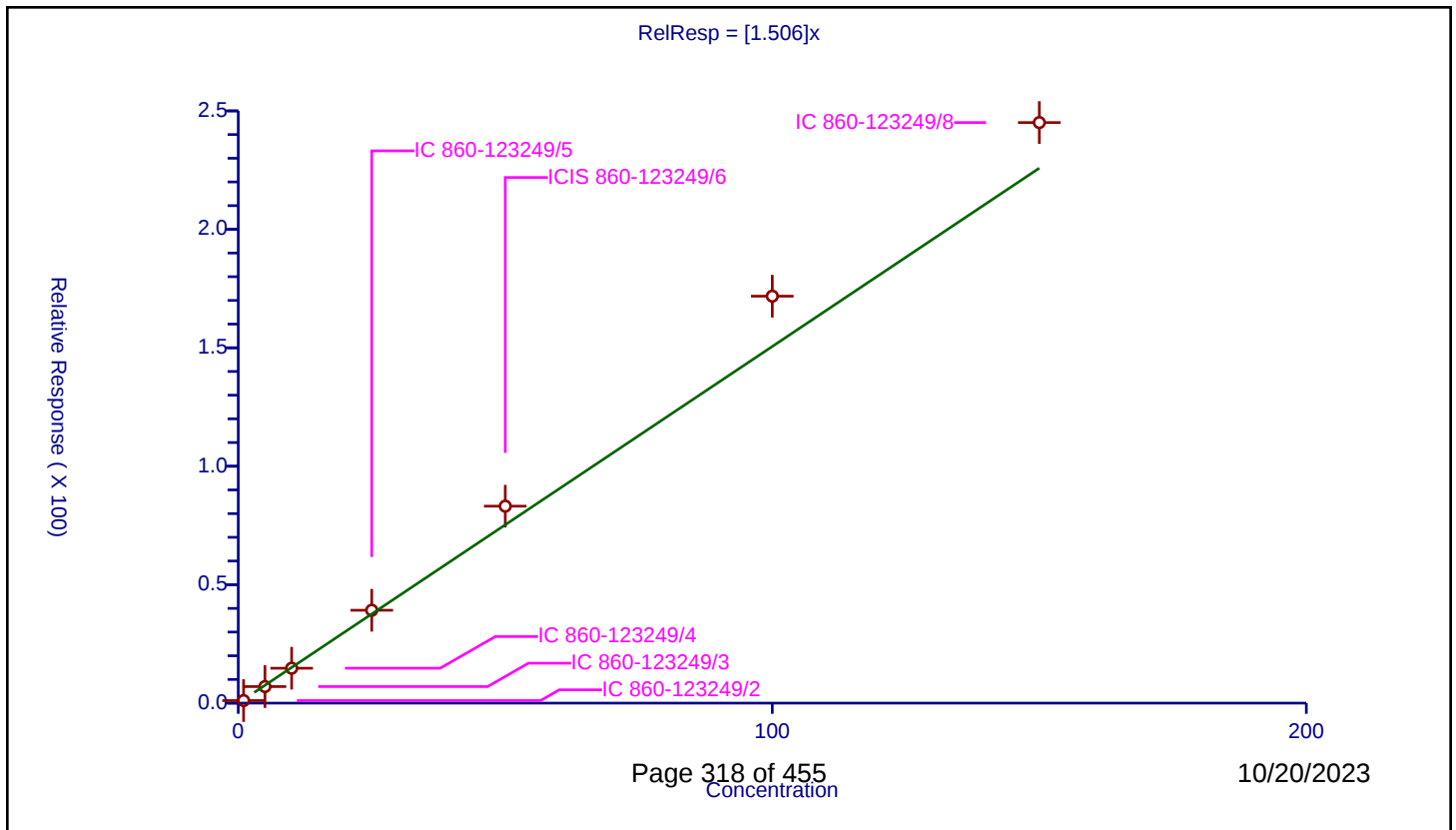
Curve Coefficients

Intercept: 0
Slope: 1.506

Error Coefficients

Standard Error: 2080000
Relative Standard Error: 14.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.084726	50.0	699762.0	1.084726	Y
2	IC 860-123249/3	5.0	6.989411	50.0	757224.0	1.397882	Y
3	IC 860-123249/4	10.0	14.737185	50.0	779484.0	1.473719	Y
4	IC 860-123249/5	25.0	39.207793	50.0	792331.0	1.568312	Y
5	ICIS 860-123249/6	50.0	83.140582	50.0	830085.0	1.662812	Y
6	IC 860-123249/7	100.0	171.78361	50.0	803735.0	1.717836	Y
7	IC 860-123249/8	150.0	245.072841	50.0	816637.0	1.633819	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

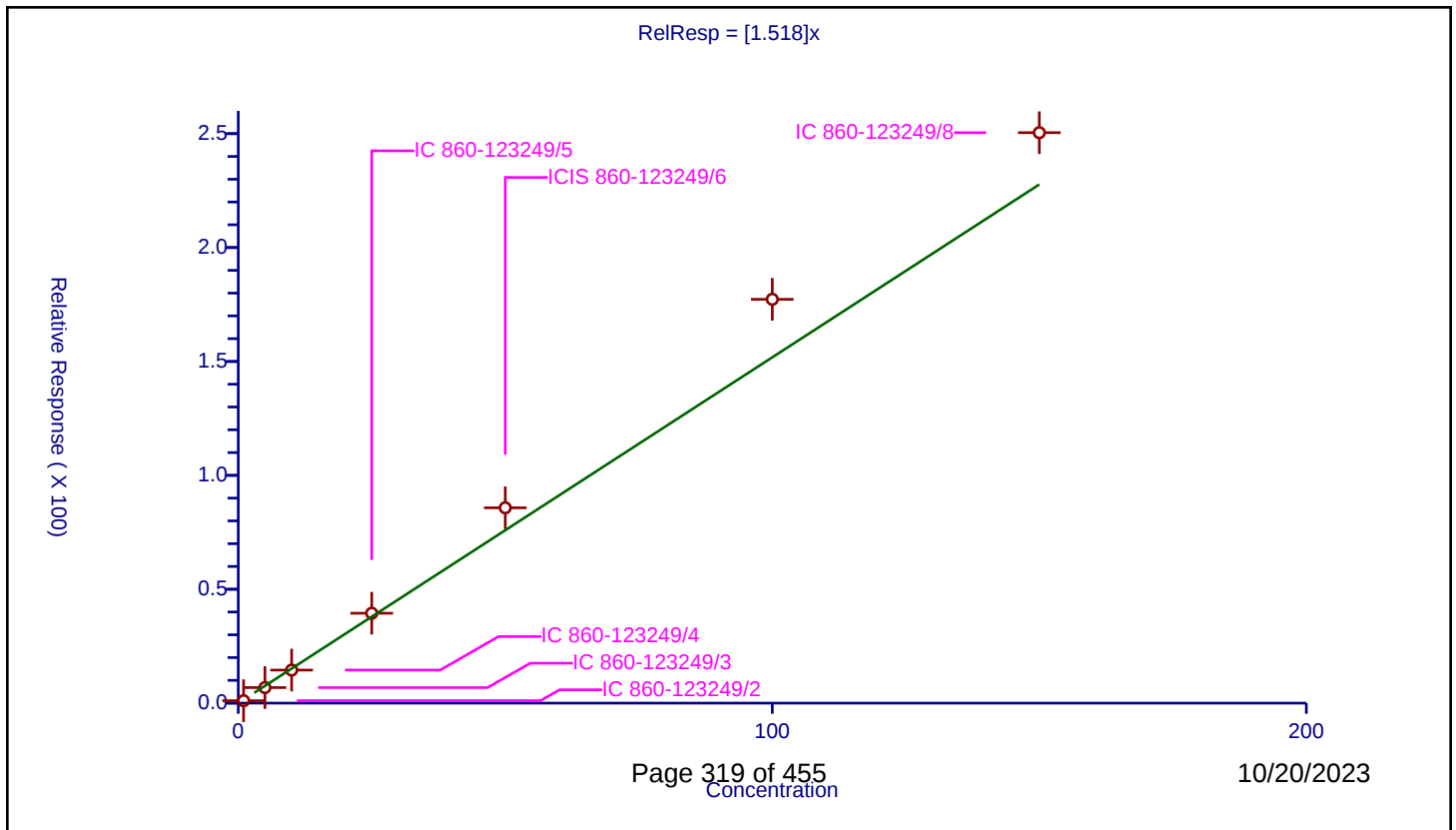
Curve Coefficients

Intercept: 0
Slope: 1.518

Error Coefficients

Standard Error: 2130000
Relative Standard Error: 16.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.073151	50.0	699762.0	1.073151	Y
2	IC 860-123249/3	5.0	6.825523	50.0	757224.0	1.365105	Y
3	IC 860-123249/4	10.0	14.517873	50.0	779484.0	1.451787	Y
4	IC 860-123249/5	25.0	39.464378	50.0	792331.0	1.578575	Y
5	ICIS 860-123249/6	50.0	85.75682	50.0	830085.0	1.715136	Y
6	IC 860-123249/7	100.0	177.27715	50.0	803735.0	1.772771	Y
7	IC 860-123249/8	150.0	250.439791	50.0	816637.0	1.669599	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

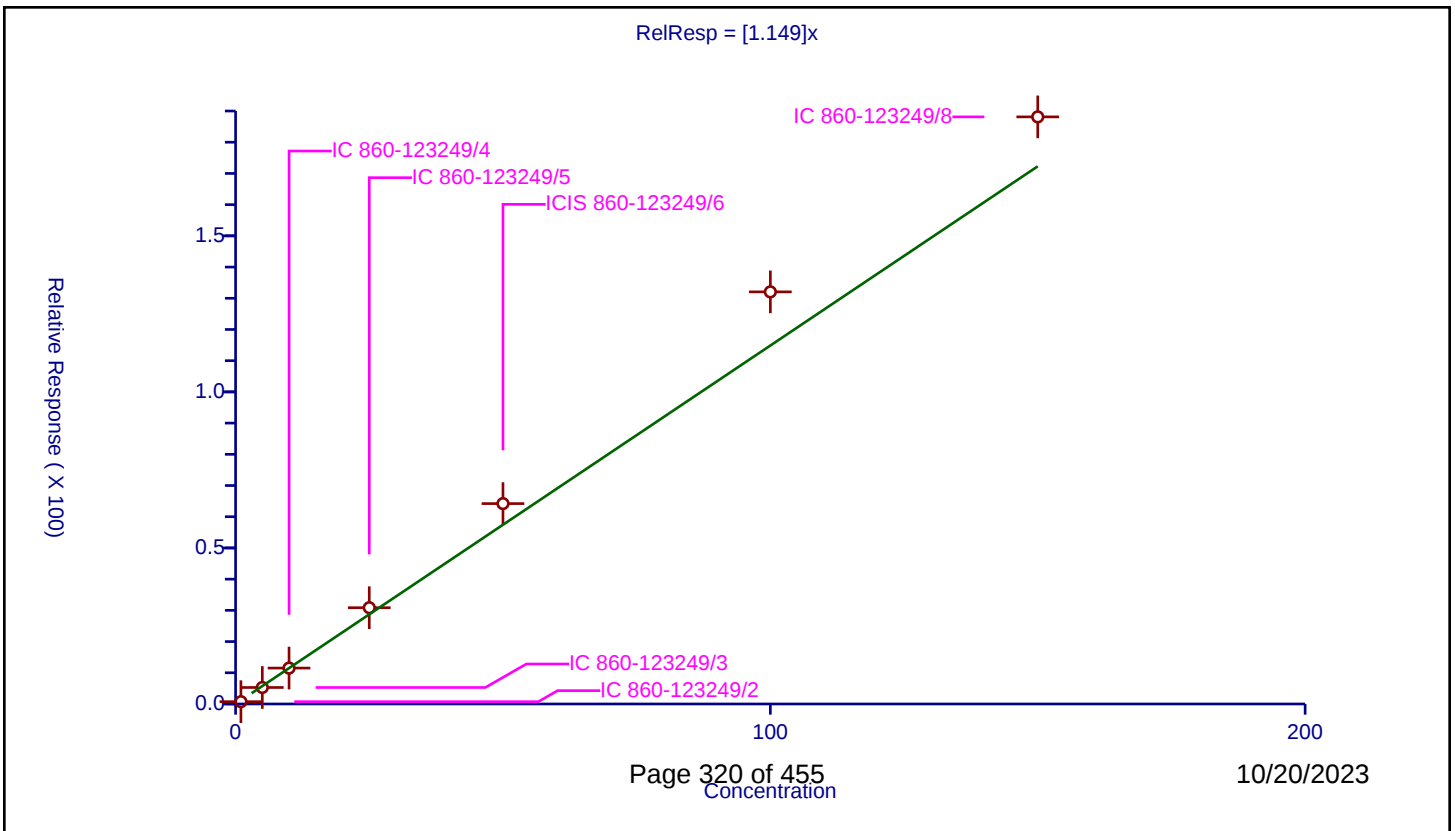
Curve Coefficients

Intercept: 0
Slope: 1.149

Error Coefficients

Standard Error: 1600000
Relative Standard Error: 17.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.738894	50.0	699762.0	0.738894	Y
2	IC 860-123249/3	5.0	5.286811	50.0	757224.0	1.057362	Y
3	IC 860-123249/4	10.0	11.507998	50.0	779484.0	1.1508	Y
4	IC 860-123249/5	25.0	30.850995	50.0	792331.0	1.23404	Y
5	ICIS 860-123249/6	50.0	64.205533	50.0	830085.0	1.284111	Y
6	IC 860-123249/7	100.0	132.048747	50.0	803735.0	1.320487	Y
7	IC 860-123249/8	150.0	188.123854	50.0	816637.0	1.254159	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

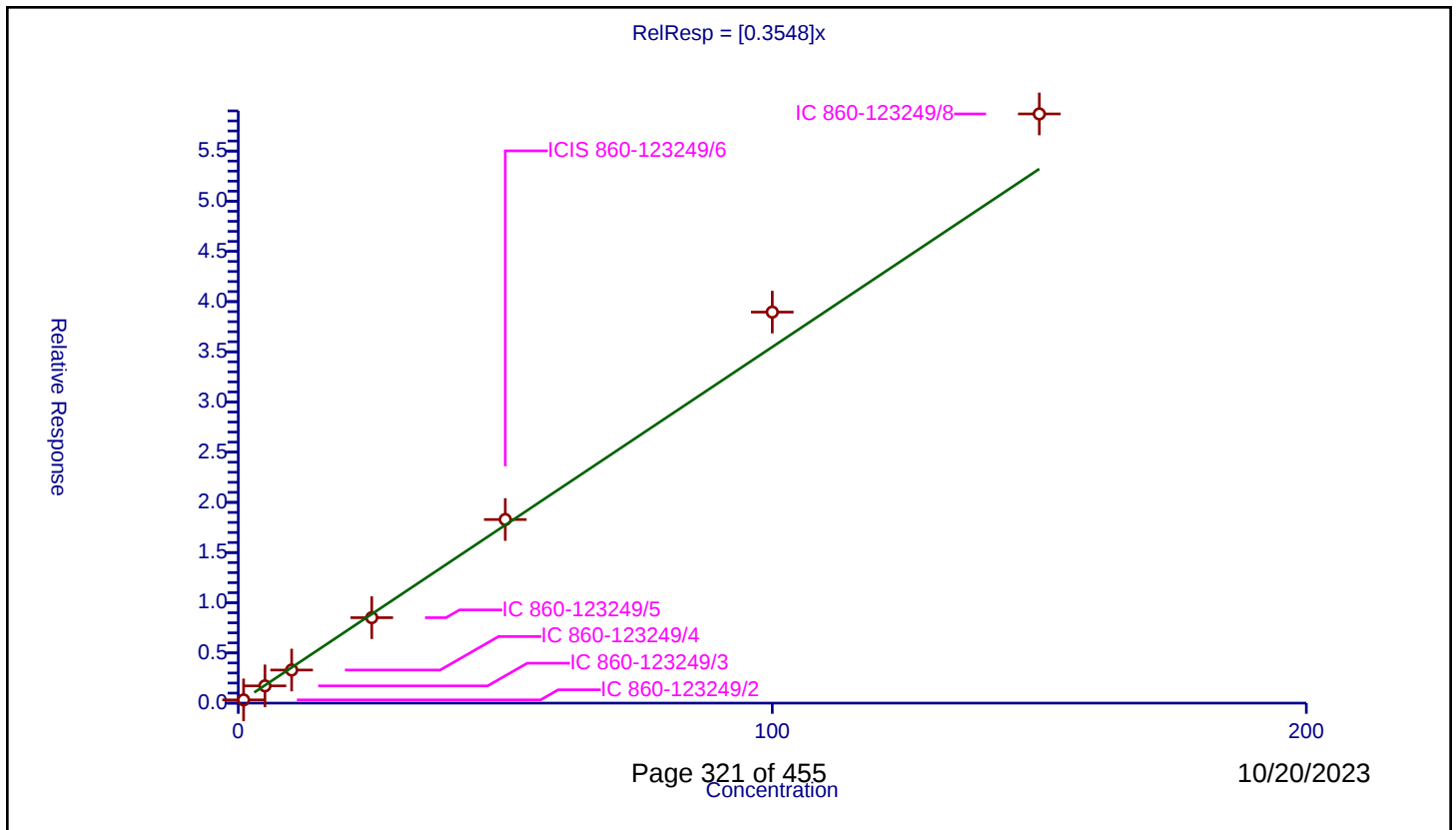
Curve Coefficients

Intercept: 0
Slope: 0.3548

Error Coefficients

Standard Error: 487000
Relative Standard Error: 7.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.32311	50.0	699762.0	0.32311	Y
2	IC 860-123249/3	5.0	1.717854	50.0	757224.0	0.343571	Y
3	IC 860-123249/4	10.0	3.29763	50.0	779484.0	0.329763	Y
4	IC 860-123249/5	25.0	8.512352	50.0	792331.0	0.340494	Y
5	ICIS 860-123249/6	50.0	18.289392	50.0	830085.0	0.365788	Y
6	IC 860-123249/7	100.0	38.955502	50.0	803735.0	0.389555	Y
7	IC 860-123249/8	150.0	58.697622	50.0	816637.0	0.391317	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

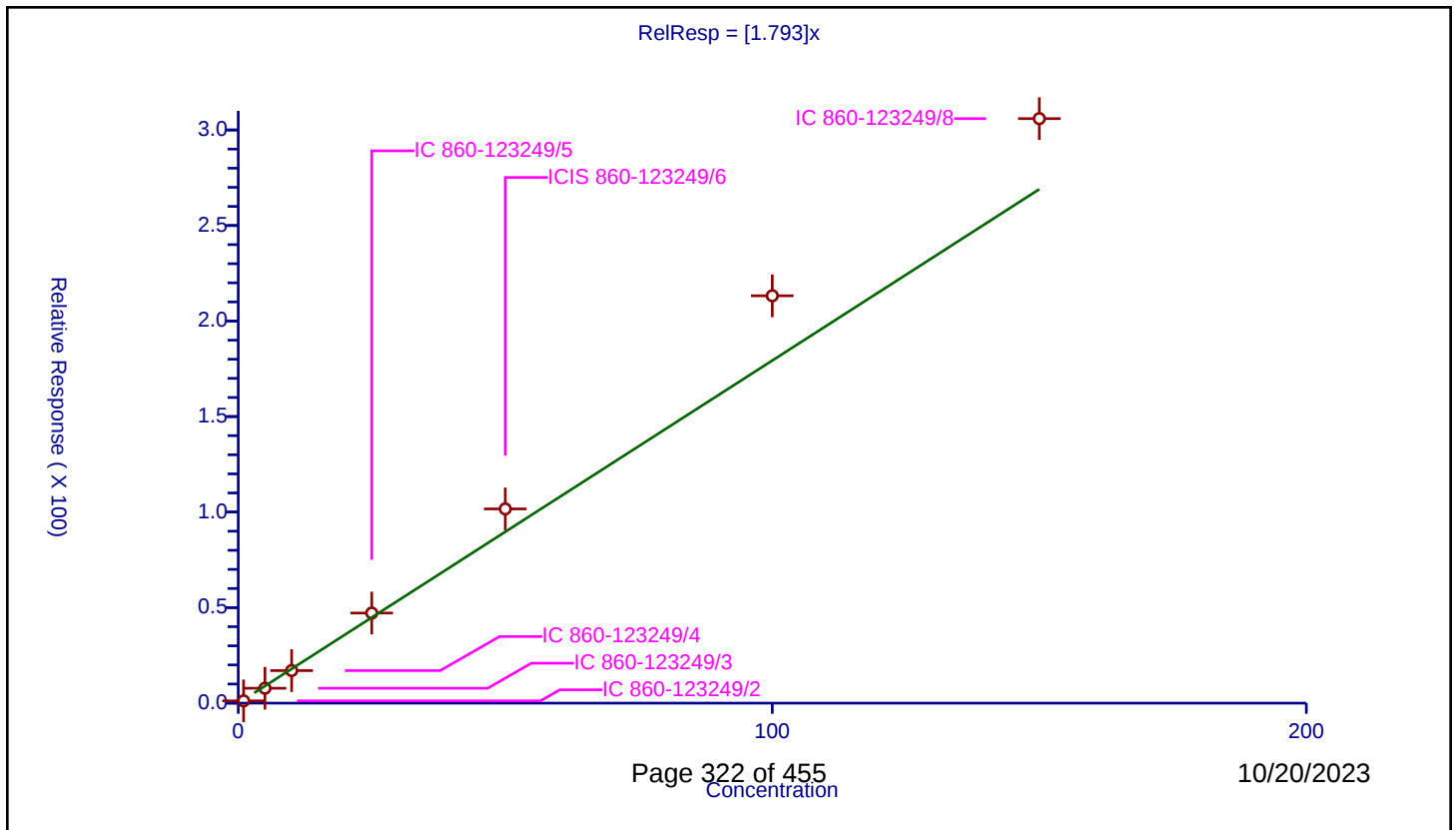
Curve Coefficients

Intercept: 0
Slope: 1.793

Error Coefficients

Standard Error: 2590000
Relative Standard Error: 18.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.198193	50.0	699762.0	1.198193	Y
2	IC 860-123249/3	5.0	7.800598	50.0	757224.0	1.56012	Y
3	IC 860-123249/4	10.0	17.030882	50.0	779484.0	1.703088	Y
4	IC 860-123249/5	25.0	47.16154	50.0	792331.0	1.886462	Y
5	ICIS 860-123249/6	50.0	101.659589	50.0	830085.0	2.033192	Y
6	IC 860-123249/7	100.0	213.223139	50.0	803735.0	2.132231	Y
7	IC 860-123249/8	150.0	305.944257	50.0	816637.0	2.039628	Y



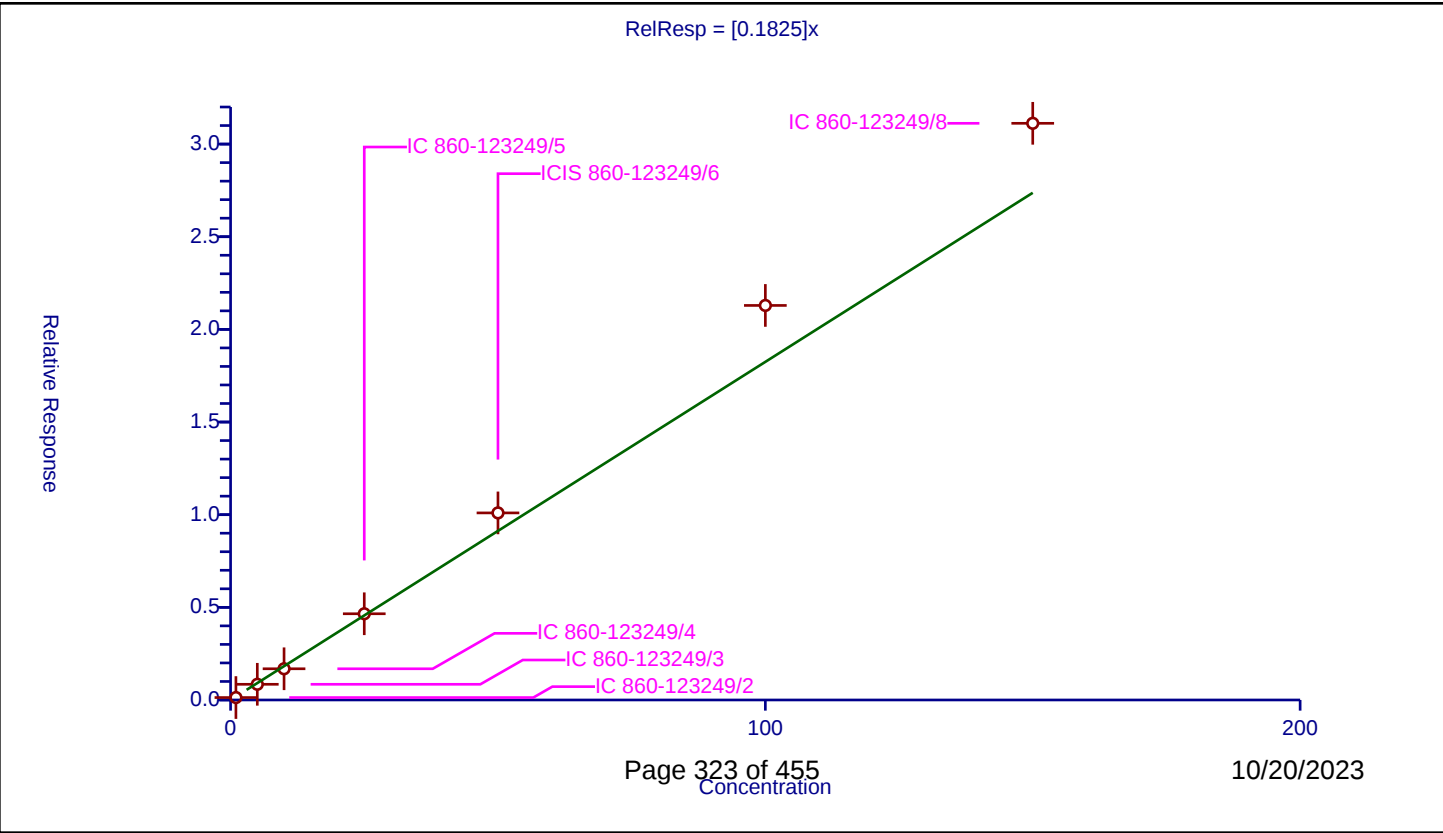
Calibration

/ cis-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:	0.1825
Error Coefficients	
Standard Error:	261000
Relative Standard Error:	15.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.131116	50.0	699762.0	0.131116	Y
2	IC 860-123249/3	5.0	0.846249	50.0	757224.0	0.16925	Y
3	IC 860-123249/4	10.0	1.684897	50.0	779484.0	0.16849	Y
4	IC 860-123249/5	25.0	4.653106	50.0	792331.0	0.186124	Y
5	ICIS 860-123249/6	50.0	10.096496	50.0	830085.0	0.20193	Y
6	IC 860-123249/7	100.0	21.291346	50.0	803735.0	0.212913	Y
7	IC 860-123249/8	150.0	31.120865	50.0	816637.0	0.207472	Y



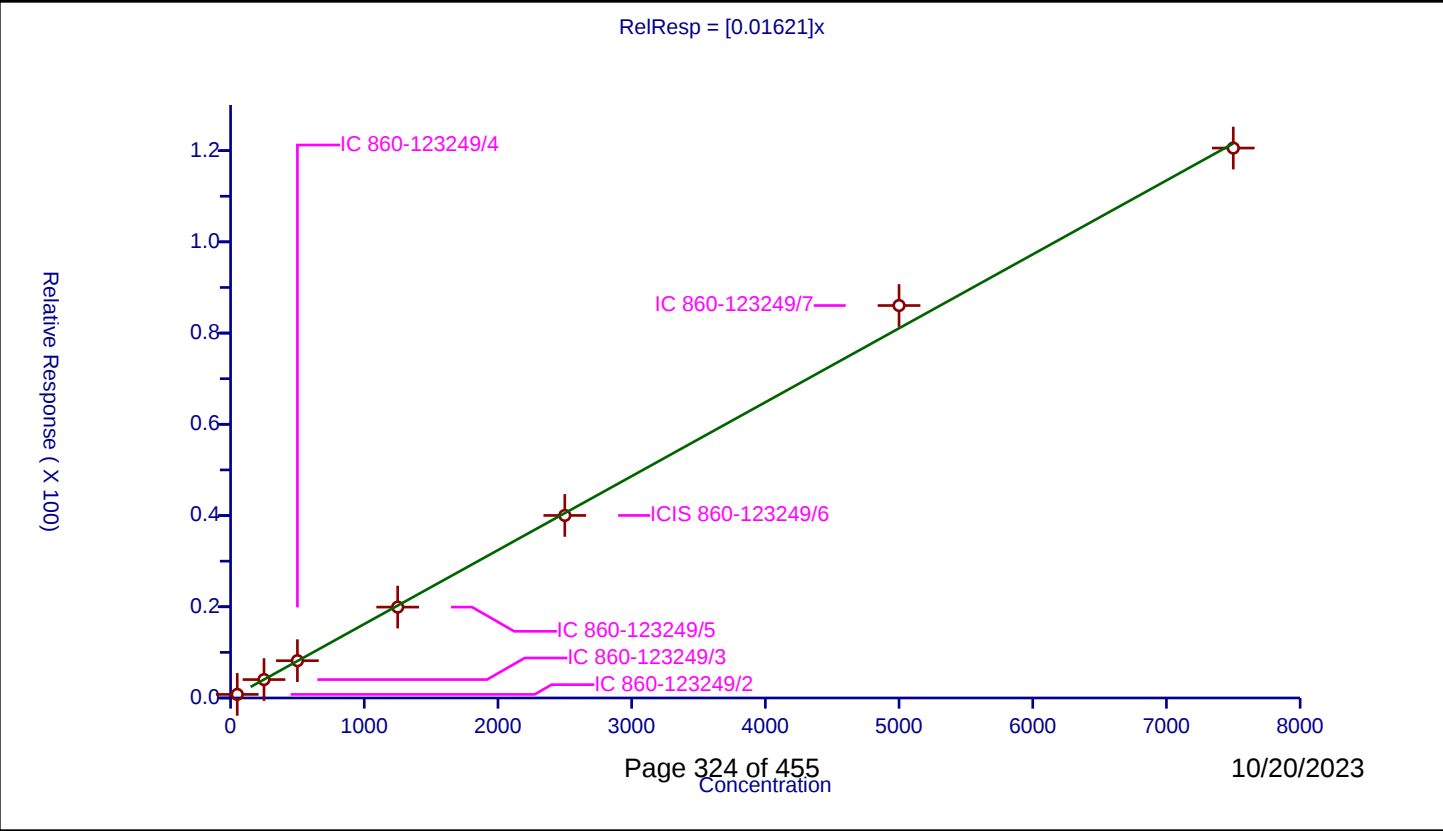
Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.01621
Error Coefficients	
Standard Error:	1030000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	50.0	0.786482	50.0	699762.0	0.01573	Y
2	IC 860-123249/3	250.0	4.037048	50.0	757224.0	0.016148	Y
3	IC 860-123249/4	500.0	8.177589	50.0	779484.0	0.016355	Y
4	IC 860-123249/5	1250.0	19.923996	50.0	792331.0	0.015939	Y
5	ICIS 860-123249/6	2500.0	40.020179	50.0	830085.0	0.016008	Y
6	IC 860-123249/7	5000.0	86.044778	50.0	803735.0	0.017209	Y
7	IC 860-123249/8	7500.0	120.562747	50.0	816637.0	0.016075	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

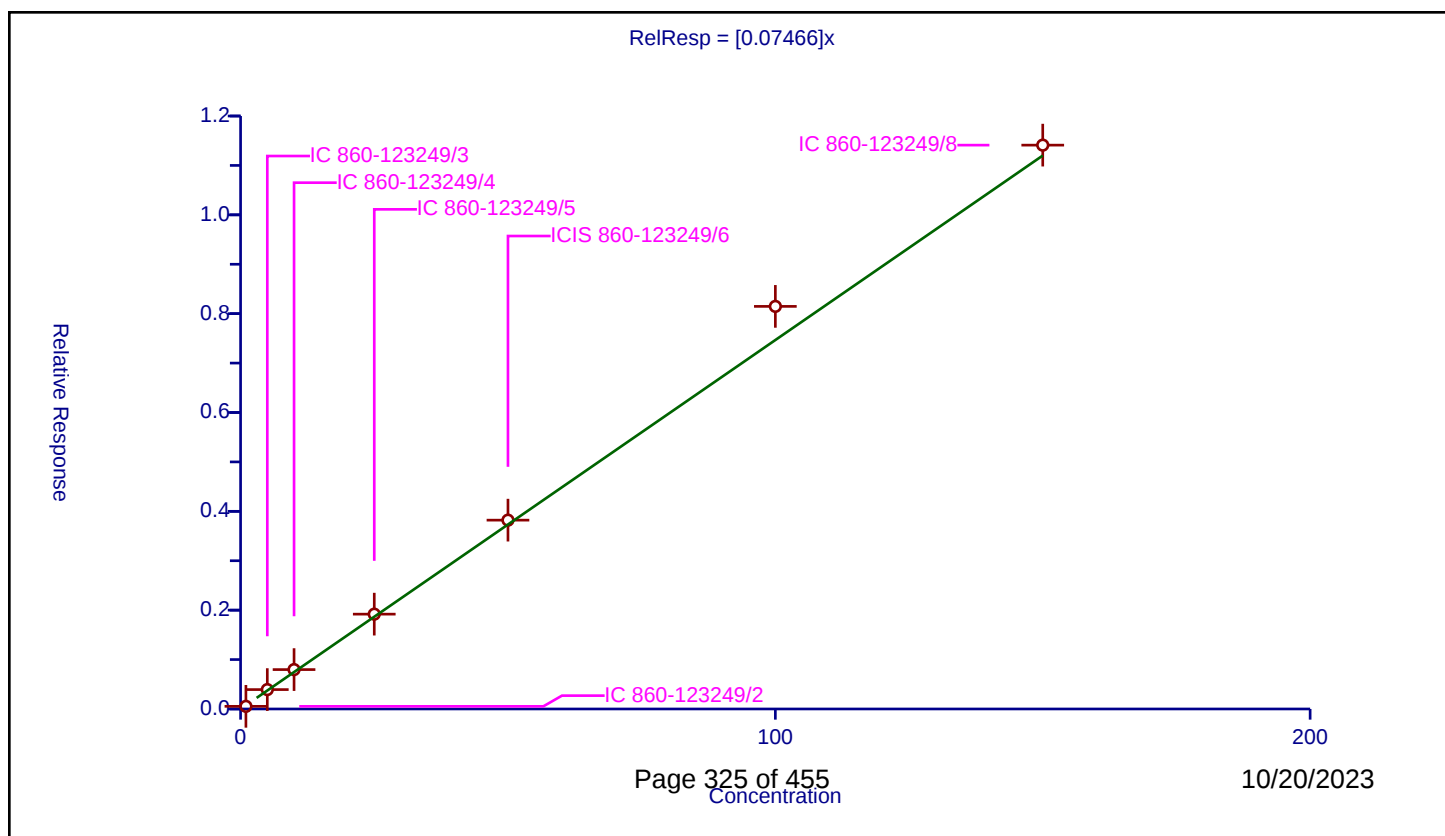
Curve Coefficients

Intercept: 0
Slope: 0.07466

Error Coefficients

Standard Error: 97500
Relative Standard Error: 12.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.053661	50.0	699762.0	0.053661	Y
2	IC 860-123249/3	5.0	0.39242	50.0	757224.0	0.078484	Y
3	IC 860-123249/4	10.0	0.797579	50.0	779484.0	0.079758	Y
4	IC 860-123249/5	25.0	1.919021	50.0	792331.0	0.076761	Y
5	ICIS 860-123249/6	50.0	3.821536	50.0	830085.0	0.076431	Y
6	IC 860-123249/7	100.0	8.147648	50.0	803735.0	0.081476	Y
7	IC 860-123249/8	150.0	11.410578	50.0	816637.0	0.076071	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

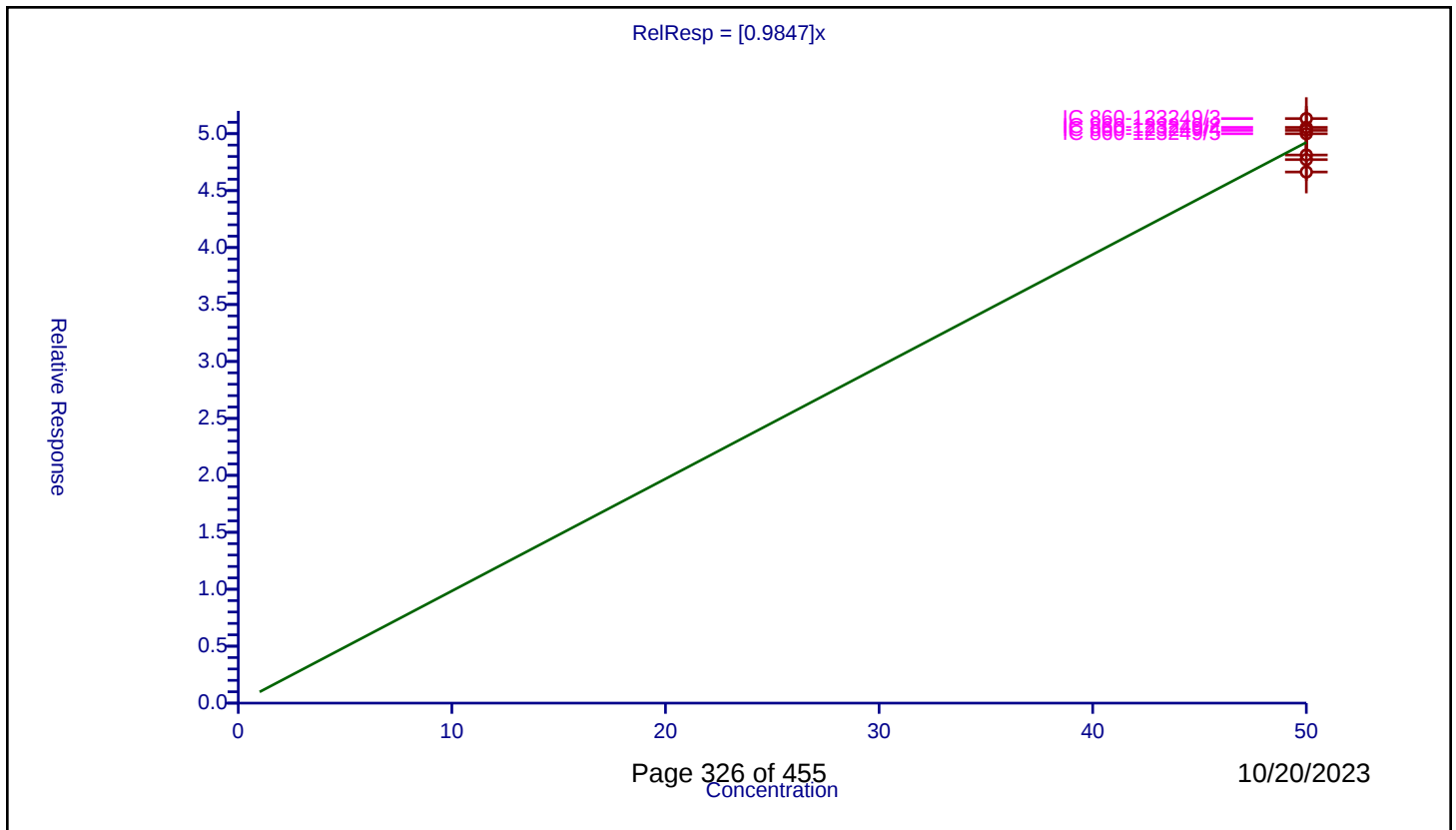
Curve Coefficients

Intercept: 0
Slope: 0.9847

Error Coefficients

Standard Error: 433000
Relative Standard Error: 3.5
Correlation Coefficient: 0.00000000000000000000
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	50.0	50.549912	50.0	327780.0	1.010998	Y
2	IC 860-123249/3	50.0	51.324487	50.0	388641.0	1.02649	Y
3	IC 860-123249/4	50.0	50.295302	50.0	404163.0	1.005906	Y
4	IC 860-123249/5	50.0	49.995526	50.0	413520.0	0.999911	Y
5	ICIS 860-123249/6	50.0	47.722097	50.0	441349.0	0.954442	Y
6	IC 860-123249/7	50.0	48.126892	50.0	421225.0	0.962538	Y
7	IC 860-123249/8	50.0	46.63449	50.0	450229.0	0.93269	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

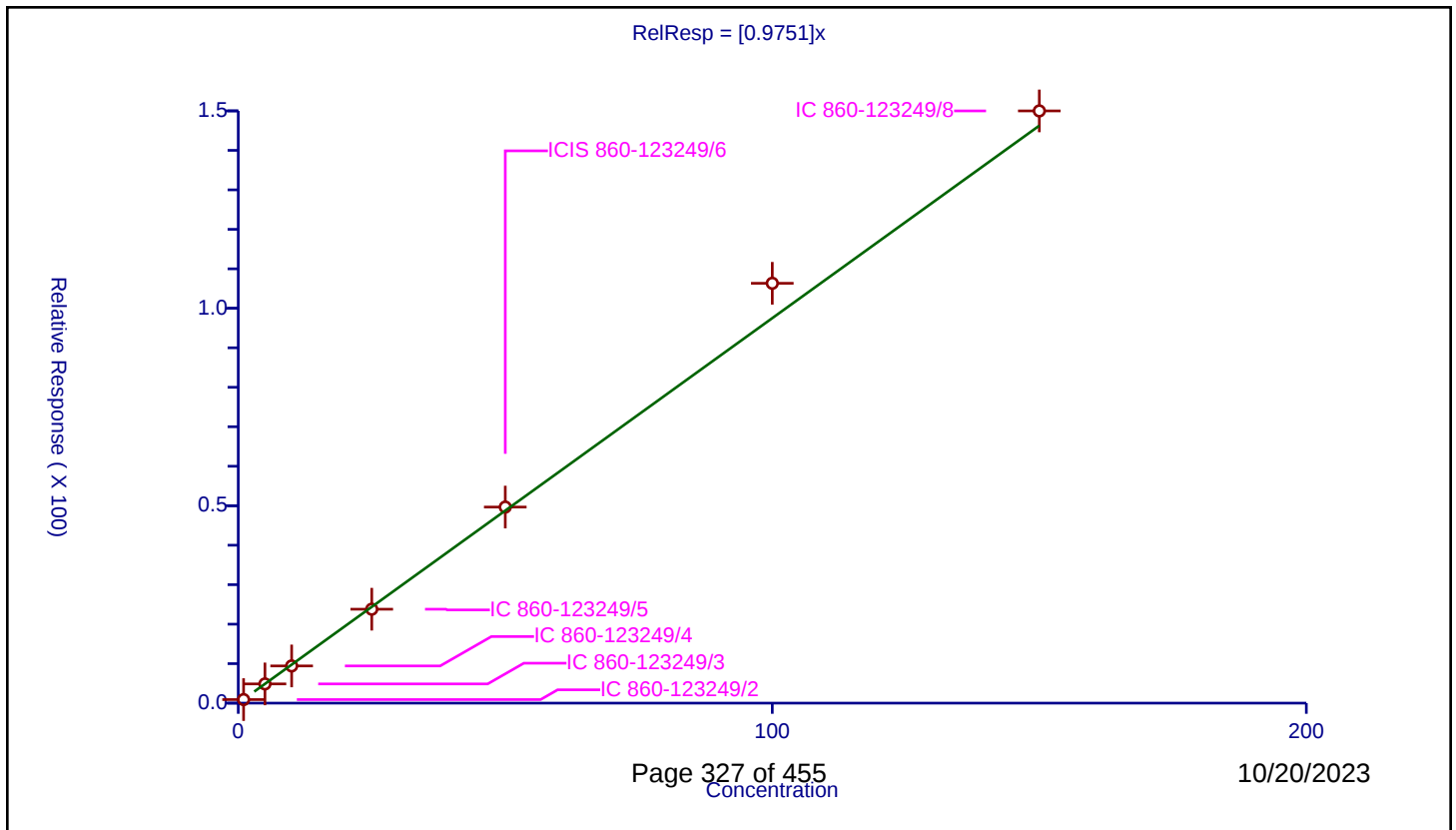
Curve Coefficients

Intercept: 0
Slope: 0.9751

Error Coefficients

Standard Error: 691000
Relative Standard Error: 5.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.901977	50.0	327780.0	0.901977	Y
2	IC 860-123249/3	5.0	4.868246	50.0	388641.0	0.973649	Y
3	IC 860-123249/4	10.0	9.418477	50.0	404163.0	0.941848	Y
4	IC 860-123249/5	25.0	23.79111	50.0	413520.0	0.951644	Y
5	ICIS 860-123249/6	50.0	49.656168	50.0	441349.0	0.993123	Y
6	IC 860-123249/7	100.0	106.337824	50.0	421225.0	1.063378	Y
7	IC 860-123249/8	150.0	149.991893	50.0	450229.0	0.999946	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

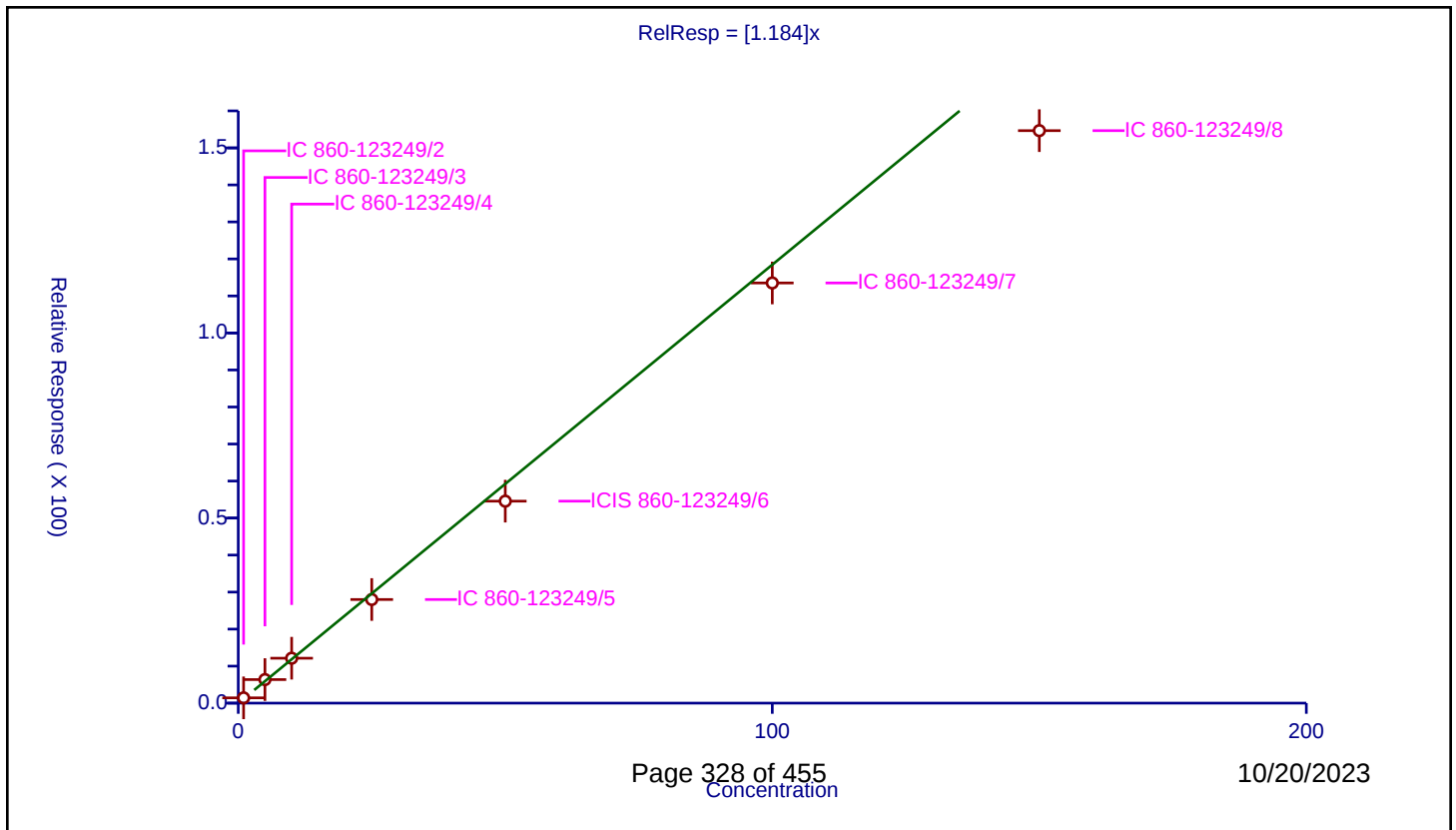
Curve Coefficients

Intercept: 0
Slope: 1.184

Error Coefficients

Standard Error: 725000
Relative Standard Error: 11.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.428245	50.0	327780.0	1.428245	Y
2	IC 860-123249/3	5.0	6.361269	50.0	388641.0	1.272254	Y
3	IC 860-123249/4	10.0	12.132605	50.0	404163.0	1.21326	Y
4	IC 860-123249/5	25.0	27.996348	50.0	413520.0	1.119854	Y
5	ICIS 860-123249/6	50.0	54.566114	50.0	441349.0	1.091322	Y
6	IC 860-123249/7	100.0	113.507864	50.0	421225.0	1.135079	Y
7	IC 860-123249/8	150.0	154.664515	50.0	450229.0	1.031097	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

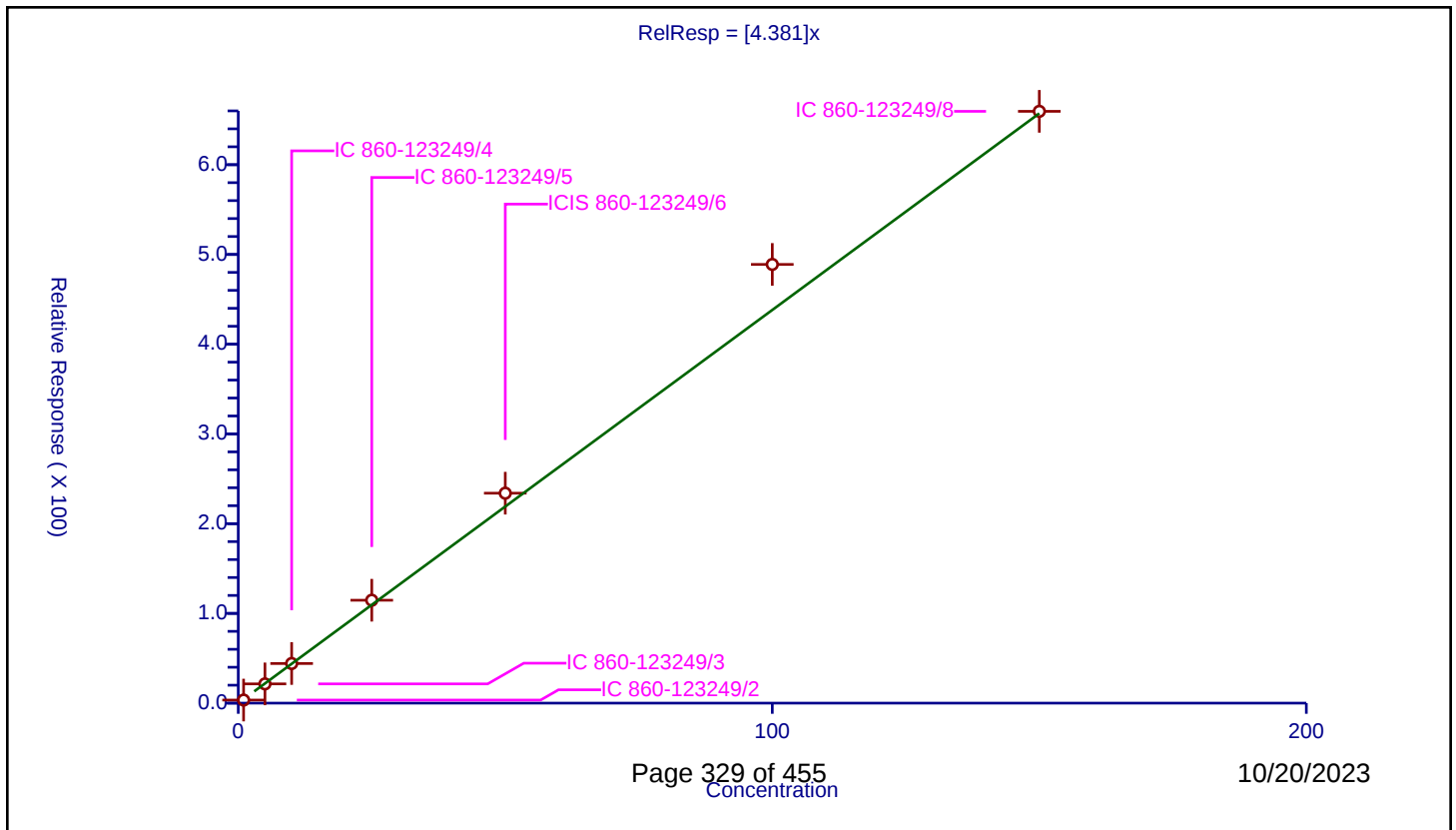
Curve Coefficients

Intercept: 0
Slope: 4.381

Error Coefficients

Standard Error: 3100000
Relative Standard Error: 10.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	3.413723	50.0	327780.0	3.413723	Y
2	IC 860-123249/3	5.0	21.450387	50.0	388641.0	4.290077	Y
3	IC 860-123249/4	10.0	44.143947	50.0	404163.0	4.414395	Y
4	IC 860-123249/5	25.0	114.670874	50.0	413520.0	4.586835	Y
5	ICIS 860-123249/6	50.0	233.948304	50.0	441349.0	4.678966	Y
6	IC 860-123249/7	100.0	488.886106	50.0	421225.0	4.888861	Y
7	IC 860-123249/8	150.0	659.499388	50.0	450229.0	4.396663	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

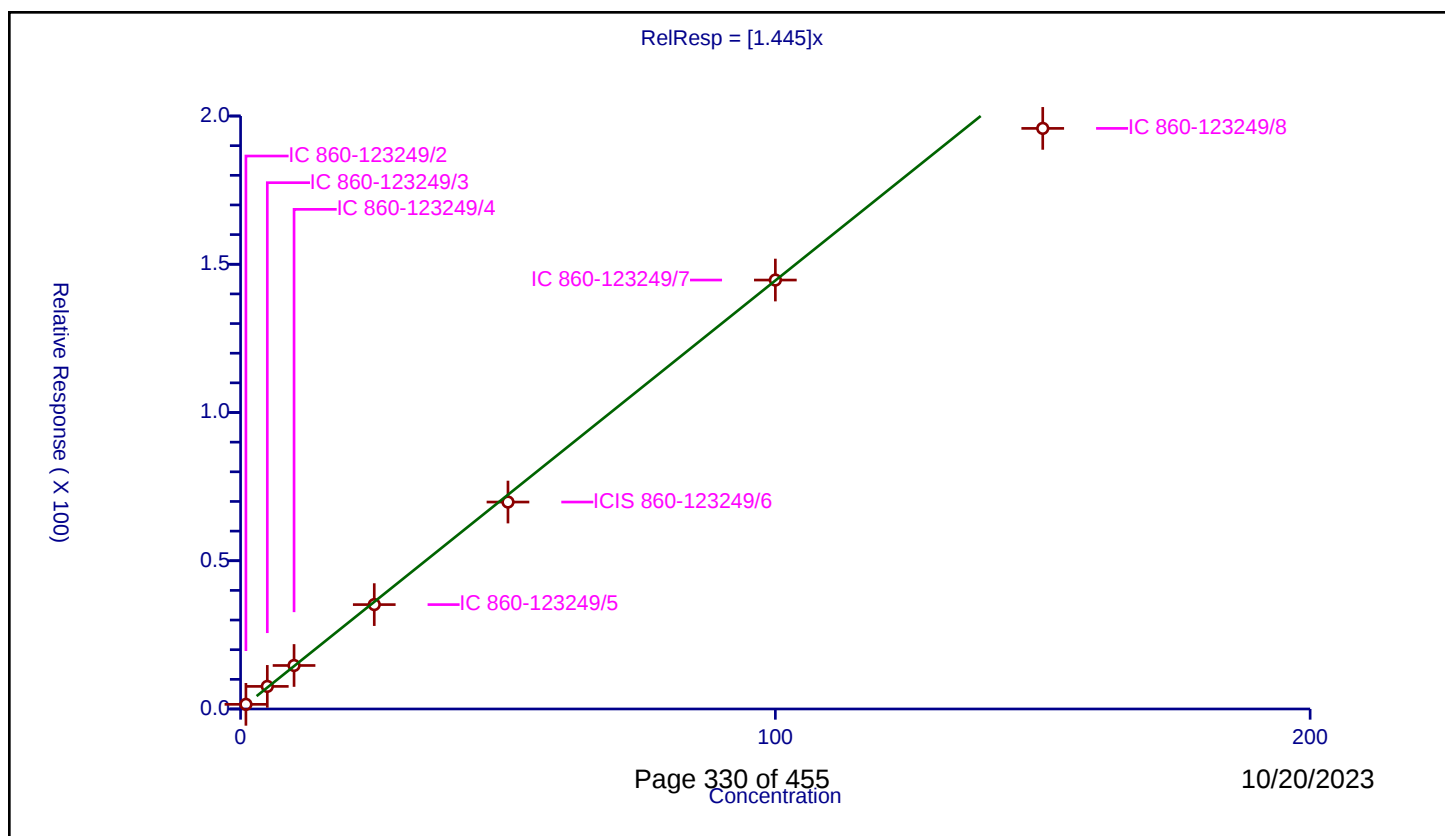
Curve Coefficients

Intercept: 0
Slope: 1.445

Error Coefficients

Standard Error: 920000
Relative Standard Error: 6.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.568278	50.0	327780.0	1.568278	Y
2	IC 860-123249/3	5.0	7.6195	50.0	388641.0	1.5239	Y
3	IC 860-123249/4	10.0	14.669824	50.0	404163.0	1.466982	Y
4	IC 860-123249/5	25.0	35.211598	50.0	413520.0	1.408464	Y
5	ICIS 860-123249/6	50.0	69.799297	50.0	441349.0	1.395986	Y
6	IC 860-123249/7	100.0	144.676123	50.0	421225.0	1.446761	Y
7	IC 860-123249/8	150.0	195.822459	50.0	450229.0	1.305483	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

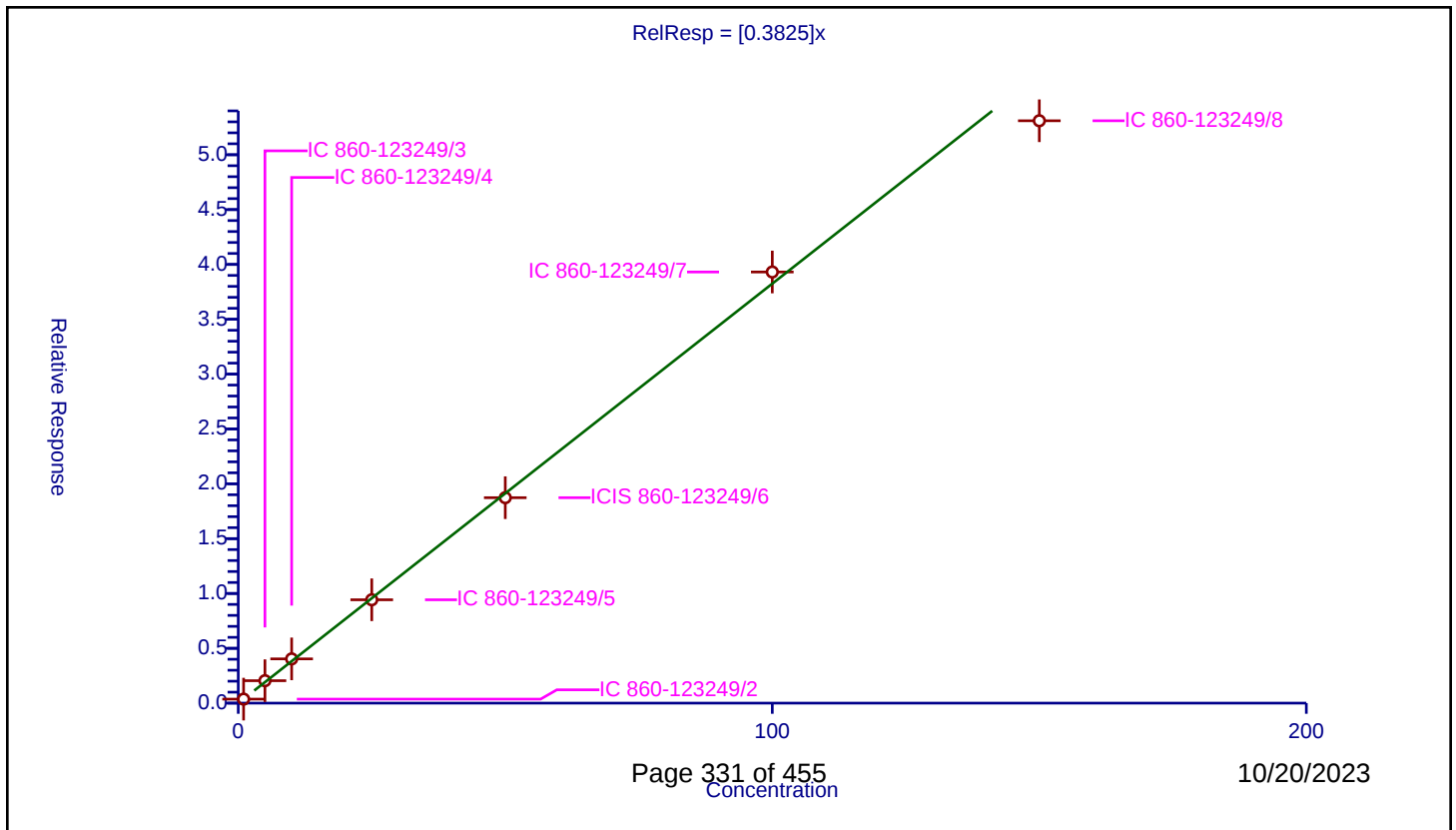
Curve Coefficients

Intercept: 0
Slope: 0.3825

Error Coefficients

Standard Error: 249000
Relative Standard Error: 5.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.365947	50.0	327780.0	0.365947	Y
2	IC 860-123249/3	5.0	2.045461	50.0	388641.0	0.409092	Y
3	IC 860-123249/4	10.0	4.035872	50.0	404163.0	0.403587	Y
4	IC 860-123249/5	25.0	9.422761	50.0	413520.0	0.37691	Y
5	ICIS 860-123249/6	50.0	18.731888	50.0	441349.0	0.374638	Y
6	IC 860-123249/7	100.0	39.310226	50.0	421225.0	0.393102	Y
7	IC 860-123249/8	150.0	53.099423	50.0	450229.0	0.353996	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

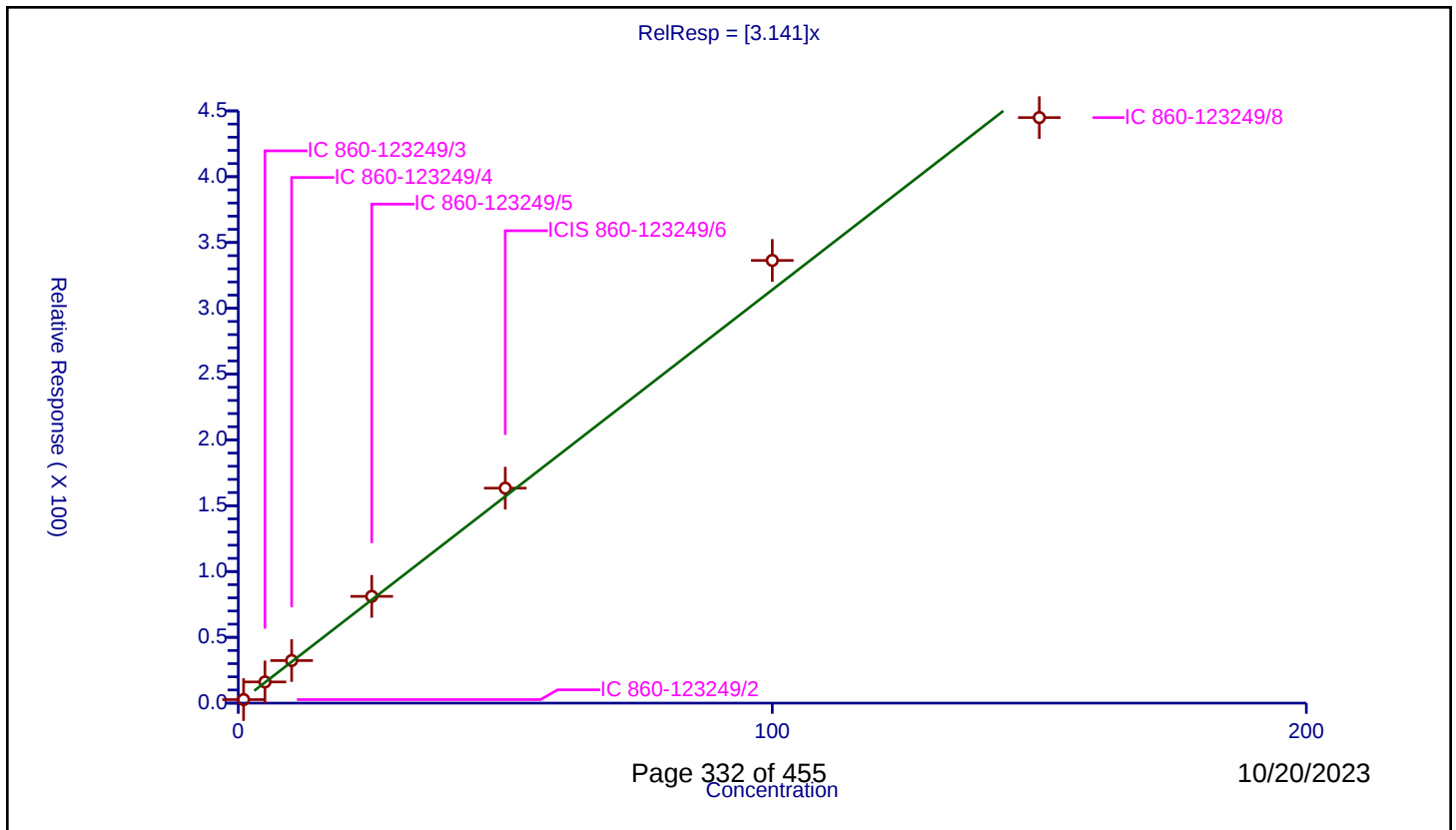
Curve Coefficients

Intercept: 0
Slope: 3.141

Error Coefficients

Standard Error: 2110000
Relative Standard Error: 7.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.688083	50.0	327780.0	2.688083	Y
2	IC 860-123249/3	5.0	16.105609	50.0	388641.0	3.221122	Y
3	IC 860-123249/4	10.0	32.343634	50.0	404163.0	3.234363	Y
4	IC 860-123249/5	25.0	81.122074	50.0	413520.0	3.244883	Y
5	ICIS 860-123249/6	50.0	163.352358	50.0	441349.0	3.267047	Y
6	IC 860-123249/7	100.0	336.374859	50.0	421225.0	3.363749	Y
7	IC 860-123249/8	150.0	444.905037	50.0	450229.0	2.966034	Y



Calibration

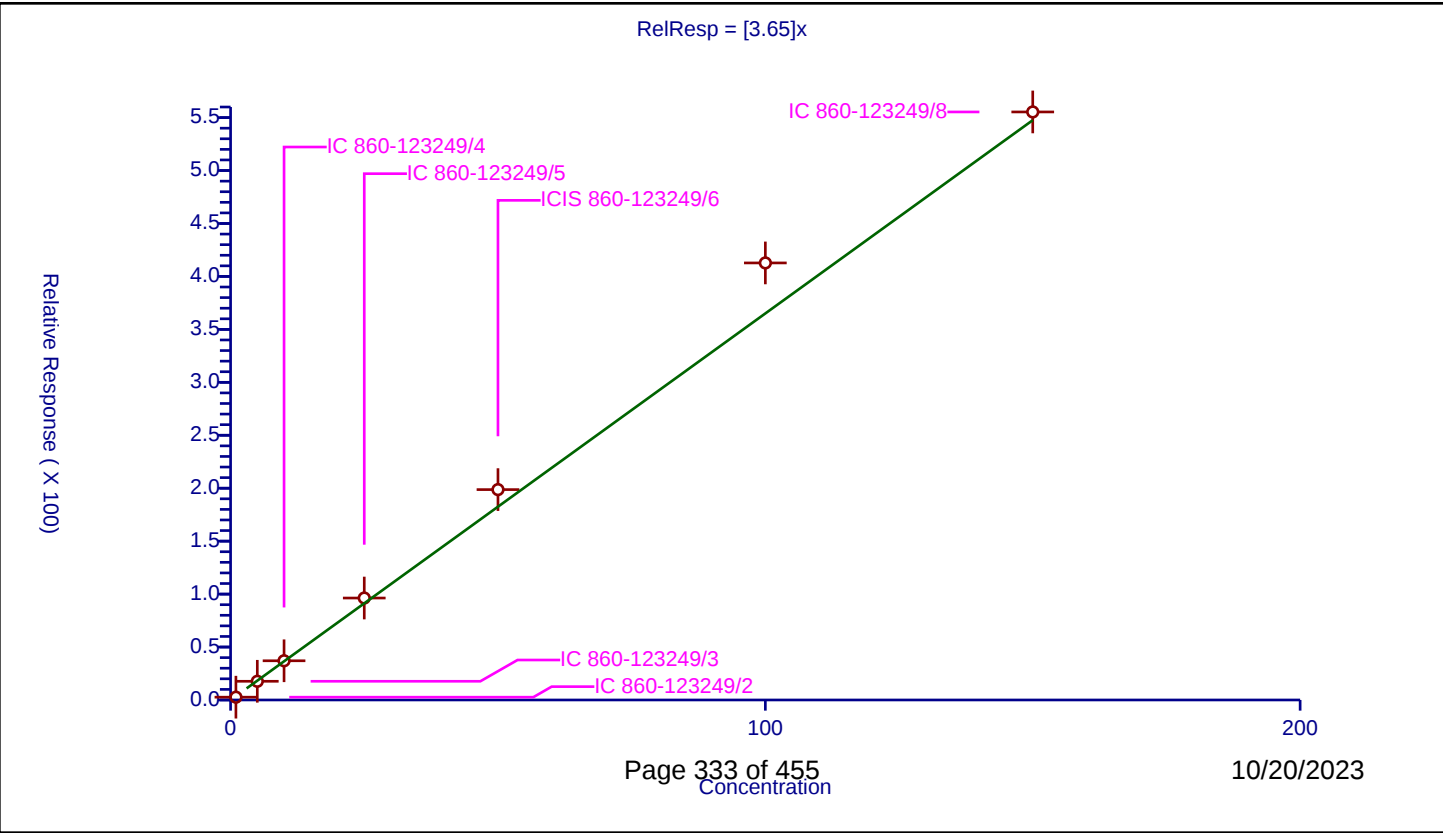
/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.65

Error Coefficients	
Standard Error:	2610000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.662762	50.0	327780.0	2.662762	Y
2	IC 860-123249/3	5.0	17.654596	50.0	388641.0	3.530919	Y
3	IC 860-123249/4	10.0	37.042975	50.0	404163.0	3.704298	Y
4	IC 860-123249/5	25.0	96.295342	50.0	413520.0	3.851814	Y
5	ICIS 860-123249/6	50.0	198.67803	50.0	441349.0	3.973561	Y
6	IC 860-123249/7	100.0	412.745326	50.0	421225.0	4.127453	Y
7	IC 860-123249/8	150.0	555.334508	50.0	450229.0	3.70223	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

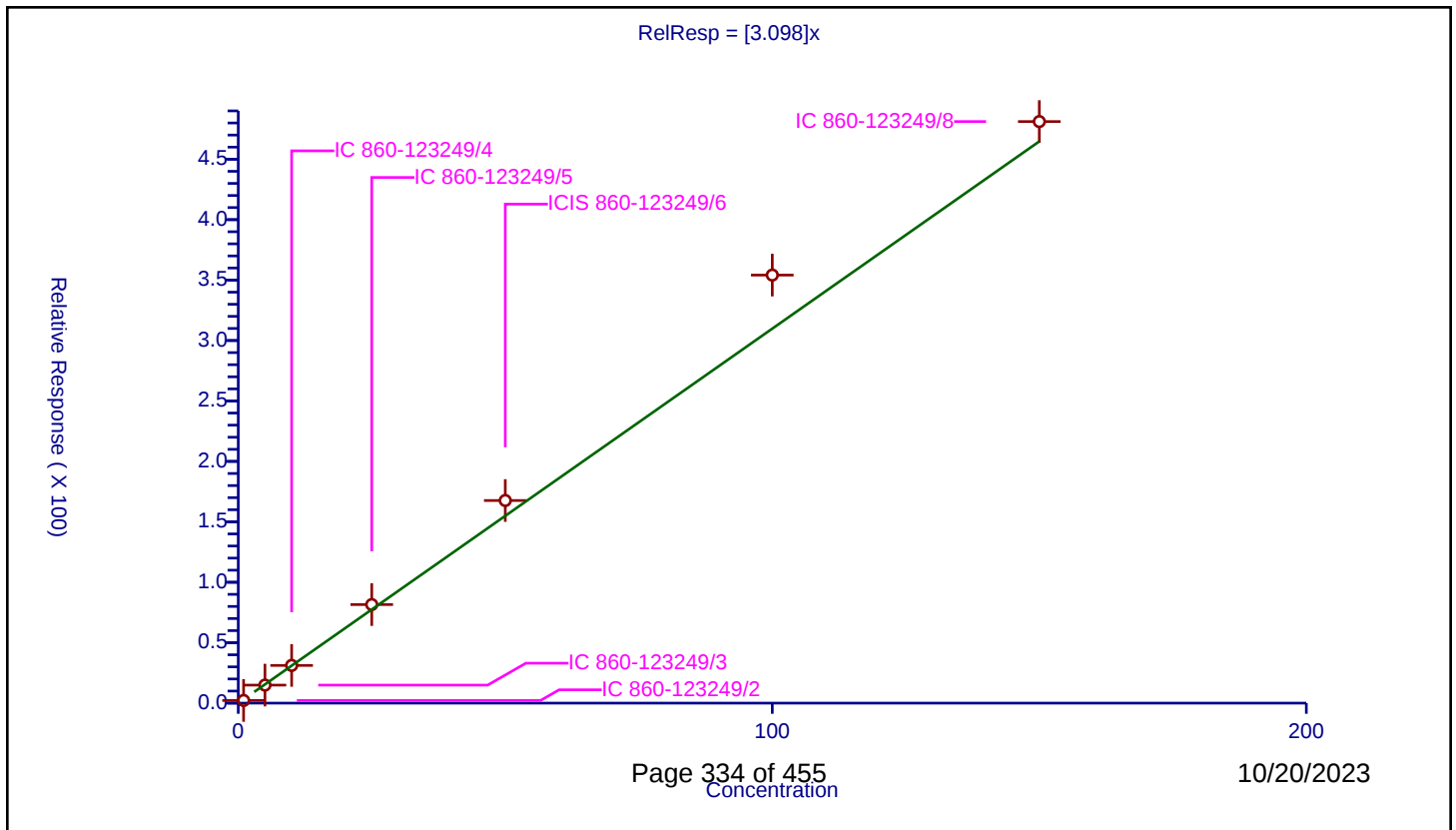
Curve Coefficients

Intercept: 0
Slope: 3.098

Error Coefficients

Standard Error: 2250000
Relative Standard Error: 13.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.222985	50.0	327780.0	2.222985	Y
2	IC 860-123249/3	5.0	14.91222	50.0	388641.0	2.982444	Y
3	IC 860-123249/4	10.0	31.195582	50.0	404163.0	3.119558	Y
4	IC 860-123249/5	25.0	81.534509	50.0	413520.0	3.26138	Y
5	ICIS 860-123249/6	50.0	167.647938	50.0	441349.0	3.352959	Y
6	IC 860-123249/7	100.0	354.159297	50.0	421225.0	3.541593	Y
7	IC 860-123249/8	150.0	481.153258	50.0	450229.0	3.207688	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

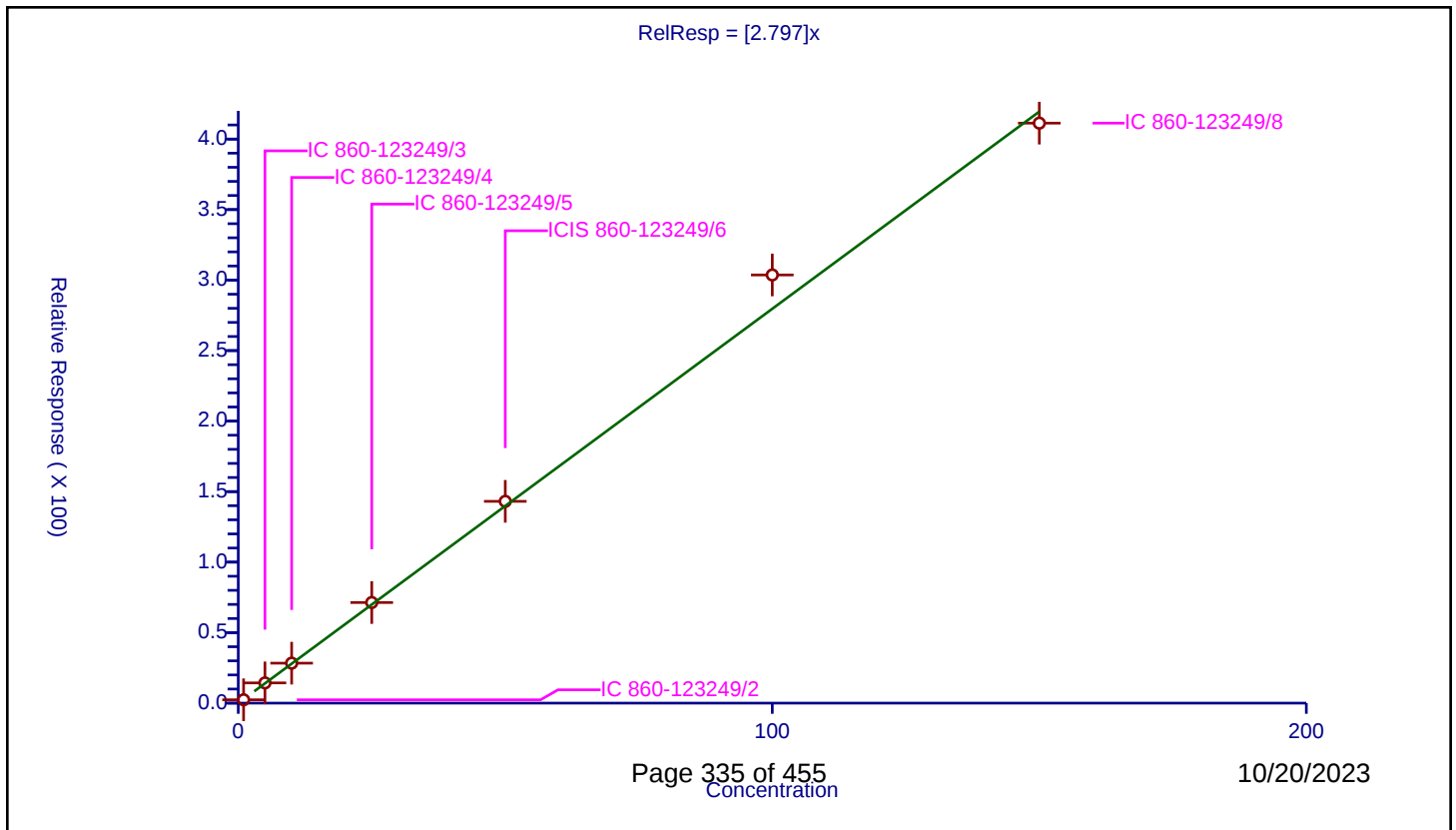
Curve Coefficients

Intercept: 0
Slope: 2.797

Error Coefficients

Standard Error: 1930000
Relative Standard Error: 7.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.378425	50.0	327780.0	2.378425	Y
2	IC 860-123249/3	5.0	14.339712	50.0	388641.0	2.867942	Y
3	IC 860-123249/4	10.0	28.350443	50.0	404163.0	2.835044	Y
4	IC 860-123249/5	25.0	71.341894	50.0	413520.0	2.853676	Y
5	ICIS 860-123249/6	50.0	143.107722	50.0	441349.0	2.862154	Y
6	IC 860-123249/7	100.0	303.642115	50.0	421225.0	3.036421	Y
7	IC 860-123249/8	150.0	411.303581	50.0	450229.0	2.742024	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

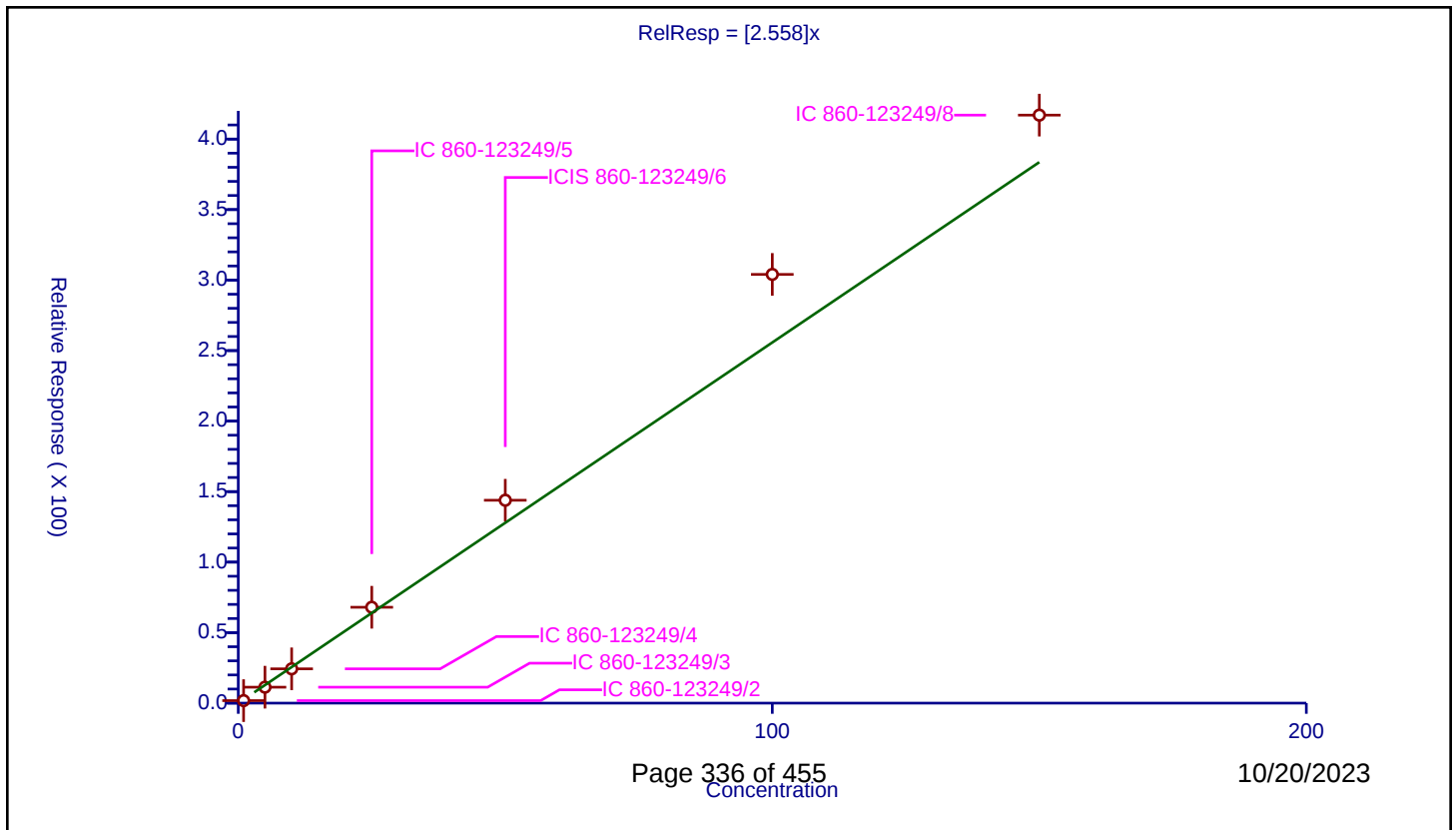
Curve Coefficients

Intercept: 0
Slope: 2.558

Error Coefficients

Standard Error: 1940000
Relative Standard Error: 16.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.790683	50.0	327780.0	1.790683	Y
2	IC 860-123249/3	5.0	11.309666	50.0	388641.0	2.261933	Y
3	IC 860-123249/4	10.0	24.326324	50.0	404163.0	2.432632	Y
4	IC 860-123249/5	25.0	67.983653	50.0	413520.0	2.719346	Y
5	ICIS 860-123249/6	50.0	143.881939	50.0	441349.0	2.877639	Y
6	IC 860-123249/7	100.0	304.033236	50.0	421225.0	3.040332	Y
7	IC 860-123249/8	150.0	416.996351	50.0	450229.0	2.779976	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

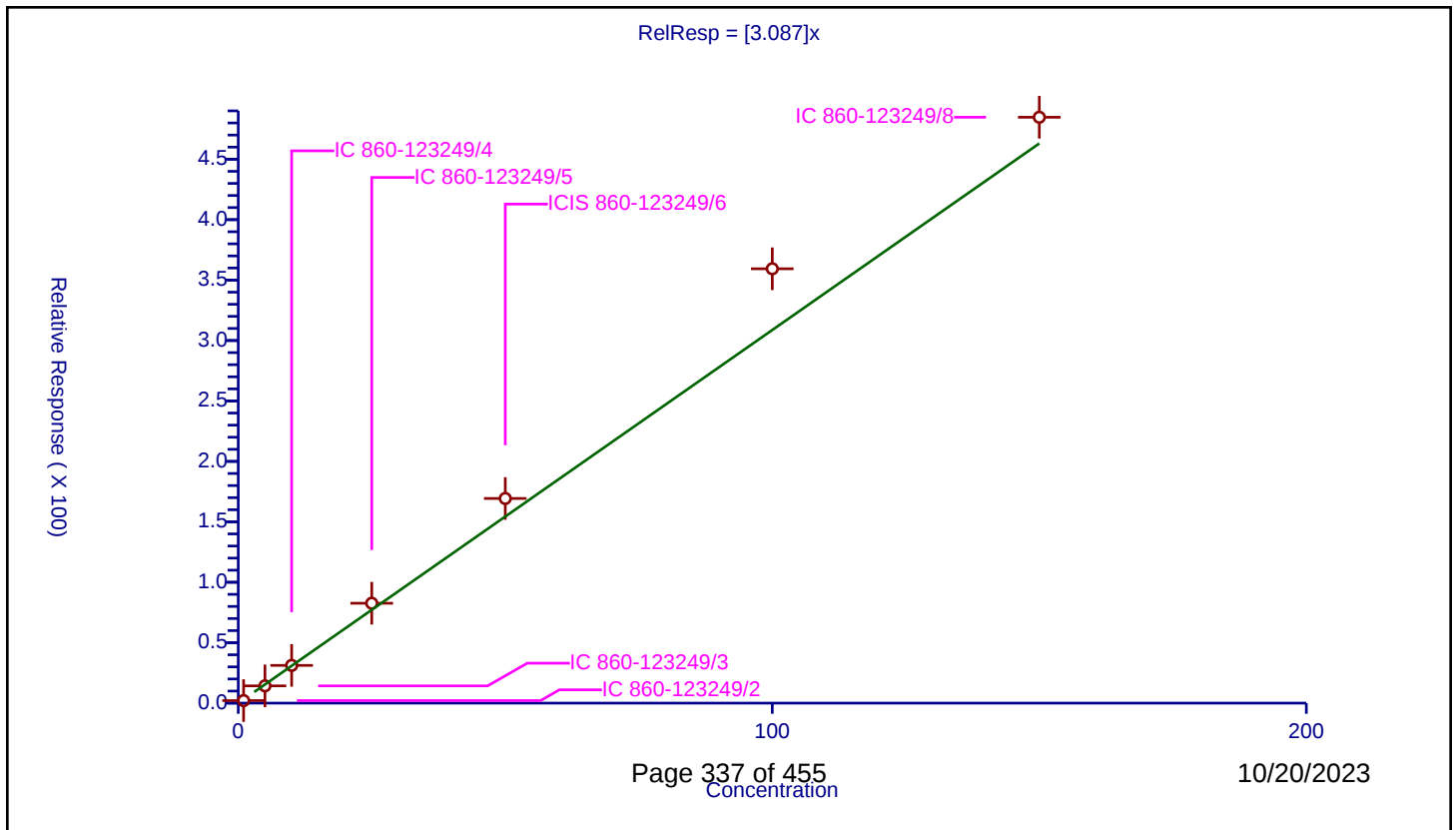
Curve Coefficients

Intercept: 0
Slope: 3.087

Error Coefficients

Standard Error: 2270000
Relative Standard Error: 15.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.114681	50.0	327780.0	2.114681	Y
2	IC 860-123249/3	5.0	14.280017	50.0	388641.0	2.856003	Y
3	IC 860-123249/4	10.0	31.208077	50.0	404163.0	3.120808	Y
4	IC 860-123249/5	25.0	82.648602	50.0	413520.0	3.305944	Y
5	ICIS 860-123249/6	50.0	169.330054	50.0	441349.0	3.386601	Y
6	IC 860-123249/7	100.0	359.365778	50.0	421225.0	3.593658	Y
7	IC 860-123249/8	150.0	484.726328	50.0	450229.0	3.231509	Y



Calibration

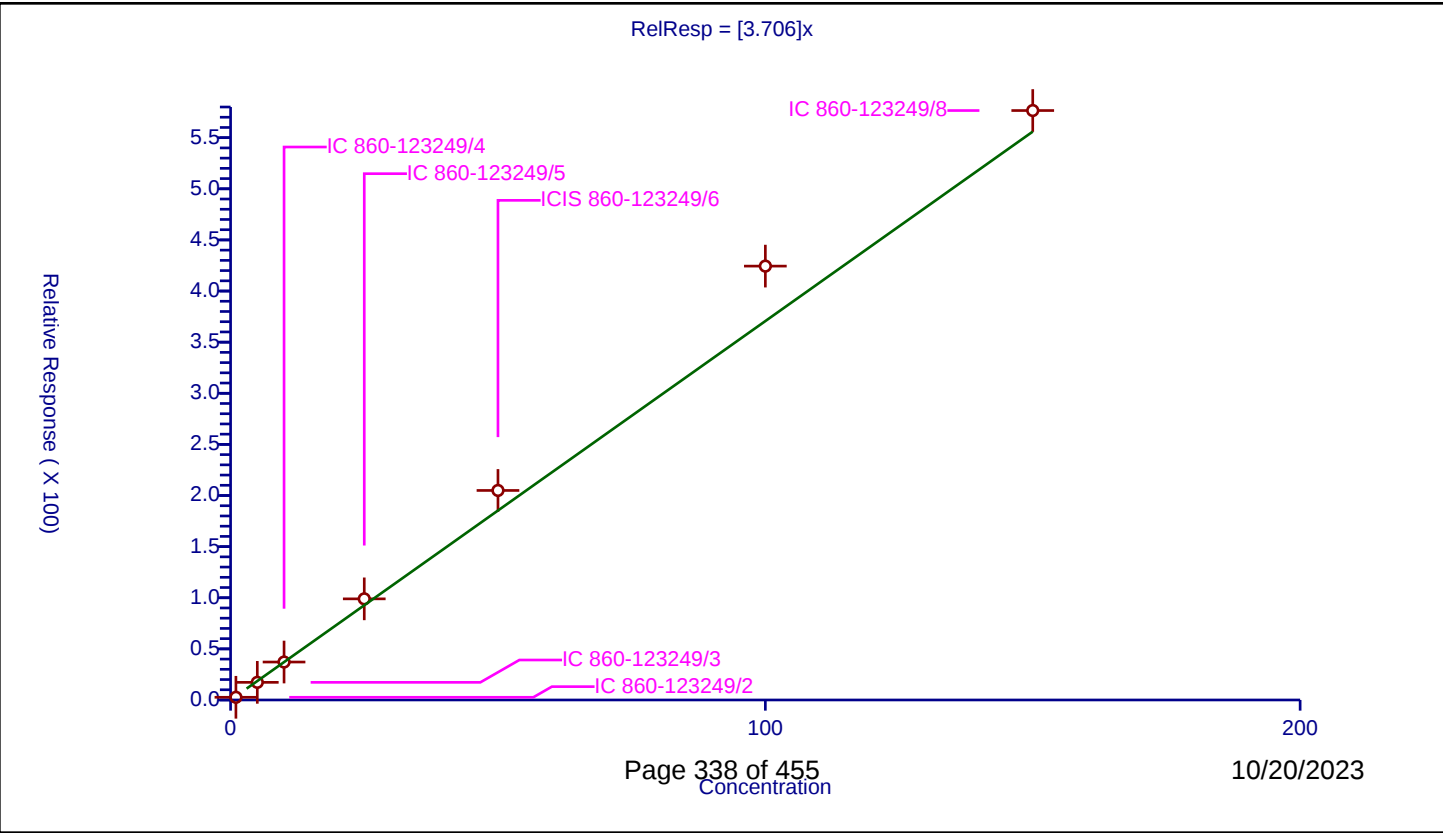
/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.706

Error Coefficients	
Standard Error:	2700000
Relative Standard Error:	14.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.634999	50.0	327780.0	2.634999	Y
2	IC 860-123249/3	5.0	17.255127	50.0	388641.0	3.451025	Y
3	IC 860-123249/4	10.0	37.137863	50.0	404163.0	3.713786	Y
4	IC 860-123249/5	25.0	98.915893	50.0	413520.0	3.956636	Y
5	ICIS 860-123249/6	50.0	204.958208	50.0	441349.0	4.099164	Y
6	IC 860-123249/7	100.0	424.389341	50.0	421225.0	4.243893	Y
7	IC 860-123249/8	150.0	576.558374	50.0	450229.0	3.843722	Y



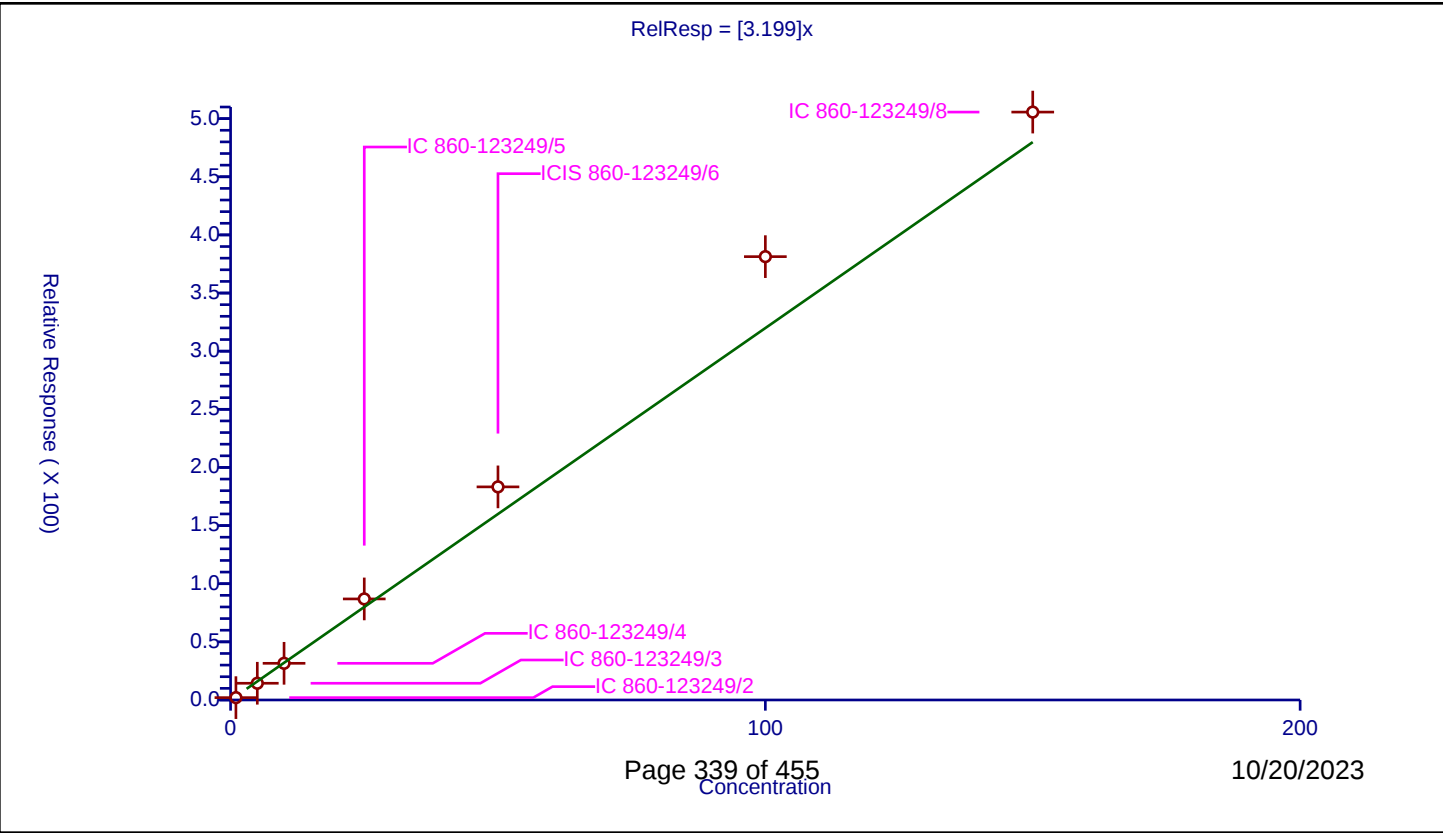
Calibration

/ 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:	3.199
Error Coefficients	
Standard Error:	2390000
Relative Standard Error:	18.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.030478	50.0	327780.0	2.030478	Y
2	IC 860-123249/3	5.0	14.399664	50.0	388641.0	2.879933	Y
3	IC 860-123249/4	10.0	31.54742	50.0	404163.0	3.154742	Y
4	IC 860-123249/5	25.0	86.906075	50.0	413520.0	3.476243	Y
5	ICIS 860-123249/6	50.0	183.279446	50.0	441349.0	3.665589	Y
6	IC 860-123249/7	100.0	381.310701	50.0	421225.0	3.813107	Y
7	IC 860-123249/8	150.0	505.631579	50.0	450229.0	3.370877	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

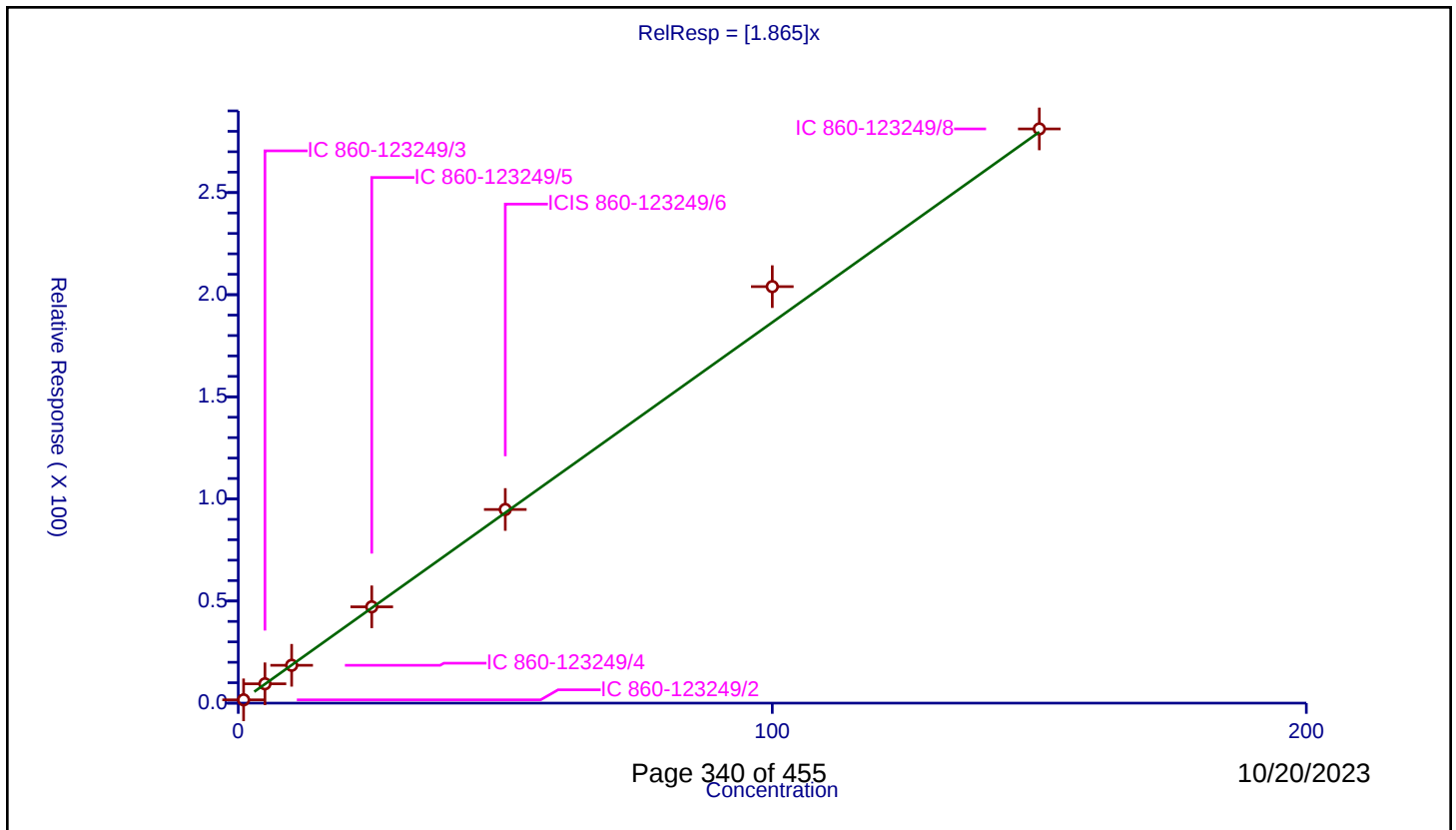
Curve Coefficients

Intercept: 0
Slope: 1.865

Error Coefficients

Standard Error: 1310000
Relative Standard Error: 6.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.610684	50.0	327780.0	1.610684	Y
2	IC 860-123249/3	5.0	9.461302	50.0	388641.0	1.89226	Y
3	IC 860-123249/4	10.0	18.523962	50.0	404163.0	1.852396	Y
4	IC 860-123249/5	25.0	47.153463	50.0	413520.0	1.886139	Y
5	ICIS 860-123249/6	50.0	94.812835	50.0	441349.0	1.896257	Y
6	IC 860-123249/7	100.0	203.95062	50.0	421225.0	2.039506	Y
7	IC 860-123249/8	150.0	281.175024	50.0	450229.0	1.8745	Y



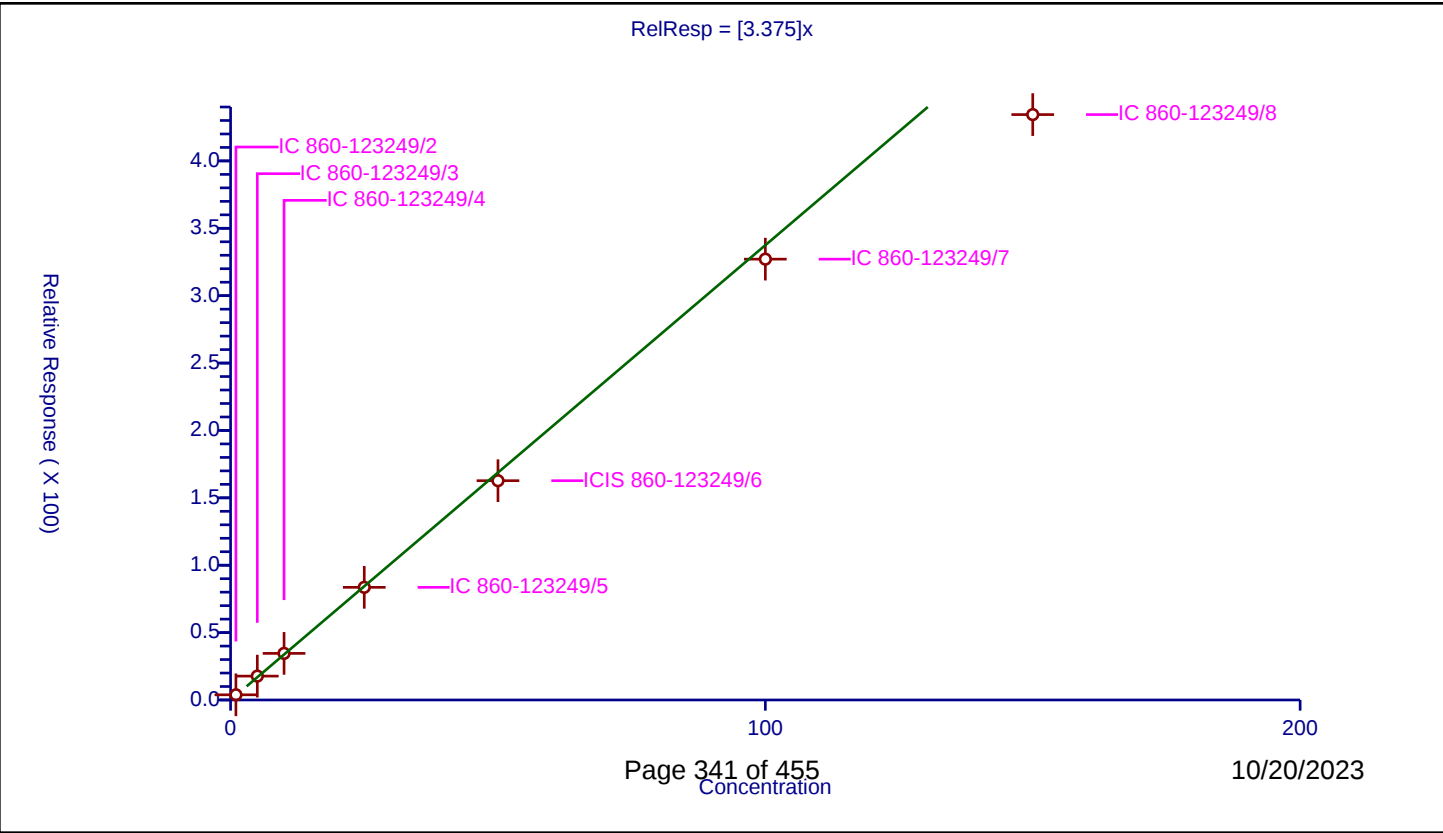
Calibration

/ Dicyclopentadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.375
Error Coefficients	
Standard Error:	2060000
Relative Standard Error:	8.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	3.85472	50.0	327780.0	3.85472	Y
2	IC 860-123249/3	5.0	17.723555	50.0	388641.0	3.544711	Y
3	IC 860-123249/4	10.0	34.581716	50.0	404163.0	3.458172	Y
4	IC 860-123249/5	25.0	83.597287	50.0	413520.0	3.343891	Y
5	ICIS 860-123249/6	50.0	162.720545	50.0	441349.0	3.254411	Y
6	IC 860-123249/7	100.0	327.122915	50.0	421225.0	3.271229	Y
7	IC 860-123249/8	150.0	434.383614	50.0	450229.0	2.895891	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

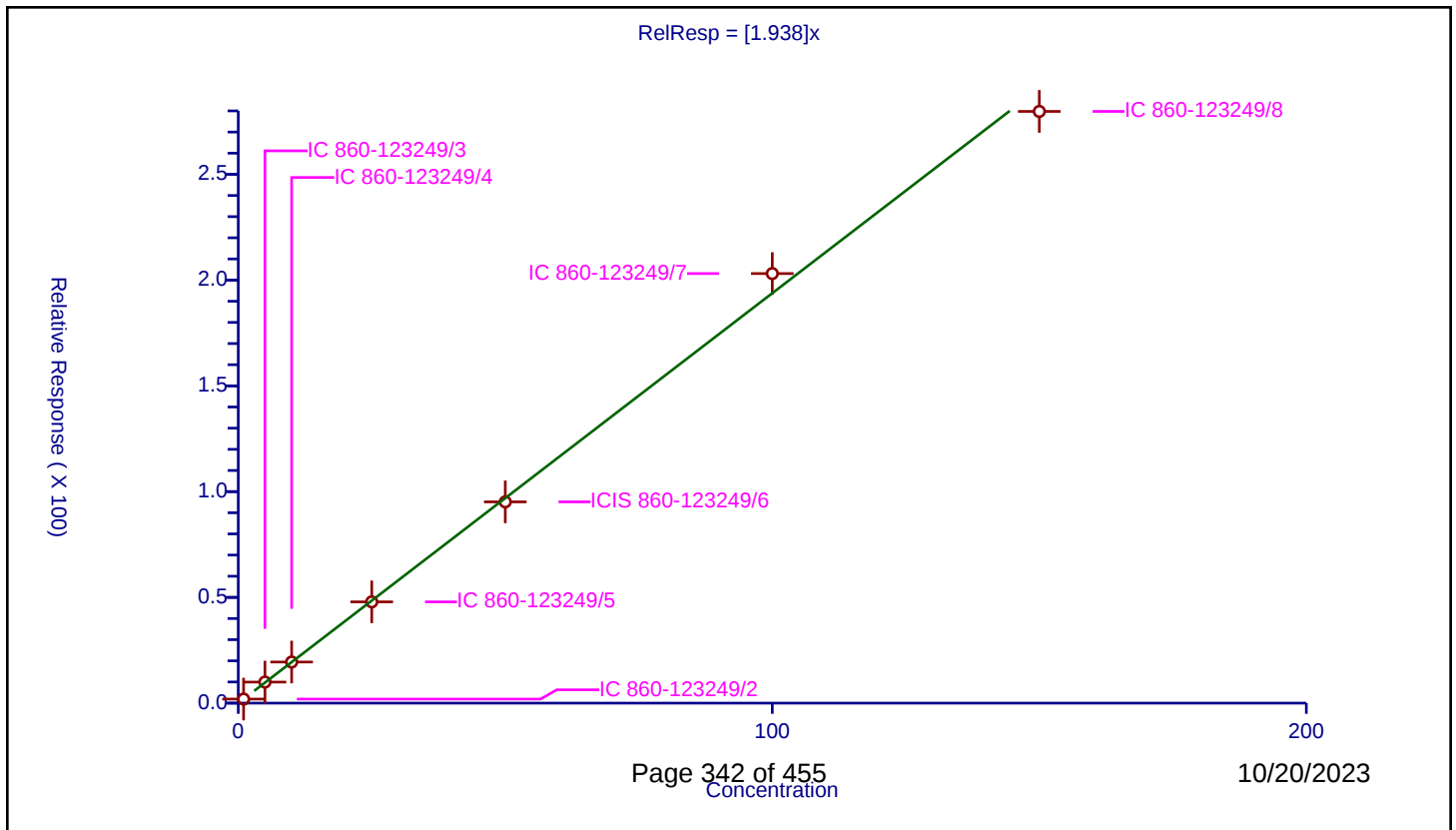
Curve Coefficients

Intercept: 0
Slope: 1.938

Error Coefficients

Standard Error: 1300000
Relative Standard Error: 2.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.918055	50.0	327780.0	1.918055	Y
2	IC 860-123249/3	5.0	9.95546	50.0	388641.0	1.991092	Y
3	IC 860-123249/4	10.0	19.439063	50.0	404163.0	1.943906	Y
4	IC 860-123249/5	25.0	47.87205	50.0	413520.0	1.914882	Y
5	ICIS 860-123249/6	50.0	95.154741	50.0	441349.0	1.903095	Y
6	IC 860-123249/7	100.0	203.091341	50.0	421225.0	2.030913	Y
7	IC 860-123249/8	150.0	279.742309	50.0	450229.0	1.864949	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

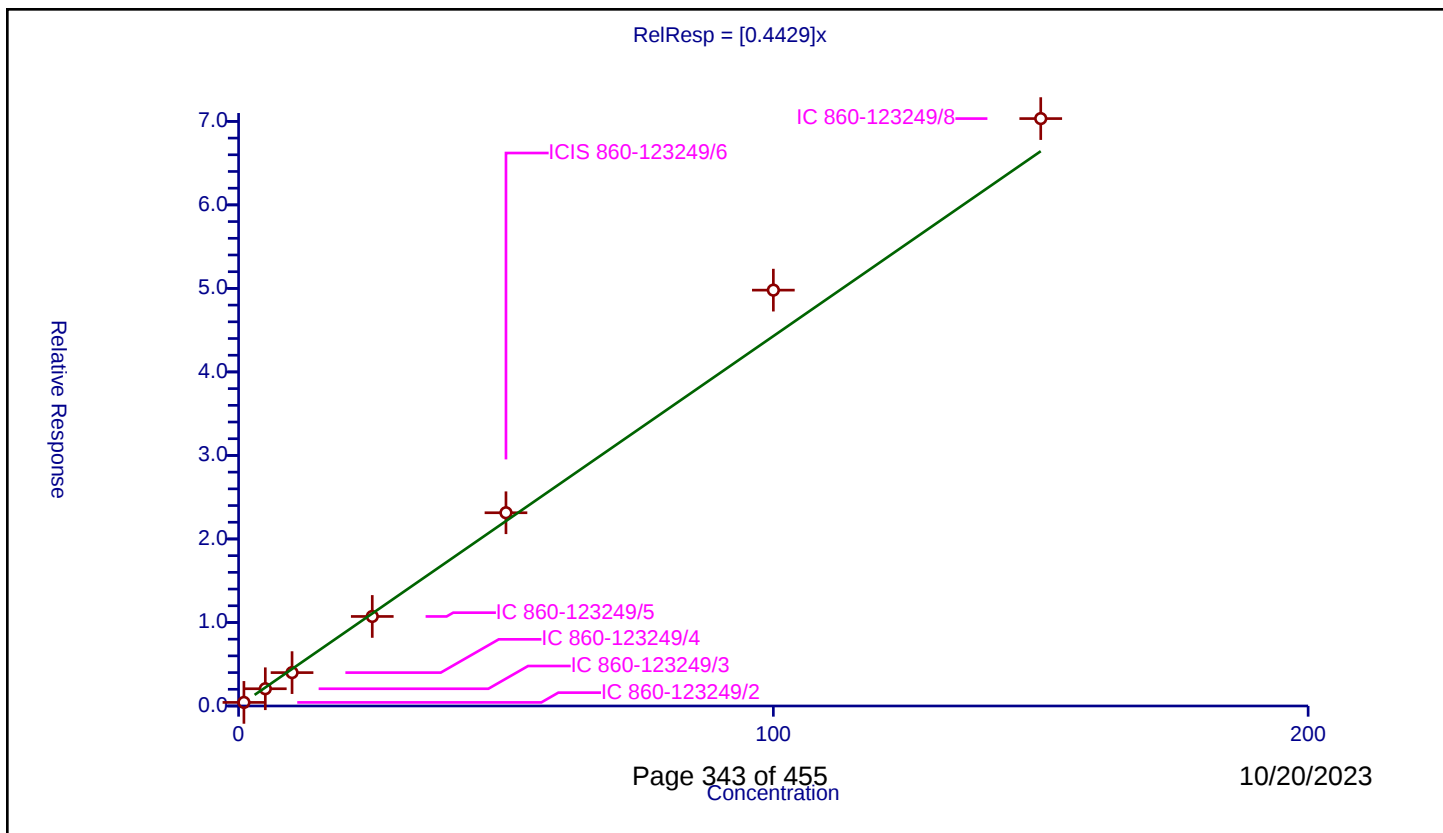
Curve Coefficients

Intercept: 0
Slope: 0.4429

Error Coefficients

Standard Error: 323000
Relative Standard Error: 7.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.429251	50.0	327780.0	0.429251	Y
2	IC 860-123249/3	5.0	2.063472	50.0	388641.0	0.412694	Y
3	IC 860-123249/4	10.0	3.996655	50.0	404163.0	0.399665	Y
4	IC 860-123249/5	25.0	10.721368	50.0	413520.0	0.428855	Y
5	ICIS 860-123249/6	50.0	23.137472	50.0	441349.0	0.462749	Y
6	IC 860-123249/7	100.0	49.792747	50.0	421225.0	0.497927	Y
7	IC 860-123249/8	150.0	70.332986	50.0	450229.0	0.468887	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

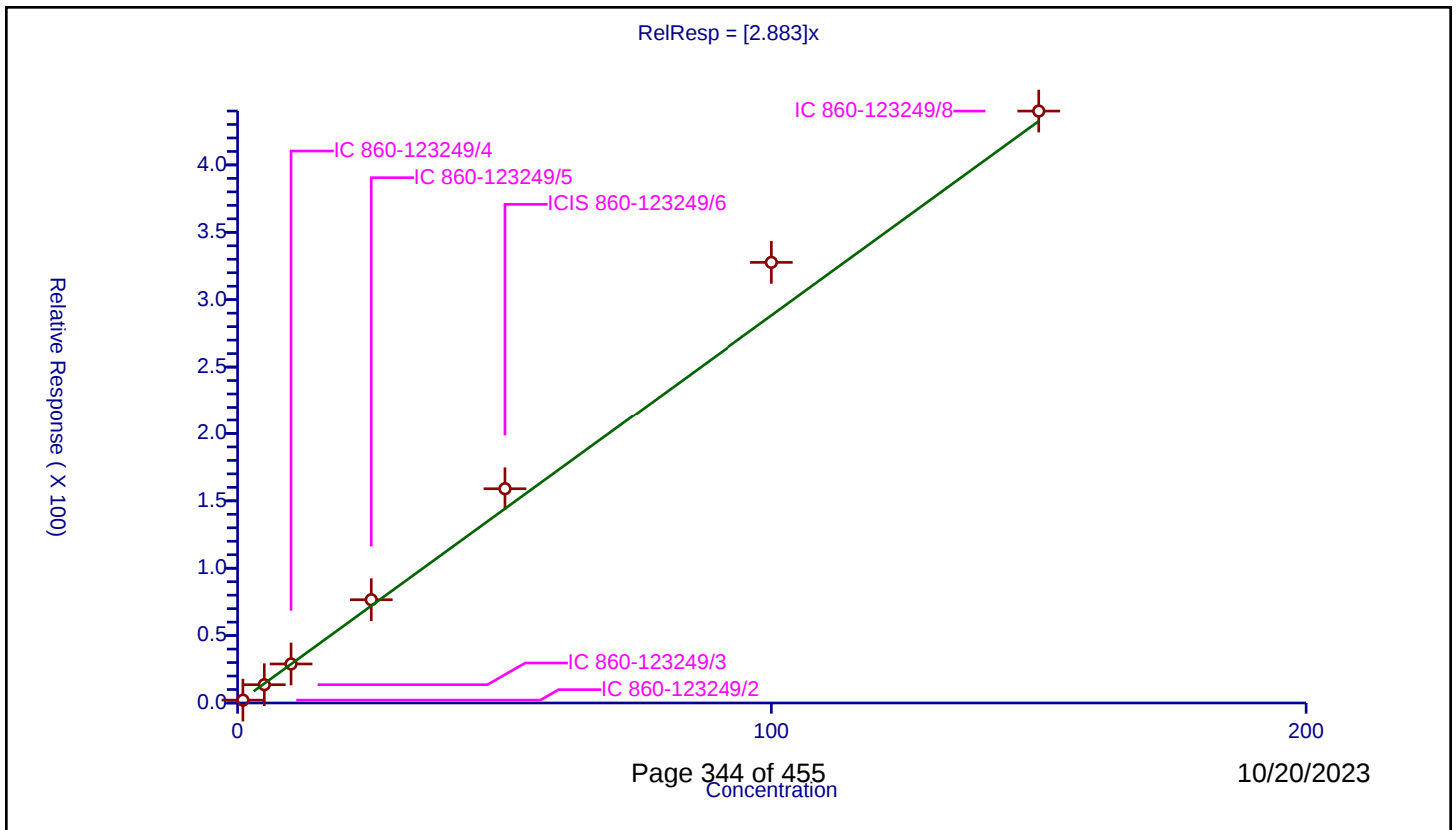
Curve Coefficients

Intercept: 0
Slope: 2.883

Error Coefficients

Standard Error: 2070000
Relative Standard Error: 13.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.118494	50.0	327780.0	2.118494	Y
2	IC 860-123249/3	5.0	13.572037	50.0	388641.0	2.714407	Y
3	IC 860-123249/4	10.0	28.955149	50.0	404163.0	2.895515	Y
4	IC 860-123249/5	25.0	76.62338	50.0	413520.0	3.064935	Y
5	ICIS 860-123249/6	50.0	158.980421	50.0	441349.0	3.179608	Y
6	IC 860-123249/7	100.0	327.686391	50.0	421225.0	3.276864	Y
7	IC 860-123249/8	150.0	439.956333	50.0	450229.0	2.933042	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

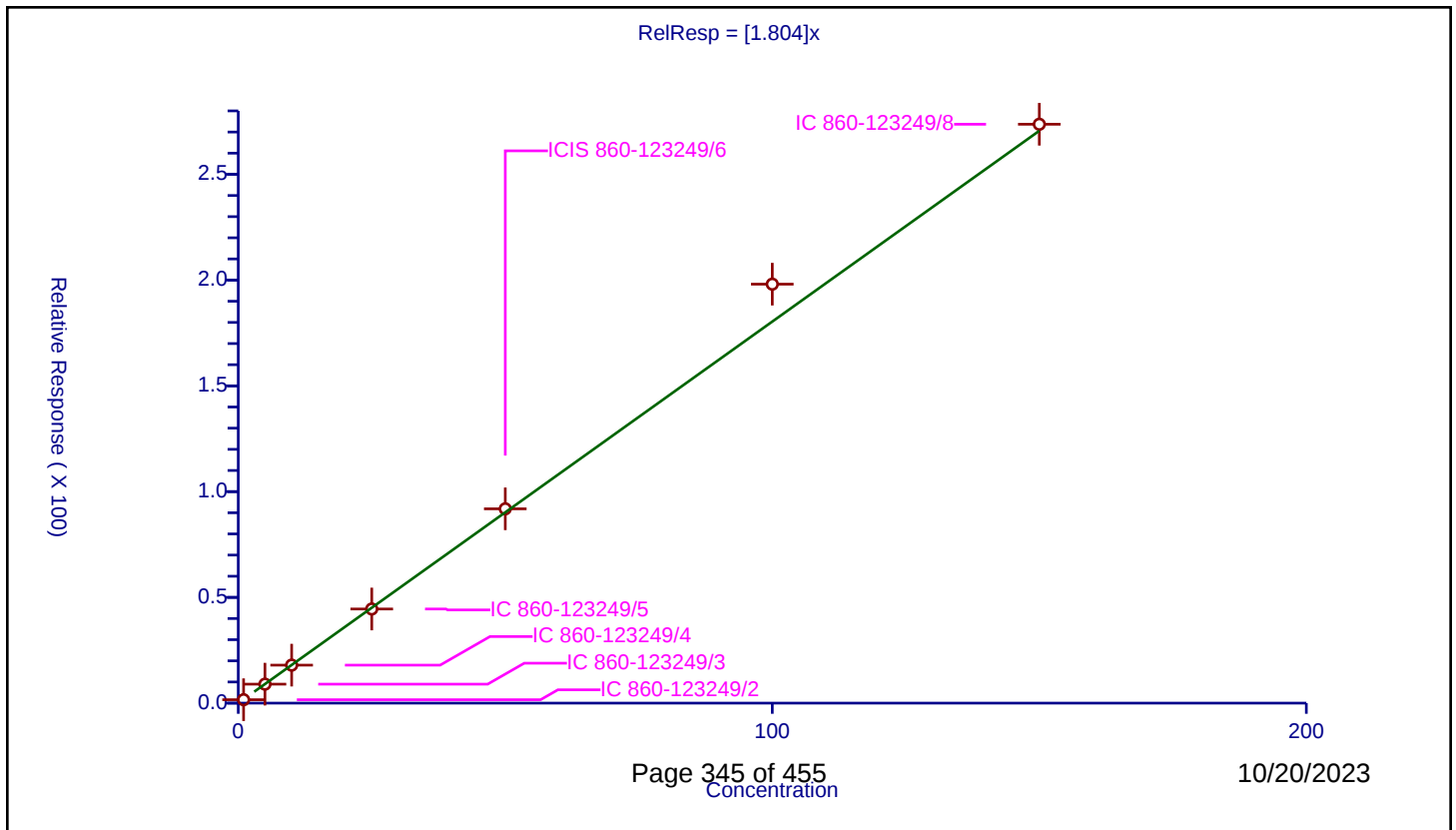
Curve Coefficients

Intercept: 0
Slope: 1.804

Error Coefficients

Standard Error: 1270000
Relative Standard Error: 6.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.613887	50.0	327780.0	1.613887	Y
2	IC 860-123249/3	5.0	8.968302	50.0	388641.0	1.79366	Y
3	IC 860-123249/4	10.0	17.964905	50.0	404163.0	1.796491	Y
4	IC 860-123249/5	25.0	44.506553	50.0	413520.0	1.780262	Y
5	ICIS 860-123249/6	50.0	91.865848	50.0	441349.0	1.837317	Y
6	IC 860-123249/7	100.0	198.07953	50.0	421225.0	1.980795	Y
7	IC 860-123249/8	150.0	273.676729	50.0	450229.0	1.824512	Y



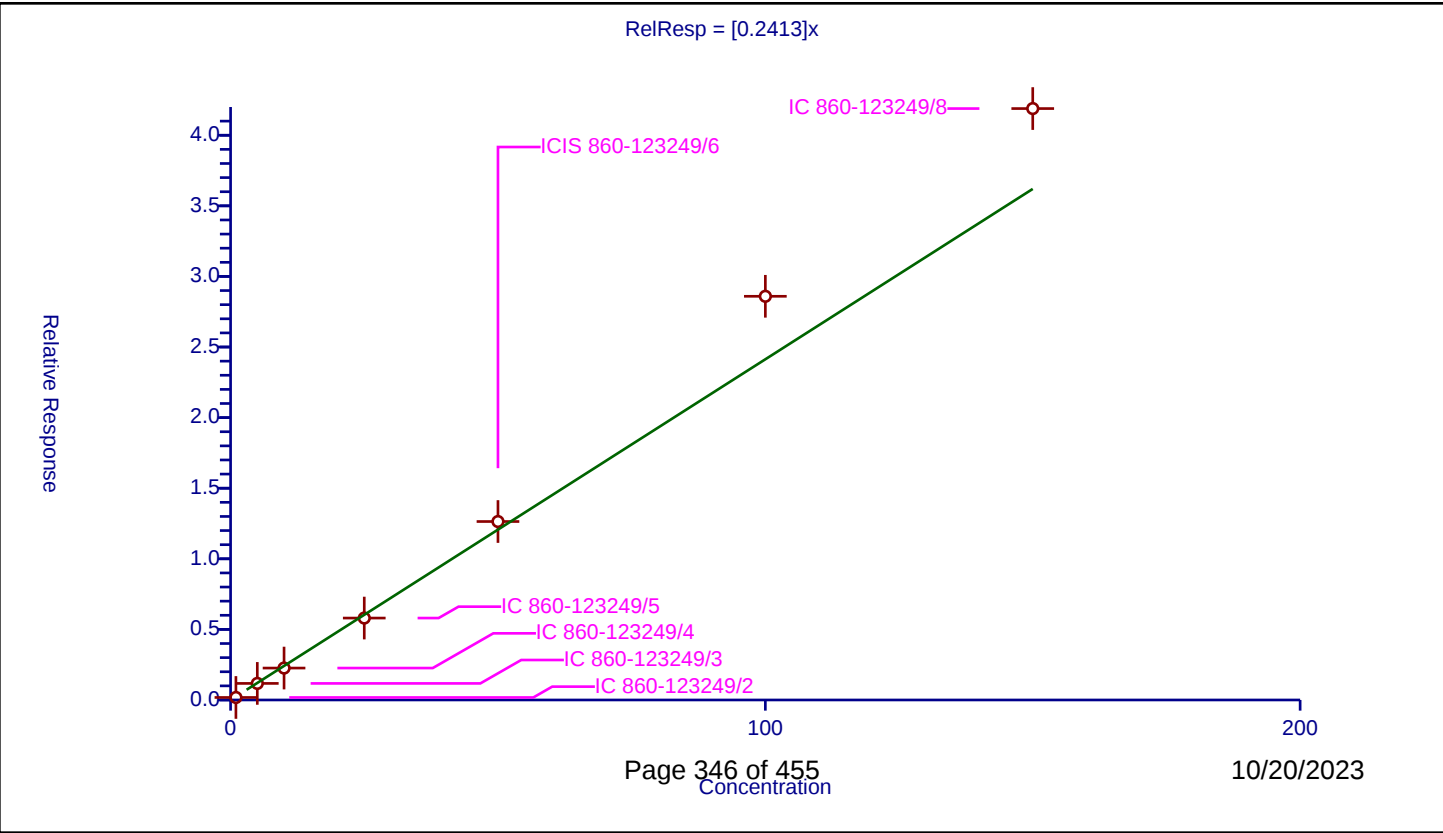
Calibration

/ 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:	0.2413
Error Coefficients	
Standard Error:	189000
Relative Standard Error:	15.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.178168	50.0	327780.0	0.178168	Y
2	IC 860-123249/3	5.0	1.173705	50.0	388641.0	0.234741	Y
3	IC 860-123249/4	10.0	2.262082	50.0	404163.0	0.226208	Y
4	IC 860-123249/5	25.0	5.802742	50.0	413520.0	0.23211	Y
5	ICIS 860-123249/6	50.0	12.640563	50.0	441349.0	0.252811	Y
6	IC 860-123249/7	100.0	28.593744	50.0	421225.0	0.285937	Y
7	IC 860-123249/8	150.0	41.889683	50.0	450229.0	0.279265	Y



Calibration

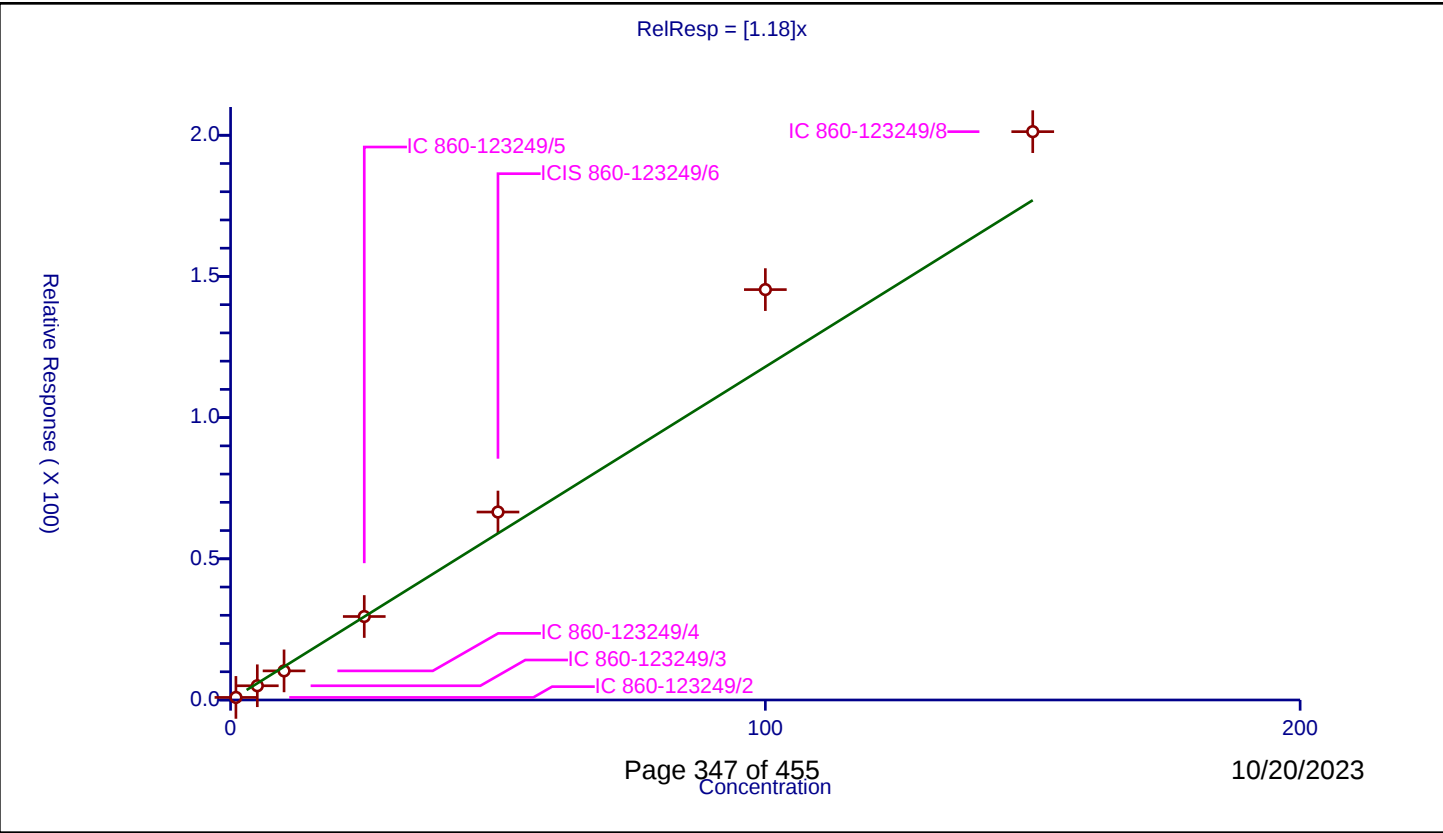
/ 1,2,4-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.18

Error Coefficients	
Standard Error:	931000
Relative Standard Error:	17.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.910977	50.0	327780.0	0.910977	Y
2	IC 860-123249/3	5.0	5.042957	50.0	388641.0	1.008591	Y
3	IC 860-123249/4	10.0	10.3123	50.0	404163.0	1.03123	Y
4	IC 860-123249/5	25.0	29.562294	50.0	413520.0	1.182492	Y
5	ICIS 860-123249/6	50.0	66.563762	50.0	441349.0	1.331275	Y
6	IC 860-123249/7	100.0	145.333373	50.0	421225.0	1.453334	Y
7	IC 860-123249/8	150.0	201.270687	50.0	450229.0	1.341805	Y



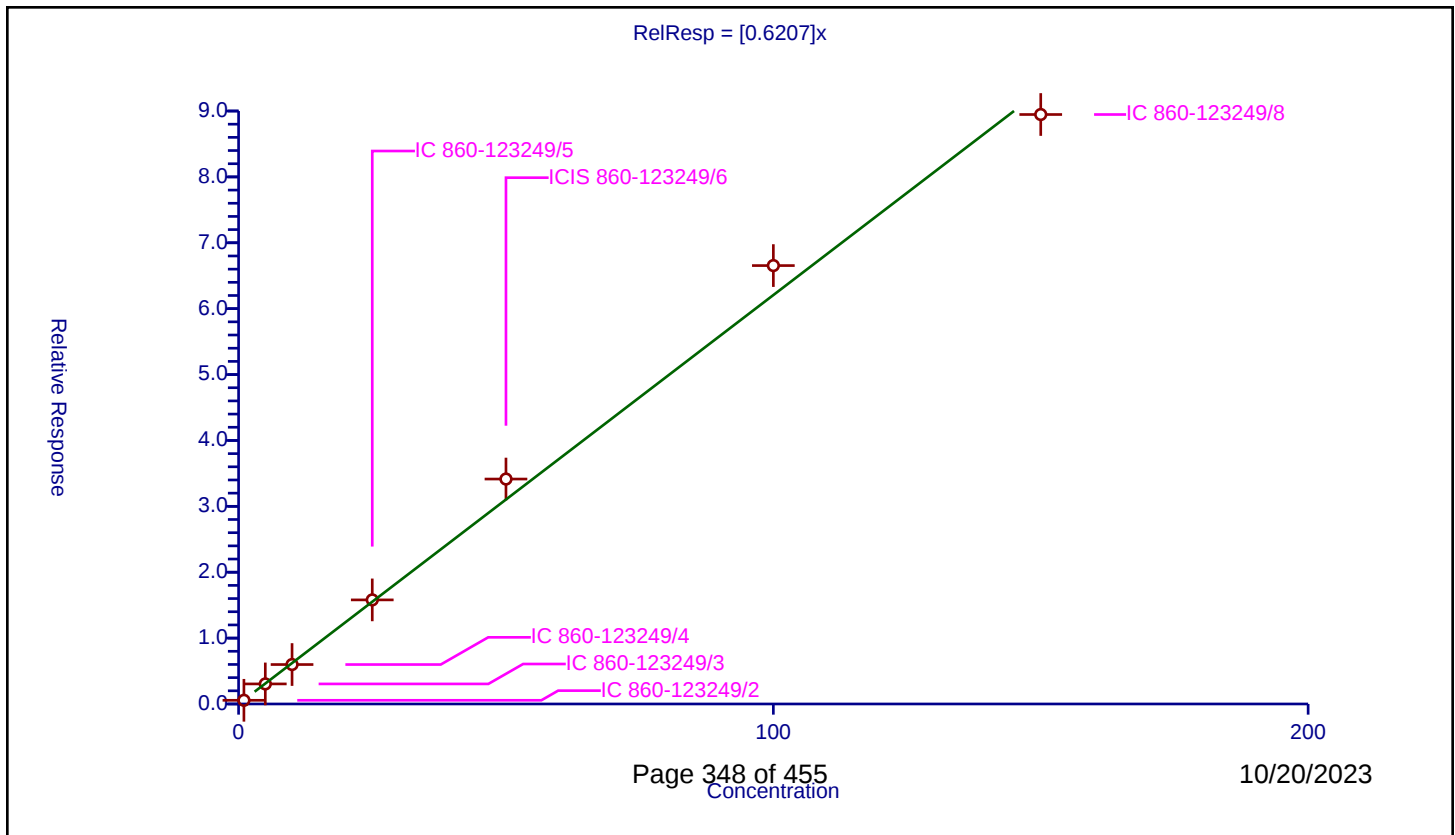
Calibration

/ 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:	0.6207
Error Coefficients	
Standard Error:	423000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.559827	50.0	327780.0	0.559827	Y
2	IC 860-123249/3	5.0	3.045613	50.0	388641.0	0.609123	Y
3	IC 860-123249/4	10.0	5.989044	50.0	404163.0	0.598904	Y
4	IC 860-123249/5	25.0	15.800445	50.0	413520.0	0.632018	Y
5	ICIS 860-123249/6	50.0	34.143274	50.0	441349.0	0.682865	Y
6	IC 860-123249/7	100.0	66.541872	50.0	421225.0	0.665419	Y
7	IC 860-123249/8	150.0	89.468137	50.0	450229.0	0.596454	Y



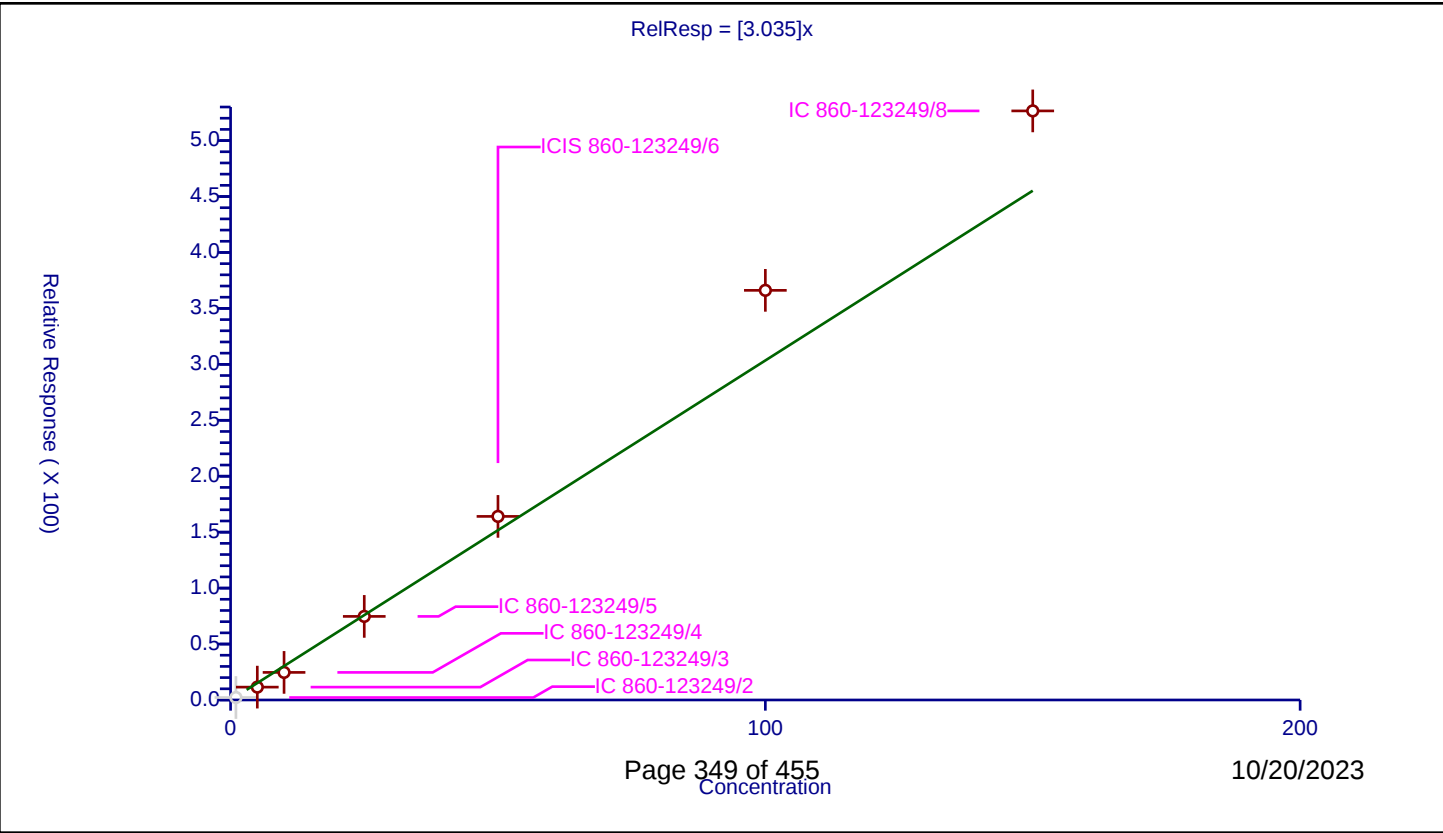
Calibration

/ 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:	3.035
Error Coefficients	
Standard Error:	2630000
Relative Standard Error:	18.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	2.215053	50.0	327780.0	2.215053	N
2	IC 860-123249/3	5.0	11.507921	50.0	388641.0	2.301584	Y
3	IC 860-123249/4	10.0	24.650698	50.0	404163.0	2.46507	Y
4	IC 860-123249/5	25.0	74.698201	50.0	413520.0	2.987928	Y
5	ICIS 860-123249/6	50.0	164.082619	50.0	441349.0	3.281652	Y
6	IC 860-123249/7	100.0	366.143391	50.0	421225.0	3.661434	Y
7	IC 860-123249/8	150.0	526.513397	50.0	450229.0	3.510089	Y



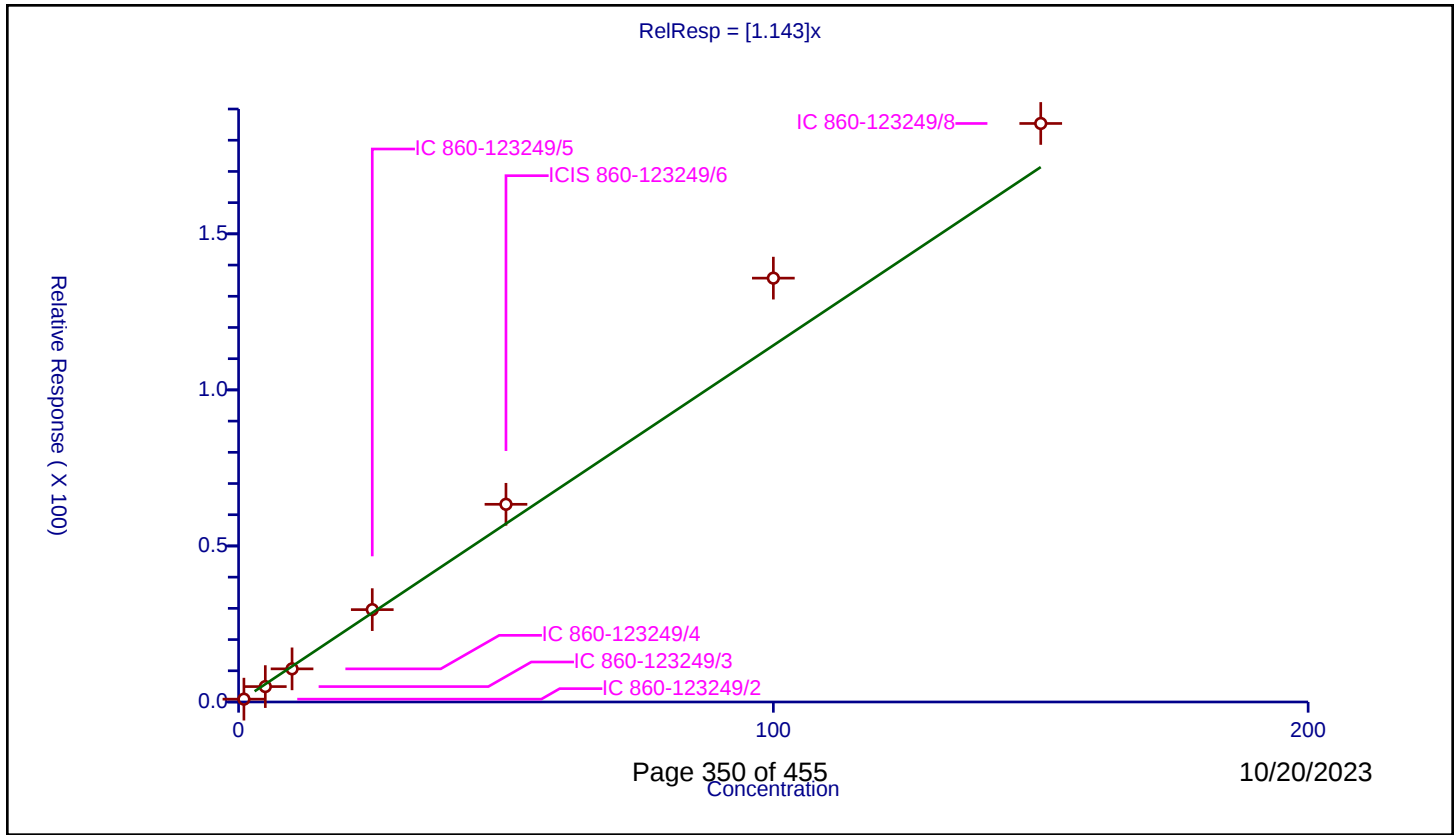
Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.143
Error Coefficients	
Standard Error:	864000
Relative Standard Error:	14.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.906096	50.0	327780.0	0.906096	Y
2	IC 860-123249/3	5.0	4.9309	50.0	388641.0	0.98618	Y
3	IC 860-123249/4	10.0	10.614653	50.0	404163.0	1.061465	Y
4	IC 860-123249/5	25.0	29.593248	50.0	413520.0	1.18373	Y
5	ICIS 860-123249/6	50.0	63.34862	50.0	441349.0	1.266972	Y
6	IC 860-123249/7	100.0	135.81174	50.0	421225.0	1.358117	Y
7	IC 860-123249/8	150.0	185.365336	50.0	450229.0	1.235769	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

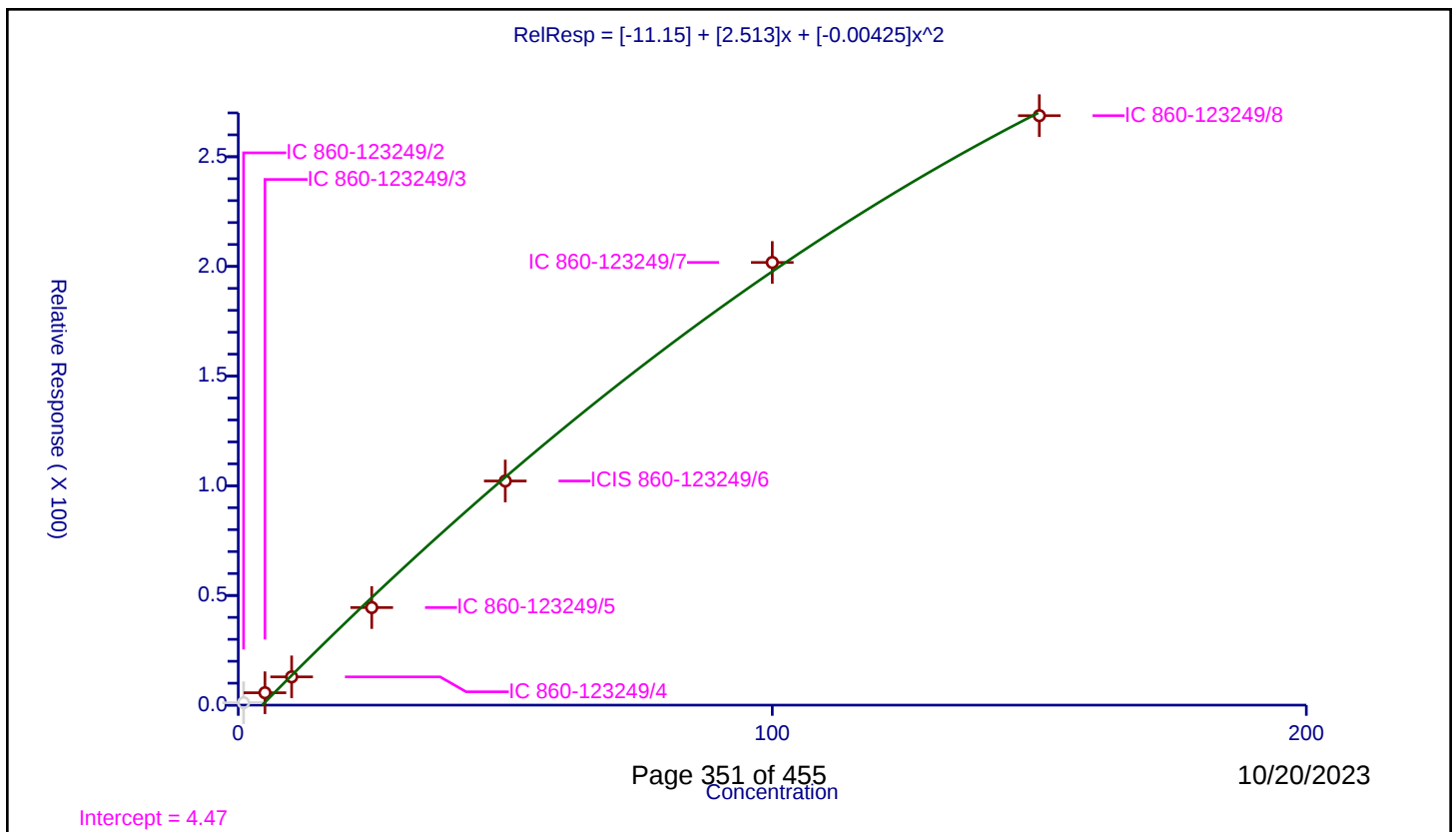
Curve Coefficients

Intercept: -11.15
Slope: 2.513
Second Order: -0.00425

Error Coefficients

Standard Error: 1800000
Relative Standard Error: 21.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	1.096925	50.0	327780.0	1.096925	N
2	IC 860-123249/3	5.0	5.64557	50.0	388641.0	1.129114	Y
3	IC 860-123249/4	10.0	12.87822	50.0	404163.0	1.287822	Y
4	IC 860-123249/5	25.0	44.488537	50.0	413520.0	1.779541	Y
5	ICIS 860-123249/6	50.0	102.182853	50.0	441349.0	2.043657	Y
6	IC 860-123249/7	100.0	201.812808	50.0	421225.0	2.018128	Y
7	IC 860-123249/8	150.0	268.733911	50.0	450229.0	1.791559	Y



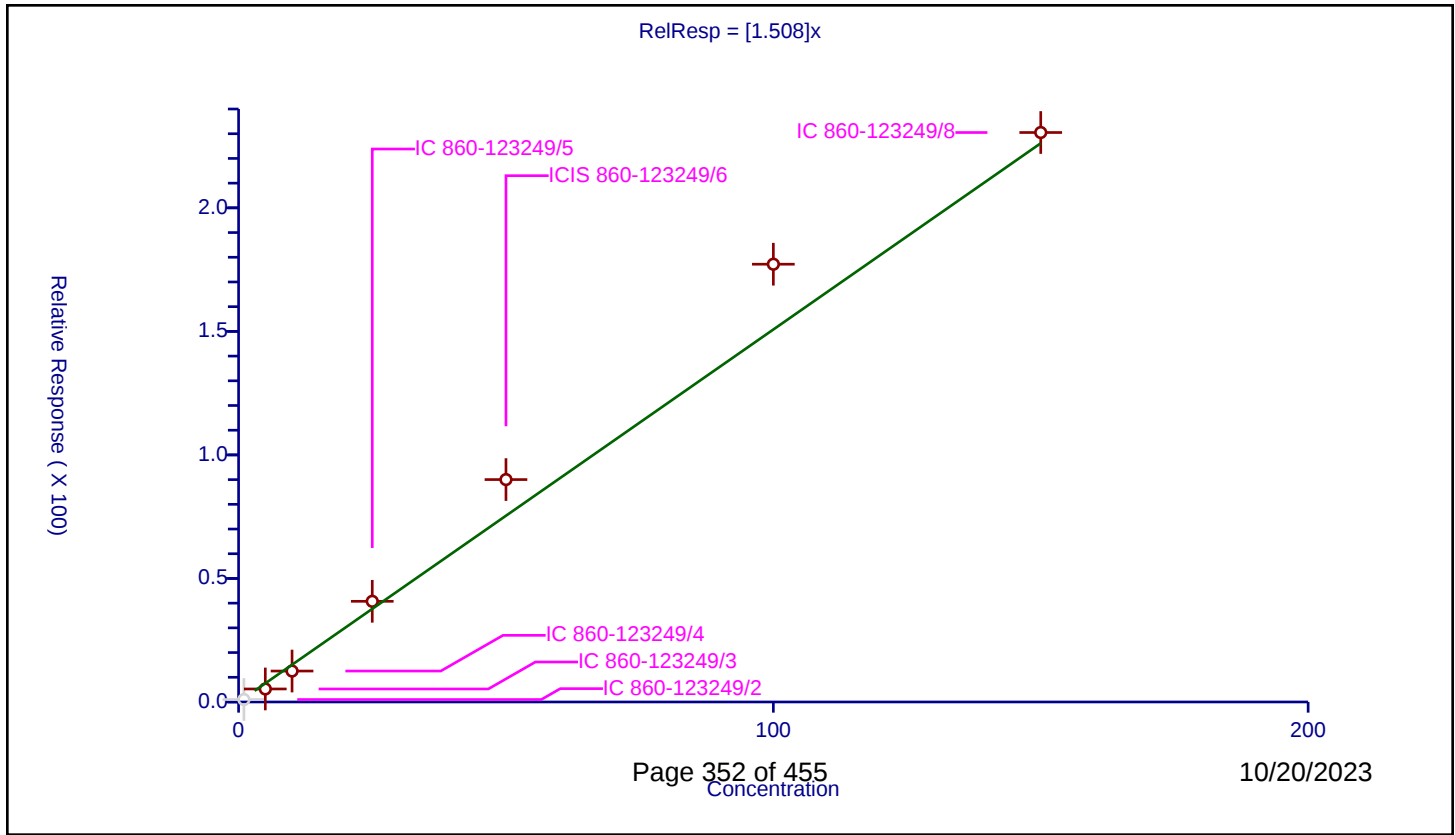
Calibration

/ 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:	1.508
Error Coefficients	
Standard Error:	1210000
Relative Standard Error:	19.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 860-123249/2	1.0	0.995485	50.0	327780.0	0.995485	N
2	IC 860-123249/3	5.0	5.271575	50.0	388641.0	1.054315	Y
3	IC 860-123249/4	10.0	12.525268	50.0	404163.0	1.252527	Y
4	IC 860-123249/5	25.0	40.744946	50.0	413520.0	1.629798	Y
5	ICIS 860-123249/6	50.0	90.018557	50.0	441349.0	1.800371	Y
6	IC 860-123249/7	100.0	177.186895	50.0	421225.0	1.771869	Y
7	IC 860-123249/8	150.0	230.490151	50.0	450229.0	1.536601	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: ICV 860-124041/11Calibration Date: 09/29/2023 13:25

Instrument ID: A292Calib Start Date: 09/25/2023 11:35

GC Column: DB-624ID: 0.25 (mm)Calib End Date: 09/25/2023 13:59

Lab File ID: E09292313.DConc. Units: ug/LHeated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitropropane	Ave	0.0918				100		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: ICV 860-124041/11 Calibration Date: 09/29/2023 13:25

Instrument ID: A292 Calib Start Date: 09/29/2023 10:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/29/2023 12:23

Lab File ID: E09292313.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	0.4308	0.4125		47.9	50.0	-4.3	30.0
Chloromethane	Ave	0.5188	0.5161		49.8	50.0	-0.5	30.0
Vinyl chloride	Ave	0.5774	0.5655		49.0	50.0	-2.1	30.0
1,3-Butadiene	Ave	0.5147	0.5038		48.9	50.0	-2.1	30.0
Ethylene oxide	Ave	0.1251	0.1291		516	500	3.1	30.0
Bromomethane	Ave	0.3665	0.3587		48.9	50.0	-2.1	30.0
Chloroethane	Ave	0.3144	0.3200		50.9	50.0	1.8	30.0
Dichlorofluoromethane	Ave	0.9188	0.8905		48.5	50.0	-3.1	30.0
Trichlorofluoromethane	Ave	0.7338	0.7169		48.9	50.0	-2.3	30.0
Diethyl ether	Ave	0.4207	0.4053		48.2	50.0	-3.7	30.0
Acrolein	Ave	0.0816	0.0826		253	250	1.3	30.0
1,1-Dichloroethene	Ave	0.3850	0.3608		46.9	50.0	-6.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3354	0.3028		45.1	50.0	-9.7	30.0
Acetone	Ave	0.0626	0.0548		219	250	-12.5	30.0
Iodomethane (Methyl Iodide)	Qua		0.5310		44.8	50.0	-10.5	30.0
Carbon disulfide	Ave	1.281	1.151		44.9	50.0	-10.2	30.0
Isopropyl alcohol	Ave	0.0406	0.0377		464	500	-7.3	30.0
Acetonitrile	Ave	0.0498	0.0519		521	500	4.2	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.2772	0.2422		43.7	50.0	-12.6	30.0
Methyl acetate	Ave	0.5189	0.5132		98.9	100	-1.1	30.0
Methylene Chloride	Ave	0.5366	0.4716		43.9	50.0	-12.1	30.0
tert-Butyl alcohol	Ave	0.0608	0.0594		488	500	-2.4	30.0
Acrylonitrile	Ave	0.2443	0.2400		491	500	-1.7	30.0
trans-1,2-Dichloroethene	Ave	0.4512	0.4119		45.6	50.0	-8.7	30.0
MTBE	Ave	1.513	1.482		49.0	50.0	-2.0	30.0
n-Hexane	Ave	0.6337	0.5718		45.1	50.0	-9.8	30.0
1,1-Dichloroethane	Ave	0.9358	0.8365		44.7	50.0	-10.6	30.0
Vinyl acetate	Ave	1.464	1.453		248	250	-0.7	30.0
Chloroprene	Ave	0.7897	0.7351		46.5	50.0	-6.9	30.0
Isopropyl ether	Ave	1.753	1.674		47.8	50.0	-4.5	30.0
Ethyl tert-butyl ether	Ave	1.511	1.479		49.0	50.0	-2.1	30.0
2,2-Dichloropropane	Ave	0.7072	0.6481		45.8	50.0	-8.4	30.0
cis-1,2-Dichloroethene	Ave	0.8424	0.7843		46.6	50.0	-6.9	30.0
2-Butanone	Ave	0.0758	0.0753		248	250	-0.7	30.0
Propane Nitrile (Propionitrile)	Ave	0.0949	0.0945		498	500	-0.4	30.0
Ethyl acetate	Ave	0.7399	0.7552		102	100	2.1	30.0
Bromochloromethane	Ave	0.3641	0.3464		47.6	50.0	-4.9	30.0
Methacrylonitrile	Ave	0.2694	0.2719		505	500	0.9	30.0
Tetrahydrofuran	Ave	0.2231	0.2212		99.1	100	-0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: ICV 860-124041/11 Calibration Date: 09/29/2023 13:25

Instrument ID: A292 Calib Start Date: 09/29/2023 10:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/29/2023 12:23

Lab File ID: E09292313.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
Chloroform	Ave	0.9462	0.8890		47.0	50.0	-6.0	30.0
1,1,1-Trichloroethane	Ave	0.7852	0.7134		45.4	50.0	-9.2	30.0
Cyclohexane	Linl		0.5751		44.7	50.0	-10.7	30.0
1,1-Dichloropropene	Ave	0.6729	0.6354		47.2	50.0	-5.6	30.0
Carbon tetrachloride	Ave	0.6402	0.5901		46.1	50.0	-7.8	30.0
Benzene	Ave	1.299	1.230		47.3	50.0	-5.3	30.0
1,2-Dichloroethane	Ave	0.5147	0.4959		48.2	50.0	-3.6	30.0
2,2,4-Trimethylpentane	Ave	1.006	0.9823		48.8	50.0	-2.3	30.0
Tert-amyl methyl ether	Ave	0.8724	0.9117		52.3	50.0	4.5	30.0
Isobutanol	Ave	0.0177	0.0166		1162	1240	-6.3	30.0
n-Butanol	Ave	0.0197	0.0216		1383	1260	9.8	30.0
Trichloroethene	Ave	0.3246	0.3080		47.5	50.0	-5.1	30.0
Ethyl acrylate	Ave	1.053	1.161		55.1	50.0	10.3	30.0
Methylcyclohexane	Ave	0.5031	0.4848		48.2	50.0	-3.6	30.0
1,2-Dichloropropane	Ave	0.3926	0.3763		47.9	50.0	-4.1	30.0
Dibromomethane	Ave	0.2468	0.2390		48.4	50.0	-3.2	30.0
Methyl methacrylate	Ave	0.2902	0.3017		104	100	4.0	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0036	0.0037		1026	1000	2.6	30.0
Bromodichloromethane	Ave	0.4669	0.4517		48.4	50.0	-3.3	30.0
2-Chloroethyl vinyl ether	Ave	0.2497	0.2599		52.1	50.0	4.1	30.0
Epichlorohydrin	Ave	0.0398	0.0415		523	500	4.4	30.0
cis-1,3-Dichloropropene	Ave	0.5523	0.5471		49.5	50.0	-0.9	30.0
4-Methyl-2-pentanone	Ave	0.4363	0.4541		260	250	4.1	30.0
Toluene	Ave	0.8789	0.8325		47.4	50.0	-5.3	30.0
trans-1,3-Dichloropropene	Ave	0.5554	0.5710		51.4	50.0	2.8	30.0
Ethyl methacrylate	Ave	0.5154	0.5460		53.0	50.0	5.9	30.0
1,1,2-Trichloroethane	Ave	0.3324	0.3348		50.4	50.0	0.7	30.0
Tetrachloroethene	Ave	0.2941	0.2847		48.4	50.0	-3.2	30.0
1,3-Dichloropropane	Ave	0.5970	0.6036		50.6	50.0	1.1	30.0
2-Hexanone	Ave	0.3436	0.3651		266	250	6.3	30.0
n-Butyl acetate	Ave	0.7385	0.7737		52.4	50.0	4.8	30.0
Dibromochloromethane	Ave	0.4043	0.4093		50.6	50.0	1.3	30.0
1,2-Dibromoethane	Ave	0.3788	0.3908		51.6	50.0	3.2	30.0
1-Chlorohexane	Linl		0.3768		47.2	50.0	-5.7	30.0
Chlorobenzene	Ave	0.9754	0.9503		48.7	50.0	-2.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3467	0.3477		50.1	50.0	0.3	30.0
Ethylbenzene	Ave	1.640	1.640		50.0	50.0	0.0	30.0
m,p-Xylenes	Ave	1.277	1.280		50.1	50.0	0.2	30.0
o-Xylene	Ave	1.317	1.340		50.9	50.0	1.8	30.0
Styrene	Ave	0.9260	0.9594		51.8	50.0	3.6	30.0
Bromoform	Ave	0.2900	0.2983		51.4	50.0	2.9	30.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: ICV 860-124041/11 Calibration Date: 09/29/2023 13:25

Instrument ID: A292 Calib Start Date: 09/29/2023 10:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/29/2023 12:23

Lab File ID: E09292313.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
Isopropylbenzene	Ave	1.489	1.535		51.6	50.0	3.1	30.0
cis-1,4-Dichloro-2-butene	Ave	0.1820	0.1862		51.7	50.5	2.3	30.0
Cyclohexanone	Ave	0.0146	0.0158		2702	2500	8.1	30.0
1,1,2,2-Tetrachloroethane	Ave	1.020	1.058		51.9	50.0	3.7	30.0
Bromobenzene	Ave	0.8055	0.8245		51.2	50.0	2.4	30.0
1,2,3-Trichloropropane	Ave	1.131	1.216		53.8	50.0	7.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2900	0.3069		52.9	50.0	5.8	30.0
N-Propylbenzene	Ave	3.597	3.786		52.6	50.0	5.2	30.0
2-Chlorotoluene	Ave	2.507	2.577		51.4	50.0	2.8	30.0
4-Ethyltoluene	Ave	2.867	3.042		53.1	50.0	6.1	30.0
1,3,5-Trimethylbenzene	Ave	2.540	2.673		52.6	50.0	5.3	30.0
4-Chlorotoluene	Ave	2.516	2.616		52.0	50.0	4.0	30.0
tert-Butylbenzene	Ave	2.059	2.218		53.9	50.0	7.8	30.0
1,2,4-Trimethylbenzene	Ave	2.574	2.755		53.5	50.0	7.0	30.0
sec-Butylbenzene	Ave	3.082	3.312		53.8	50.0	7.5	30.0
1,3-Dichlorobenzene	Ave	1.471	1.518		51.6	50.0	3.2	30.0
p-Cymene (p-Isopropyltoluene)	Ave	2.561	2.816		55.0	50.0	9.9	30.0
1,4-Dichlorobenzene	Ave	1.515	1.532		50.6	50.0	1.1	30.0
Dicyclopentadiene	Ave	3.353	3.523		52.5	50.0	5.1	30.0
Benzyl chloride	Ave	0.2386	0.2482		52.0	50.0	4.0	30.0
n-Butylbenzene	Ave	2.595	2.769		53.4	50.0	6.7	30.0
1,2-Dichlorobenzene	Ave	1.459	1.508		51.7	50.0	3.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1923	0.2080		54.1	50.0	8.2	30.0
1,2,4-Trichlorobenzene	Ave	0.9945	1.052		52.9	50.0	5.8	30.0
Hexachlorobutadiene	Ave	0.4733	0.4835		51.1	50.0	2.2	30.0
Naphthalene	Ave	2.500	2.790		55.8	50.0	11.6	30.0
1,2,3-Trichlorobenzene	Ave	0.9545	1.016		53.2	50.0	6.5	30.0
2-Methylnaphthalene	Lin1		1.363		48.6	50.0	-2.8	30.0
1-Methylnaphthalene	Ave	1.001	1.155		57.7	50.0	15.3	30.0
Dibromofluoromethane (Surr)	Ave	0.5132	0.5050		49.2	50.0	-1.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4042	0.3968		49.1	50.0	-1.8	30.0
Toluene-d8 (Surr)	Ave	1.328	1.351		50.9	50.0	1.7	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9446	0.9696		51.3	50.0	2.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: CCVIS 860-125417/2 Calibration Date: 10/09/2023 10:40

Instrument ID: A292 Calib Start Date: 09/25/2023 11:35

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/25/2023 13:59

Lab File ID: E10092304.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-Nitropropane	Ave	0.0918	0.1224			100	33.3 *	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: CCVIS 860-125417/2 Calibration Date: 10/09/2023 10:40

Instrument ID: A292 Calib Start Date: 09/29/2023 10:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/29/2023 12:23

Lab File ID: E10092304.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	0.4308	0.3565		41.4	50.0	-17.3	20.0
Chloromethane	Ave	0.5188	0.5137		49.5	50.0	-1.0	20.0
Vinyl chloride	Ave	0.5774	0.5985		51.8	50.0	3.7	20.0
1,3-Butadiene	Ave	0.5147	0.5345		51.9	50.0	3.9	20.0
Ethylene oxide	Ave	0.1251	0.1322		528	500	5.7	20.0
Bromomethane	Ave	0.3665	0.3402		46.4	50.0	-7.2	20.0
Chloroethane	Ave	0.3144	0.3399		54.1	50.0	8.1	20.0
Dichlorofluoromethane	Ave	0.9188	1.039		56.6	50.0	13.1	20.0
Trichlorofluoromethane	Ave	0.7338	0.8482		57.8	50.0	15.6	20.0
Diethyl ether	Ave	0.4207	0.4359		51.8	50.0	3.6	20.0
Acrolein	Ave	0.0816	0.0665		204	250	-18.6	20.0
1,1-Dichloroethene	Ave	0.3850	0.4200		54.5	50.0	9.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3354	0.3454		51.5	50.0	3.0	20.0
Acetone	Ave	0.0626	0.0506		202	250	-19.1	20.0
Iodomethane (Methyl Iodide)	Qua		0.5424		45.6	50.0	-8.7	20.0
Carbon disulfide	Ave	1.281	1.426		55.7	50.0	11.3	20.0
Isopropyl alcohol	Ave	0.0406	0.0343		422	500	-15.6	20.0
Acetonitrile	Ave	0.0498	0.0527		529	500	5.9	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2772	0.2602		46.9	50.0	-6.1	20.0
Methyl acetate	Ave	0.5189	0.4986		96.1	100	-3.9	20.0
Methylene Chloride	Ave	0.5366	0.5100		47.5	50.0	-4.9	20.0
tert-Butyl alcohol	Ave	0.0608	0.0528		434	500	-13.2	20.0
Acrylonitrile	Ave	0.2443	0.2269		465	500	-7.1	20.0
trans-1,2-Dichloroethene	Ave	0.4512	0.4627		51.3	50.0	2.6	20.0
MTBE	Ave	1.513	1.484		49.1	50.0	-1.9	20.0
n-Hexane	Ave	0.6337	0.7445		58.7	50.0	17.5	20.0
1,1-Dichloroethane	Ave	0.9358	0.998		53.3	50.0	6.6	20.0
Vinyl acetate	Ave	1.464	1.560		266	250	6.5	20.0
Chloroprene	Ave	0.7897	0.8856		56.1	50.0	12.1	20.0
Isopropyl ether	Ave	1.753	1.916		54.6	50.0	9.3	20.0
Ethyl tert-butyl ether	Ave	1.511	1.604		53.1	50.0	6.2	20.0
2,2-Dichloropropane	Ave	0.7072	0.8123		57.4	50.0	14.9	20.0
cis-1,2-Dichloroethene	Ave	0.8424	0.9076		53.9	50.0	7.7	20.0
2-Butanone	Ave	0.0758	0.0688		227	250	-9.3	20.0
Propane Nitrile (Propionitrile)	Ave	0.0949	0.0895		472	500	-5.7	20.0
Ethyl acetate	Ave	0.7399	0.7067		95.5	100	-4.5	20.0
Bromochloromethane	Ave	0.3641	0.3546		48.7	50.0	-2.6	20.0
Methacrylonitrile	Ave	0.2694	0.2627		488	500	-2.5	20.0
Tetrahydrofuran	Ave	0.2231	0.1994		89.4	100	-10.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: CCVIS 860-125417/2 Calibration Date: 10/09/2023 10:40

Instrument ID: A292 Calib Start Date: 09/29/2023 10:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/29/2023 12:23

Lab File ID: E10092304.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
Chloroform	Ave	0.9462	0.9932		52.5	50.0	5.0	20.0
1,1,1-Trichloroethane	Ave	0.7852	0.8252		52.6	50.0	5.1	20.0
Cyclohexane	Linl		0.7089		55.6	50.0	11.1	20.0
Carbon tetrachloride	Ave	0.6402	0.6974		54.5	50.0	8.9	20.0
1,1-Dichloropropene	Ave	0.6729	0.7335		54.5	50.0	9.0	20.0
Benzene	Ave	1.299	1.329		51.2	50.0	2.3	20.0
1,2-Dichloroethane	Ave	0.5147	0.5132		49.9	50.0	-0.3	20.0
2,2,4-Trimethylpentane	Ave	1.006	1.143		56.8	50.0	13.6	20.0
Tert-amyl methyl ether	Ave	0.8724	0.8809		50.5	50.0	1.0	20.0
Isobutanol	Ave	0.0177	0.0209		1477	1250	18.2	20.0
n-Butanol	Ave	0.0197	0.0187		1179	1240	-5.0	20.0
Trichloroethene	Ave	0.3246	0.3145		48.5	50.0	-3.1	20.0
Ethyl acrylate	Ave	1.053	1.033		49.0	50.0	-1.9	20.0
Methylcyclohexane	Ave	0.5031	0.5490		54.6	50.0	9.1	20.0
1,2-Dichloropropane	Ave	0.3926	0.4011		51.1	50.0	2.2	20.0
Dibromomethane	Ave	0.2468	0.2390		48.4	50.0	-3.2	20.0
Methyl methacrylate	Ave	0.2902	0.2745		94.6	100	-5.4	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0036	0.0032		899	1000	-10.2	20.0
Bromodichloromethane	Ave	0.4669	0.4758		51.0	50.0	1.9	20.0
2-Chloroethyl vinyl ether	Ave	0.2497	0.2442		48.9	50.0	-2.2	20.0
Epichlorohydrin	Ave	0.0398	0.0358		451	500	-9.9	20.0
cis-1,3-Dichloropropene	Ave	0.5523	0.5737		51.9	50.0	3.9	20.0
4-Methyl-2-pentanone	Ave	0.4363	0.4159		238	250	-4.7	20.0
Toluene	Ave	0.8789	0.8439		48.0	50.0	-4.0	20.0
trans-1,3-Dichloropropene	Ave	0.5554	0.5651		50.9	50.0	1.7	20.0
Ethyl methacrylate	Ave	0.5154	0.4906		47.6	50.0	-4.8	20.0
1,1,2-Trichloroethane	Ave	0.3324	0.3190		48.0	50.0	-4.0	20.0
Tetrachloroethene	Ave	0.2941	0.2723		46.3	50.0	-7.4	20.0
1,3-Dichloropropane	Ave	0.5970	0.5764		48.3	50.0	-3.4	20.0
2-Hexanone	Ave	0.3436	0.3217		234	250	-6.4	20.0
n-Butyl acetate	Ave	0.7385	0.6988		47.3	50.0	-5.4	20.0
Dibromochloromethane	Ave	0.4043	0.3836		47.4	50.0	-5.1	20.0
1,2-Dibromoethane	Ave	0.3788	0.3509		46.3	50.0	-7.4	20.0
1-Chlorohexane	Linl		0.4088		51.3	50.0	2.5	20.0
Chlorobenzene	Ave	0.9754	0.9174		47.0	50.0	-5.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3467	0.3368		48.6	50.0	-2.9	20.0
Ethylbenzene	Ave	1.640	1.657		50.5	50.0	1.1	20.0
m,p-Xylenes	Ave	1.277	1.268		49.7	50.0	-0.7	20.0
o-Xylene	Ave	1.317	1.315		49.9	50.0	-0.2	20.0
Styrene	Ave	0.9260	0.9235		49.9	50.0	-0.3	20.0
Bromoform	Ave	0.2900	0.2655		45.8	50.0	-8.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: CCVIS 860-125417/2 Calibration Date: 10/09/2023 10:40

Instrument ID: A292 Calib Start Date: 09/29/2023 10:20

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/29/2023 12:23

Lab File ID: E10092304.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
Isopropylbenzene	Ave	1.489	1.515		50.9	50.0	1.8	20.0
cis-1,4-Dichloro-2-butene	Ave	0.1820	0.1894		52.0	50.0	4.0	20.0
Cyclohexanone	Ave	0.0146	0.0206		3521	2500	40.8 *	20.0
1,1,2,2-Tetrachloroethane	Ave	1.020	0.9519		46.7	50.0	-6.7	20.0
Bromobenzene	Ave	0.8055	0.7576		47.0	50.0	-5.9	20.0
1,2,3-Trichloropropane	Ave	1.131	1.077		47.6	50.0	-4.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2900	0.2832		48.8	50.0	-2.3	20.0
N-Propylbenzene	Ave	3.597	3.814		53.0	50.0	6.0	20.0
2-Chlorotoluene	Ave	2.507	2.561		51.1	50.0	2.2	20.0
4-Ethyltoluene	Ave	2.867	2.986		52.1	50.0	4.2	20.0
1,3,5-Trimethylbenzene	Ave	2.540	2.593		51.1	50.0	2.1	20.0
4-Chlorotoluene	Ave	2.516	2.567		51.0	50.0	2.0	20.0
tert-Butylbenzene	Ave	2.059	2.075		50.4	50.0	0.8	20.0
1,2,4-Trimethylbenzene	Ave	2.574	2.661		51.7	50.0	3.4	20.0
sec-Butylbenzene	Ave	3.082	3.216		52.2	50.0	4.4	20.0
1,3-Dichlorobenzene	Ave	1.471	1.394		47.4	50.0	-5.2	20.0
p-Cymene (p-Isopropyltoluene)	Ave	2.561	2.653		51.8	50.0	3.6	20.0
1,4-Dichlorobenzene	Ave	1.515	1.418		46.8	50.0	-6.4	20.0
Dicyclopentadiene	Ave	3.353	3.610		53.8	50.0	7.7	20.0
Benzyl chloride	Ave	0.2386	0.2276		47.7	50.0	-4.6	20.0
n-Butylbenzene	Ave	2.595	2.742		52.8	50.0	5.7	20.0
1,2-Dichlorobenzene	Ave	1.459	1.362		46.7	50.0	-6.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1923	0.1662		43.2	50.0	-13.6	20.0
1,2,4-Trichlorobenzene	Ave	0.9945	0.9228		46.4	50.0	-7.2	20.0
Hexachlorobutadiene	Ave	0.4733	0.4299		45.4	50.0	-9.2	20.0
Naphthalene	Ave	2.500	2.343		46.9	50.0	-6.3	20.0
1,2,3-Trichlorobenzene	Ave	0.9545	0.8545		44.8	50.0	-10.5	20.0
2-Methylnaphthalene	Lin1		1.130		40.8	50.0	-18.3	20.0
1-Methylnaphthalene	Ave	1.001	0.9785		48.9	50.0	-2.3	20.0
Dibromofluoromethane (Surr)	Ave	0.5132	0.5229		51.0	50.0	1.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4042	0.4022		49.8	50.0	-0.5	20.0
Toluene-d8 (Surr)	Ave	1.328	1.411		53.1	50.0	6.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9446	0.9670		51.2	50.0	2.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: ICV 860-123249/11 Calibration Date: 09/25/2023 15:01

Instrument ID: A294 Calib Start Date: 09/25/2023 12:11

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/25/2023 14:04

Lab File ID: T09252317.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	0.7480	0.6720		44.9	50.0	-10.2	30.0
Chloromethane	Ave	0.8608	0.7534		43.8	50.0	-12.5	30.0
Vinyl chloride	Ave	0.6946	0.6095		43.9	50.0	-12.2	30.0
1,3-Butadiene	Ave	0.5224	0.4752		45.5	50.0	-9.0	30.0
Ethylene oxide	Qua		0.0195		496	500	-0.8	30.0
Bromomethane	Qua		0.2227		42.7	50.0	-14.6	30.0
Chloroethane	Qua		0.3038		39.5	50.0	-21.1	30.0
Dichlorofluoromethane	Ave	1.244	1.231		49.5	50.0	-1.0	30.0
Trichlorofluoromethane	Ave	1.155	1.103		47.8	50.0	-4.5	30.0
Diethyl ether	Ave	0.3246	0.3640		56.1	50.0	12.1	30.0
Isopropyl alcohol	Ave	0.0322	0.0354		551	500	10.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3989	0.3994		50.1	50.0	0.1	30.0
Acrolein	Ave	0.1245	0.1402		281	250	12.6	30.0
1,1-Dichloroethene	Ave	0.4715	0.5099		54.1	50.0	8.1	30.0
Acetone	Lin1		0.0662		249	250	-0.6	30.0
Iodomethane (Methyl Iodide)	Qua		0.6029		54.7	50.0	9.5	30.0
Carbon disulfide	Ave	1.627	1.726		53.0	50.0	6.1	30.0
Allyl Chloride (3-Chloropropene)	Ave	0.2845	0.3204		56.3	50.0	12.6	30.0
Methyl acetate	Ave	0.5821	0.6183		106	100	6.2	30.0
Acetonitrile	Lin1		0.0470		536	500	7.3	30.0
Methylene Chloride	Ave	0.6741	0.6713		49.8	50.0	-0.4	30.0
tert-Butyl alcohol	Ave	0.0575	0.0654		569	500	13.8	30.0
MTBE	Ave	1.678	2.007		59.8	50.0	19.6	30.0
trans-1,2-Dichloroethene	Ave	0.5390	0.6050		56.1	50.0	12.2	30.0
Acrylonitrile	Ave	0.2672	0.2848		533	500	6.6	30.0
n-Hexane	Ave	0.6893	0.6924		50.2	50.0	0.4	30.0
Isopropyl ether	Ave	1.679	1.919		57.1	50.0	14.3	30.0
1,1-Dichloroethane	Ave	1.114	1.144		51.4	50.0	2.7	30.0
Vinyl acetate	Ave	1.372	1.399		255	250	2.0	30.0
Chloroprene	Ave	0.8962	0.9196		51.3	50.0	2.6	30.0
Ethyl tert-butyl ether	Ave	1.702	1.923		56.5	50.0	13.0	30.0
2,2-Dichloropropane	Ave	0.9443	1.008		53.4	50.0	6.8	30.0
cis-1,2-Dichloroethene	Ave	0.8685	0.9086		52.3	50.0	4.6	30.0
2-Butanone	Ave	0.0940	0.0976		260	250	3.8	30.0
Ethyl acetate	Ave	1.667	1.629		97.7	100	-2.3	30.0
Propane Nitrile (Propionitrile)	Ave	0.1063	0.1098		517	500	3.3	30.0
Bromochloromethane	Ave	0.4095	0.4494		54.9	50.0	9.7	30.0
Tetrahydrofuran	Ave	0.2816	0.2689		95.5	100	-4.5	30.0
Methacrylonitrile	Ave	0.2957	0.2999		507	500	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: ICV 860-123249/11 Calibration Date: 09/25/2023 15:01

Instrument ID: A294 Calib Start Date: 09/25/2023 12:11

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/25/2023 14:04

Lab File ID: T09252317.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
Chloroform	Ave	1.146	1.144		49.9	50.0	-0.2	30.0
Cyclohexane	Ave	0.7745	0.7813		50.4	50.0	0.9	30.0
1,1,1-Trichloroethane	Ave	1.070	1.094		51.1	50.0	2.3	30.0
Carbon tetrachloride	Ave	1.141	1.078		47.3	50.0	-5.5	30.0
1,1-Dichloropropene	Ave	0.8698	0.8827		50.7	50.0	1.5	30.0
Isobutanol	Ave	0.0235	0.0236		1247	1240	0.6	30.0
2,2,4-Trimethylpentane	Ave	1.169	1.096		46.9	50.0	-6.2	30.0
Benzene	Ave	1.544	1.576		51.0	50.0	2.1	30.0
Tert-amyl methyl ether	Ave	1.272	1.387		54.5	50.0	9.0	30.0
1,2-Dichloroethane	Ave	0.6237	0.6124		49.1	50.0	-1.8	30.0
Ethyl acrylate	Linl		0.1089		55.5	50.0	11.0	30.0
n-Butanol	Ave	0.0100	0.0112		1415	1260	12.3	30.0
Trichloroethene	Ave	0.3829	0.4163		54.4	50.0	8.7	30.0
Methylcyclohexane	Ave	0.6029	0.6349		52.7	50.0	5.3	30.0
1,2-Dichloropropane	Ave	0.4028	0.4128		51.2	50.0	2.5	30.0
Methyl methacrylate	Ave	0.3390	0.3707		109	100	9.3	30.0
1,4-Dioxane (P-Dioxane)	Ave	0.0034	0.0039		1143	1000	14.3	30.0
Dibromomethane	Ave	0.2760	0.2807		50.9	50.0	1.7	30.0
Bromodichloromethane	Ave	0.6080	0.6119		50.3	50.0	0.6	30.0
2-Nitropropane	Ave	0.2405	0.2675		111	100	11.2	30.0
Epichlorohydrin	Ave	0.0051	0.0057		557	500	11.3	30.0
2-Chloroethyl vinyl ether	Ave	0.2467	0.2786		56.5	50.0	12.9	30.0
cis-1,3-Dichloropropene	Ave	0.6603	0.7051		53.4	50.0	6.8	30.0
4-Methyl-2-pentanone	Ave	0.4276	0.4289		251	250	0.3	30.0
Toluene	Ave	1.046	1.071		51.2	50.0	2.4	30.0
trans-1,3-Dichloropropene	Ave	0.6885	0.7526		54.7	50.0	9.3	30.0
Ethyl methacrylate	Ave	0.5439	0.6207		57.1	50.0	14.1	30.0
1,1,2-Trichloroethane	Ave	0.3649	0.3649		50.0	50.0	0.0	30.0
Tetrachloroethene	Ave	0.3225	0.3392		52.6	50.0	5.2	30.0
1,3-Dichloropropane	Ave	0.7141	0.7411		51.9	50.0	3.8	30.0
2-Hexanone	Ave	0.3272	0.3394		259	250	3.7	30.0
Dibromochloromethane	Ave	0.5019	0.5163		51.4	50.0	2.9	30.0
1,2-Dibromoethane	Ave	0.4198	0.4424		52.7	50.0	5.4	30.0
1-Chlorohexane	Linl		0.4196		50.2	50.0	0.4	30.0
Chlorobenzene	Ave	1.198	1.225		51.2	50.0	2.3	30.0
Ethylbenzene	Ave	1.955	2.105		53.9	50.0	7.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4731	0.4834		51.1	50.0	2.2	30.0
m,p-Xylenes	Ave	1.506	1.650		54.8	50.0	9.6	30.0
o-Xylene	Ave	1.518	1.714		56.4	50.0	12.9	30.0
Styrene	Ave	1.149	1.280		55.7	50.0	11.5	30.0
Bromoform	Ave	0.3548	0.3668		51.7	50.0	3.4	30.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: ICV 860-123249/11 Calibration Date: 09/25/2023 15:01

Instrument ID: A294 Calib Start Date: 09/25/2023 12:11

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/25/2023 14:04

Lab File ID: T09252317.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
Isopropylbenzene	Ave	1.793	2.038		56.8	50.0	13.6	30.0
cis-1,4-Dichloro-2-butene	Ave	0.1825	0.2010		55.6	50.5	10.2	30.0
Cyclohexanone	Ave	0.0162	0.0170		2629	2500	5.2	30.0
n-Butyl acetate	Ave	0.0747	0.0816		54.7	50.0	9.3	30.0
Bromobenzene	Ave	0.9751	1.032		52.9	50.0	5.9	30.0
1,1,2,2-Tetrachloroethane	Ave	1.184	1.150		48.5	50.0	-2.9	30.0
N-Propylbenzene	Ave	4.381	4.845		55.3	50.0	10.6	30.0
1,2,3-Trichloropropane	Ave	1.445	1.457		50.4	50.0	0.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3825	0.3833		50.1	50.0	0.2	30.0
2-Chlorotoluene	Ave	3.141	3.349		53.3	50.0	6.6	30.0
4-Ethyltoluene	Ave	3.650	4.039		55.3	50.0	10.7	30.0
1,3,5-Trimethylbenzene	Ave	3.098	3.409		55.0	50.0	10.0	30.0
4-Chlorotoluene	Ave	2.797	2.972		53.1	50.0	6.3	30.0
tert-Butylbenzene	Ave	2.558	2.996		58.6	50.0	17.1	30.0
1,2,4-Trimethylbenzene	Ave	3.087	3.559		57.7	50.0	15.3	30.0
sec-Butylbenzene	Ave	3.706	4.223		57.0	50.0	13.9	30.0
p-Cymene (p-Isopropyltoluene)	Ave	3.199	3.721		58.2	50.0	16.3	30.0
1,3-Dichlorobenzene	Ave	1.865	1.938		52.0	50.0	4.0	30.0
Dicyclopentadiene	Ave	3.375	3.319		49.2	50.0	-1.7	30.0
1,4-Dichlorobenzene	Ave	1.938	1.963		50.6	50.0	1.3	30.0
Benzyl chloride	Ave	0.4429	0.4514		51.0	50.0	1.9	30.0
n-Butylbenzene	Ave	2.883	3.248		56.3	50.0	12.6	30.0
1,2-Dichlorobenzene	Ave	1.804	1.903		52.7	50.0	5.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2413	0.2775		57.5	50.0	15.0	30.0
1,2,4-Trichlorobenzene	Ave	1.180	1.453		61.6	50.0	23.1	30.0
Hexachlorobutadiene	Ave	0.6207	0.6933		55.9	50.0	11.7	30.0
Naphthalene	Ave	3.035	3.564		58.7	50.0	17.4	30.0
1,2,3-Trichlorobenzene	Ave	1.143	1.383		60.5	50.0	21.0	30.0
2-Methylnaphthalene	Qua		2.223		53.5	50.0	7.0	30.0
1-Methylnaphthalene	Ave	1.508	1.958		64.9	50.0	29.9	30.0
Dibromofluoromethane (Surr)	Ave	0.5257	0.5147		49.0	50.0	-2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4229	0.3829		45.3	50.0	-9.5	30.0
Toluene-d8 (Surr)	Ave	1.335	1.303		48.8	50.0	-2.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.9847	0.9782		49.7	50.0	-0.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: CCVIS 860-125295/2 Calibration Date: 10/06/2023 20:47

Instrument ID: A294 Calib Start Date: 09/25/2023 12:11

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/25/2023 14:04

Lab File ID: T10062338.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	0.7480	0.7219		48.3	50.0	-3.5	20.0
Chloromethane	Ave	0.8608	0.5564		32.3	50.0	-35.4 *	20.0
Vinyl chloride	Ave	0.6946	0.5737		41.3	50.0	-17.4	20.0
1,3-Butadiene	Ave	0.5224	0.4589		43.9	50.0	-12.1	20.0
Ethylene oxide	Qua		0.0139		344	500	-31.3 *	20.0
Bromomethane	Qua		0.2931		60.1	50.0	20.2 *	20.0
Chloroethane	Qua		0.3384		44.8	50.0	-10.3	20.0
Trichlorofluoromethane	Ave	1.155	1.302		56.3	50.0	12.7	20.0
Dichlorofluoromethane	Ave	1.244	1.309		52.6	50.0	5.2	20.0
Diethyl ether	Ave	0.3246	0.3212		49.5	50.0	-1.0	20.0
Isopropyl alcohol	Ave	0.0322	0.0287		447	500	-10.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3989	0.3592		45.0	50.0	-10.0	20.0
Acrolein	Ave	0.1245	0.1152		231	250	-7.5	20.0
1,1-Dichloroethene	Ave	0.4715	0.4533		48.1	50.0	-3.9	20.0
Acetone	Lin1		0.0587		220	250	-12.0	20.0
Iodomethane (Methyl Iodide)	Qua		0.3954		37.8	50.0	-24.5 *	20.0
Carbon disulfide	Ave	1.627	1.565		48.1	50.0	-3.9	20.0
Allyl Chloride (3-Chloropropene)	Ave	0.2845	0.2960		52.0	50.0	4.0	20.0
Methyl acetate	Ave	0.5821	0.5244		90.1	100	-9.9	20.0
Acetonitrile	Lin1		0.0404		459	500	-8.2	20.0
Methylene Chloride	Ave	0.6741	0.5696		42.3	50.0	-15.5	20.0
tert-Butyl alcohol	Ave	0.0575	0.0705		613	500	22.6 *	20.0
MTBE	Ave	1.678	1.847		55.0	50.0	10.1	20.0
trans-1,2-Dichloroethene	Ave	0.5390	0.5185		48.1	50.0	-3.8	20.0
Acrylonitrile	Ave	0.2672	0.2476		463	500	-7.3	20.0
n-Hexane	Ave	0.6893	0.5762		41.8	50.0	-16.4	20.0
Isopropyl ether	Ave	1.679	1.697		50.5	50.0	1.1	20.0
1,1-Dichloroethane	Ave	1.114	1.027		46.1	50.0	-7.8	20.0
Vinyl acetate	Ave	1.372	1.251		228	250	-8.8	20.0
Chloroprene	Ave	0.8962	0.8877		49.5	50.0	-0.9	20.0
Ethyl tert-butyl ether	Ave	1.702	1.767		51.9	50.0	3.8	20.0
2,2-Dichloropropane	Ave	0.9443	0.9541		50.5	50.0	1.0	20.0
cis-1,2-Dichloroethene	Ave	0.8685	0.7908		45.5	50.0	-8.9	20.0
2-Butanone	Ave	0.0940	0.0830		221	250	-11.7	20.0
Ethyl acetate	Ave	1.667	1.422		85.3	100	-14.7	20.0
Propane Nitrile (Propionitrile)	Ave	0.1063	0.0969		456	500	-8.8	20.0
Bromochloromethane	Ave	0.4095	0.3910		47.7	50.0	-4.5	20.0
Tetrahydrofuran	Ave	0.2816	0.1612		57.3	100	-42.7 *	20.0
Methacrylonitrile	Ave	0.2957	0.2685		454	500	-9.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: CCVIS 860-125295/2 Calibration Date: 10/06/2023 20:47

Instrument ID: A294 Calib Start Date: 09/25/2023 12:11

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/25/2023 14:04

Lab File ID: T10062338.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
Chloroform	Ave	1.146	1.055		46.0	50.0	-8.0	20.0
Cyclohexane	Ave	0.7745	0.7083		45.7	50.0	-8.6	20.0
1,1,1-Trichloroethane	Ave	1.070	1.075		50.2	50.0	0.5	20.0
Carbon tetrachloride	Ave	1.141	0.9779		42.9	50.0	-14.3	20.0
1,1-Dichloropropene	Ave	0.8698	0.7719		44.4	50.0	-11.3	20.0
2,2,4-Trimethylpentane	Ave	1.169	0.9007		38.5	50.0	-23.0 *	20.0
Isobutanol	Ave	0.0235	0.0244		1296	1250	3.7	20.0
Benzene	Ave	1.544	1.535		49.7	50.0	-0.6	20.0
Tert-amyl methyl ether	Ave	1.272	1.386		54.5	50.0	8.9	20.0
1,2-Dichloroethane	Ave	0.6237	0.6640		53.2	50.0	6.5	20.0
Ethyl acrylate	Linl		0.1273		64.8	50.0	29.5 *	20.0
n-Butanol	Ave	0.0100	0.0134		1655	1240	33.5 *	20.0
Trichloroethene	Ave	0.3829	0.4063		53.1	50.0	6.1	20.0
Methylcyclohexane	Ave	0.6029	0.5660		46.9	50.0	-6.1	20.0
1,2-Dichloropropane	Ave	0.4028	0.3794		47.1	50.0	-5.8	20.0
Methyl methacrylate	Ave	0.3390	0.3494		103	100	3.1	20.0
1,4-Dioxane (P-Dioxane)	Ave	0.0034	0.0053		1564	1000	56.4 *	20.0
Dibromomethane	Ave	0.2760	0.2723		49.3	50.0	-1.3	20.0
Bromodichloromethane	Ave	0.6080	0.5975		49.1	50.0	-1.7	20.0
2-Nitropropane	Ave	0.2405	0.2628		109	100	9.3	20.0
2-Chloroethyl vinyl ether	Ave	0.2467	0.2220		45.0	50.0	-10.0	20.0
Epichlorohydrin	Ave	0.0051	0.0044		428	500	-14.5	20.0
cis-1,3-Dichloropropene	Ave	0.6603	0.6434		48.7	50.0	-2.6	20.0
4-Methyl-2-pentanone	Ave	0.4276	0.4028		236	250	-5.8	20.0
Toluene	Ave	1.046	1.047		50.1	50.0	0.1	20.0
trans-1,3-Dichloropropene	Ave	0.6885	0.7248		52.6	50.0	5.3	20.0
Ethyl methacrylate	Ave	0.5439	0.5918		54.4	50.0	8.8	20.0
1,1,2-Trichloroethane	Ave	0.3649	0.3363		46.1	50.0	-7.9	20.0
Tetrachloroethene	Ave	0.3225	0.3301		51.2	50.0	2.4	20.0
1,3-Dichloropropane	Ave	0.7141	0.6841		47.9	50.0	-4.2	20.0
2-Hexanone	Ave	0.3272	0.3274		250	250	0.0	20.0
Dibromochloromethane	Ave	0.5019	0.4955		49.4	50.0	-1.3	20.0
1,2-Dibromoethane	Ave	0.4198	0.4028		48.0	50.0	-4.1	20.0
1-Chlorohexane	Linl		0.3880		46.4	50.0	-7.3	20.0
Chlorobenzene	Ave	1.198	1.180		49.3	50.0	-1.5	20.0
Ethylbenzene	Ave	1.955	2.030		51.9	50.0	3.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4731	0.4729		50.0	50.0	-0.0	20.0
m,p-Xylenes	Ave	1.506	1.622		53.9	50.0	7.7	20.0
o-Xylene	Ave	1.518	1.665		54.9	50.0	9.7	20.0
Styrene	Ave	1.149	1.247		54.3	50.0	8.5	20.0
Bromoform	Ave	0.3548	0.3469		48.9	50.0	-2.2	20.0

FORM VII 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Lab Sample ID: CCVIS 860-125295/2 Calibration Date: 10/06/2023 20:47

Instrument ID: A294 Calib Start Date: 09/25/2023 12:11

GC Column: DB-624 ID: 0.25 (mm) Calib End Date: 09/25/2023 14:04

Lab File ID: T10062338.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
Isopropylbenzene	Ave	1.793	1.911		53.3	50.0	6.6	20.0
cis-1,4-Dichloro-2-butene	Ave	0.1825	0.1826		50.0	50.0	0.0	20.0
Cyclohexanone	Ave	0.0162	0.0226		3491	2500	39.6 *	20.0
n-Butyl acetate	Ave	0.0747	0.1081		72.4	50.0	44.8 *	20.0
Bromobenzene	Ave	0.9751	0.9785		50.2	50.0	0.3	20.0
1,1,2,2-Tetrachloroethane	Ave	1.184	0.9948		42.0	50.0	-16.0	20.0
N-Propylbenzene	Ave	4.381	4.255		48.6	50.0	-2.9	20.0
1,2,3-Trichloropropane	Ave	1.445	1.308		45.3	50.0	-9.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3825	0.3756		49.1	50.0	-1.8	20.0
2-Chlorotoluene	Ave	3.141	3.060		48.7	50.0	-2.6	20.0
4-Ethyltoluene	Ave	3.650	3.673		50.3	50.0	0.6	20.0
1,3,5-Trimethylbenzene	Ave	3.098	3.133		50.6	50.0	1.1	20.0
4-Chlorotoluene	Ave	2.797	2.754		49.2	50.0	-1.5	20.0
tert-Butylbenzene	Ave	2.558	2.571		50.3	50.0	0.5	20.0
1,2,4-Trimethylbenzene	Ave	3.087	3.194		51.7	50.0	3.5	20.0
sec-Butylbenzene	Ave	3.706	3.524		47.5	50.0	-4.9	20.0
p-Cymene (p-Isopropyltoluene)	Ave	3.199	3.170		49.6	50.0	-0.9	20.0
1,3-Dichlorobenzene	Ave	1.865	1.816		48.7	50.0	-2.6	20.0
Dicyclopentadiene	Ave	3.375	2.788		41.3	50.0	-17.4	20.0
1,4-Dichlorobenzene	Ave	1.938	1.852		47.8	50.0	-4.4	20.0
Benzyl chloride	Ave	0.4429	0.4352		49.1	50.0	-1.7	20.0
n-Butylbenzene	Ave	2.883	2.733		47.4	50.0	-5.2	20.0
1,2-Dichlorobenzene	Ave	1.804	1.756		48.7	50.0	-2.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2413	0.2369		49.1	50.0	-1.8	20.0
1,2,4-Trichlorobenzene	Ave	1.180	1.152		48.8	50.0	-2.4	20.0
Hexachlorobutadiene	Ave	0.6207	0.5266		42.4	50.0	-15.2	20.0
Naphthalene	Ave	3.035	2.981		49.1	50.0	-1.8	20.0
1,2,3-Trichlorobenzene	Ave	1.143	1.057		46.3	50.0	-7.5	20.0
2-Methylnaphthalene	Qua		1.249		30.9	50.0	-38.2 *	20.0
1-Methylnaphthalene	Ave	1.508	1.034		34.3	50.0	-31.4 *	20.0
Dibromofluoromethane (Surr)	Ave	0.5257	0.4802		45.7	50.0	-8.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4229	0.4197		49.6	50.0	-0.8	20.0
Toluene-d8 (Surr)	Ave	1.335	1.333		49.9	50.0	-0.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.9847	0.9682		49.2	50.0	-1.7	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 860-125295/10
Matrix: Water Lab File ID: T10062348.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 10/06/2023 23:56
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		63-144
460-00-4	4-Bromofluorobenzene (Surr)	101		74-124
1868-53-7	Dibromofluoromethane (Surr)	99		75-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 860-125417/10

Matrix: Water Lab File ID: E10092312.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2023 13:24

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-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.: 125417 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.000635	U	0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.000738	U	0.00100	0.000738
71-43-2	Benzene	0.000460	U	0.00100	0.000460
91-20-3	Naphthalene	0.00135	U	0.0100	0.00135
127-18-4	Tetrachloroethene	0.000655	U	0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		63-144
460-00-4	4-Bromofluorobenzene (Surr)	102		74-124
1868-53-7	Dibromofluoromethane (Surr)	108		75-131
2037-26-5	Toluene-d8 (Surr)	106		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 860-125295/3
Matrix: Water Lab File ID: T10062339.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 10/06/2023 21:06
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04366		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04312		0.00100	0.000738
71-43-2	Benzene	0.04622		0.00100	0.000460
91-20-3	Naphthalene	0.04800		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04978		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		63-144
460-00-4	4-Bromofluorobenzene (Surr)	95		74-124
1868-53-7	Dibromofluoromethane (Surr)	90		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 860-125417/3

Matrix: Water Lab File ID: E10092305.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2023 11:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-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.: 125417 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05460		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05227		0.00100	0.000738
71-43-2	Benzene	0.05105		0.00100	0.000460
91-20-3	Naphthalene	0.04745		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04563		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	102		75-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 860-125295/4

Matrix: Water Lab File ID: T10062340.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/06/2023 21:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-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.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04144		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04052		0.00100	0.000738
71-43-2	Benzene	0.04737		0.00100	0.000460
91-20-3	Naphthalene	0.05269		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04946		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	90		75-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 860-125417/4
Matrix: Water Lab File ID: E10092306.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2023 11:21
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 125417 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.05232		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.05226		0.00100	0.000738
71-43-2	Benzene	0.04852		0.00100	0.000460
91-20-3	Naphthalene	0.04945		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04355		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		63-144
460-00-4	4-Bromofluorobenzene (Surr)	103		74-124
1868-53-7	Dibromofluoromethane (Surr)	104		75-131
2037-26-5	Toluene-d8 (Surr)	108		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW37-100323 MS Lab Sample ID: 860-58730-11 MS
Matrix: Water Lab File ID: T10062343.D
Analysis Method: 8260D Date Collected: 10/03/2023 18:20
Sample wt/vol: 5 (mL) Date Analyzed: 10/06/2023 22:22
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04175		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04291		0.00100	0.000738
71-43-2	Benzene	0.05780		0.00100	0.000460
91-20-3	Naphthalene	0.06294		0.0100	0.00135
127-18-4	Tetrachloroethene	0.04873		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	91		75-131
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Client Sample ID: ARTESIA-MW17C-100323-FD Lab Sample ID: 860-58730-19 MS
MS

Matrix: Water Lab File ID: E10092307.D

Analysis Method: 8260D Date Collected: 10/04/2023 12:30

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2023 11:41

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-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.: 125417 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.03751		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.03899		0.00100	0.000738
71-43-2	Benzene	0.03685		0.00100	0.000460
91-20-3	Naphthalene	0.03673		0.0100	0.00135
127-18-4	Tetrachloroethene	0.03478		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		63-144
460-00-4	4-Bromofluorobenzene (Surr)	104		74-124
1868-53-7	Dibromofluoromethane (Surr)	105		75-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW37-100323 MSD Lab Sample ID: 860-58730-11 MSD
Matrix: Water Lab File ID: T10062344.D
Analysis Method: 8260D Date Collected: 10/03/2023 18:20
Sample wt/vol: 5 (mL) Date Analyzed: 10/06/2023 22:41
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-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.: 125295 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	0.04498		0.00100	0.000635
75-35-4	1,1-Dichloroethene	0.04658		0.00100	0.000738
71-43-2	Benzene	0.05958		0.00100	0.000460
91-20-3	Naphthalene	0.06672		0.0100	0.00135
127-18-4	Tetrachloroethene	0.05370		0.00100	0.000655

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		63-144
460-00-4	4-Bromofluorobenzene (Surr)	96		74-124
1868-53-7	Dibromofluoromethane (Surr)	93		75-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A292

Start Date: 09/29/2023 09:59

Analysis Batch Number: 124041

End Date: 09/29/2023 21:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-124041/1		09/29/2023 09:59	1	E09292303.D	DB-624 0.25 (mm)
IC 860-124041/2		09/29/2023 10:20	1	E09292304.D	DB-624 0.25 (mm)
IC 860-124041/3		09/29/2023 10:40	1	E09292305.D	DB-624 0.25 (mm)
IC 860-124041/4		09/29/2023 11:01	1	E09292306.D	DB-624 0.25 (mm)
IC 860-124041/5		09/29/2023 11:21	1	E09292307.D	DB-624 0.25 (mm)
ICIS 860-124041/6		09/29/2023 11:42	1	E09292308.D	DB-624 0.25 (mm)
IC 860-124041/7		09/29/2023 12:02	1	E09292309.D	DB-624 0.25 (mm)
IC 860-124041/8		09/29/2023 12:23	1	E09292310.D	DB-624 0.25 (mm)
ICV 860-124041/11		09/29/2023 13:25	1	E09292313.D	DB-624 0.25 (mm)
ZZZZZ		09/29/2023 13:25	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 13:45	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 14:06	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 15:07	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 15:28	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 15:48	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 16:09	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 16:29	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 16:50	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 17:10	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 17:31	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 17:51	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 18:12	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 18:32	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 18:53	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 19:13	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 19:34	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 19:54	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 20:15	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 20:35	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 20:56	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 21:16	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 21:37	1		DB-624 0.25 (mm)
ZZZZZ		09/29/2023 21:58	1		DB-624 0.25 (mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.:

Instrument ID: A292 Start Date: 10/09/2023 10:19

Analysis Batch Number: 125417 End Date: 10/09/2023 20:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-125417/1		10/09/2023 10:19	1	E10092303.D	DB-624 0.25 (mm)
CCVIS 860-125417/2		10/09/2023 10:40	1	E10092304.D	DB-624 0.25 (mm)
LCS 860-125417/3		10/09/2023 11:00	1	E10092305.D	DB-624 0.25 (mm)
LCSD 860-125417/4		10/09/2023 11:21	1	E10092306.D	DB-624 0.25 (mm)
860-58730-19 MS	ARTESIA-MW17C-100323-FD MS	10/09/2023 11:41	1	E10092307.D	DB-624 0.25 (mm)
MB 860-125417/10		10/09/2023 13:24	1	E10092312.D	DB-624 0.25 (mm)
860-58730-19	ARTESIA-MW17C-100323-FD	10/09/2023 14:05	1	E10092314.D	DB-624 0.25 (mm)
ZZZZZ		10/09/2023 14:25	1		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 14:46	1		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 17:50	1		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 18:11	1		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 18:31	1		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 18:52	10		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 19:12	50		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 19:33	50		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 19:53	50		DB-624 0.25 (mm)
ZZZZZ		10/09/2023 20:14	50		DB-624 0.25 (mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Instrument ID: A294 Start Date: 09/25/2023 11:52
Analysis Batch Number: 123249 End Date: 09/25/2023 23:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-123249/1		09/25/2023 11:52	1	T09252307.D	DB-624 0.25 (mm)
IC 860-123249/2		09/25/2023 12:11	1	T09252308.D	DB-624 0.25 (mm)
IC 860-123249/3		09/25/2023 12:30	1	T09252309.D	DB-624 0.25 (mm)
IC 860-123249/4		09/25/2023 12:48	1	T09252310.D	DB-624 0.25 (mm)
IC 860-123249/5		09/25/2023 13:07	1	T09252311.D	DB-624 0.25 (mm)
ICIS 860-123249/6		09/25/2023 13:26	1	T09252312.D	DB-624 0.25 (mm)
IC 860-123249/7		09/25/2023 13:45	1	T09252313.D	DB-624 0.25 (mm)
IC 860-123249/8		09/25/2023 14:04	1	T09252314.D	DB-624 0.25 (mm)
ICV 860-123249/11		09/25/2023 15:01	1	T09252317.D	DB-624 0.25 (mm)
ZZZZZ		09/25/2023 15:01	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 15:20	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 15:47	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 16:44	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 17:03	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 17:22	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 17:41	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 18:00	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 18:19	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 18:38	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 18:57	10		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 19:16	5		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 19:35	10		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 19:54	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 20:13	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 20:32	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 20:51	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 21:09	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 21:48	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 22:07	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 22:26	1		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 22:45	5		DB-624 0.25 (mm)
ZZZZZ		09/25/2023 23:04	5		DB-624 0.25 (mm)

8260D

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Instrument ID: A294 Start Date: 10/06/2023 20:28

Analysis Batch Number: 125295 End Date: 10/07/2023 05:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 860-125295/1		10/06/2023 20:28	1	T10062337.D	DB-624 0.25 (mm)
CCVIS 860-125295/2		10/06/2023 20:47	1	T10062338.D	DB-624 0.25 (mm)
LCS 860-125295/3		10/06/2023 21:06	1	T10062339.D	DB-624 0.25 (mm)
LCSD 860-125295/4		10/06/2023 21:25	1	T10062340.D	DB-624 0.25 (mm)
860-58730-11 MS	ARTESIA-MW37-100323 MS	10/06/2023 22:22	1	T10062343.D	DB-624 0.25 (mm)
860-58730-11 MSD	ARTESIA-MW37-100323 MSD	10/06/2023 22:41	1	T10062344.D	DB-624 0.25 (mm)
ZZZZZ		10/06/2023 23:19	1		DB-624 0.25 (mm)
MB 860-125295/10		10/06/2023 23:56	1	T10062348.D	DB-624 0.25 (mm)
860-58730-8	ARTESIA-TB01-051023	10/07/2023 00:15	1	T10062349.D	DB-624 0.25 (mm)
860-58730-11	ARTESIA-MW37-100323	10/07/2023 00:34	1	T10062350.D	DB-624 0.25 (mm)
860-58730-1	ARTESIA-MW31-100423	10/07/2023 00:53	1	T10062351.D	DB-624 0.25 (mm)
860-58730-2	ARTESIA-MW34-100323	10/07/2023 01:12	1	T10062352.D	DB-624 0.25 (mm)
860-58730-3	ARTESIA-MW35-100323	10/07/2023 01:31	1	T10062353.D	DB-624 0.25 (mm)
860-58730-4	ARTESIA-MD35-100323	10/07/2023 01:50	1	T10062354.D	DB-624 0.25 (mm)
860-58730-5	ARTESIA-MW39-100323	10/07/2023 02:09	1	T10062355.D	DB-624 0.25 (mm)
860-58730-6	ARTESIA-MW40-100323	10/07/2023 02:28	1	T10062356.D	DB-624 0.25 (mm)
860-58730-7	ARTESIA-MW17C-100323	10/07/2023 02:47	1	T10062357.D	DB-624 0.25 (mm)
860-58730-9	ARTESIA-MW36-100323	10/07/2023 03:06	1	T10062358.D	DB-624 0.25 (mm)
860-58730-10	ARTESIA-MW38-100423	10/07/2023 03:25	1	T10062359.D	DB-624 0.25 (mm)
860-58730-12	ARTESIA-MW12-100423	10/07/2023 03:44	1	T10062360.D	DB-624 0.25 (mm)
860-58730-13	ARTESIA-MW11-100423	10/07/2023 04:03	1	T10062361.D	DB-624 0.25 (mm)
860-58730-14	ARTESIA-MW22-100423	10/07/2023 04:22	1	T10062362.D	DB-624 0.25 (mm)
860-58730-15	ARTESIA-MW25-100423	10/07/2023 04:41	1	T10062363.D	DB-624 0.25 (mm)
860-58730-16	ARTESIA-MW28-100423	10/07/2023 05:00	1	T10062364.D	DB-624 0.25 (mm)
860-58730-17	ARTESIA-MW29-100423	10/07/2023 05:19	1	T10062365.D	DB-624 0.25 (mm)
860-58730-18	ARTESIA-MW30-100323	10/07/2023 05:38	1	T10062366.D	DB-624 0.25 (mm)

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Batch Number: 123249 Batch Start Date: 09/25/23 11:52 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00053	VM8260GASSTD 00092	VM8260ISSS50 00023	VM8260LCS 00065
BFB 860-123249/1		8260D		5 mL	5 mL			5 uL	
IC 860-123249/2		8260D		5 mL	5 mL		1 uL	5 uL	
IC 860-123249/3		8260D		5 mL	5 mL		5 uL	5 uL	
IC 860-123249/4		8260D		5 mL	5 mL		10 uL	5 uL	
IC 860-123249/5		8260D		5 mL	5 mL		25 uL	5 uL	
ICIS 860-123249/6		8260D		5 mL	5 mL		50 uL	5 uL	
IC 860-123249/7		8260D		5 mL	5 mL		100 uL	5 uL	
IC 860-123249/8		8260D		5 mL	5 mL		150 uL	5 uL	
ICV 860-123249/11		8260D		5 mL	5 mL	50 uL		5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00122					
BFB 860-123249/1		8260D							
IC 860-123249/2		8260D		1 uL					
IC 860-123249/3		8260D		5 uL					
IC 860-123249/4		8260D		10 uL					
IC 860-123249/5		8260D		25 uL					
ICIS 860-123249/6		8260D		50 uL					
IC 860-123249/7		8260D		100 uL					
IC 860-123249/8		8260D		150 uL					
ICV 860-123249/11		8260D							

Batch Notes

pH Indicator ID 206722

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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Batch Number: 124041 Batch Start Date: 09/29/23 09:59 Batch Analyst: Alves, Nathalie

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8260GASLCS 00053	VM8260GASSTD 00092	VM8260ISSS50 00023	VM8260LCS 00065
BFB 860-124041/1		8260D		5 mL	5 mL			5 uL	
IC 860-124041/2		8260D		5 mL	5 mL		1 uL	5 uL	
IC 860-124041/3		8260D		5 mL	5 mL		5 uL	5 uL	
IC 860-124041/4		8260D		5 mL	5 mL		10 uL	5 uL	
IC 860-124041/5		8260D		5 mL	5 mL		25 uL	5 uL	
ICIS 860-124041/6		8260D		5 mL	5 mL		50 uL	5 uL	
IC 860-124041/7		8260D		5 mL	5 mL		100 uL	5 uL	
IC 860-124041/8		8260D		5 mL	5 mL		150 uL	5 uL	
ICV 860-124041/11		8260D		5 mL	5 mL	50 uL		5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260STD 00122					
BFB 860-124041/1		8260D							
IC 860-124041/2		8260D		1 uL					
IC 860-124041/3		8260D		5 uL					
IC 860-124041/4		8260D		10 uL					
IC 860-124041/5		8260D		25 uL					
ICIS 860-124041/6		8260D		50 uL					
IC 860-124041/7		8260D		100 uL					
IC 860-124041/8		8260D		150 uL					
ICV 860-124041/11		8260D							

Batch Notes	
pH Indicator ID	206722

Basis	Basis Description

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.:

Batch Number: 125295 Batch Start Date: 10/06/23 20:28 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00053	VM8260GASSTD 00092	VM8260ISS50 00023
BFB 860-125295/1		8260D		5 mL	5 mL				5 uL
CCVIS 860-125295/2		8260D		5 mL	5 mL			50 uL	5 uL
LCS 860-125295/3		8260D		5 mL	5 mL		50 uL		5 uL
LCSD 860-125295/4		8260D		5 mL	5 mL		50 uL		5 uL
860-58730-B-11 MS	ARTESIA-MW37-100 323	8260D	T	5 mL	5 mL		40 uL		5 uL
860-58730-B-11 MSD	ARTESIA-MW37-100 323	8260D	T	5 mL	5 mL		40 uL		5 uL
MB 860-125295/10		8260D		5 mL	5 mL				5 uL
860-58730-A-8	ARTESIA-TB01-051 023	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-11	ARTESIA-MW37-100 323	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-1	Artesia-MW31-100 423	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-2	ARTESIA-MW34-100 323	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-3	ARTESIA-MW35-100 323	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-4	ARTESIA-MD35-100 323	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-5	ARTESIA-MW39-100 323	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-6	ARTESIA-MW40-100 323	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-7	ARTESIA-MW17C-10 0323-FD	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-9	ARTESIA-MW36-100 323	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-10	ARTESIA-MW38-100 423	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-12	ARTESIA-MW12-100 42	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-13	ARTESIA-MW11-100 42	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-14	ARTESIA-MW22-100 42	8260D	T	5 mL	5 mL	2 SU			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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.:

Batch Number: 125295 Batch Start Date: 10/06/23 20:28 Batch Analyst: Ngo, Anh

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00053	VM8260GASSTD 00092	VM8260ISS50 00023
860-58730-B-15	ARTESIA-MW25-100 42	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-16	ARTESIA-MW28-100 42	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-17	ARTESIA-MW29-100 42	8260D	T	5 mL	5 mL	2 SU			5 uL
860-58730-B-18	ARTESIA-MW30-100 42	8260D	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00065	VM8260STD 00122				
BFB		8260D							
860-125295/1									
CCVIS		8260D			50 uL				
860-125295/2									
LCS		8260D		50 uL					
860-125295/3									
LCSD		8260D		50 uL					
860-125295/4									
860-58730-B-11 MS	ARTESIA-MW37-100 323	8260D	T	40 uL					
860-58730-B-11 MSD	ARTESIA-MW37-100 323	8260D	T	40 uL					
MB		8260D							
860-125295/10									
860-58730-A-8	ARTESIA-TB01-051 023	8260D	T						
860-58730-B-11	ARTESIA-MW37-100 323	8260D	T						
860-58730-B-1	Artesia-MW31-100 423	8260D	T						
860-58730-B-2	ARTESIA-MW34-100 323	8260D	T						
860-58730-B-3	ARTESIA-MW35-100 323	8260D	T						
860-58730-B-4	ARTESIA-MD35-100 323	8260D	T						
860-58730-B-5	ARTESIA-MW39-100 323	8260D	T						
860-58730-B-6	ARTESIA-MW40-100 323	8260D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Batch Number: 125295Batch Start Date: 10/06/23 20:28Batch Analyst: Ngo, Anh

Batch Method: 8260DBatch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00065	VM8260STD 00122				
860-58730-B-7	ARTESIA-MW17C-100323-FD	8260D	T						
860-58730-B-9	ARTESIA-MW36-100323	8260D	T						
860-58730-B-10	ARTESIA-MW38-100423	8260D	T						
860-58730-B-12	ARTESIA-MW12-10042	8260D	T						
860-58730-B-13	ARTESIA-MW11-10042	8260D	T						
860-58730-B-14	ARTESIA-MW22-10042	8260D	T						
860-58730-B-15	ARTESIA-MW25-10042	8260D	T						
860-58730-B-16	ARTESIA-MW28-10042	8260D	T						
860-58730-B-17	ARTESIA-MW29-10042	8260D	T						
860-58730-B-18	ARTESIA-MW30-10042	8260D	T						

Batch Notes

pH Indicator ID206722

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Batch Number: 125417Batch Start Date: 10/09/23 10:19Batch Analyst: Alves, Nathalie

Batch Method: 8260DBatch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM8260GASLCS 00053	VM8260GASSTD 00092	VM8260ISSS50 00023
BFB 860-125417/1		8260D		5 mL	5 mL				5 uL
CCVIS 860-125417/2		8260D		5 mL	5 mL			50 uL	5 uL
LCS 860-125417/3		8260D		5 mL	5 mL		50 uL		5 uL
LCSD 860-125417/4		8260D		5 mL	5 mL		50 uL		5 uL
860-58730-D-19 MS	ARTESIA-MW17C-10 0323-FD	8260D	T	5 mL	5 mL		40 uL		5 uL
MB 860-125417/10		8260D		5 mL	5 mL				5 uL
860-58730-B-19	ARTESIA-MW17C-10 0323-FD	8260D	T	5 mL	5 mL	2 SU			5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VM8260LCS 00065	VM8260STD 00122				
BFB 860-125417/1		8260D							
CCVIS 860-125417/2		8260D			50 uL				
LCS 860-125417/3		8260D		50 uL					
LCSD 860-125417/4		8260D		50 uL					
860-58730-D-19 MS	ARTESIA-MW17C-10 0323-FD	8260D	T	40 uL					
MB 860-125417/10		8260D							
860-58730-B-19	ARTESIA-MW17C-10 0323-FD	8260D	T						

Batch Notes	
pH Indicator ID	206722

Basis	Basis Description
T	Total/NA

Method 300.0

Anions (IC) by Method 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 16_Oct_2023 16_44.d
Lab ID: LCS 860-126522/4 Client ID: _____

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Sulfate	5.00	4.776	96	90-110	

Column to be used to flag recovery and RPD values
FORM III 300.0

FORM III
HPLC/IC LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Matrix: Water Level: Low Lab File ID: 16_Oct_2023 16_54.d
Lab ID: LCSD 860-126522/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Sulfate	5.00	4.783	96	0	20	90-110	

Column to be used to flag recovery and RPD values
FORM III 300.0

FORM III
HPLC/IC LOW LEVEL CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Matrix: Water Level: Low Lab File ID: 16_Oct_2023 17_16.d
Lab ID: LLCS 860-126522/7 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LLCS CONCENTRATION (mg/L)	LLCS % REC	QC LIMITS REC	#
Sulfate	0.500	0.3948 J	79	50-150	

Column to be used to flag recovery and RPD values
FORM III 300.0

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Lab File ID: 16_Oct_2023 16_33.d Lab Sample ID: MB 860-126522/3
Matrix: Water Date Extracted: _____
Instrument ID: A166 Date Analyzed: 10/16/2023 16:33
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 860-126522/4	16_Oct_2023 16_44.d	10/16/2023 16:44
	LCSD 860-126522/5	16_Oct_2023 16_54.d	10/16/2023 16:54
	LLCS 860-126522/7	16_Oct_2023 17_16.d	10/16/2023 17:16
ARTESIA-MW17C-100323	860-58730-7	16_Oct_2023 20_18.d	10/16/2023 20:18
ARTESIA-MW36-100323	860-58730-9	16_Oct_2023 21_01.d	10/16/2023 21:01
ARTESIA-MW38-100423	860-58730-10	16_Oct_2023 21_23.d	10/16/2023 21:23
ARTESIA-MW37-100323	860-58730-11	16_Oct_2023 21_33.d	10/16/2023 21:33
ARTESIA-MW12-100423	860-58730-12	16_Oct_2023 22_05.d	10/16/2023 22:05
ARTESIA-MW11-100423	860-58730-13	16_Oct_2023 22_27.d	10/16/2023 22:27

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW17C-100323 Lab Sample ID: 860-58730-7
Matrix: Water Lab File ID: 16_Oct_2023 20_18.d
Analysis Method: 300.0 Date Collected: 10/03/2023 12:30
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 20:18
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2370		5.00	2.00

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW36-100323 Lab Sample ID: 860-58730-9
Matrix: Water Lab File ID: 16_Oct_2023 21_01.d
Analysis Method: 300.0 Date Collected: 10/03/2023 15:45
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 21:01
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	1760		5.00	2.00

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW38-100423 Lab Sample ID: 860-58730-10
Matrix: Water Lab File ID: 16_Oct_2023 21_23.d
Analysis Method: 300.0 Date Collected: 10/04/2023 09:05
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 21:23
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	971		5.00	2.00

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Client Sample ID: ARTESIA-MW37-100323Lab Sample ID: 860-58730-11

Matrix: WaterLab File ID: 16_Oct_2023 21_33.d

Analysis Method: 300.0Date Collected: 10/03/2023 18:20

Extraction Method:Date Extracted:

Sample wt/vol: 0(mL)Date Analyzed: 10/16/2023 21:33

Con. Extract Vol.:Dilution Factor: 1

Injection Volume: 1(uL)GC Column: AS-18ID: 0.004 (mm)

% Moisture: % Solids:GPC Cleanup: (Y/N) N

Cleanup Factor:

Analysis Batch No.: 126522Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	78.6		0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: ARTESIA-MW12-100423 Lab Sample ID: 860-58730-12
Matrix: Water Lab File ID: 16_Oct_2023 22_05.d
Analysis Method: 300.0 Date Collected: 10/04/2023 11:57
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 22:05
Con. Extract Vol.: _____ Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2380		5.00	2.00

FORM I

HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston

SDG No.:

Client Sample ID: ARTESIA-MW11-100423

Matrix: Water

Analysis Method: 300.0

Extraction Method:

Sample wt/vol: 0 (mL)

Con. Extract Vol.:

Injection Volume: 1 (uL)

% Moisture: % Solids:

Cleanup Factor:

Analysis Batch No.: 126522

Job No.: 860-58730-1

Lab Sample ID: 860-58730-13

Lab File ID: 16_Oct_2023 22_27.d

Date Collected: 10/04/2023 14:21

Date Extracted:

Date Analyzed: 10/16/2023 22:27

Dilution Factor: 10

GC Column: AS-18 ID: 0.004 (mm)

GPC Cleanup: (Y/N) N

Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	2490		5.00	2.00

HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-58730-1Analy Batch No.: 125521

SDG No.:

Instrument ID: A166GC Column: AS-18ID: 0.004 (mm)Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2023 17:41Calibration End Date: 10/09/2023 19:18Calibration ID: 6049

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-125521/1	09_Oct_2023 17_41.d
Level 2	IC 860-125521/2	09_Oct_2023 17_52.d
Level 3	IC 860-125521/3	09_Oct_2023 18_02.d
Level 4	IC 860-125521/4	09_Oct_2023 18_13.d
Level 5	IC 860-125521/5	09_Oct_2023 18_24.d
Level 6	IC 860-125521/6	09_Oct_2023 18_35.d
Level 7	IC 860-125521/7	09_Oct_2023 18_46.d
Level 8	IC 860-125521/8	09_Oct_2023 18_56.d
Level 9	IC 860-125521/9	09_Oct_2023 19_07.d
Level 10	IC 860-125521/10	09_Oct_2023 19_18.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8	LVL 9	LVL 10	RT WINDOW	AVG RT
Fluoride	+++++	+++++	2.590	2.590	2.603	2.613	2.627	+++++	+++++	+++++	2.357 - 2.857	2.605
Chloride	+++++	+++++	3.517	3.517	3.517	3.520	3.523	3.497	3.477	3.447	3.263 - 3.763	3.502
Sulfate	+++++	+++++	5.127	5.127	5.123	5.110	5.097	4.983	4.807	4.590	4.837 - 5.337	4.996
Bromide	+++++	+++++	5.647	5.643	5.637	5.627	5.617	+++++	+++++	+++++	5.380 - 5.880	5.634

FORM VI
HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 125521
SDG No.:
Instrument ID: A166 GC Column: AS-18 ID: 0.004 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/09/2023 17:41 Calibration End Date: 10/09/2023 19:18 Calibration ID: 6049

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-125521/1	09_Oct_2023 17_41.d
Level 2	IC 860-125521/2	09_Oct_2023 17_52.d
Level 3	IC 860-125521/3	09_Oct_2023 18_02.d
Level 4	IC 860-125521/4	09_Oct_2023 18_13.d
Level 5	IC 860-125521/5	09_Oct_2023 18_24.d
Level 6	IC 860-125521/6	09_Oct_2023 18_35.d
Level 7	IC 860-125521/7	09_Oct_2023 18_46.d
Level 8	IC 860-125521/8	09_Oct_2023 18_56.d
Level 9	IC 860-125521/9	09_Oct_2023 19_07.d
Level 10	IC 860-125521/10	09_Oct_2023 19_18.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5 LVL 9	LVL 2 LVL 6 LVL 10	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Fluoride	++++ 35392944 ++++	++++ 33904524 ++++	48274654 31961826	40855340 ++++	Lin1	8717690.1 3	32237004. 9							0.9990		0.9950
Chloride	++++ 21538507 21328986	++++ 21295977 20985815	29109442 21451493	24817681 21234817	Lin1	3846330.1 2	21101996. 5							1.0000		0.9950
Sulfate	++++ 14413102 15214687	++++ 14679394 14253921	13372914 15463471	13891875 15391577	Lin1	-243264.5 6	14687471. 1							0.9990		0.9950
Bromide	++++ 8293818 ++++	++++ 8497867 ++++	8127598 9258296	8061282 ++++	Lin1	-791317.3 4	8977954.9 0							0.9980		0.9950

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

HPLC/IC BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Houston Job No.: 860-58730-1 Analy Batch No.: 125521

SDG No.:

Instrument ID: A166 GC Column: AS-18 ID: 0.004 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/09/2023 17:41 Calibration End Date: 10/09/2023 19:18 Calibration ID: 6049

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 860-125521/1	09_Oct_2023 17_41.d
Level 2	IC 860-125521/2	09_Oct_2023 17_52.d
Level 3	IC 860-125521/3	09_Oct_2023 18_02.d
Level 4	IC 860-125521/4	09_Oct_2023 18_13.d
Level 5	IC 860-125521/5	09_Oct_2023 18_24.d
Level 6	IC 860-125521/6	09_Oct_2023 18_35.d
Level 7	IC 860-125521/7	09_Oct_2023 18_46.d
Level 8	IC 860-125521/8	09_Oct_2023 18_56.d
Level 9	IC 860-125521/9	09_Oct_2023 19_07.d
Level 10	IC 860-125521/10	09_Oct_2023 19_18.d

ANALYTE	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
Fluoride	Lin1	+++++ 339045235	+++++ 639236511	24137327 +++++	40855340 +++++	176964718 +++++	+++++ 10.0	+++++ 20.0	0.500 +++++	1.00 +++++	5.00 +++++
Chloride	Lin1	+++++ 212959772	+++++ 429029866	14554721 2123481666	24817681 5332246618	107692535 1049290765 0	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Sulfate	Lin1	+++++ 146793941	+++++ 309269414	6686457 1539157711	13891875 3803671632	72065509 7126960459	+++++ 10.0	+++++ 20.0	0.500 100	1.00 250	5.00 500
Bromide	Lin1	+++++ 84978672	+++++ 185165924	4063799 +++++	8061282 +++++	41469090 +++++	+++++ 10.0	+++++ 20.0	0.500 +++++	1.00 +++++	5.00 +++++

Curve Type Legend:

Lin1 = Linear 1/conc

Calibration

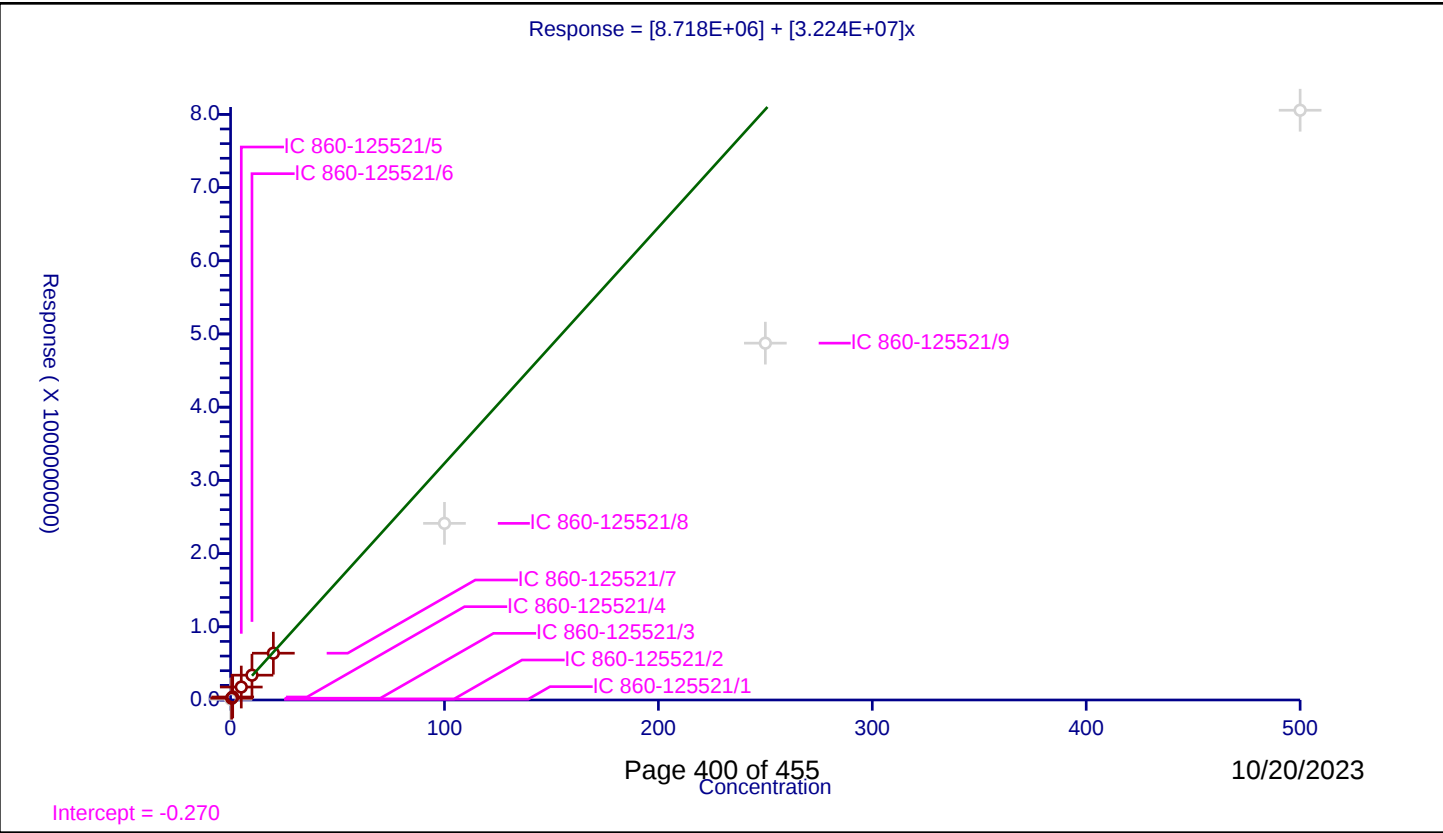
/ Fluoride

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	8.718E+06
Slope:	3.224E+07

Error Coefficients	
Standard Error:	10300000
Relative Standard Error:	4.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-125521/1	0.1	11214794.0			112147940.0	N
2	IC 860-125521/2	0.2	14128978.0			70644890.0	N
3	IC 860-125521/3	0.5	24137327.0			48274654.0	Y
4	IC 860-125521/4	1.0	40855340.0			40855340.0	Y
5	IC 860-125521/5	5.0	176964718.0			35392943.6	Y
6	IC 860-125521/6	10.0	339045235.0			33904523.5	Y
7	IC 860-125521/7	20.0	639236511.0			31961825.55	Y
8	IC 860-125521/8	100.0	2412563684.0			24125636.84	N
9	IC 860-125521/9	250.0	4874241490.0			19496965.96	N
10	IC 860-125521/10	500.0	8056104446.0			16112208.892	N



Calibration

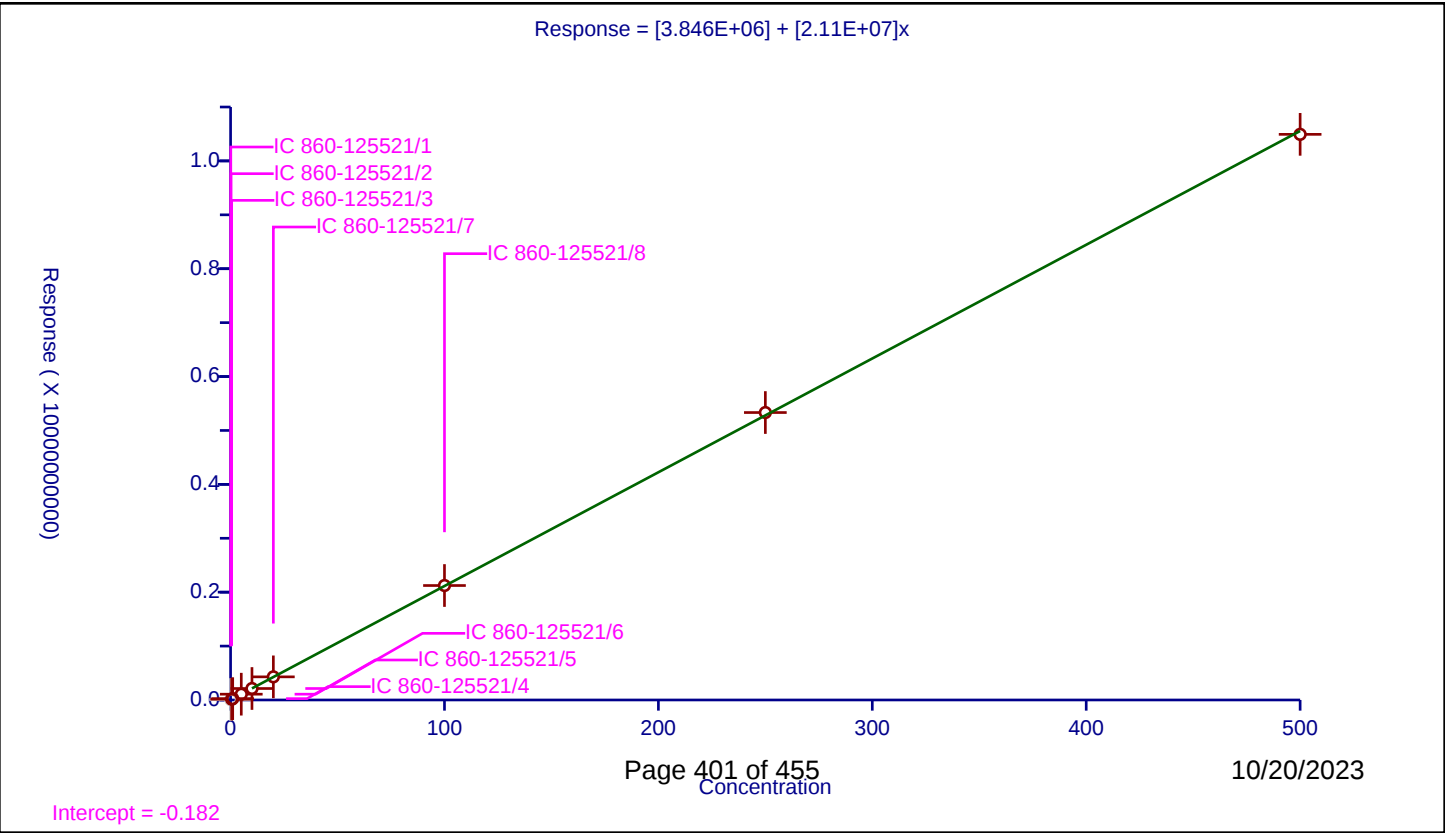
/ Chloride

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	3.846E+06
Slope:	2.11E+07

Error Coefficients	
Standard Error:	33500000
Relative Standard Error:	1.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-125521/1	0.1	6836772.0			68367720.0	N
2	IC 860-125521/2	0.2	8924738.0			44623690.0	N
3	IC 860-125521/3	0.5	14554721.0			29109442.0	Y
4	IC 860-125521/4	1.0	24817681.0			24817681.0	Y
5	IC 860-125521/5	5.0	107692535.0			21538507.0	Y
6	IC 860-125521/6	10.0	212959772.0			21295977.2	Y
7	IC 860-125521/7	20.0	429029866.0			21451493.3	Y
8	IC 860-125521/8	100.0	2123481666.0			21234816.66	Y
9	IC 860-125521/9	250.0	5332246618.0			21328986.472	Y
10	IC 860-125521/10	500.0	10492907650.0			20985815.3	Y



Calibration

/ Sulfate

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

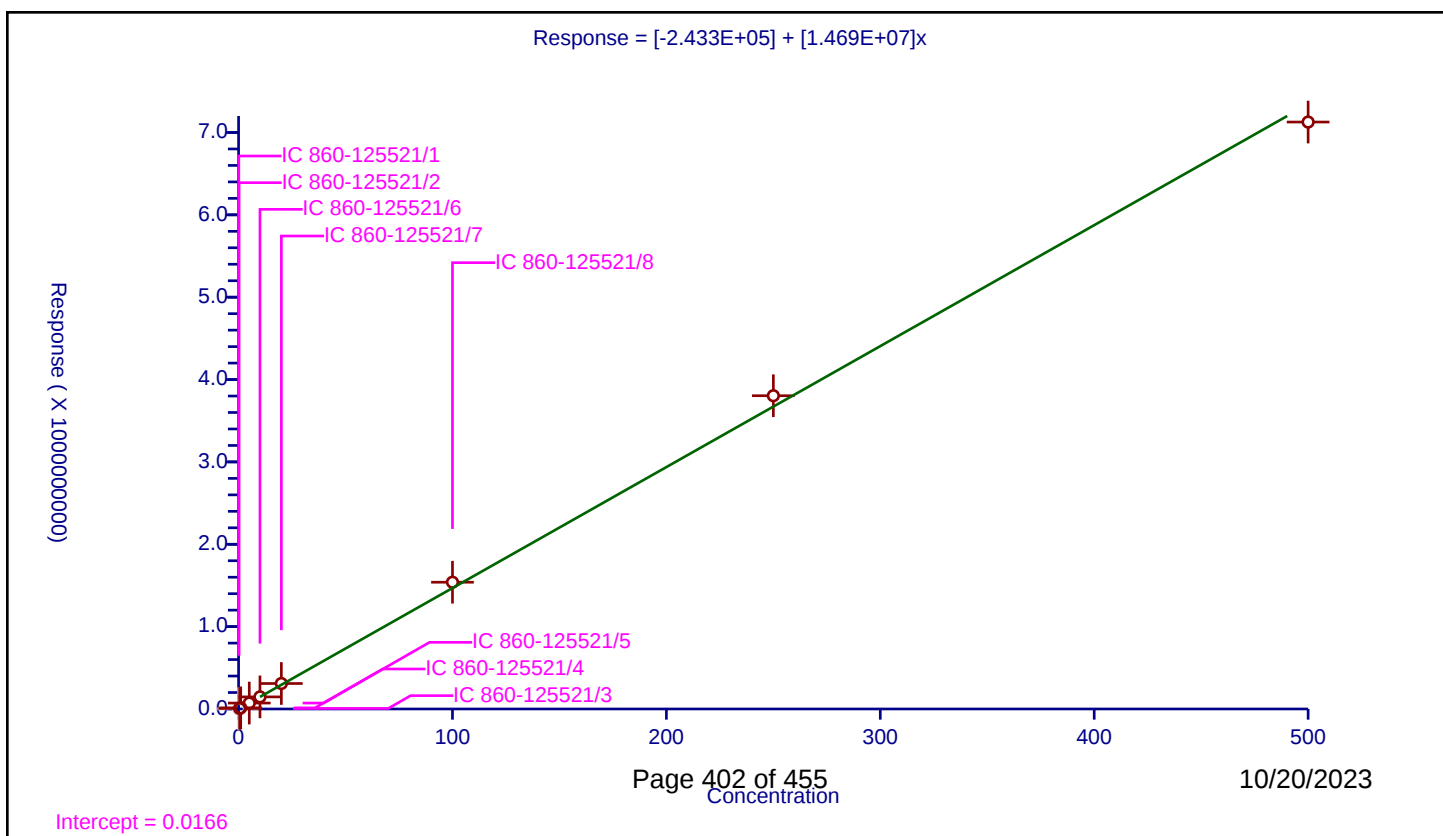
Curve Coefficients

Intercept: -2.433E+05
Slope: 1.469E+07

Error Coefficients

Standard Error: 108000000
Relative Standard Error: 4.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-125521/1	0.1	1516941.0			15169410.0	N
2	IC 860-125521/2	0.2	2791746.0			13958730.0	N
3	IC 860-125521/3	0.5	6686457.0			13372914.0	Y
4	IC 860-125521/4	1.0	13891875.0			13891875.0	Y
5	IC 860-125521/5	5.0	72065509.0			14413101.8	Y
6	IC 860-125521/6	10.0	146793941.0			14679394.1	Y
7	IC 860-125521/7	20.0	309269414.0			15463470.7	Y
8	IC 860-125521/8	100.0	1539157711.0			15391577.11	Y
9	IC 860-125521/9	250.0	3803671632.0			15214686.528	Y
10	IC 860-125521/10	500.0	7126960459.0			14253920.918	Y



Calibration

/ Bromide

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

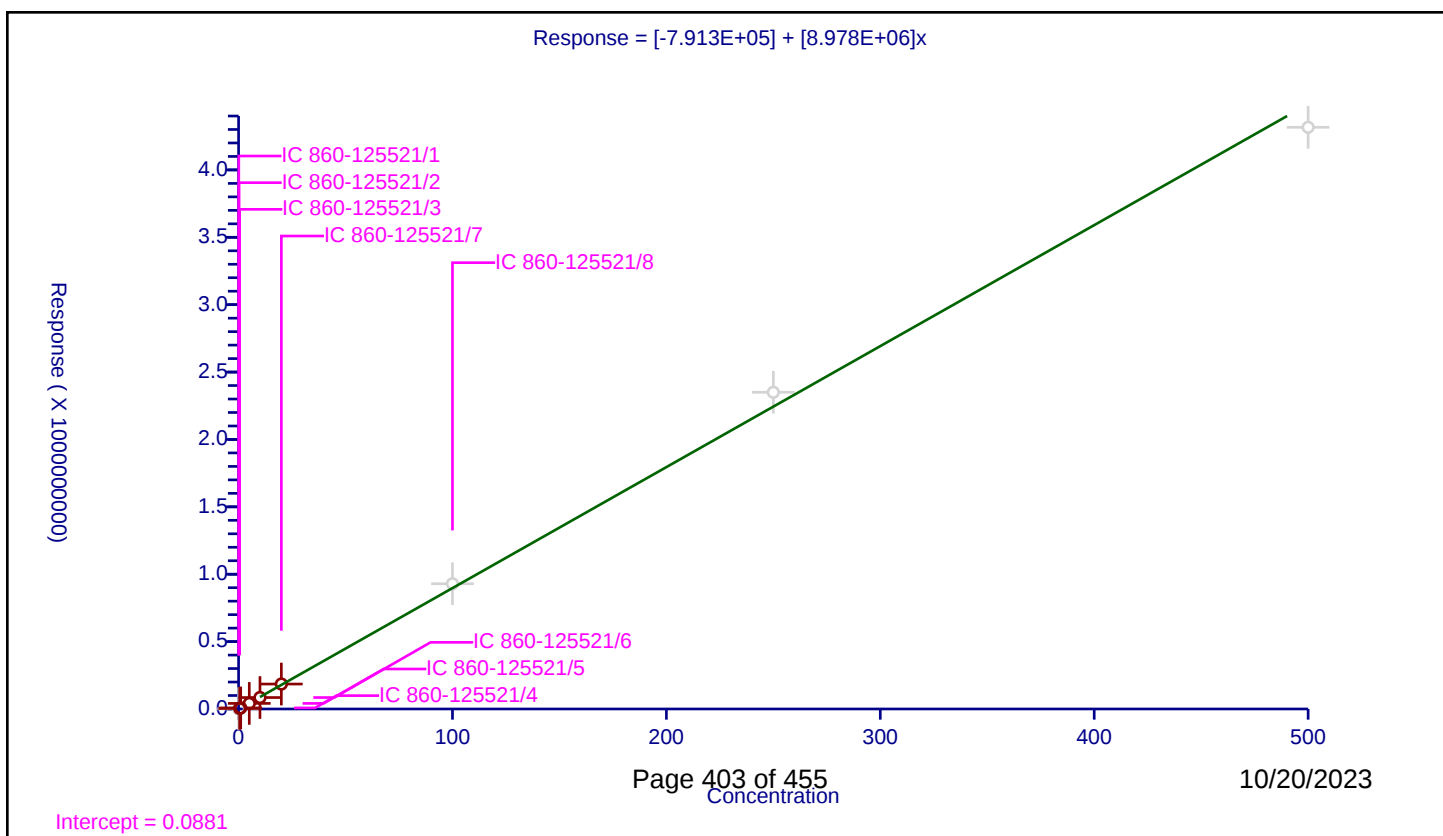
Curve Coefficients

Intercept: -7.913E+05
Slope: 8.978E+06

Error Coefficients

Standard Error: 4620000
Relative Standard Error: 6.7
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 860-125521/1	0.1	899392.0			8993920.0	N
2	IC 860-125521/2	0.2	1724270.0			8621350.0	N
3	IC 860-125521/3	0.5	4063799.0			8127598.0	Y
4	IC 860-125521/4	1.0	8061282.0			8061282.0	Y
5	IC 860-125521/5	5.0	41469090.0			8293818.0	Y
6	IC 860-125521/6	10.0	84978672.0			8497867.2	Y
7	IC 860-125521/7	20.0	185165924.0			9258296.2	Y
8	IC 860-125521/8	100.0	929306528.0			9293065.28	N
9	IC 860-125521/9	250.0	2350038303.0			9400153.212	N
10	IC 860-125521/10	500.0	4316283922.0			8632567.844	N



FORM VII

HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: CCVRT 860-126522/1Calibration Date: 10/16/2023 16:11

Instrument ID: A166Calib Start Date: 10/09/2023 17:41

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 10/09/2023 19:18

Lab File ID: 16_Oct_2023 16_11.dConc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		33732626		4.96	5.00	-0.8	10.0
Chloride	Lin1		21180448		4.84	5.00	-3.3	10.0
Sulfate	Lin1		14449131		4.94	5.00	-1.3	10.0
Bromide	Lin1		8622941		4.89	5.00	-2.2	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: CCVRT 860-126522/1Calibration Date: 10/16/2023 16:11

Instrument ID: A166Calib Start Date: 10/09/2023 17:41

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 10/09/2023 19:18

Lab File ID: 16_Oct_2023 16_11.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.62	2.37	2.87
Chloride	3.49	3.24	3.74
Sulfate	4.95	4.70	5.20
Bromide	5.50	5.25	5.75

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: CCV 860-126522/13Calibration Date: 10/16/2023 18:20

Instrument ID: A166Calib Start Date: 10/09/2023 17:41

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 10/09/2023 19:18

Lab File ID: 16_Oct_2023 18_20.dConc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		33639651		4.95	5.00	-1.1	10.0
Chloride	Lin1		20789905		4.74	5.00	-5.1	10.0
Sulfate	Lin1		14013589		4.79	5.00	-4.3	10.0
Bromide	Lin1		8609230		4.88	5.00	-2.3	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: CCV 860-126522/13Calibration Date: 10/16/2023 18:20

Instrument ID: A166Calib Start Date: 10/09/2023 17:41

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 10/09/2023 19:18

Lab File ID: 16_Oct_2023 18_20.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.58	2.37	2.87
Chloride	3.45	3.24	3.74
Sulfate	4.98	4.70	5.20
Bromide	5.47	5.25	5.75

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: CCV 860-126522/25Calibration Date: 10/16/2023 20:29

Instrument ID: A166Calib Start Date: 10/09/2023 17:41

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 10/09/2023 19:18

Lab File ID: 16_Oct_2023 20_29.dConc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		16938979		4.98	5.00	-0.3	10.0
Chloride	Lin1		10512251		4.80	5.00	-4.0	10.0
Sulfate	Lin1		7101411		4.85	5.00	-3.0	10.0
Bromide	Lin1		4550246		5.16	5.00	3.1	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: CCV 860-126522/25Calibration Date: 10/16/2023 20:29

Instrument ID: A166Calib Start Date: 10/09/2023 17:41

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 10/09/2023 19:18

Lab File ID: 16_Oct_2023 20_29.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.59	2.37	2.87
Chloride	3.47	3.24	3.74
Sulfate	5.03	4.70	5.20
Bromide	5.46	5.25	5.75

FORM VII

HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: CCV 860-126522/37Calibration Date: 10/16/2023 22:38

Instrument ID: A166Calib Start Date: 10/09/2023 17:41

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 10/09/2023 19:18

Lab File ID: 16_Oct_2023 22_38.dConc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluoride	Lin1		16683189		4.91	5.00	-1.9	10.0
Chloride	Lin1		10305879		4.70	5.00	-6.0	10.0
Sulfate	Lin1		6952029		4.75	5.00	-5.0	10.0
Bromide	Lin1		4231134		4.80	5.00	-4.0	10.0

FORM VII

HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Lab Sample ID: CCV 860-126522/37Calibration Date: 10/16/2023 22:38

Instrument ID: A166Calib Start Date: 10/09/2023 17:41

GC Column: AS-18ID: 0.00 (mm)Calib End Date: 10/09/2023 19:18

Lab File ID: 16_Oct_2023 22_38.d

Analyte	RT	RT WINDOW	
		FROM	TO
Fluoride	2.56	2.37	2.87
Chloride	3.43	3.24	3.74
Sulfate	4.91	4.70	5.20
Bromide	5.46	5.25	5.75

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 860-126522/3
Matrix: Water Lab File ID: 16_Oct_2023 16_33.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 16:33
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.200	U	0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: CCB 860-126522/2
Matrix: Water Lab File ID: 16_Oct_2023 16_22.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 16:22
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: CCB 860-126522/14
Matrix: Water Lab File ID: 16_Oct_2023 18_31.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 18:31
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: CCB 860-126522/26
Matrix: Water Lab File ID: 16_Oct_2023 20_40.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 20:40
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Client Sample ID:Lab Sample ID: CCB 860-126522/38

Matrix: WaterLab File ID: 16_Oct_2023 22_48.d

Analysis Method: 300.0Date Collected:

Extraction Method:Date Extracted:

Sample wt/vol: 0 (mL)Date Analyzed: 10/16/2023 22:48

Con. Extract Vol.:Dilution Factor: 1

Injection Volume: 1 (uL)GC Column: AS-18ID: 0.004 (mm)

% Moisture: % Solids:GPC Cleanup: (Y/N) N

Cleanup Factor:

Analysis Batch No.: 126522Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: ICB 860-80208/9
Matrix: Water Lab File ID: 03_Dec_2022 21_56.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 12/03/2022 21:56
Con. Extract Vol.: 1.0 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 80208 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.109	U	0.500	0.109

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 860-126522/4
Matrix: Water Lab File ID: 16_Oct_2023 16_44.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 16:44
Con. Extract Vol.: 1.0 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	4.776		0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 860-126522/5
Matrix: Water Lab File ID: 16_Oct_2023 16_54.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 16:54
Con. Extract Vol.: 1.0 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	4.783		0.500	0.200

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LLCS 860-126522/7
Matrix: Water Lab File ID: 16_Oct_2023 17_16.d
Analysis Method: 300.0 Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 0 (mL) Date Analyzed: 10/16/2023 17:16
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: AS-18 ID: 0.004 (mm)
% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 126522 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
14808-79-8	Sulfate	0.3948	J	0.500	0.200

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.:

Instrument ID: A166 Start Date: 12/03/2022 18:13

Analysis Batch Number: 80208 End Date: 12/04/2022 01:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-80208/1		12/03/2022 18:13	1		AS-18 0.004 (mm)
IC 860-80208/2		12/03/2022 18:35	1		AS-18 0.004 (mm)
IC 860-80208/3		12/03/2022 18:58	1		AS-18 0.004 (mm)
ICRT 860-80208/4		12/03/2022 19:20	1		AS-18 0.004 (mm)
IC 860-80208/5		12/03/2022 19:42	1		AS-18 0.004 (mm)
IC 860-80208/6		12/03/2022 20:05	1		AS-18 0.004 (mm)
IC 860-80208/7		12/03/2022 20:27	1		AS-18 0.004 (mm)
CCV 860-80208/8		12/03/2022 21:34	1		AS-18 0.004 (mm)
ICB 860-80208/9		12/03/2022 21:56	1	03_Dec_2022 21_56.d	AS-18 0.004 (mm)
ZZZZZ		12/03/2022 22:19	1		AS-18 0.004 (mm)
ZZZZZ		12/03/2022 22:41	1		AS-18 0.004 (mm)
ZZZZZ		12/03/2022 23:04	1		AS-18 0.004 (mm)
ZZZZZ		12/03/2022 23:26	1		AS-18 0.004 (mm)
ZZZZZ		12/03/2022 23:48	1		AS-18 0.004 (mm)
ZZZZZ		12/04/2022 00:11	1		AS-18 0.004 (mm)
ZZZZZ		12/04/2022 00:33	10		AS-18 0.004 (mm)
CCV 860-80208/17		12/04/2022 00:56	1		AS-18 0.004 (mm)
CCB 860-80208/18		12/04/2022 01:18	1		AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A166

Start Date: 10/09/2023 17:41

Analysis Batch Number: 125521

End Date: 10/10/2023 20:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 860-125521/1		10/09/2023 17:41	1	09_Oct_2023 17_41.d	AS-18 0.004 (mm)
IC 860-125521/2		10/09/2023 17:52	1	09_Oct_2023 17_52.d	AS-18 0.004 (mm)
IC 860-125521/3		10/09/2023 18:02	1	09_Oct_2023 18_02.d	AS-18 0.004 (mm)
IC 860-125521/4		10/09/2023 18:13	1	09_Oct_2023 18_13.d	AS-18 0.004 (mm)
IC 860-125521/5		10/09/2023 18:24	1	09_Oct_2023 18_24.d	AS-18 0.004 (mm)
IC 860-125521/6		10/09/2023 18:35	1	09_Oct_2023 18_35.d	AS-18 0.004 (mm)
IC 860-125521/7		10/09/2023 18:46	1	09_Oct_2023 18_46.d	AS-18 0.004 (mm)
IC 860-125521/8		10/09/2023 18:56	1	09_Oct_2023 18_56.d	AS-18 0.004 (mm)
IC 860-125521/9		10/09/2023 19:07	1	09_Oct_2023 19_07.d	AS-18 0.004 (mm)
IC 860-125521/10		10/09/2023 19:18	1	09_Oct_2023 19_18.d	AS-18 0.004 (mm)
CCVRT 860-125521/11		10/09/2023 19:39	1		AS-18 0.004 (mm)
CCB 860-125521/12		10/09/2023 19:50	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 20:01	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 20:11	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 20:22	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 20:44	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 20:54	20		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 21:05	1000		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 21:16	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 21:27	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 21:37	1		AS-18 0.004 (mm)
CCV 860-125521/23		10/09/2023 21:48	1		AS-18 0.004 (mm)
CCB 860-125521/24		10/09/2023 21:59	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 22:20	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 22:31	10		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 22:42	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 22:52	10		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 23:03	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 23:14	10		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 23:25	1		AS-18 0.004 (mm)
ZZZZZ		10/09/2023 23:35	10		AS-18 0.004 (mm)
CCV 860-125521/34		10/09/2023 23:57	1		AS-18 0.004 (mm)
CCB 860-125521/35		10/10/2023 00:07	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 00:18	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 00:29	10		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 00:40	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 00:50	10		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 01:01	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 01:12	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 01:22	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 01:33	10		AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A166

Start Date: 10/09/2023 17:41

Analysis Batch Number: 125521

End Date: 10/10/2023 20:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/10/2023 01:44	20		AS-18 0.004 (mm)
CCV 860-125521/45		10/10/2023 01:55	1		AS-18 0.004 (mm)
CCB 860-125521/46		10/10/2023 02:05	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 02:16	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 02:27	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 02:37	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 02:48	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 02:59	10		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 03:09	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 03:20	1		AS-18 0.004 (mm)
CCV 860-125521/92		10/10/2023 11:09	1		AS-18 0.004 (mm)
CCB 860-125521/93		10/10/2023 11:20	1		AS-18 0.004 (mm)
CCV 860-125521/57		10/10/2023 11:31	1		AS-18 0.004 (mm)
CCB 860-125521/58		10/10/2023 11:42	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 11:52	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 12:03	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 12:14	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 12:25	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 12:35	10		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 12:46	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 12:57	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 13:07	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 13:18	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 13:29	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 14:01	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 14:12	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 14:22	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 14:33	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 14:44	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 14:54	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 15:05	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 15:16	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 15:27	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 15:37	1		AS-18 0.004 (mm)
CCV 860-125521/69		10/10/2023 15:48	1		AS-18 0.004 (mm)
CCB 860-125521/70		10/10/2023 15:59	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 16:10	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 16:20	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 16:31	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 16:42	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 16:52	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 17:03	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 17:14	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 17:25	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 17:35	1		AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.:

Instrument ID: A166 Start Date: 10/09/2023 17:41

Analysis Batch Number: 125521 End Date: 10/10/2023 20:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/10/2023 17:46	1		AS-18 0.004 (mm)
CCV 860-125521/81		10/10/2023 17:57	1		AS-18 0.004 (mm)
CCB 860-125521/82		10/10/2023 18:07	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 18:18	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 18:29	1		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 18:40	100		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 18:50	100		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 19:01	100		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 19:12	100		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 19:22	100		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 19:49	10		AS-18 0.004 (mm)
ZZZZZ		10/10/2023 19:59	100		AS-18 0.004 (mm)
CCV 860-125521/90		10/10/2023 20:10	1		AS-18 0.004 (mm)
CCB 860-125521/91		10/10/2023 20:21	1		AS-18 0.004 (mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A166

Start Date: 10/16/2023 16:11

Analysis Batch Number: 126522

End Date: 10/17/2023 11:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 860-126522/1		10/16/2023 16:11	1	16_Oct_2023 16_11.d	AS-18 0.004 (mm)
CCB 860-126522/2		10/16/2023 16:22	1	16_Oct_2023 16_22.d	AS-18 0.004 (mm)
MB 860-126522/3		10/16/2023 16:33	1	16_Oct_2023 16_33.d	AS-18 0.004 (mm)
LCS 860-126522/4		10/16/2023 16:44	1	16_Oct_2023 16_44.d	AS-18 0.004 (mm)
LCSD 860-126522/5		10/16/2023 16:54	1	16_Oct_2023 16_54.d	AS-18 0.004 (mm)
LLCS 860-126522/7		10/16/2023 17:16	1	16_Oct_2023 17_16.d	AS-18 0.004 (mm)
ZZZZZ		10/16/2023 17:26	10		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 17:37	10		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 17:48	10		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 17:59	1		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 18:09	10		AS-18 0.004 (mm)
CCV 860-126522/13		10/16/2023 18:20	1	16_Oct_2023 18_20.d	AS-18 0.004 (mm)
CCB 860-126522/14		10/16/2023 18:31	1	16_Oct_2023 18_31.d	AS-18 0.004 (mm)
ZZZZZ		10/16/2023 18:42	500		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 18:52	500		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 19:03	10		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 19:14	10		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 19:25	10		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 19:35	1		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 19:46	1		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 19:57	1		AS-18 0.004 (mm)
860-58730-7	ARTESIA-MW17C-100323	10/16/2023 20:07	1	16_Oct_2023 20_07.d	AS-18 0.004 (mm)
860-58730-7	ARTESIA-MW17C-100323	10/16/2023 20:18	10	16_Oct_2023 20_18.d	AS-18 0.004 (mm)
CCV 860-126522/25		10/16/2023 20:29	1	16_Oct_2023 20_29.d	AS-18 0.004 (mm)
CCB 860-126522/26		10/16/2023 20:40	1	16_Oct_2023 20_40.d	AS-18 0.004 (mm)
860-58730-9	ARTESIA-MW36-100323	10/16/2023 20:50	1	16_Oct_2023 20_50.d	AS-18 0.004 (mm)
860-58730-9	ARTESIA-MW36-100323	10/16/2023 21:01	10	16_Oct_2023 21_01.d	AS-18 0.004 (mm)
860-58730-10	ARTESIA-MW38-100423	10/16/2023 21:12	1	16_Oct_2023 21_12.d	AS-18 0.004 (mm)
860-58730-10	ARTESIA-MW38-100423	10/16/2023 21:23	10	16_Oct_2023 21_23.d	AS-18 0.004 (mm)
860-58730-11	ARTESIA-MW37-100323	10/16/2023 21:33	1	16_Oct_2023 21_33.d	AS-18 0.004 (mm)
860-58730-11	ARTESIA-MW37-100323	10/16/2023 21:44	10	16_Oct_2023 21_44.d	AS-18 0.004 (mm)
860-58730-12	ARTESIA-MW12-100423	10/16/2023 21:55	1	16_Oct_2023 21_55.d	AS-18 0.004 (mm)
860-58730-12	ARTESIA-MW12-100423	10/16/2023 22:05	10	16_Oct_2023 22_05.d	AS-18 0.004 (mm)
860-58730-13	ARTESIA-MW11-100423	10/16/2023 22:16	1	16_Oct_2023 22_16.d	AS-18 0.004 (mm)
860-58730-13	ARTESIA-MW11-100423	10/16/2023 22:27	10	16_Oct_2023 22_27.d	AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A166

Start Date: 10/16/2023 16:11

Analysis Batch Number: 126522

End Date: 10/17/2023 11:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 860-126522/37		10/16/2023 22:38	1	16_Oct_2023 22_38.d	AS-18 0.004 (mm)
CCB 860-126522/38		10/16/2023 22:48	1	16_Oct_2023 22_48.d	AS-18 0.004 (mm)
ZZZZZ		10/16/2023 22:59	1		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 23:10	10		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 23:21	1		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 23:31	10		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 23:42	1		AS-18 0.004 (mm)
ZZZZZ		10/16/2023 23:53	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 00:03	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 00:14	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 00:25	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 00:36	10		AS-18 0.004 (mm)
CCV 860-126522/49		10/17/2023 00:46	1		AS-18 0.004 (mm)
CCB 860-126522/50		10/17/2023 00:57	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 01:08	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 01:19	10		AS-18 0.004 (mm)
CCV 860-126522/53		10/17/2023 01:29	1		AS-18 0.004 (mm)
CCB 860-126522/54		10/17/2023 01:40	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 01:51	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 02:01	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 02:12	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 02:23	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 02:34	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 02:44	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 02:55	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 03:06	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 03:16	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 03:27	1		AS-18 0.004 (mm)
CCV 860-126522/65		10/17/2023 03:38	1		AS-18 0.004 (mm)
CCB 860-126522/66		10/17/2023 03:49	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 03:59	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 04:10	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 04:21	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 04:32	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 04:42	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 04:53	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 05:04	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 05:14	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 05:25	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 05:36	1		AS-18 0.004 (mm)
CCV 860-126522/77		10/17/2023 05:46	1		AS-18 0.004 (mm)
CCB 860-126522/78		10/17/2023 05:57	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 06:08	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 06:19	1		AS-18 0.004 (mm)

300.0

HPLC/IC ANALYSIS RUN LOG

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Instrument ID: A166 Start Date: 10/16/2023 16:11Analysis Batch Number: 126522 End Date: 10/17/2023 11:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/17/2023 06:29	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 06:40	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 06:51	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 07:01	100		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 07:12	100		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 07:23	100		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 07:34	100		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 07:44	100		AS-18 0.004 (mm)
CCV 860-126522/89		10/17/2023 07:55	1		AS-18 0.004 (mm)
CCB 860-126522/90		10/17/2023 08:06	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 08:17	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 08:27	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 08:38	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 08:49	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 08:59	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 09:10	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 09:21	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 09:32	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 09:42	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 09:53	1		AS-18 0.004 (mm)
CCV 860-126522/101		10/17/2023 10:04	1		AS-18 0.004 (mm)
CCB 860-126522/102		10/17/2023 10:14	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 10:25	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 10:36	1		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 10:47	10		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 10:57	500		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 11:08	500		AS-18 0.004 (mm)
ZZZZZ		10/17/2023 11:19	500		AS-18 0.004 (mm)
CCV 860-126522/109		10/17/2023 11:29	1		AS-18 0.004 (mm)
CCB 860-126522/110		10/17/2023 11:40	1		AS-18 0.004 (mm)

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.:

Batch Number: 80208 Batch Start Date: 12/03/22 18:13 Batch Analyst: Burns, Randa

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
ICB 860-80208/9		300.0		0 mL	1.0 mL				

Batch Notes	
Filter ID	0.2 um F2600-2 LOT# 00319667
Pipette/Syringe/Dispenser ID	WC63WC65WC50/LOT 22238673 PART 3010736
Eluent 1 ID	861089

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.

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.:

Batch Number: 125521 Batch Start Date: 10/09/23 17:41 Batch Analyst: Burns, Rana

Batch Method: 300.0 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-IC-P1 00005	WC-IC-P2 00007		
IC 860-125521/1		300.0		0 mL	1.0 mL	0.01 mL	0.01 mL		
IC 860-125521/2		300.0		0 mL	1.0 mL	0.02 mL	0.02 mL		
IC 860-125521/3		300.0		0 mL	1.0 mL	0.05 mL	0.05 mL		
IC 860-125521/4		300.0		0 mL	1.0 mL	0.1 mL	0.1 mL		
IC 860-125521/5		300.0		0 mL	1.0 mL	0.5 mL	0.5 mL		
IC 860-125521/6		300.0		0 mL	1.0 mL	1 mL	1 mL		
IC 860-125521/7		300.0		0 mL	1.0 mL	2 mL	2 mL		
IC 860-125521/8		300.0		0 mL	1.0 mL		0.5 mL		
IC 860-125521/9		300.0		0 mL	1.0 mL		1.25 mL		
IC 860-125521/10		300.0		0 mL	1.0 mL		2.5 mL		

Batch Notes	
Filter ID	0.22 um DA-23-100026 LOT# 306053195
Pipette/Syringe/Dispenser ID	WC63WC65WC50/LOT 2223867 PART 301073
Eluent 1 ID	1150732

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.

300.0

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Batch Number: 126522 Batch Start Date: 10/16/23 16:11 Batch Analyst: Burns, Ranada

Batch Method: 300.0 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-IC-P1 00005	WC-IC-P1 00006	WC-IC-P2 00007	WC-IC-P2 00008
CCVRT 860-126522/1		300.0		0 mL	1.0 mL		0.5 mL	0.5 mL	
CCB 860-126522/2		300.0		0 mL					
MB 860-126522/3		300.0		0 mL					
LCS 860-126522/4		300.0		0 mL	1.0 mL		0.5 mL		0.5 mL
LCSD 860-126522/5		300.0		0 mL	1.0 mL		0.5 mL		0.5 mL
LLCS 860-126522/7		300.0		0 mL		0.05 mL		0.05 mL	
CCV 860-126522/13		300.0		0 mL		0.5 mL		0.5 mL	
CCB 860-126522/14		300.0		0 mL					
860-58730-F-7	ARTESIA-MW17C-10 0323	300.0	T	0 mL					
860-58730-F-7	ARTESIA-MW17C-10 0323	300.0	T	0 mL					
CCV 860-126522/25		300.0		0 mL		0.5 mL		0.5 mL	
CCB 860-126522/26		300.0		0 mL					
860-58730-E-9	ARTESIA-MW36-100 323	300.0	T	0 mL					
860-58730-E-9	ARTESIA-MW36-100 323	300.0	T	0 mL					
860-58730-E-10	ARTESIA-MW38-100 423	300.0	T	0 mL					
860-58730-E-10	ARTESIA-MW38-100 423	300.0	T	0 mL					
860-58730-E-11	ARTESIA-MW37-100 323	300.0	T	0 mL					
860-58730-E-11	ARTESIA-MW37-100 323	300.0	T	0 mL					
860-58730-E-12	ARTESIA-MW12-100 423	300.0	T	0 mL					
860-58730-E-12	ARTESIA-MW12-100 423	300.0	T	0 mL					
860-58730-E-13	ARTESIA-MW11-100 423	300.0	T	0 mL					
860-58730-E-13	ARTESIA-MW11-100 423	300.0	T	0 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.

300.0

Page 1 of 2

HPLC/IC BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Batch Number: 126522 Batch Start Date: 10/16/23 16:11 Batch Analyst: Burns, Ranada

Batch Method: 300.0 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-IC-P1 00005	WC-IC-P1 00006	WC-IC-P2 00007	WC-IC-P2 00008
CCV 860-126522/37		300.0		0 mL		0.5 mL		0.5 mL	
CCB 860-126522/38		300.0		0 mL					

Batch Notes	
Filter ID	0.22 um DA-23-100026 LOT# 306053195
Pipette/Syringe/Dispenser ID	WC63WC65WC50/LOT 2223867 PART 301073
Eluent 1 ID	1150732

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job Number: 860-58730-1
SDG No.:
Project: Dowell Artesia 2H2023 SA GW

Client Sample ID	Lab Sample ID
ARTESIA-MW17C-100323	860-58730-7
ARTESIA-MW36-100323	860-58730-9
ARTESIA-MW38-100423	860-58730-10
ARTESIA-MW37-100323	860-58730-11
ARTESIA-MW12-100423	860-58730-12
ARTESIA-MW11-100423	860-58730-13

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID:	ARTESIA-MW17C-100323	Lab Sample ID:	860-58730-7
Lab Name:	Eurofins Houston	Job No.:	860-58730-1
SDG ID.:			
Matrix:	Water	Date Sampled:	10/03/2023 12:30
Reporting Basis:	WET	Date Received:	10/06/2023 09:23

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	0.611	1.00	0.500	mg/L	J		1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID:	ARTESIA-MW36-100323	Lab Sample ID:	860-58730-9
Lab Name:	Eurofins Houston	Job No.:	860-58730-1
SDG ID.:			
Matrix:	Water	Date Sampled:	10/03/2023 15:45
Reporting Basis:	WET	Date Received:	10/06/2023 09:23

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	16.5	10.0	5.00	mg/L			10	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID:ARTESIA-MW38-100423

Lab Sample ID:860-58730-10

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG ID.:

Matrix: Water

Date Sampled: 10/04/2023 09:05

Reporting Basis: WET

Date Received: 10/06/2023 09:23

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	11.3	10.0	5.00	mg/L			10	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID:	ARTESIA-MW37-100323	Lab Sample ID:	860-58730-11
Lab Name:	Eurofins Houston	Job No.:	860-58730-1
SDG ID.:			
Matrix:	Water	Date Sampled:	10/03/2023 18:20
Reporting Basis:	WET	Date Received:	10/06/2023 09:23

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	27.2	10.0	5.00	mg/L			10	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID:	ARTESIA-MW12-100423	Lab Sample ID:	860-58730-12
Lab Name:	Eurofins Houston	Job No.:	860-58730-1
SDG ID.:			
Matrix:	Water	Date Sampled:	10/04/2023 11:57
Reporting Basis:	WET	Date Received:	10/06/2023 09:23

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	1.22	1.00	0.500	mg/L			1	SM 5310C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID:	ARTESIA-MW11-100423	Lab Sample ID:	860-58730-13
Lab Name:	Eurofins Houston	Job No.:	860-58730-1
SDG ID.:			
Matrix:	Water	Date Sampled:	10/04/2023 14:21
Reporting Basis:	WET	Date Received:	10/06/2023 09:23

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon	1.09	1.00	0.500	mg/L			1	SM 5310C

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Analyst: YG Batch Start Date: 10/19/2023
Reporting Units: mg/L Analytical Batch No.: 127210

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	CCV	09:06	Total Organic Carbon	10.39	10.0	104	90-110		WC-TOC-ICV_00113
3	CCB	09:21	Total Organic Carbon	0.500				U	
14	CCV	12:07	Total Organic Carbon	10.46	10.0	105	90-110		WC-TOC-ICV_00113
15	CCB	12:23	Total Organic Carbon	0.500				U	
26	CCV	15:09	Total Organic Carbon	10.30	10.0	103	90-110		WC-TOC-ICV_00113
27	CCB	15:25	Total Organic Carbon	0.500				U	
35	CCV	17:25	Total Organic Carbon	10.56	10.0	106	90-110		WC-TOC-ICV_00113
36	CCB	17:41	Total Organic Carbon	0.500				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.: _____
Analyst: YG Batch Start Date: 10/19/2023
Reporting Units: mg/L Analytical Batch No.: 127217

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	18:07	Total Organic Carbon	10.37	10.0	104	90-110		WC-TOC-ICV_00113
2	CCB	18:22	Total Organic Carbon	0.500				U	
7	CCV	19:38	Total Organic Carbon	10.27	10.0	103	90-110		WC-TOC-ICV_00113
8	CCB	19:53	Total Organic Carbon	0.500				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 127210 Date: 10/19/2023 09:36							
SM 5310C	MB 860-127210/4	Total Organic Carbon	0.500	U	mg/L	1.00	1

7A-IN

LAB CONTROL SAMPLE

GENERAL CHEMISTRY

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 127210Date: 10/19/2023 09:51											
						LCS Source: WC-TOC-LCS_00129					
SM	LCS	Total Organic Carbon	5.053		mg/L	5.00	101	90-110	1	15	
5310C	860-127210/5										

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

FORM VIIA-IN

7A-IN

LAB CONTROL SAMPLE DUPLICATE

GENERAL CHEMISTRY

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 127210Date: 10/19/2023 10:06											
						LCSD Source: WC-TOC-LCS_00129					
SM	LCSD	Total Organic Carbon	5.102		mg/L	5.00	102	90-110	1	15	
5310C	860-127210/6										

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

FORM VIIA-IN

7A-IN
LOW LEVEL CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Houston Job No.: 860-58730-1
SDG No.:
Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 127217 Date: 10/19/2023 19:23											
						LCS Source: WC-TOC-P_00016					
SM	LLCS	Total Organic Carbon	1.328		mg/L	1.00	133	50-150			
5310C	860-127217/6										

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name:	<u>Eurofins Houston</u>	Job Number:	<u>860-58730-1</u>
SDG Number:	<u></u>		
Matrix:	<u>Water</u>	Instrument ID:	<u>A345</u>
Method:	<u>SM 5310C</u>	MDL Date:	<u>08/28/2023 15:03</u>

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon		1	0.5

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Instrument ID: A345

Analysis Method: SM 5310C

Start Date: 10/19/2023 08:39

End Date: 10/19/2023 17:41

Lab Sample Id	D/F	T Y P e	Time	Analytes																	
				T O C																	
ZZZZZZ			08:39																		
CCV 860-127210/2	1		09:06	X																	
CCB 860-127210/3	1		09:21	X																	
MB 860-127210/4	1	T	09:36	X																	
LCS 860-127210/5	1	T	09:51	X																	
LCSD 860-127210/6	1	T	10:06	X																	
ZZZZZZ			10:21																		
ZZZZZZ			10:36																		
ZZZZZZ			10:51																		
ZZZZZZ			11:07																		
ZZZZZZ			11:22																		
ZZZZZZ			11:37																		
ZZZZZZ			11:52																		
CCV 860-127210/14	1		12:07	X																	
CCB 860-127210/15	1		12:23	X																	
ZZZZZZ			12:38																		
ZZZZZZ			12:53																		
ZZZZZZ			13:08																		
860-58730-11	10	T	13:23	X																	
ZZZZZZ			13:38																		
ZZZZZZ			13:53																		
ZZZZZZ			14:08																		
ZZZZZZ			14:24																		
ZZZZZZ			14:39																		
ZZZZZZ			14:54																		
CCV 860-127210/26	1		15:09	X																	
CCB 860-127210/27	1		15:25	X																	
ZZZZZZ			15:40																		
ZZZZZZ			15:55																		
ZZZZZZ			16:10																		
ZZZZZZ			16:25																		
ZZZZZZ			16:40																		
860-58730-9	10	T	16:55	X																	
860-58730-10	10	T	17:10	X																	
CCV 860-127210/35	1		17:25	X																	
CCB 860-127210/36	1		17:41	X																	

Prep Types:

T = Total/NA

13-IN

ANALYSIS RUN LOG

GENERAL CHEMISTRY

Lab Name: Eurofins HoustonJob No.: 860-58730-1

SDG No.:

Instrument ID: A345Analysis Method: SM 5310C

Start Date: 10/19/2023 18:07End Date: 10/19/2023 19:53

Lab Sample Id	D/F	T Y P e	Time	Analytes																									
				T O C																									
CCV 860-127217/1	1		18:07	X																									
CCB 860-127217/2	1		18:22	X																									
860-58730-13	1	T	18:37	X																									
860-58730-12	1	T	18:52	X																									
860-58730-7	1	T	19:07	X																									
LLCS 860-127217/6	1	T	19:23	X																									
CCV 860-127217/7	1		19:38	X																									
CCB 860-127217/8	1		19:53	X																									

Prep Types:

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Houston Job No.: 860-58730-1

SDG No.: _____

Batch Number: 127210 Batch Start Date: 10/19/23 08:39 Batch Analyst: Gonzalez, Yudith

Batch Method: SM 5310C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-TOC-ICV 00113	WC-TOC-LCS 00129		
CCV 860-127210/2		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-127210/3		SM 5310C		40 mL	40 mL				
MB 860-127210/4		SM 5310C		40 mL	40 mL				
LCS 860-127210/5		SM 5310C		40 mL	40 mL		40 mL		
LCSD 860-127210/6		SM 5310C		40 mL	40 mL		40 mL		
CCV 860-127210/14		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-127210/15		SM 5310C		40 mL	40 mL				
860-58730-C-11 ^10	ARTESIA-MW37-100 323	SM 5310C	T	40 mL	40 mL				
CCV 860-127210/26		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-127210/27		SM 5310C		40 mL	40 mL				
860-58730-C-9 ^10	ARTESIA-MW36-100 323	SM 5310C	T	40 mL	40 mL				
860-58730-D-10 ^10	ARTESIA-MW38-100 423	SM 5310C	T	40 mL	40 mL				
CCV 860-127210/35		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-127210/36		SM 5310C		40 mL	40 mL				

Batch Notes

Phosphoric Acid ID	1344674
Sodium Persulfate ID	1344675
Pipette/Syringe/Dispenser ID	WC103WC109
Batch Comment	pH STRIPS 10BDH2301

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Houston

Job No.: 860-58730-1

SDG No.:

Batch Number: 127217

Batch Start Date: 10/19/23 18:07

Batch Analyst: Gonzalez, Yudith

Batch Method: SM 5310C

Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC-TOC-ICV 00113	WC-TOC-P 00016		
CCV 860-127217/1		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-127217/2		SM 5310C		40 mL	40 mL				
860-58730-C-13	ARTESIA-MW11-100 423	SM 5310C	T	40 mL	40 mL				
860-58730-C-12	ARTESIA-MW12-100 423	SM 5310C	T	40 mL	40 mL				
860-58730-D-7	ARTESIA-MW17C-10 0323	SM 5310C	T	40 mL	40 mL				
LLCS 860-127217/6		SM 5310C		40 mL	40 mL		0.04 mL		
CCV 860-127217/7		SM 5310C		40 mL	40 mL	40 mL			
CCB 860-127217/8		SM 5310C		40 mL	40 mL				

Batch Notes	
Phosphoric Acid ID	1344674
Sodium Persulfate ID	1344676
Pipette/Syringe/Dispenser ID	wc103wc109
Batch Comment	pH strips 10BDH2301

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Environment Testing

Ver. 01/16/2015

Chain of Custody Record

eurofins

Environment Testing

[illegible]

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 860-58730-1

Login Number: 58730

List Source: Eurofins Houston

List Number: 1

Creator: Torrez, Lisandra

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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.	True	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 328099

CONDITIONS

Operator: Schlumberger Technology Corporation 121 Industrial Blvd Sugar Land, TX 77478	OGRID: 330624
	Action Number: 328099
	Action Type: [REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Groundwater Monitoring Report for Former Dowell Schlumberger Facility: content satisfactory 1. Continue quarterly visits and operation of groundwater extraction, treatment, and reinjection. Continue O&M as scheduled and needed 2. Collect groundwater sampling as prescribed and approved on a semi-annual schedule for GAC inlet, mid-GAC vessels, and GAC outlet, as well as ground-water monitoring wells. 3. As calendar year 2024 has passed, please update the OCD in the next annual groundwater report on any necessary changes to the system or if it will be in operation. 4. Submit the 2024 annual groundwater report to the OCD by April 1, 2025.	3/4/2025